

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112018\
 Data File : VN052405.D
 Acq On : 20 Nov 2018 14:12
 Operator : MD\SY
 Sample : VN1120WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/21/2018 5:12:39 PM

Quant Time: Nov 20 15:50:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	254204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	429559	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	380643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	164567	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	196185	54.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.28%	
35) Dibromofluoromethane	7.59	113	148313	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
50) Toluene-d8	10.09	98	543541	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.40	95	180164	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	52209	19.38	ug/l	99
3) Chloromethane	2.06	50	72219	19.29	ug/l	99
4) Vinyl Chloride	2.19	62	63864	19.74	ug/l	98
5) Bromomethane	2.58	94	36065	17.88	ug/l	100
6) Chloroethane	2.71	64	37455	20.47	ug/l	95
7) Trichlorofluoromethane	3.02	101	93286	20.83	ug/l	96
8) Diethyl Ether	3.42	74	32170	18.85	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.76	101	52933	18.72	ug/l	97
10) Methyl Iodide	3.96	142	59912	15.78	ug/l	97
11) Tert butyl alcohol	4.77	59	15766m	83.15	ug/l	
12) 1,1-Dichloroethene	3.75	96	49950	19.09	ug/l	96
13) Acrolein	3.61	56	23608	97.13	ug/l	99
14) Allyl chloride	4.33	41	107858	20.07	ug/l	95
15) Acrylonitrile	4.99	53	102879	95.02	ug/l	97
16) Acetone	3.82	43	87148	88.16	ug/l	92
17) Carbon Disulfide	4.06	76	149195	19.88	ug/l	96
18) Methyl Acetate	4.33	43	55514	20.30	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	148005	19.68	ug/l	100
20) Methylene Chloride	4.55	84	60409	19.66	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	53889	19.13	ug/l	97
22) Diisopropyl ether	5.96	45	228519	20.84	ug/l	98
23) Vinyl Acetate	5.90	43	701563	94.33	ug/l	98
24) 1,1-Dichloroethane	5.85	63	118296	20.12	ug/l	99
25) 2-Butanone	6.84	43	129051	92.75	ug/l	97
26) 2,2-Dichloropropane	6.83	77	79030	18.28	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	62596	19.09	ug/l	93
28) Bromochloromethane	7.20	49	66210	21.90	ug/l	98
29) Tetrahydrofuran	7.21	42	84565	92.51	ug/l	98
30) Chloroform	7.37	83	119209	21.28	ug/l	100
31) Cyclohexane	7.66	56	109964	19.50	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	95561	20.02	ug/l	95
36) 1,1-Dichloropropene	7.80	75	84351	19.59	ug/l	98
37) Ethyl Acetate	6.93	43	57764	18.49	ug/l	98
38) Carbon Tetrachloride	7.78	117	82160	20.77	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	91867	18.69	ug/l	96
40) Benzene	8.04	78	245327	19.95	ug/l	96
41) Methacrylonitrile	7.17	41	30248	19.84	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	95534	21.78	ug/l	99
43) Isopropyl Acetate	8.17	43	104379	17.31	ug/l	98
44) Trichloroethene	8.84	130	61448	20.28	ug/l	98
45) 1,2-Dichloropropane	9.12	63	69471	19.90	ug/l	98
46) Dibromomethane	9.21	93	41588	20.58	ug/l	95
47) Bromodichloromethane	9.40	83	88949	21.45	ug/l	100
48) Methyl methacrylate	9.20	41	52790	17.25	ug/l	98
49) 1,4-Dioxane	9.20	88	9813	417.82	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	296622	97.73	ug/l	97
52) Toluene	10.16	92	149386	20.30	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	78235	18.71	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	94449	19.81	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	52772	19.78	ug/l	95
56) Ethyl methacrylate	10.43	69	62748	17.89	ug/l	95
57) 1,3-Dichloropropane	10.71	76	95978	20.31	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	197501	98.89	ug/l	99
59) 2-Hexanone	10.75	43	191886	91.92	ug/l	96
60) Dibromochloromethane	10.90	129	59129	20.49	ug/l	99
61) 1,2-Dibromoethane	11.01	107	49619	18.68	ug/l	98
64) Tetrachloroethene	10.63	164	53756	19.86	ug/l	99
65) Chlorobenzene	11.43	112	158824	19.74	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	56215	20.49	ug/l	100
67) Ethyl Benzene	11.51	91	284670	20.39	ug/l	99
68) m/p-Xylenes	11.62	106	208961	40.95	ug/l	98
69) o-Xylene	11.95	106	100767	20.60	ug/l	97
70) Styrene	11.96	104	162326	20.73	ug/l	99
71) Bromoform	12.12	173	33465	20.66	ug/l #	99
73) Isopropylbenzene	12.25	105	268427	20.29	ug/l	100
74) N-amyl acetate	12.07	43	81582	17.31	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	62151	19.43	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	61221m	21.92	ug/l	
77) Bromobenzene	12.53	156	62848	20.41	ug/l	99
78) n-propylbenzene	12.59	91	320928	20.74	ug/l	99
79) 2-Chlorotoluene	12.67	91	187501	20.74	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	221669	21.07	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	14544	16.89	ug/l	86
82) 4-Chlorotoluene	12.77	91	188822	20.39	ug/l	96
83) tert-Butylbenzene	12.99	119	195723	21.07	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	224522	21.26	ug/l	99
85) sec-Butylbenzene	13.17	105	262179	20.72	ug/l	99
86) p-Isopropyltoluene	13.29	119	220959	20.61	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	109457	20.02	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	108019	19.87	ug/l	99
89) n-Butylbenzene	13.62	91	187320	20.35	ug/l	99
90) Hexachloroethane	13.87	117	39691	20.91	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	106545	20.11	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	9421	19.97	ug/l	89

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QLast Update : Thu Nov 15 03:02:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	41820	18.46	ug/l	97
94) Hexachlorobutadiene	15.01	225	25292	20.86	ug/l	99
95) Naphthalene	15.13	128	92347	17.63	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	38701	19.23	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

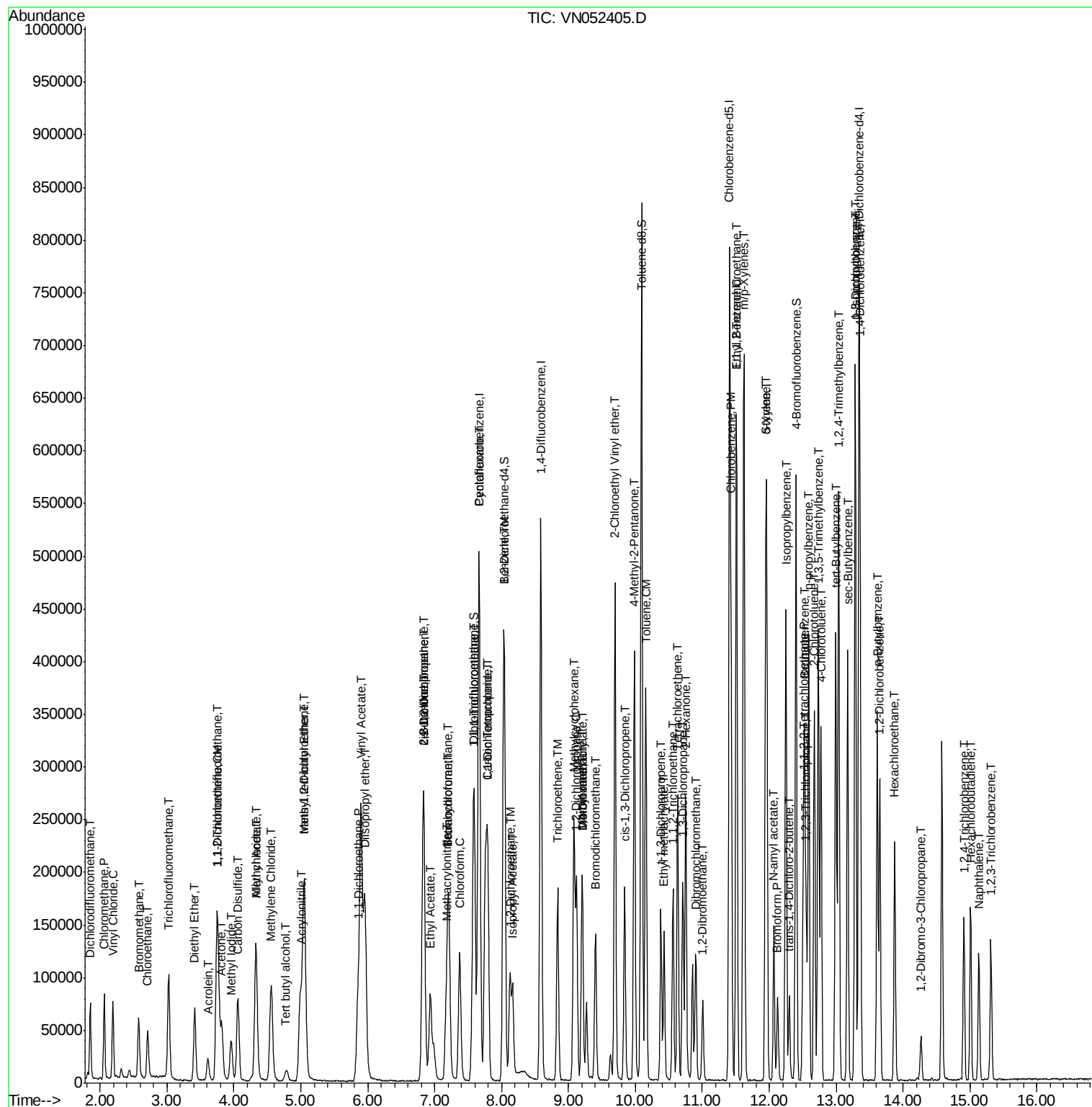
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 Data File : VN052405.D
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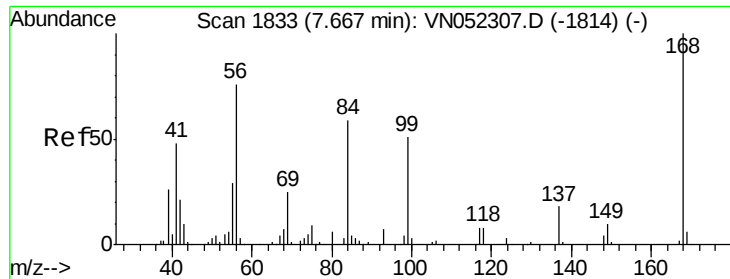
Instrument :
 MSVOA_N
 Client Sample ID :
 VN1120WBSD01

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1120WBSD01

Tgt Ion: 168 Resp: 254204

Ion Ratio Lower Upper

168 100

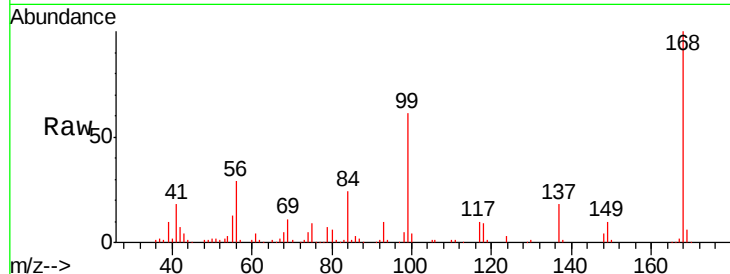
99 61.3 47.9 71.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

120000

100000

80000

60000

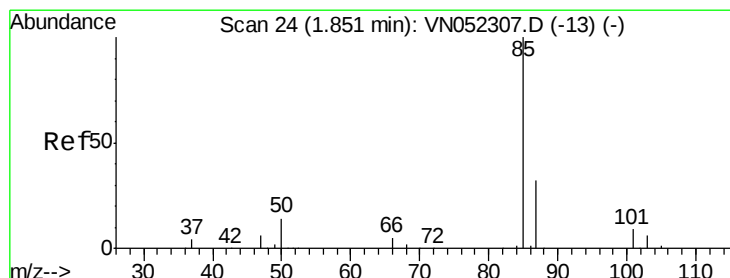
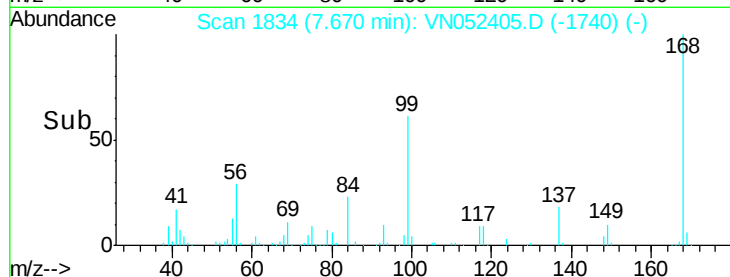
40000

20000

0

7.60 7.67 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.38 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN052405.D

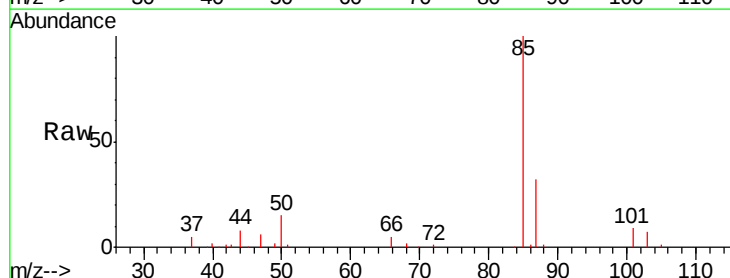
Acq: 20 Nov 2018 14:12

Tgt Ion: 85 Resp: 52209

Ion Ratio Lower Upper

85 100

87 32.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

40000

30000

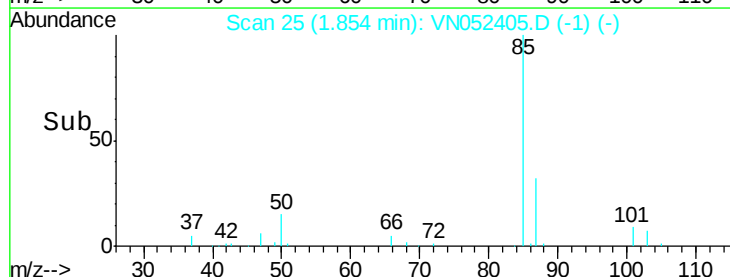
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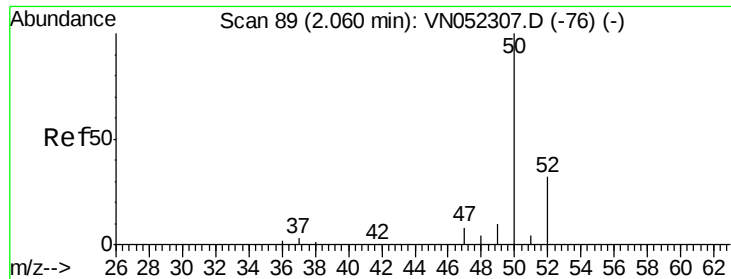
10000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 19.29 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1120WBSD01

Tgt Ion: 50 Resp: 72219

Ion Ratio Lower Upper

50 100

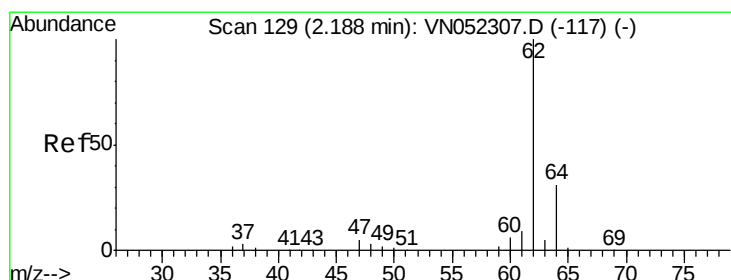
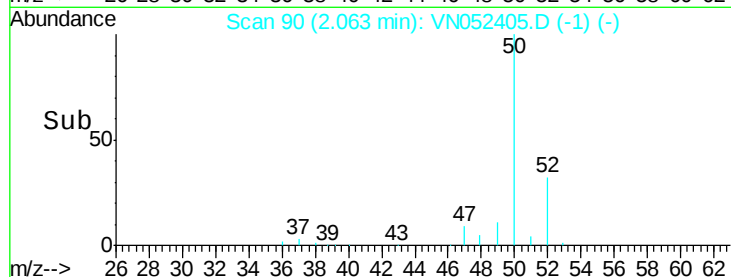
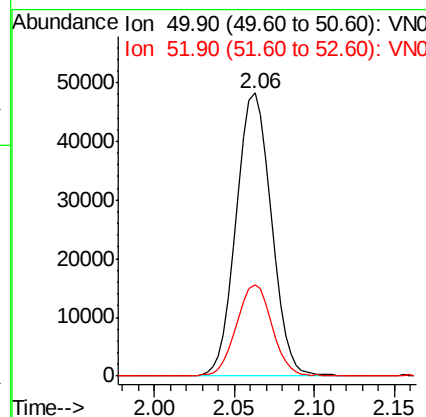
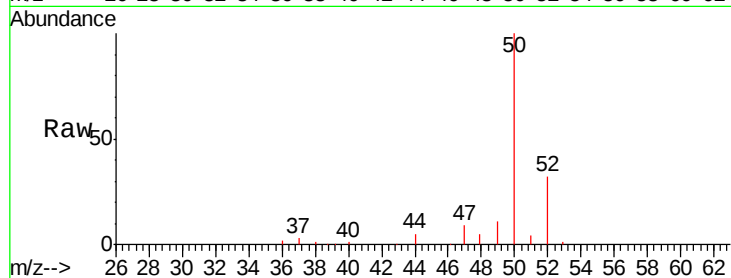
52 32.4 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.74 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN052405.D

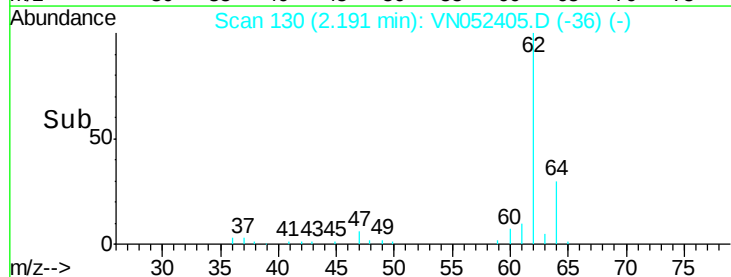
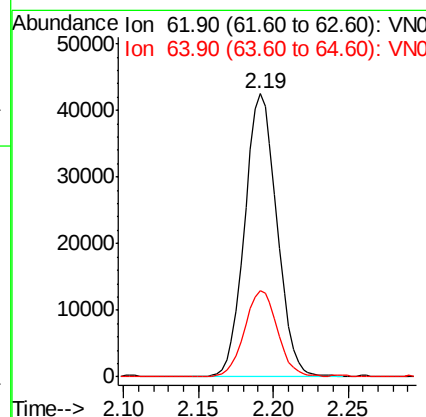
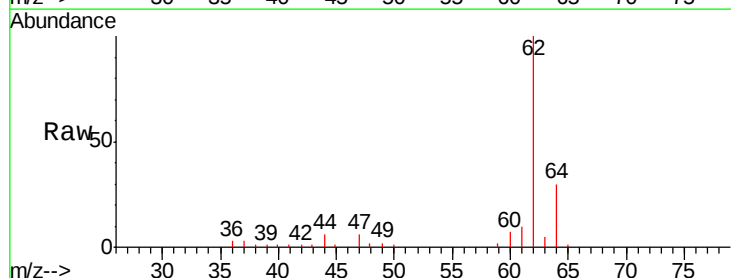
Acq: 20 Nov 2018 14:12

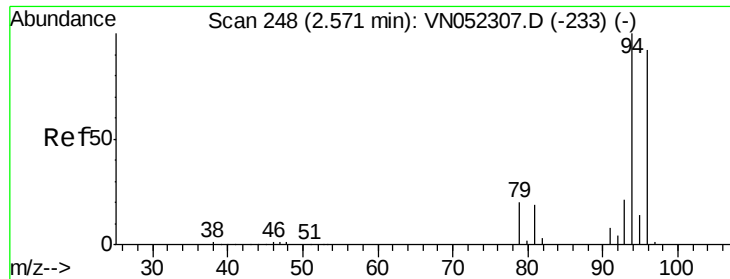
Tgt Ion: 62 Resp: 63864

Ion Ratio Lower Upper

62 100

64 30.3 25.2 37.8





#5

Bromomethane

Concen: 17.88 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.01 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

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Tgt Ion: 94 Resp: 36065

Ion Ratio Lower Upper

94 100

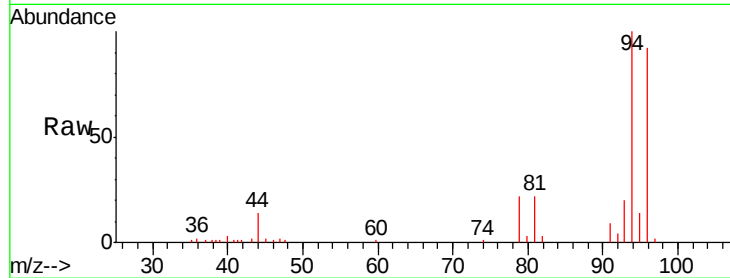
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Manual Integrations

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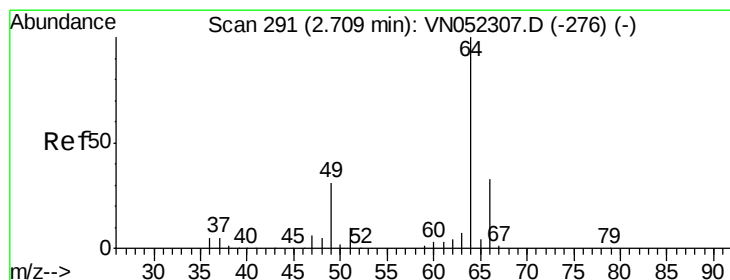
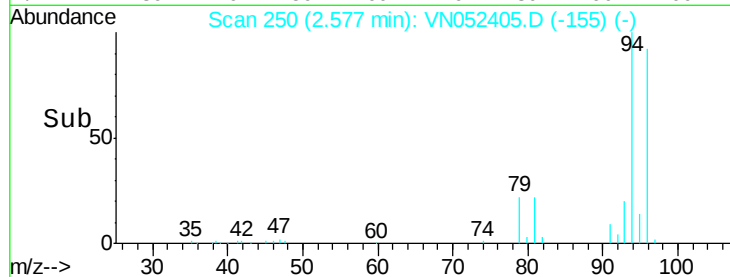
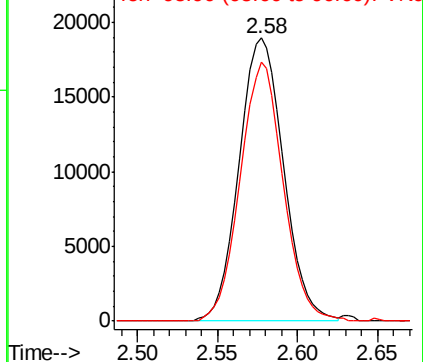
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.47 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN052405.D

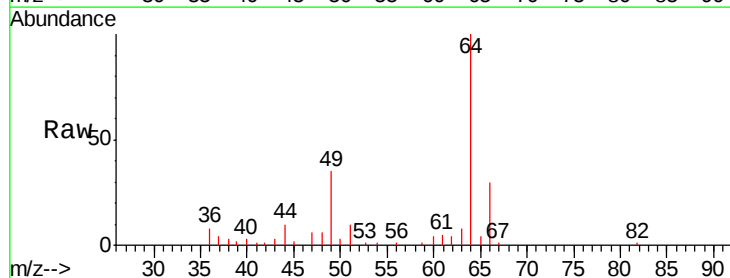
Acq: 20 Nov 2018 14:12

Tgt Ion: 64 Resp: 37455

Ion Ratio Lower Upper

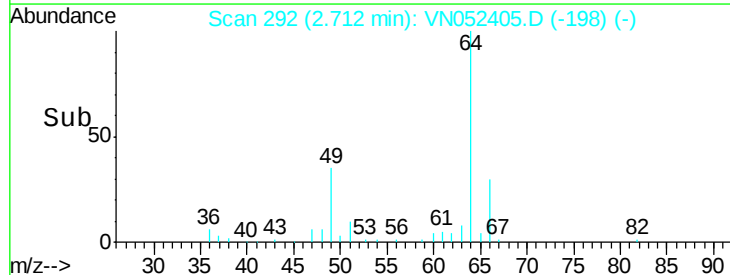
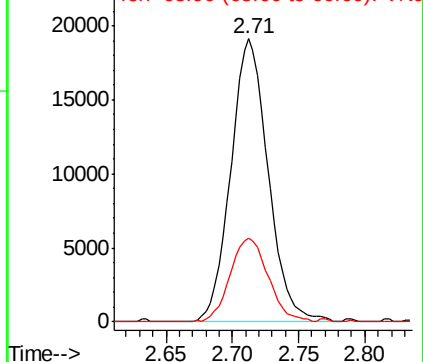
64 100

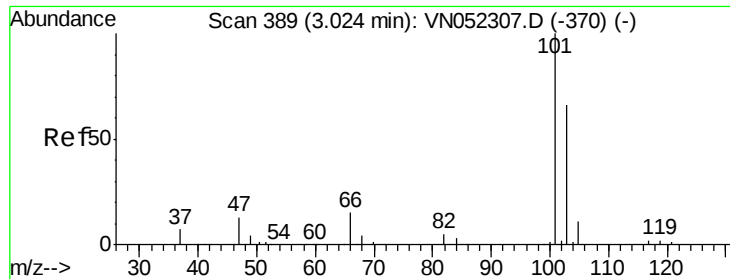
66 29.7 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

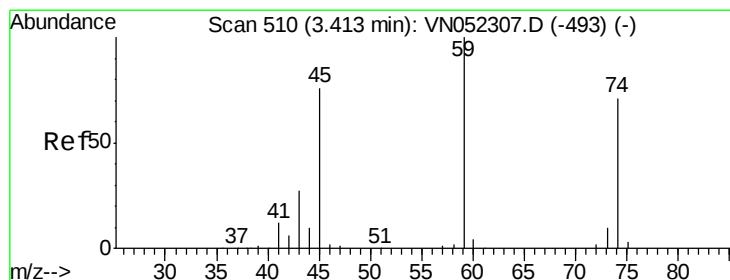
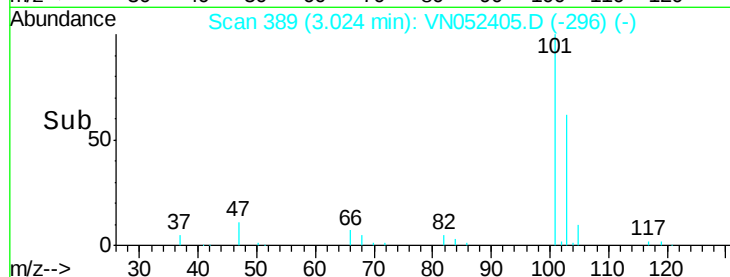
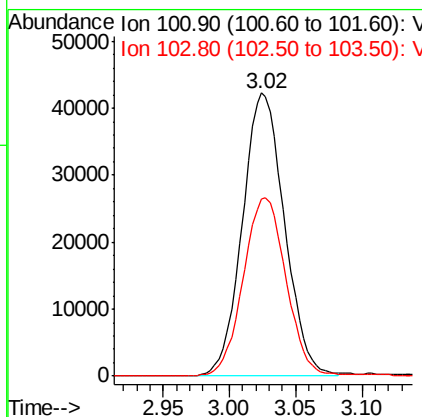
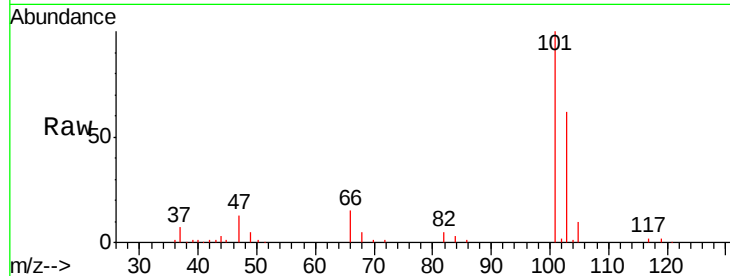
Trichlorofluoromethane
 Concen: 20.83 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

Tgt Ion: 101 Resp: 93286
 Ion Ratio Lower Upper
 101 100
 103 62.4 52.8 79.2

Manual Integrations
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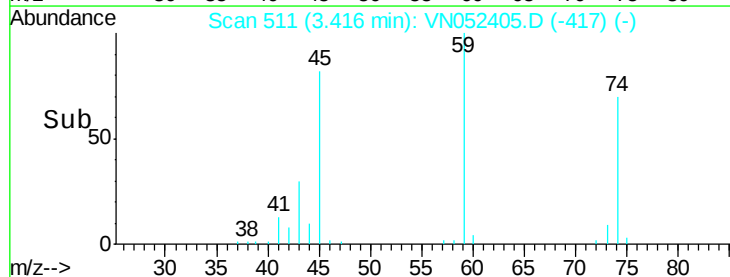
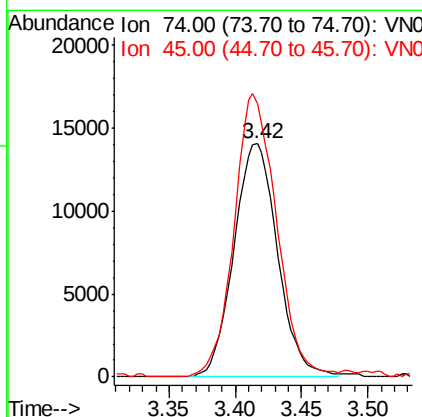
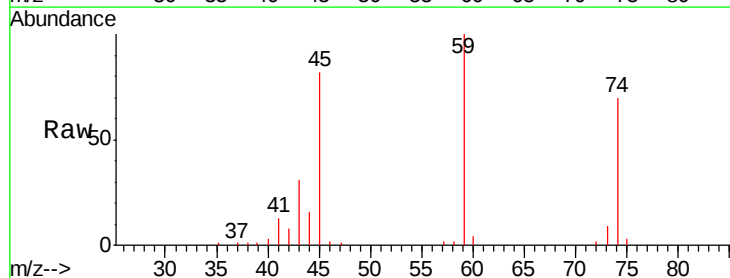
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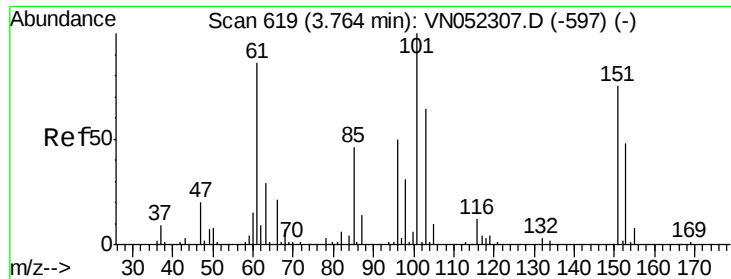


#8

Diethyl Ether
 Concen: 18.85 ug/l
 RT: 3.42 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion: 74 Resp: 32170
 Ion Ratio Lower Upper
 74 100
 45 118.2 54.3 162.9





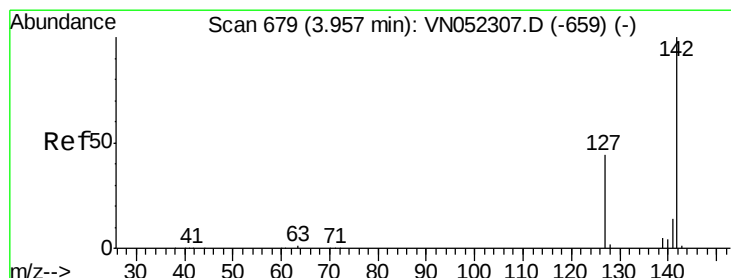
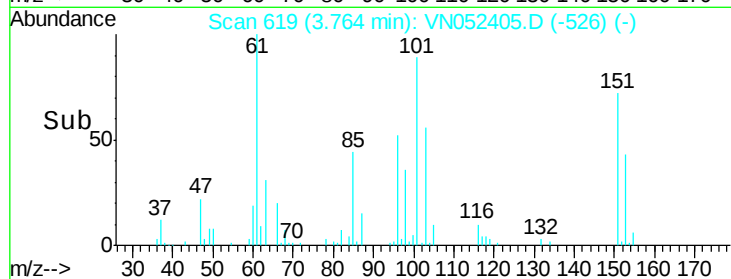
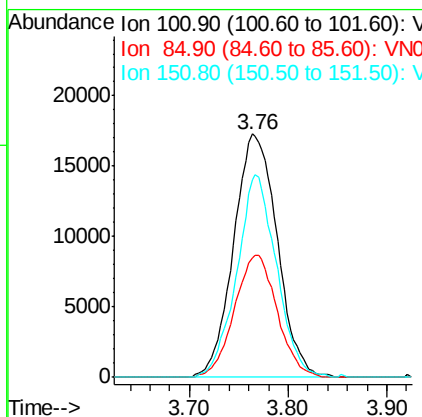
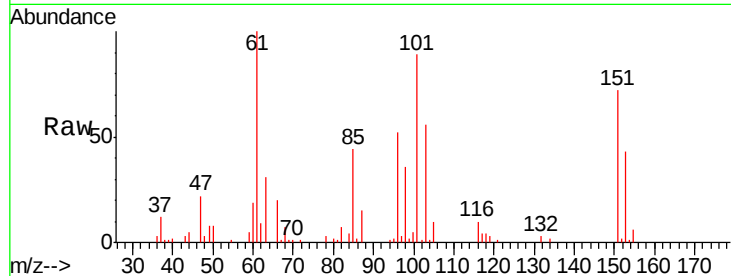
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.72 ug/l
 RT: 3.76 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

