

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062718\
 Data File : VN049570.D
 Acq On : 27 Jun 2018 14:22
 Operator : MD\SY
 Sample : VN0627WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 4:38:09 PM

Quant Time: Jun 28 01:42:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1505750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2275984	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1995849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1014500	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	909646	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	
35) Dibromofluoromethane	7.59	113	786406	42.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.42%	
50) Toluene-d8	10.09	98	3087594	44.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.08%	
62) 4-Bromofluorobenzene	12.40	95	1007372	43.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	316918	18.29	ug/l	99
3) Chloromethane	2.06	50	366047	16.36	ug/l	98
4) Vinyl Chloride	2.18	62	405809	17.06	ug/l	98
5) Bromomethane	2.57	94	195490	15.64	ug/l	97
6) Chloroethane	2.70	64	241896	17.06	ug/l	100
7) Trichlorofluoromethane	3.02	101	436121	14.70	ug/l	98
8) Diethyl Ether	3.41	74	175274	16.92	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.76	101	318187	16.91	ug/l	94
10) Methyl Iodide	3.95	142	403975	20.62	ug/l	92
11) Tert butyl alcohol	4.80	59	92964	79.31	ug/l	100
12) 1,1-Dichloroethene	3.73	96	294280	17.05	ug/l	90
13) Acrolein	3.60	56	125220	101.87	ug/l	98
14) Allyl chloride	4.32	41	392271	14.39	ug/l	88
15) Acrylonitrile	4.99	53	486990	83.09	ug/l	98
16) Acetone	3.82	43	376412	77.63	ug/l #	89
17) Carbon Disulfide	4.05	76	879388	16.25	ug/l	100
18) Methyl Acetate	4.33	43	434911	29.41	ug/l	94
19) Methyl tert-butyl Ether	5.04	73	765885	17.40	ug/l	99
20) Methylene Chloride	4.55	84	331989	16.39	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	310253	16.97	ug/l	90
22) Diisopropyl ether	5.95	45	942815	17.32	ug/l	97
23) Vinyl Acetate	5.90	43	3009836	84.81	ug/l	96
24) 1,1-Dichloroethane	5.85	63	580351	16.66	ug/l	98
25) 2-Butanone	6.84	43	510505	78.40	ug/l	97
26) 2,2-Dichloropropane	6.82	77	478420	17.00	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	348922	17.17	ug/l	92
28) Bromochloromethane	7.19	49	241058	15.61	ug/l	87
29) Tetrahydrofuran	7.21	42	356248	85.00	ug/l	94
30) Chloroform	7.37	83	588040	16.96	ug/l	98
31) Cyclohexane	7.65	56	520134	17.49	ug/l	90
32) 1,1,1-Trichloroethane	7.57	97	503444	17.02	ug/l	97
36) 1,1-Dichloropropene	7.79	75	438129	16.80	ug/l	98
37) Ethyl Acetate	6.93	43	248630	17.53	ug/l	96
38) Carbon Tetrachloride	7.77	117	420168	15.56	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	466129	16.65	ug/l	98
40) Benzene	8.04	78	1334818	16.69	ug/l	100
41) Methacrylonitrile	7.17	41	139717	18.22	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	412812	16.71	ug/l	95
43) Isopropyl Acetate	8.17	43	800256	29.54	ug/l #	87
44) Trichloroethene	8.84	130	396617	18.78	ug/l	93
45) 1,2-Dichloropropane	9.12	63	344927	16.47	ug/l	100
46) Dibromomethane	9.21	93	201613	16.61	ug/l	91
47) Bromodichloromethane	9.40	83	436500	16.36	ug/l	98
48) Methyl methacrylate	9.20	41	216612	16.98	ug/l	88
49) 1,4-Dioxane	9.20	88	57313	325.46	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	1182735	83.29	ug/l	94
52) Toluene	10.16	92	803339	17.12	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	403543	15.81	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	494901	16.42	ug/l	90
55) 1,1,2-Trichloroethane	10.56	97	287211	16.41	ug/l	97
56) Ethyl methacrylate	10.43	69	343357	17.01	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	479950	16.56	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	702617	106.11	ug/l	93
59) 2-Hexanone	10.75	43	780233	85.22	ug/l	93
60) Dibromochloromethane	10.90	129	311053	15.93	ug/l	99
61) 1,2-Dibromoethane	11.01	107	276428	17.00	ug/l	99
64) Tetrachloroethene	10.63	164	461337	22.56	ug/l	95
65) Chlorobenzene	11.44	112	862976	16.78	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	318992	16.49	ug/l	98
67) Ethyl Benzene	11.51	91	1449217	16.99	ug/l	98
68) m/p-Xylenes	11.62	106	1129281	35.28	ug/l	97
69) o-Xylene	11.95	106	542056	17.58	ug/l	96
70) Styrene	11.96	104	882577	18.15	ug/l	98
71) Bromoform	12.13	173	201403	16.08	ug/l #	98
73) Isopropylbenzene	12.25	105	1410878	15.84	ug/l	99
74) N-amyl acetate	12.07	43	382180	17.52	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	296365	14.59	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	263569m	15.23	ug/l	
77) Bromobenzene	12.53	156	368687	15.67	ug/l	89
78) n-propylbenzene	12.59	91	1609737	16.46	ug/l	98
79) 2-Chlorotoluene	12.68	91	992492	16.02	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	1189321	16.99	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	78924	14.41	ug/l	96
82) 4-Chlorotoluene	12.77	91	992192	16.60	ug/l	96
83) tert-Butylbenzene	12.99	119	975811	15.73	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1225958	17.63	ug/l	100
85) sec-Butylbenzene	13.17	105	1342091	16.26	ug/l	98
86) p-Isopropyltoluene	13.29	119	1173301	17.01	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	651927	16.84	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	630285	16.43	ug/l	99
89) n-Butylbenzene	13.62	91	952911	17.69	ug/l	98
90) Hexachloroethane	13.88	117	109700	6.94	ug/l	87
91) 1,2-Dichlorobenzene	13.65	146	634963	16.73	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	48953	15.79	ug/l	86

