

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110118\
 Data File : VN052095.D
 Acq On : 1 Nov 2018 11:15
 Operator : MD\SY
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110118

Manual Integrations
 APPROVED

MMDadoda
 11/2/2018 9:21:17 AM

Quant Time: Nov 02 05:47:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 02 05:39:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	66219	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	390686	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	345124	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	147803	30.07	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.23%
60) 4-Bromofluorobenzene	12.40	95	169516	30.70	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	102.33%
63) Toluene-d8	10.09	98	493371	30.40	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.33%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	97293	21.999 ug/l	98
3) Chloromethane	2.06	50	104743	20.722 ug/l	95
4) Vinyl Chloride	2.19	62	101584	20.487 ug/l	96
5) Bromomethane	2.56	94	76702	22.662 ug/l	98
6) Chloroethane	2.71	64	63105	19.903 ug/l	99
7) Trichlorofluoromethane	3.02	101	142334	21.197 ug/l	95
8) Diethyl Ether	3.41	74	50816	22.414 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	84109	21.432 ug/l	95
10) 1,1-Dichloroethene	3.74	96	77269	21.100 ug/l	88
11) Methyl Iodide	3.96	142	100747	19.028 ug/l	94
12) Methyl Acetate	4.33	43	61166	19.844 ug/l	# 90
13) Acrolein	3.60	56	28358	86.740 ug/l	98
14) Acrylonitrile	4.99	53	135859	99.393 ug/l	72
15) Acetone	3.82	58	29426	91.086 ug/l	76
16) Carbon Disulfide	4.06	76	214099	19.801 ug/l	100
17) Allyl chloride	4.33	41	122500	19.702 ug/l	98
18) Methylene Chloride	4.55	84	89167	19.727 ug/l	97
19) trans-1,2-Dichloroethene	5.04	96	87480	21.803 ug/l	94
20) Diisopropyl ether	5.95	45	274764	20.336 ug/l	95
21) 1,1-Dichloroethane	5.85	63	158377	20.058 ug/l	97
22) cis-1,2-Dichloroethene	6.83	96	93302	19.914 ug/l	98
23) tert-Butyl Alcohol	4.77	59	17240m	80.950 ug/l	
24) Methyl tert-Butyl Ether	5.04	73	220692m	21.258 ug/l	
25) Chloroform	7.37	83	161771	20.404 ug/l	100
26) Cyclohexane	7.65	56	144291	20.386 ug/l	# 98
29) 1,1-Dichloropropene	7.79	75	122679	19.778 ug/l	98
30) 2-Butanone	6.84	43	157048	95.075 ug/l	# 76
31) 2,2-Dichloropropane	6.82	77	128355	20.089 ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	135849	19.575 ug/l	97
33) Carbon Tetrachloride	7.78	117	119299	19.329 ug/l	98
34) Benzene	8.04	78	358047	19.714 ug/l	99
35) Methacrylonitrile	7.17	41	27455	12.118 ug/l	# 63
36) 1,2-Dichloroethane	8.12	62	118057	19.441 ug/l	100
37) Trichloroethene	8.84	130	90649	19.942 ug/l	95
38) Methylcyclohexane	9.08	83	153716	20.315 ug/l	98
39) 1,2-Dichloropropane	9.12	63	93620	19.365 ug/l	90
40) Dibromomethane	9.21	93	58236	19.542 ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	115048	18.869	ug/l	96
42) Vinyl Acetate	5.90	43	952842	98.534	ug/l	99
43) Ethyl Acetate	6.84	43	157048	18.918	ug/l #	86
44) Isopropyl Acetate	8.16	43	134282	19.537	ug/l #	87
45) 1,4-Dioxane	9.20	88	9066	289.148	ug/l #	71
46) Methyl methacrylate	9.20	41	70956	20.740	ug/l	94
47) n-amyl Acetate	12.07	43	121394	19.485	ug/l #	100
48) t-1,3-Dichloropropene	10.38	75	117710	19.442	ug/l	96
49) cis-1,3-Dichloropropene	9.84	75	135718	19.421	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	75973	19.280	ug/l	93
51) Ethyl methacrylate	10.43	69	98033	19.249	ug/l	97
52) 1,3-Dichloropropane	10.71	76	136803	19.931	ug/l	99
53) Dibromochloromethane	10.90	129	82581	19.412	ug/l	96
54) 1,2-Dibromoethane	11.01	107	77452	19.383	ug/l	100
55) 2-Chloroethyl vinyl ether	9.70	63	292565	104.908	ug/l	99
56) Bromoform	12.13	173	44441	18.087	ug/l	99
58) 4-Methyl-2-Pentanone	9.99	43	362075	97.906	ug/l	99
59) 2-Hexanone	10.75	43	254309	99.873	ug/l	99
61) Tetrachloroethene	10.63	164	74456	19.837	ug/l	99
62) Toluene	10.16	91	390842	20.174	ug/l	98
64) Chlorobenzene	11.43	112	243174	19.804	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	81673	19.543	ug/l	98
66) Ethyl Benzene	11.51	91	414298	19.797	ug/l	99
67) m/p-Xylenes	11.62	106	329924	40.949	ug/l	97
68) o-Xylene	11.95	106	159786	20.802	ug/l	95
69) Styrene	11.96	104	252044	20.362	ug/l	99
70) Isopropylbenzene	12.25	105	420529	20.394	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.50	83	91994	20.283	ug/l	98
72) 1,2,3-Trichloropropane	12.55	75	85859m	21.530	ug/l	
73) Bromobenzene	12.53	156	96192	21.052	ug/l	91
74) n-propylbenzene	12.59	91	488077	20.326	ug/l	99
75) 2-Chlorotoluene	12.67	91	291235	21.037	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	346026	20.927	ug/l	98
77) t-1,4-Dichloro-2-butene	12.30	75	21841	17.504	ug/l	98
78) 4-Chlorotoluene	12.77	91	292096	20.952	ug/l	100
79) tert-butylbenzene	12.99	119	310083	21.528	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	355836	21.602	ug/l	100
81) sec-Butylbenzene	13.17	105	423750	21.378	ug/l	100
82) p-Isopropyltoluene	13.29	119	360200	21.502	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	172279	21.316	ug/l	98
84) 1,4-Dichlorobenzene	13.36	146	168328	21.039	ug/l	97
85) n-Butylbenzene	13.62	91	315743	21.778	ug/l	99
86) Hexachloroethane	13.87	117	54063	19.125	ug/l	95
87) 1,2-Dichlorobenzene	13.65	146	162303	21.137	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	11718	18.894	ug/l	90
89) 1,2,4-Trichlorobenzene	14.91	180	70584	22.644	ug/l	96
90) Hexachlorobutadiene	15.01	225	40952	24.014	ug/l	93
91) Naphthalene	15.13	128	152001	21.156	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	57254	21.075	ug/l	99

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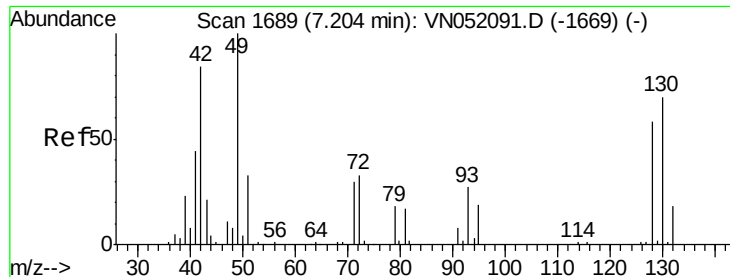
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



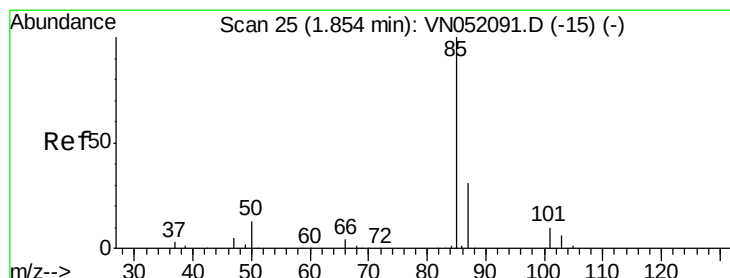
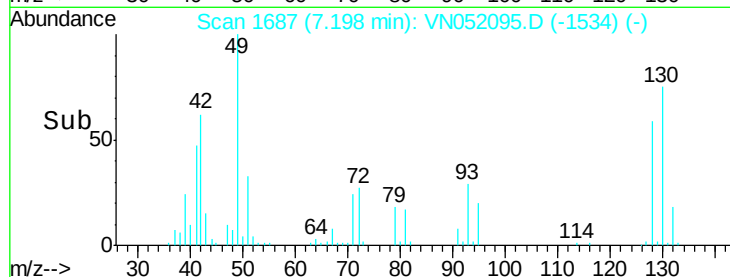
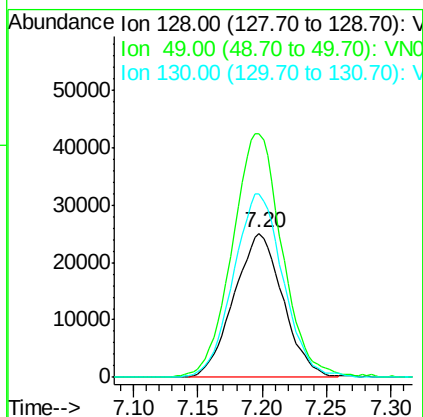
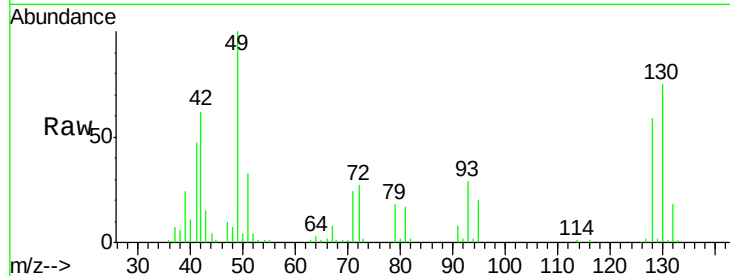
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Instrument :
MSVOA_N
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ICVVN110118

Tgt Ion	Ratio	Lower	Upper
128	100		
49	172.4	0.0	453.7
130	129.0	0.0	308.8

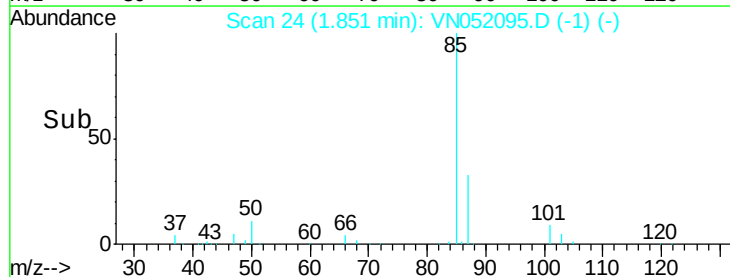
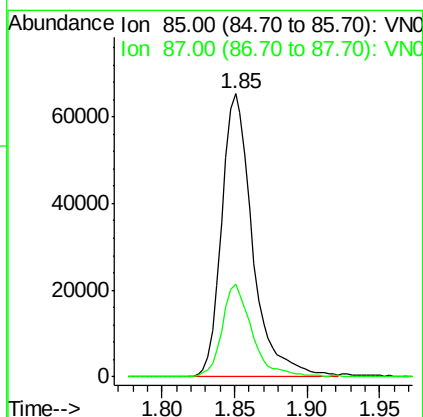
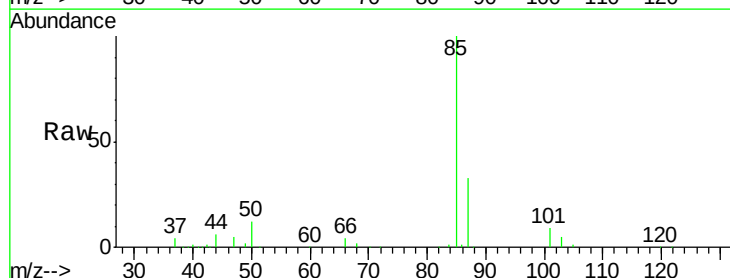
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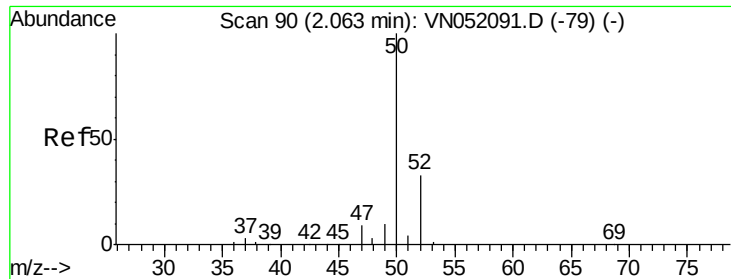
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#2
Dichlorodifluoromethane
Concen: 21.999 ug/l
RT: 1.85 min Scan# 24
Delta R.T. -0.00 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	15.7	47.1





#3

Chloromethane

Concen: 20.722 ug/l

RT: 2.06 min Scan# 90

Delta R.T. -0.00 min

Lab File: VN052095.D

Acq: 1 Nov 2018 11:15

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110118

Tgt Ion: 50 Resp: 104743

Ion Ratio Lower Upper

50 100

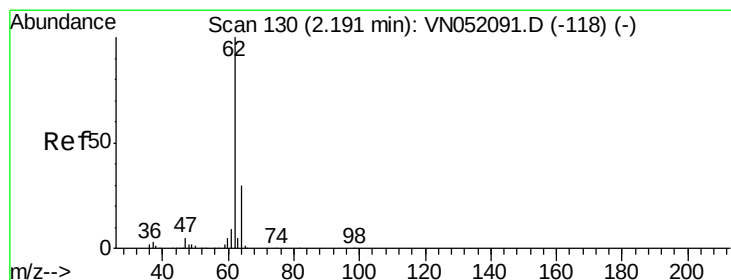
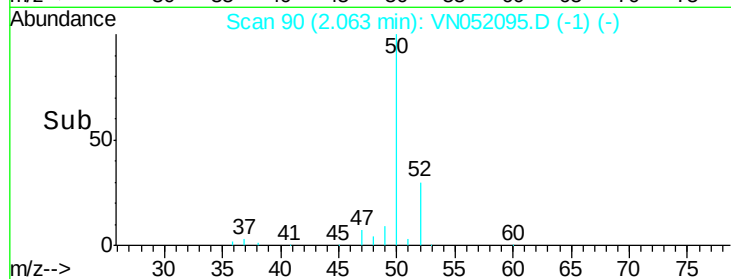
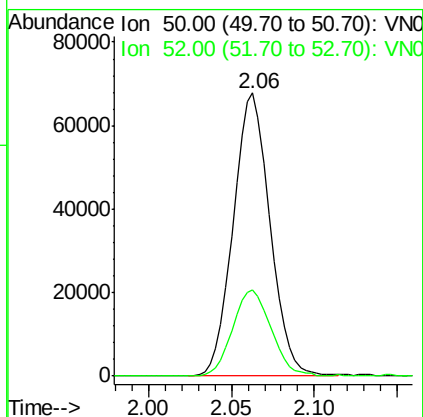
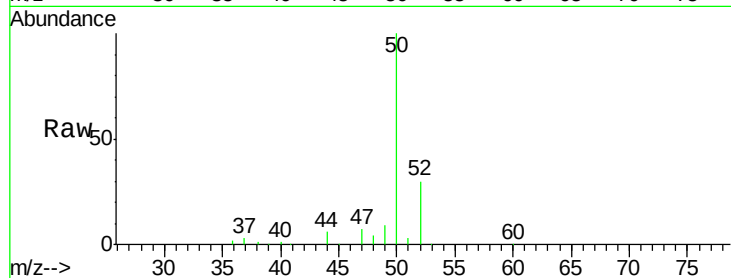
52 30.4 26.5 39.7

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#4

Vinyl Chloride

Concen: 20.487 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN052095.D

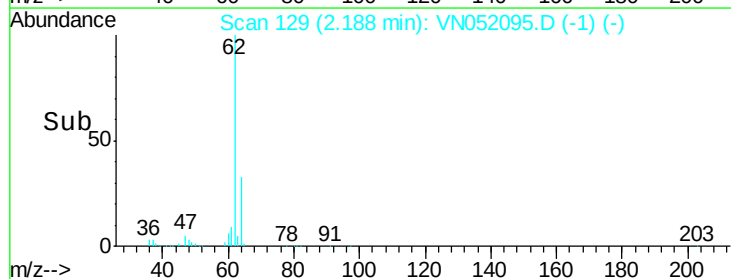
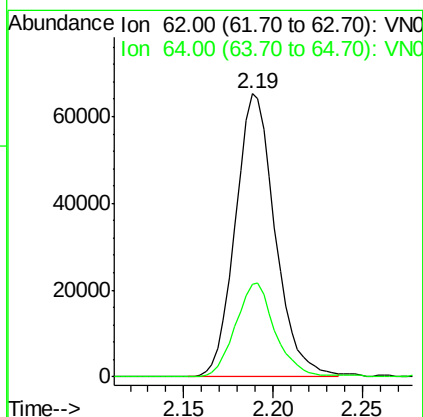
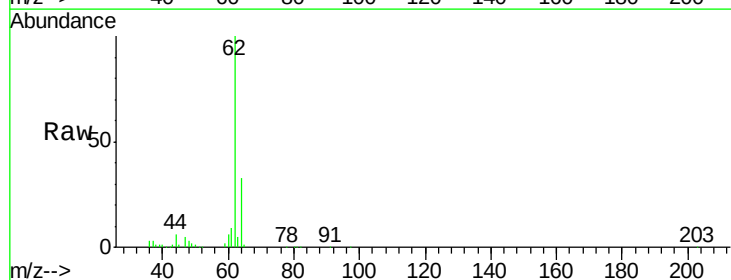
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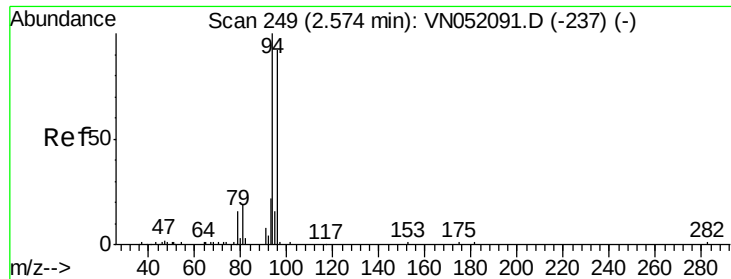
Tgt Ion: 62 Resp: 101584

Ion Ratio Lower Upper

62 100

64 32.6 24.2 36.4





#5

Bromomethane

Concen: 22.662 ug/l

RT: 2.56 min Scan# 246

Delta R.T. -0.01 min

Lab File: VN052095.D

Acq: 1 Nov 2018 11:15

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110118

Tgt Ion: 94 Resp: 76702

Ion Ratio Lower Upper

94 100

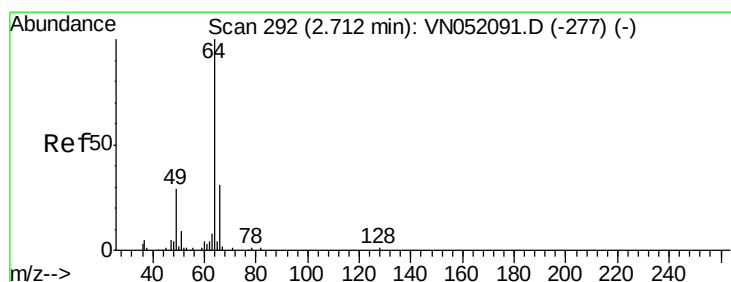
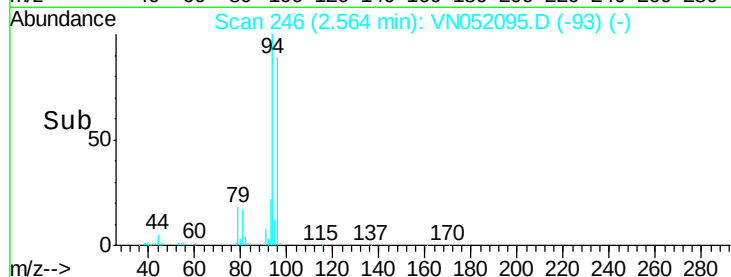
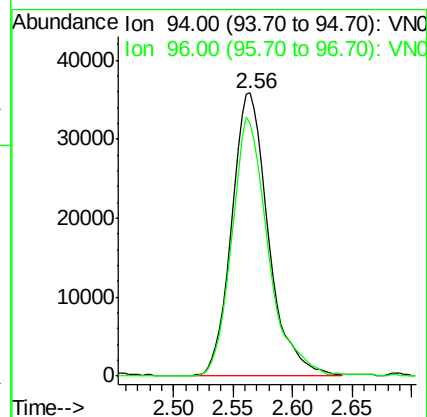
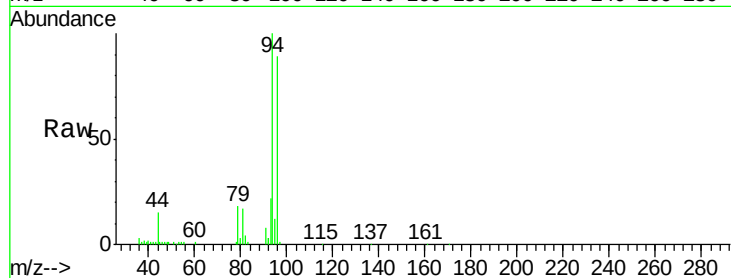
96 89.4 73.4 110.0

Manual Integrations

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#6

Chloroethane

Concen: 19.903 ug/l

RT: 2.71 min Scan# 290

Delta R.T. -0.01 min

Lab File: VN052095.D

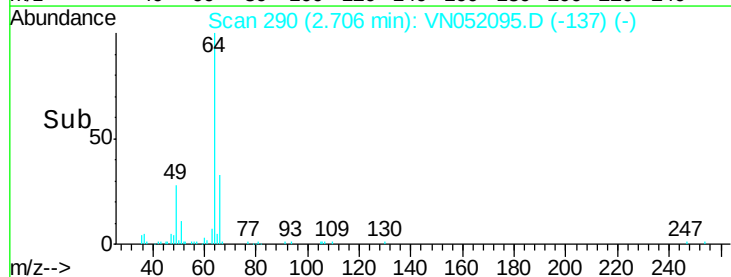
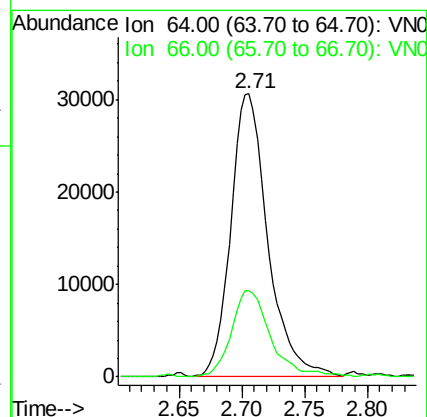
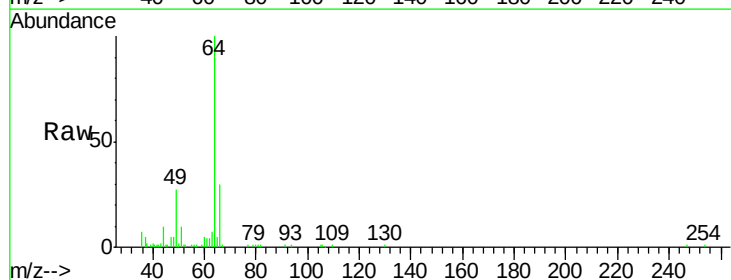
Acq: 1 Nov 2018 11:15

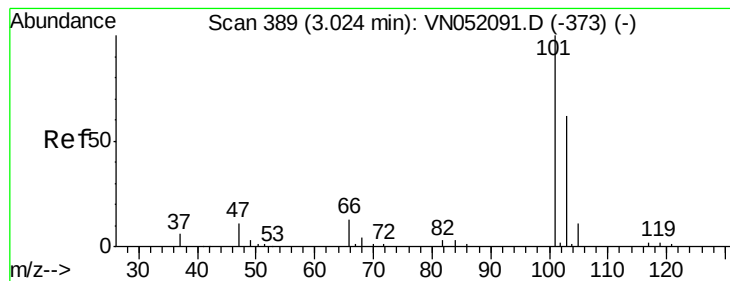
Tgt Ion: 64 Resp: 63105

Ion Ratio Lower Upper

64 100

66 30.4 24.7 37.1





#7

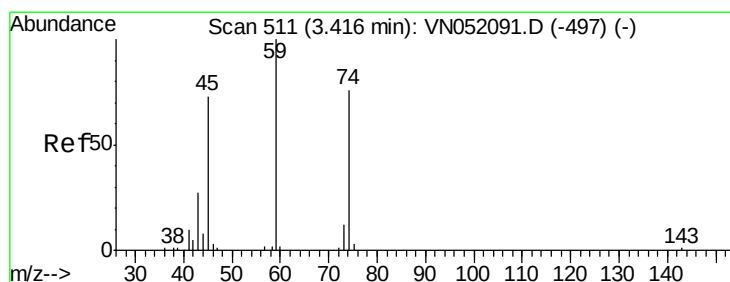
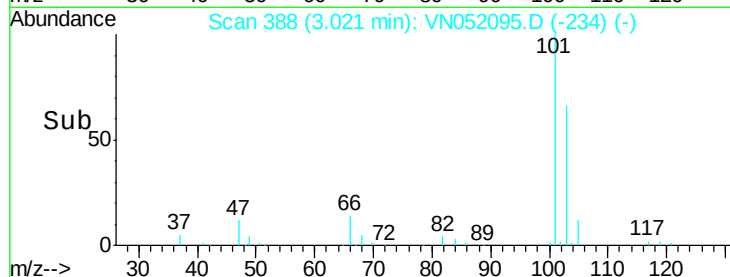
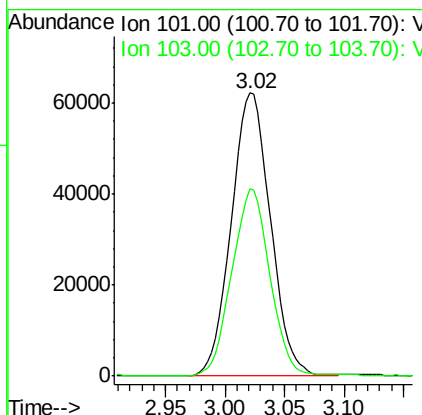
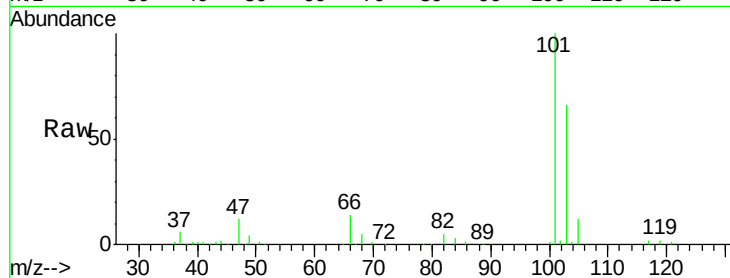
Trichlorofluoromethane
 Concen: 21.197 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN052095.D
 Acq: 1 Nov 2018 11:15

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	66.0	49.5	74.3

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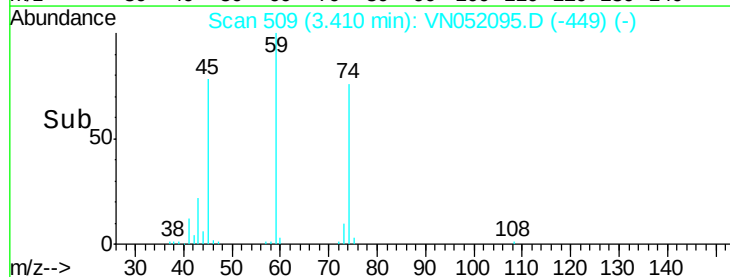
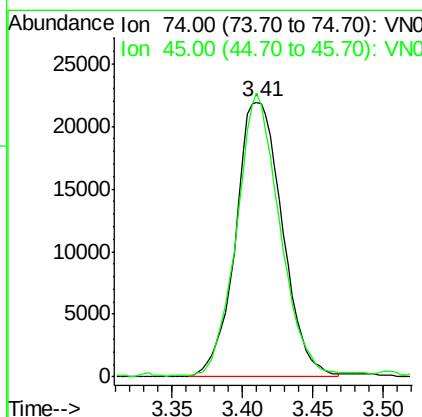
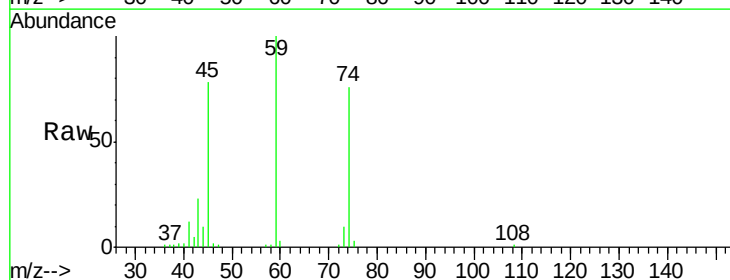
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 11/2/2018 9:21:17 AM

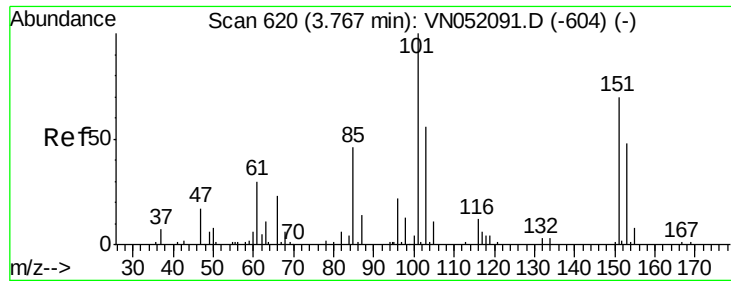


#8

Diethyl Ether
 Concen: 22.414 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: VN052095.D
 Acq: 1 Nov 2018 11:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.0	19.4	174.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.432 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.01 min

Lab File: VN052095.D

Acq: 1 Nov 2018 11:15

Instrument :

MSVOA_N

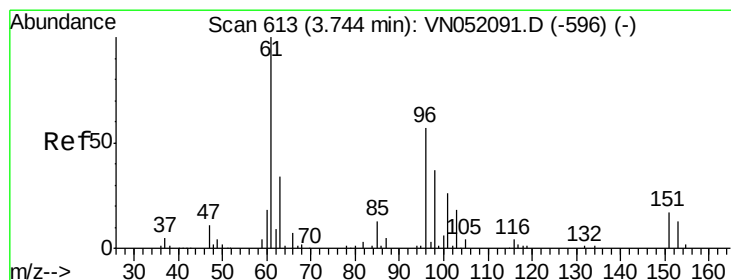
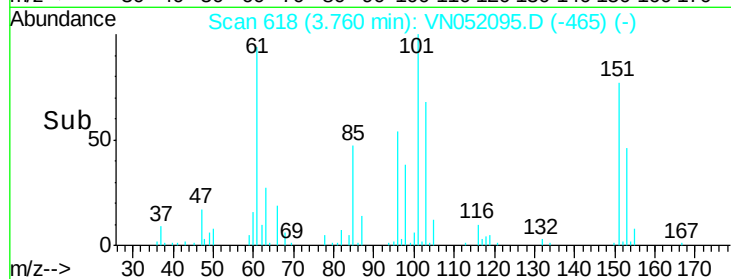
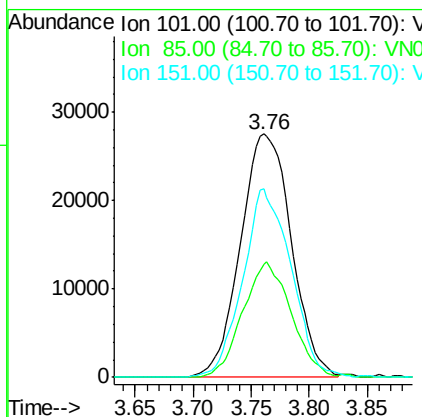
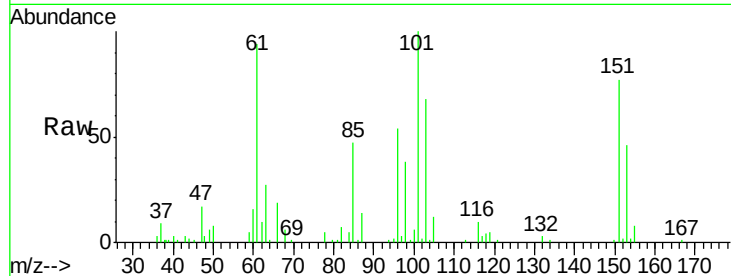
ClientSampleId :

ICVFN110118

Tgt Ion:	101	Resp:	84109
Ion Ratio	Lower	Upper	
101	100		
85	45.0	0.0	98.0
151	73.5	0.0	139.6