Tgt Ion	Ratio	Lower	Upper
101	100		
85	49.3	37.4	56.0
151	76.0	58.6	88.0

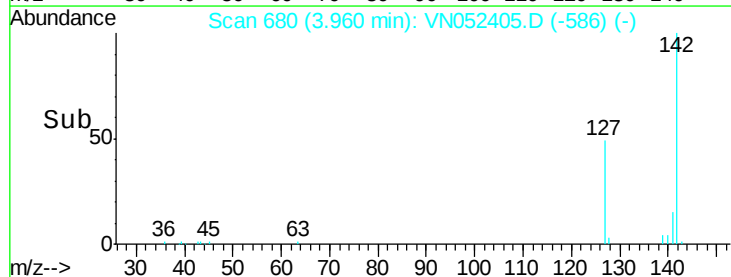
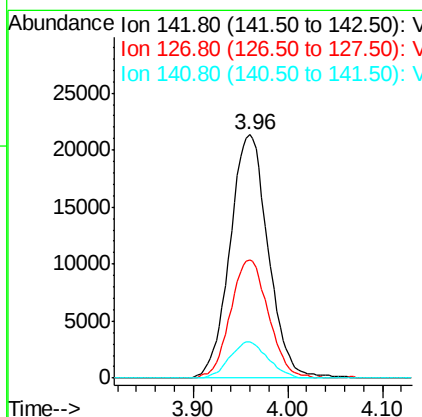
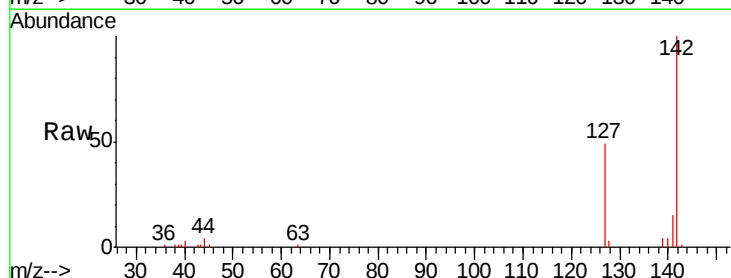
Manual Integrations
 APPROVED

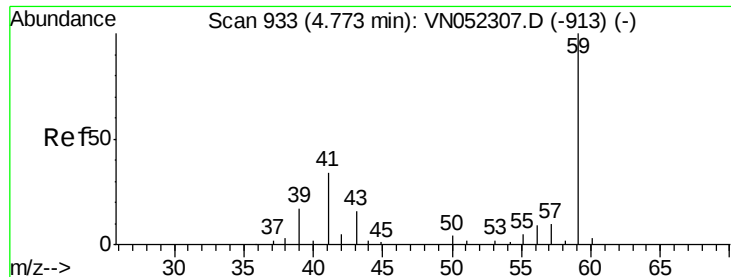
MMDadoda
 11/21/2018 5:12:39 PM



#10
 Methyl Iodide
 Concen: 15.78 ug/l
 RT: 3.96 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion	Ratio	Lower	Upper
142	100		
127	48.1	36.3	54.5
141	14.7	11.4	17.2





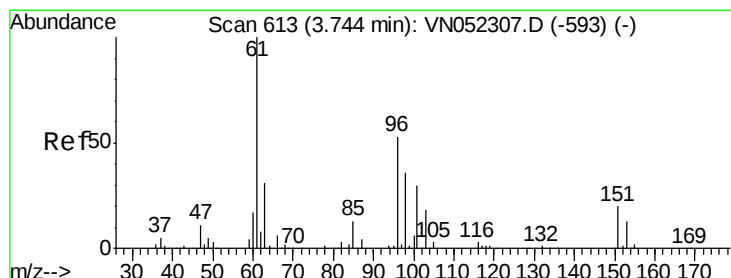
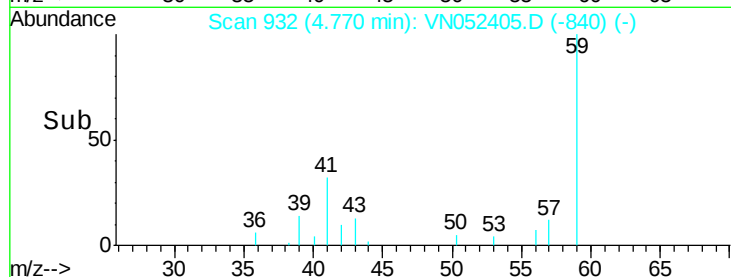
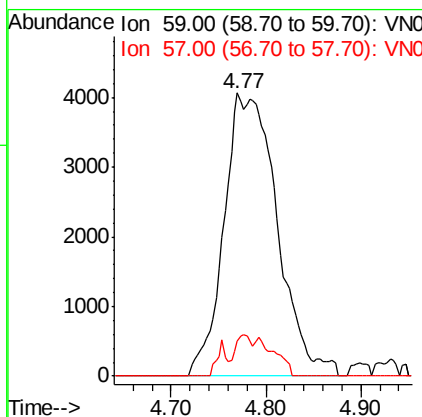
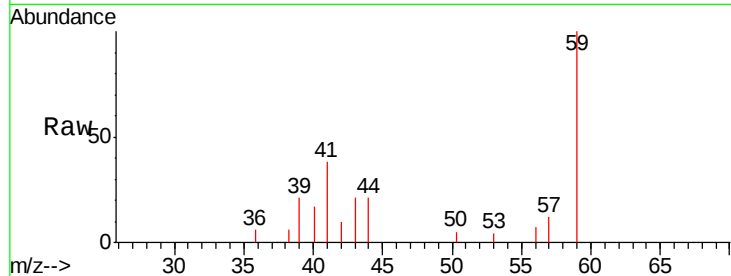
#11
Tert butyl alcohol
Concen: 83.15 ug/l m
RT: 4.77 min Scan# 932
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Tgt Ion: 59 Resp: 15766
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

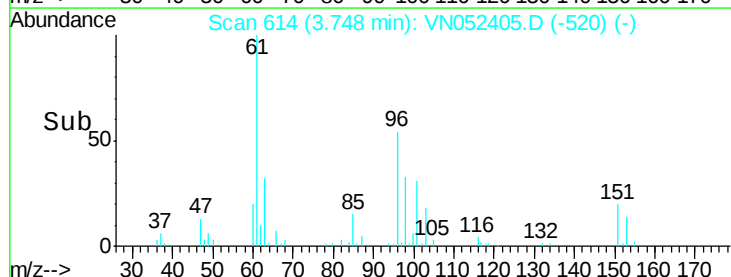
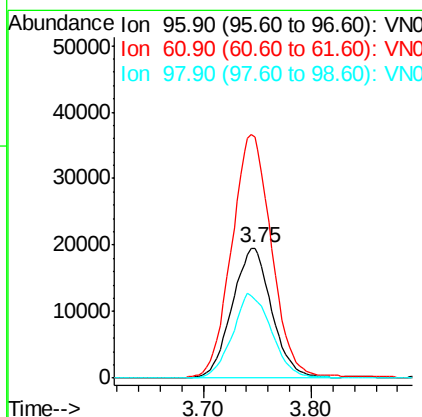
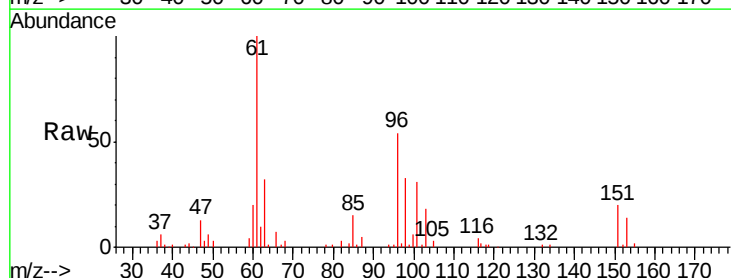
Manual Integrations
APPROVED

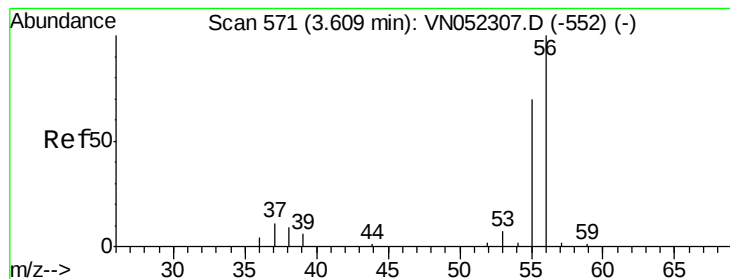
MMDadoda
11/21/2018 5:12:39 PM



#12
1,1-Dichloroethene
Concen: 19.09 ug/l
RT: 3.75 min Scan# 614
Delta R.T. 0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Tgt Ion: 96 Resp: 49950
Ion Ratio Lower Upper
96 100
61 184.5 149.6 224.4
98 60.6 54.2 81.2





#13

Acrolein

Concen: 97.13 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1120WBSD01

Tgt Ion: 56 Resp: 23608

Ion Ratio Lower Upper

56 100

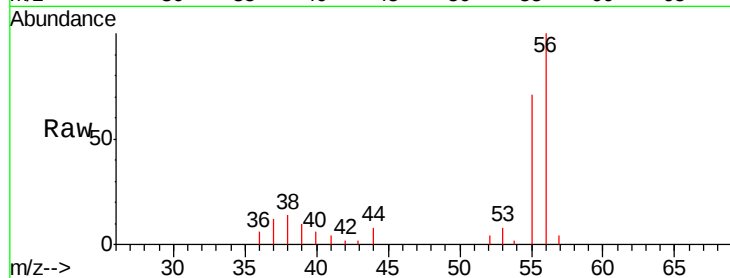
55 72.7 57.6 86.4

Manual Integrations

APPROVED

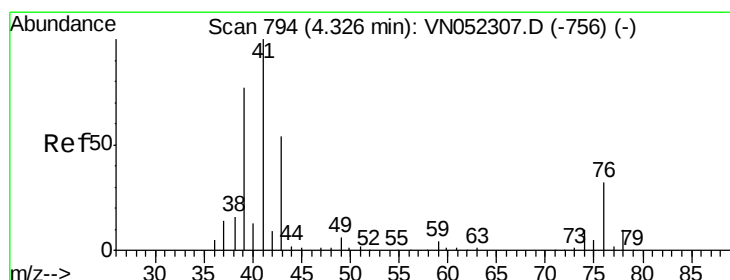
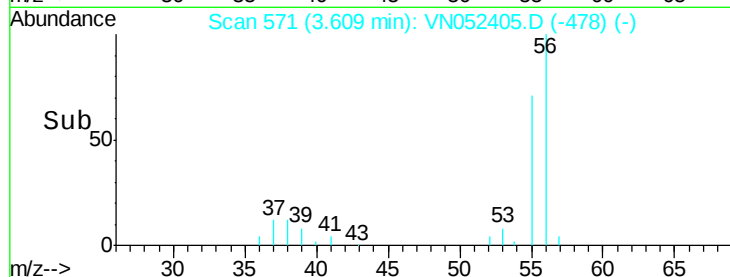
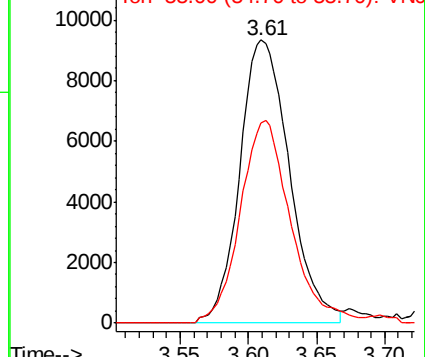
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 20.07 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

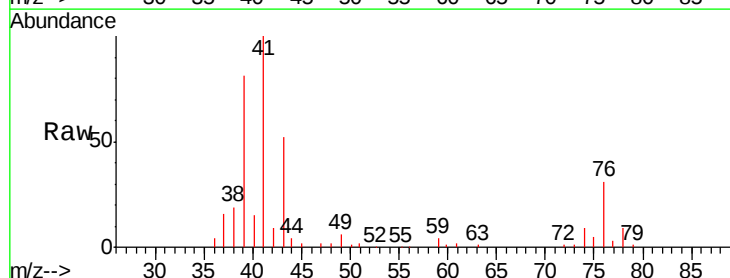
Tgt Ion: 41 Resp: 107858

Ion Ratio Lower Upper

41 100

39 79.1 59.1 88.7

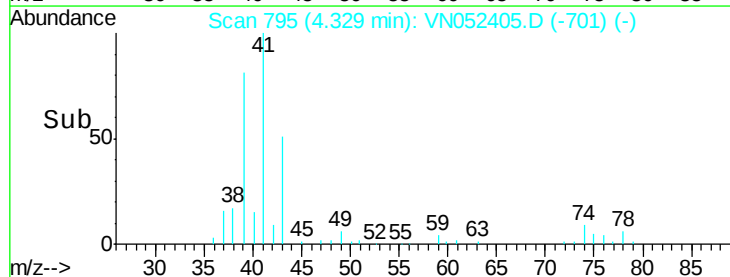
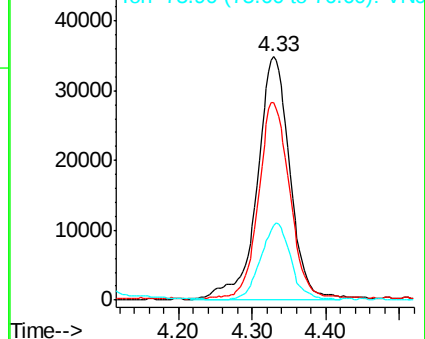
76 29.1 24.1 36.1

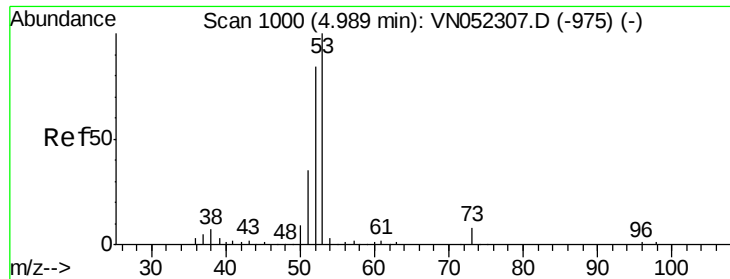


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 95.02 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

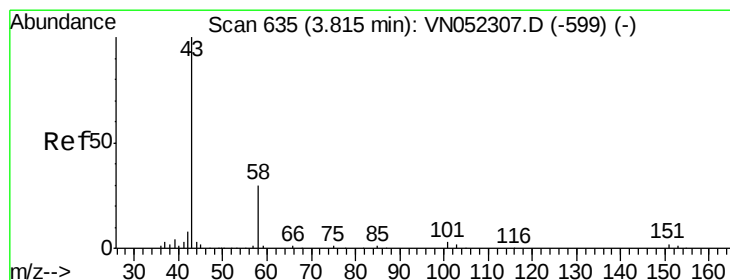
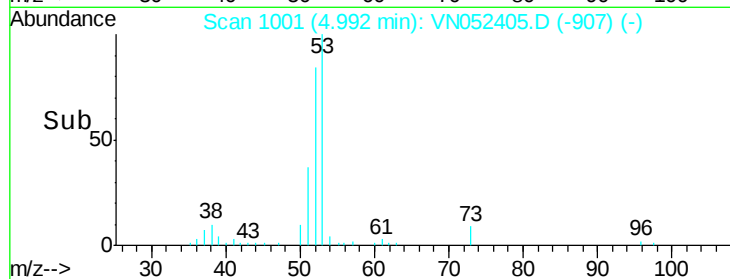
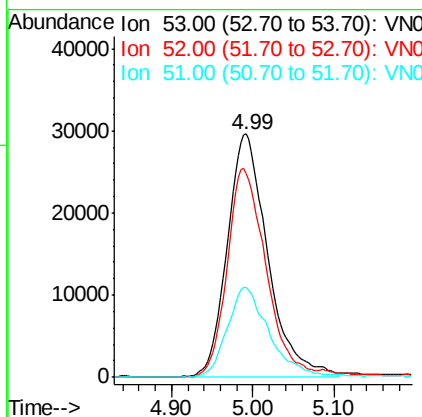
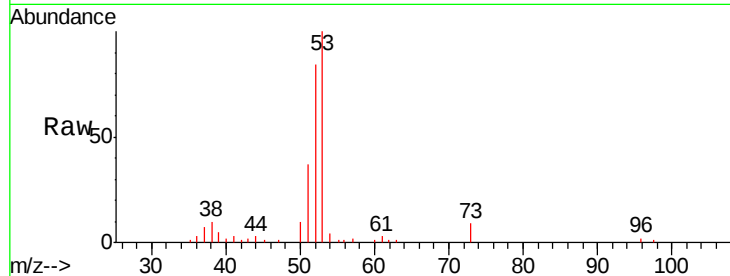
ClientSampleId :

VN1120WBSD01

Tgt Ion:	53	Resp:	102879
Ion	Ratio	Lower	Upper
53	100		
52	81.9	67.5	101.3
51	38.8	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 88.16 ug/l

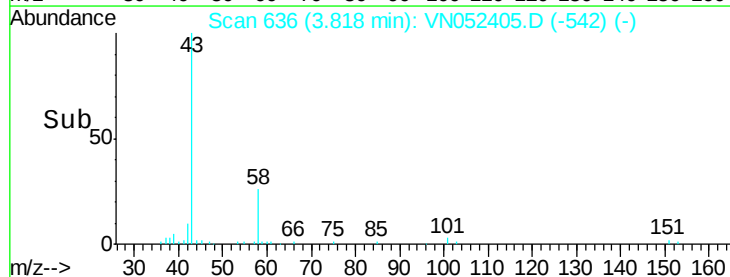
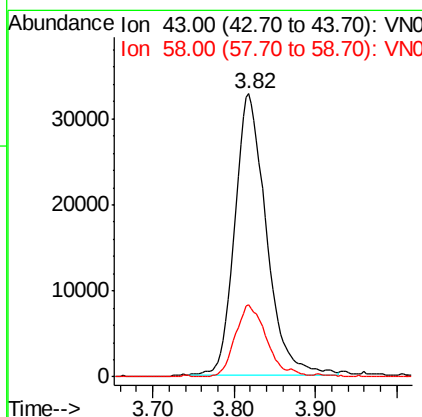
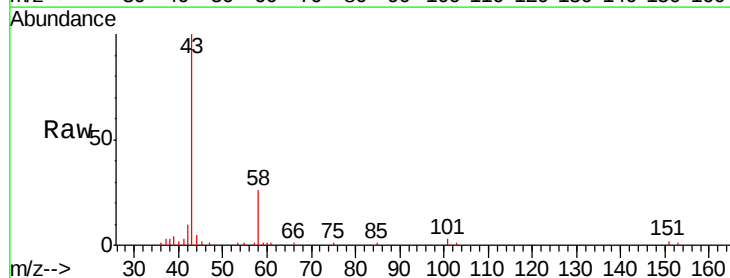
RT: 3.82 min Scan# 636

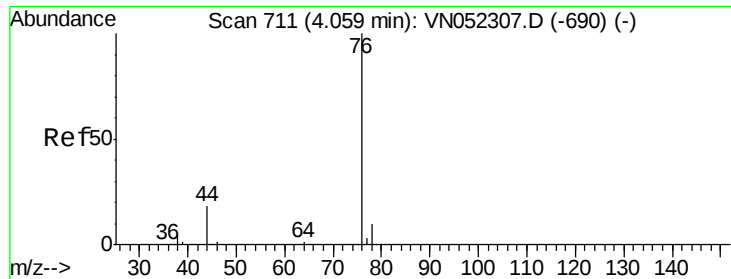
Delta R.T. 0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Tgt Ion:	43	Resp:	87148
Ion	Ratio	Lower	Upper
43	100		
58	25.9	24.2	36.4





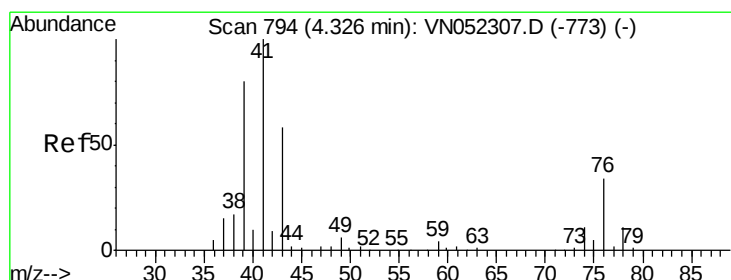
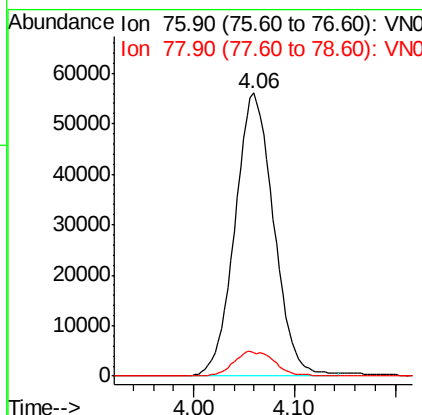
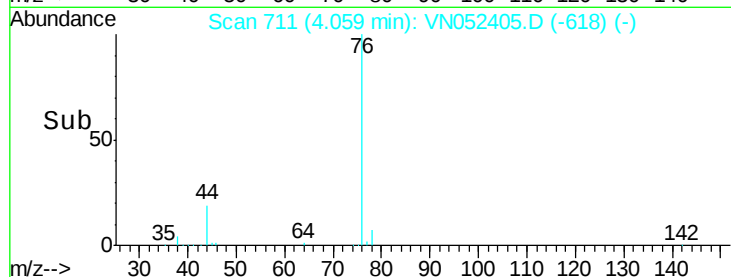
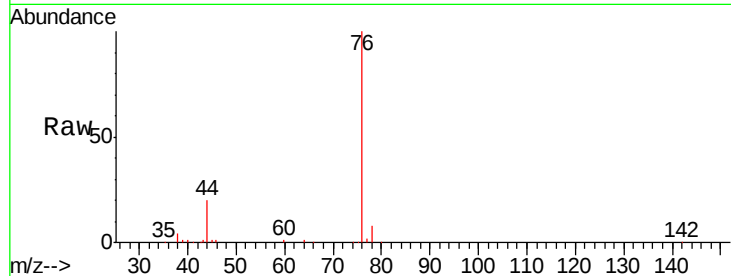
#17
Carbon Disulfide
Concen: 19.88 ug/l
RT: 4.06 min Scan# 711
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Tgt Ion: 76 Resp: 149195
Ion Ratio Lower Upper
76 100
78 8.1 7.7 11.5

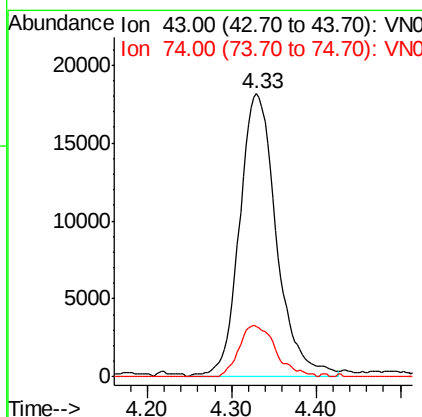
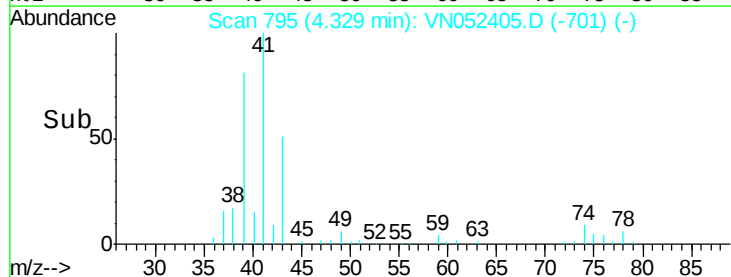
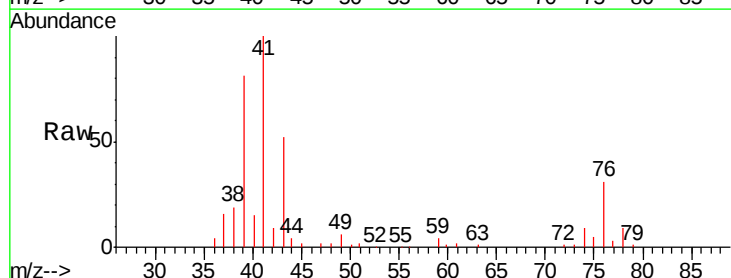
Manual Integrations
APPROVED

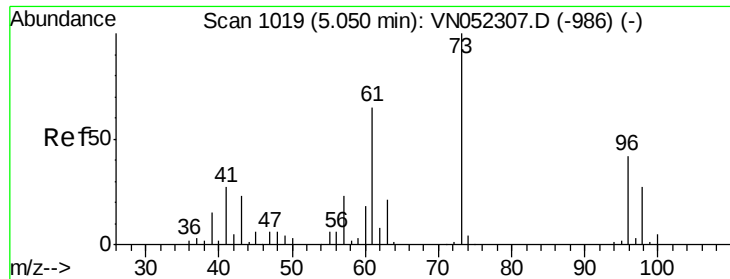
MMDadoda
11/21/2018 5:12:39 PM



#18
Methyl Acetate
Concen: 20.30 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Tgt Ion: 43 Resp: 55514
Ion Ratio Lower Upper
43 100
74 18.1 15.9 23.9





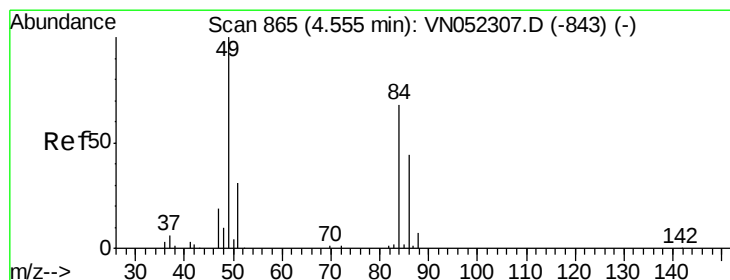
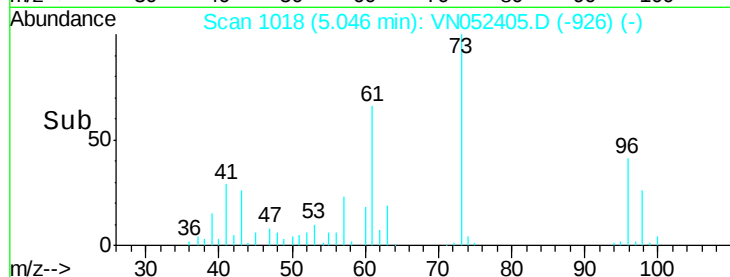
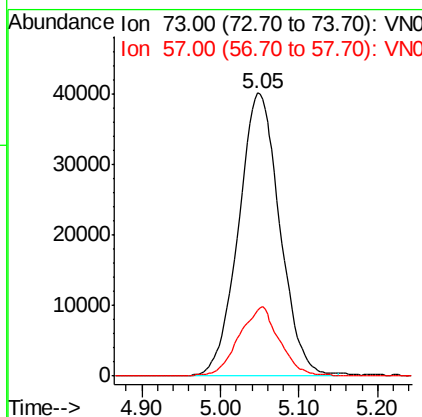
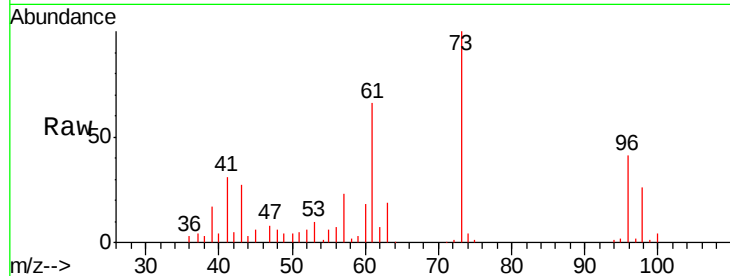
#19
Methyl tert-butyl Ether
Concen: 19.68 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Tgt Ion: 73 Resp: 148005
Ion Ratio Lower Upper
73 100
57 23.2 18.7 28.1

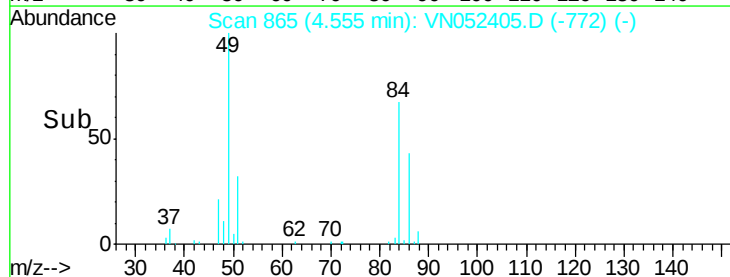
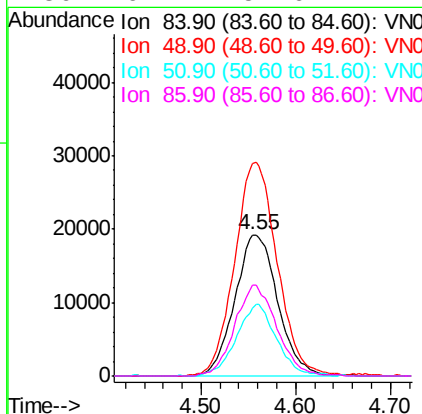
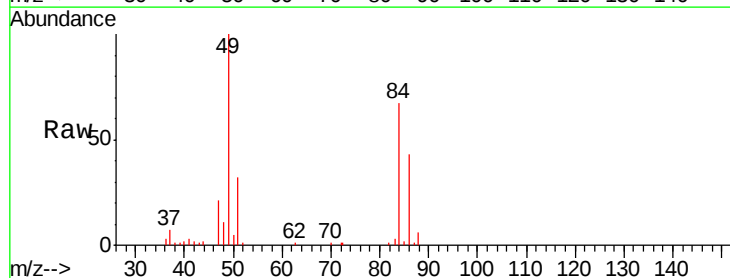
Manual Integrations
APPROVED

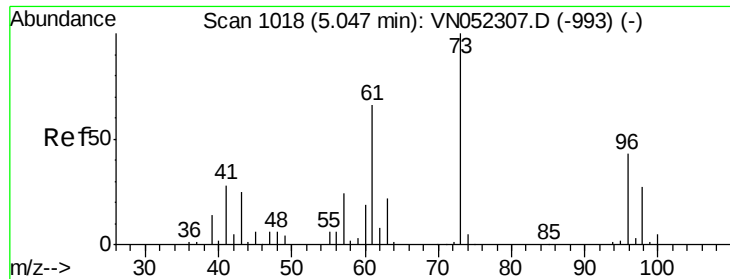
MMDadoda
11/21/2018 5:12:39 PM



#20
Methylene Chloride
Concen: 19.66 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Tgt Ion: 84 Resp: 60409
Ion Ratio Lower Upper
84 100
49 149.3 118.2 177.2
51 48.0 36.1 54.1
86 64.2 51.6 77.4





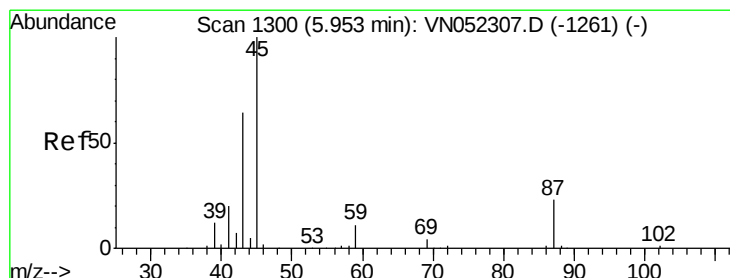
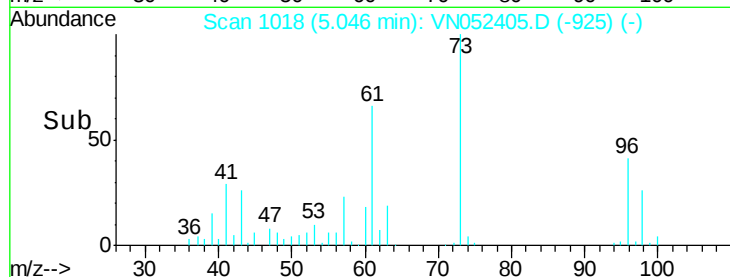
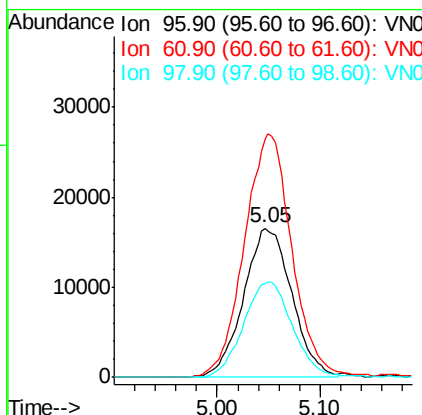
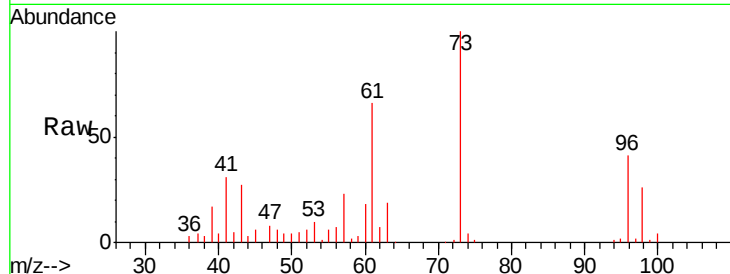
#21
trans-1,2-Dichloroethene
Concen: 19.13 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.8	123.6	185.4
98	62.9	50.7	76.1