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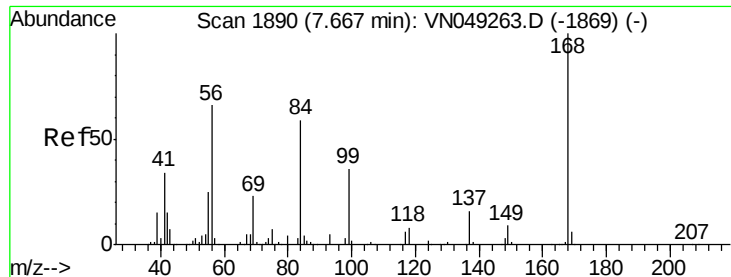
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	286623	19.65	ug/l	99
94) Hexachlorobutadiene	15.01	225	210487	17.17	ug/l	99
95) Naphthalene	15.14	128	569139	21.23	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	279768	18.77	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBS01

Tot Ion:168 Resp: 1505750

Ion Ratio Lower Upper

168 100

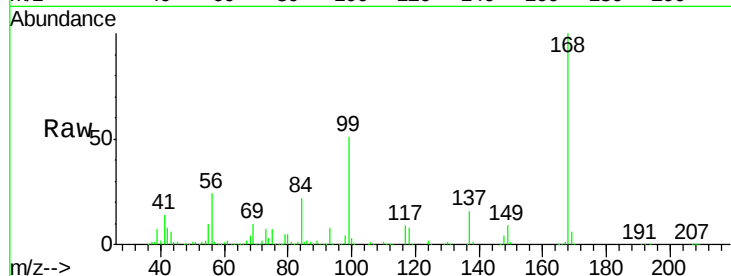
99 50.6 45.8 68.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

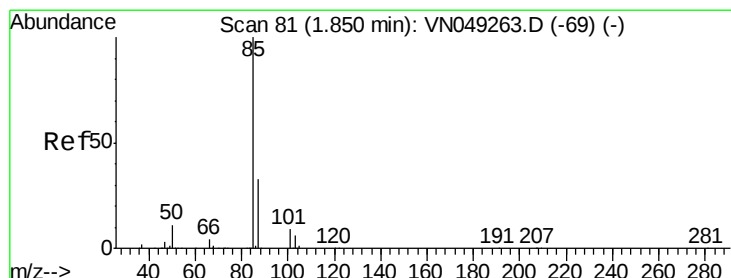
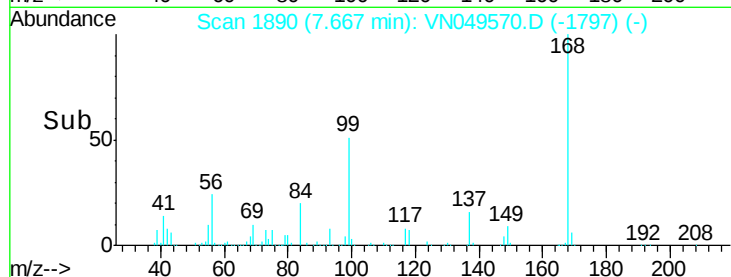
400000