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#10

1,1-Dichloroethene

Concen: 21.100 ug/l

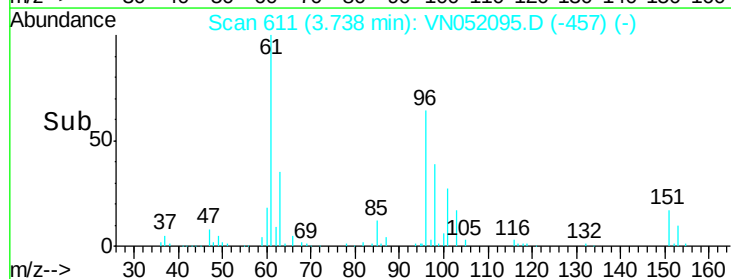
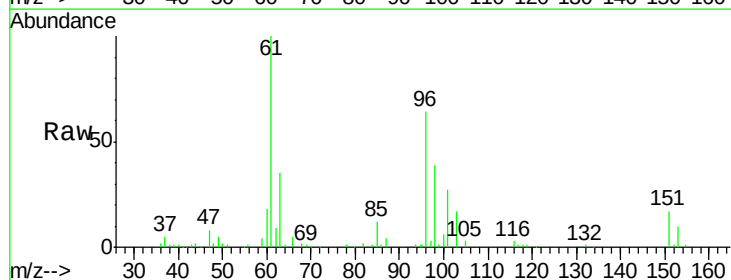
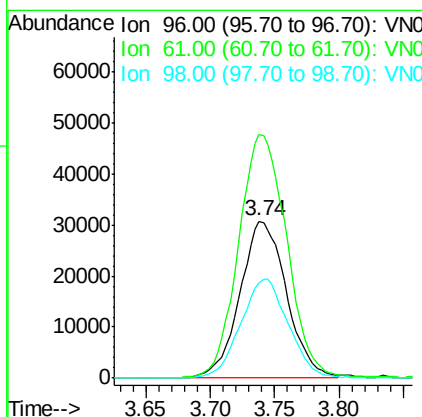
RT: 3.74 min Scan# 611

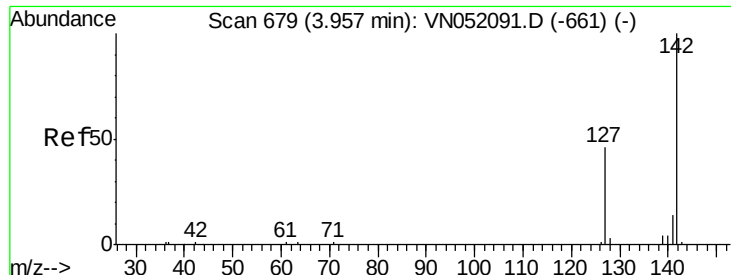
Delta R.T. -0.01 min

Lab File: VN052095.D

Acq: 1 Nov 2018 11:15

Tgt Ion:	96	Resp:	77269
Ion Ratio	Lower	Upper	
96	100		
61	154.2	140.3	210.5
98	61.0	52.0	78.0





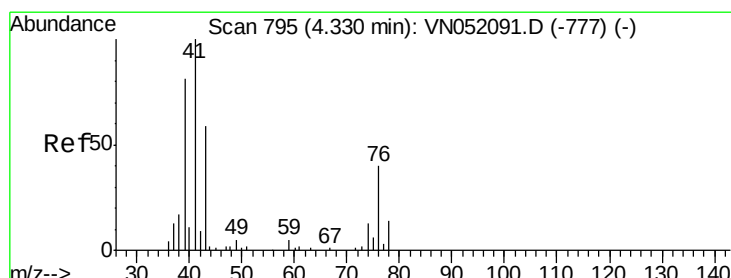
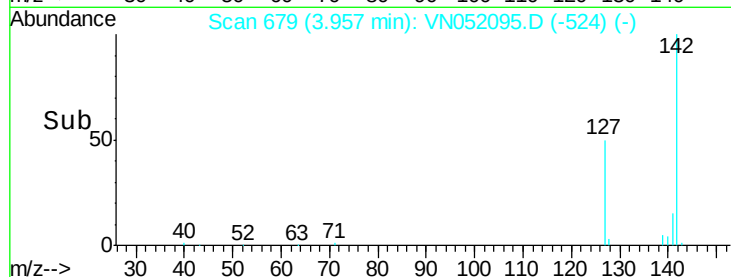
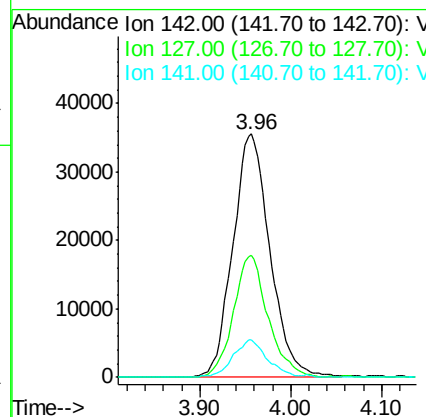
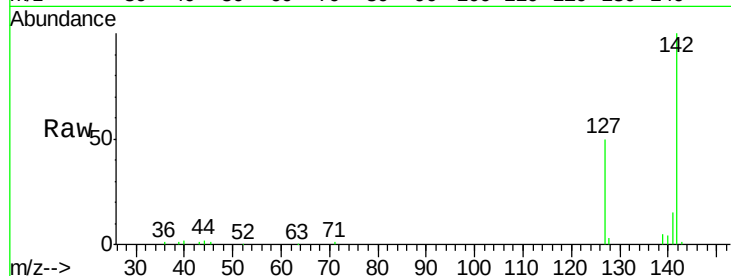
#11
Methyl Iodide
Concen: 19.028 ug/l
RT: 3.96 min Scan# 679
Delta R.T. -0.00 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110118

Tgt Ion	Ratio	Lower	Upper
142	100		
127	50.3	23.1	69.2
141	15.5	7.0	20.9

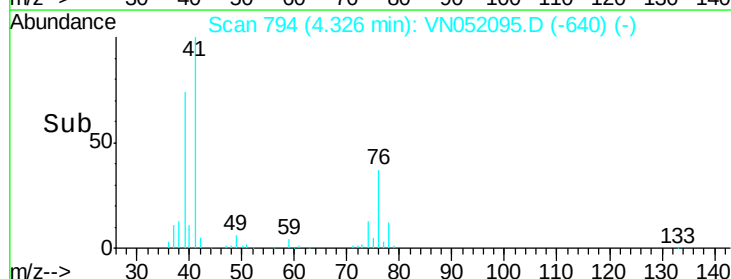
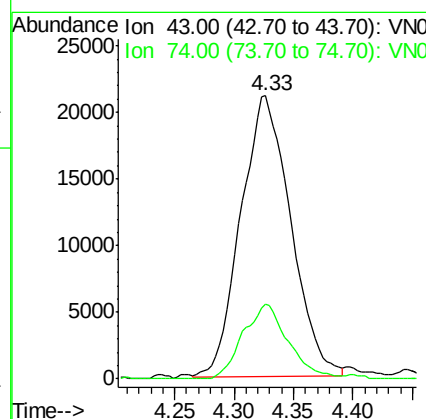
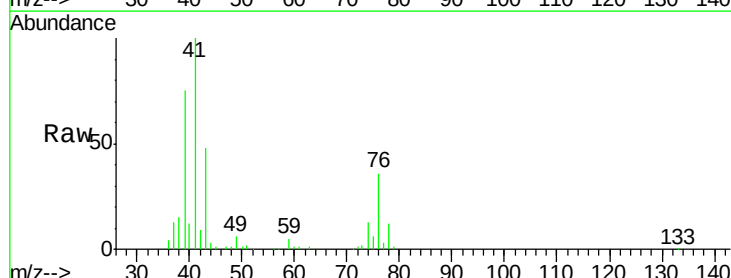
Manual Integrations
APPROVED

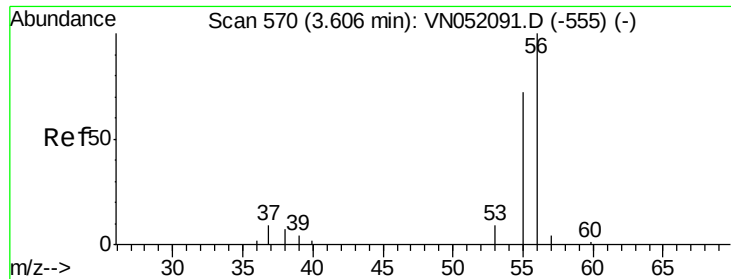
MMDadoda
11/2/2018 9:21:17 AM



#12
Methyl Acetate
Concen: 19.844 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.8	17.4	26.2





#13

Acrolein

Concen: 86.740 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN052095.D

Acq: 1 Nov 2018 11:15

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110118

Tgt Ion: 56 Resp: 28358

Ion Ratio Lower Upper

56 100

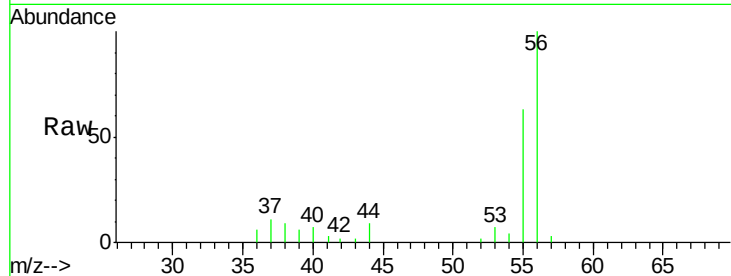
55 72.2 56.2 84.2

Manual Integrations

APPROVED

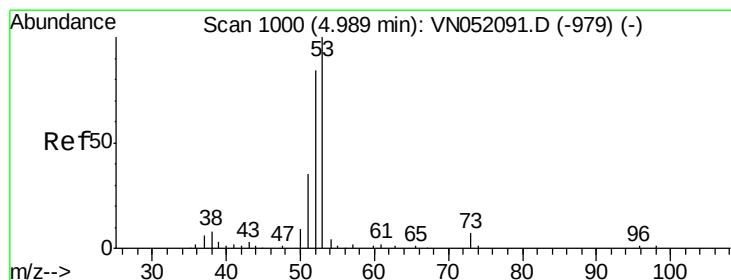
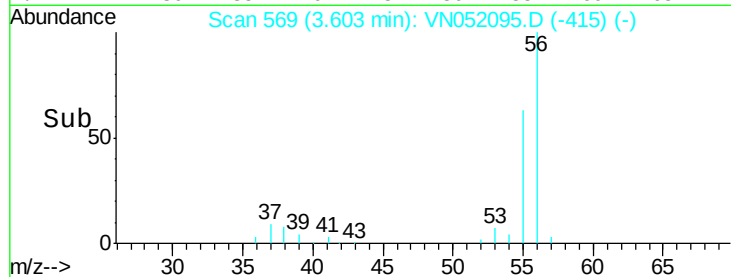
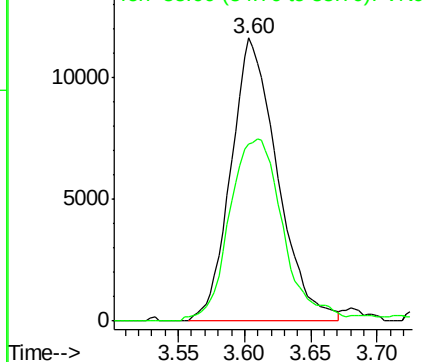
MMDadoda

11/2/2018 9:21:17 AM



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 99.393 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN052095.D

Acq: 1 Nov 2018 11:15

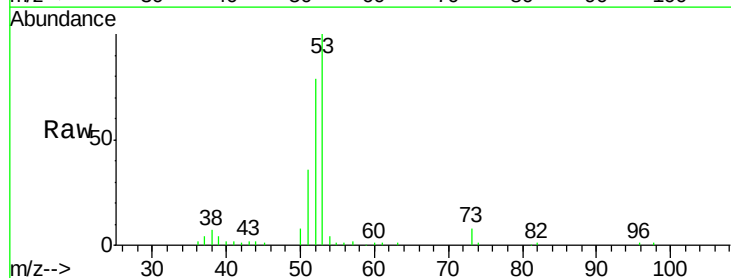
Tgt Ion: 53 Resp: 135859

Ion Ratio Lower Upper

53 100

52 46.9 41.3 124.1

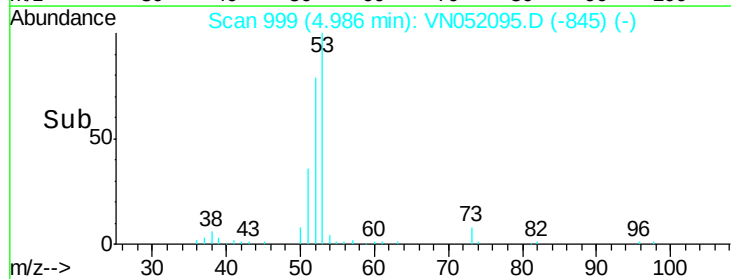
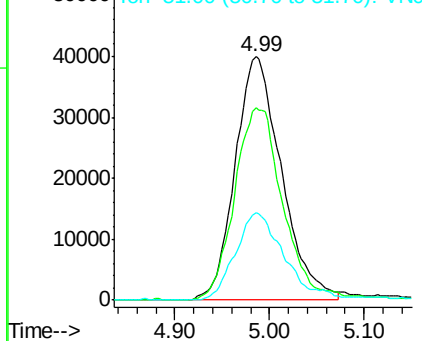
51 37.7 18.6 55.6

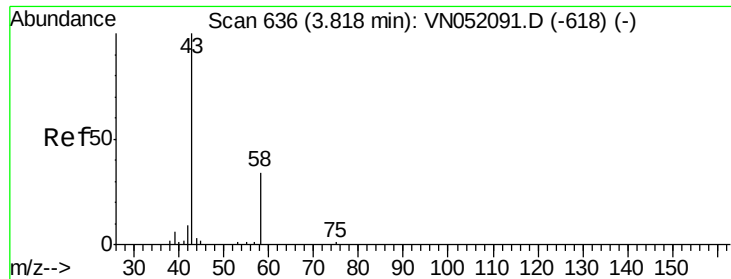


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 91.086 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN052095.D

Acq: 1 Nov 2018 11:15

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110118

Tgt Ion: 58 Resp: 29426

Ion Ratio Lower Upper

58 100

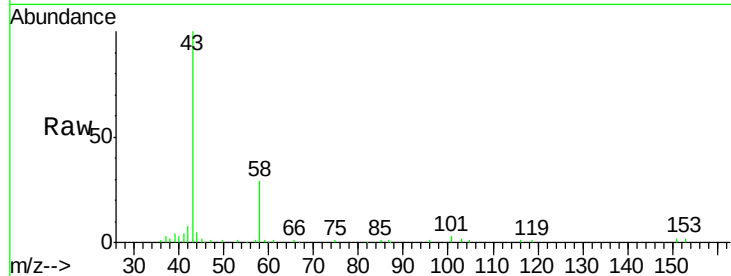
43 339.3 234.7 352.1

Manual Integrations

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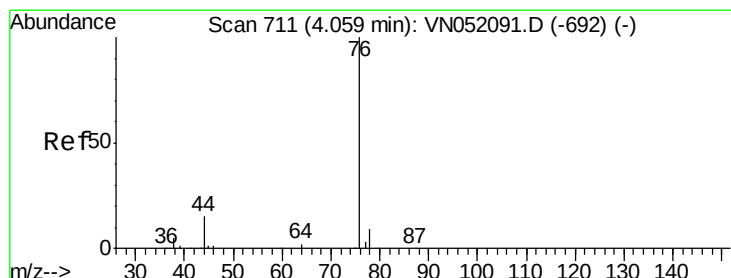
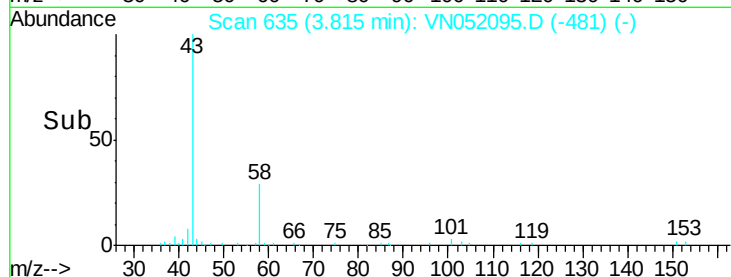
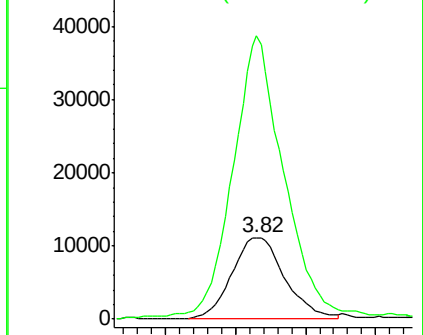
MMDadoda

11/2/2018 9:21:17 AM



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 19.801 ug/l

RT: 4.06 min Scan# 710

Delta R.T. -0.00 min

Lab File: VN052095.D

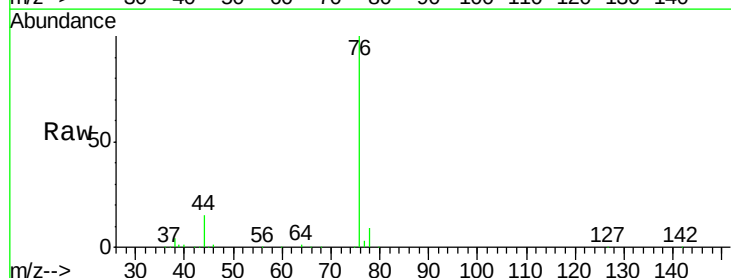
Acq: 1 Nov 2018 11:15

Tgt Ion: 76 Resp: 214099

Ion Ratio Lower Upper

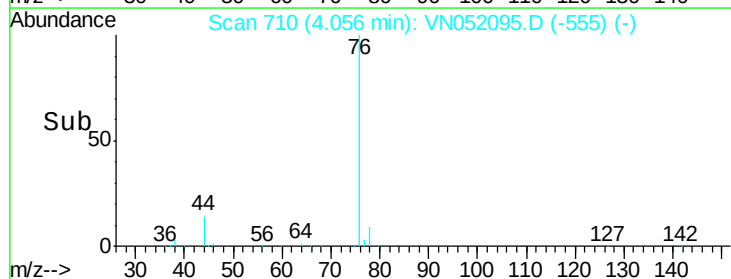
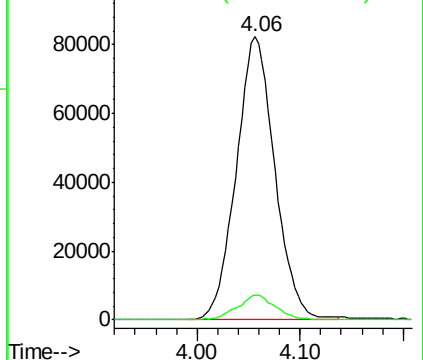
76 100

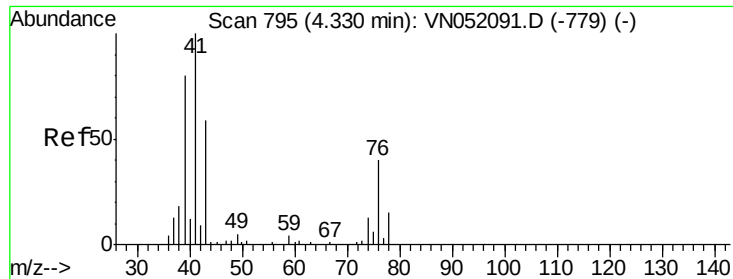
78 8.7 7.0 10.6



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





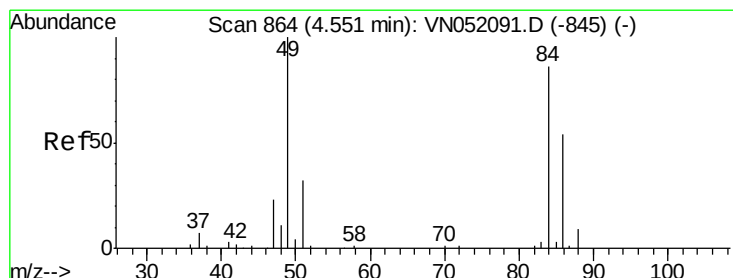
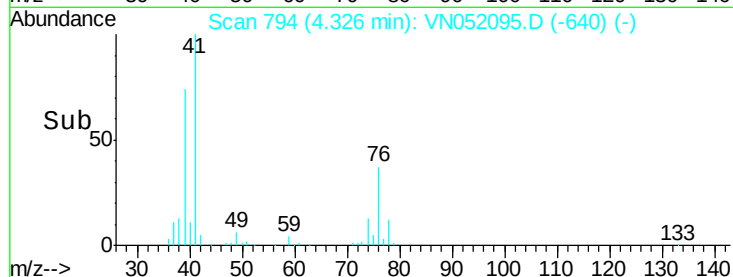
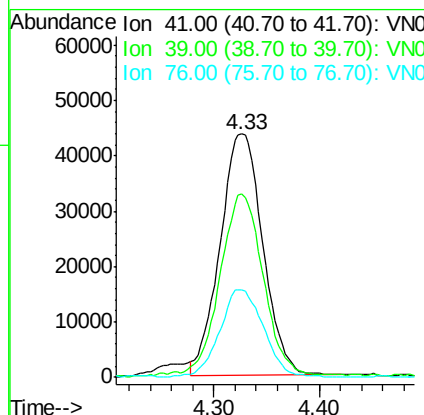
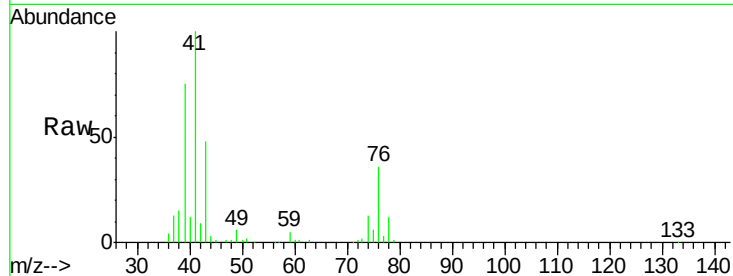
#17
 Allyl chloride
 Concen: 19.702 ug/l
 RT: 4.33 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: VN052095.D
 Acq: 1 Nov 2018 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110118

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	122500		
39	74.7		38.4	115.1
76	36.0		18.8	56.3

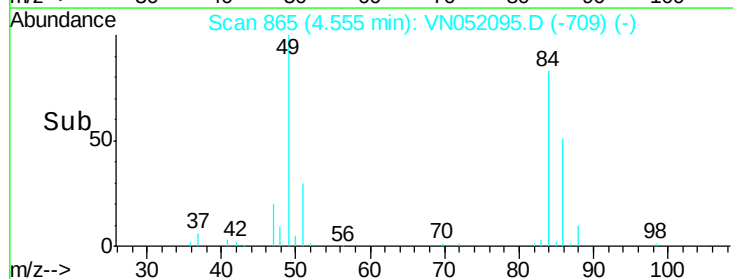
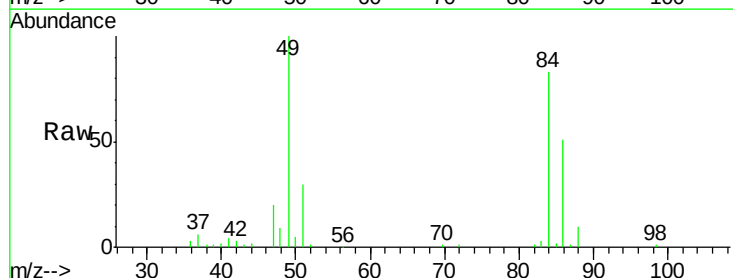
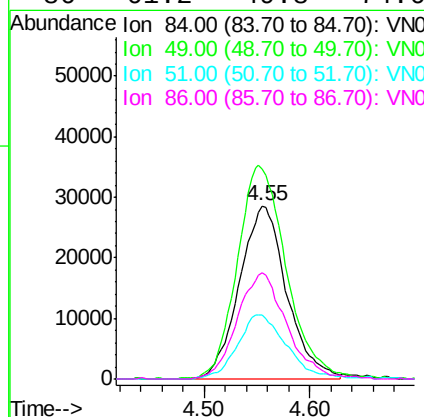
Manual Integrations
 APPROVED

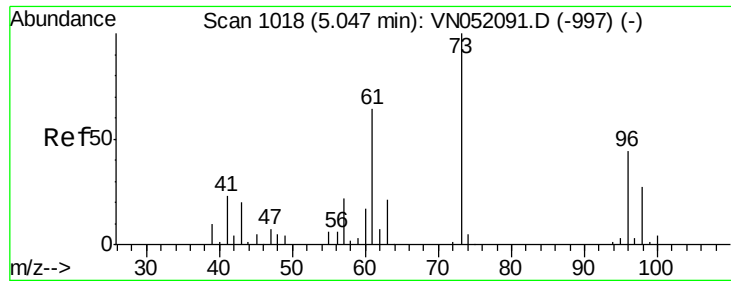
MMDadoda
 11/2/2018 9:21:17 AM



#18
 Methylene Chloride
 Concen: 19.727 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN052095.D
 Acq: 1 Nov 2018 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	89167		
49	120.1		92.6	138.8
51	36.8		29.7	44.5
86	61.2		49.8	74.6





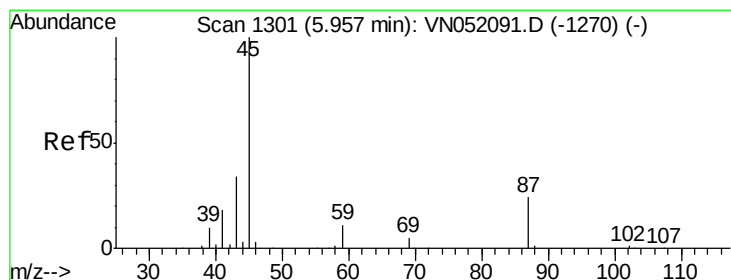
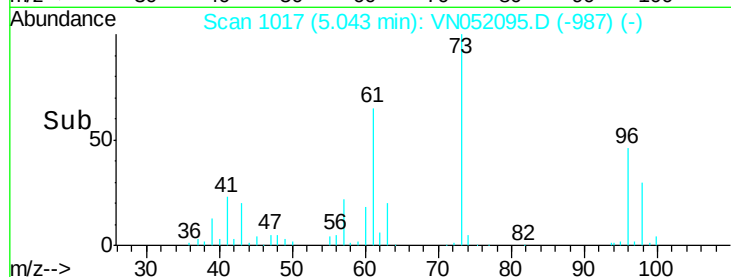
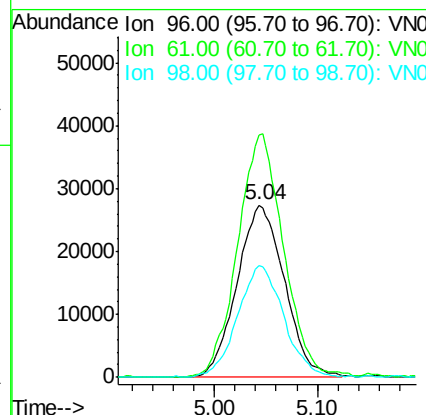
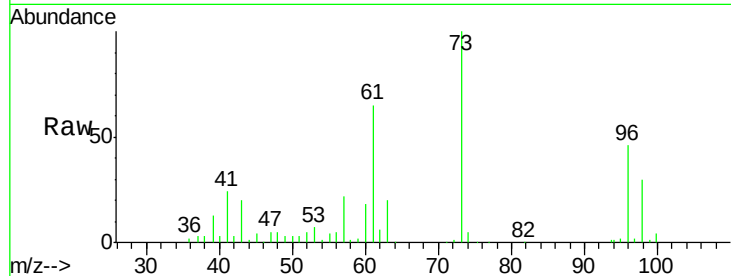
#19
trans-1,2-Dichloroethene
Concen: 21.803 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110118

Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.5	117.8	176.6
98	65.0	49.3	73.9

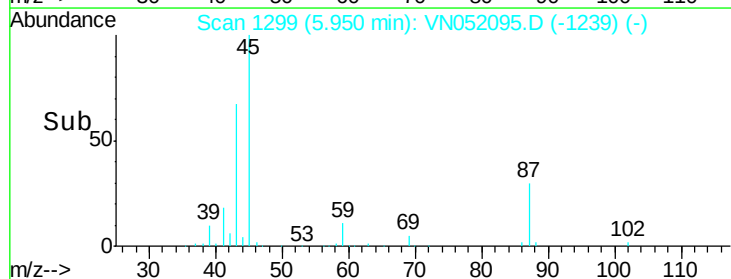
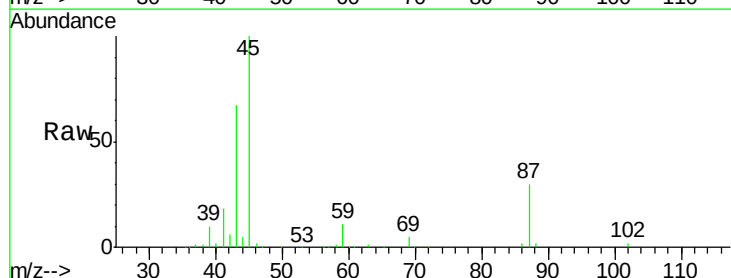
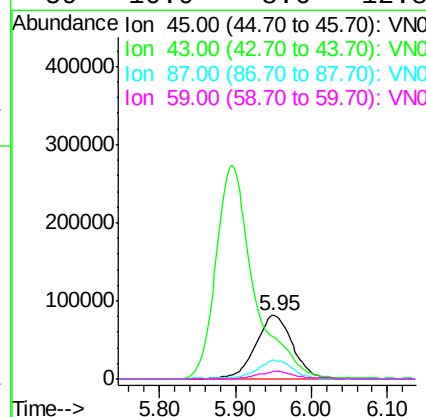
Manual Integrations
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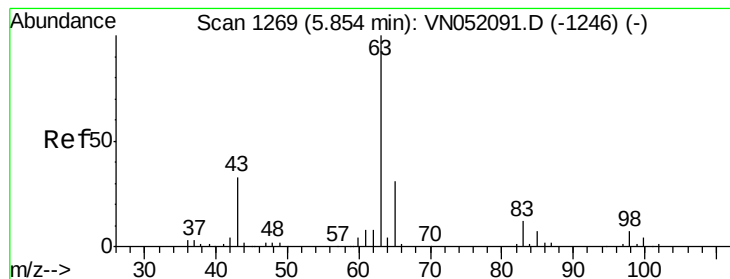
MMDadoda
11/2/2018 9:21:17 AM



#20
Diisopropyl ether
Concen: 20.336 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.01 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.8	49.4	74.0
87	29.5	20.3	30.5
59	10.9	8.6	12.8





#21

1,1-Dichloroethane

Concen: 20.058 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN052095.D

Acq: 1 Nov 2018 11:15

Instrument :

MSVOA_N

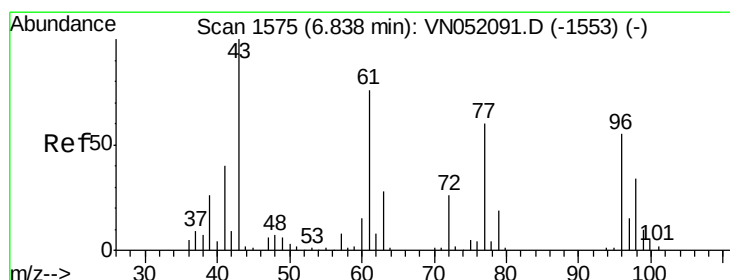
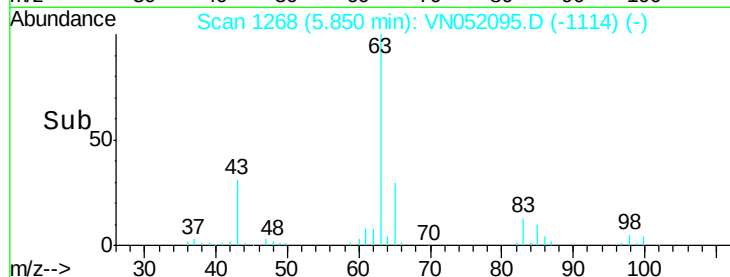
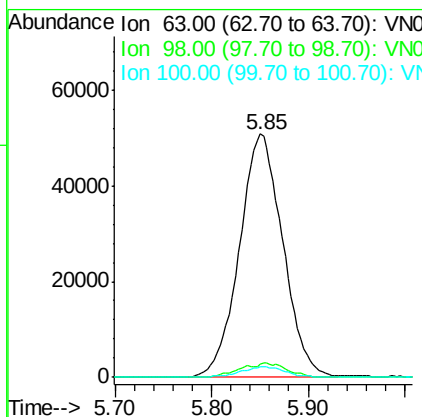
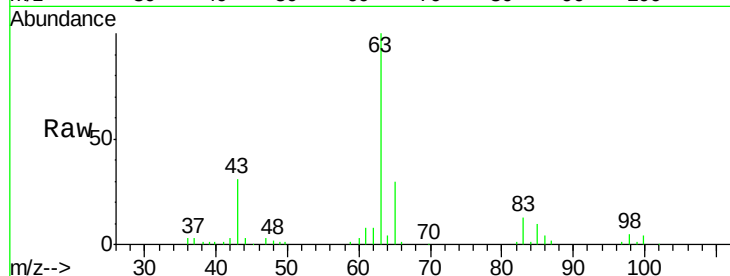
ClientSampleId :