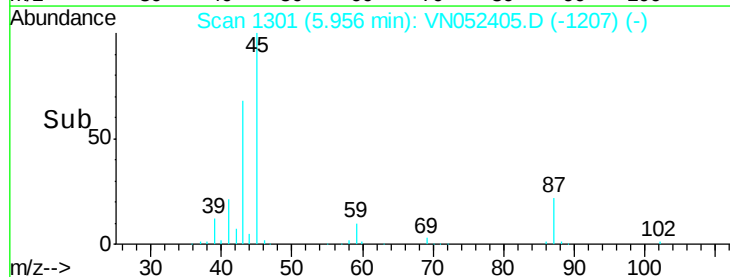
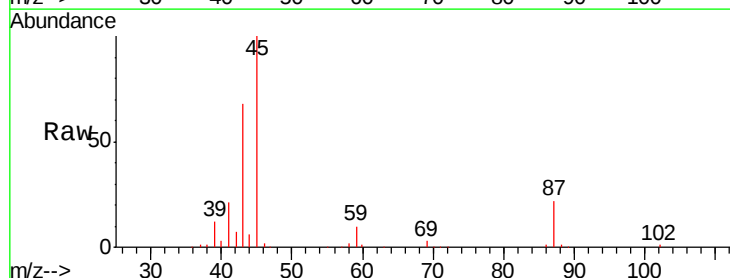
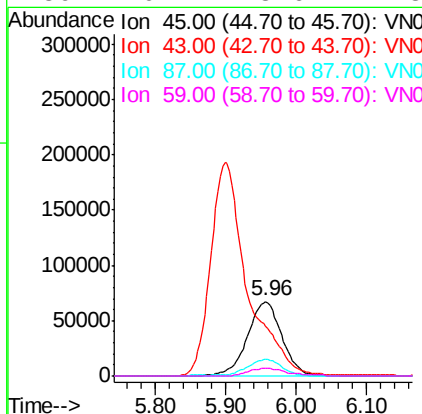
Manual Integrations
APPROVED

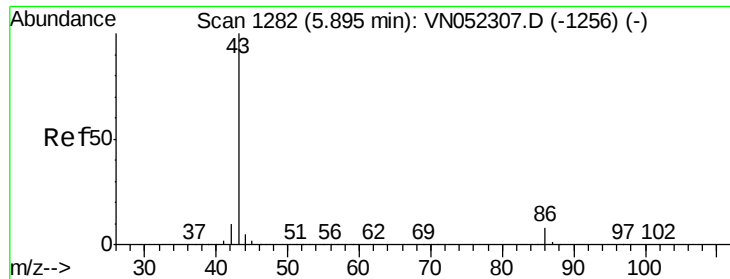
MMDadoda
11/21/2018 5:12:39 PM



#22
Diisopropyl ether
Concen: 20.84 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.0	51.4	77.2
87	22.3	18.8	28.2
59	10.1	8.6	12.8





#23

Vinyl Acetate

Concen: 94.33 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1120WBSD01

Tgt Ion: 43 Resp: 701563

Ion Ratio Lower Upper

43 100

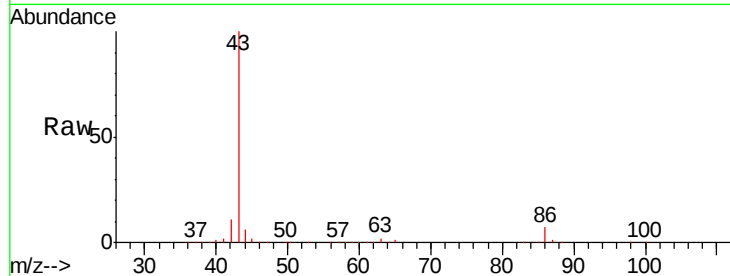
86 7.3 6.5 9.7

Manual Integrations

APPROVED

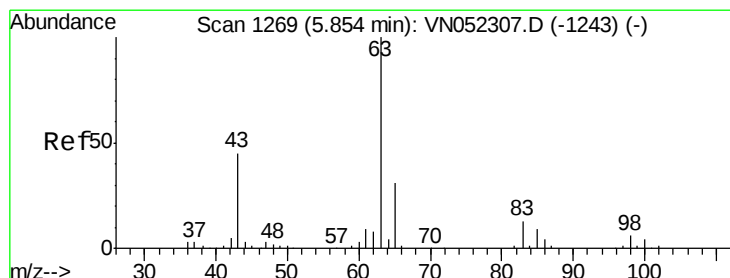
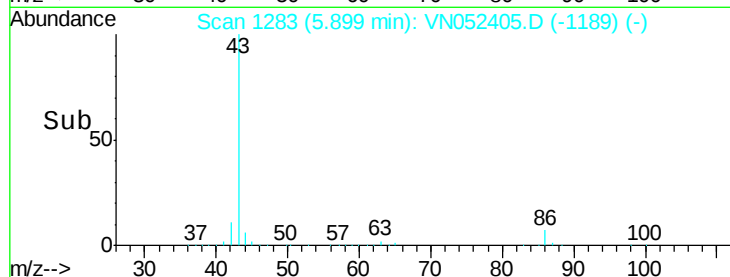
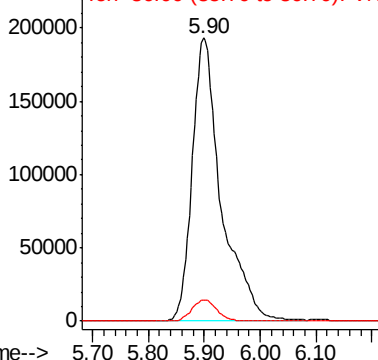
MMDadoda

11/21/2018 5:12:39 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 20.12 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

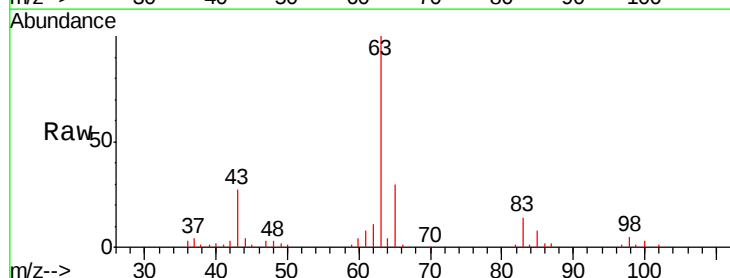
Tgt Ion: 63 Resp: 118296

Ion Ratio Lower Upper

63 100

98 5.2 2.9 8.6

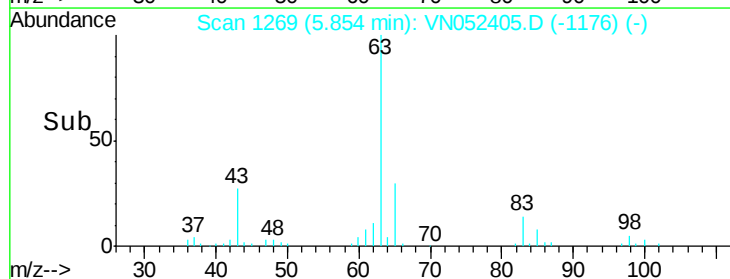
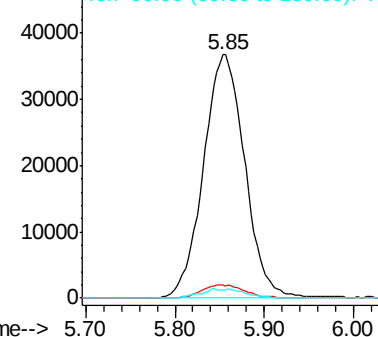
100 3.3 1.9 5.7

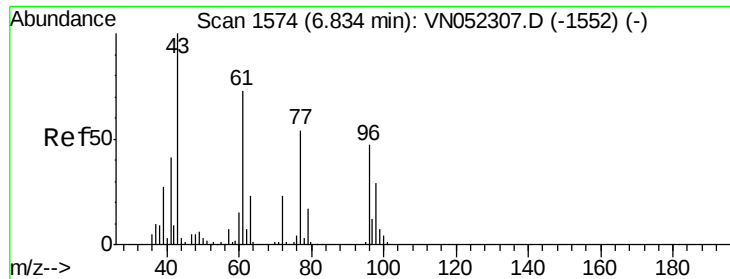


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 92.75 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.01 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1120WBSD01

Tgt Ion: 43 Resp: 129051

Ion Ratio Lower Upper

43 100

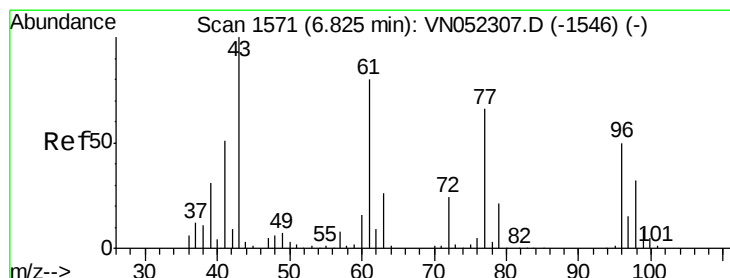
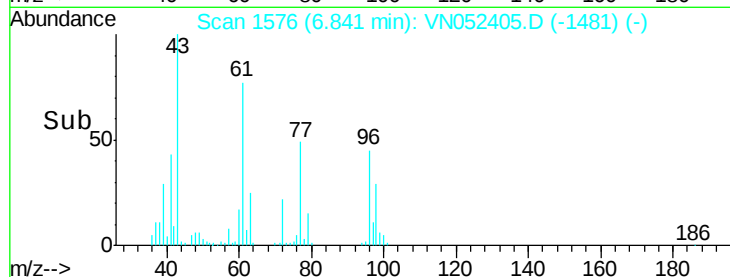
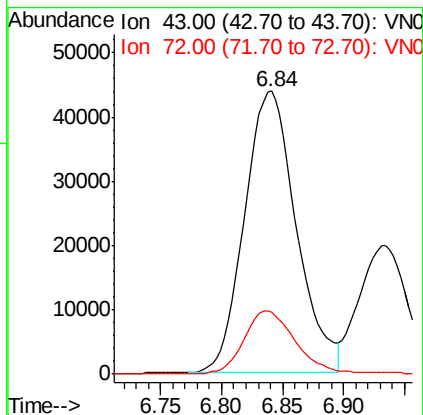
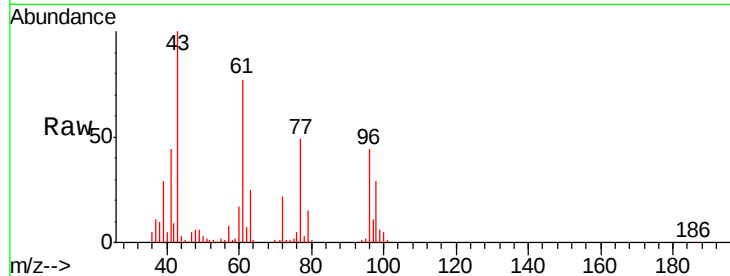
72 21.9 18.6 27.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.28 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.01 min

Lab File: VN052405.D

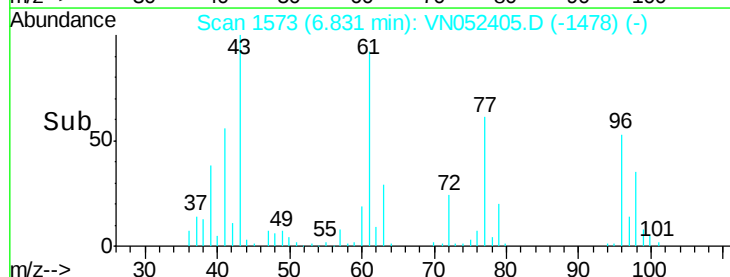
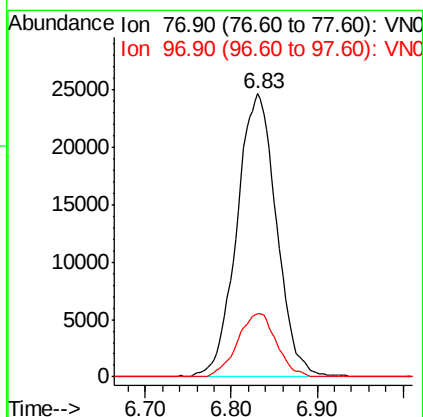
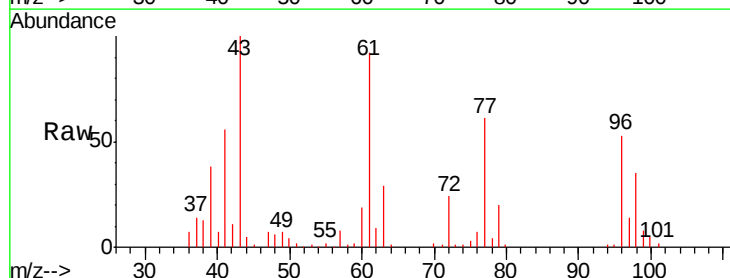
Acq: 20 Nov 2018 14:12

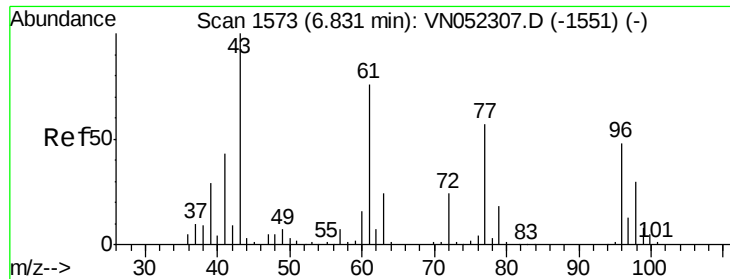
Tgt Ion: 77 Resp: 79030

Ion Ratio Lower Upper

77 100

97 22.0 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 19.09 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

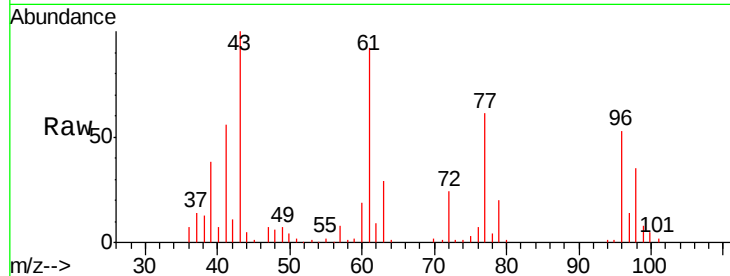
ClientSampleId :

VN1120WBSD01

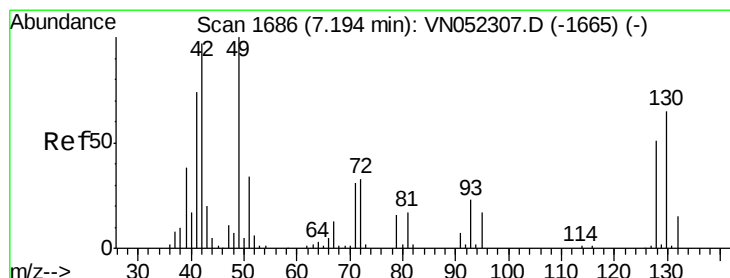
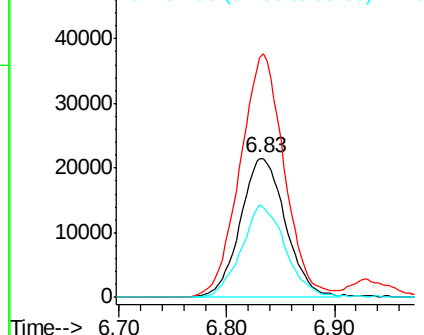
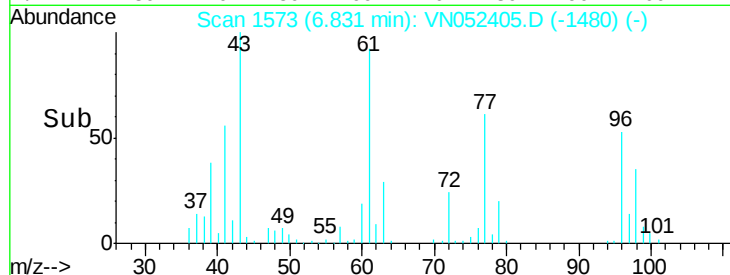
Tgt Ion:	96	Resp:	62596
Ion	Ratio	Lower	Upper
96	100		
61	171.2	0.0	316.8
98	64.6	0.0	126.6

Manual Integrations
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Abundance Ion 95.90 (95.60 to 96.60): VN052405.D (-1480) (-)



#28

Bromochloromethane

Concen: 21.90 ug/l

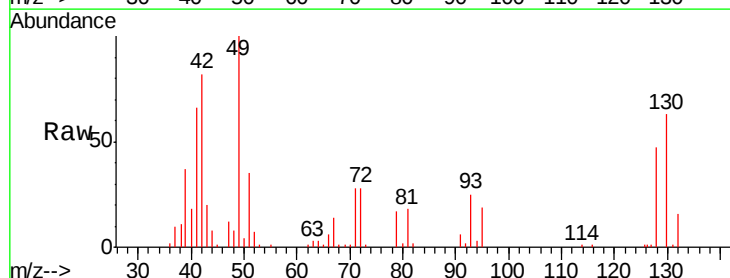
RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

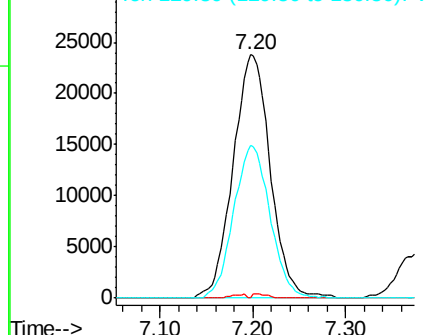
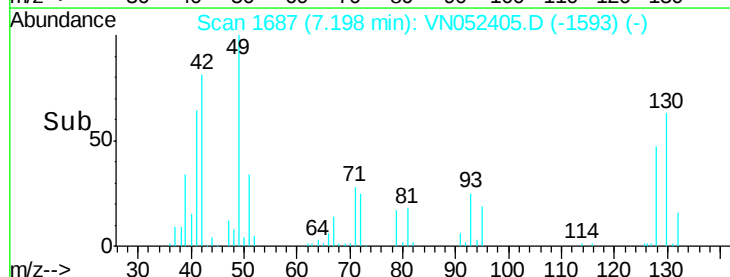
Lab File: VN052405.D

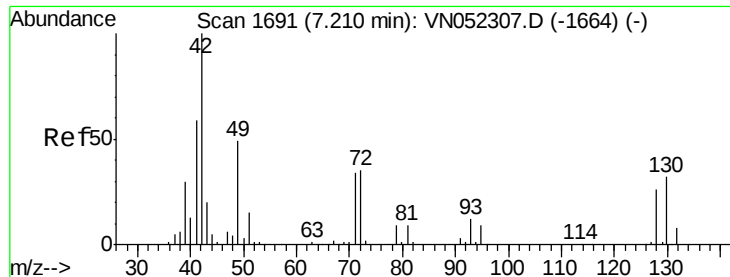
Acq: 20 Nov 2018 14:12

Tgt Ion:	49	Resp:	66210
Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	3.0
130	61.3	50.4	75.6



Abundance Ion 48.90 (48.60 to 49.60): VN052405.D (-1593) (-)





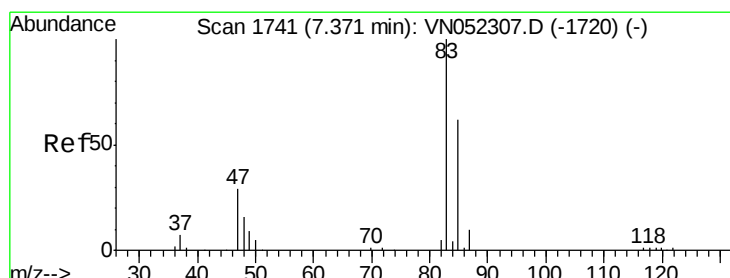
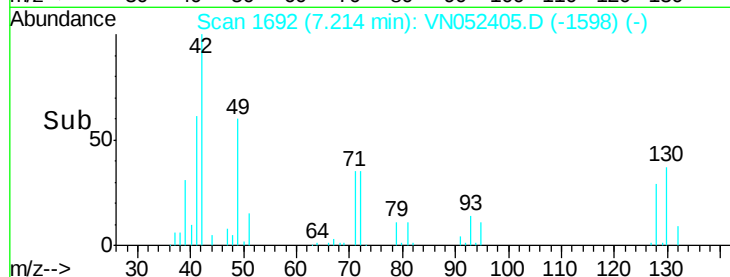
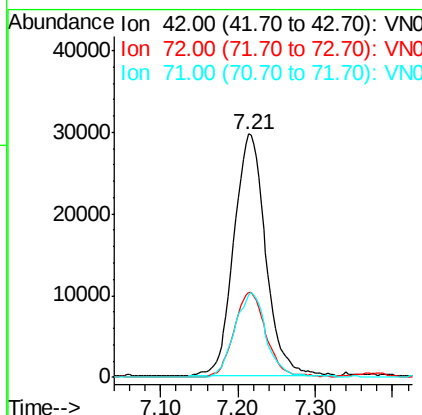
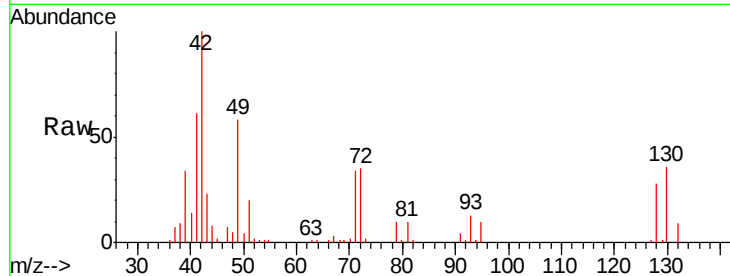
#29
Tetrahydrofuran
Concen: 92.51 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	34.8	28.6	42.8
71	34.5	26.7	40.1

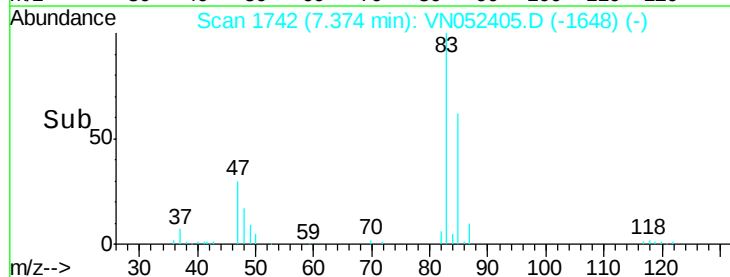
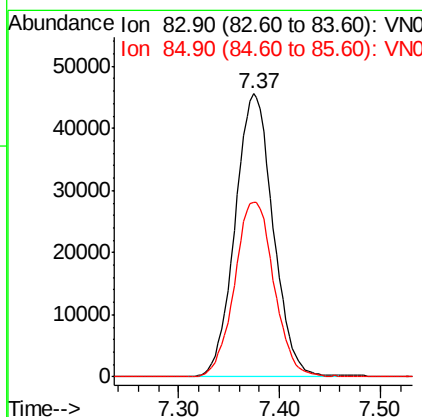
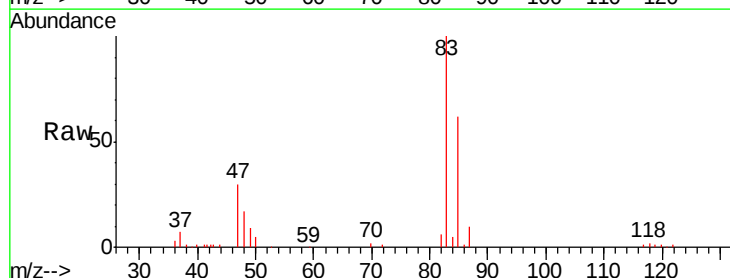
Manual Integrations
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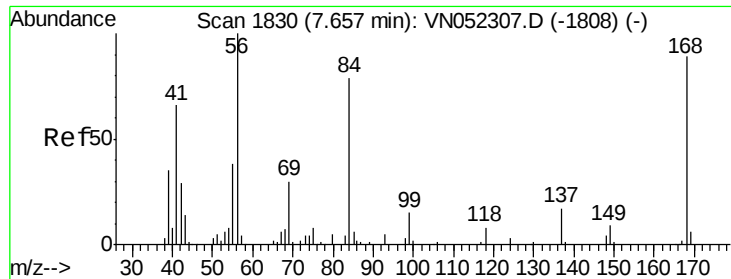
MMDadoda
11/21/2018 5:12:39 PM



#30
Chloroform
Concen: 21.28 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.8	49.4	74.2





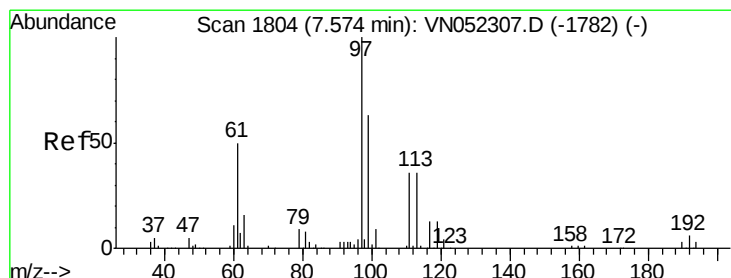
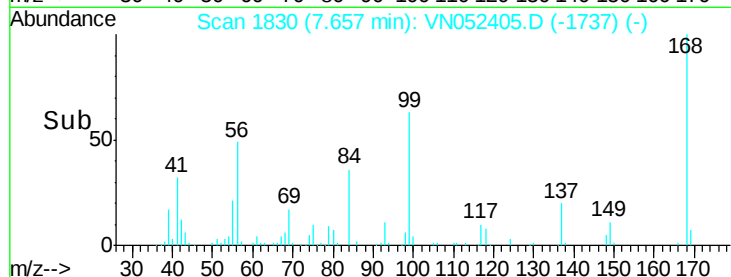
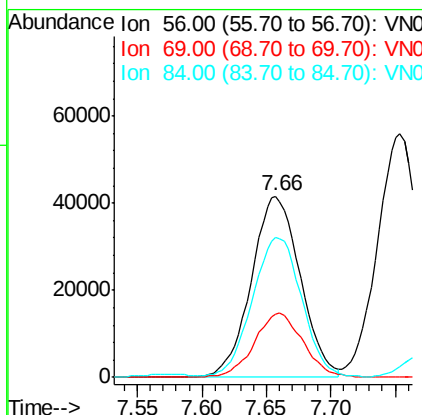
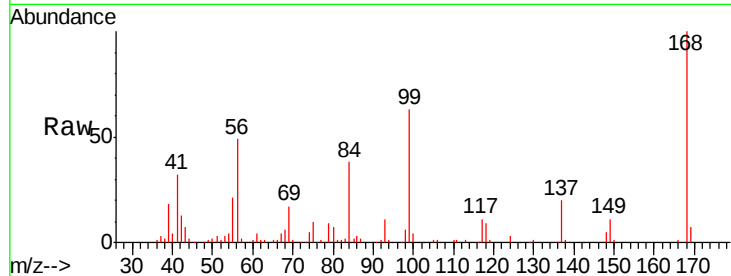
#31
Cyclohexane
Concen: 19.50 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	34.8	23.8	35.8
84	75.8	63.0	94.6

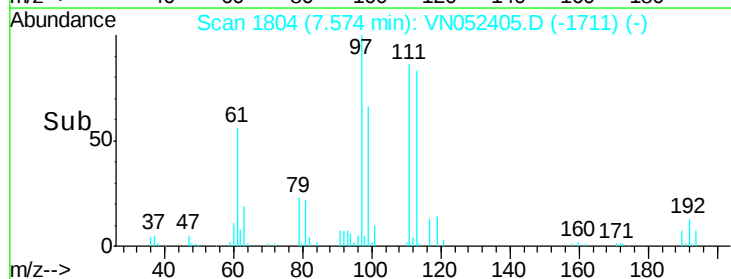
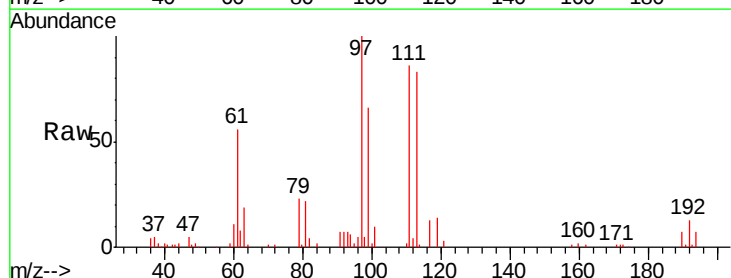
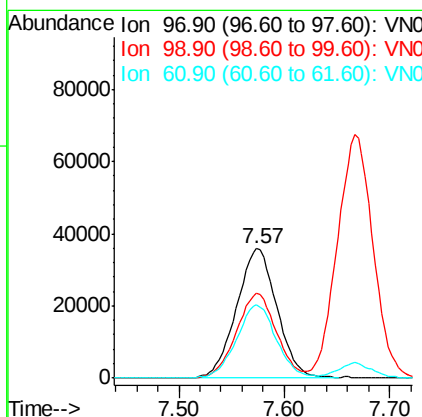
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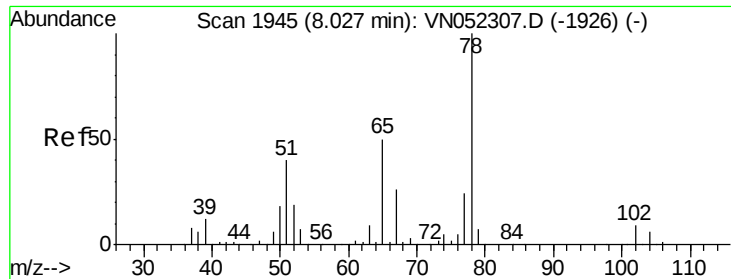
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#32
1,1,1-Trichloroethane
Concen: 20.02 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.2	75.2
61	56.0	40.2	60.4





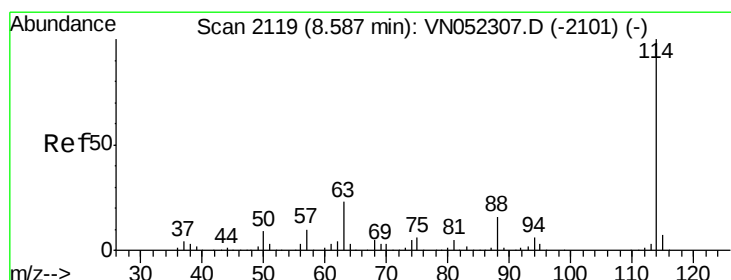
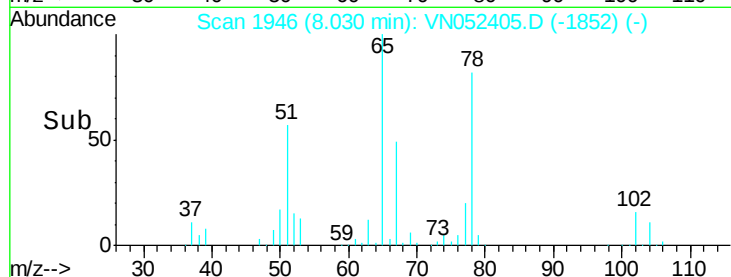
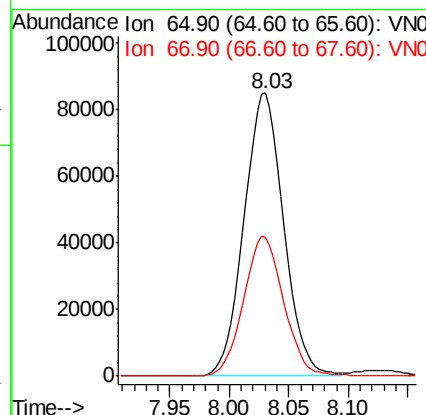
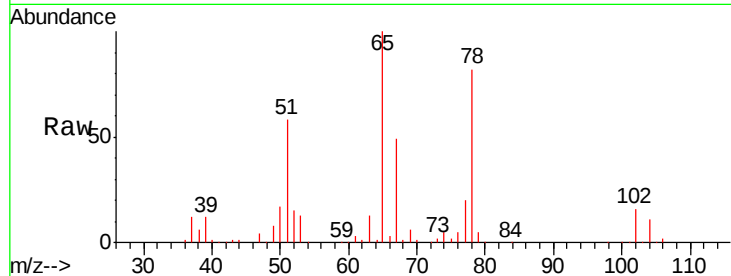
#33
 1,2-Dichloroethane-d4
 Concen: 20.02 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	196185		
67	50.0	0.0	105.2	