200000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.29 ug/l

RT: 1.85 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN049570.D

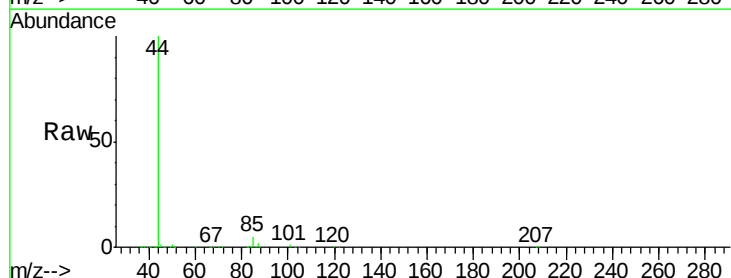
Acq: 27 Jun 2018 14:22

Tgt Ion: 85 Resp: 316918

Ion Ratio Lower Upper

85 100

87 31.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

250000

200000

150000

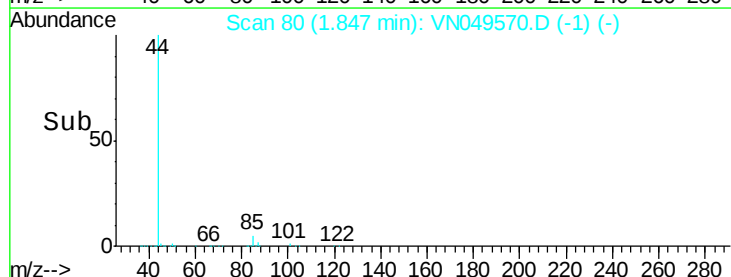
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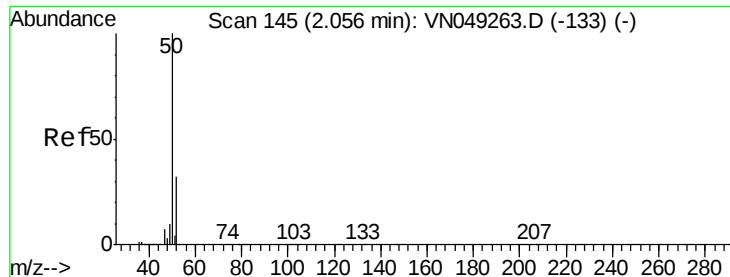
50000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 16.36 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBS01

Tot Ion: 50 Resp: 366047

Ion Ratio Lower Upper

50 100

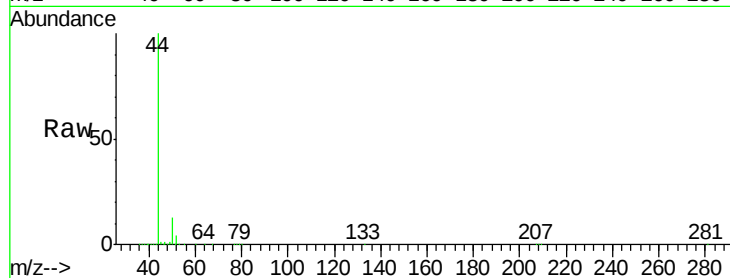
52 32.9 25.2 37.8

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Abundance Ion 49.90 (49.60 to 50.60): VN049570.D (-52) (-)

Ion 51.90 (51.60 to 52.60): VN049570.D (-52) (-)