ICVVN110118

Tgt Ion:	63	Resp:	158377
Ion	Ratio	Lower	Upper
63	100		
98	5.3	3.4	10.1
100	4.1	2.0	5.8

Manual Integrations
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11/2/2018 9:21:17 AM



#22

cis-1,2-Dichloroethene

Concen: 19.914 ug/l

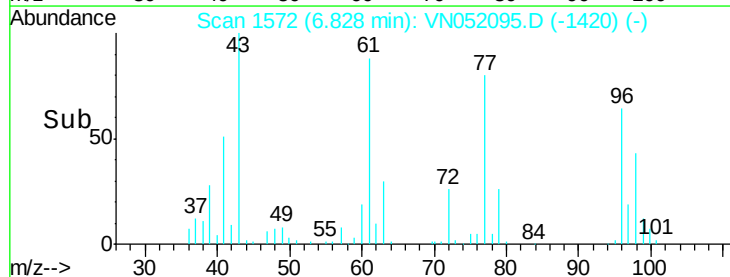
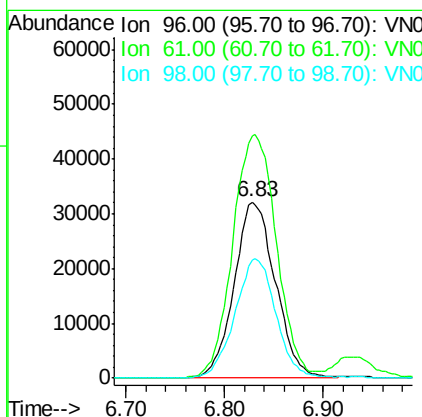
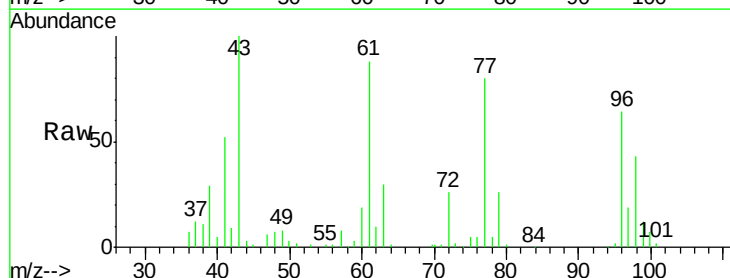
RT: 6.83 min Scan# 1572

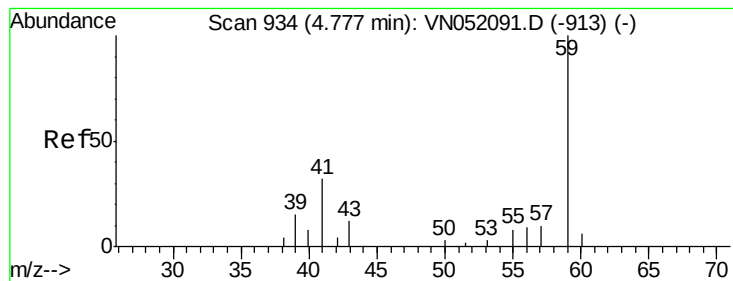
Delta R.T. -0.01 min

Lab File: VN052095.D

Acq: 1 Nov 2018 11:15

Tgt Ion:	96	Resp:	93302
Ion	Ratio	Lower	Upper
96	100		
61	146.5	117.6	176.4
98	67.1	51.0	76.4





#23

tert-Butyl Alcohol

Concen: 80.950 ug/l m

RT: 4.77 min Scan# 932

Delta R.T. -0.01 min

Lab File: VN052095.D

Acq: 1 Nov 2018 11:15

Instrument :

MSVOA_N

ClientSampleId :

ICVFN110118

Tgt Ion: 59 Resp: 17240

Ion Ratio Lower Upper

59 100

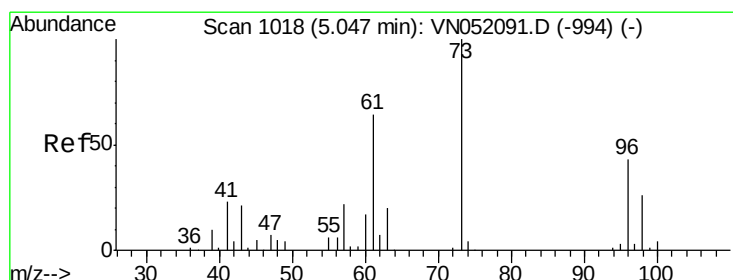
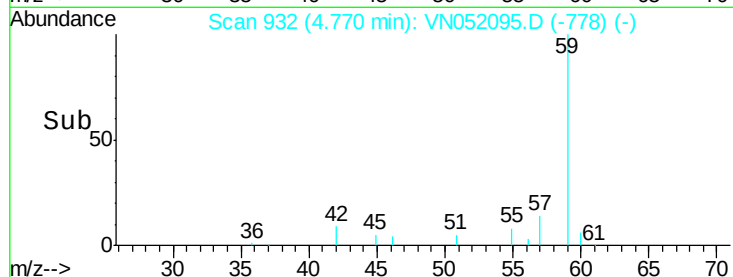
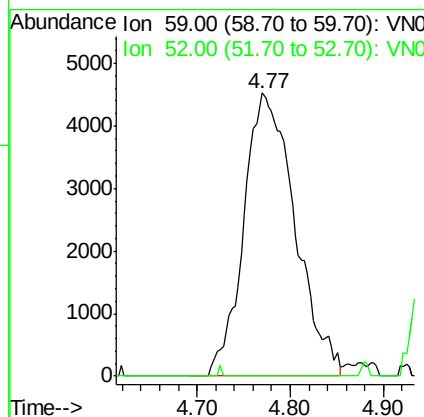
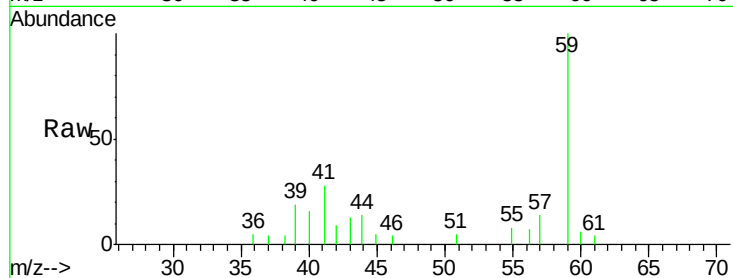
52 0.0 0.3 0.5#

Manual Integrations

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#24

Methyl tert-Butyl Ether

Concen: 21.258 ug/l m

RT: 5.04 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VN052095.D

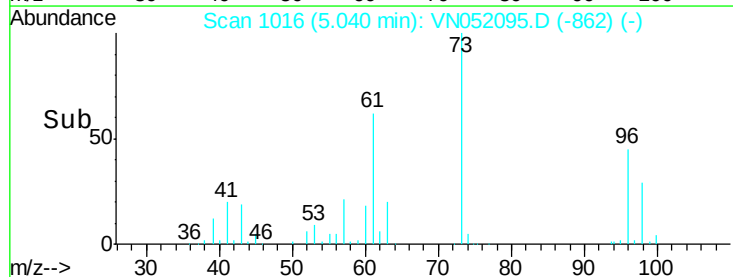
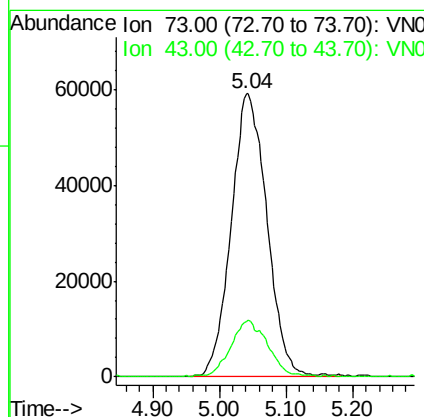
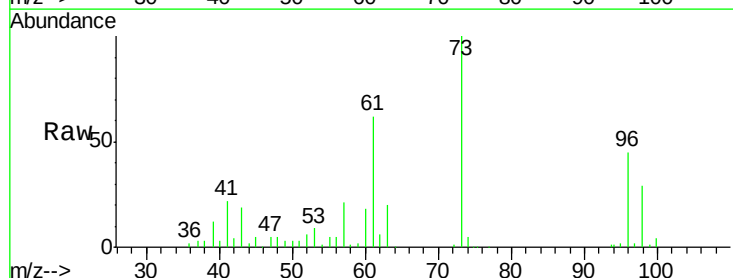
Acq: 1 Nov 2018 11:15

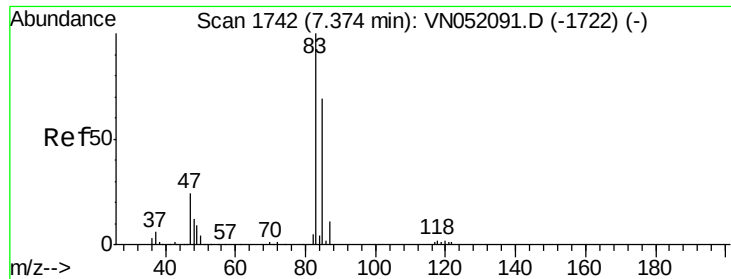
Tgt Ion: 73 Resp: 220692

Ion Ratio Lower Upper

73 100

43 0.0 17.4 26.2#





#25

Chloroform

Concen: 20.404 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN052095.D

Acq: 1 Nov 2018 11:15

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110118

Tgt Ion: 83 Resp: 161771

Ion Ratio Lower Upper

83 100

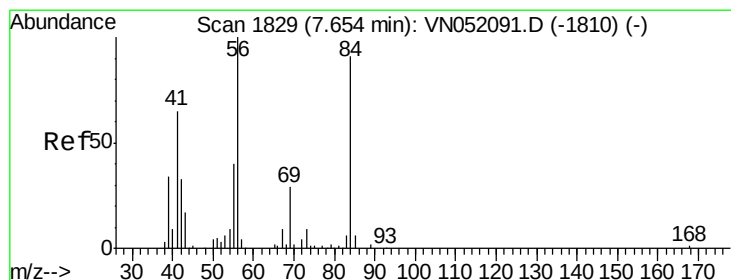
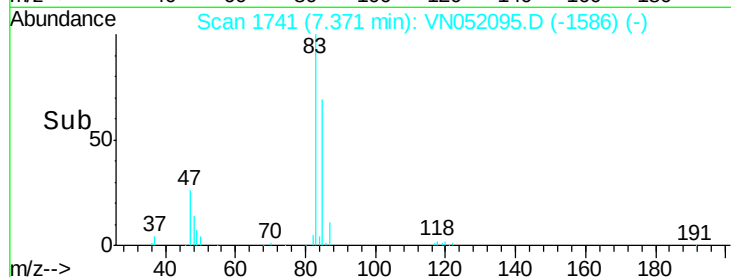
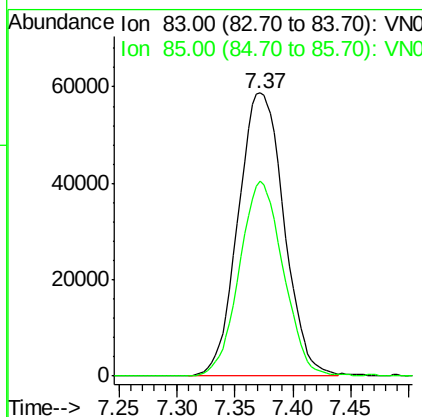
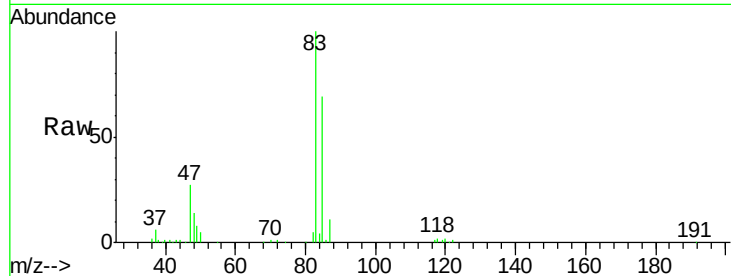
85 68.7 54.9 82.3

Manual Integrations

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MMDadoda

11/2/2018 9:21:17 AM



#26

Cyclohexane

Concen: 20.386 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN052095.D

Acq: 1 Nov 2018 11:15

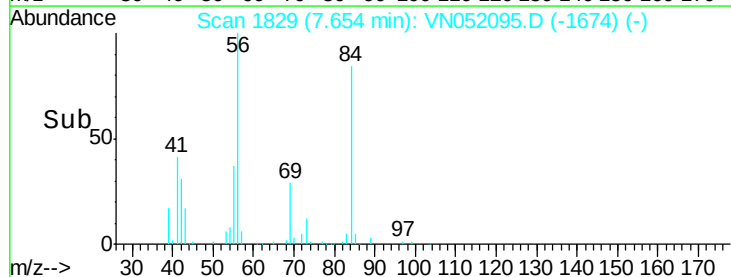
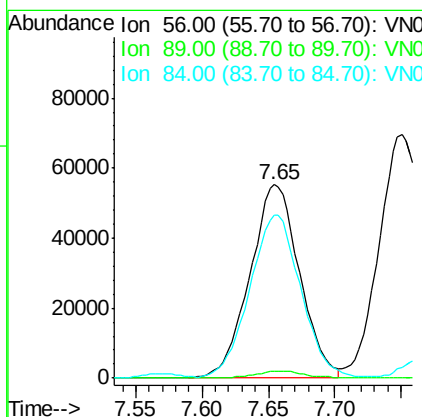
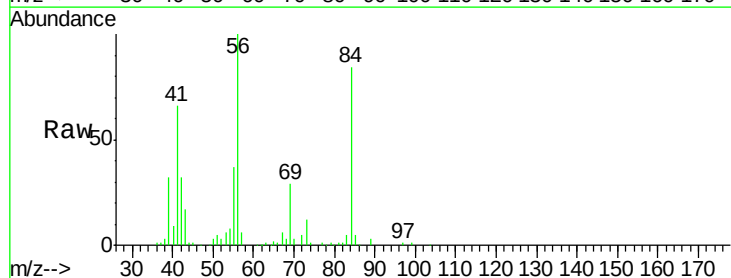
Tgt Ion: 56 Resp: 144291

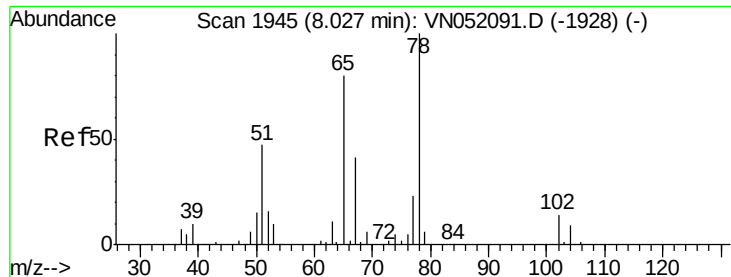
Ion Ratio Lower Upper

56 100

89 1.4 2.2 3.2#

84 87.0 71.0 106.6





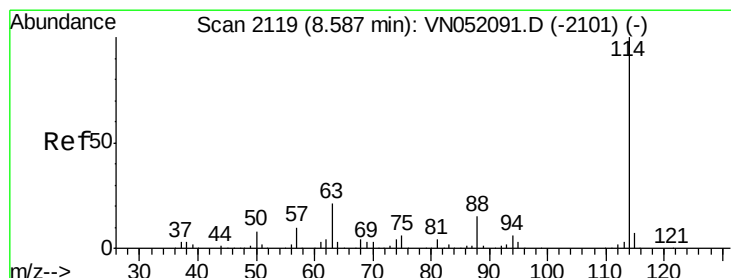
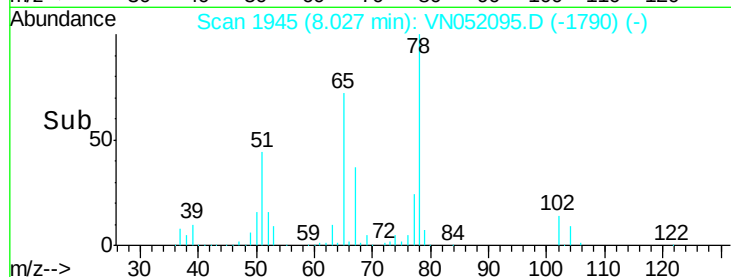
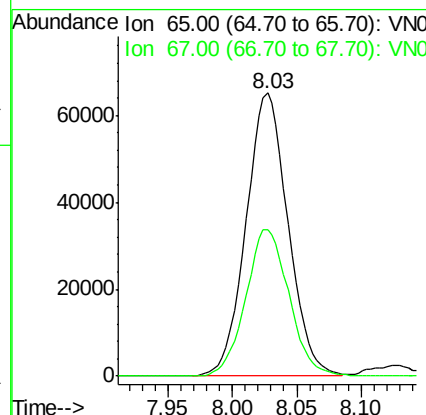
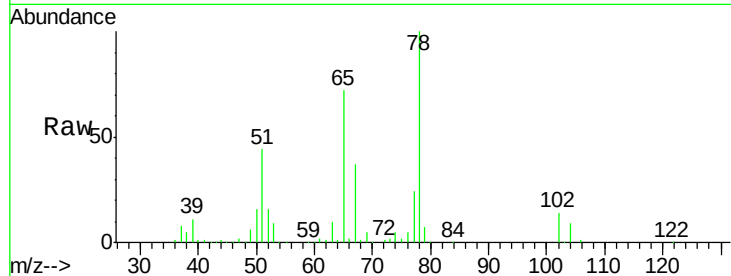
#27
 1,2-Dichloroethane-d4
 Concen: 20.386 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052095.D
 Acq: 1 Nov 2018 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110118

Tgt Ion: 65 Resp: 147803
 Ion Ratio Lower Upper
 65 100
 67 53.4 42.6 64.0

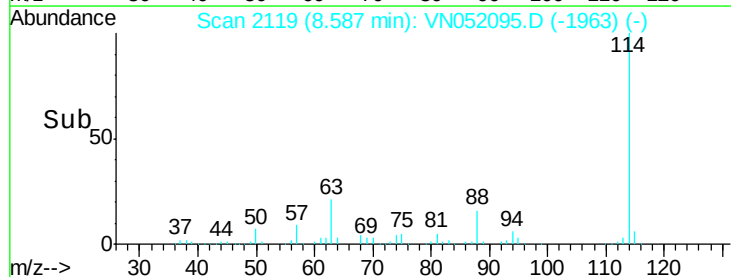
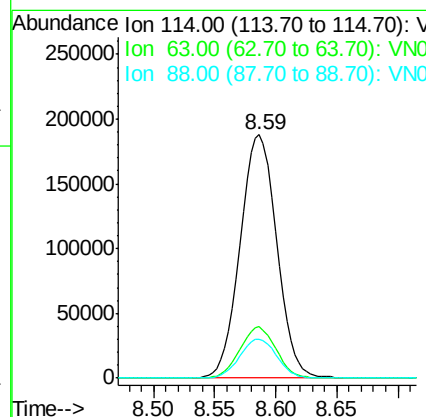
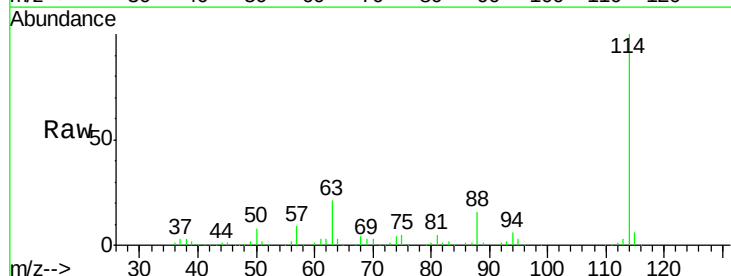
Manual Integrations
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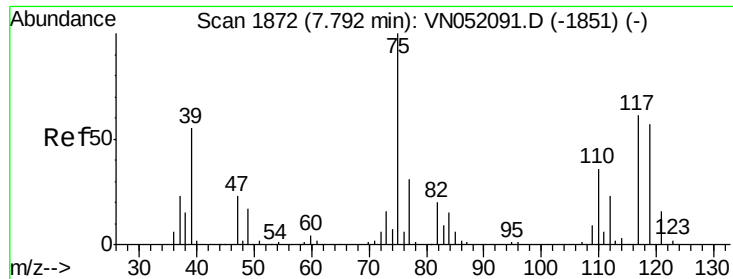
MMDadoda
 11/2/2018 9:21:17 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052095.D
 Acq: 1 Nov 2018 11:15

Tgt Ion: 114 Resp: 390686
 Ion Ratio Lower Upper
 114 100
 63 20.9 17.5 26.3
 88 16.1 12.6 18.8





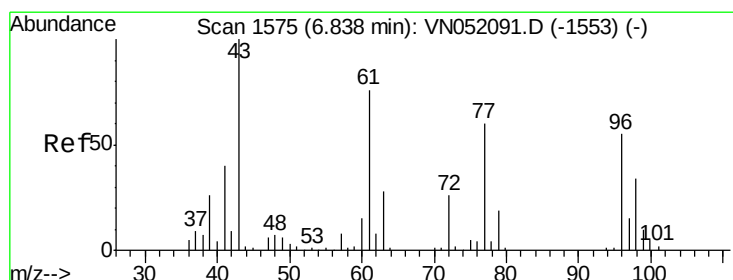
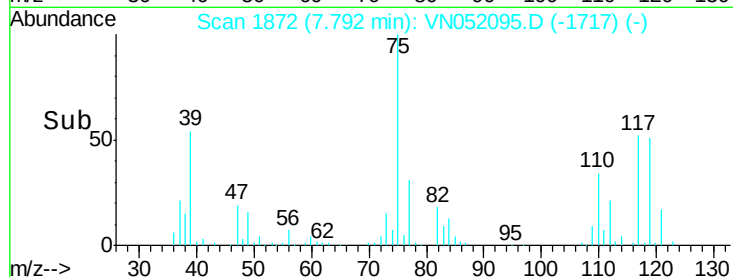
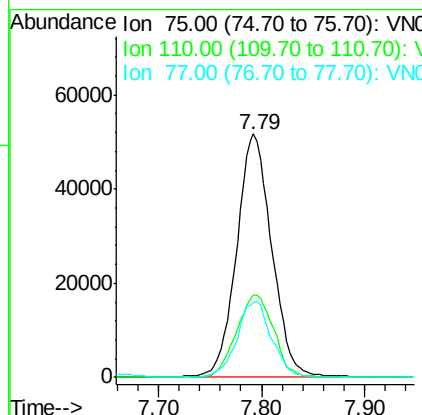
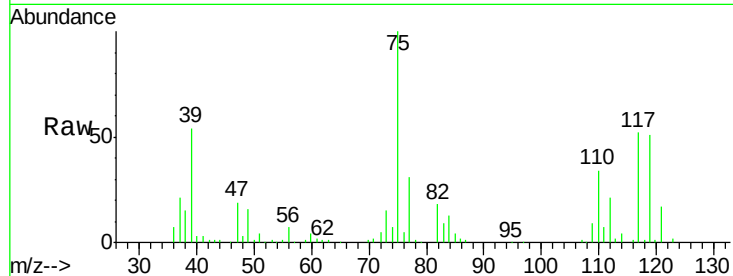
#29
 1,1-Dichloropropene
 Concen: 19.778 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN052095.D
 Acq: 1 Nov 2018 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110118

Tgt Ion	Ratio	Resp Lower	Upper
75	100		
110	35.7	0.0	67.6
77	30.7	0.0	60.2

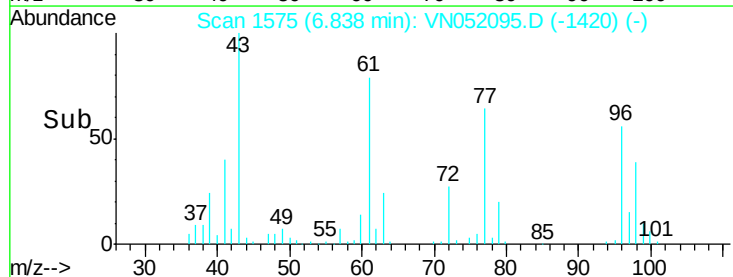
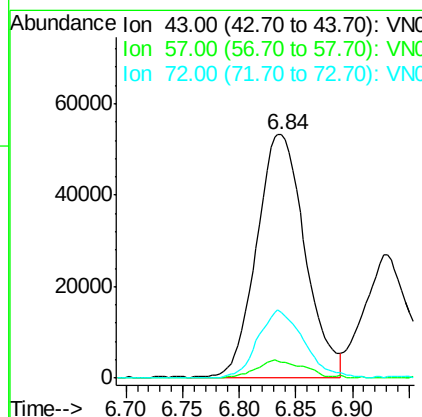
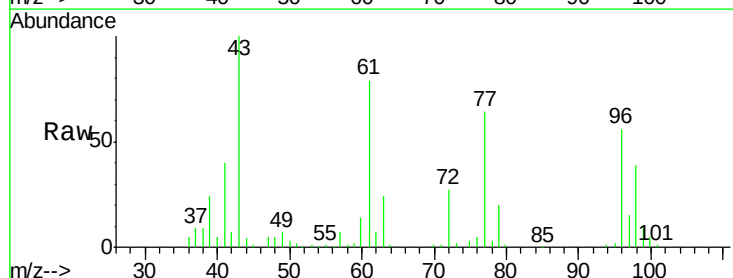
Manual Integrations
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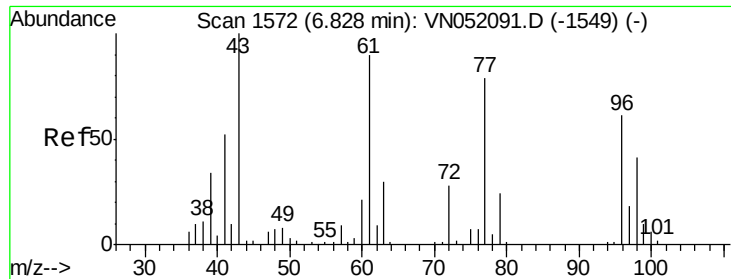
MMDadoda
 11/2/2018 9:21:17 AM



#30
 2-Butanone
 Concen: 95.075 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: VN052095.D
 Acq: 1 Nov 2018 11:15

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.3	6.6	9.8
72	26.8	9.2	13.8#





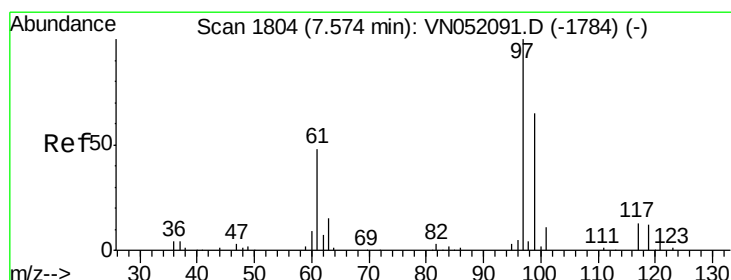
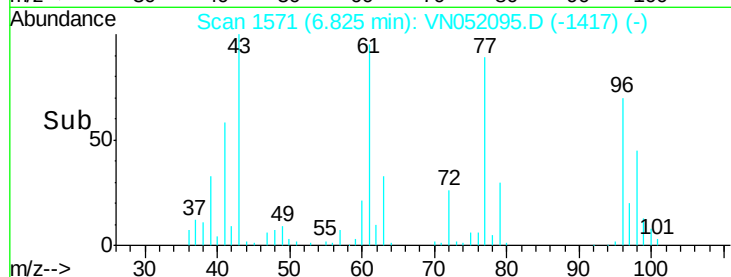
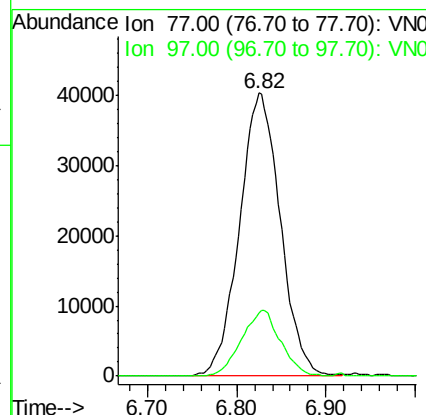
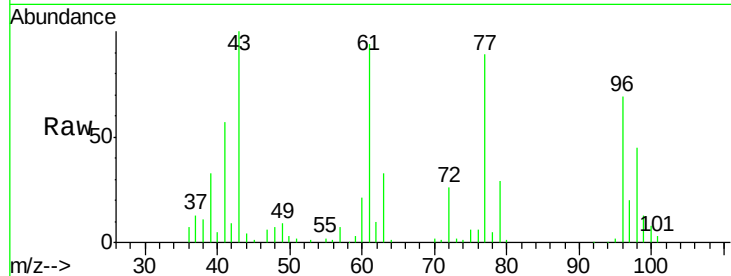
#31
 2,2-Dichloropropane
 Concen: 20.089 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN052095.D
 Acq: 1 Nov 2018 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110118

Tgt Ion: 77 Resp: 128355
 Ion Ratio Lower Upper
 77 100
 97 22.1 18.2 27.2

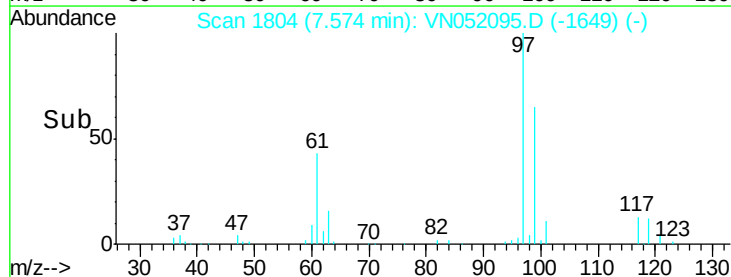
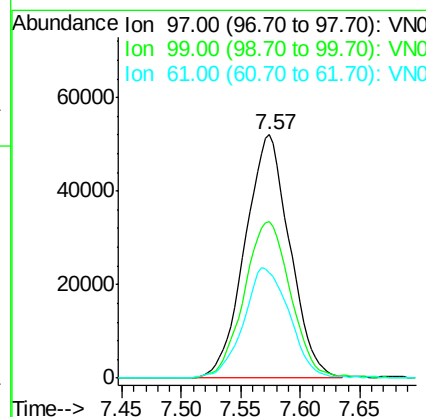
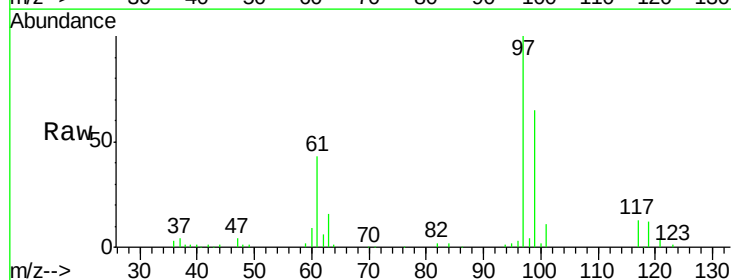
Manual Integrations
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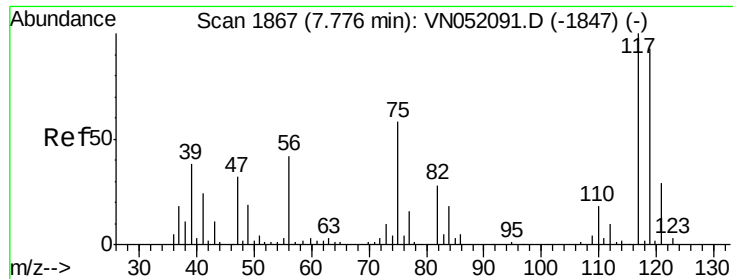
MMDadoda
 11/2/2018 9:21:17 AM



#32
 1,1,1-Trichloroethane
 Concen: 19.575 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN052095.D
 Acq: 1 Nov 2018 11:15

Tgt Ion: 97 Resp: 135849
 Ion Ratio Lower Upper
 97 100
 99 66.3 51.7 77.5
 61 46.1 38.7 58.1