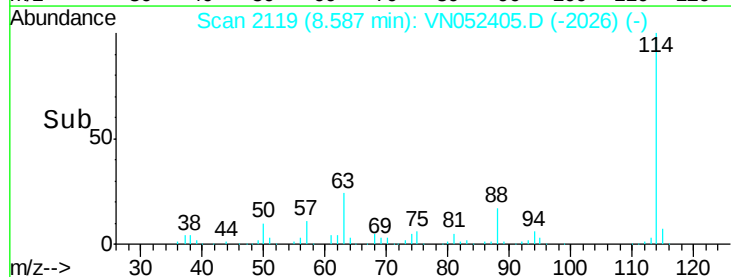
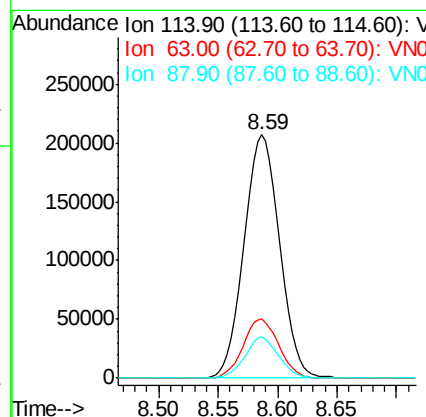
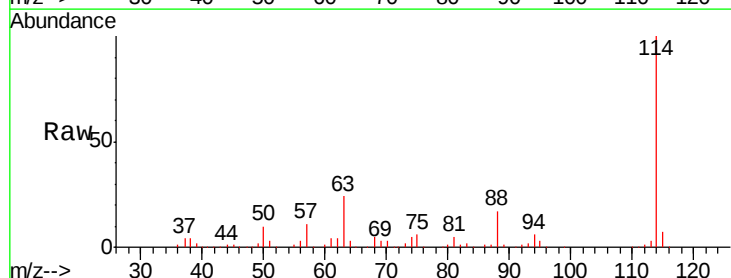
Manual Integrations
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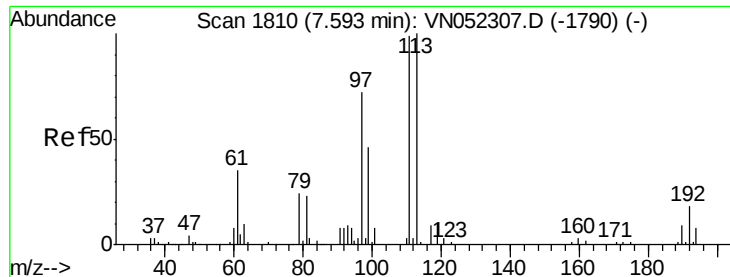
MMDadoda
 11/21/2018 5:12:39 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	429559		
63	24.1	0.0	45.4	
88	16.9	0.0	31.2	





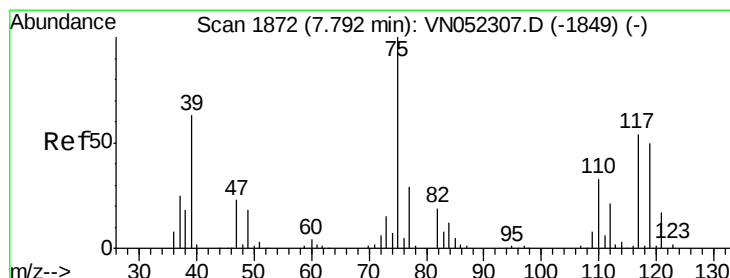
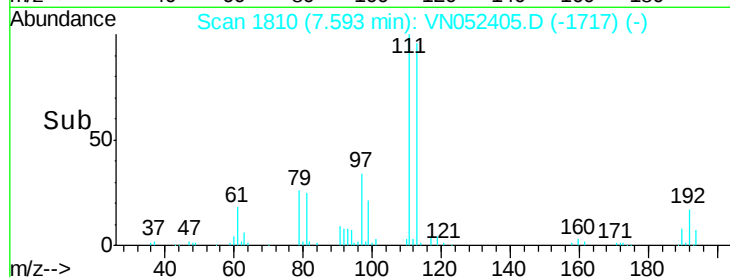
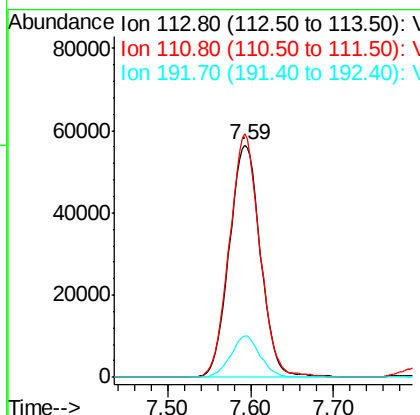
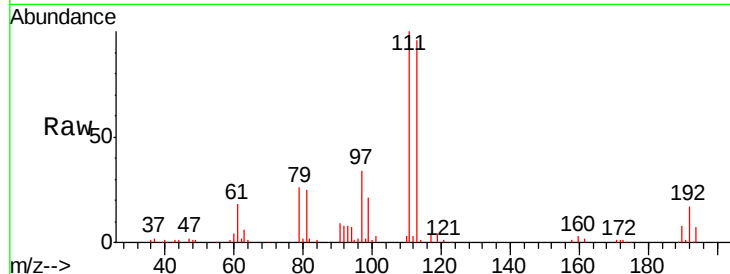
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.2	81.0	121.6	
192	16.8	13.8	20.6	

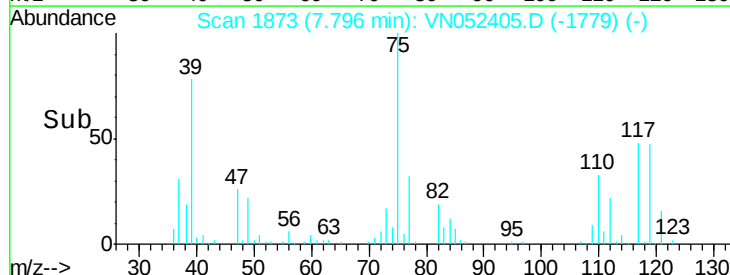
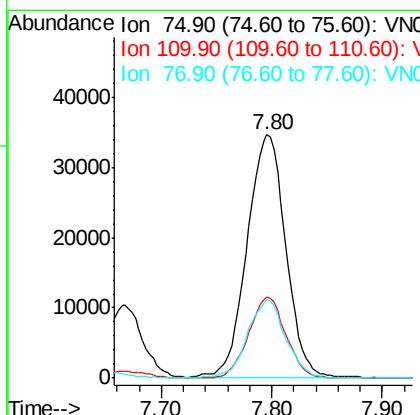
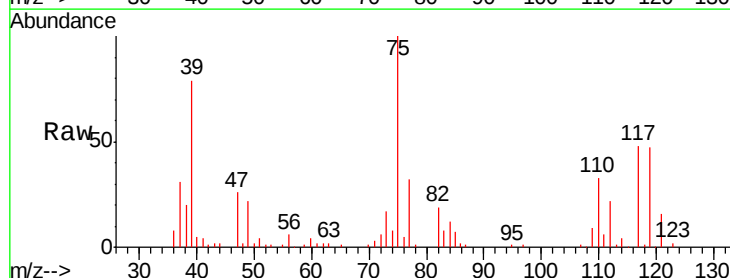
Manual Integrations
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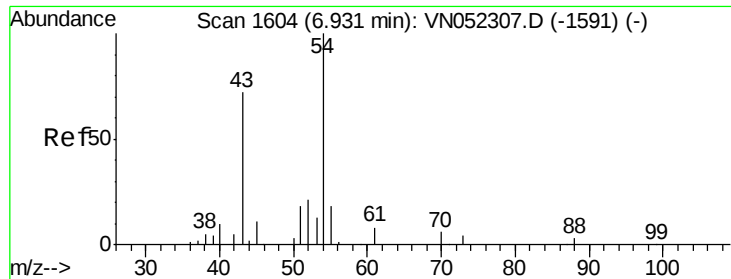
MMDadoda
 11/21/2018 5:12:39 PM



#36
 1,1-Dichloropropene
 Concen: 19.59 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	32.0	16.5	49.5	
77	31.7	24.2	36.2	





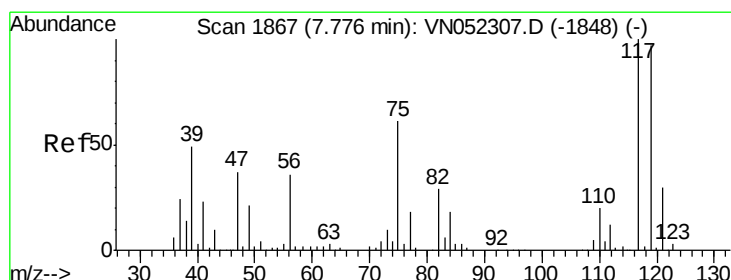
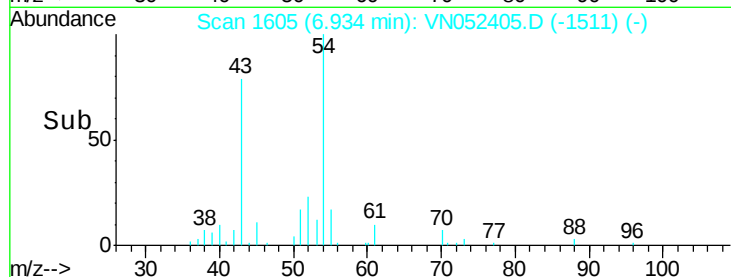
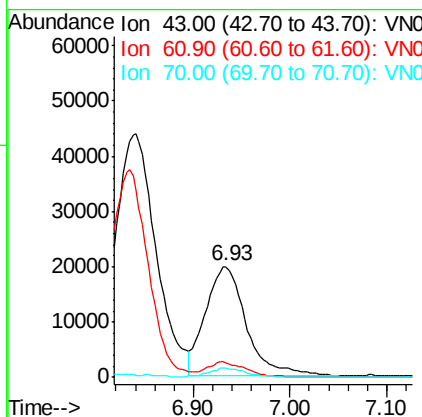
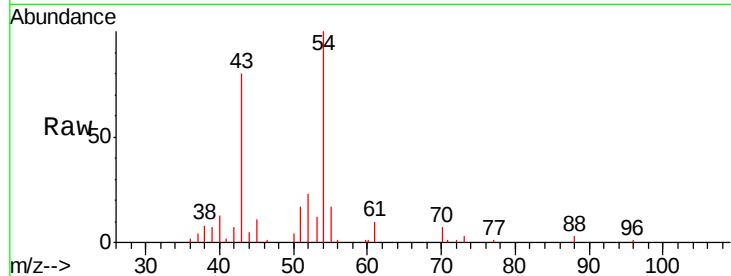
#37
Ethyl Acetate
Concen: 18.49 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Tgt Ion: 43 Resp: 57764
Ion Ratio Lower Upper
43 100
61 13.5 10.3 15.5
70 7.9 5.6 8.4

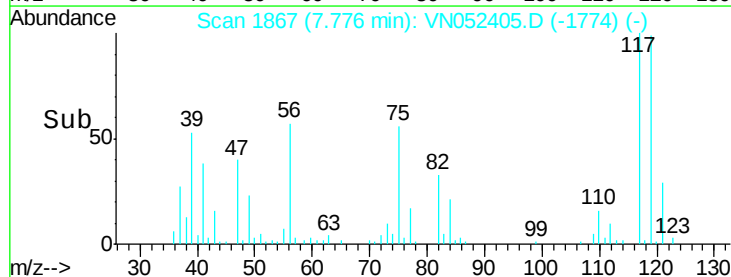
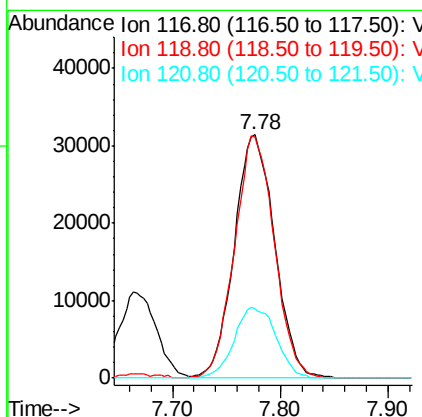
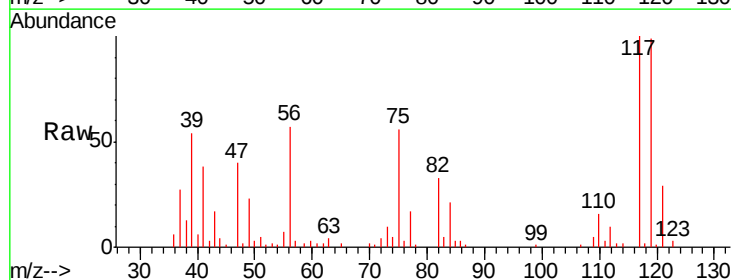
Manual Integrations
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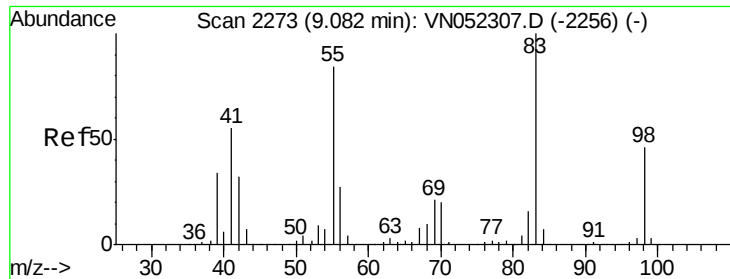
MMDadoda
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#38
Carbon Tetrachloride
Concen: 20.77 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Tgt Ion: 117 Resp: 82160
Ion Ratio Lower Upper
117 100
119 98.8 77.4 116.0
121 28.6 24.0 36.0





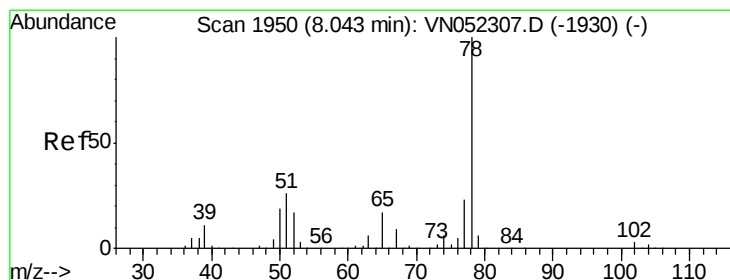
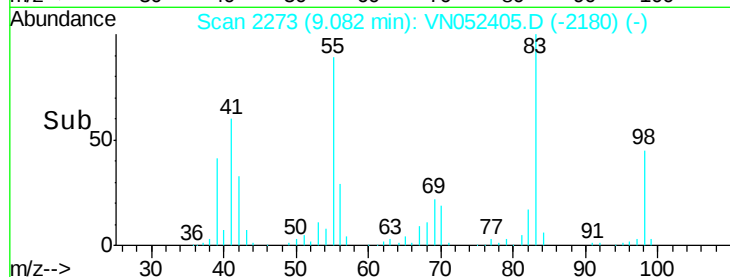
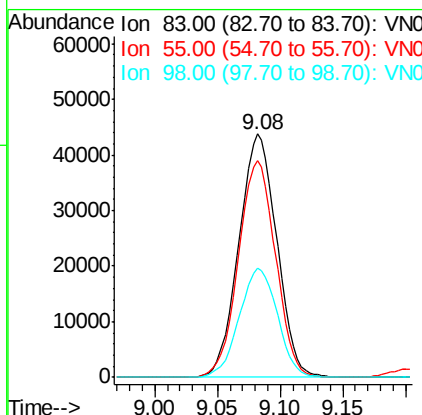
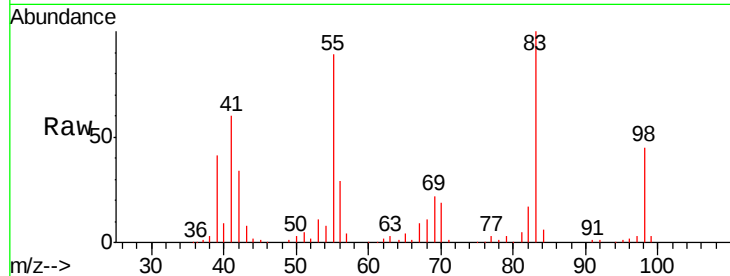
#39
Methylcyclohexane
Concen: 18.69 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	89.0	66.8	100.2
98	45.1	36.4	54.6

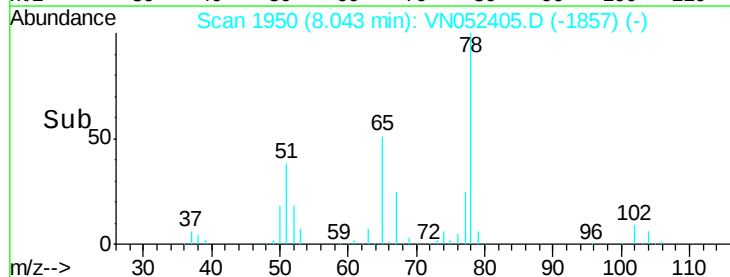
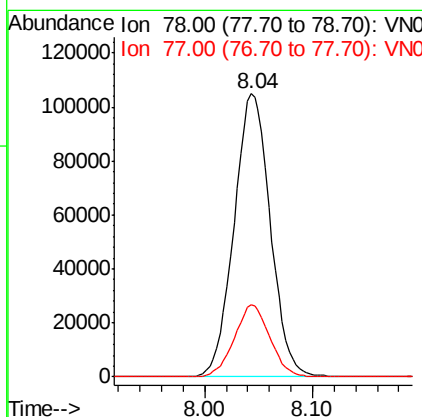
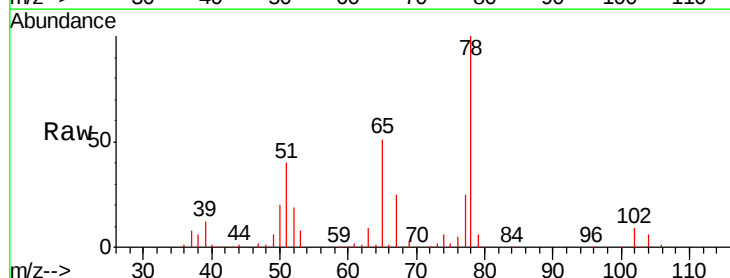
Manual Integrations
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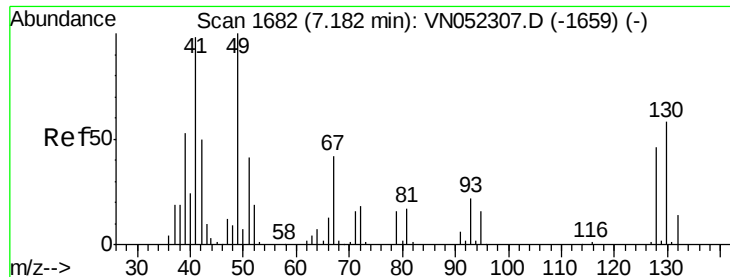
MMDadoda
11/21/2018 5:12:39 PM



#40
Benzene
Concen: 19.95 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.3	18.7	28.1





#41

Methacrylonitrile

Concen: 19.84 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.01 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1120WBSD01

Tgt Ion: 41 Resp: 30248

Ion Ratio Lower Upper

41 100

39 66.9 0.0 0.0#

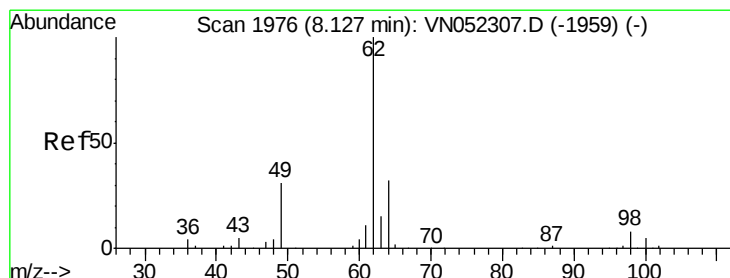
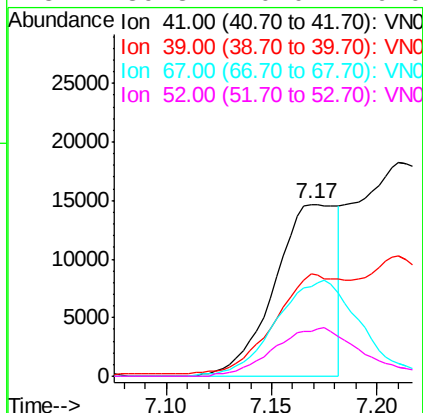
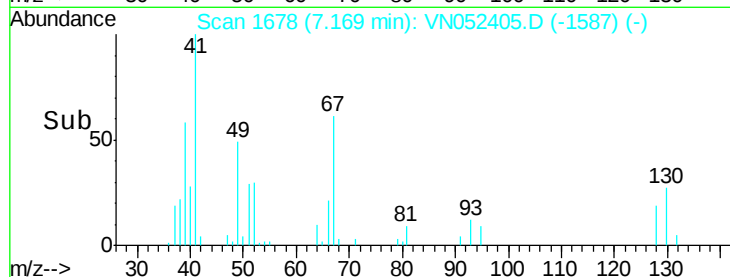
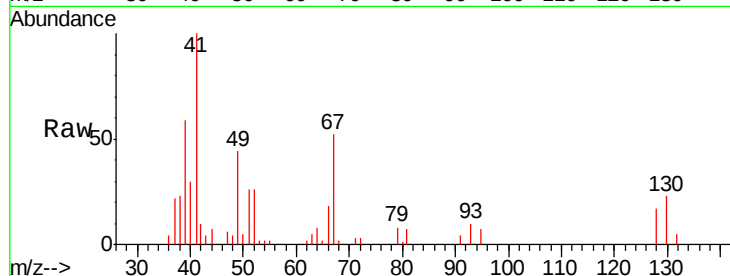
67 76.6 0.0 0.0#

52 39.3 0.0 0.0#

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 21.78 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN052405.D

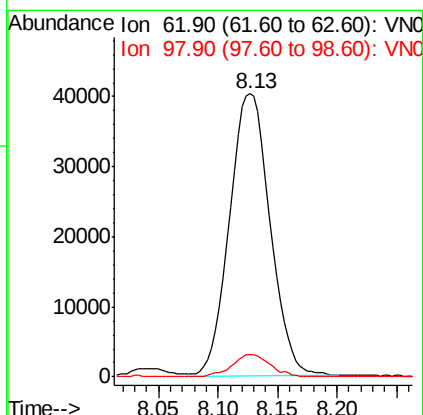
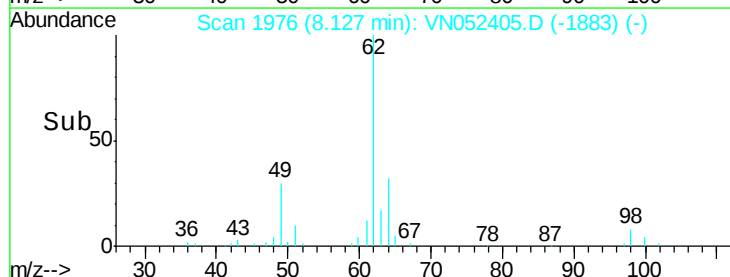
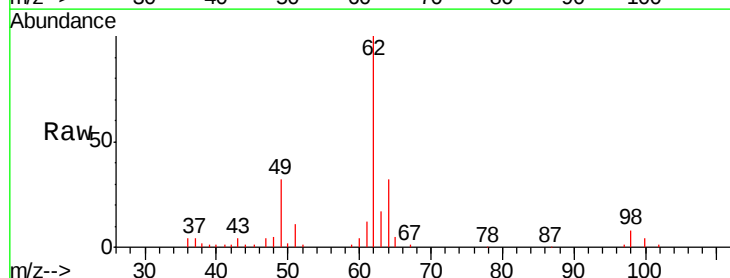
Acq: 20 Nov 2018 14:12

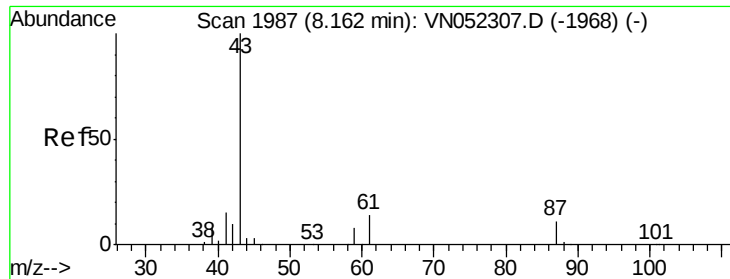
Tgt Ion: 62 Resp: 95534

Ion Ratio Lower Upper

62 100

98 7.4 0.0 15.6





#43

Isopropyl Acetate

Concen: 17.31 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

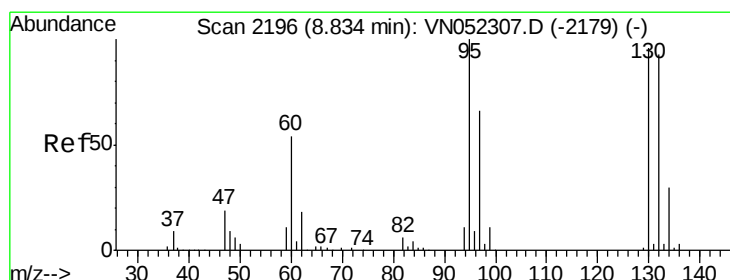
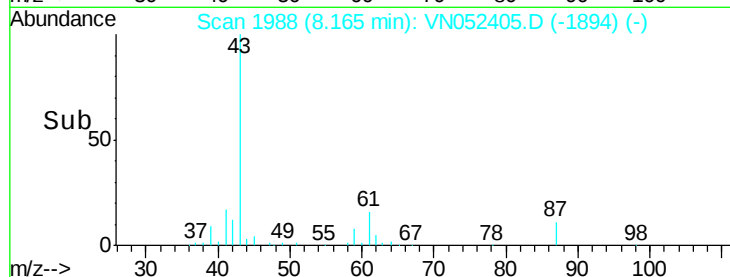
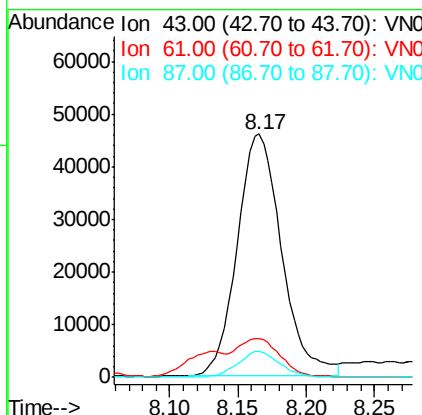
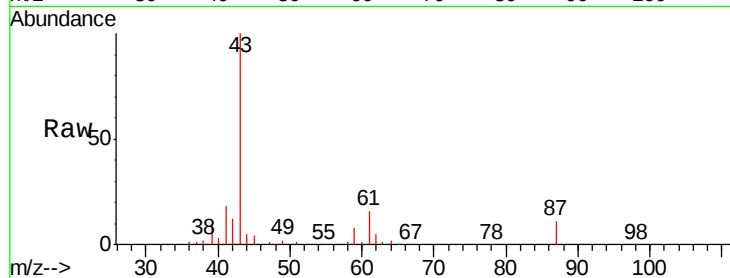
ClientSampleId :

VN1120WBSD01

Tgt Ion:	43	Resp:	104379
Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.0	18.0
87	9.8	8.3	12.5

Manual Integrations
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#44

Trichloroethene

Concen: 20.28 ug/l

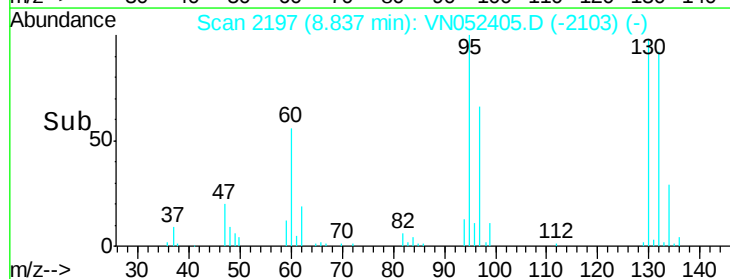
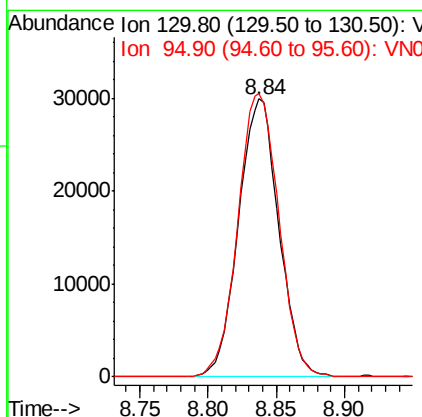
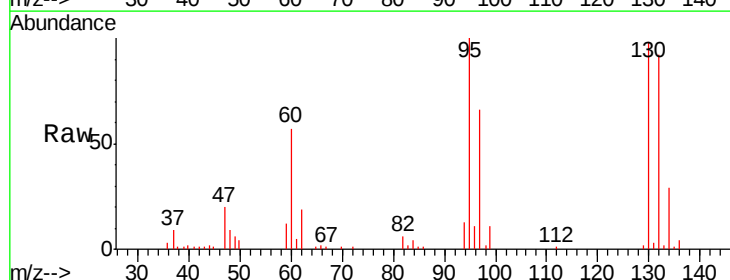
RT: 8.84 min Scan# 2197

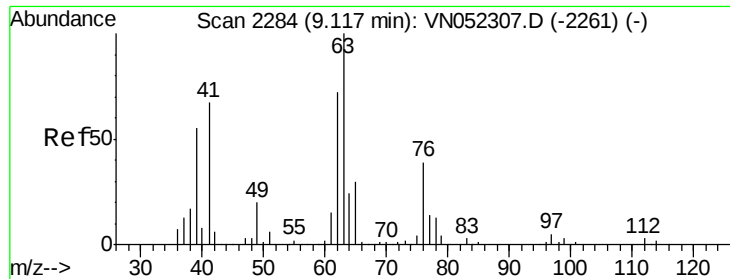
Delta R.T. 0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Tgt Ion:	130	Resp:	61448
Ion	Ratio	Lower	Upper
130	100		
95	101.8	0.0	208.4





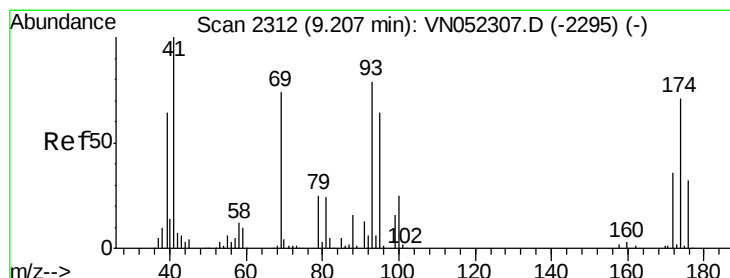
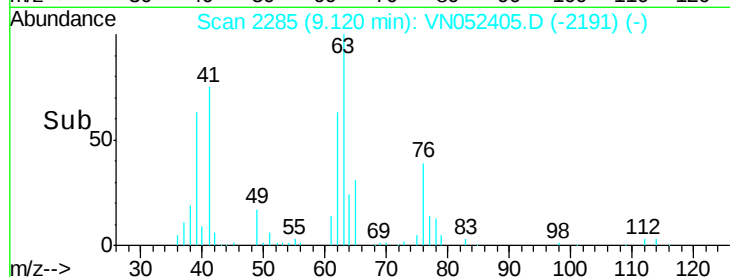
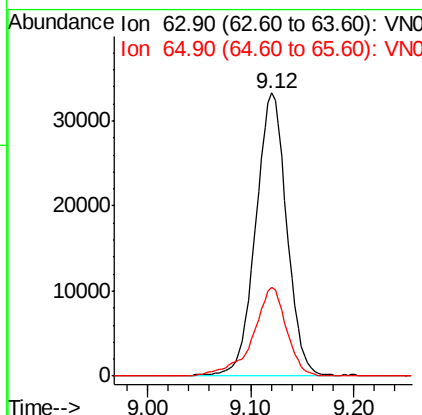
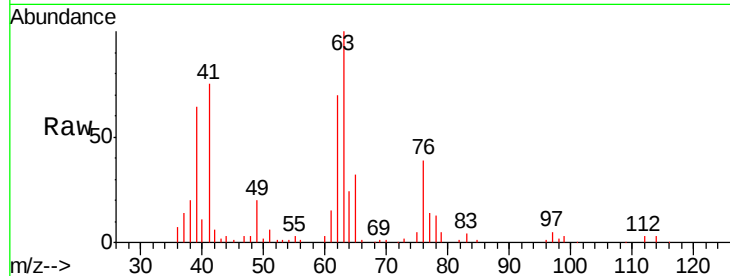
#45
 1,2-Dichloropropane
 Concen: 19.90 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

Tgt Ion: 63 Resp: 69471
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.2 36.4

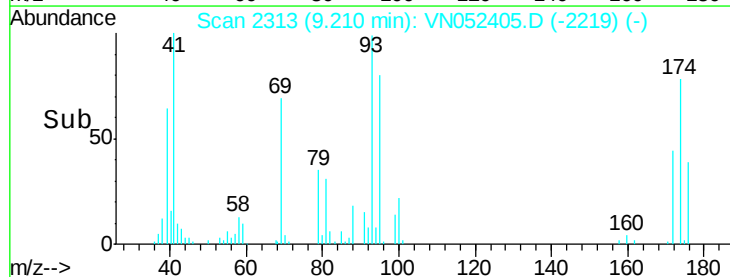
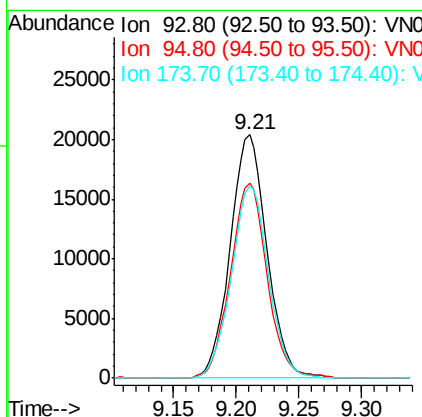
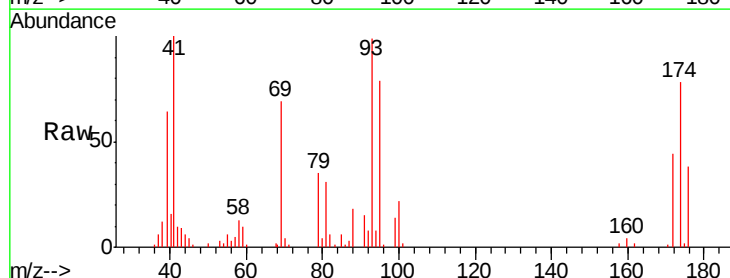
Manual Integrations
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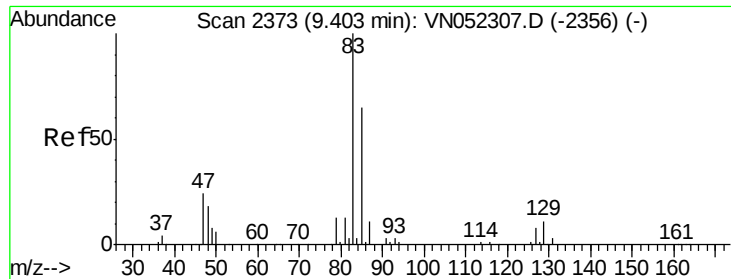
MMDadoda
 11/21/2018 5:12:39 PM