2.06

300000

250000

200000

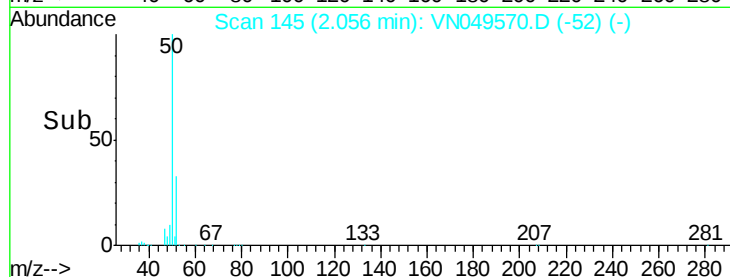
150000

100000

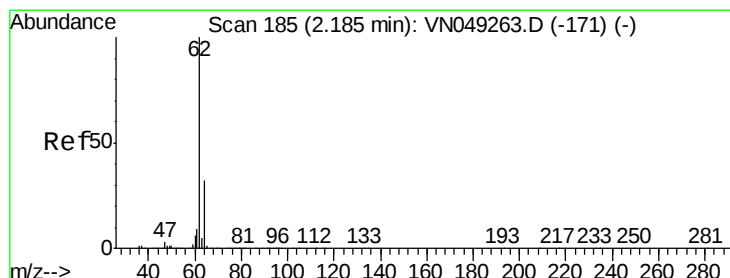
50000

0

Time-->



Time-->



#4

Vinyl Chloride

Concen: 17.06 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049570.D

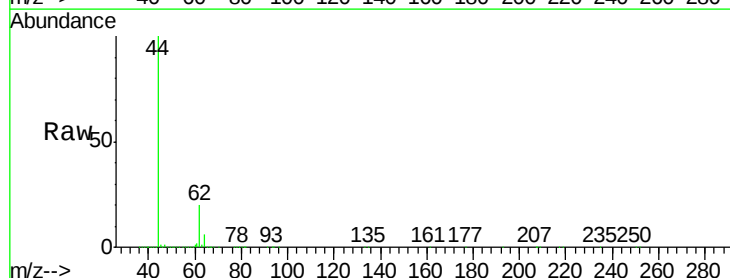
Acq: 27 Jun 2018 14:22

Tgt Ion: 62 Resp: 405809

Ion Ratio Lower Upper

62 100

64 31.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN049570.D (-92) (-)

Ion 63.90 (63.60 to 64.60): VN049570.D (-92) (-)