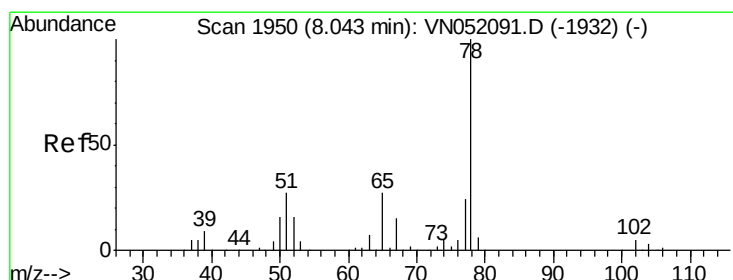
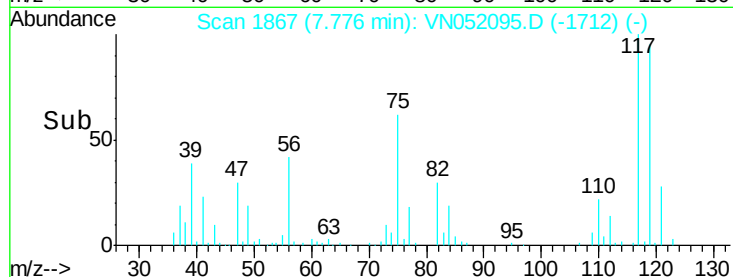
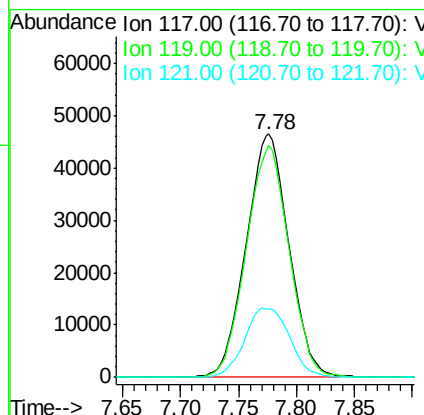
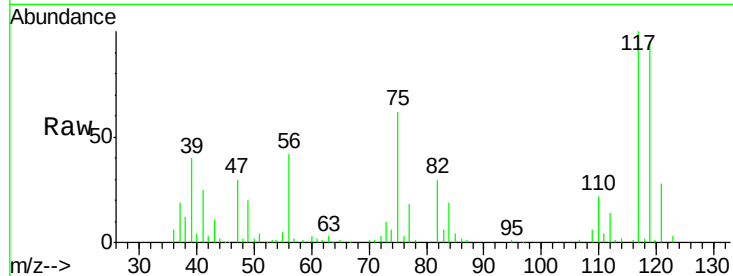
#33
Carbon Tetrachloride
Concen: 19.329 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110118

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	119299		
119	95.2	74.7	112.1	
121	28.3	23.4	35.0	

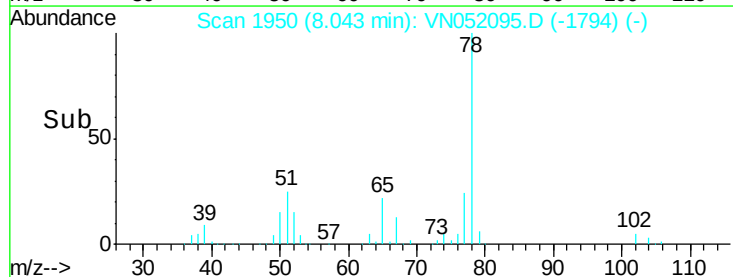
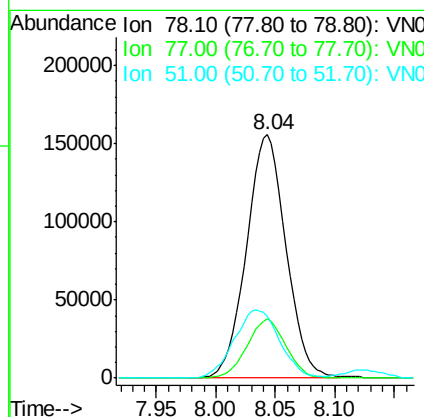
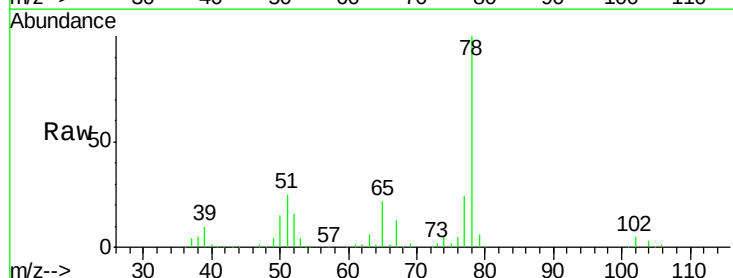
Manual Integrations
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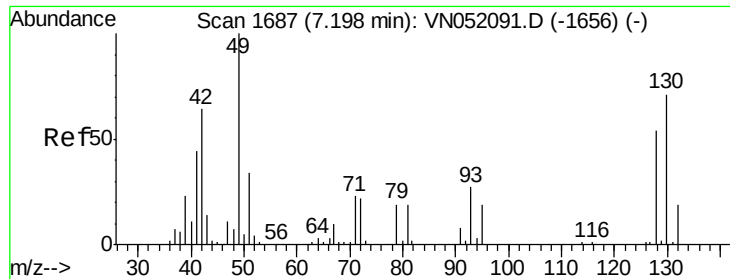
MMDadoda
11/2/2018 9:21:17 AM



#34
Benzene
Concen: 19.714 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	358047		
77	24.1	19.1	28.7	
51	25.3	21.2	31.8	





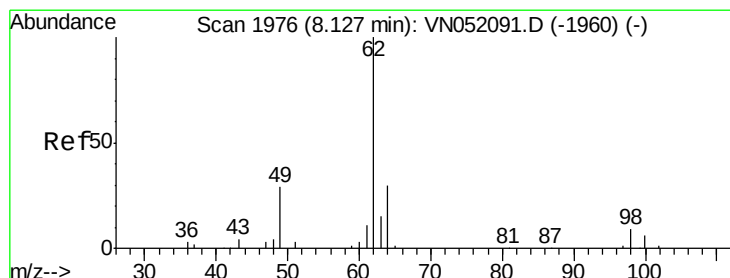
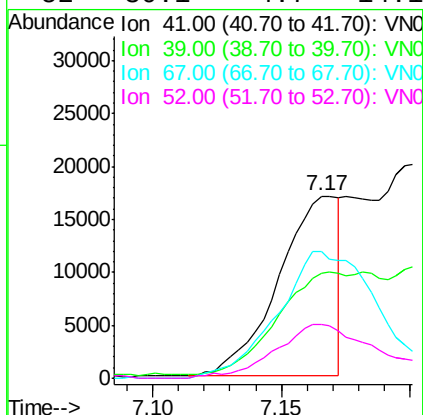
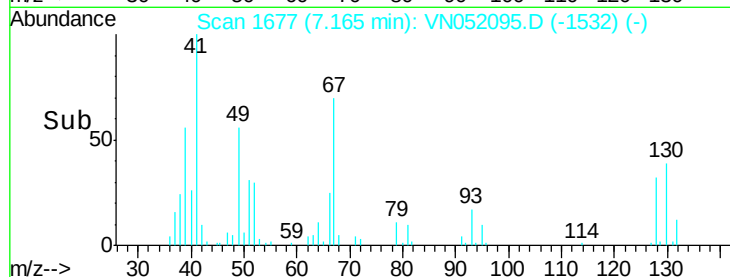
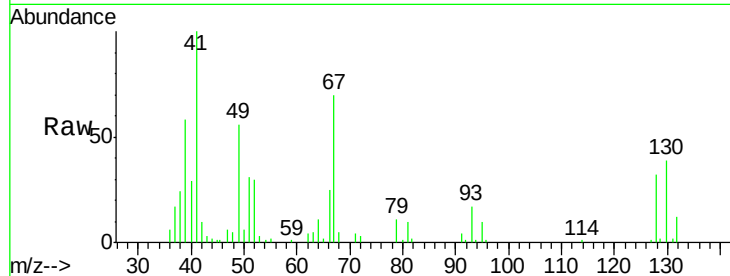
#35
Methacrylonitrile
Concen: 12.118 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.03 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110118

Tgt Ion: 41 Resp: 27455
Ion Ratio Lower Upper
41 100
39 56.4 26.1 78.3
67 70.6 11.0 33.0#
52 30.1 4.7 14.1#

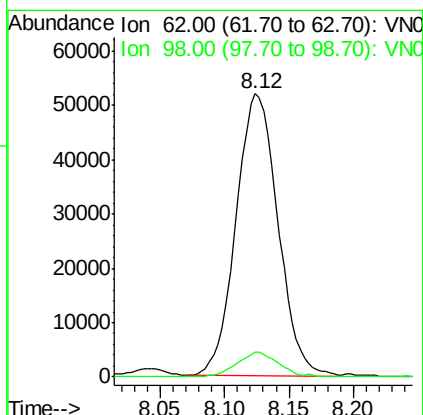
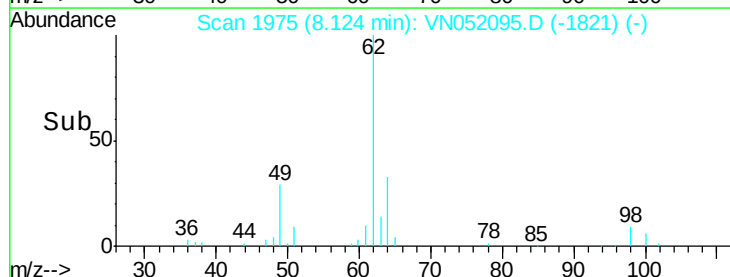
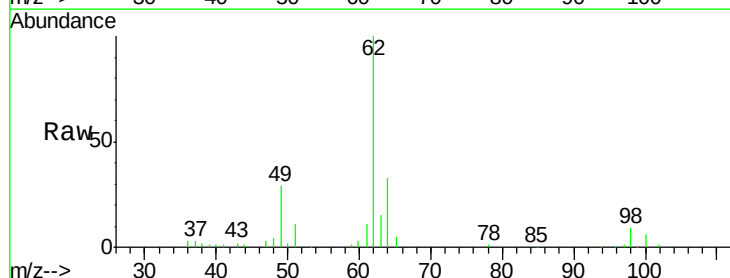
Manual Integrations
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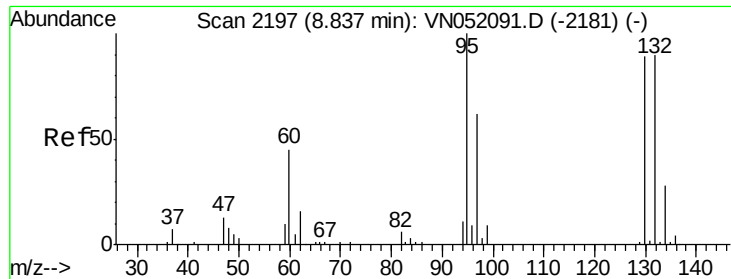
MMDadoda
11/2/2018 9:21:17 AM



#36
1,2-Dichloroethane
Concen: 19.441 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Tgt Ion: 62 Resp: 118057
Ion Ratio Lower Upper
62 100
98 8.5 6.7 10.1





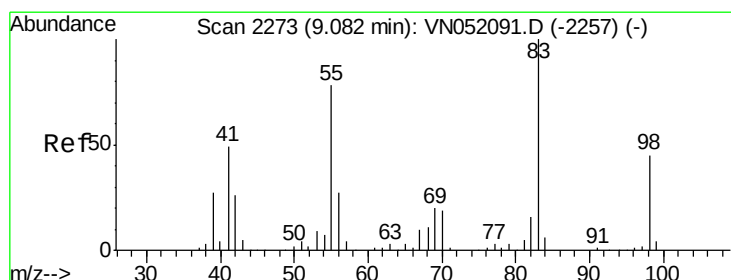
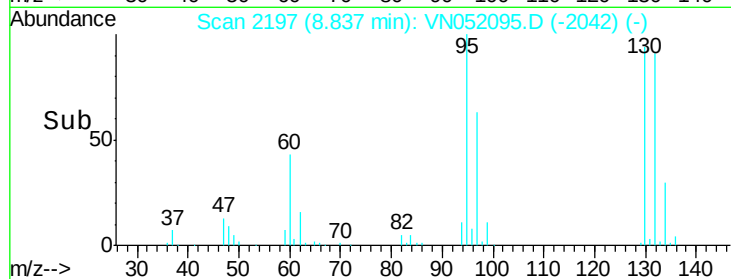
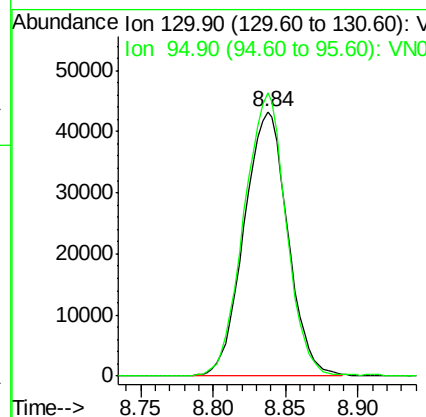
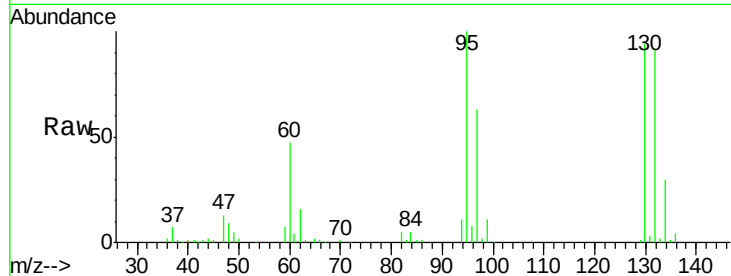
#37
 Trichloroethene
 Concen: 19.942 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: VN052095.D
 Acq: 1 Nov 2018 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110118

Tgt Ion:130 Resp: 90649
 Ion Ratio Lower Upper
 130 100
 95 106.6 89.9 134.9

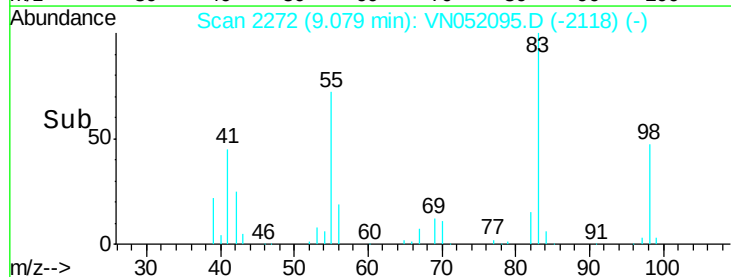
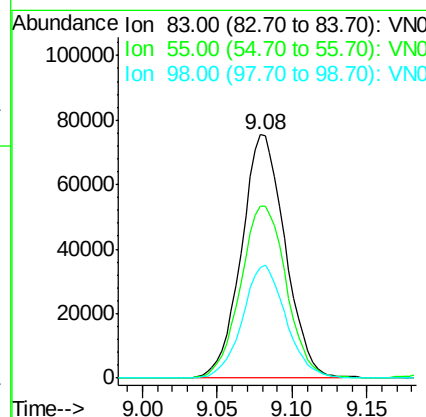
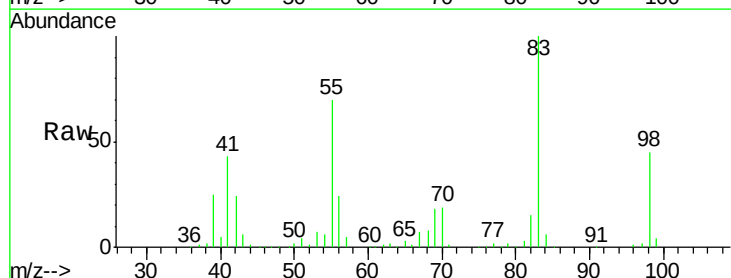
Manual Integrations
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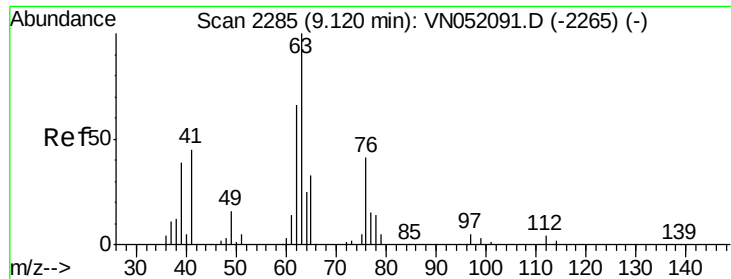
MMDadoda
 11/2/2018 9:21:17 AM



#38
 Methylcyclohexane
 Concen: 20.315 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VN052095.D
 Acq: 1 Nov 2018 11:15

Tgt Ion: 83 Resp: 153716
 Ion Ratio Lower Upper
 83 100
 55 74.0 38.5 115.3
 98 46.0 23.2 69.6





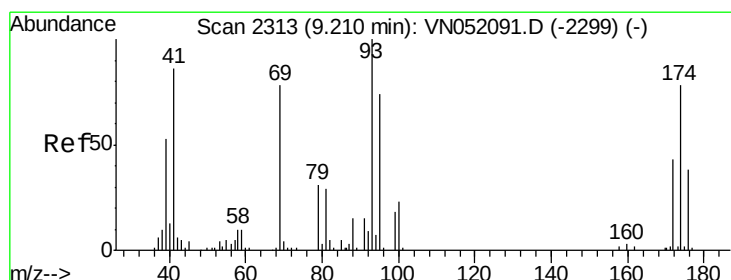
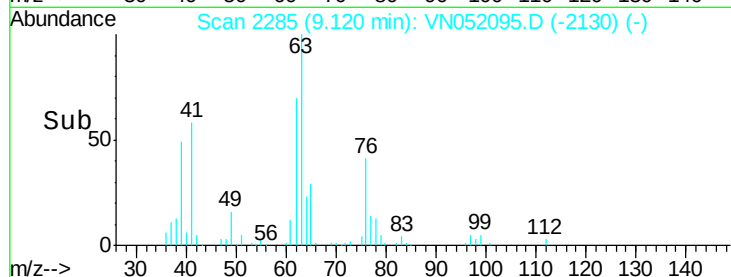
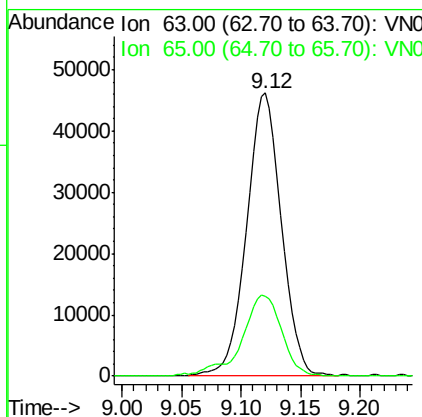
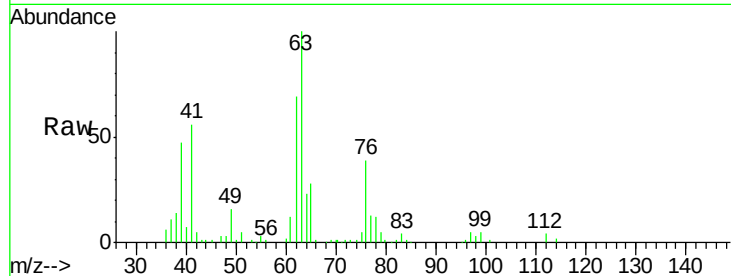
#39
 1,2-Dichloropropane
 Concen: 19.365 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN052095.D
 Acq: 1 Nov 2018 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110118

Tgt Ion: 63 Resp: 93620
 Ion Ratio Lower Upper
 63 100
 65 28.4 27.3 40.9

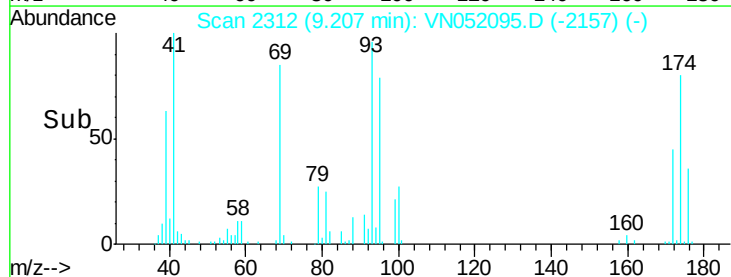
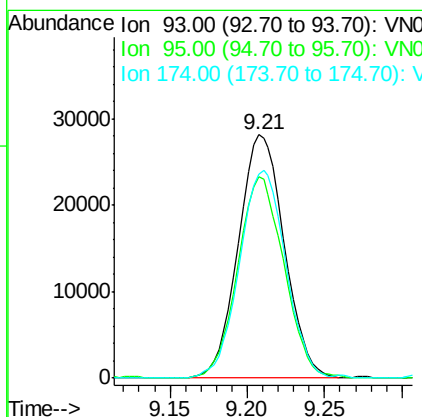
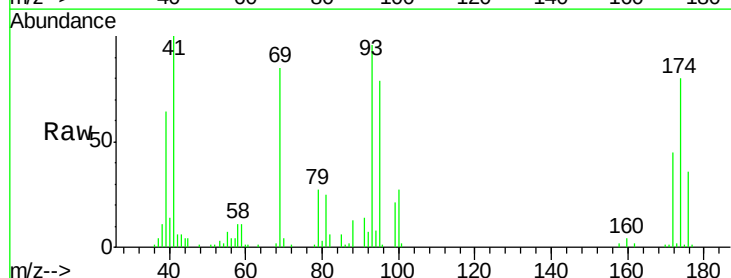
Manual Integrations
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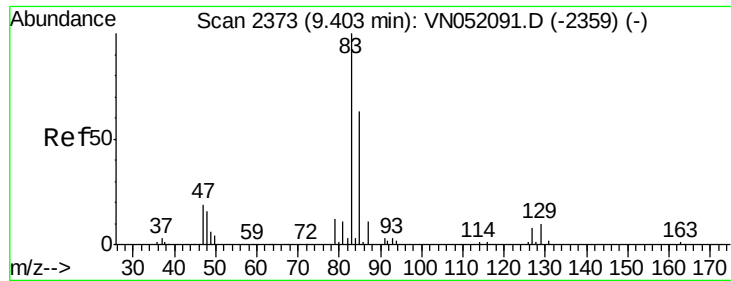
MMDadoda
 11/2/2018 9:21:17 AM



#40
 Dibromomethane
 Concen: 19.542 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN052095.D
 Acq: 1 Nov 2018 11:15

Tgt Ion: 93 Resp: 58236
 Ion Ratio Lower Upper
 93 100
 95 83.1 0.0 161.2
 174 85.7 0.0 165.0





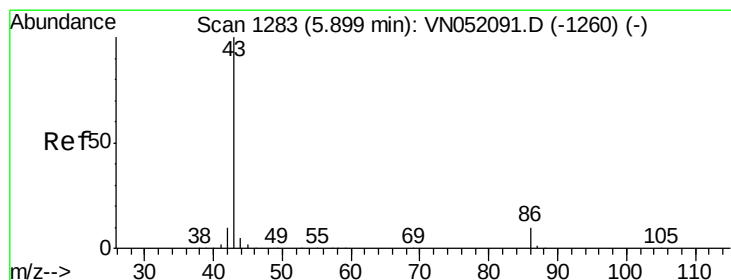
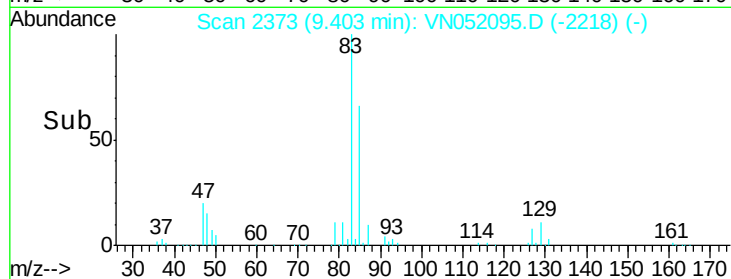
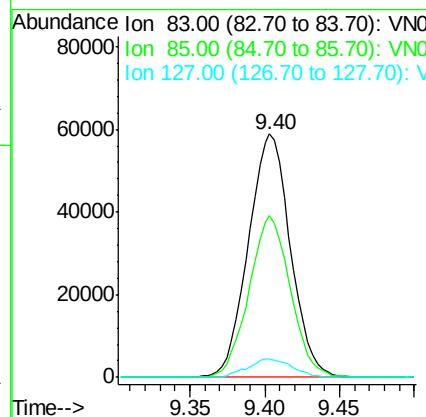
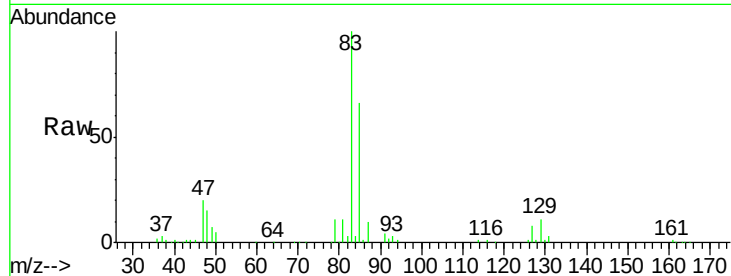
#41
 Bromodichloromethane
 Concen: 18.869 ug/l
 RT: 9.40 min Scan# 2373
 Delta R.T. -0.00 min
 Lab File: VN052095.D
 Acq: 1 Nov 2018 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110118

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	50.2	75.2
127	8.5	6.6	10.0

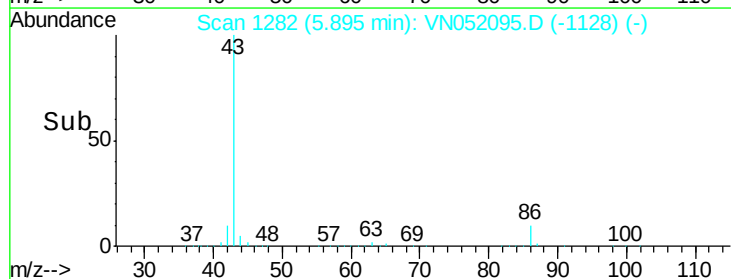
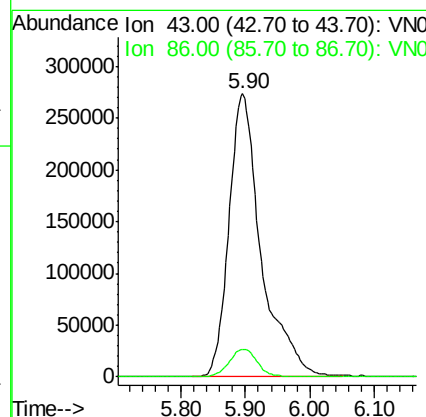
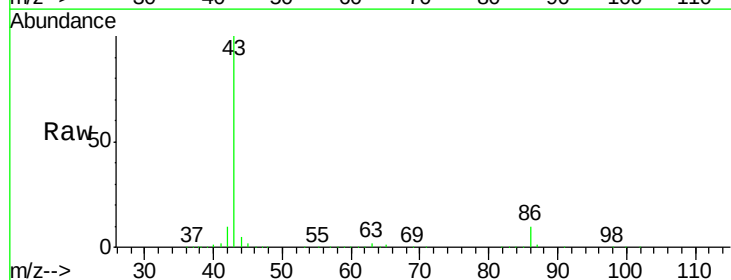
Manual Integrations
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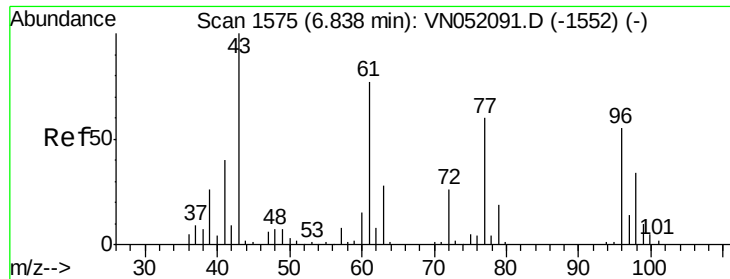
MMDadoda
 11/2/2018 9:21:17 AM



#42
 Vinyl Acetate
 Concen: 98.534 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VN052095.D
 Acq: 1 Nov 2018 11:15

Tgt Ion	Ratio	Lower	Upper
43	100		
86	8.5	6.6	10.0





#43

Ethyl Acetate

Concen: 18.918 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VN052095.D

Acq: 1 Nov 2018 11:15

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110118

Tgt Ion: 43 Resp: 157048

Ion Ratio Lower Upper

43 100

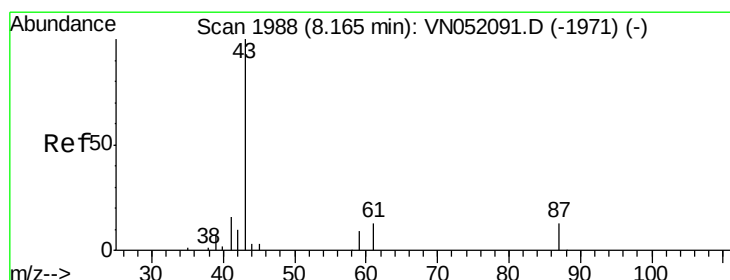
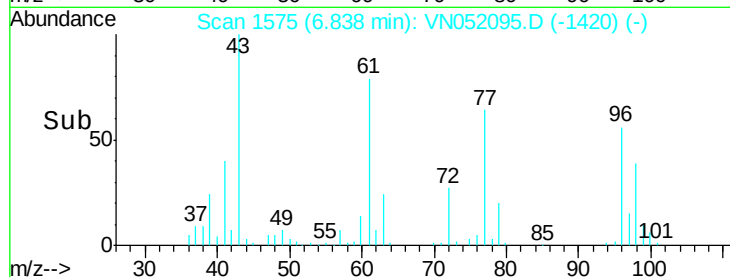
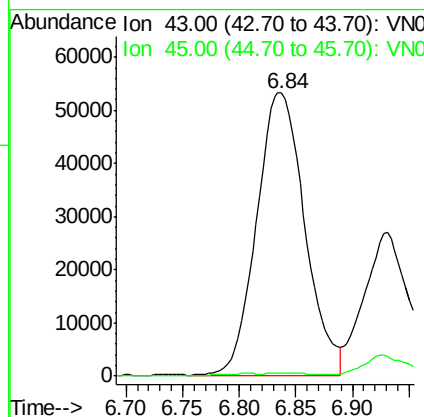
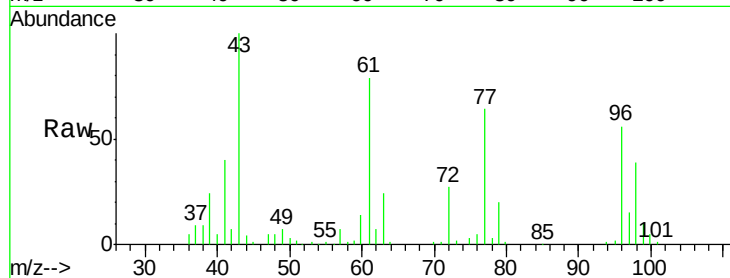
45 0.1 3.8 5.8#

Manual Integrations

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11/2/2018 9:21:17 AM



#44

Isopropyl Acetate

Concen: 19.537 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN052095.D

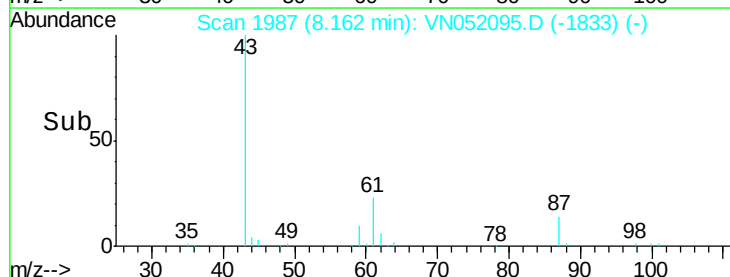
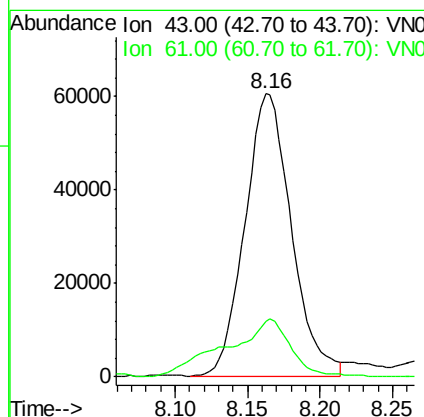
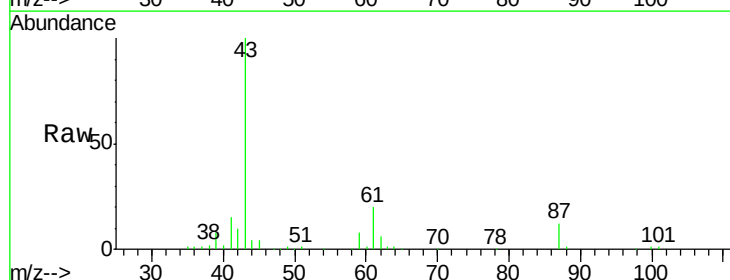
Acq: 1 Nov 2018 11:15