#46
 Dibromomethane
 Concen: 20.58 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion: 93 Resp: 41588
 Ion Ratio Lower Upper
 93 100
 95 79.7 64.2 96.2
 174 79.6 70.9 106.3





#47

Bromodichloromethane

Concen: 21.45 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

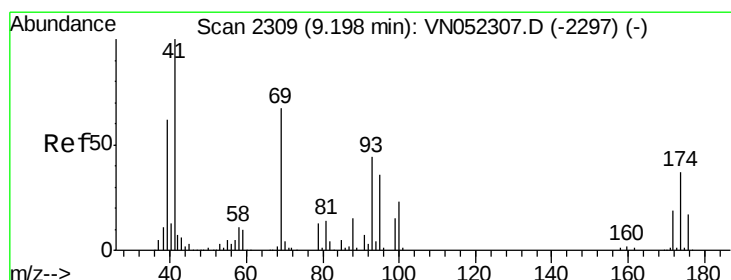
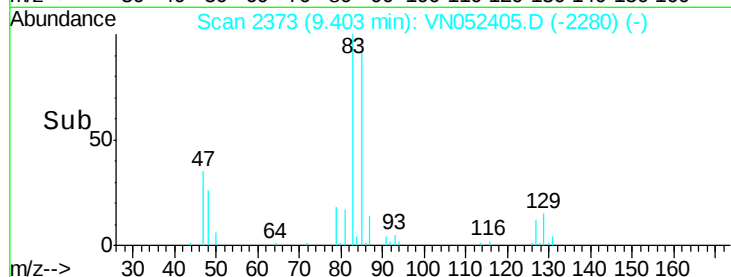
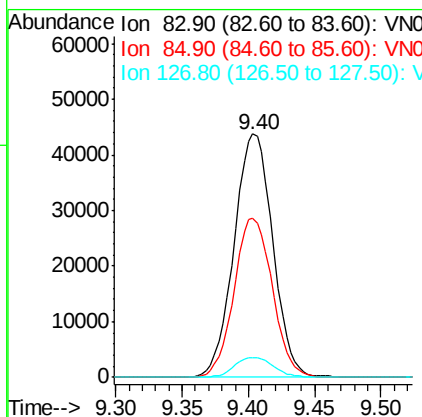
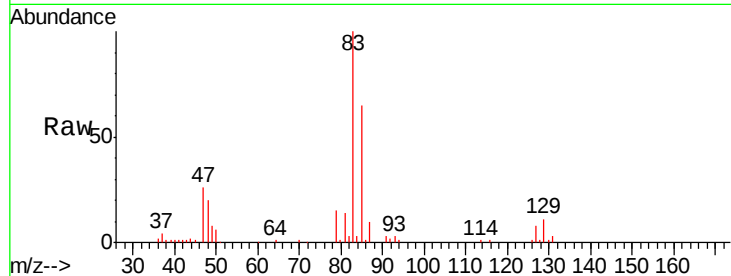
ClientSampleId :

VN1120WBSD01

Tgt Ion:	83	Resp:	88949
Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.2	78.4
127	8.2	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.25 ug/l

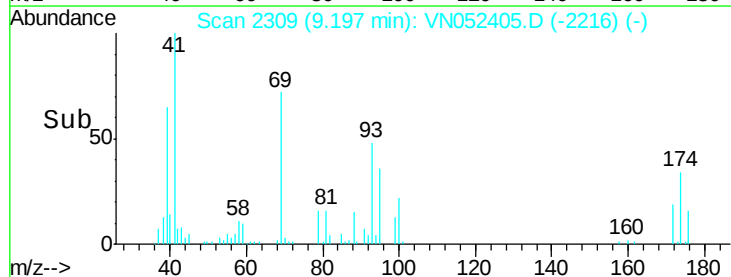
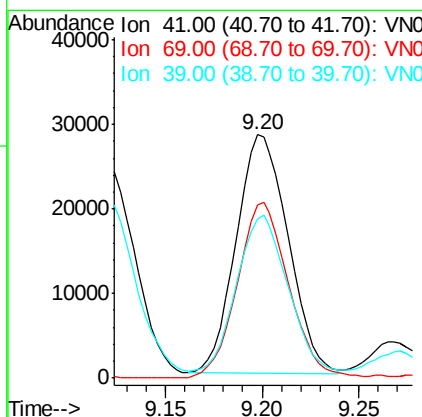
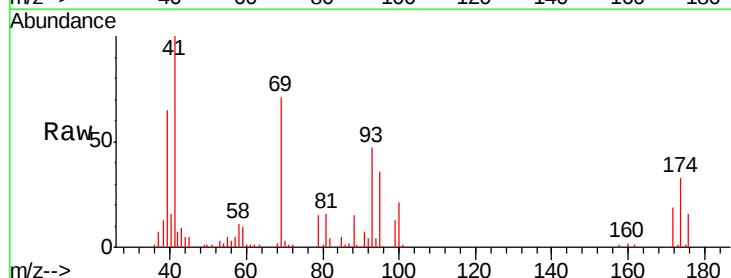
RT: 9.20 min Scan# 2309

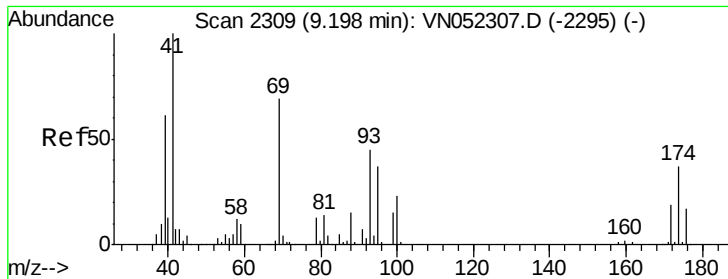
Delta R.T. -0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Tgt Ion:	41	Resp:	52790
Ion	Ratio	Lower	Upper
41	100		
69	72.8	57.1	85.7
39	67.7	52.5	78.7





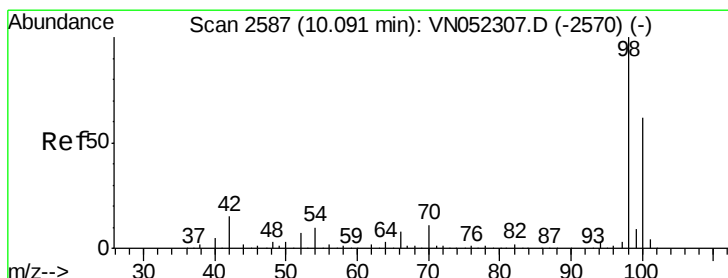
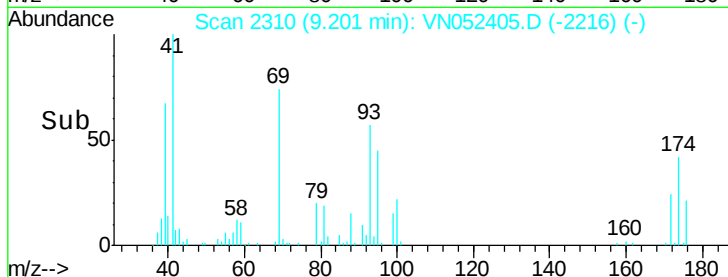
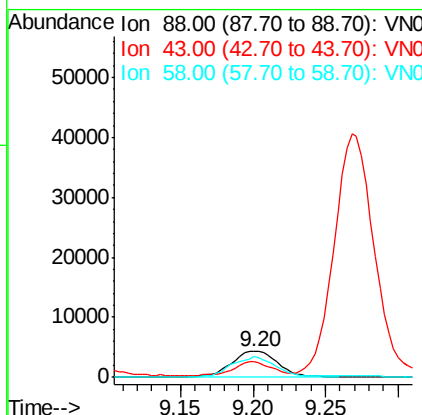
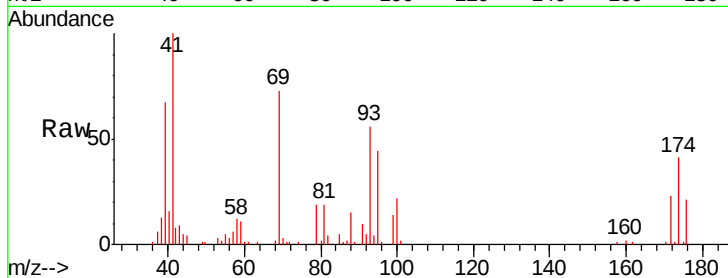
#49
1,4-Dioxane
Concen: 417.82 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	45.5	33.3	49.9
58	73.9	59.2	88.8

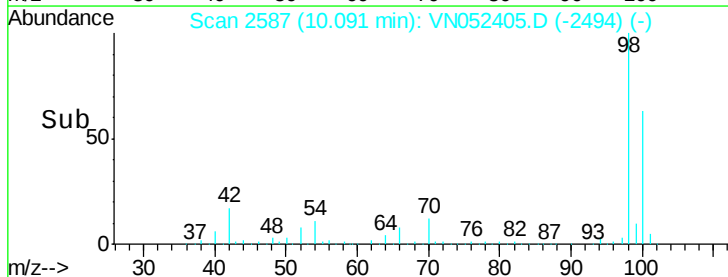
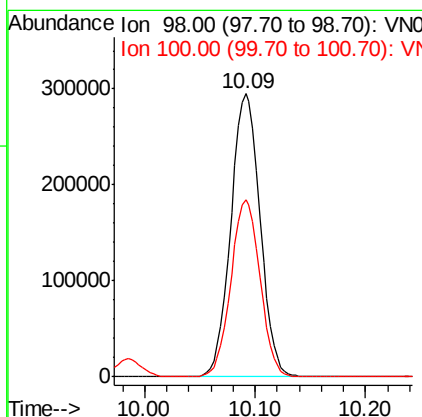
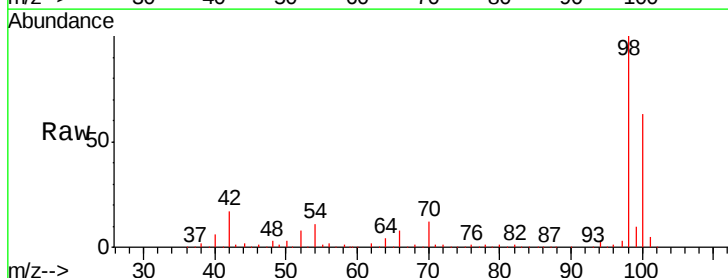
Manual Integrations
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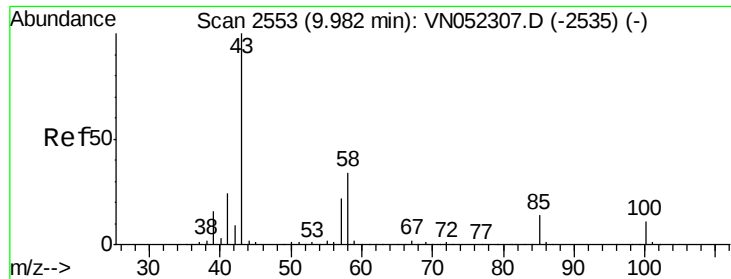
MMDadoda
11/21/2018 5:12:39 PM



#50
Toluene-d8
Concen: 417.82 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.1	49.5	74.3





#51

4-Methyl-2-Pentanone

Concen: 97.73 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

ClientSampled :

VN1120WBSD01

Tgt Ion: 43 Resp: 296622

Ion Ratio Lower Upper

43 100

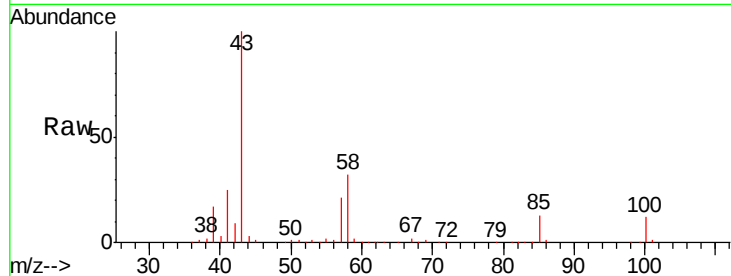
58 32.4 27.0 40.6

Manual Integrations

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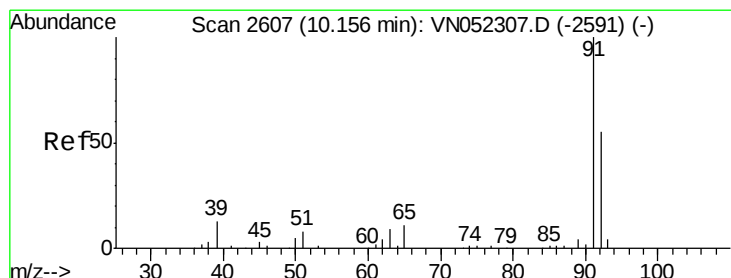
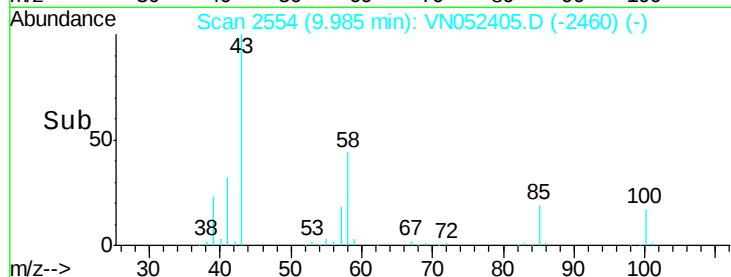
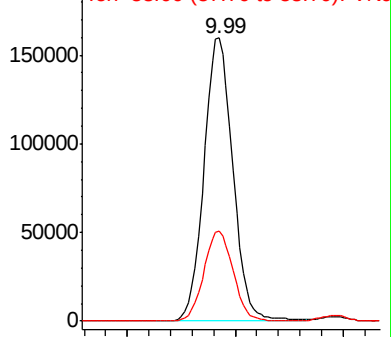
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 20.30 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052405.D

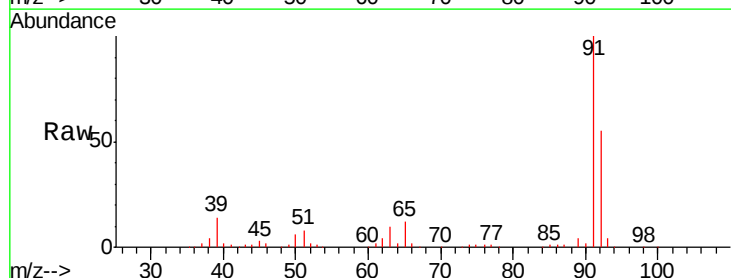
Acq: 20 Nov 2018 14:12

Tgt Ion: 92 Resp: 149386

Ion Ratio Lower Upper

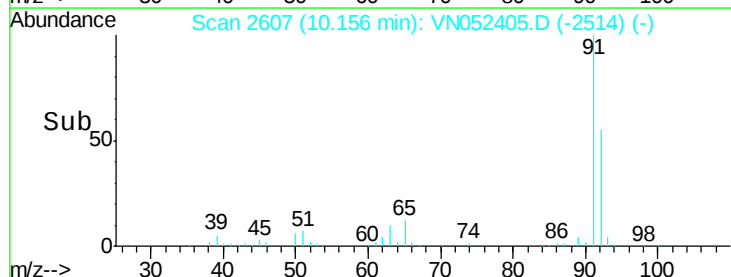
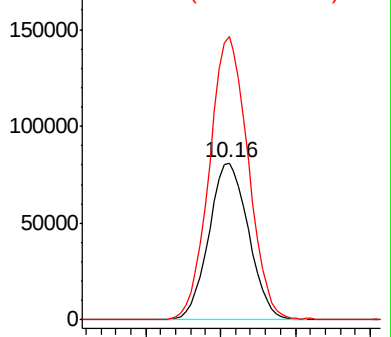
92 100

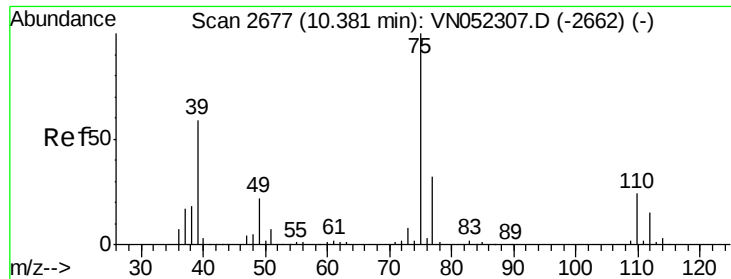
91 177.2 143.6 215.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





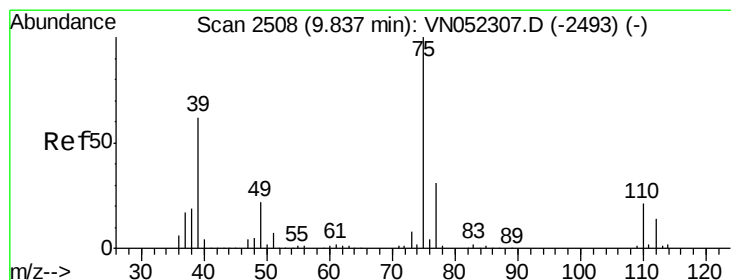
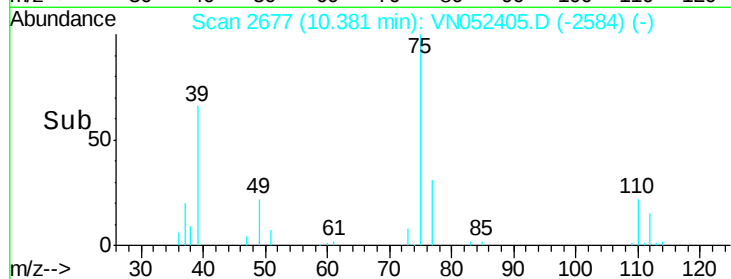
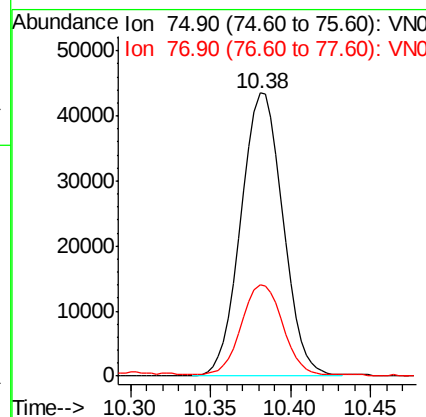
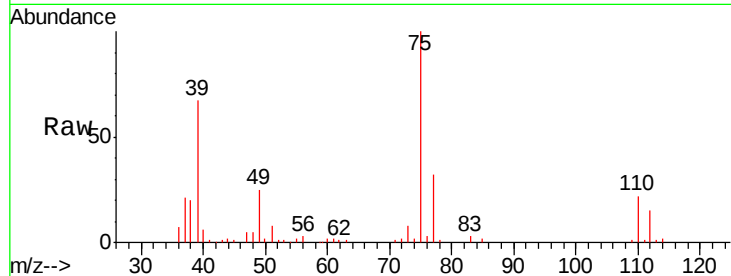
#53
t-1,3-Dichloropropene
Concen: 18.71 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Tgt Ion: 75 Resp: 78235
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5

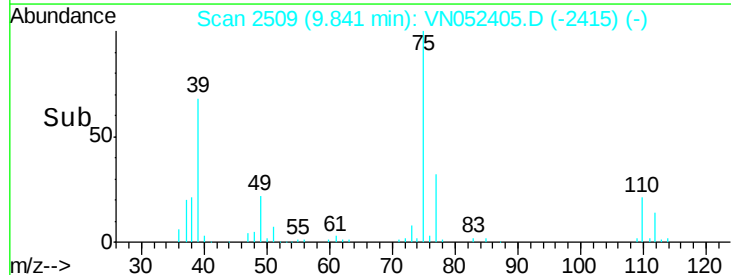
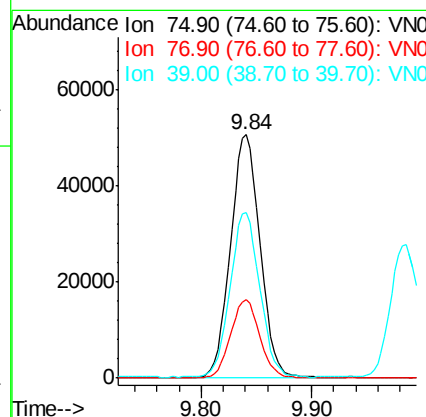
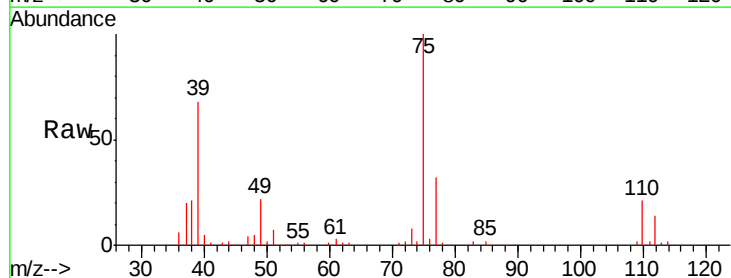
Manual Integrations
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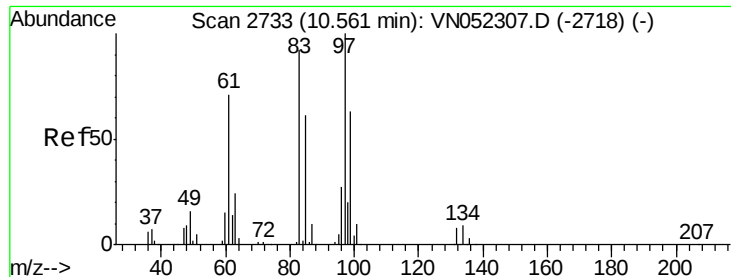
MMDadoda
11/21/2018 5:12:39 PM



#54
cis-1,3-Dichloropropene
Concen: 19.81 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Tgt Ion: 75 Resp: 94449
Ion Ratio Lower Upper
75 100
77 32.1 24.6 36.8
39 67.5 49.9 74.9





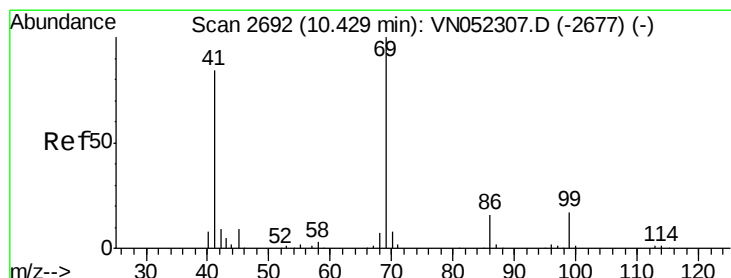
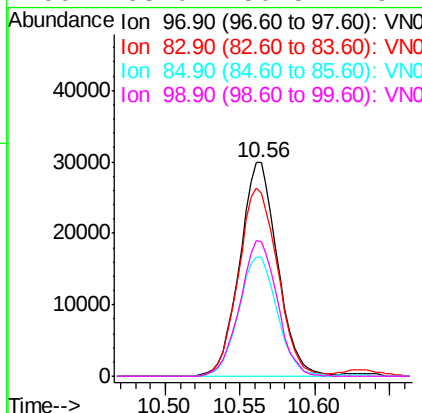
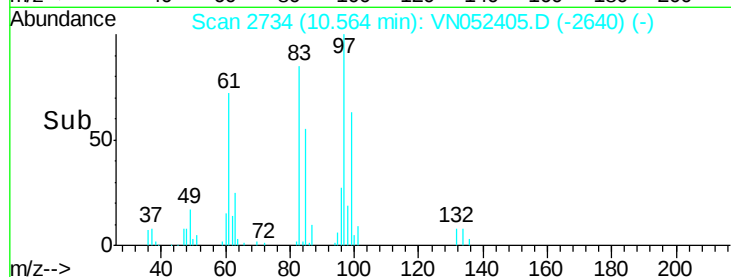
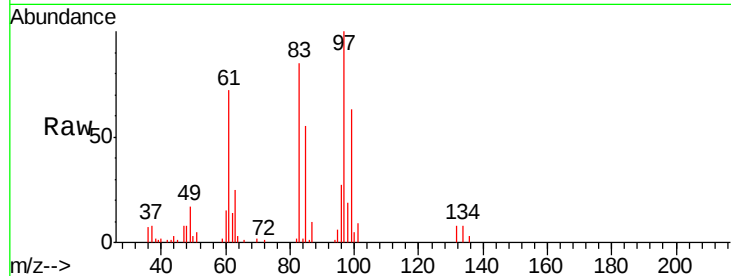
#55
 1,1,2-Trichloroethane
 Concen: 19.78 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

Tgt Ion:	97	Resp:	52772
Ion	Ratio	Lower	Upper
97	100		
83	85.5	73.8	110.6
85	55.5	49.0	73.4
99	63.0	50.5	75.7

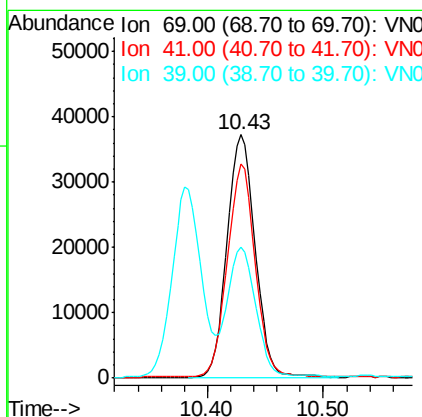
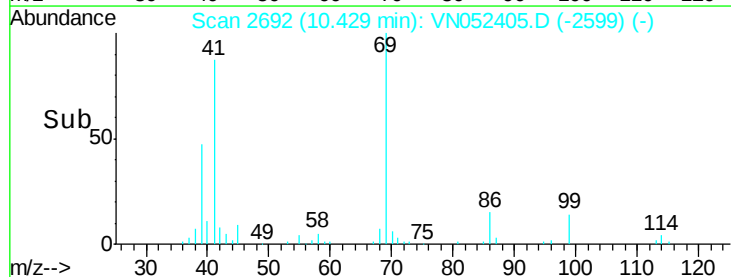
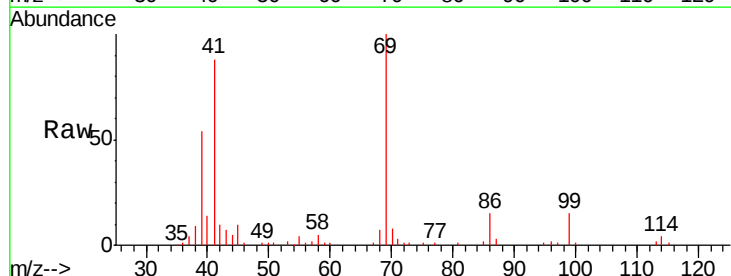
Manual Integrations
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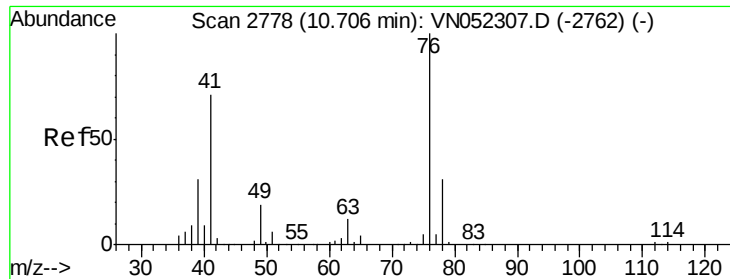
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 11/21/2018 5:12:39 PM



#56
 Ethyl methacrylate
 Concen: 17.89 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion:	69	Resp:	62748
Ion	Ratio	Lower	Upper
69	100		
41	85.8	64.8	97.2
39	55.1	41.0	61.6





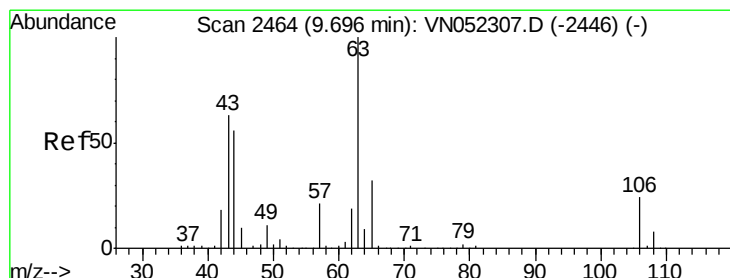
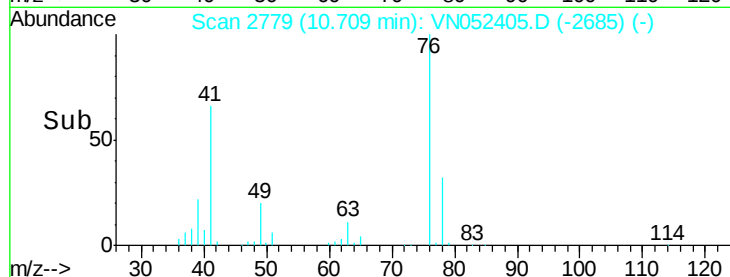
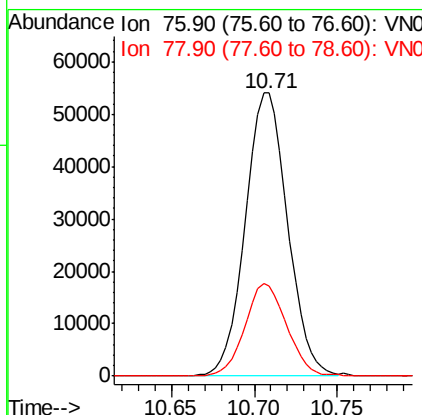
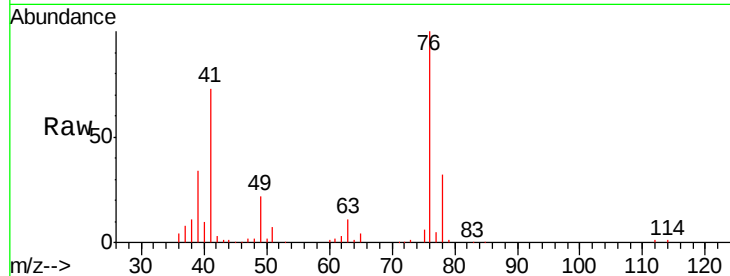
#57
 1,3-Dichloropropane
 Concen: 20.31 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

Tgt Ion: 76 Resp: 95978
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5

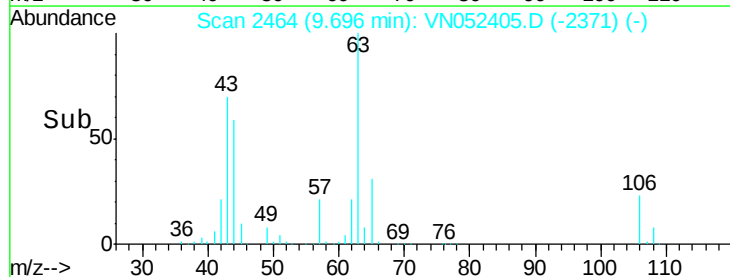
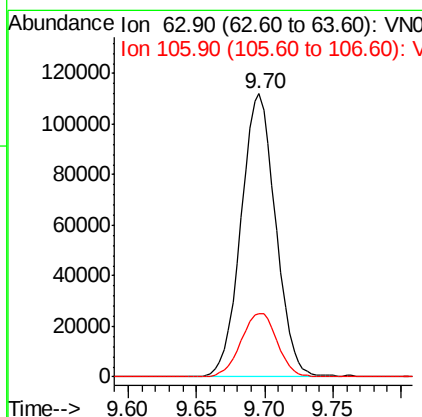
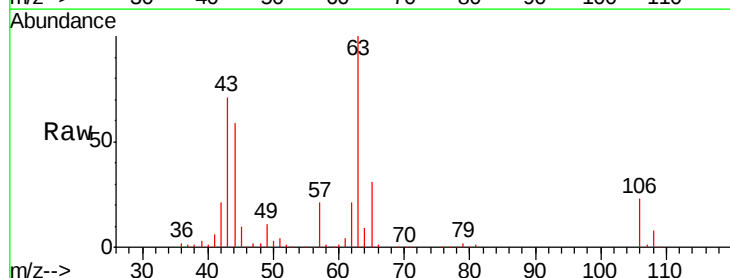
Manual Integrations
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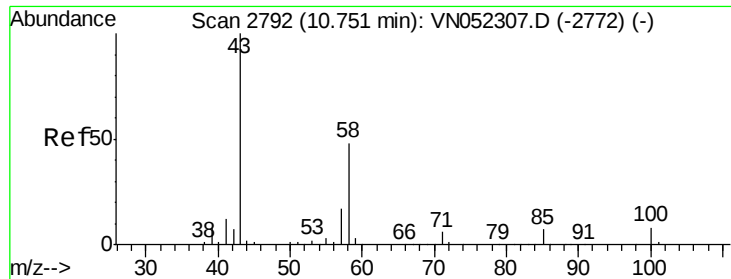
MMDadoda
 11/21/2018 5:12:39 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.89 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion: 63 Resp: 197501
 Ion Ratio Lower Upper
 63 100
 106 23.6 19.3 28.9