2.18

300000

250000

200000

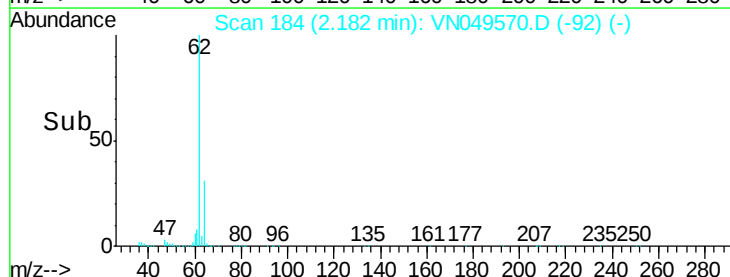
150000

100000

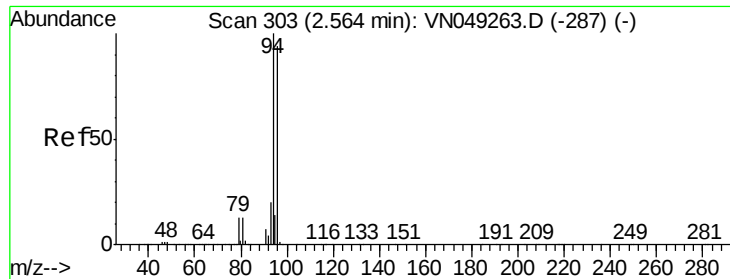
50000

0

Time-->



Time-->



#5

Bromomethane

Concen: 15.64 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBS01

Tot Ion: 94 Resp: 195490

Ion Ratio Lower Upper

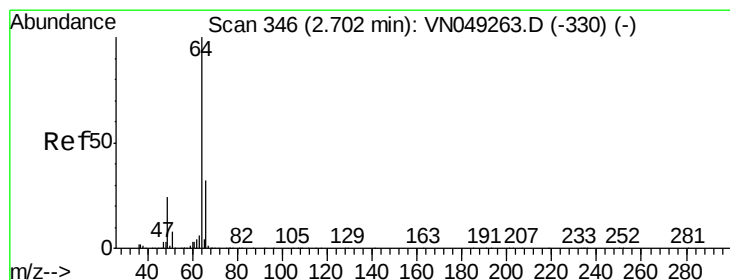
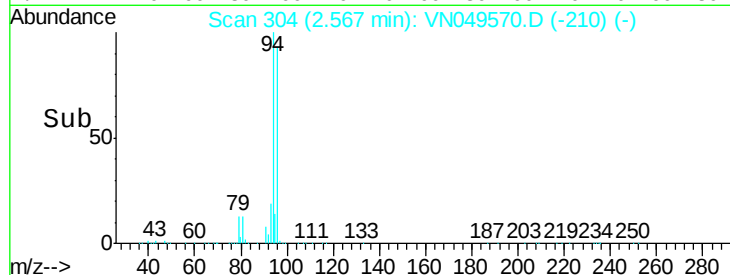
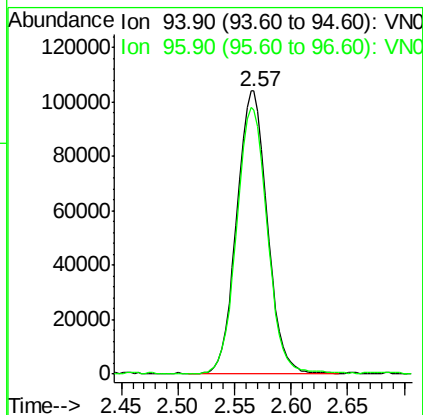
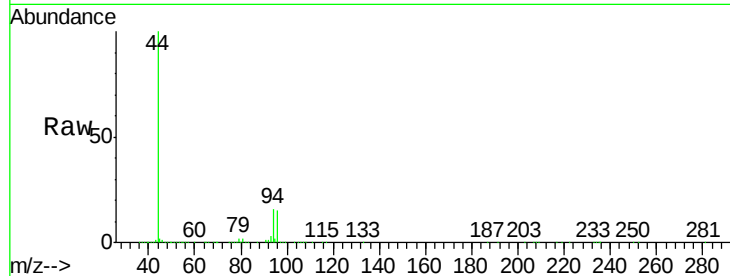
94 100

96 93.7 72.8 109.2

Manual Integrations
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#6

Chloroethane

Concen: 17.06 ug/l

RT: 2.70 min Scan# 345

Delta R.T. -0.00 min

Lab File: VN049570.D

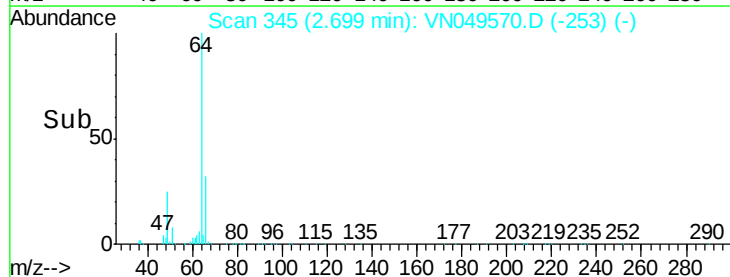
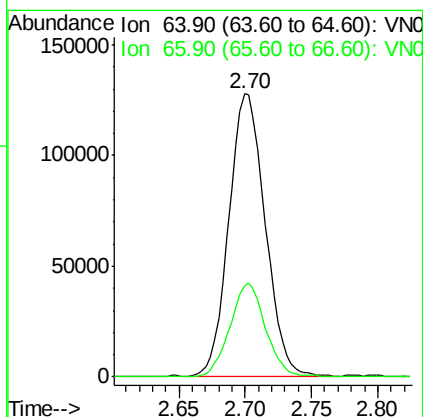
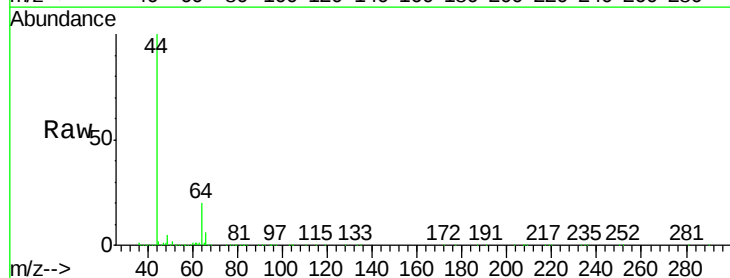
Acq: 27 Jun 2018 14:22