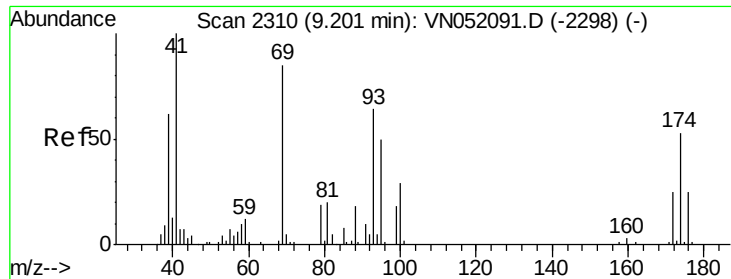
Tgt Ion: 43 Resp: 134282

Ion Ratio Lower Upper

43 100

61 14.3 16.2 24.2#





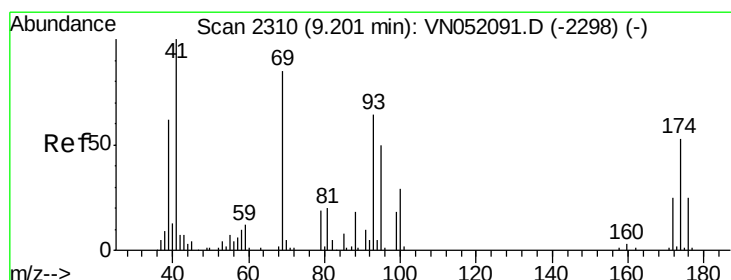
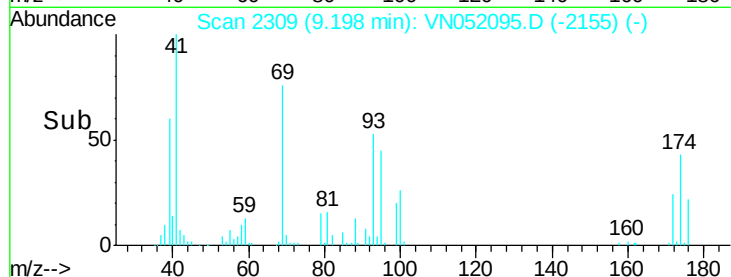
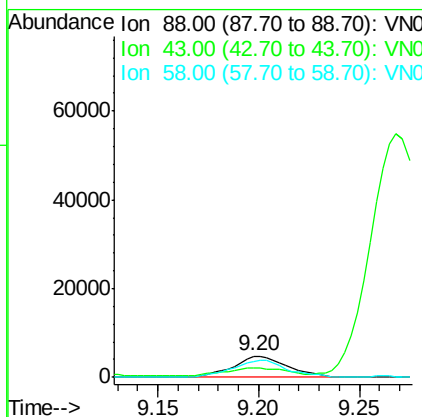
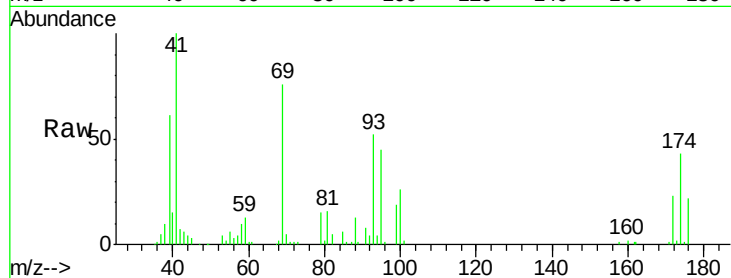
#45
1,4-Dioxane
Concen: 289.148 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110118

Tgt Ion: 88 Resp: 9066
Ion Ratio Lower Upper
88 100
43 37.8 28.6 43.0
58 80.0 37.8 56.8#

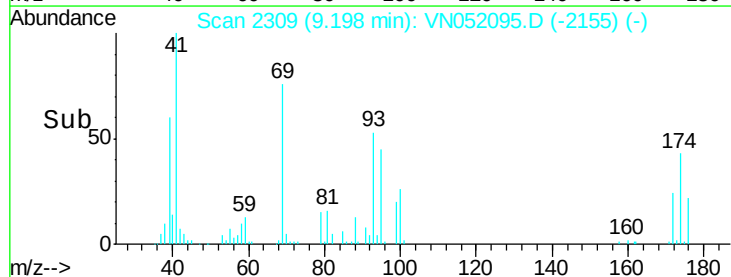
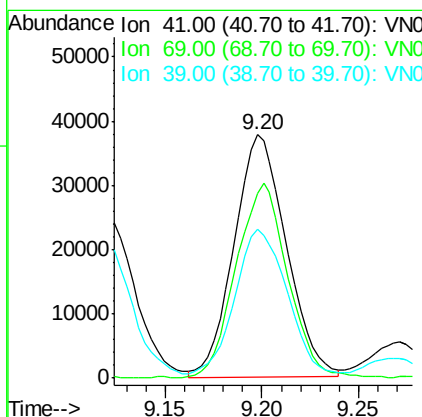
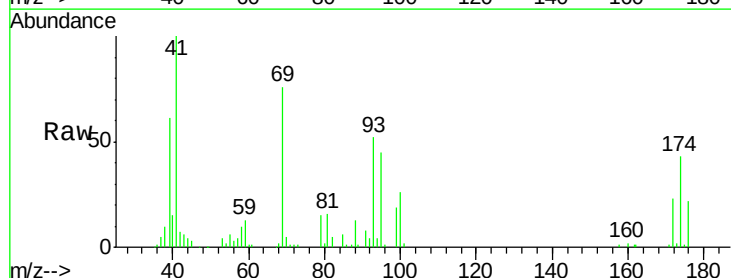
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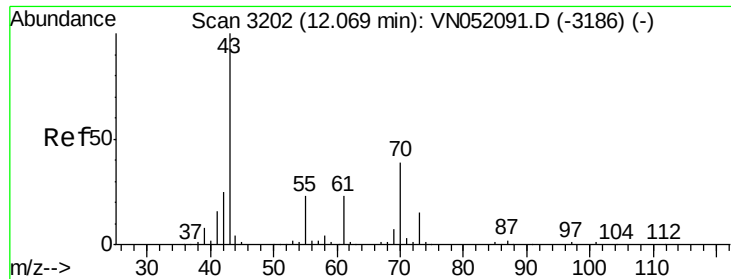
MMDadoda
11/2/2018 9:21:17 AM



#46
Methyl methacrylate
Concen: 20.740 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Tgt Ion: 41 Resp: 70956
Ion Ratio Lower Upper
41 100
69 77.0 42.5 127.6
39 60.8 31.1 93.3





#47

n-amyI Acetate

Concen: 19.485 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN052095.D

Acq: 1 Nov 2018 11:15

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110118

Tgt Ion: 43 Resp: 121394

Ion Ratio Lower Upper

43 100

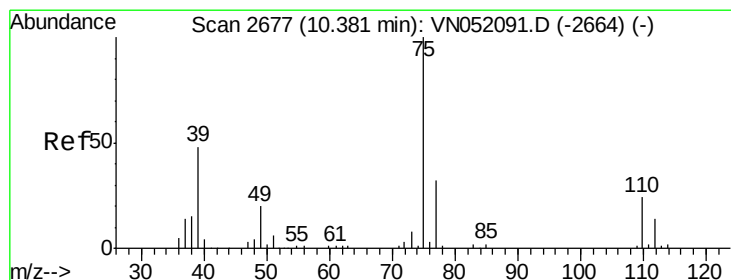
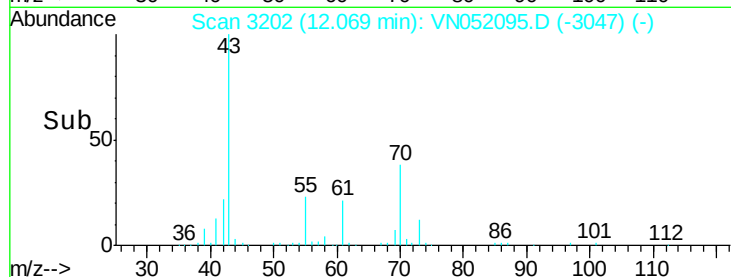
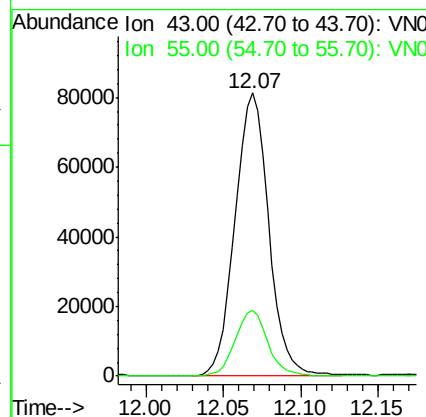
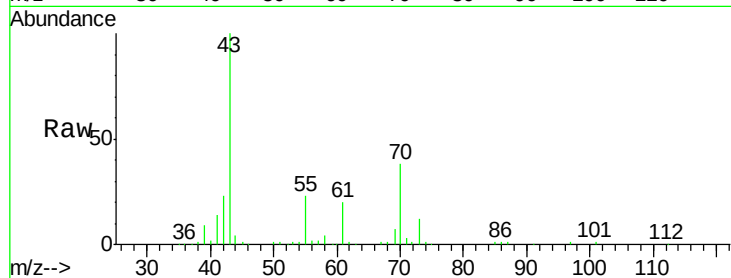
55 22.5 0.0 0.0#

Manual Integrations

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11/2/2018 9:21:17 AM



#48

t-1,3-Dichloropropene

Concen: 19.442 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN052095.D

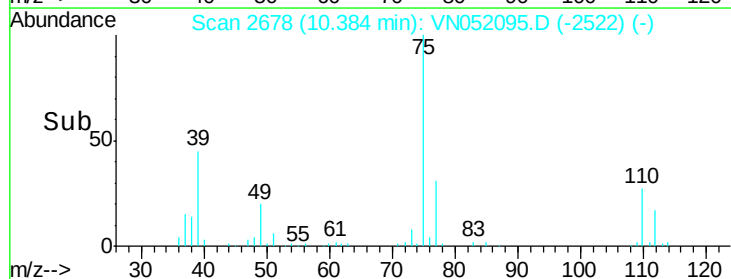
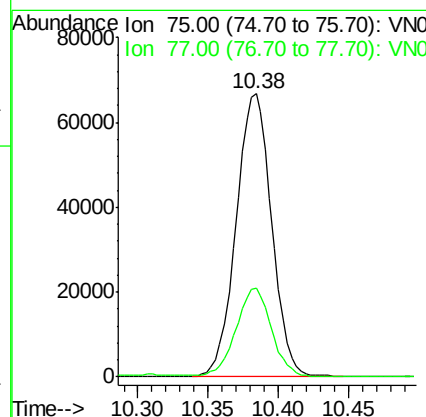
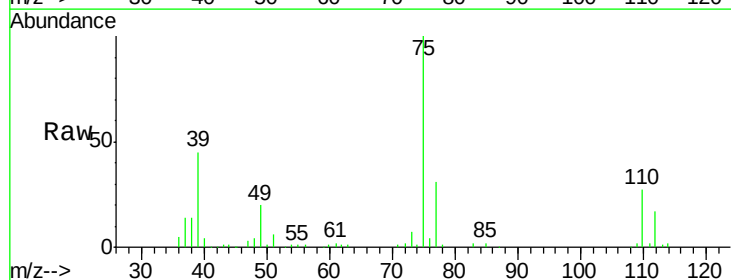
Acq: 1 Nov 2018 11:15

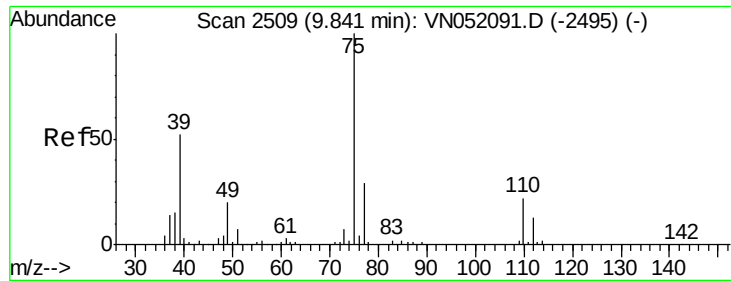
Tgt Ion: 75 Resp: 117710

Ion Ratio Lower Upper

75 100

77 30.9 26.3 39.5





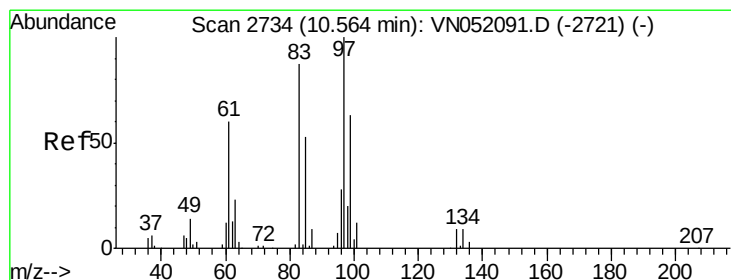
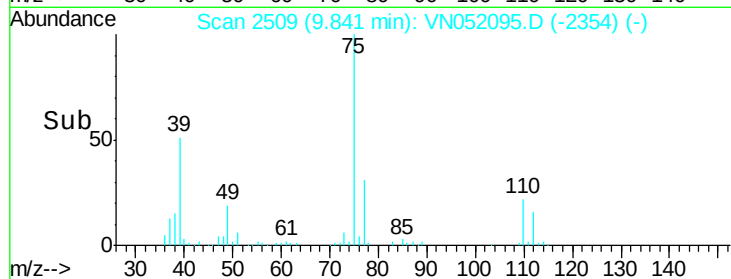
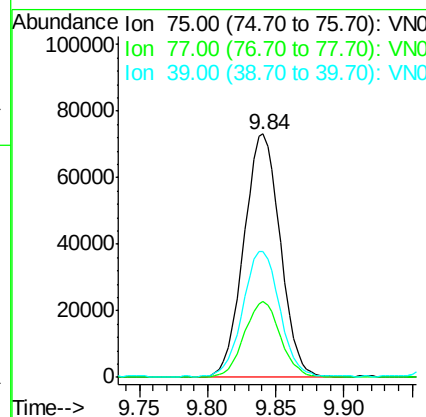
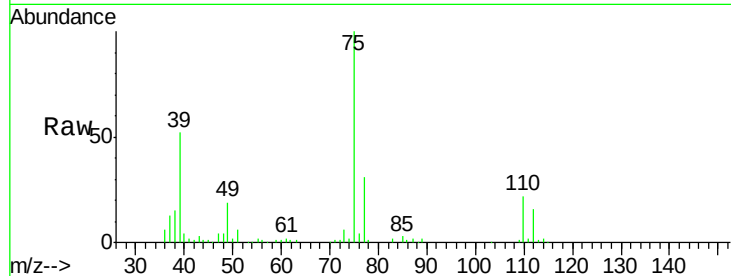
#49
 cis-1,3-Dichloropropene
 Concen: 19.421 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN052095.D
 Acq: 1 Nov 2018 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110118

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	23.3	34.9
39	51.2	41.6	62.4

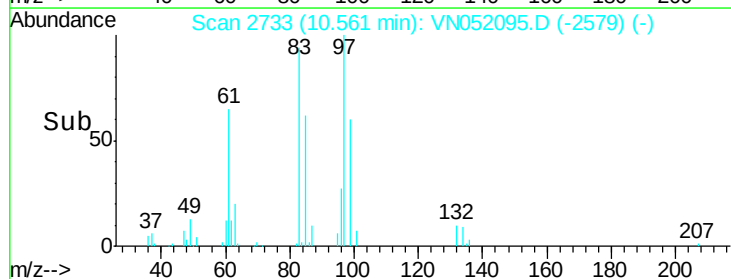
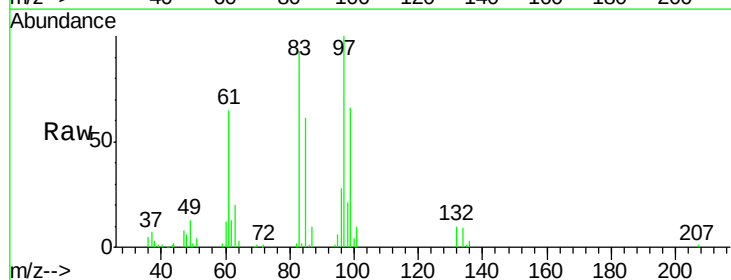
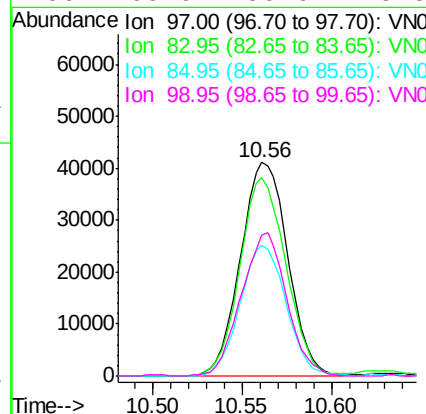
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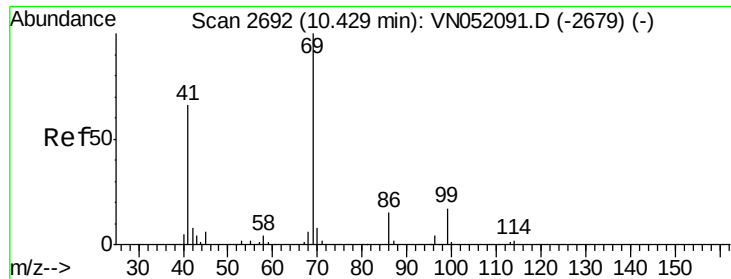
MMDadoda
 11/2/2018 9:21:17 AM



#50
 1,1,2-Trichloroethane
 Concen: 19.280 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN052095.D
 Acq: 1 Nov 2018 11:15

Tgt Ion	Ratio	Lower	Upper
97	100		
83	93.1	69.4	104.0
85	61.3	42.7	64.1
99	65.9	50.6	75.8





#51

Ethyl methacrylate

Concen: 19.249 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN052095.D

Acq: 1 Nov 2018 11:15

Instrument :

MSVOA_N

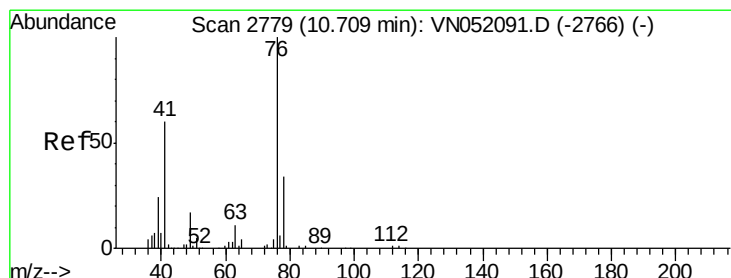
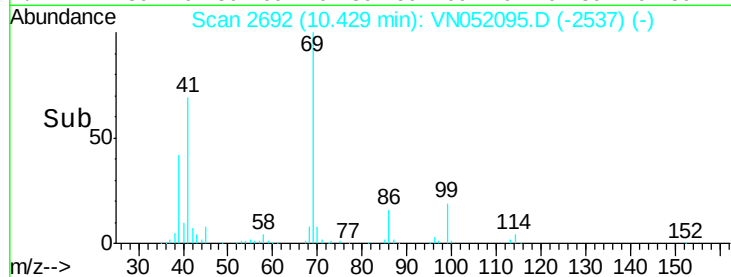
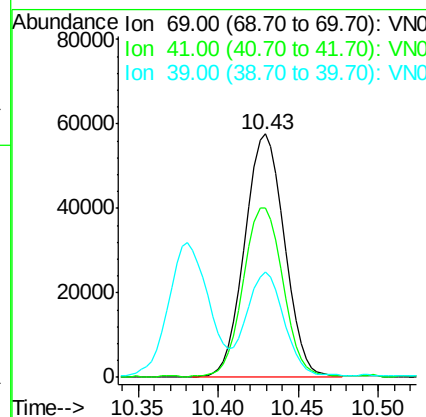
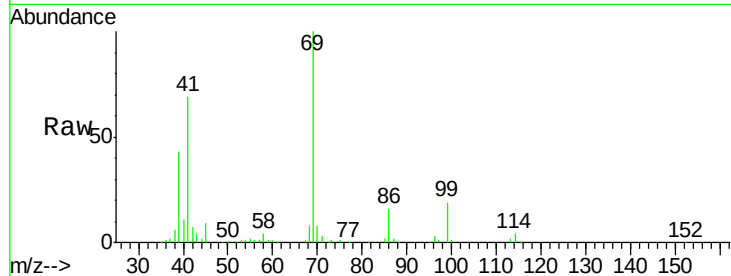
ClientSampleId :

ICVVN110118

Tgt Ion:	69	Resp:	98033
Ion Ratio	Lower	Upper	
69	100		
41	69.0	33.0	99.0
39	42.2	20.7	62.1

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#52

1,3-Dichloropropane

Concen: 19.931 ug/l

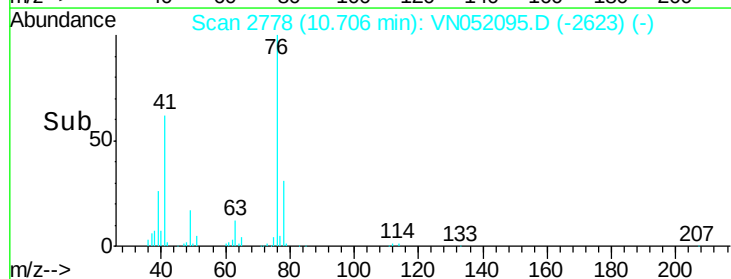
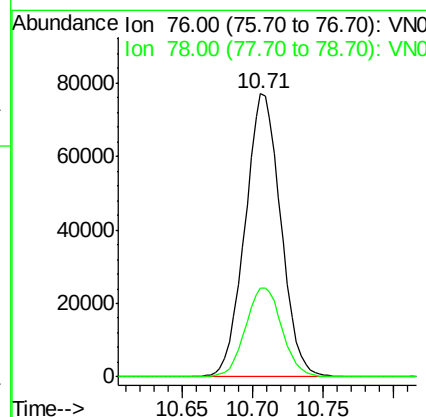
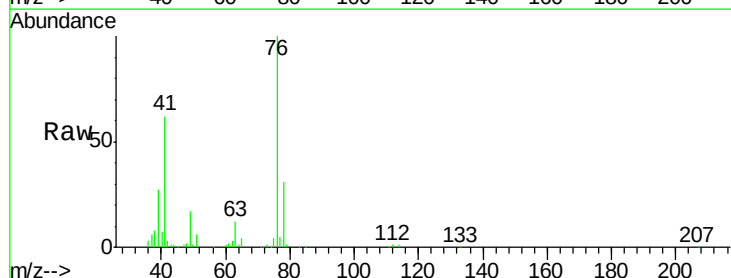
RT: 10.71 min Scan# 2778

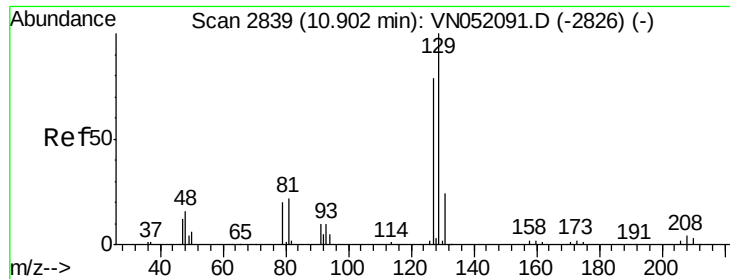
Delta R.T. -0.00 min

Lab File: VN052095.D

Acq: 1 Nov 2018 11:15

Tgt Ion:	76	Resp:	136803
Ion Ratio	Lower	Upper	
76	100		
78	32.1	0.0	65.0





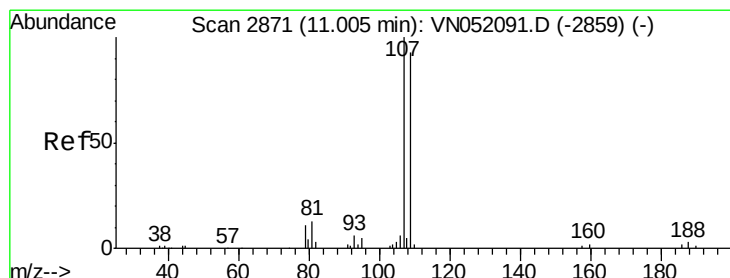
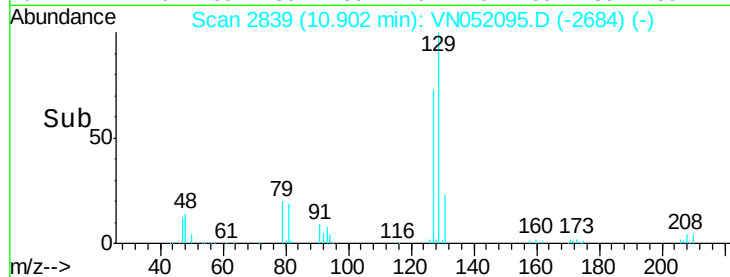
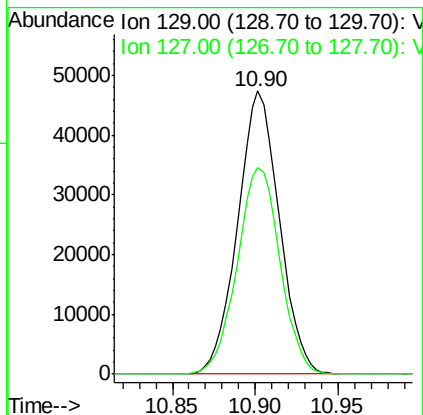
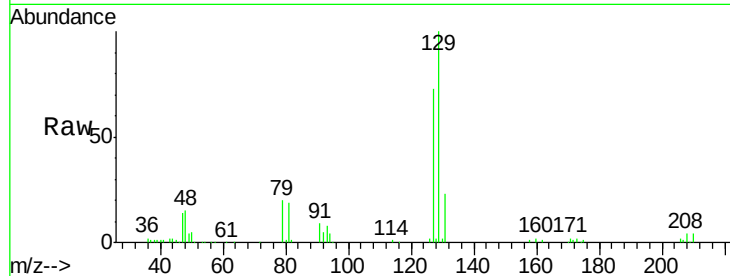
#53
Dibromochloromethane
Concen: 19.412 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110118

Tgt Ion:129 Resp: 82581
Ion Ratio Lower Upper
129 100
127 75.1 39.2 117.6

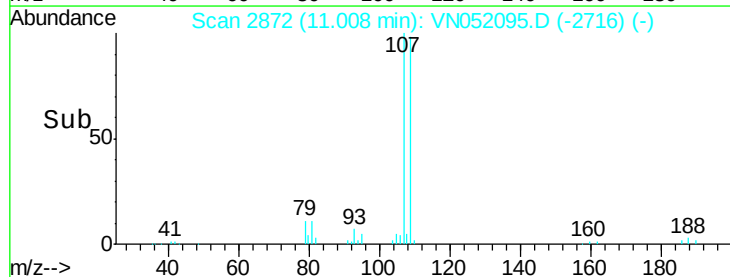
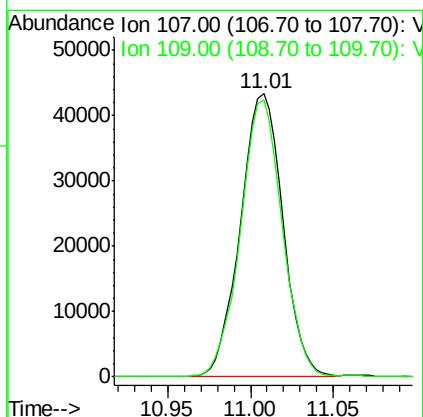
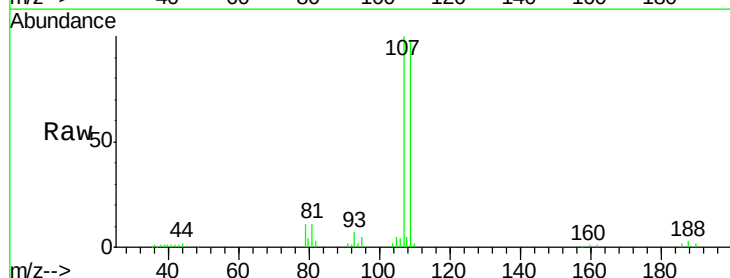
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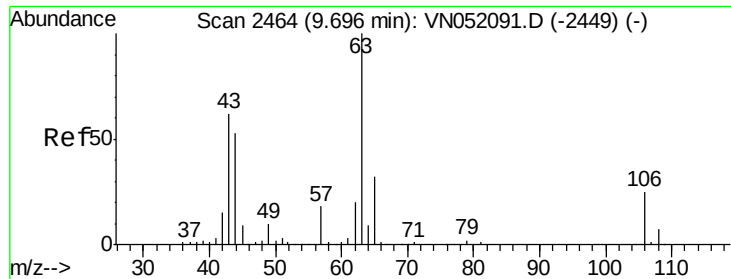
MMDadoda
11/2/2018 9:21:17 AM



#54
1,2-Dibromoethane
Concen: 19.383 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. 0.00 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Tgt Ion:107 Resp: 77452
Ion Ratio Lower Upper
107 100
109 96.2 77.0 115.6





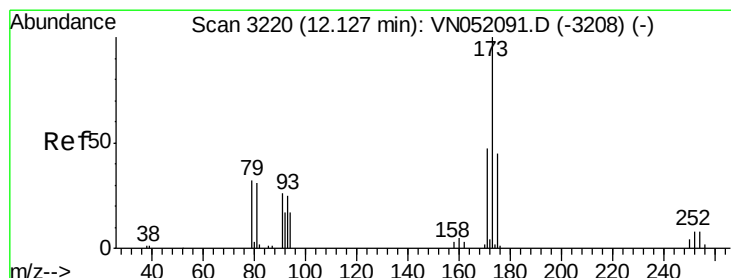
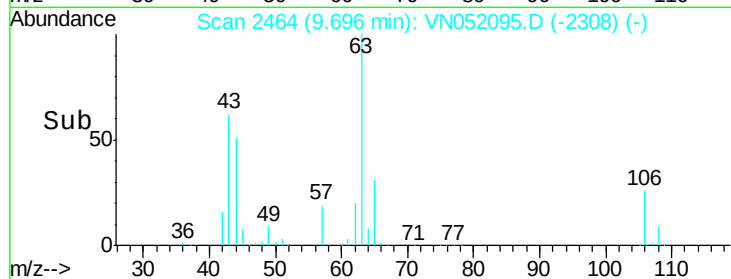
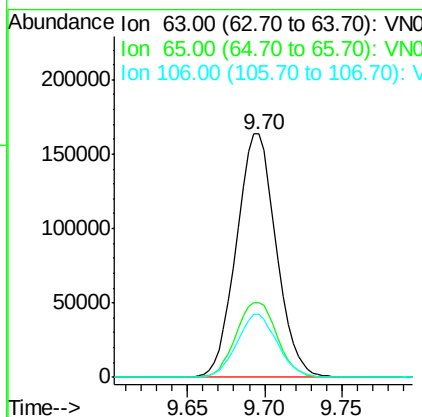
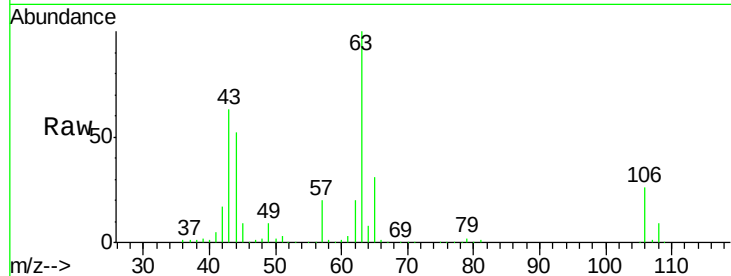
#55
 2-Chloroethyl vinyl ether
 Concen: 104.908 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN052095.D
 Acq: 1 Nov 2018 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110118

Tgt Ion:	63	Resp:	292565
Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.5	38.3
106	26.2	20.4	30.6