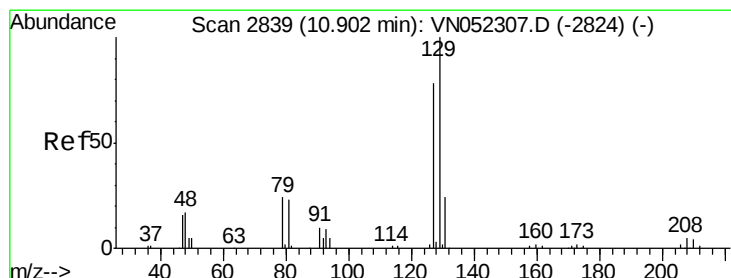
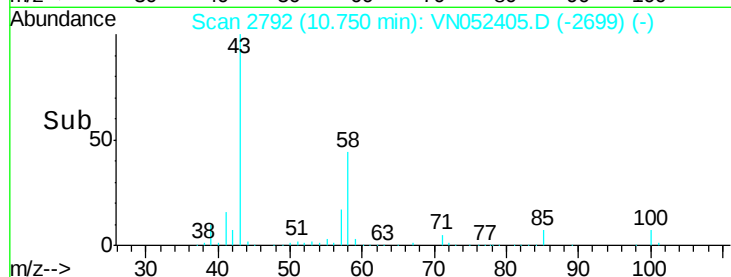
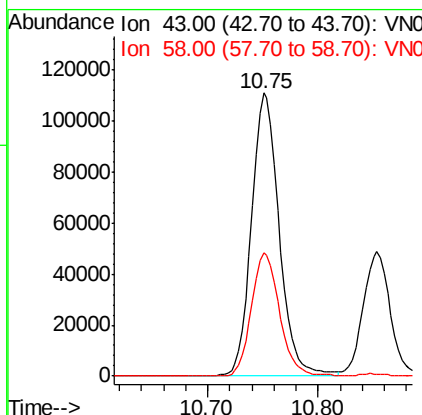
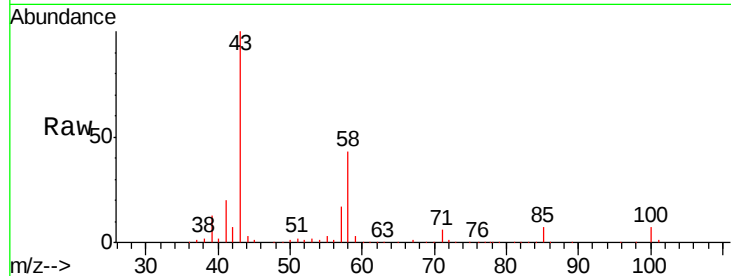
#59
2-Hexanone
Concen: 91.92 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Tgt Ion: 43 Resp: 191886
Ion Ratio Lower Upper
43 100
58 44.7 23.5 70.6

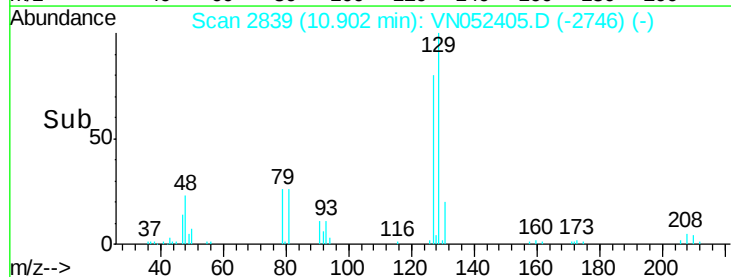
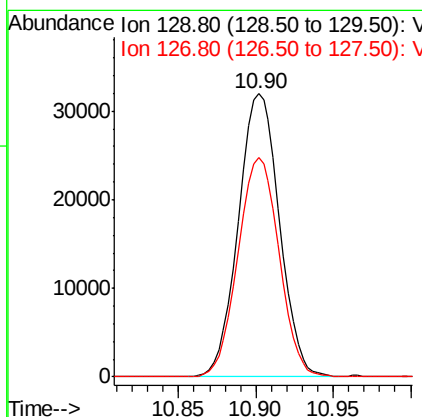
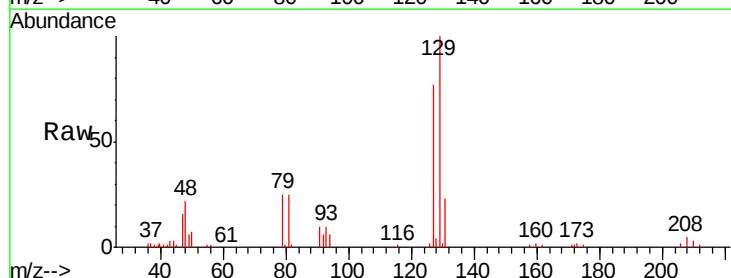
Manual Integrations
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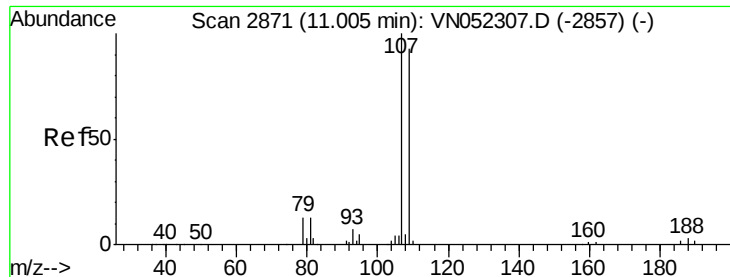
MMDadoda
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#60
Dibromochloromethane
Concen: 20.49 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Tgt Ion: 129 Resp: 59129
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





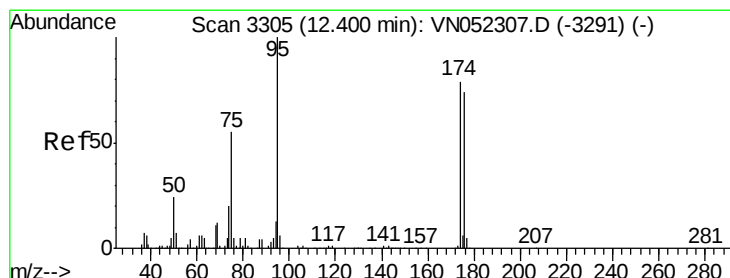
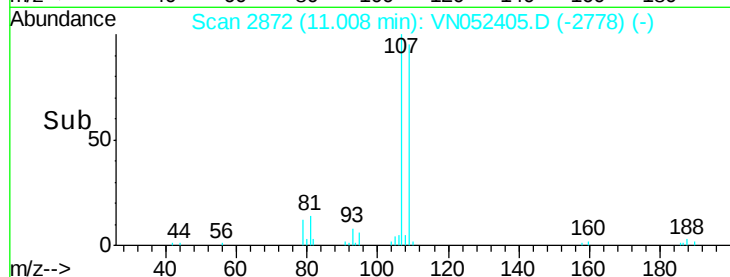
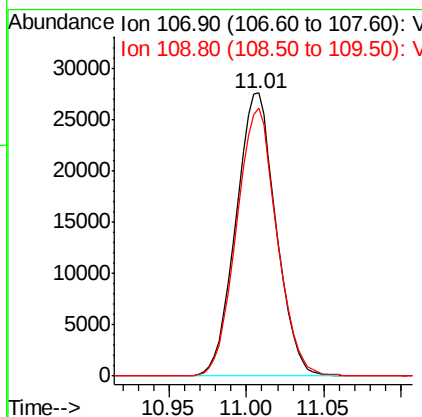
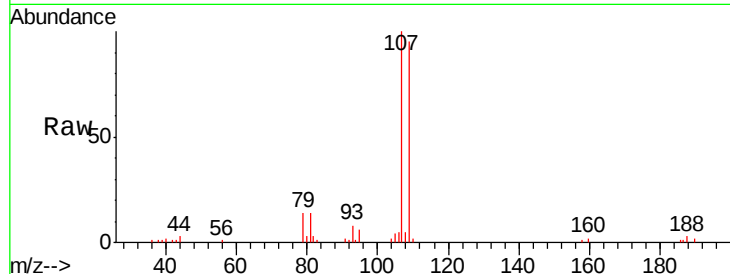
#61
 1,2-Dibromoethane
 Concen: 18.68 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

Tgt Ion: 107 Resp: 49619
 Ion Ratio Lower Upper
 107 100
 109 95.3 74.9 112.3

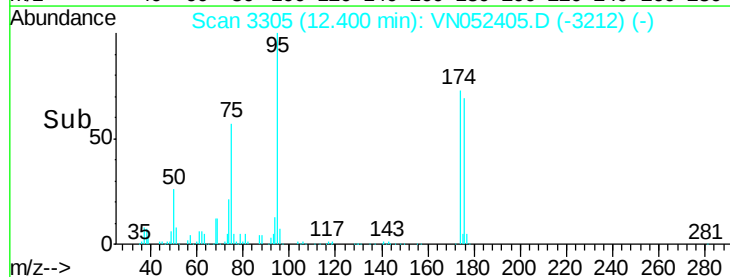
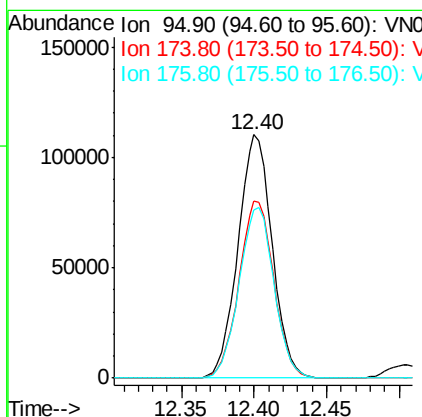
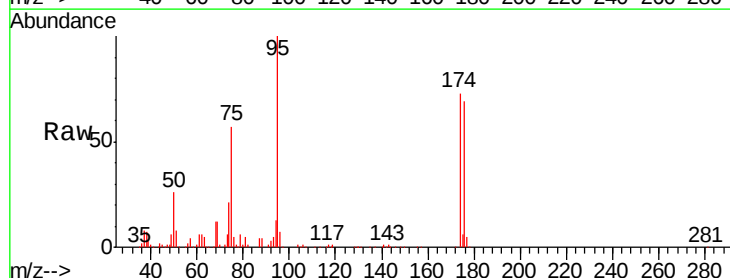
Manual Integrations
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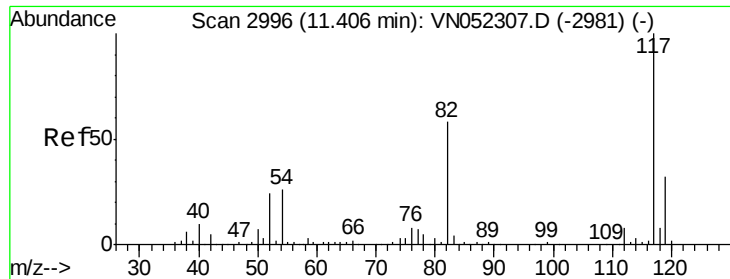
MMDadoda
 11/21/2018 5:12:39 PM



#62
 4-Bromofluorobenzene
 Concen: 18.68 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion: 95 Resp: 180164
 Ion Ratio Lower Upper
 95 100
 174 74.4 0.0 156.0
 176 71.9 0.0 148.4





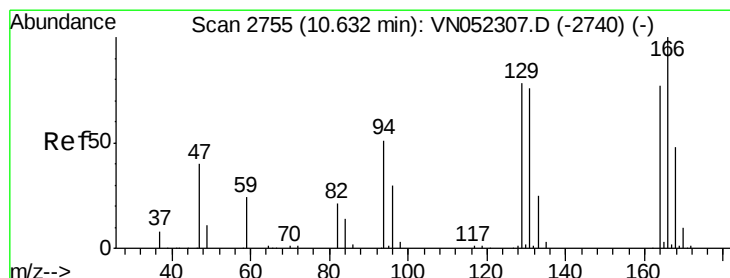
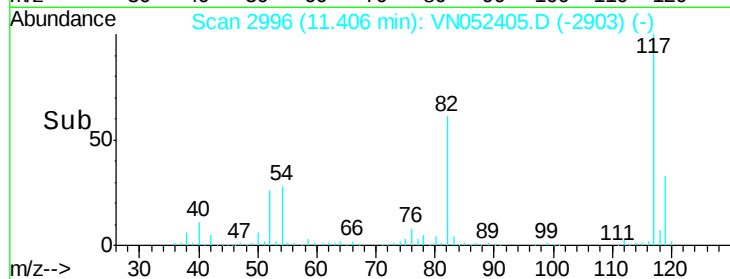
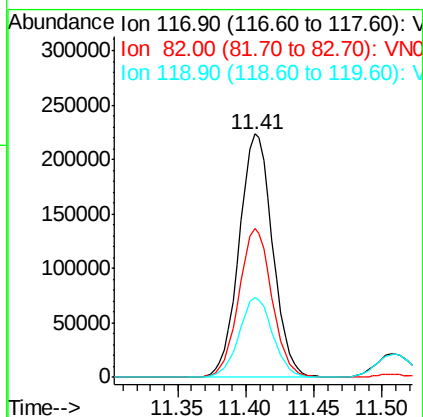
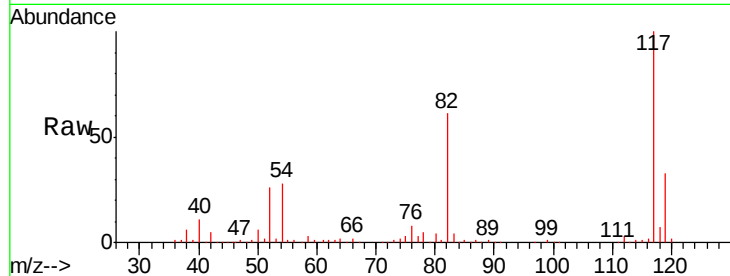
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	61.0	46.5	69.7
119	32.9	25.7	38.5

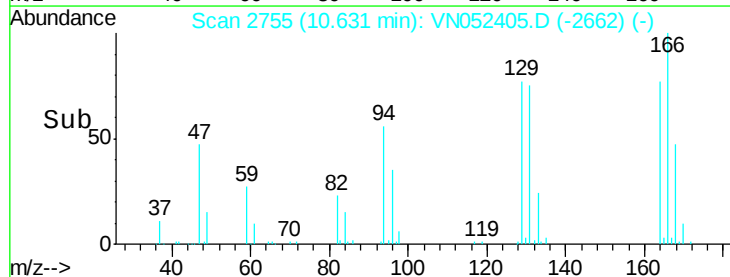
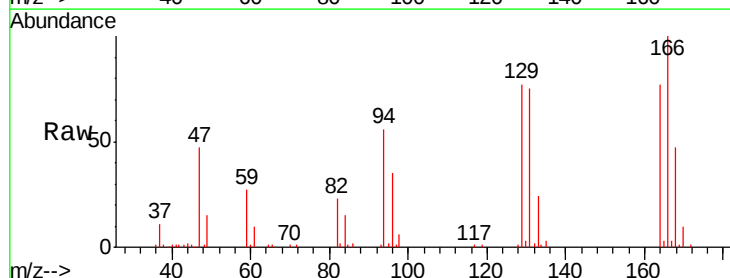
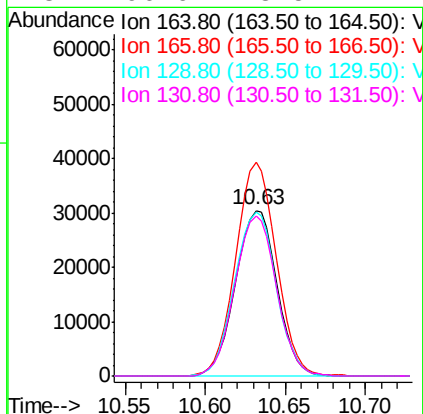
Manual Integrations
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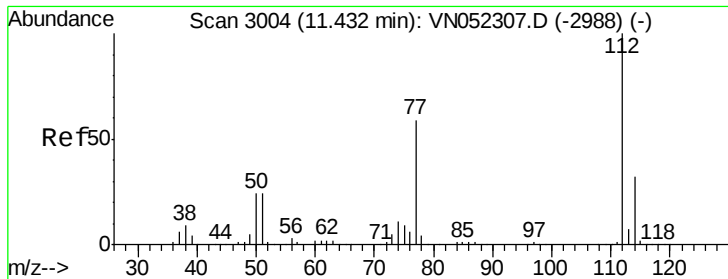
MMDadoda
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#64
Tetrachloroethene
Concen: 19.86 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.1	103.8	155.6
129	98.9	80.7	121.1
131	96.6	78.5	117.7





#65

Chlorobenzene

Concen: 19.74 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1120WBSD01

Tgt Ion:112 Resp: 158824

Ion Ratio Lower Upper

112 100

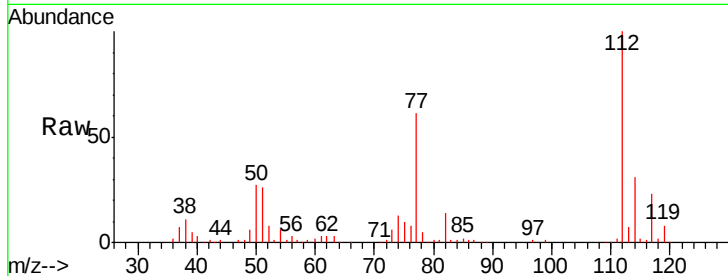
114 30.7 25.9 38.9

Manual Integrations

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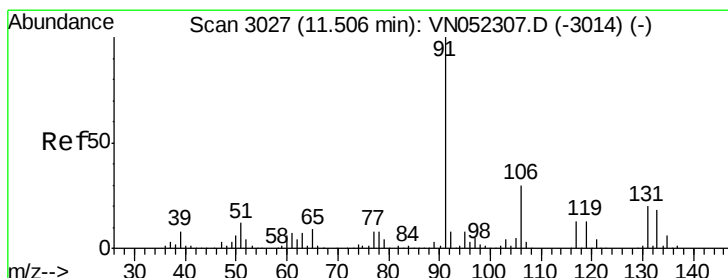
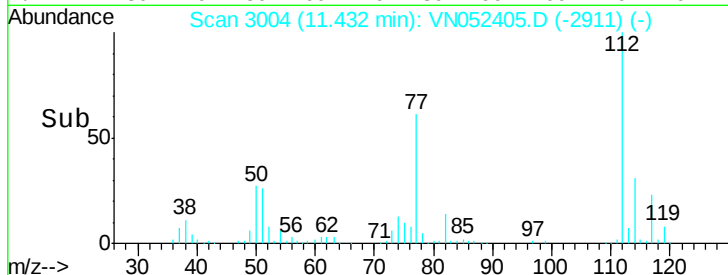
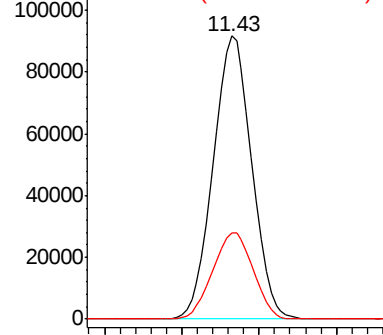
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.49 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

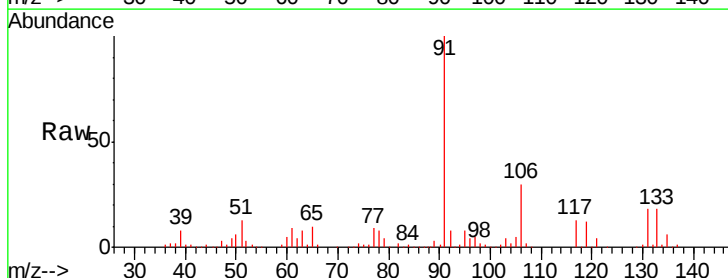
Tgt Ion:131 Resp: 56215

Ion Ratio Lower Upper

131 100

133 95.0 47.4 142.3

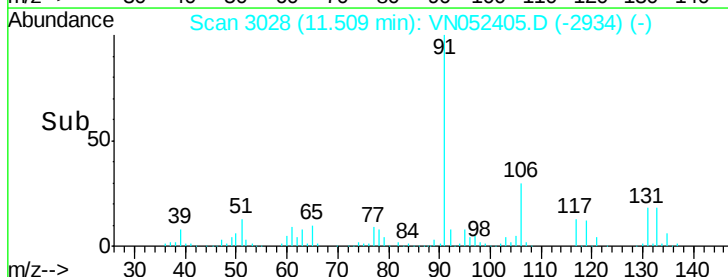
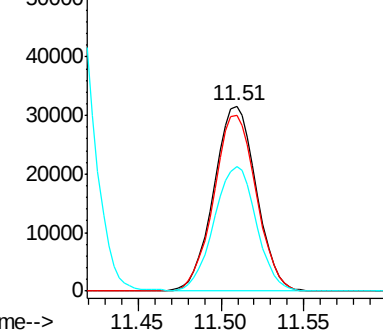
119 67.1 33.3 99.9

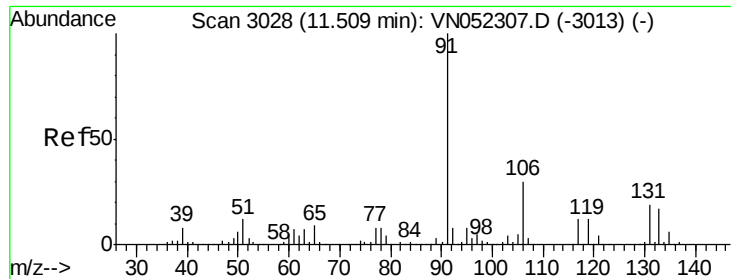


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





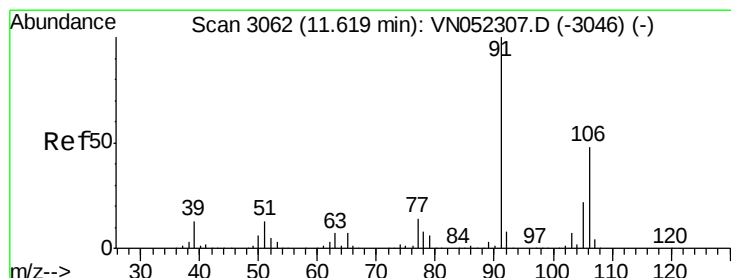
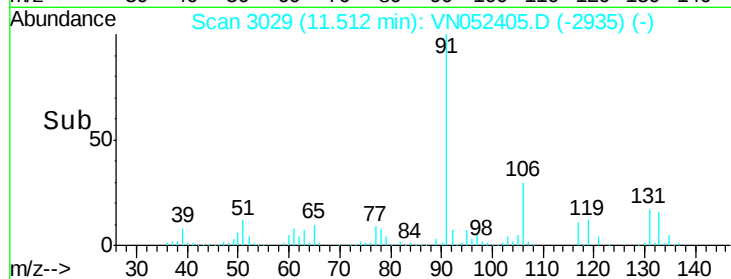
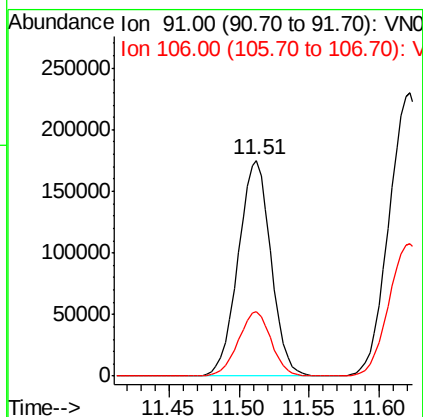
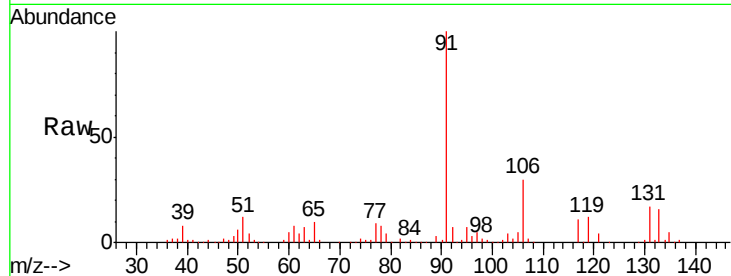
#67
Ethyl Benzene
Concen: 20.39 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Tgt Ion: 91 Resp: 284670
Ion Ratio Lower Upper
91 100
106 29.8 24.2 36.2

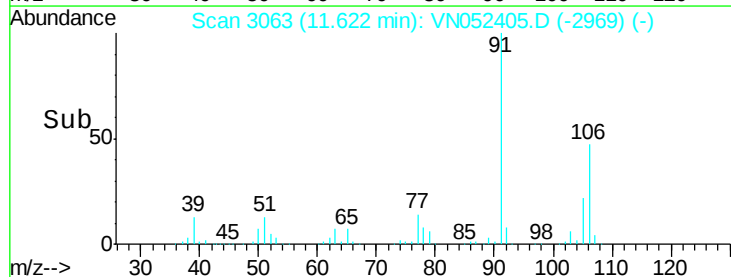
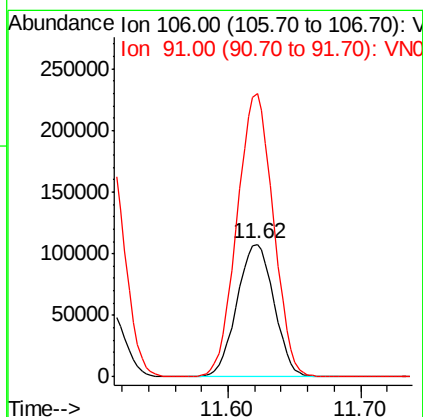
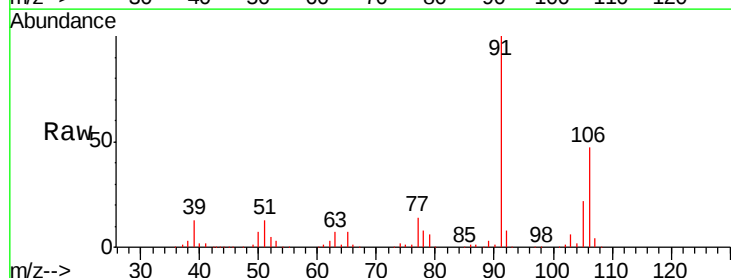
Manual Integrations
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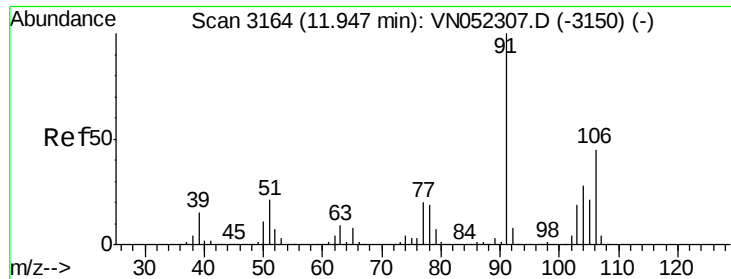
MMDadoda
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#68
m/p-Xylenes
Concen: 40.95 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Tgt Ion: 106 Resp: 208961
Ion Ratio Lower Upper
106 100
91 209.2 165.5 248.3





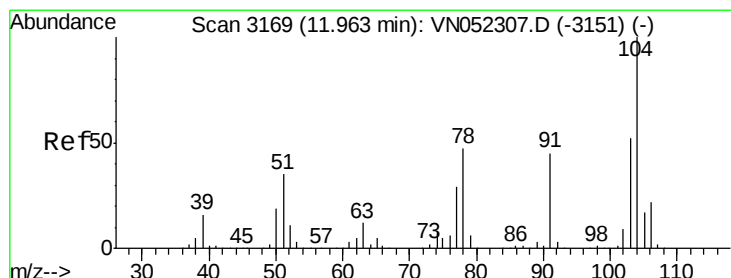
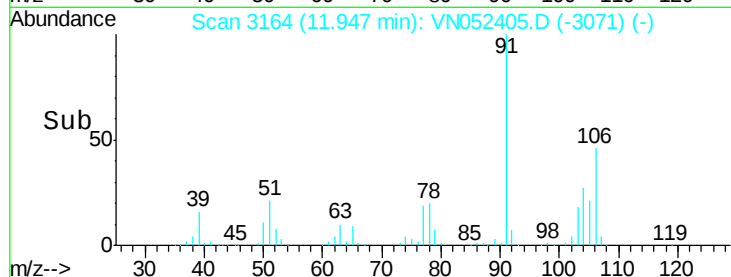
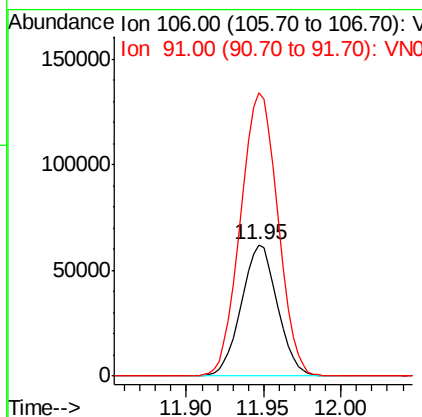
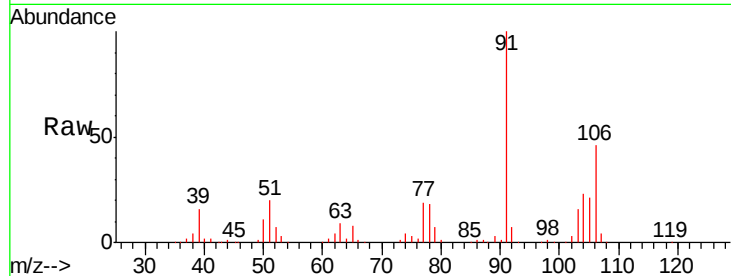
#69
o-Xylene
Concen: 20.60 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Tgt Ion:106 Resp: 100767
Ion Ratio Lower Upper
106 100
91 224.1 110.0 330.0

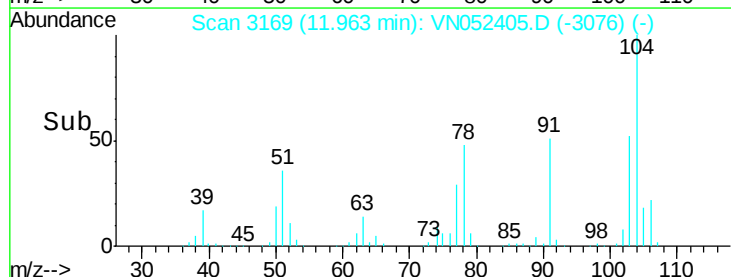
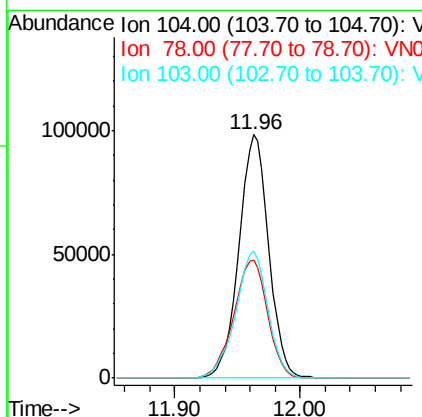
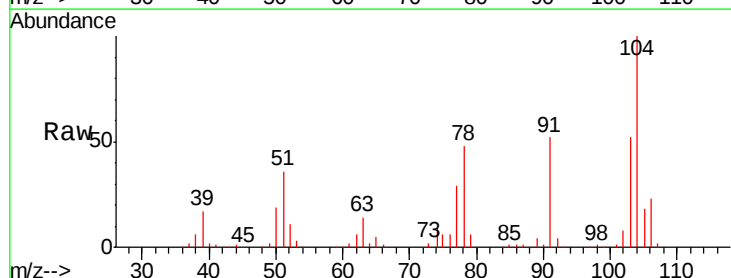
Manual Integrations
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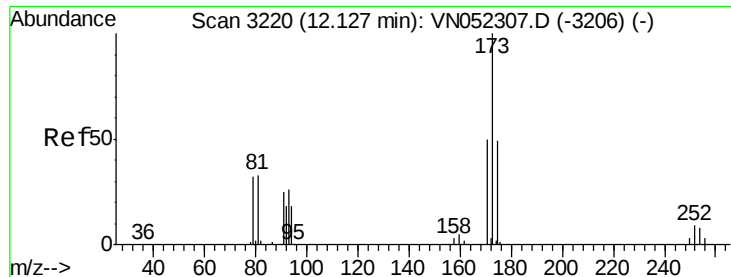
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#70
Styrene
Concen: 20.73 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Tgt Ion:104 Resp: 162326
Ion Ratio Lower Upper
104 100
78 54.9 42.7 64.1
103 56.3 45.4 68.0





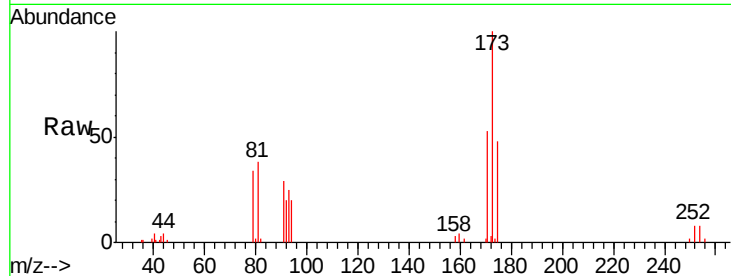
#71
Bromoform
Concen: 20.66 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

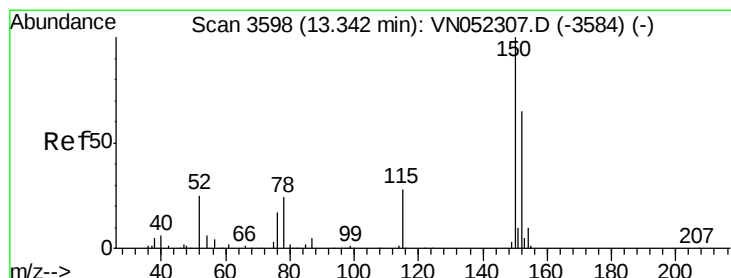
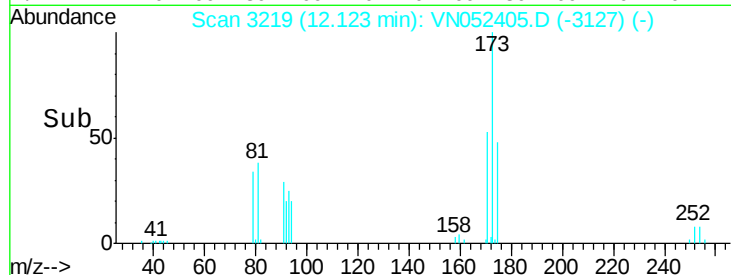
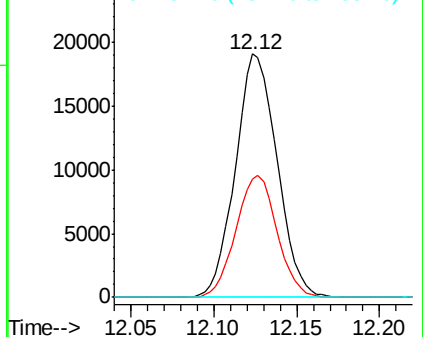
Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.2	25.0	75.0
254	0.0	0.0	0.0

Manual Integrations
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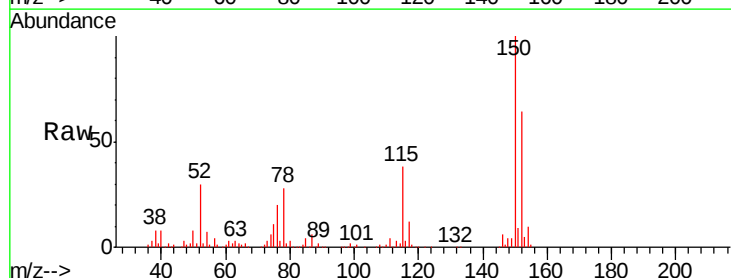


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

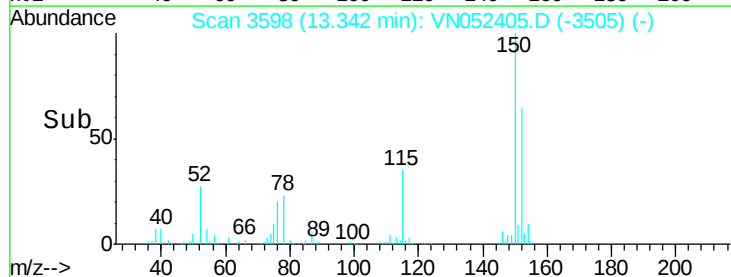
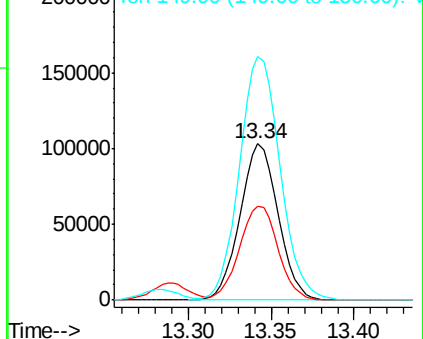


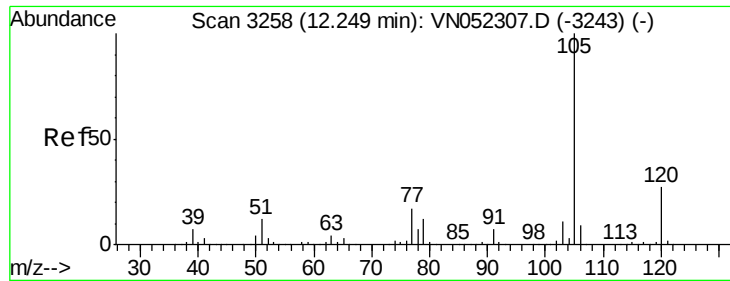
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.4	30.3	91.0
150	166.8	0.0	348.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.29 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1120WBSD01

Tgt Ion: 105 Resp: 268427

Ion Ratio Lower Upper

105 100

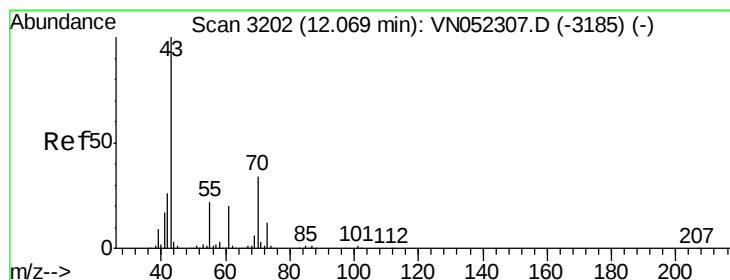
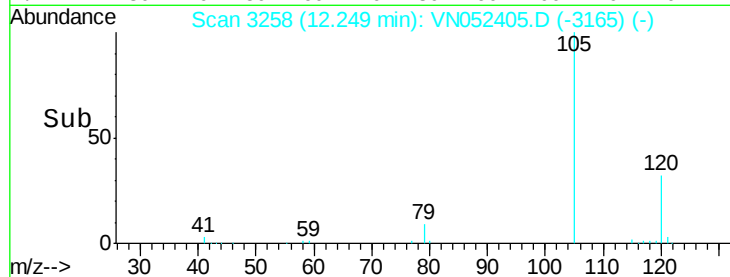
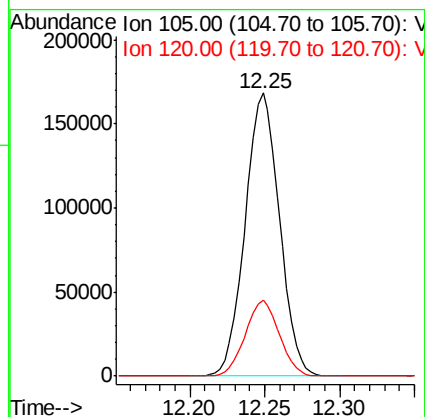
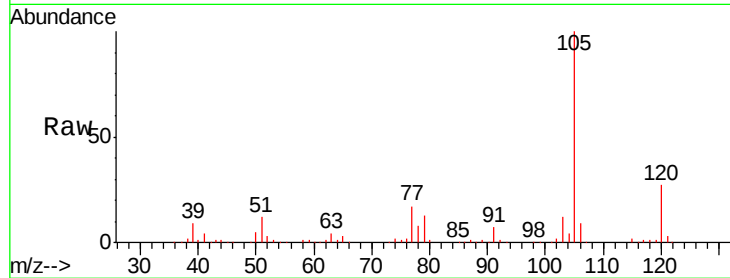
120 26.7 13.4 40.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 17.31 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Tgt Ion: 43 Resp: 81582

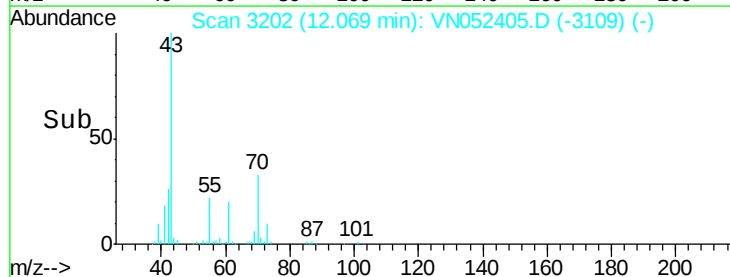
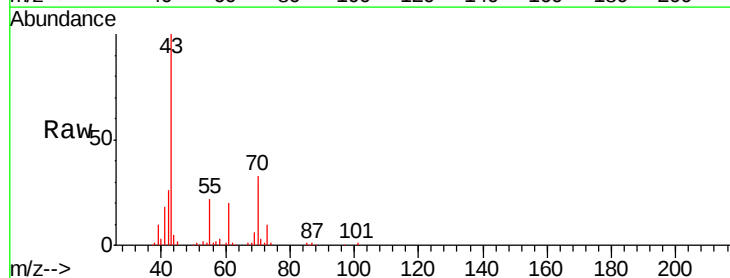
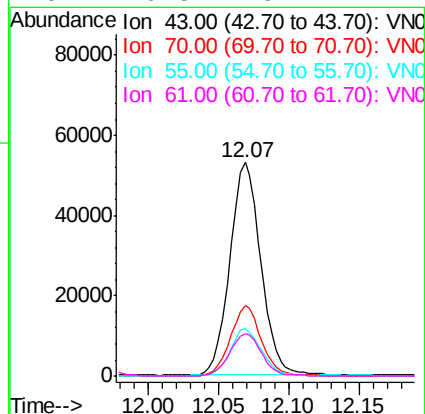
Ion Ratio Lower Upper

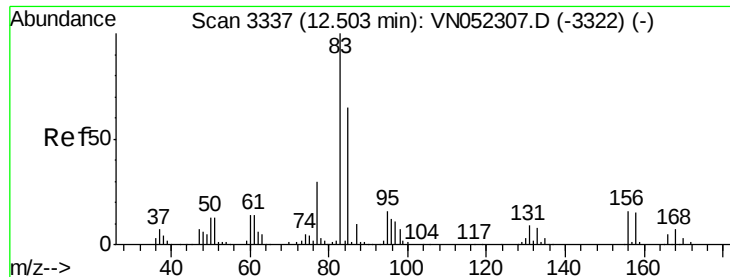
43 100

70 33.1 27.1 40.7

55 22.7 17.4 26.0

61 20.5 16.1 24.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.43 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

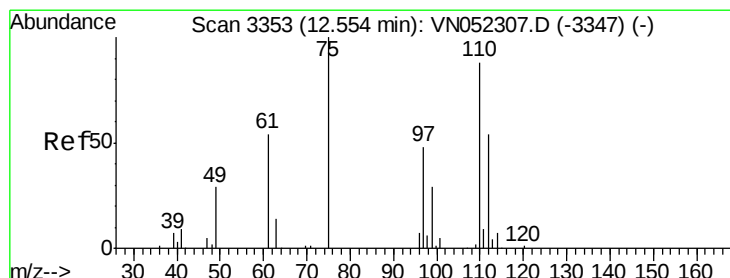
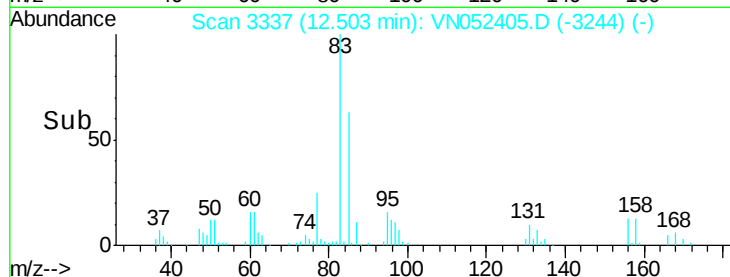
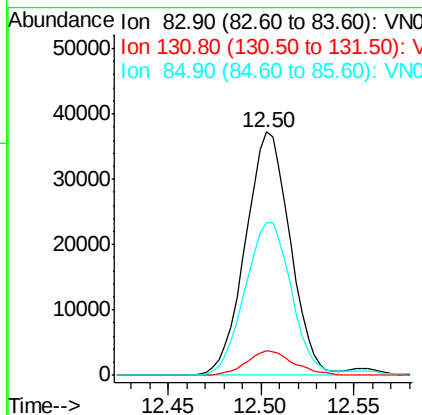
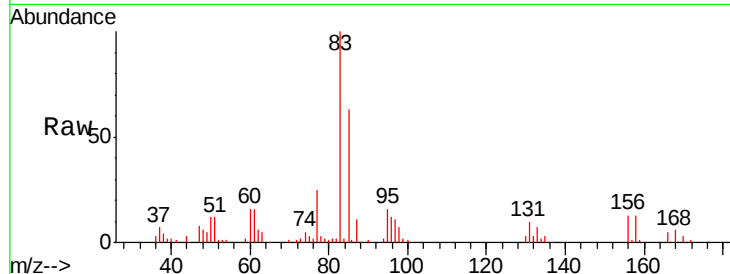
ClientSampleId :

VN1120WBSD01

Tgt Ion:	83	Resp:	62151
Ion Ratio	Lower	Upper	
83	100		
131	10.6	4.7	14.1
85	65.4	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.92 ug/l m

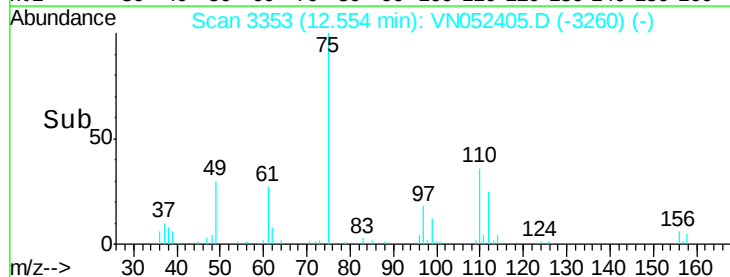
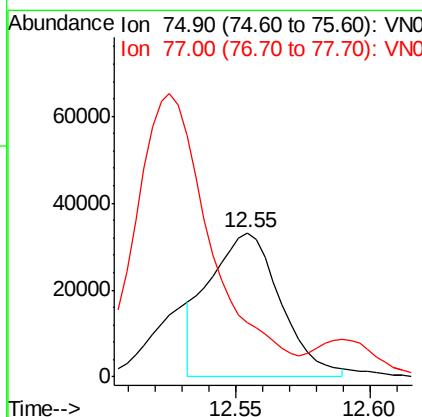
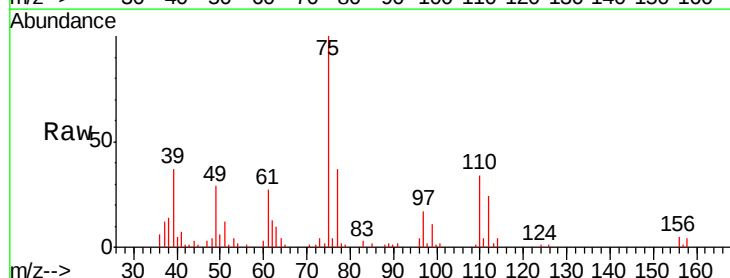
RT: 12.55 min Scan# 3353

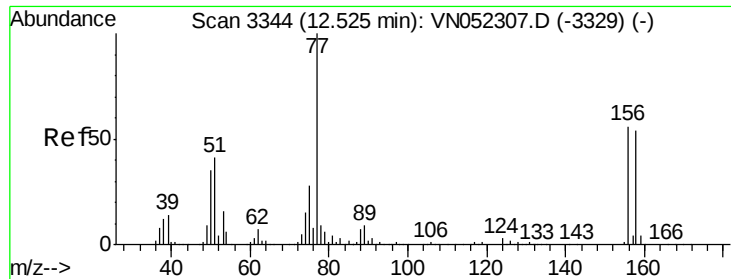
Delta R.T. -0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Tgt Ion:	75	Resp:	61221
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.41 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

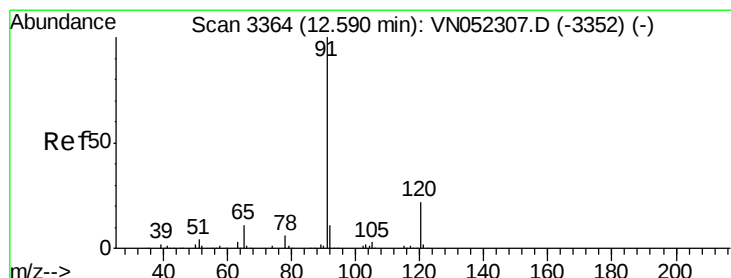
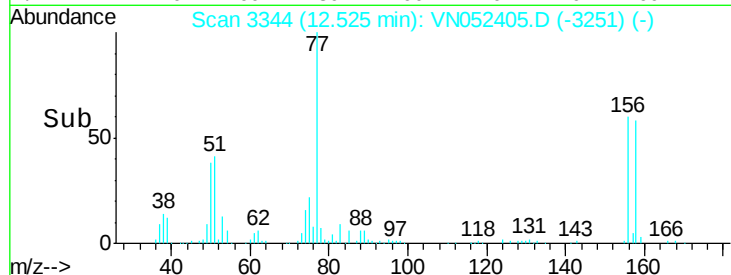
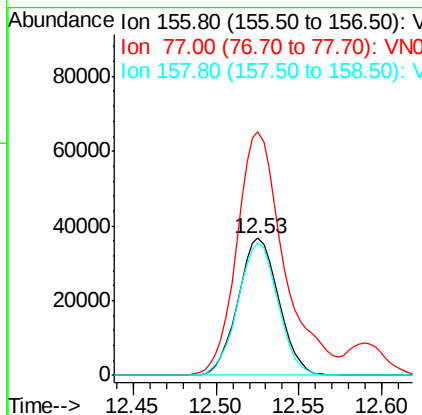
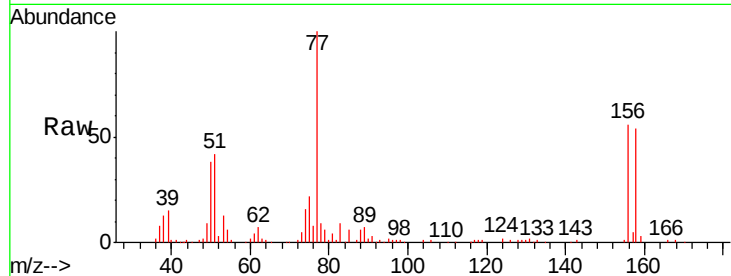
ClientSampleId :

VN1120WBSD01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	206.0	103.6	310.9
158	94.8	48.1	144.4

Manual Integrations
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#78

n-propylbenzene

Concen: 20.74 ug/l

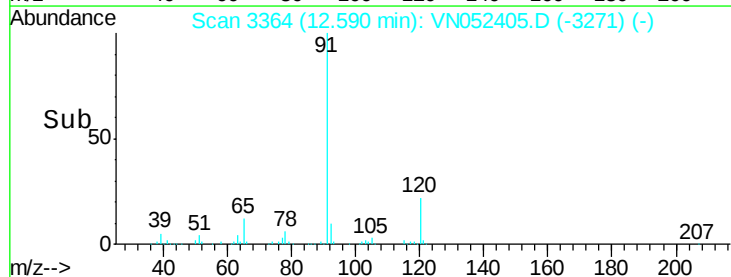
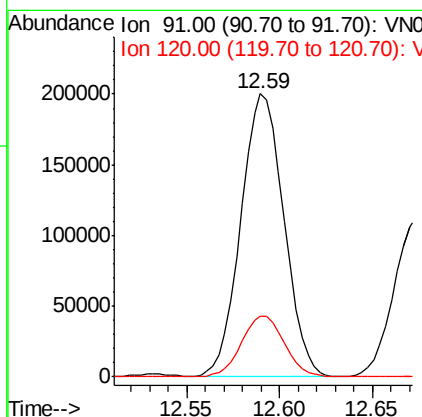
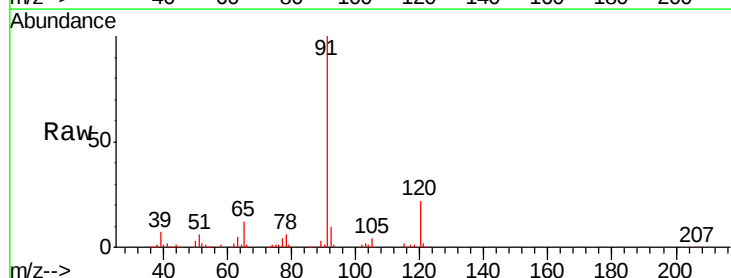
RT: 12.59 min Scan# 3364

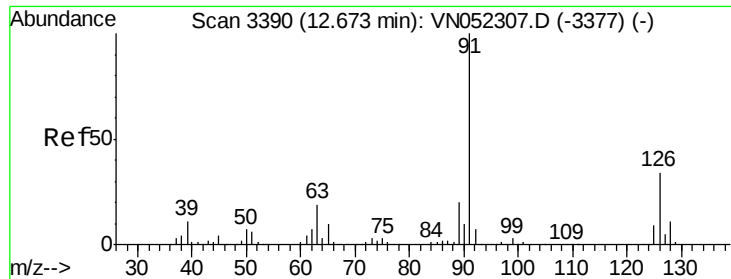
Delta R.T. -0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.6	11.1	33.1





#79

2-Chlorotoluene

Concen: 20.74 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1120WBSD01

Tgt Ion: 91 Resp: 187501

Ion Ratio Lower Upper

91 100

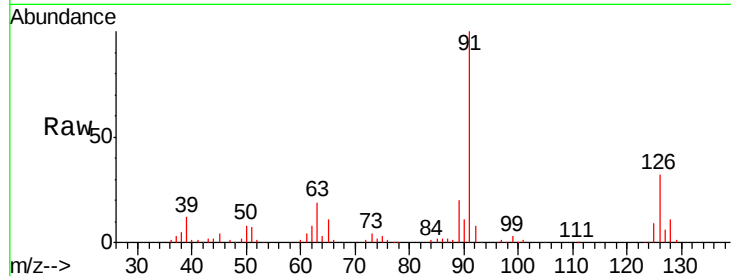
126 33.1 17.0 51.0

Manual Integrations

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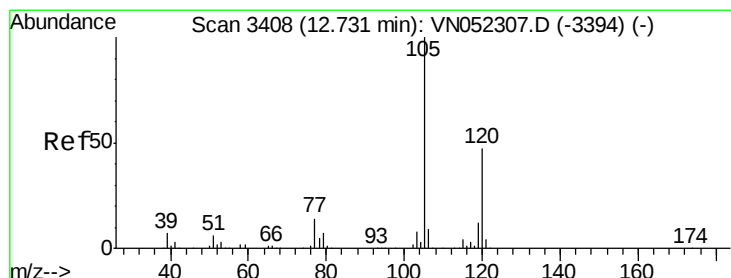
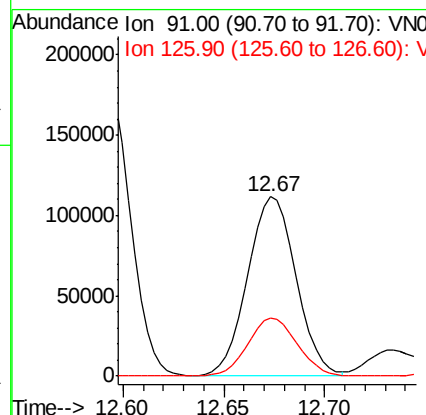
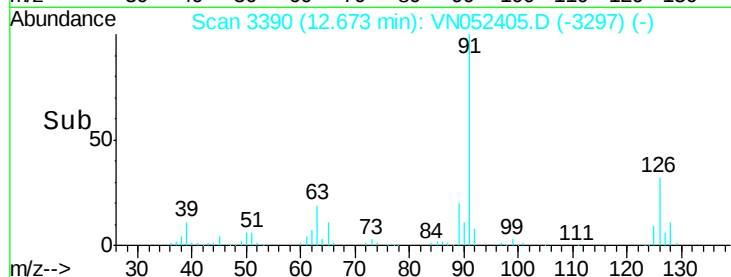
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Abundance Ion 91.00 (90.70 to 91.70): VN052307.D (-3377) (-)

Ion 125.90 (125.60 to 126.60): VN052307.D (-3377) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.07 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052405.D

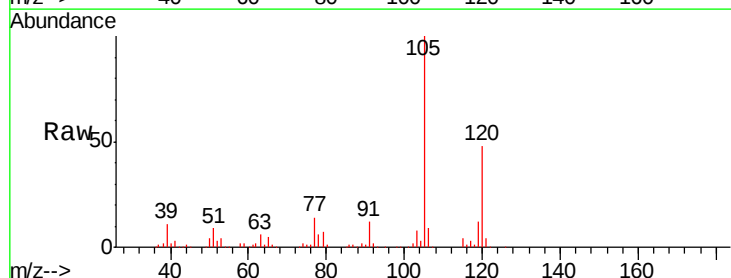
Acq: 20 Nov 2018 14:12

Tgt Ion: 105 Resp: 221669

Ion Ratio Lower Upper

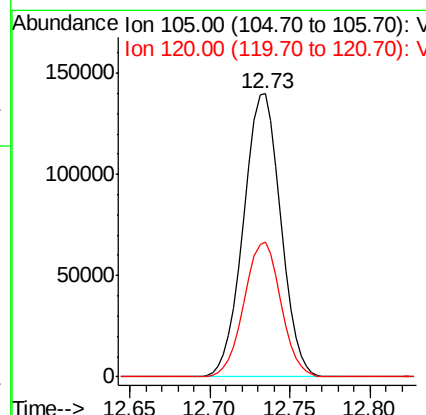
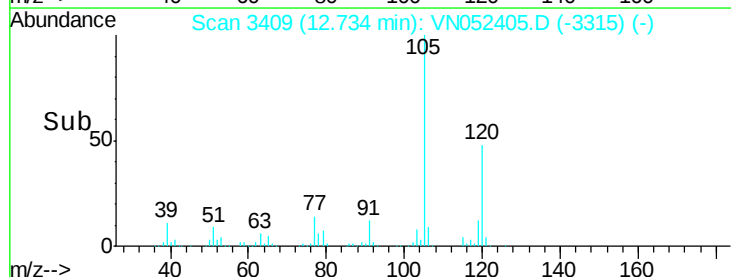
105 100

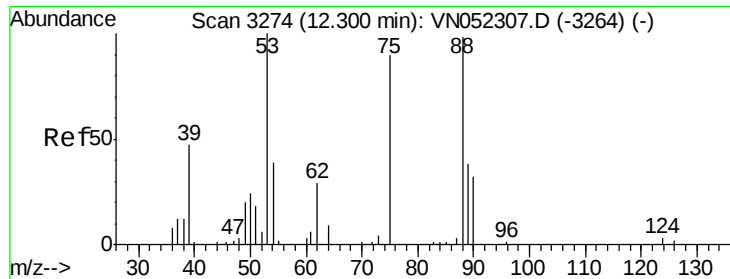
120 47.1 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VN052307.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN052307.D (-3394) (-)





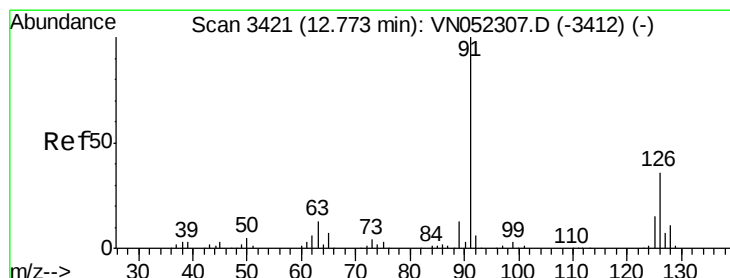
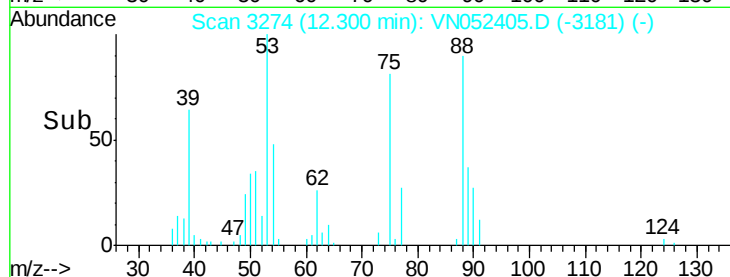
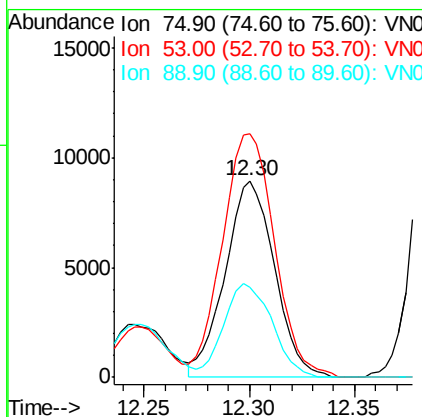
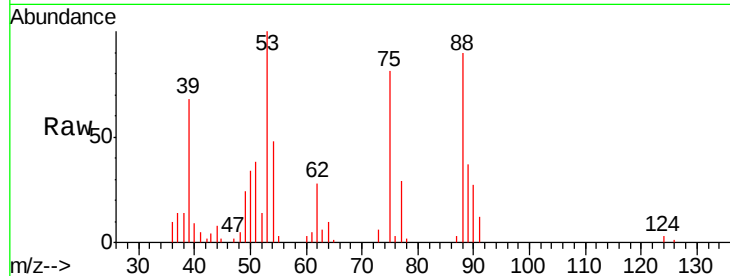
#81
trans-1,4-Dichloro-2-butene
Concen: 16.89 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	131.6	90.2	135.2
89	46.6	35.4	53.0

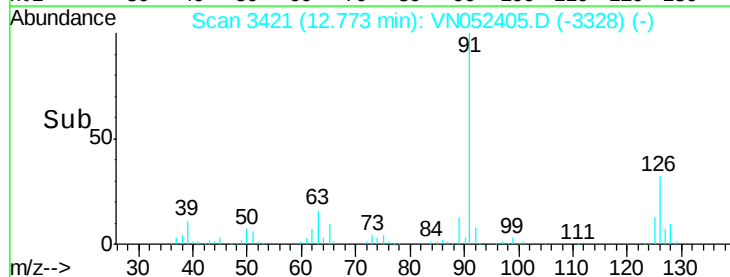
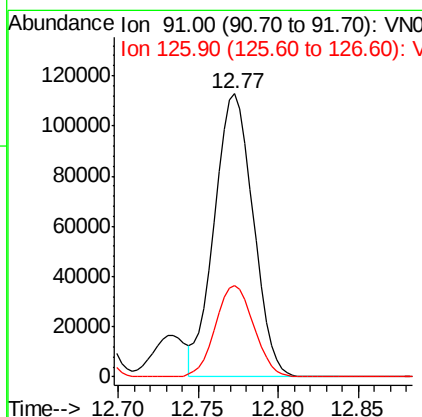
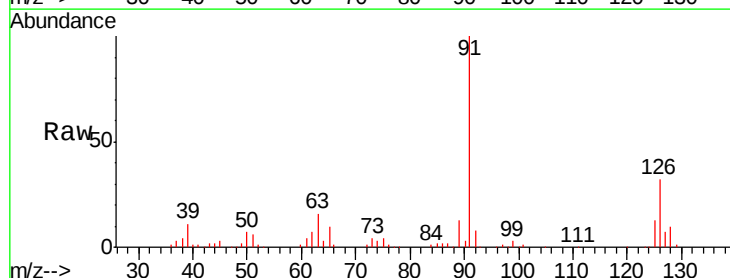
Manual Integrations
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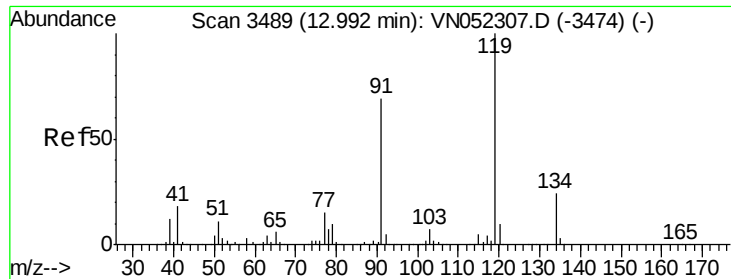
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#82
4-Chlorotoluene
Concen: 20.39 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	17.0	50.9