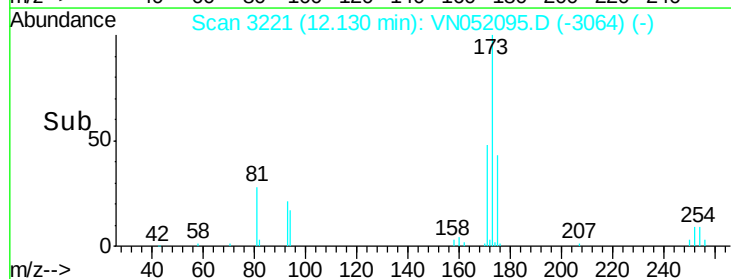
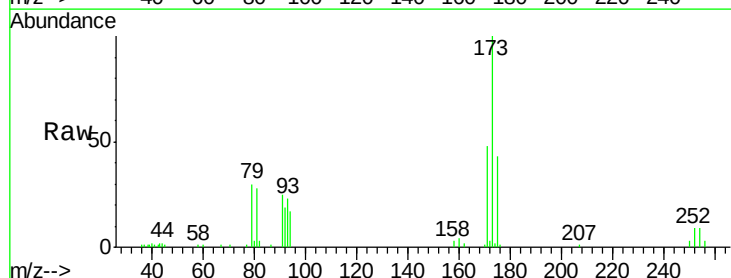
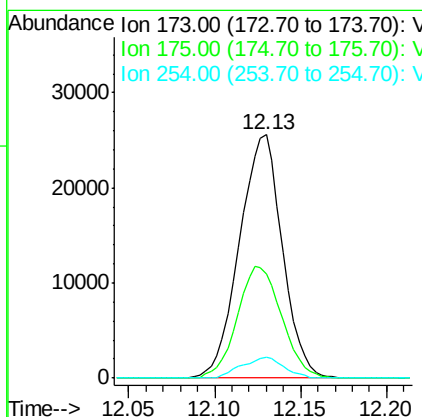
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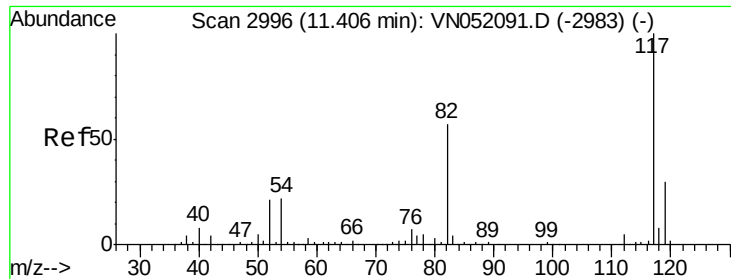
MMDadoda
 11/2/2018 9:21:17 AM



#56
 Bromoform
 Concen: 18.087 ug/l
 RT: 12.13 min Scan# 3221
 Delta R.T. 0.00 min
 Lab File: VN052095.D
 Acq: 1 Nov 2018 11:15

Tgt Ion:	173	Resp:	44441
Ion	Ratio	Lower	Upper
173	100		
175	47.2	37.3	55.9
254	8.3	7.0	10.6





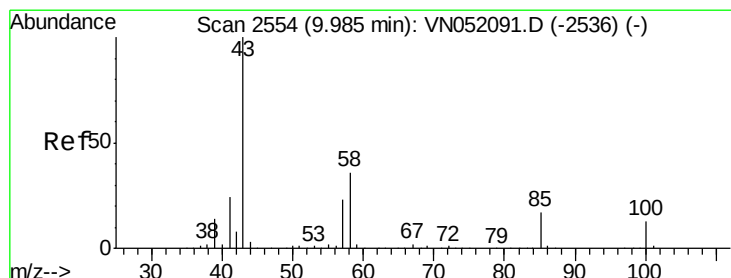
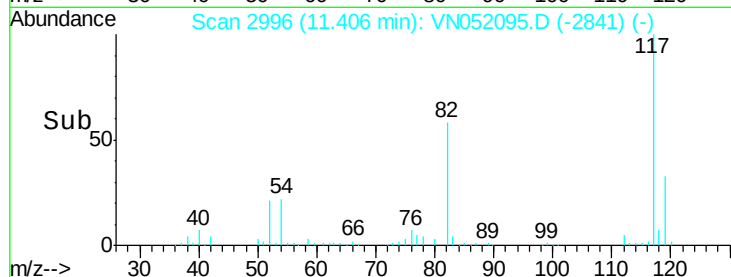
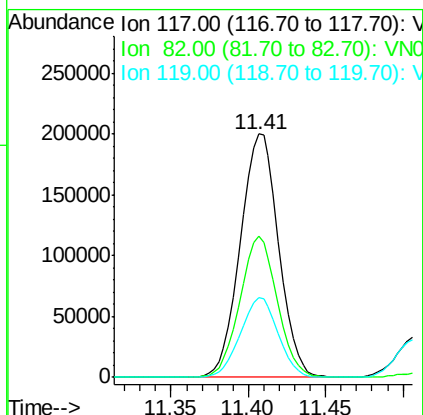
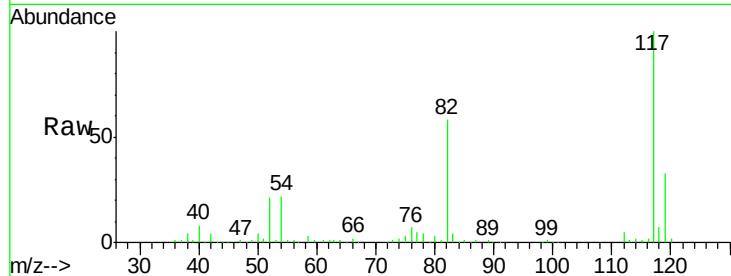
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110118

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.0	67.6
119	32.3	24.2	36.4

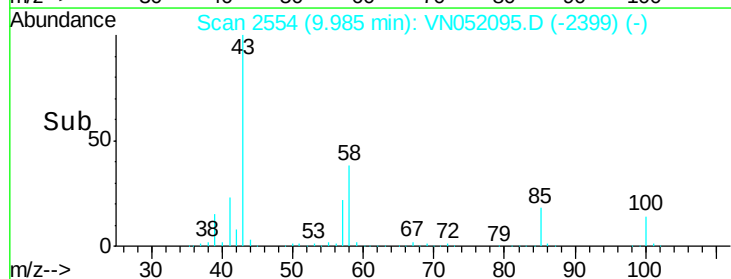
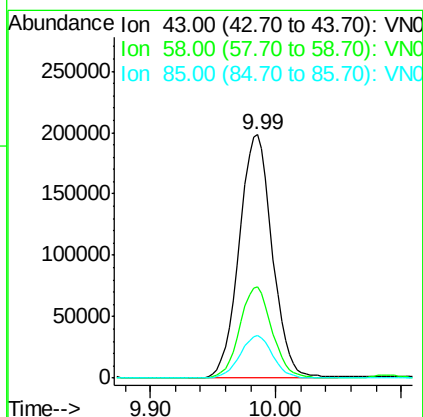
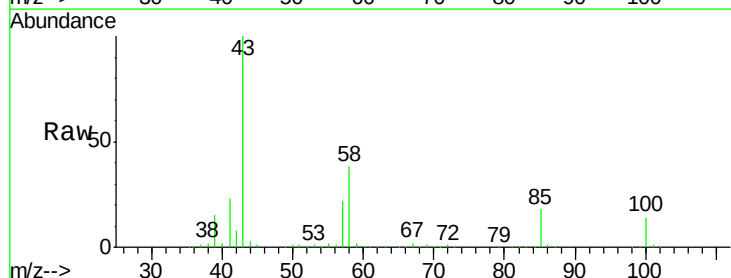
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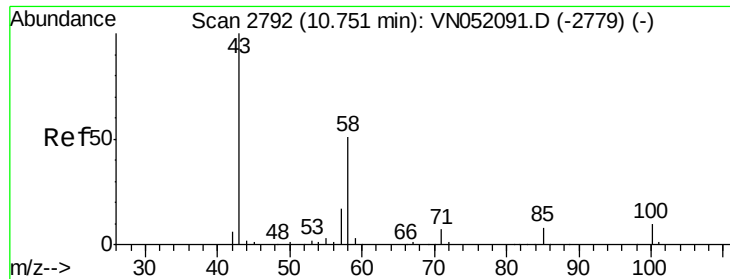
MMDadoda
11/2/2018 9:21:17 AM



#58
4-Methyl-2-Pentanone
Concen: 97.906 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.8	29.0	43.6
85	17.3	13.4	20.2





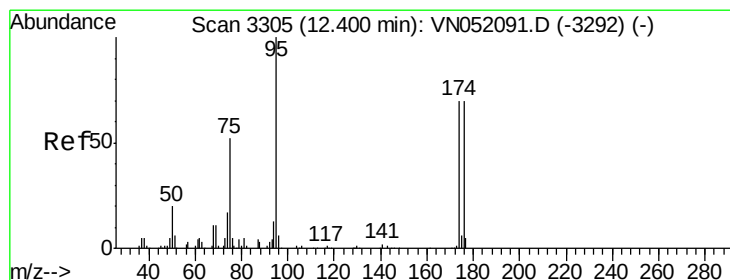
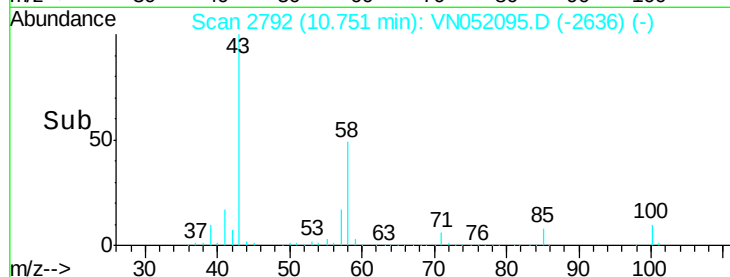
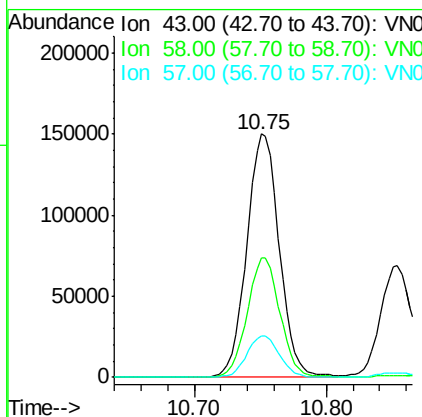
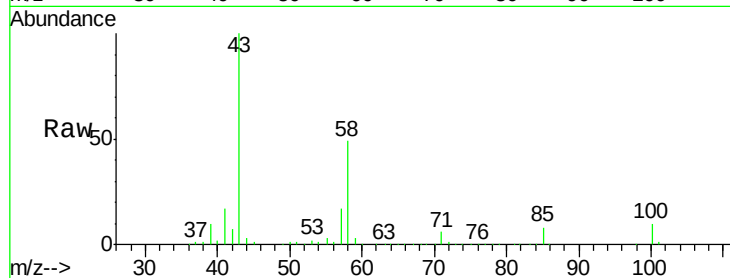
#59
2-Hexanone
Concen: 99.873 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110118

Tgt Ion	Ratio	Lower	Upper
43	100		
58	49.8	40.8	61.2
57	17.4	13.8	20.8

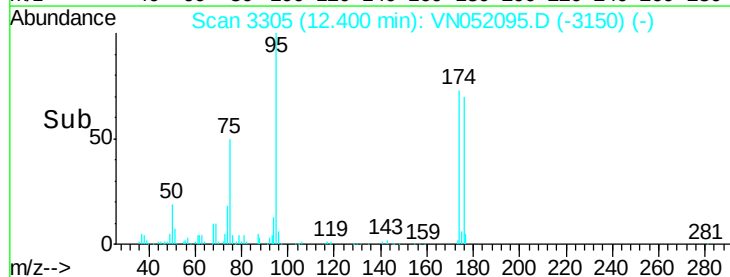
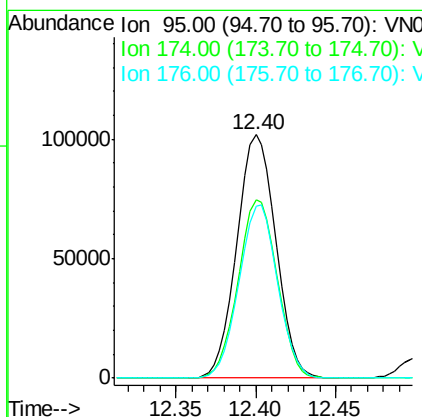
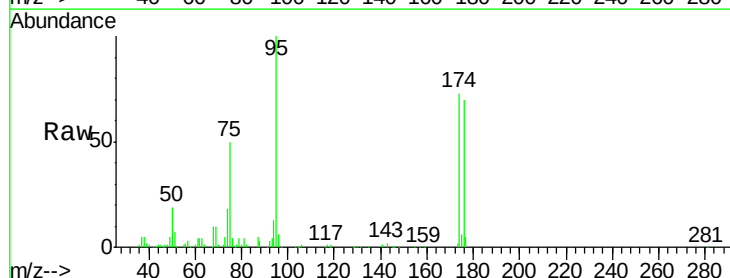
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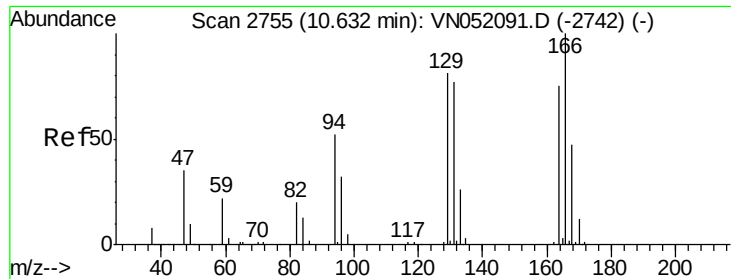
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 99.873 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.2	55.0	82.6
176	70.2	54.2	81.4





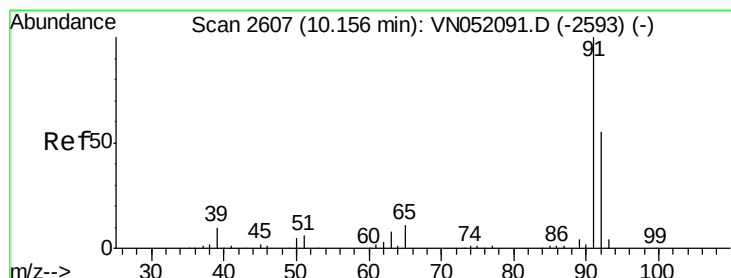
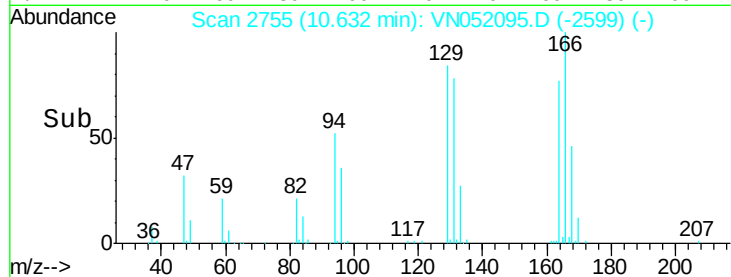
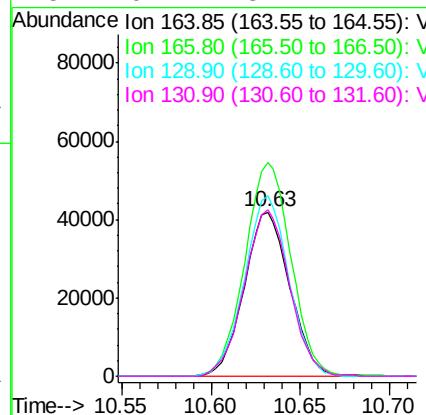
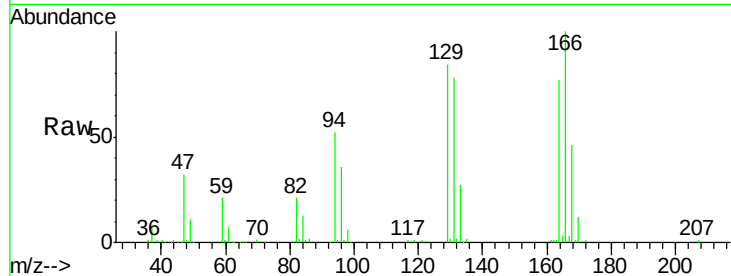
#61
Tetrachloroethene
Concen: 19.837 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110118

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.3	106.4	159.6
129	109.8	87.0	130.4
131	101.4	81.4	122.2

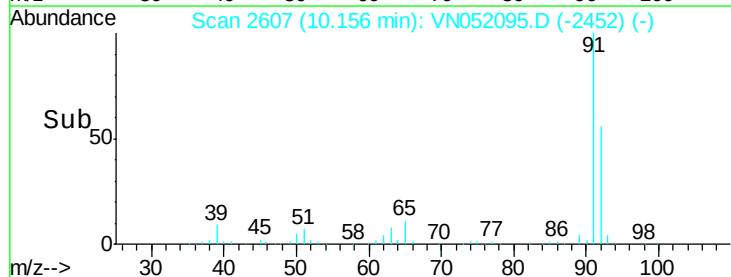
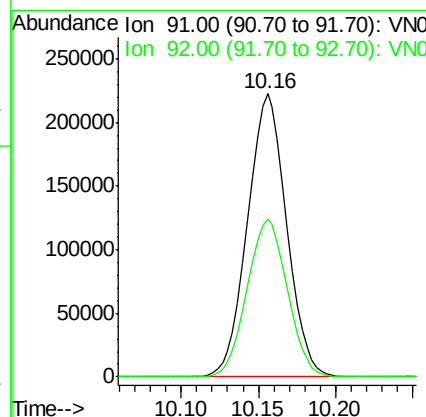
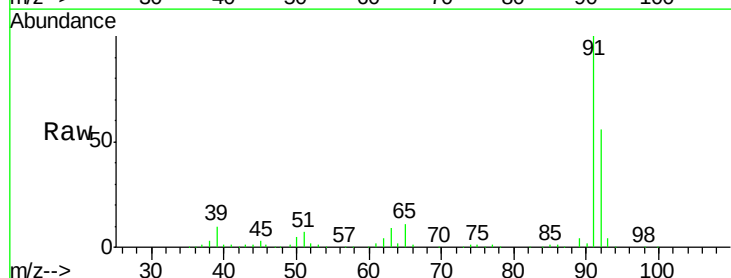
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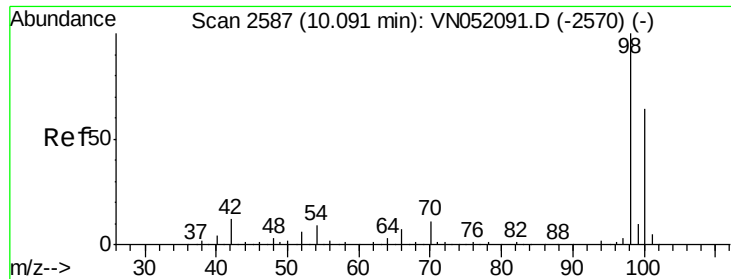
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#62
Toluene
Concen: 20.174 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.5	44.6	67.0





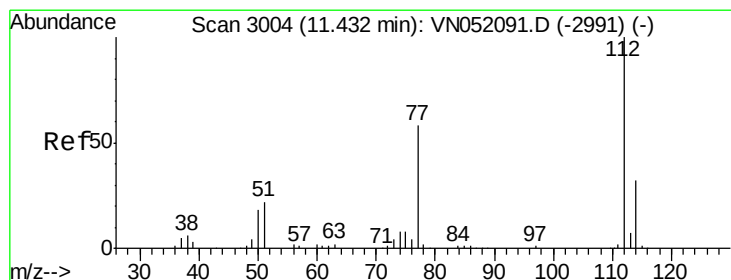
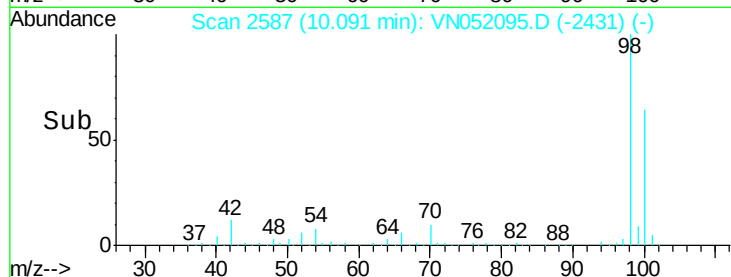
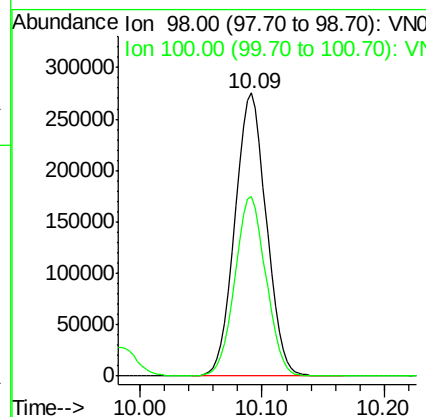
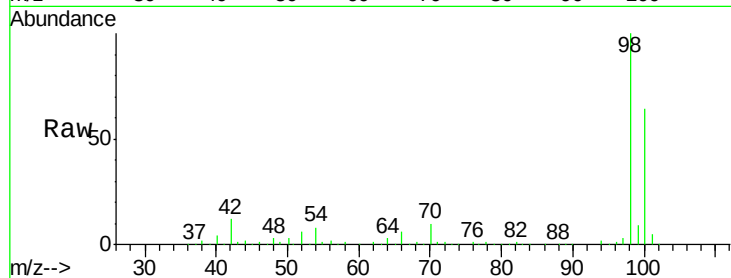
#63
Toluene-d8
Concen: 20.174 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110118

Tgt Ion: 98 Resp: 493371
Ion Ratio Lower Upper
98 100
100 62.8 50.7 76.1

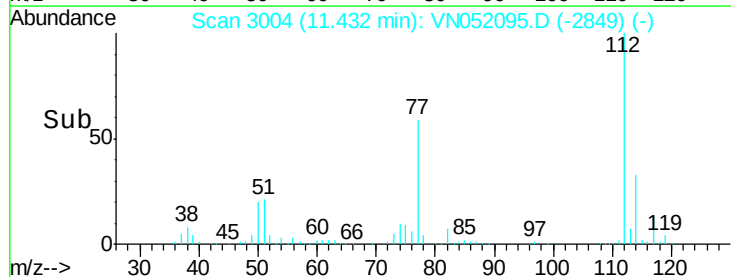
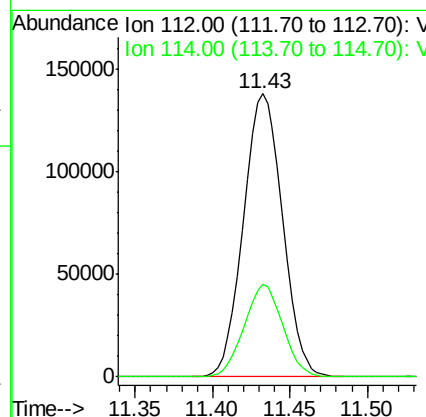
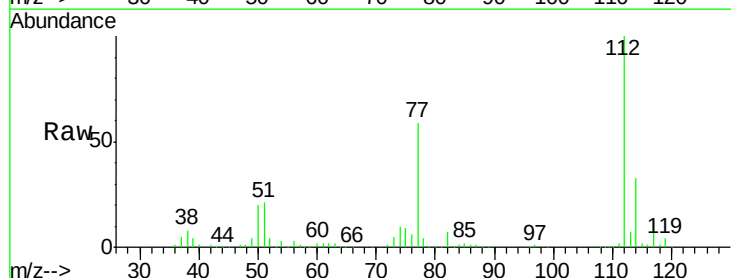
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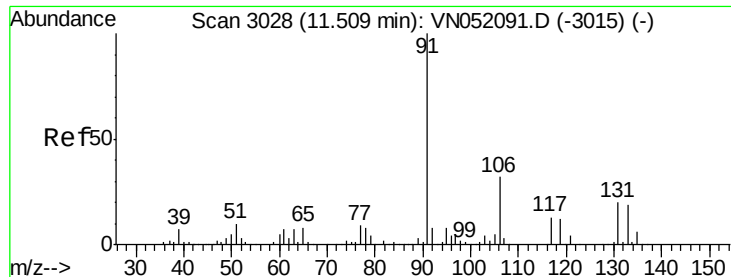
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#64
Chlorobenzene
Concen: 19.804 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Tgt Ion: 112 Resp: 243174
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3





#65

1,1,1,2-Tetrachloroethane

Concen: 19.543 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN052095.D

Acq: 1 Nov 2018 11:15

Instrument :

MSVOA_N

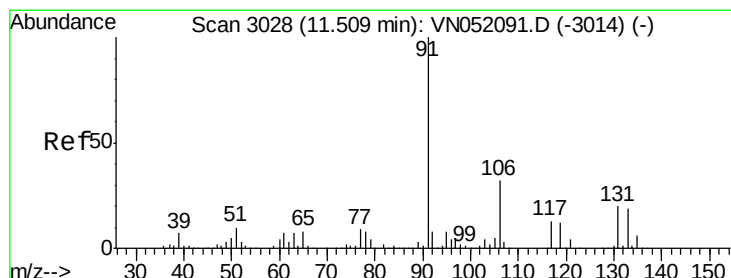
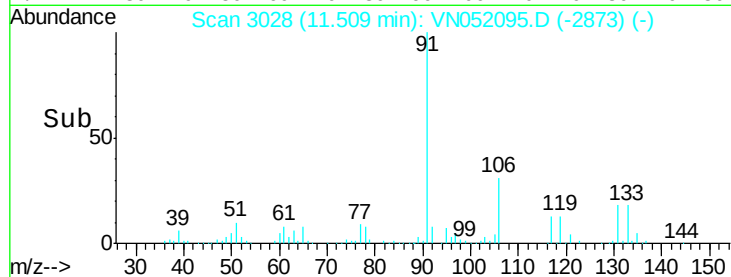
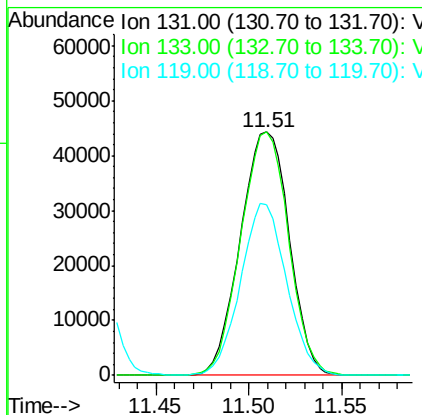
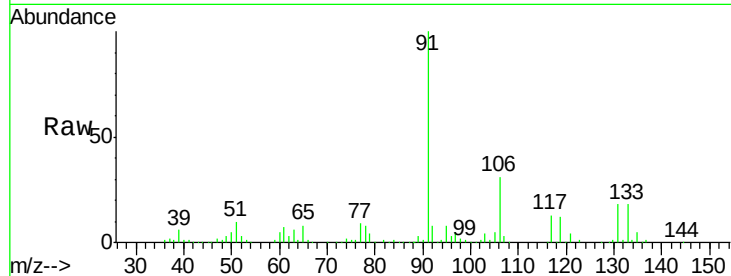
ClientSampleId :

ICVVN110118

Tgt Ion:131 Resp: 81673
 Ion Ratio Lower Upper
 131 100
 133 97.7 0.0 188.8
 119 66.6 0.0 131.4

Manual Integrations
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#66

Ethyl Benzene

Concen: 19.797 ug/l

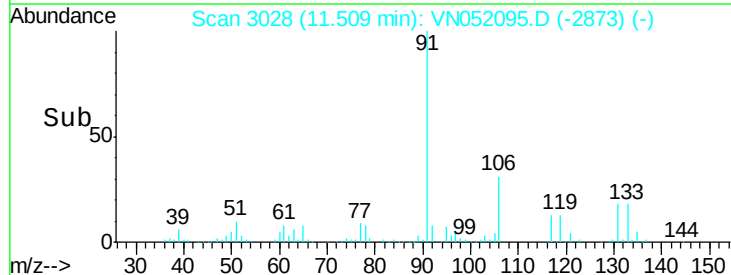
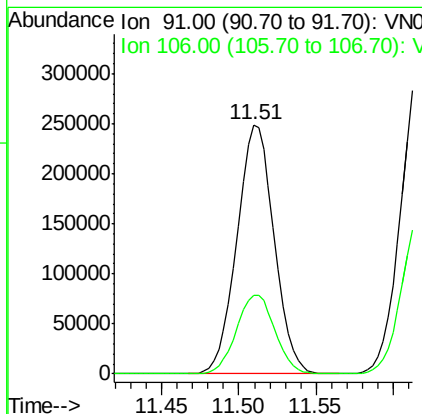
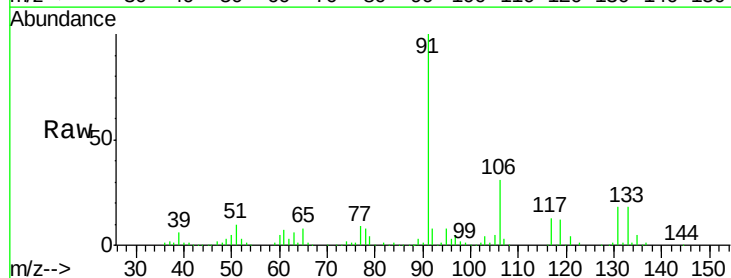
RT: 11.51 min Scan# 3028

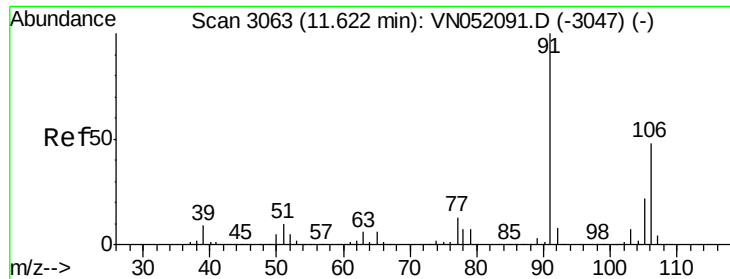
Delta R.T. -0.00 min

Lab File: VN052095.D

Acq: 1 Nov 2018 11:15

Tgt Ion: 91 Resp: 414298
 Ion Ratio Lower Upper
 91 100
 106 31.3 25.7 38.5





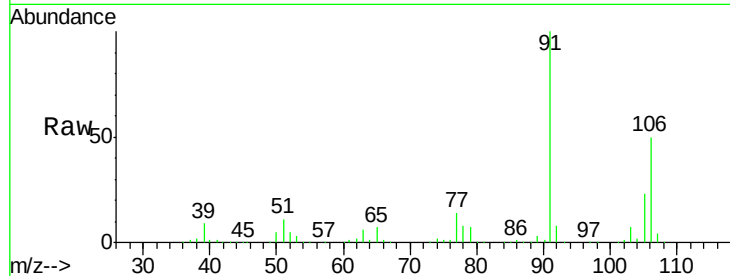
#67
m/p-Xylenes
Concen: 40.949 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110118

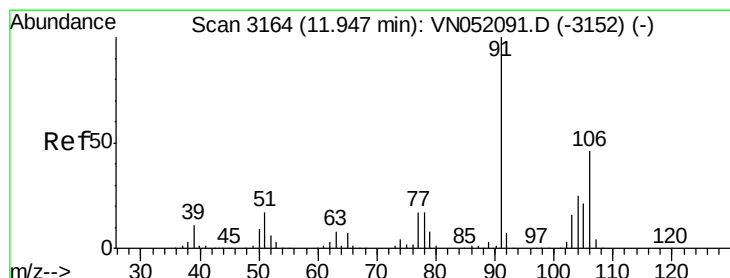
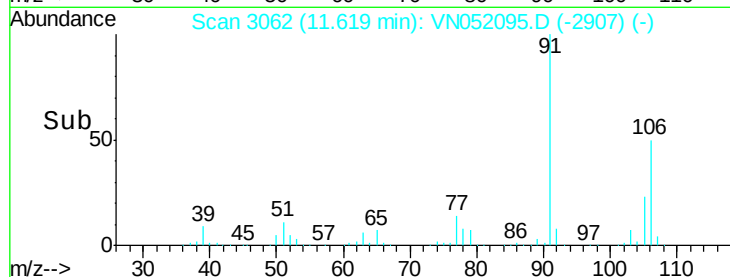
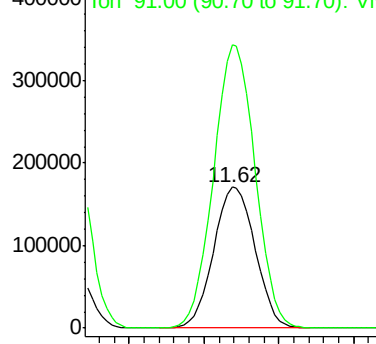
Tgt Ion:106 Resp: 329924
Ion Ratio Lower Upper
106 100
91 200.6 163.6 245.4

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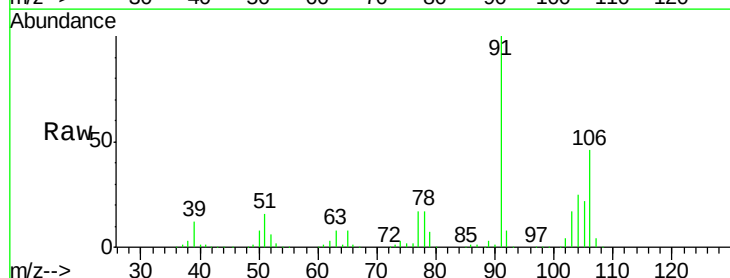