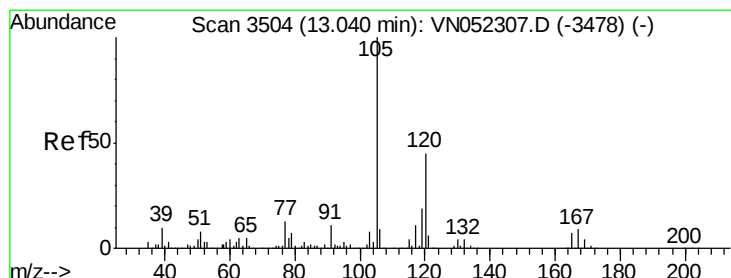
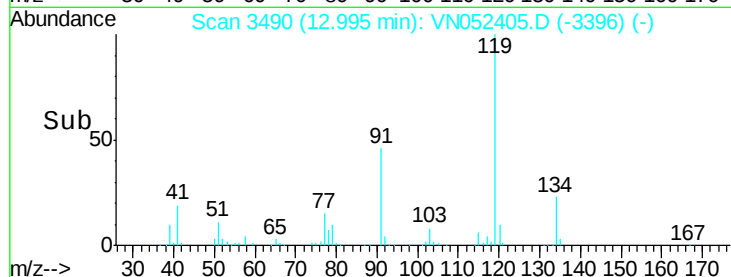
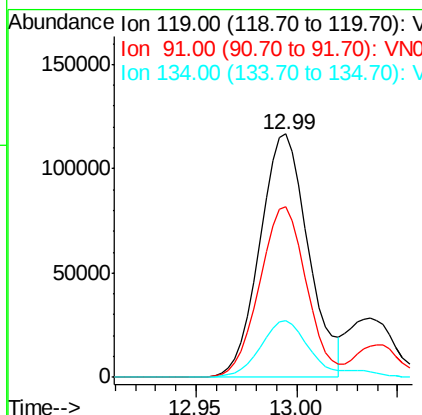
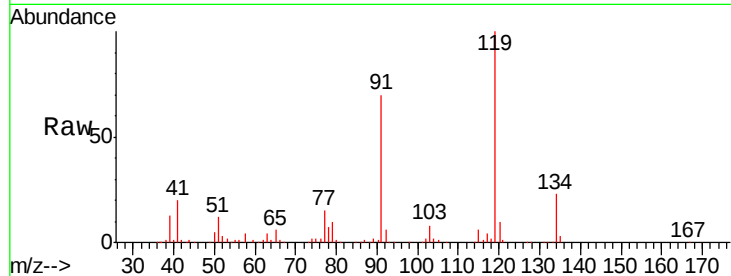
#83
 tert-Butylbenzene
 Concen: 21.07 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	195723		
91	67.6	33.8	101.3	
134	25.0	11.9	35.9	

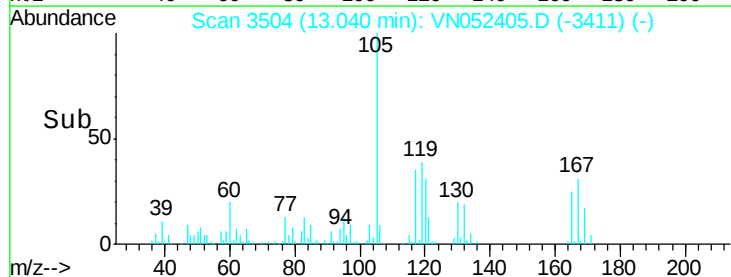
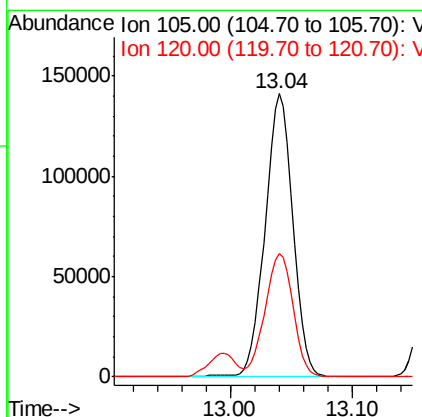
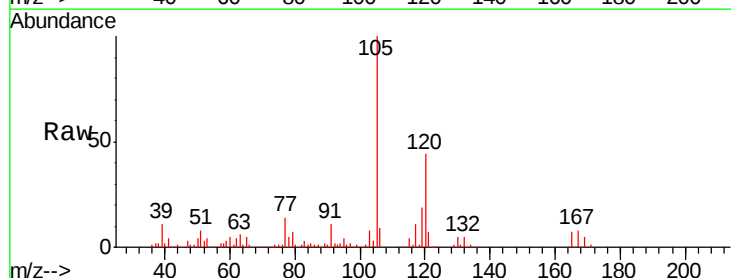
Manual Integrations
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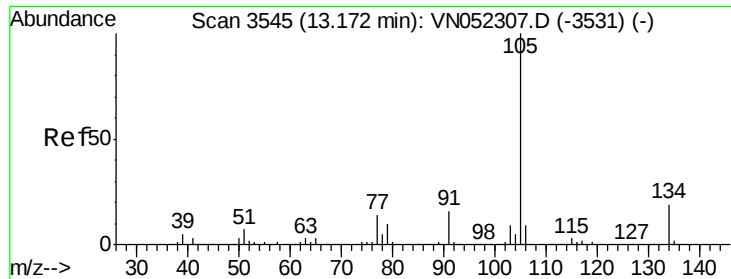
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.26 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	224522		
120	44.1	22.5	67.5	





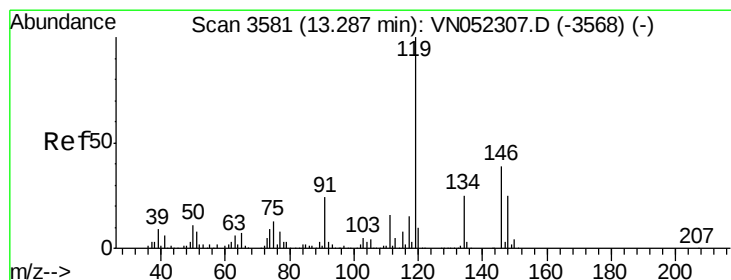
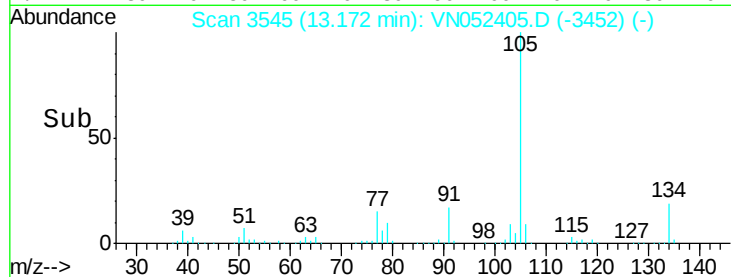
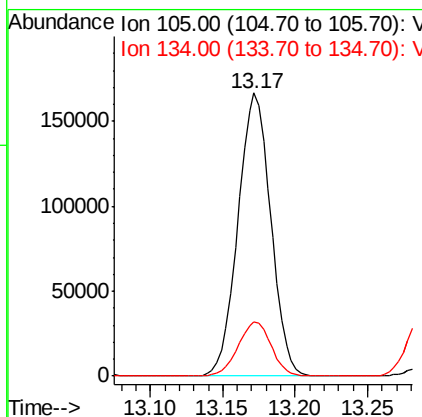
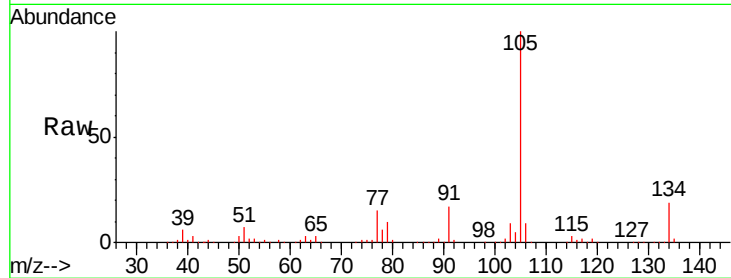
#85
 sec-Butylbenzene
 Concen: 20.72 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

Tgt Ion:105 Resp: 262179
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.5 28.5

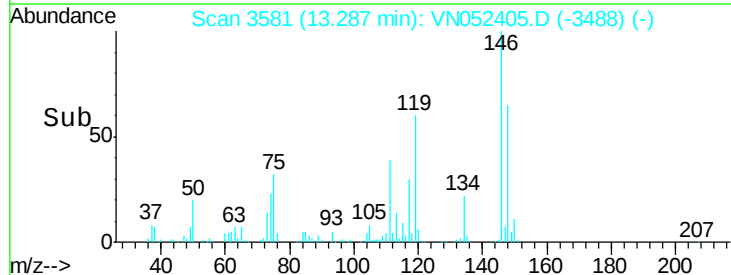
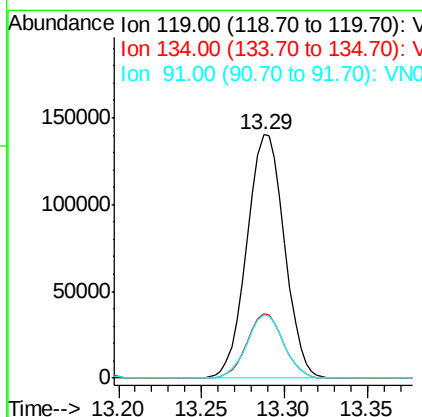
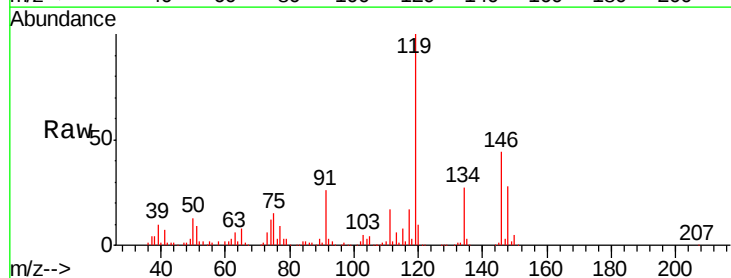
Manual Integrations
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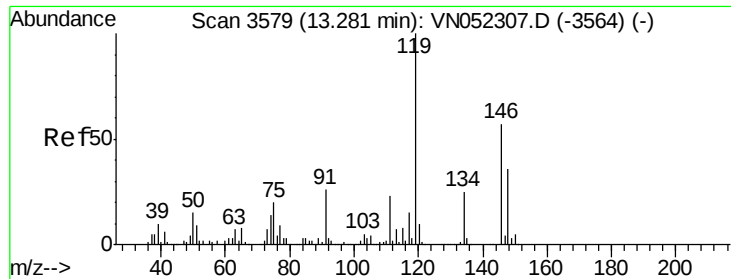
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#86
 p-Isopropyltoluene
 Concen: 20.61 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion:119 Resp: 220959
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 25.6 12.4 37.0





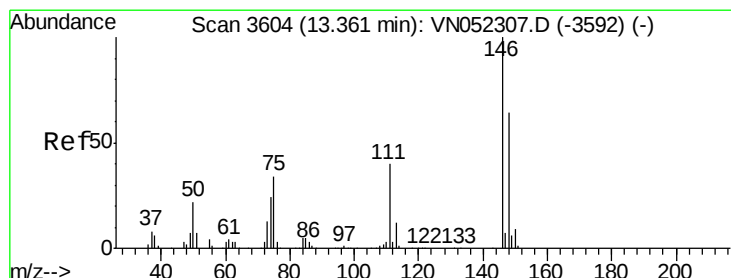
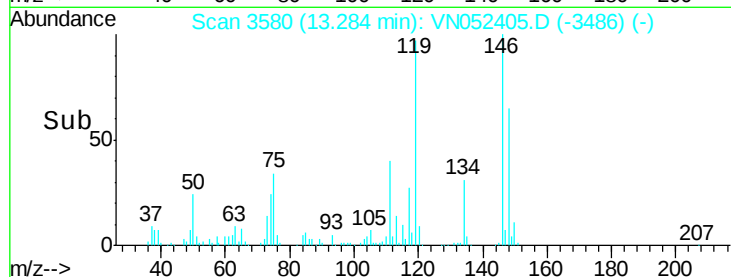
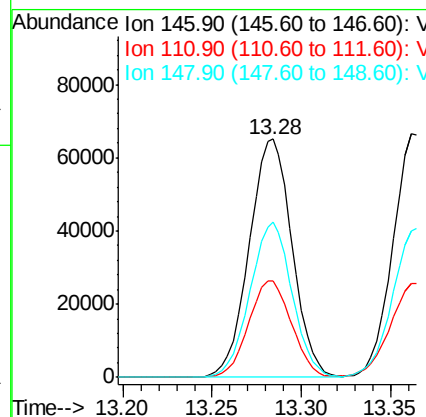
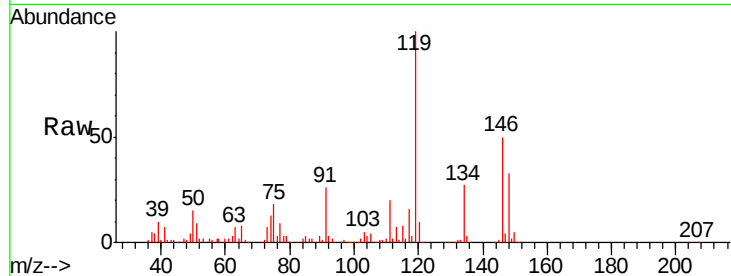
#87
 1,3-Dichlorobenzene
 Concen: 20.02 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	61.0
148	63.8	31.8	95.4

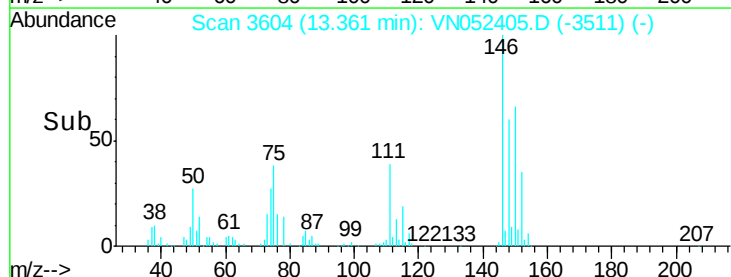
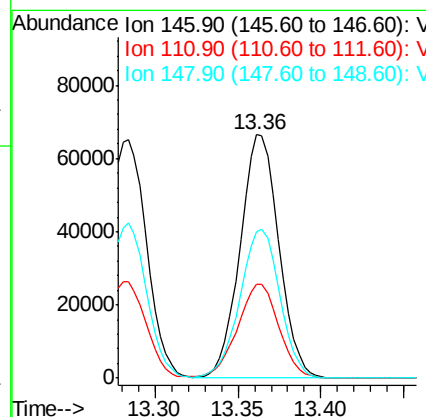
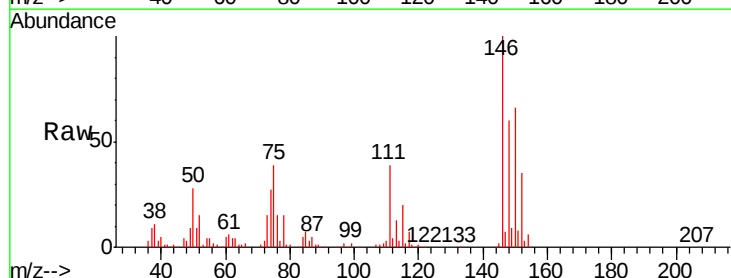
Manual Integrations
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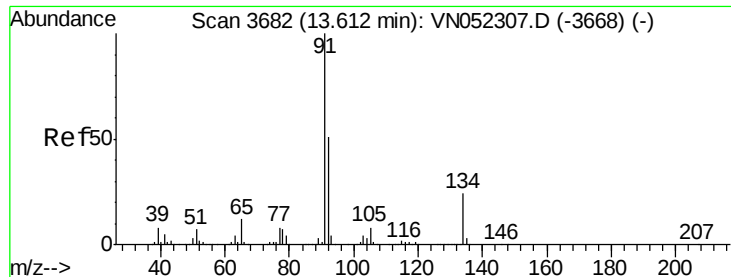
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#88
 1,4-Dichlorobenzene
 Concen: 19.87 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.6	61.8
148	63.2	32.4	97.2





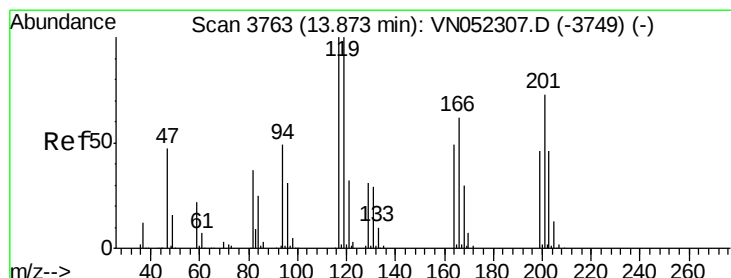
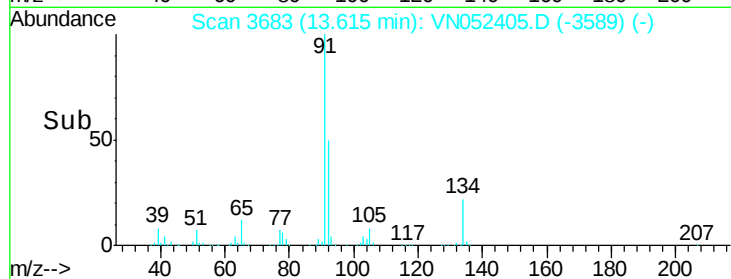
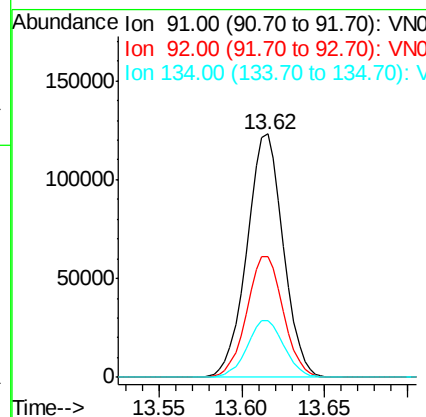
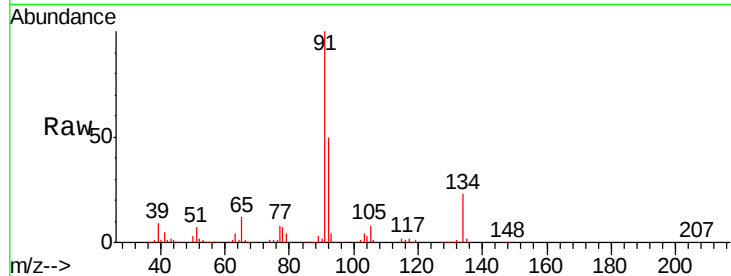
#89
n-Butylbenzene
Concen: 20.35 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	49.9	25.4	76.2
134	23.7	12.2	36.4

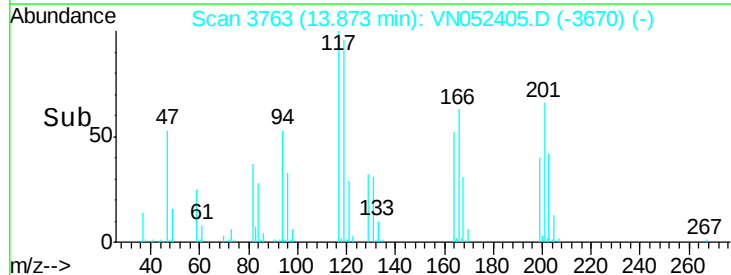
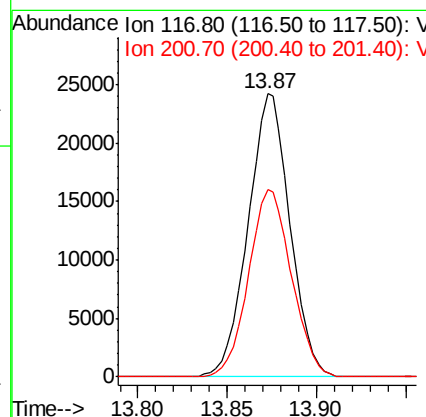
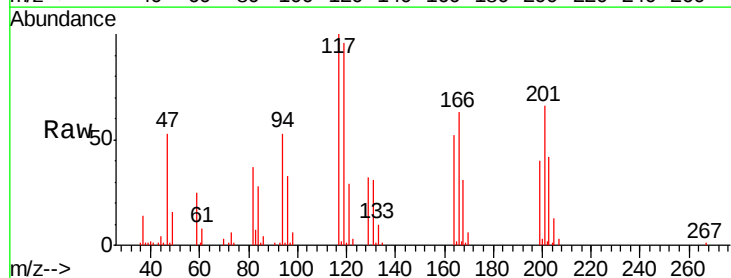
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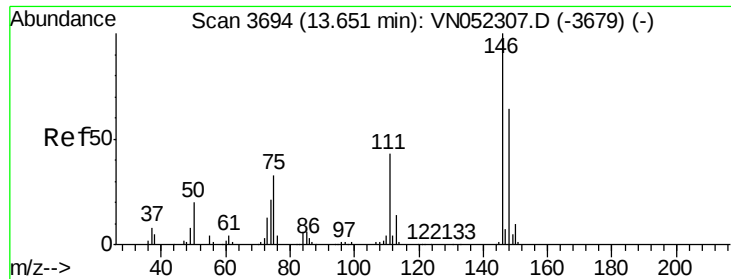
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#90
Hexachloroethane
Concen: 20.91 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.7	35.3	105.9





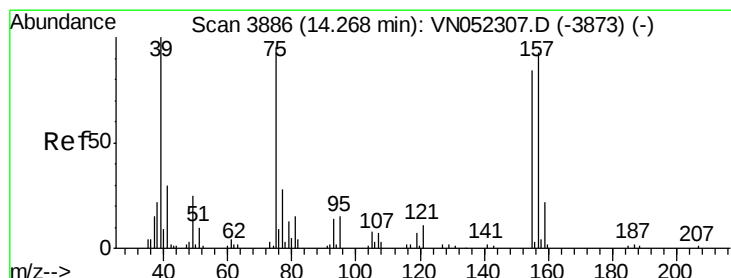
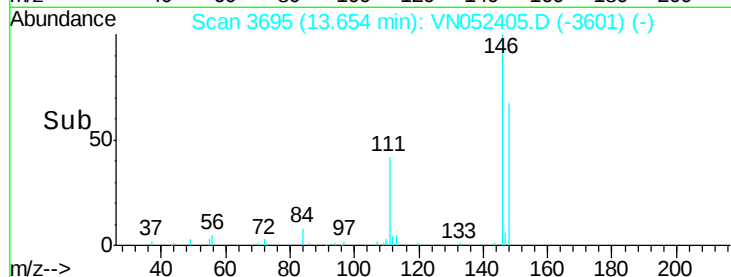
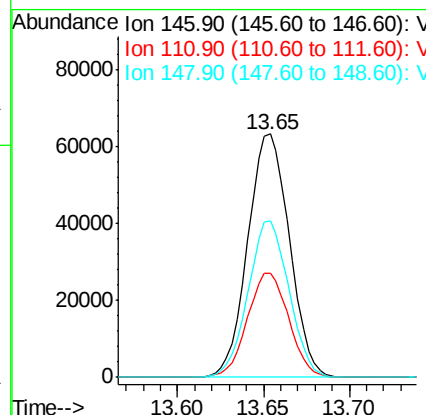
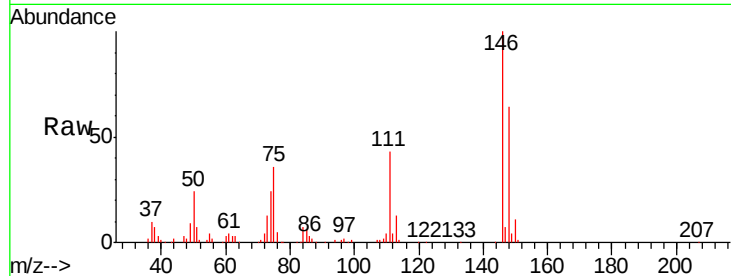
#91
 1,2-Dichlorobenzene
 Concen: 20.11 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.3	63.9
148	62.9	31.6	94.8

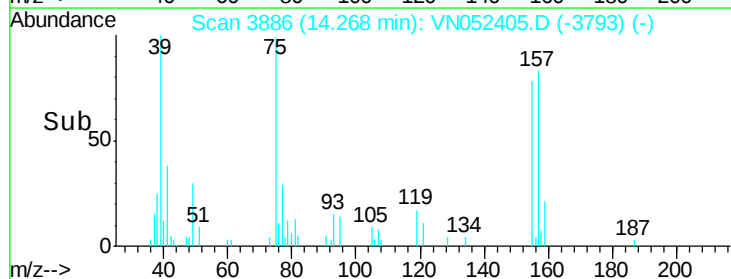
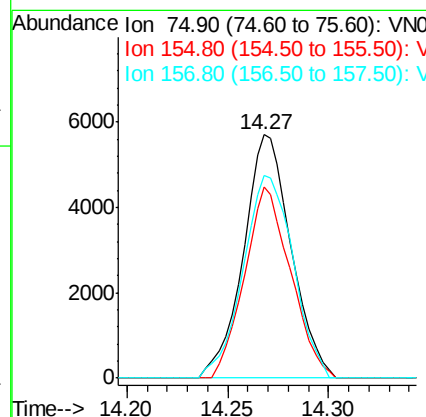
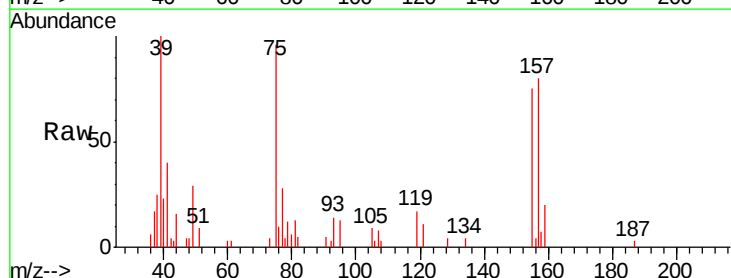
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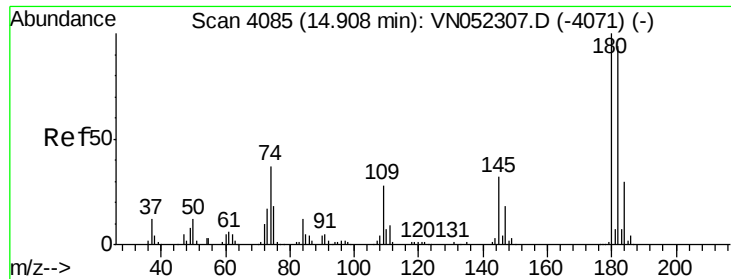
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.97 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.9	42.4	127.3
157	87.3	49.6	149.0





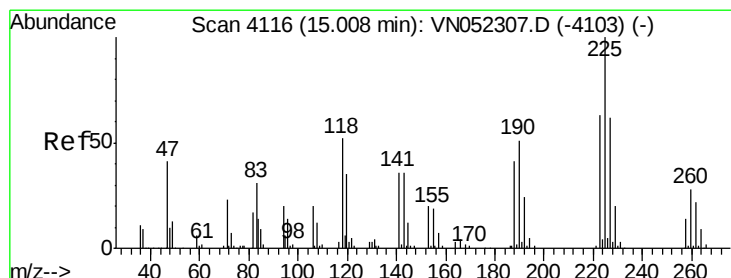
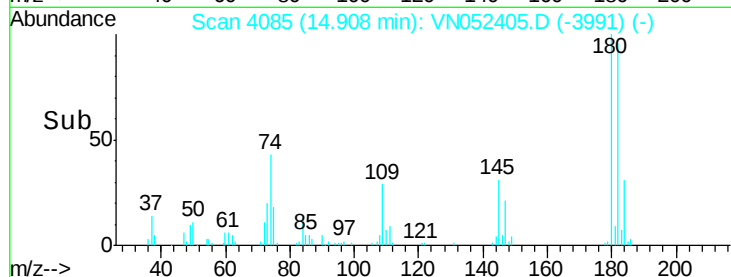
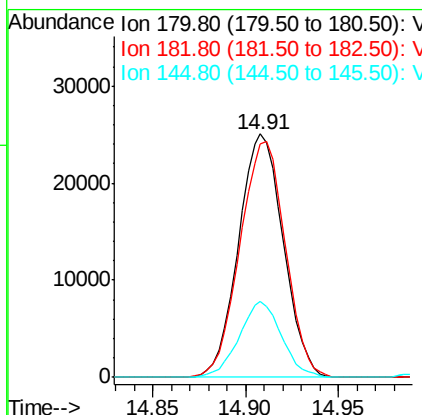
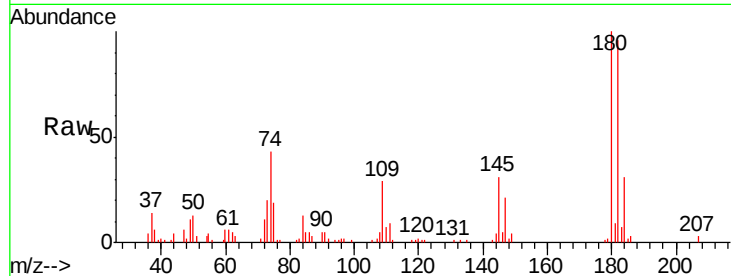
#93
 1,2,4-Trichlorobenzene
 Concen: 18.46 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	47.6	142.9
145	29.6	15.5	46.5

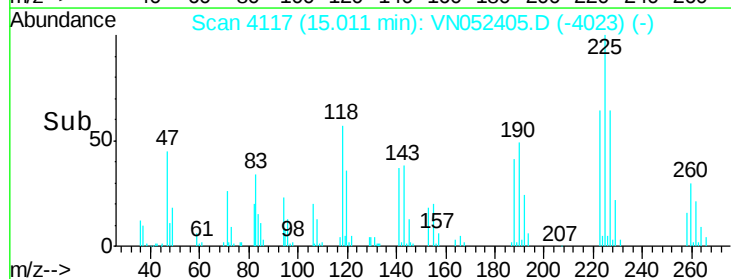
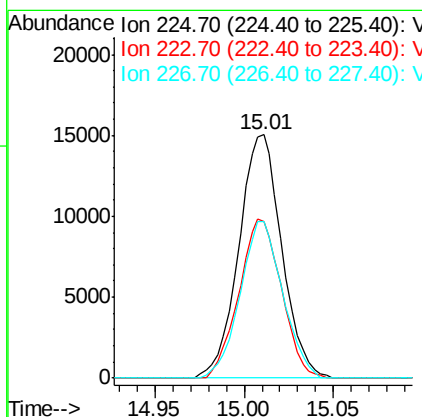
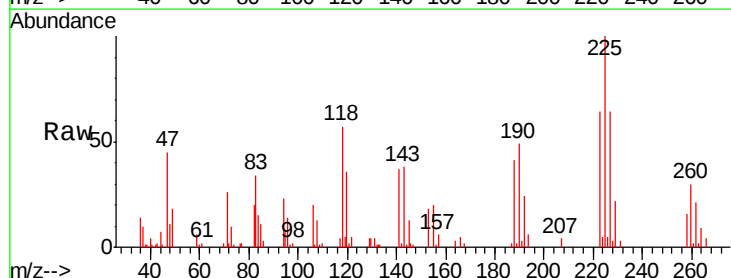
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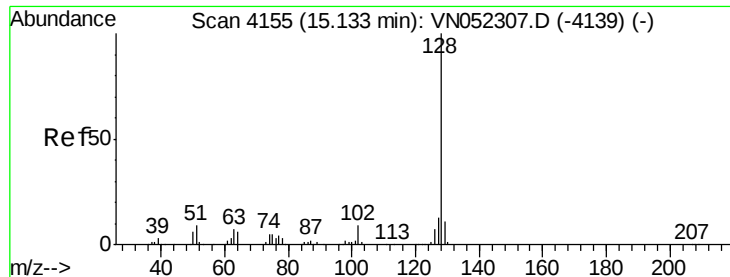
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#94
 Hexachlorobutadiene
 Concen: 20.86 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	31.9	95.5
227	63.8	31.6	95.0





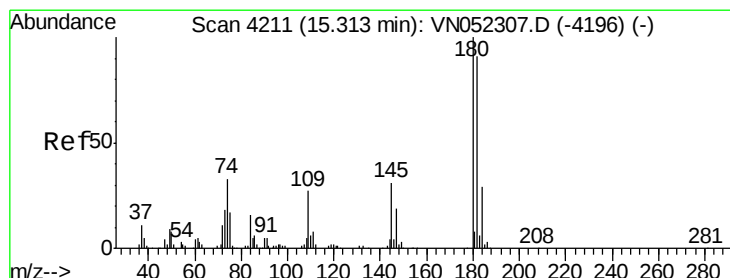
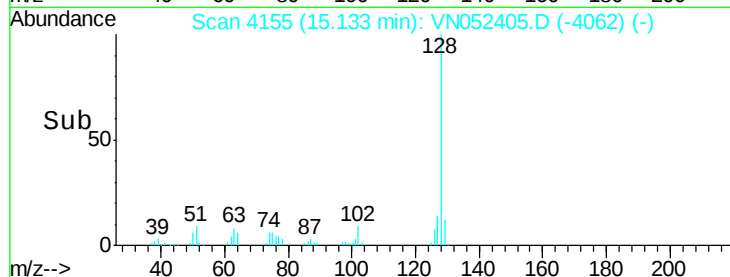
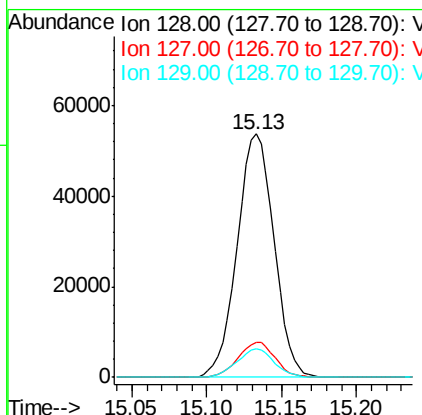
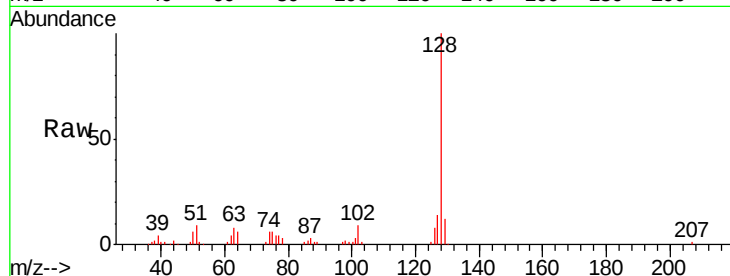
#95
Naphthalene
Concen: 17.63 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.4	15.6
129	11.7	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.23 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	46.5	139.3
145	33.6	16.4	49.2