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

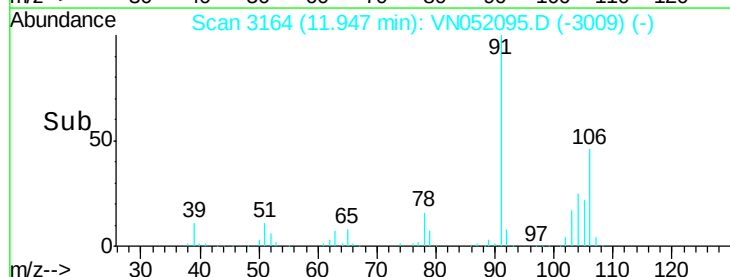
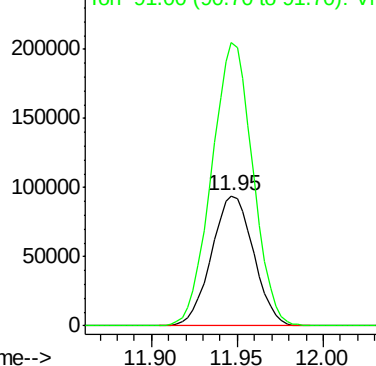


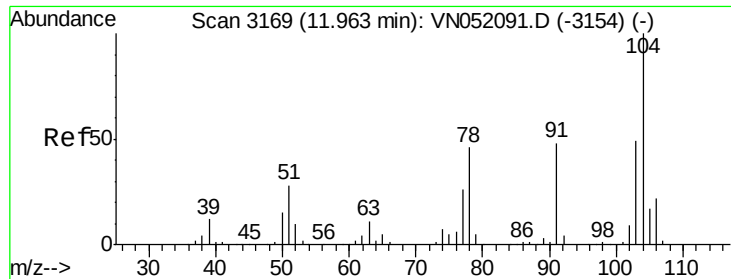
#68
o-Xylene
Concen: 20.802 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Tgt Ion:106 Resp: 159786
Ion Ratio Lower Upper
106 100
91 212.7 110.0 330.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





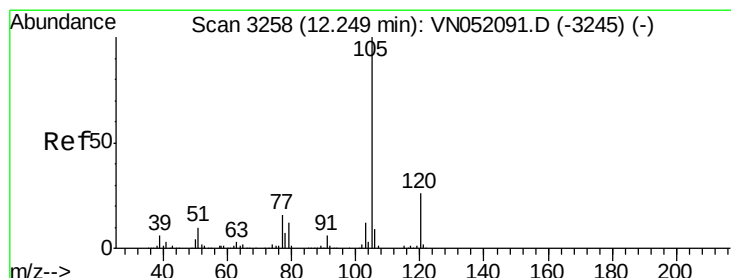
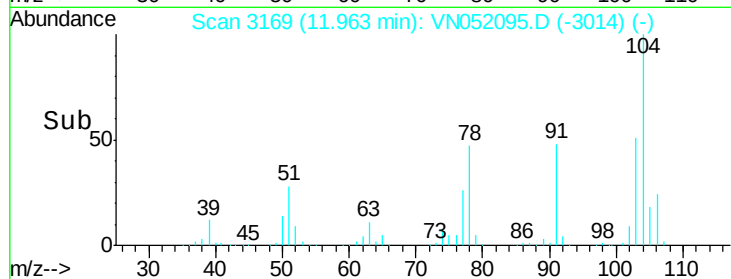
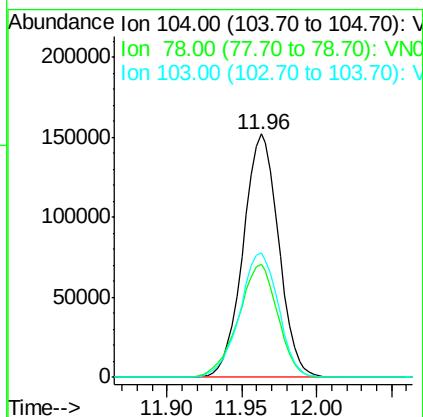
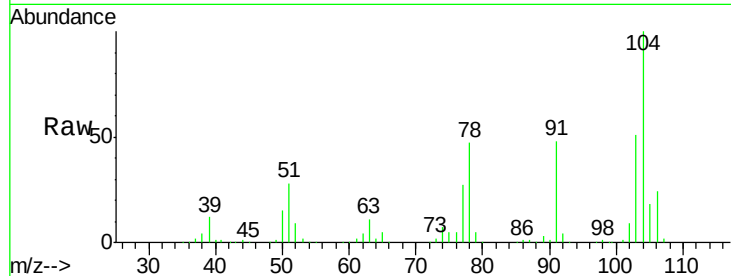
#69
Styrene
Concen: 20.362 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110118

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.4	41.3	61.9
103	55.4	43.3	64.9

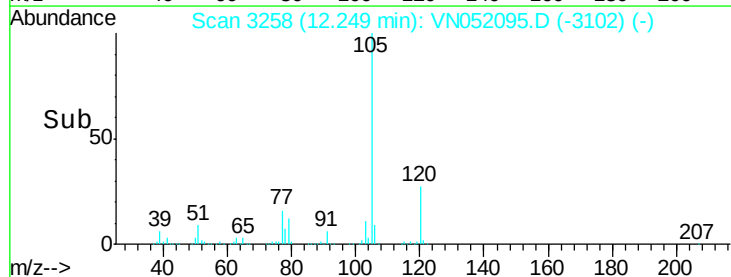
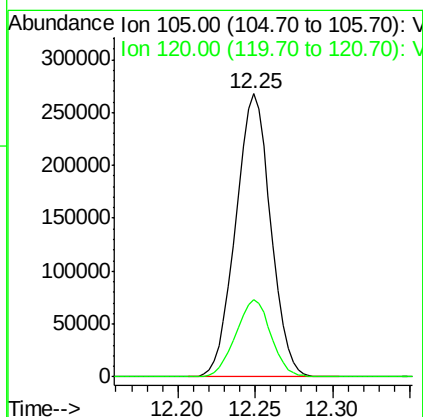
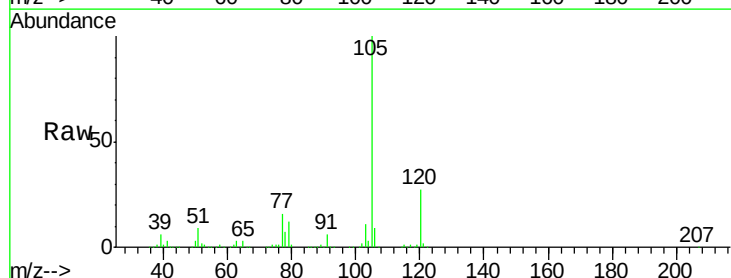
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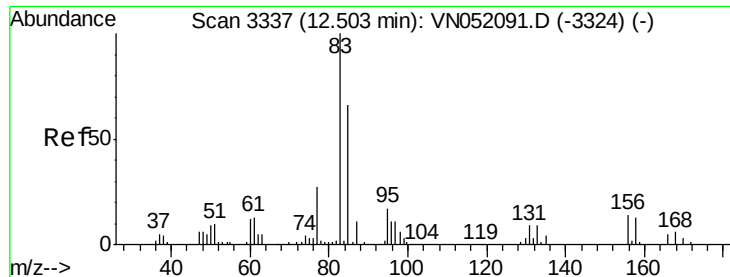
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#70
Isopropylbenzene
Concen: 20.394 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.5	18.4	34.2





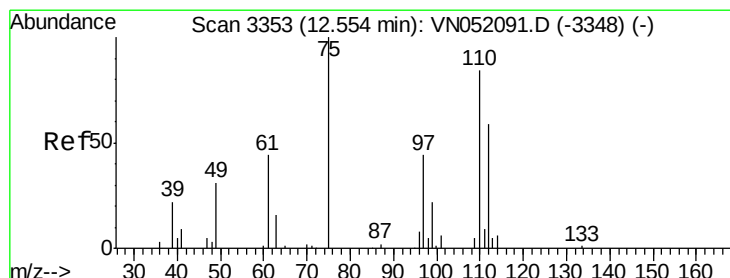
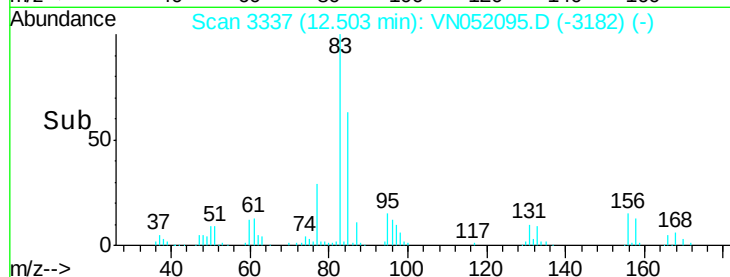
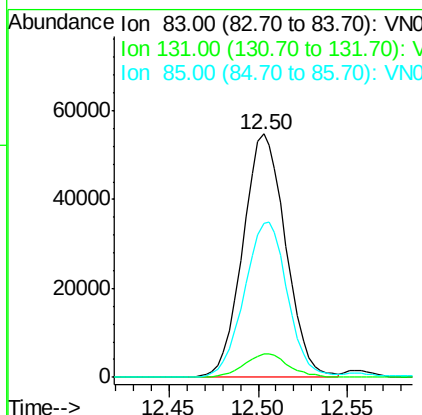
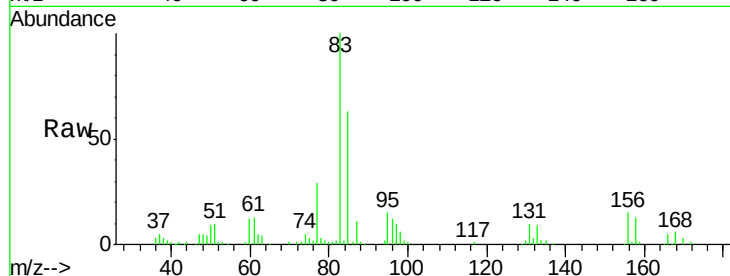
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.283 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. -0.00 min
 Lab File: VN052095.D
 Acq: 1 Nov 2018 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110118

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.0	4.8	14.3
85	64.2	32.7	98.1

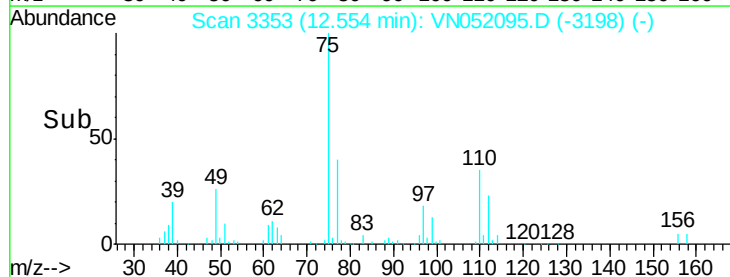
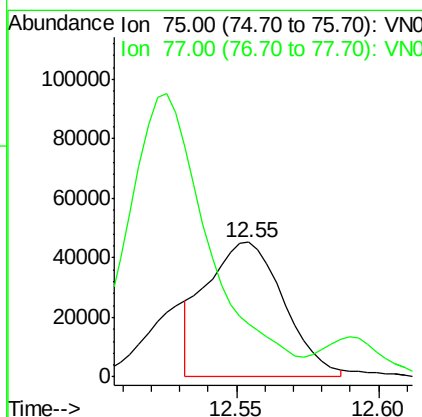
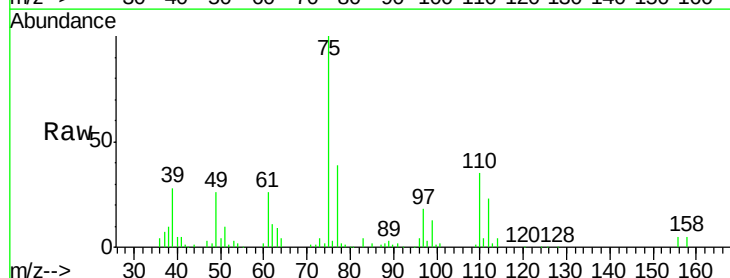
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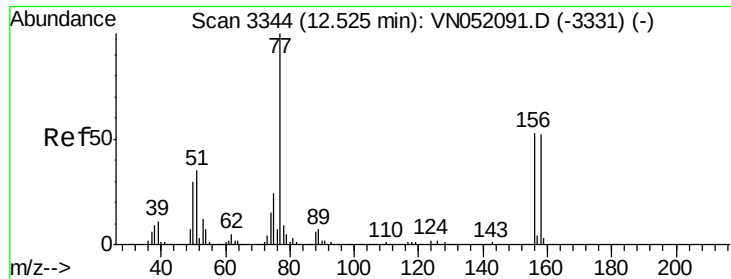
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#72
 1,2,3-Trichloropropane
 Concen: 21.530 ug/l m
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN052095.D
 Acq: 1 Nov 2018 11:15

Tgt Ion	Ratio	Lower	Upper
75	100		
77	219.7	0.0	481.8





#73

Bromobenzene

Concen: 21.052 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052095.D

Acq: 1 Nov 2018 11:15

Instrument :

MSVOA_N

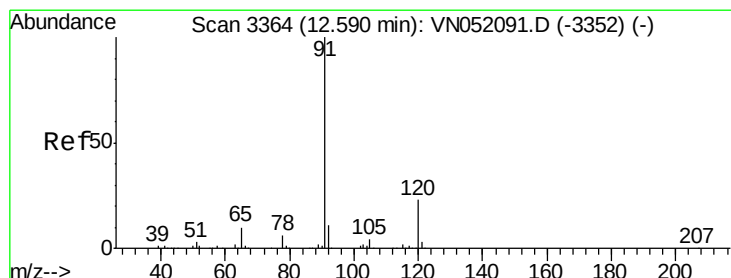
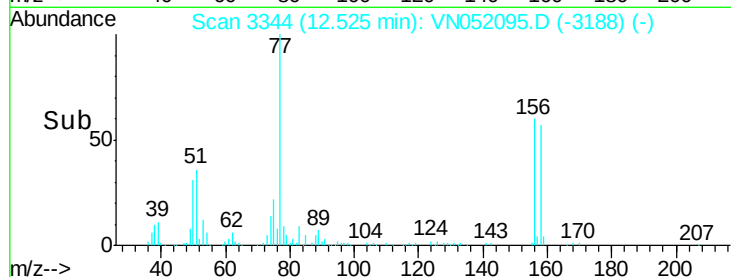
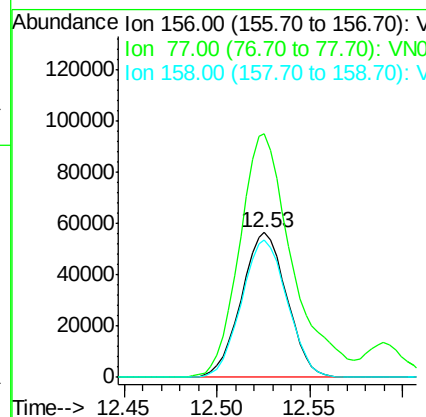
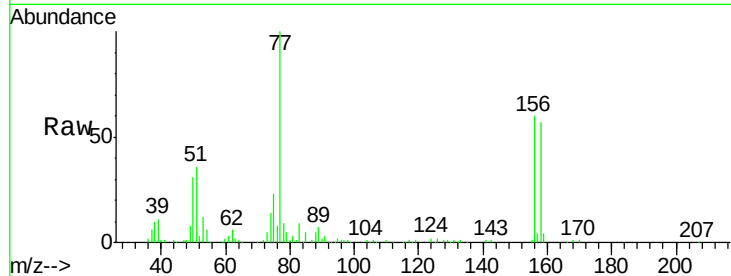
ClientSampleId :

ICVVN110118

Tgt Ion	Ratio	Lower	Upper
156	100		
77	196.1	0.0	428.0
158	95.5	0.0	196.8

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#74

n-propylbenzene

Concen: 20.326 ug/l

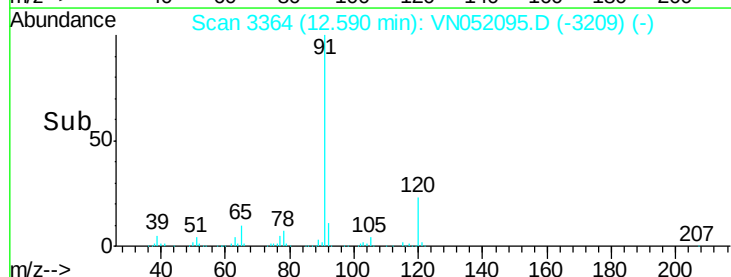
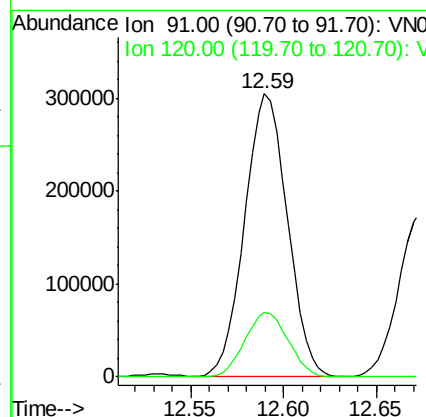
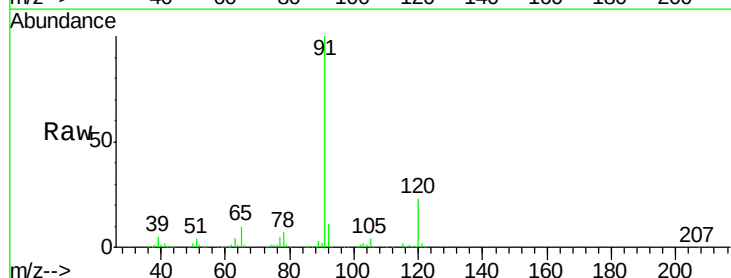
RT: 12.59 min Scan# 3364

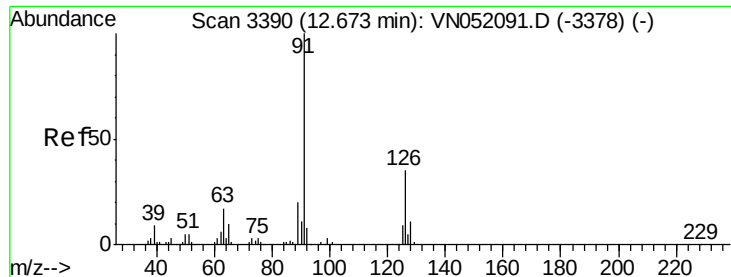
Delta R.T. -0.00 min

Lab File: VN052095.D

Acq: 1 Nov 2018 11:15

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	0.0	44.8





#75

2-Chlorotoluene

Concen: 21.037 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN052095.D

Acq: 1 Nov 2018 11:15

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110118

Tgt Ion: 91 Resp: 291235

Ion Ratio Lower Upper

91 100

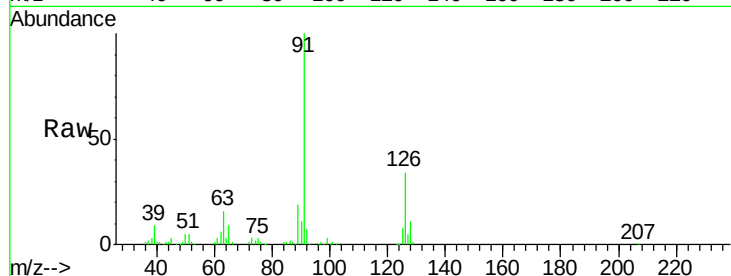
126 33.7 0.0 68.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN052091.D (-3378) (-)

Ion 126.00 (125.70 to 126.70): VN052091.D (-3378) (-)

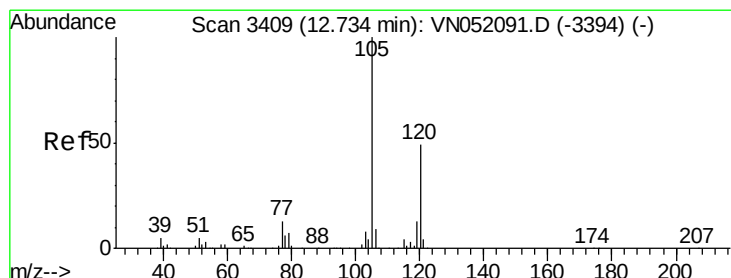
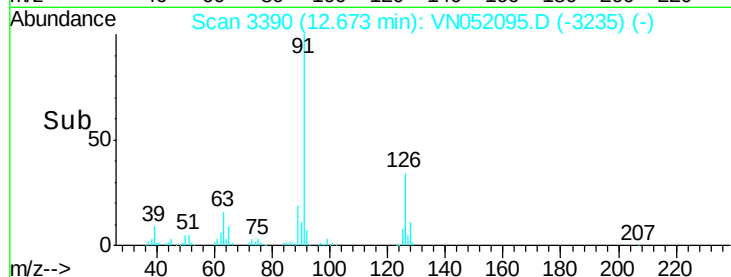
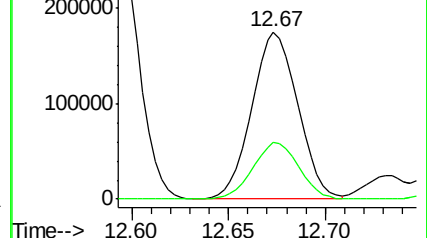
300000

200000

100000

0

12.60 12.65 12.70



#76

1,3,5-Trimethylbenzene

Concen: 20.927 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN052095.D

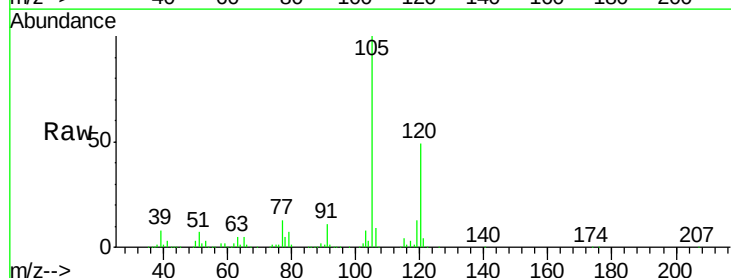
Acq: 1 Nov 2018 11:15

Tgt Ion: 105 Resp: 346026

Ion Ratio Lower Upper

105 100

120 49.0 0.0 95.8



Abundance Ion 105.00 (104.70 to 105.70): VN052091.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN052091.D (-3394) (-)

250000

200000

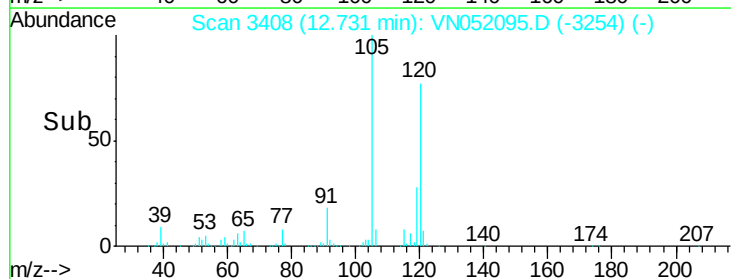
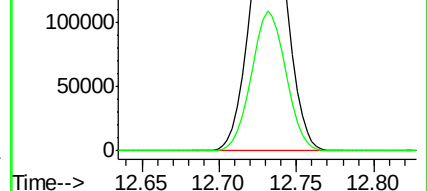
150000

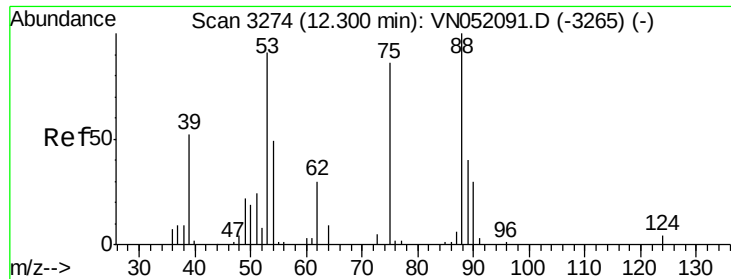
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50000

0

12.65 12.70 12.75 12.80





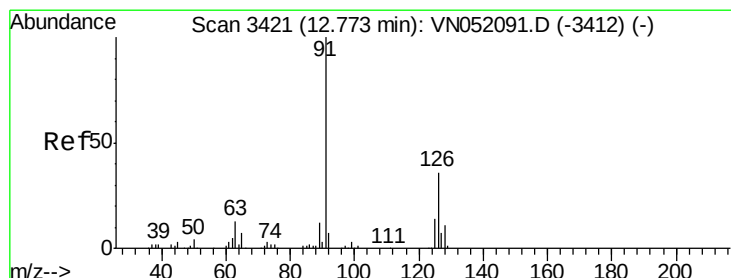
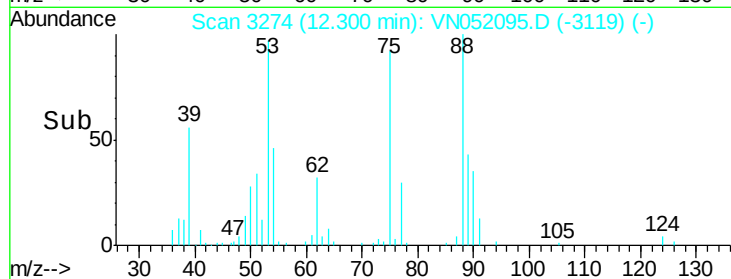
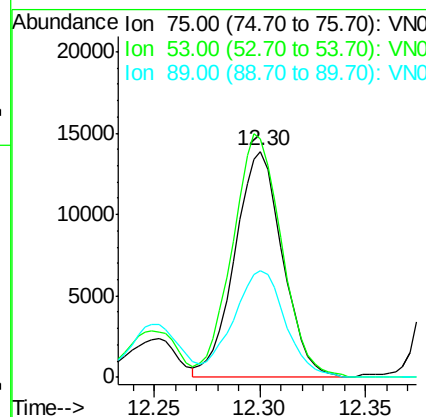
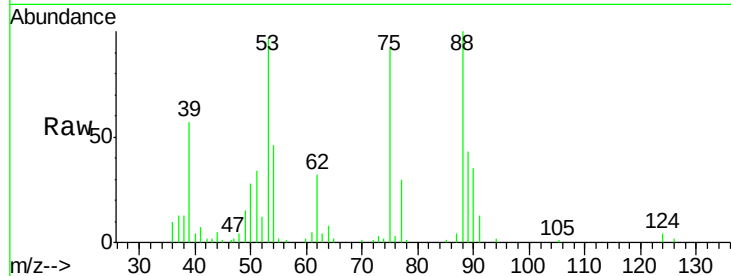
#77
t-1,4-Dichloro-2-butene
Concen: 17.504 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110118

Tgt Ion	Ratio	Lower	Upper
75	100		
53	104.4	50.7	152.1
89	47.3	23.8	71.5

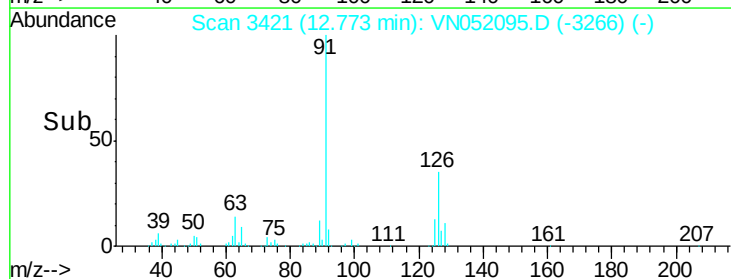
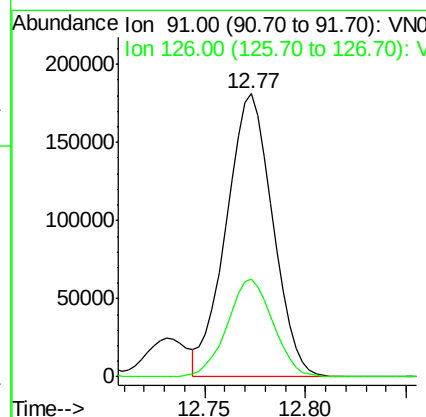
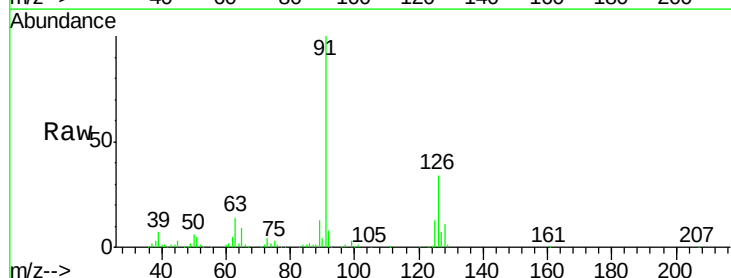
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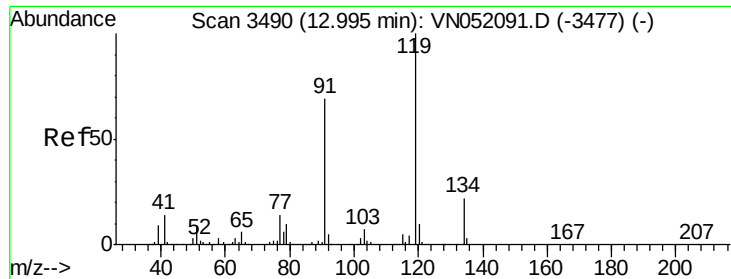
MMDadoda
11/2/2018 9:21:17 AM



#78
4-Chlorotoluene
Concen: 20.952 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.9	0.0	68.0





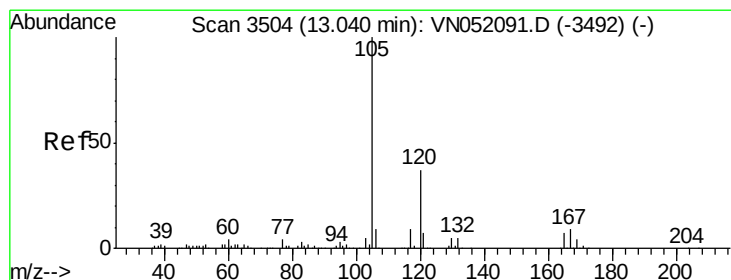
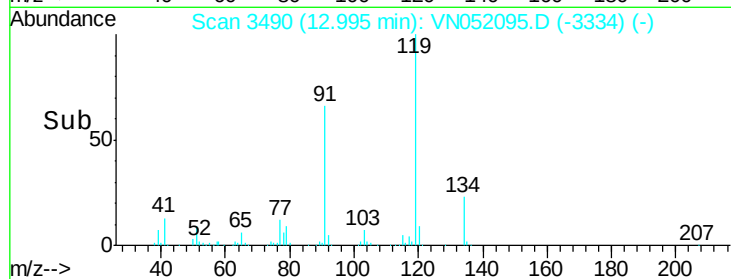
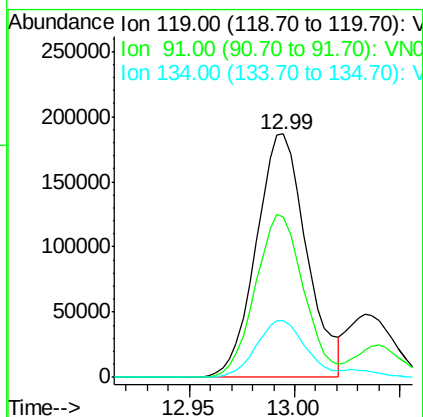
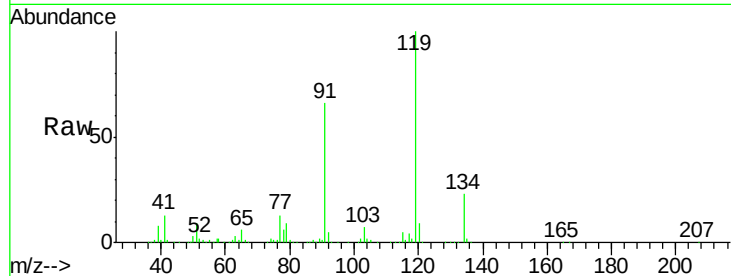
#79
tert-butylbenzene
Concen: 21.528 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110118

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	310083		
91	64.4	0.0	131.2	
134	22.8	0.0	45.8	

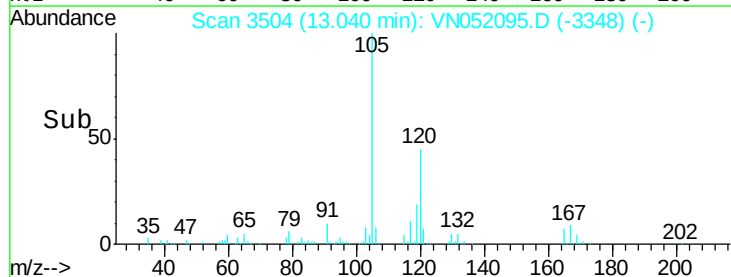
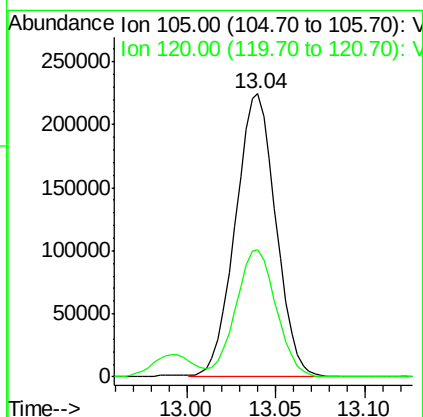
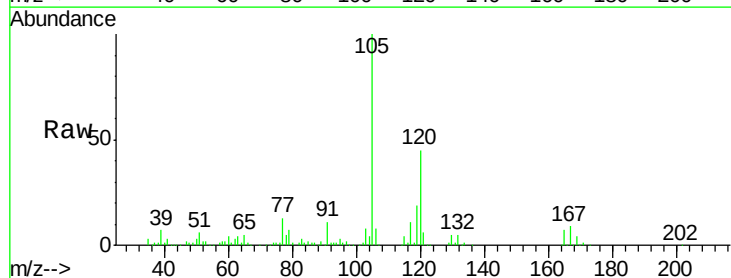
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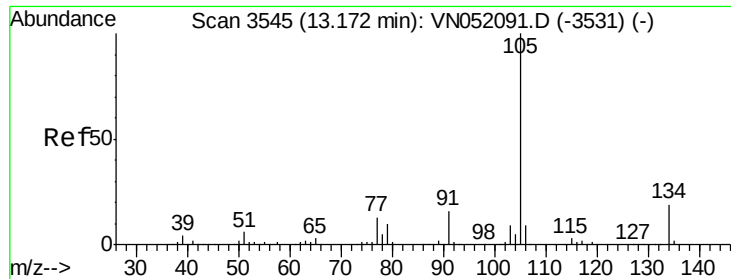
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#80
1,2,4-Trimethylbenzene
Concen: 21.602 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	355836		
120	44.9	0.0	89.4	





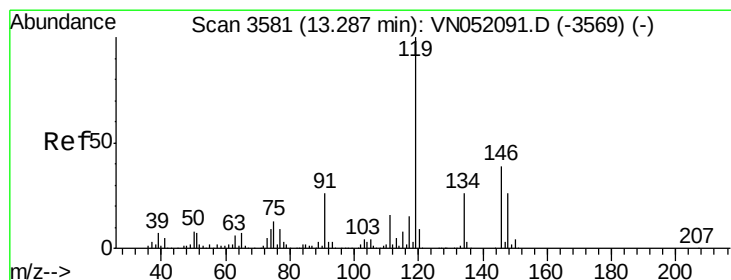
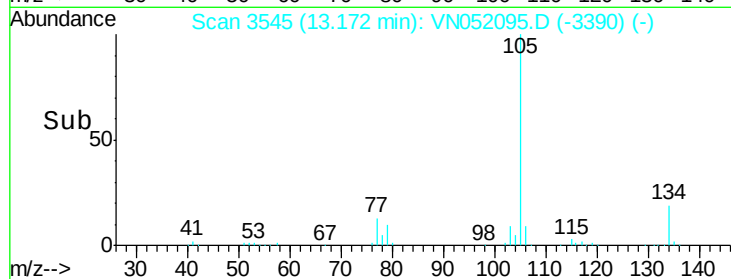
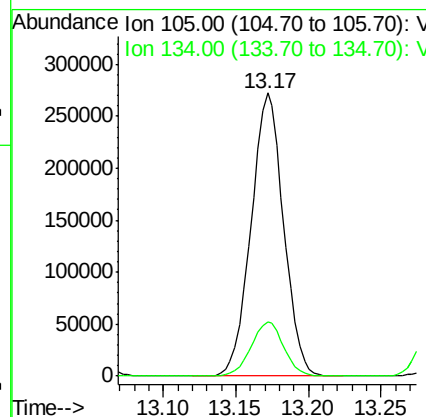
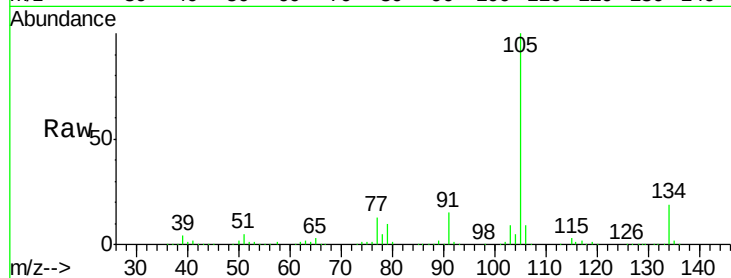
#81
 sec-Butylbenzene
 Concen: 21.378 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN052095.D
 Acq: 1 Nov 2018 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110118

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.2	0.0	38.6

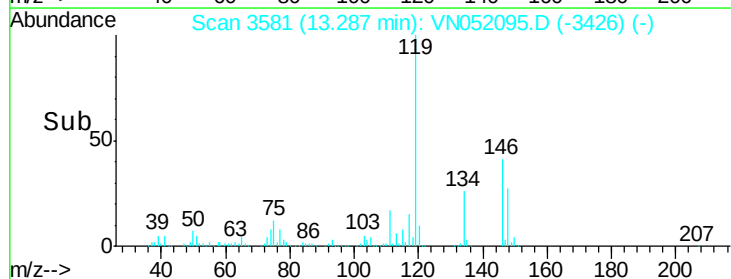
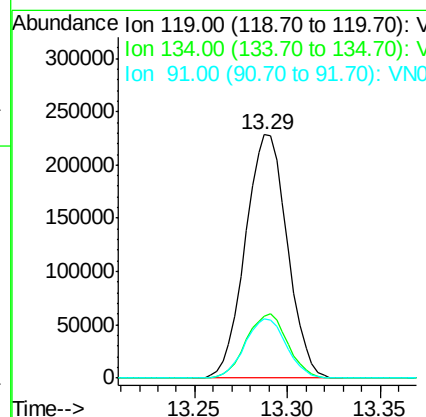
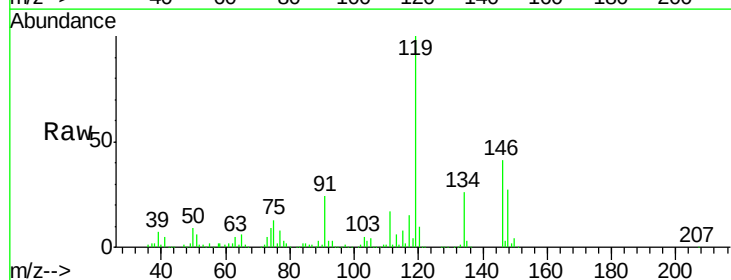
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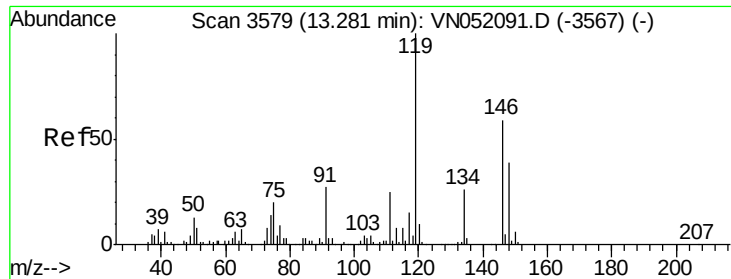
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#82
 p-Isopropyltoluene
 Concen: 21.502 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN052095.D
 Acq: 1 Nov 2018 11:15

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	0.0	52.0
91	24.3	0.0	50.8





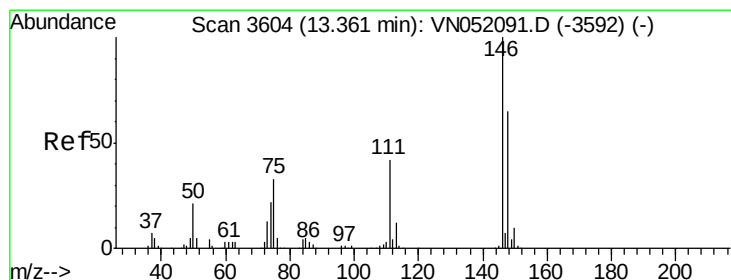
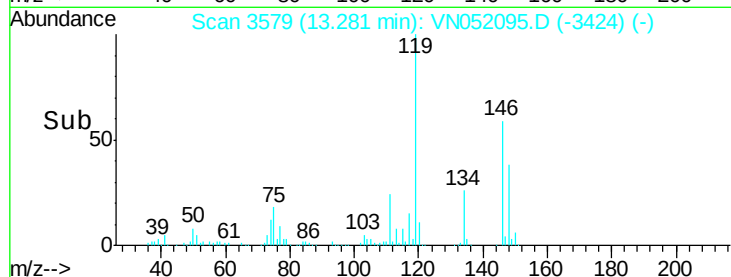
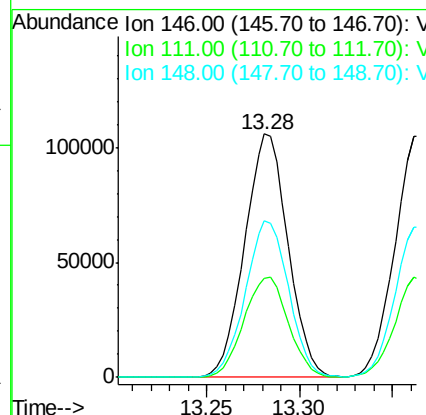
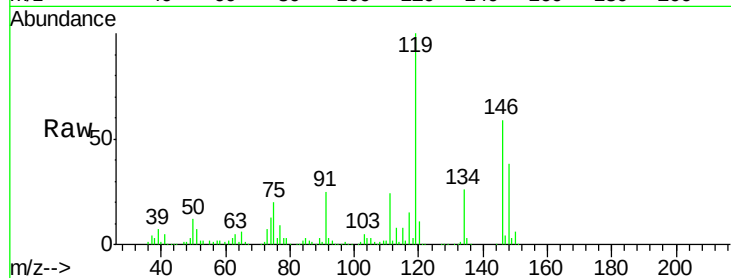
#83
 1,3-Dichlorobenzene
 Concen: 21.316 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN052095.D
 Acq: 1 Nov 2018 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110118

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.0	63.0
148	64.4	33.4	100.2

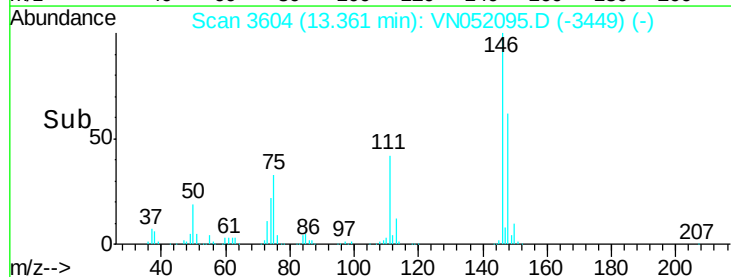
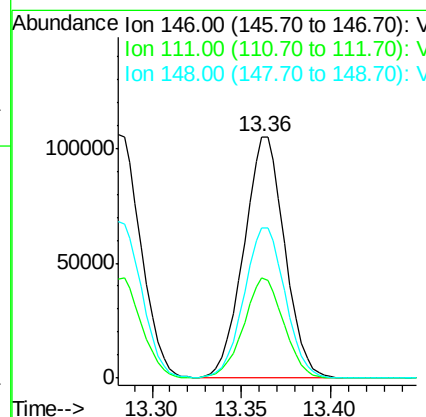
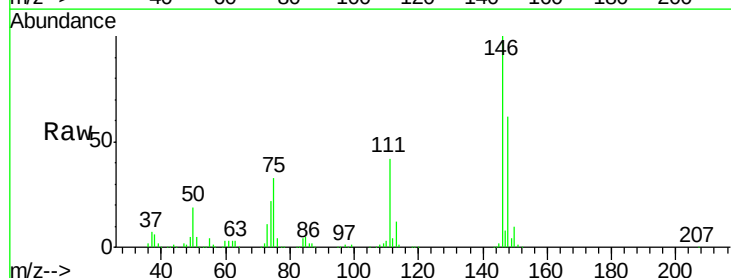
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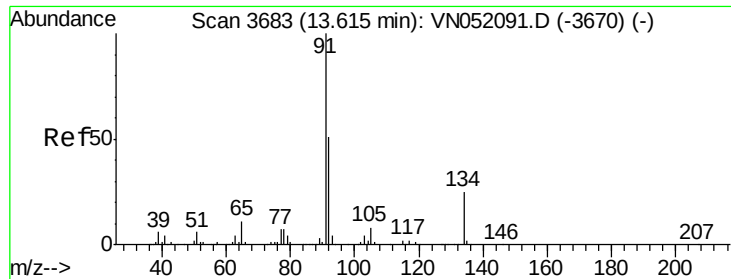
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#84
 1,4-Dichlorobenzene
 Concen: 21.039 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN052095.D
 Acq: 1 Nov 2018 11:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.4	64.2
148	62.8	32.6	98.0





#85

n-Butylbenzene

Concen: 21.778 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN052095.D

Acq: 1 Nov 2018 11:15

Instrument :

MSVOA_N

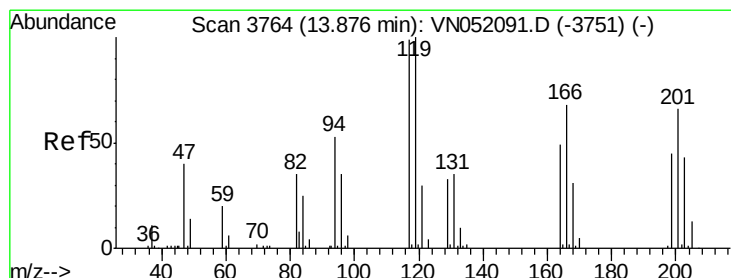
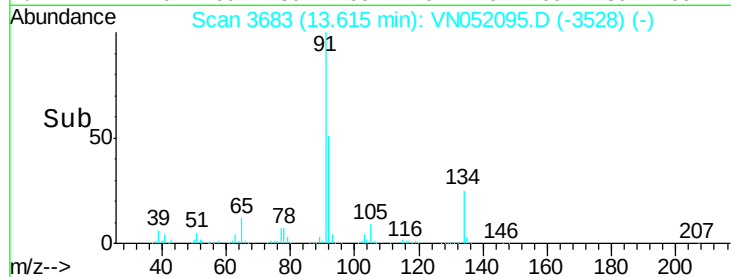
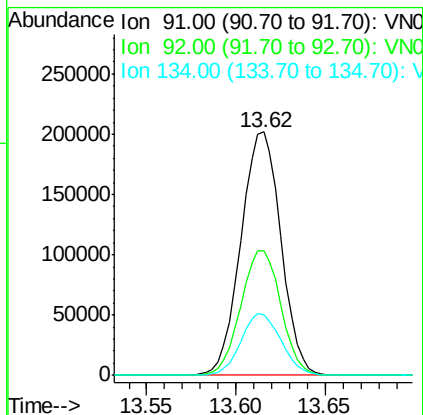
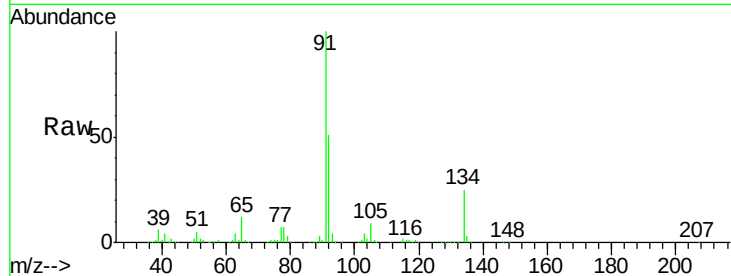
ClientSampleId :

ICVFN110118

Tgt Ion:	91	Resp:	315743
Ion	Ratio	Lower	Upper
91	100		
92	51.3	0.0	102.8
134	25.4	0.0	49.2

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#86

Hexachloroethane

Concen: 19.125 ug/l

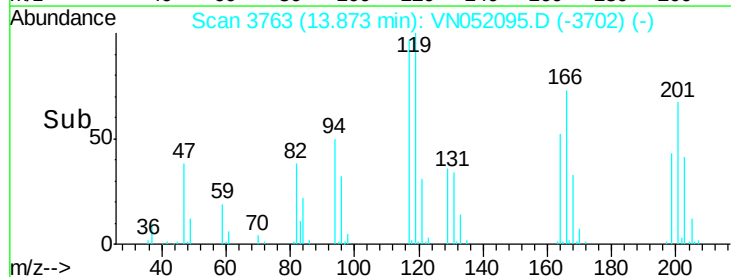
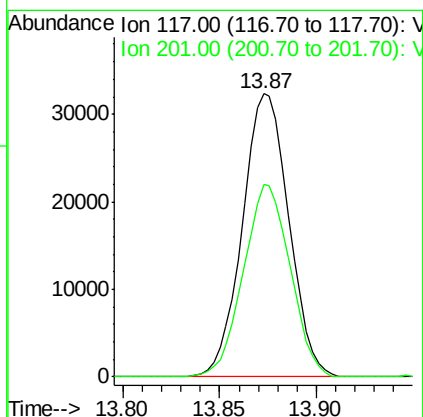
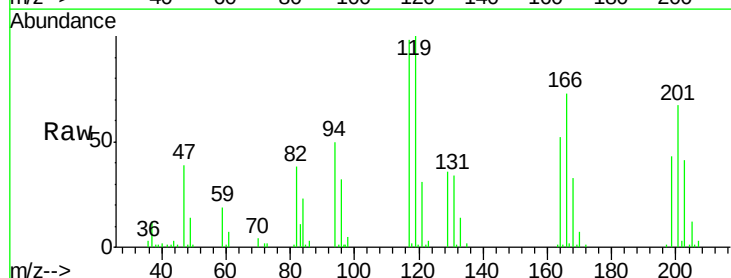
RT: 13.87 min Scan# 3763

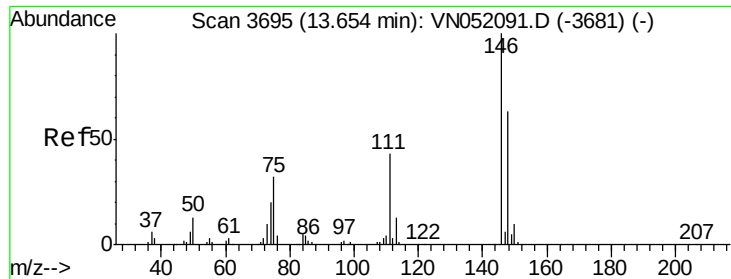
Delta R.T. -0.00 min

Lab File: VN052095.D

Acq: 1 Nov 2018 11:15

Tgt Ion:	117	Resp:	54063
Ion	Ratio	Lower	Upper
117	100		
201	68.5	32.2	96.6





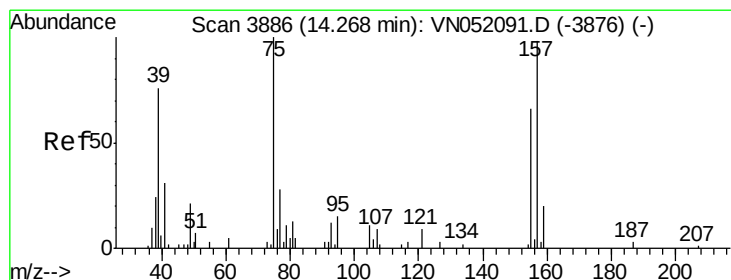
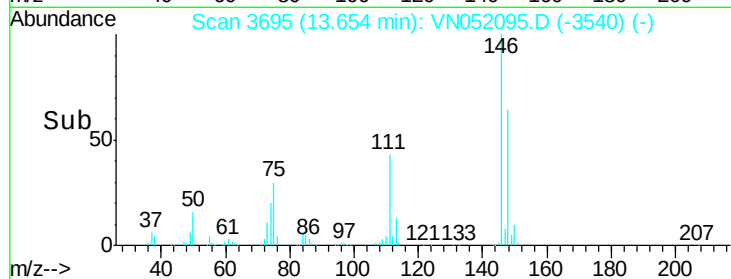
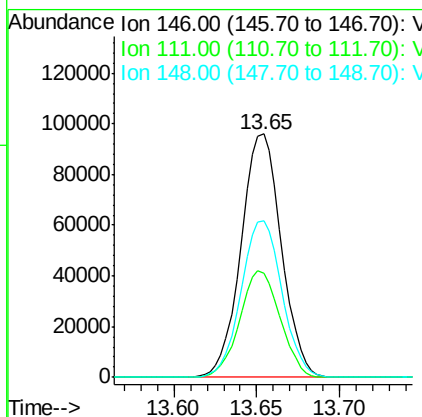
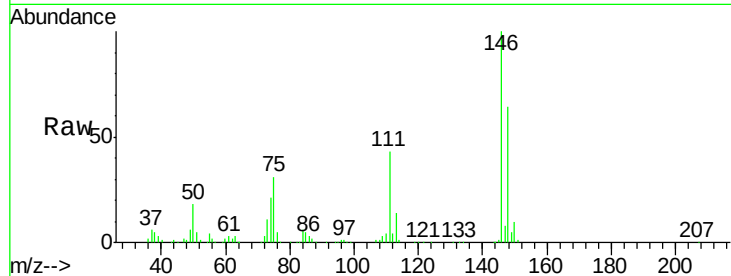
#87
 1,2-Dichlorobenzene
 Concen: 21.137 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN052095.D
 Acq: 1 Nov 2018 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110118

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.4	67.0
148	65.4	32.5	97.4

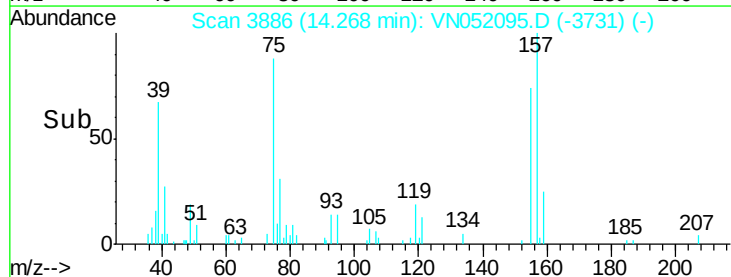
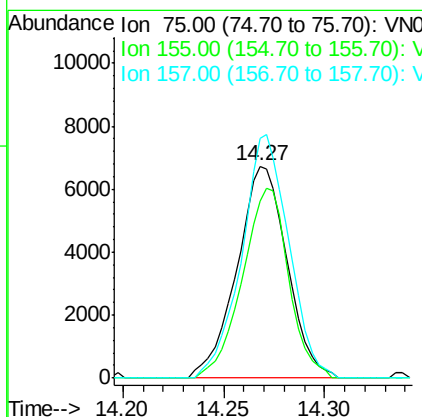
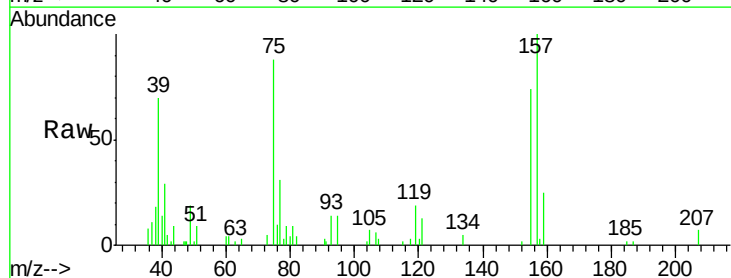
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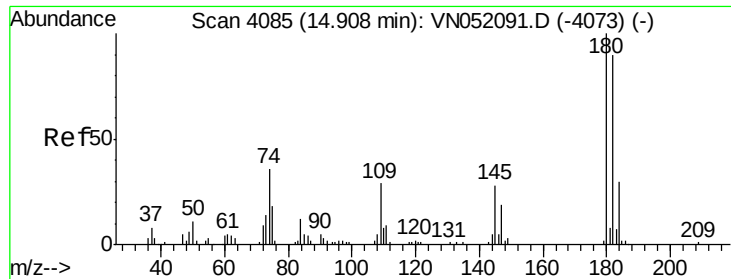
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.894 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN052095.D
 Acq: 1 Nov 2018 11:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.6	56.7	85.1
157	108.1	80.4	120.6





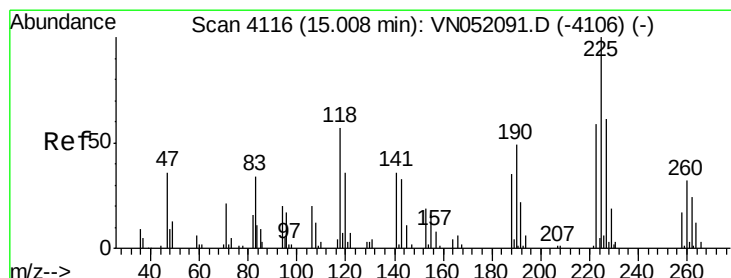
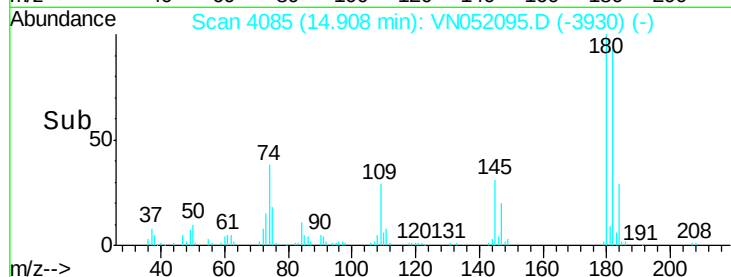
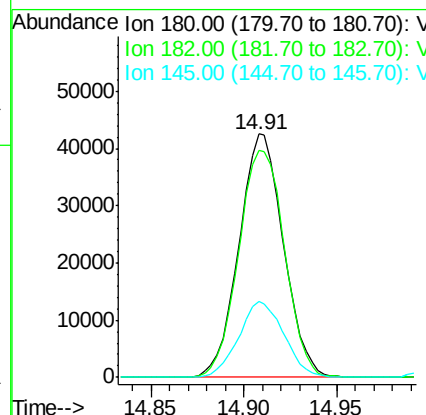
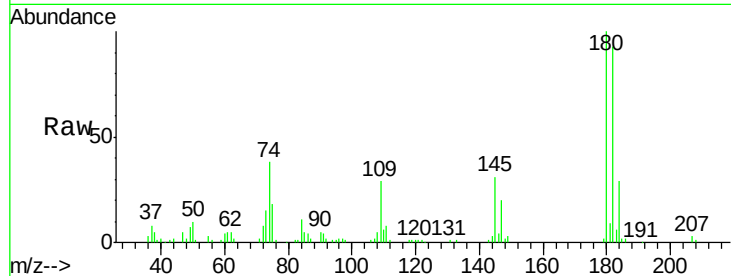
#89
 1,2,4-Trichlorobenzene
 Concen: 22.644 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN052095.D
 Acq: 1 Nov 2018 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110118

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	74.0	111.0
145	31.6	24.6	36.8

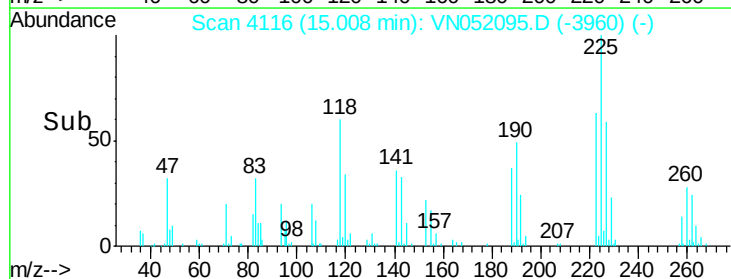
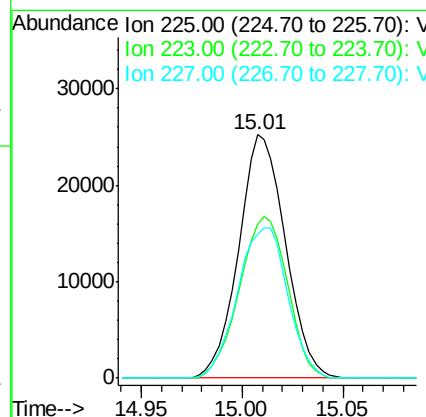
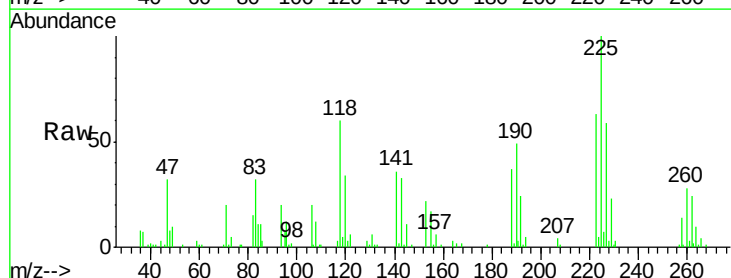
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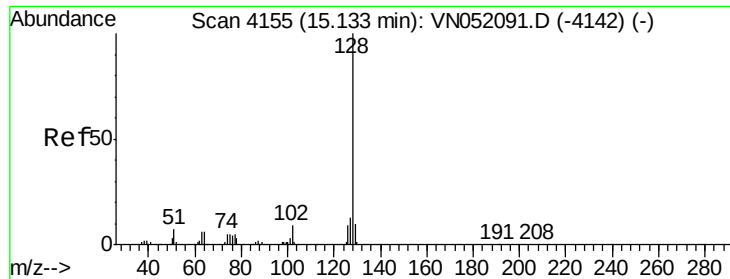
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#90
 Hexachlorobutadiene
 Concen: 24.014 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN052095.D
 Acq: 1 Nov 2018 11:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.2	0.0	121.2
227	66.4	0.0	127.2





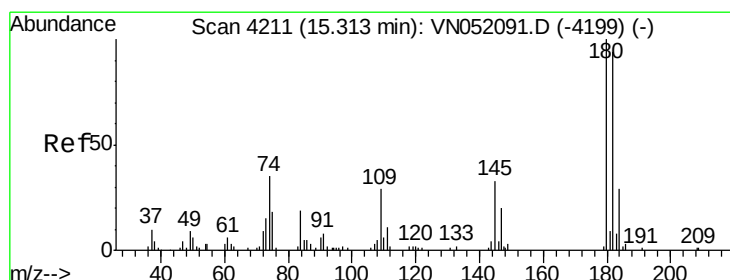
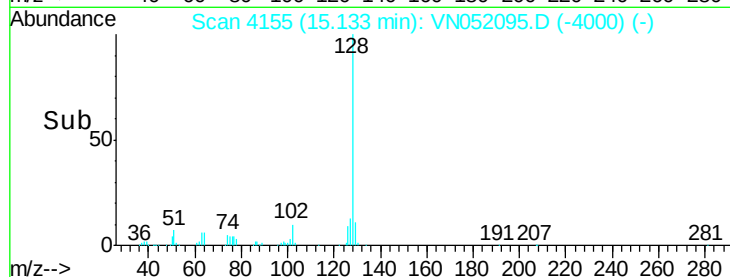
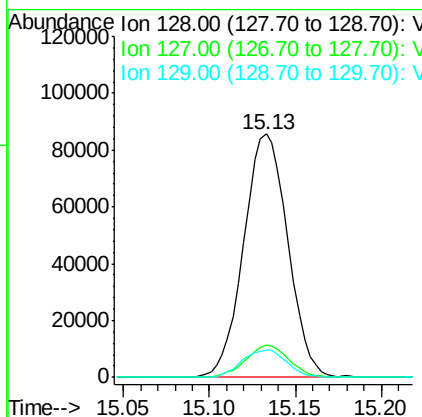
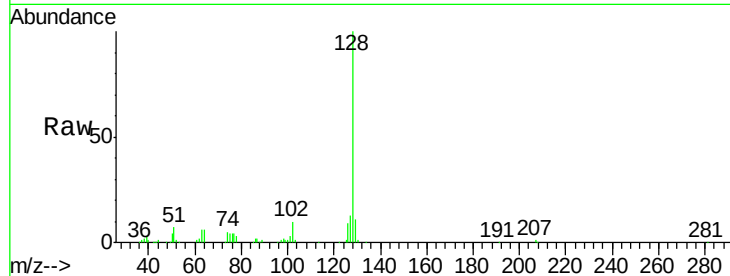
#91
Naphthalene
Concen: 21.156 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110118

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	152001		
127	12.9		10.4	15.6
129	11.4		8.3	12.5

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#92
1,2,3-Trichlorobenzene
Concen: 21.075 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN052095.D
Acq: 1 Nov 2018 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	57254		
182	94.8		0.0	186.6
145	33.9		0.0	66.6