Tgt Ion: 64 Resp: 241896

Ion Ratio Lower Upper

64 100

66 32.2 25.6 38.4





#7

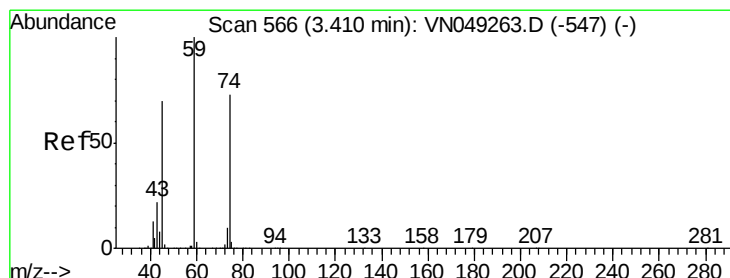
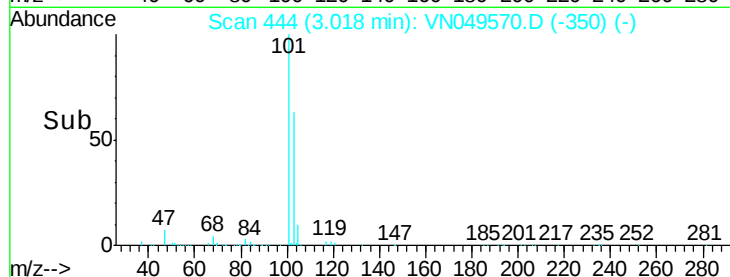
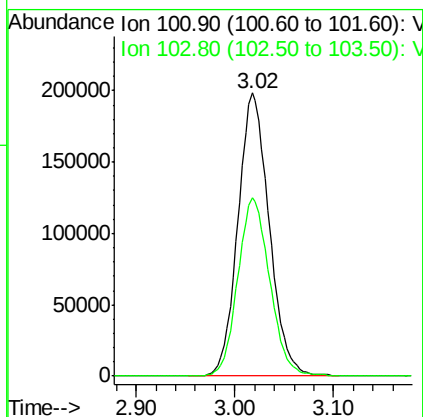
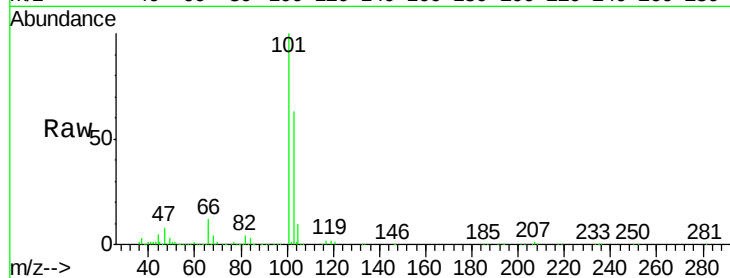
Trichlorofluoromethane
Concen: 14.70 ug/l
RT: 3.02 min Scan# 444
Delta R.T. 0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Instrument :
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ClientSampleId :
VN0627WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	51.7	77.5

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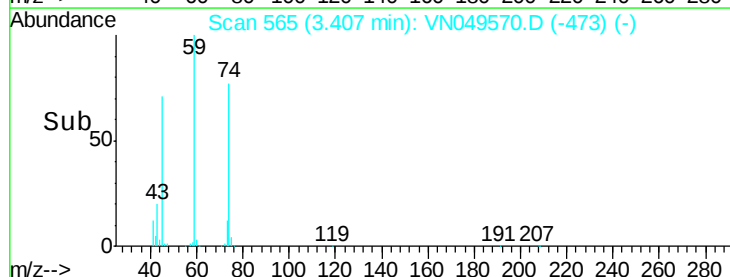
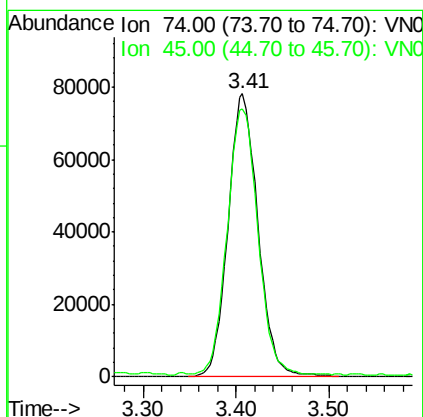
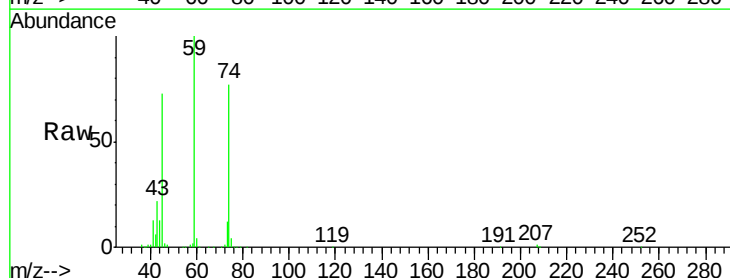
MMDadoda
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#8

Diethyl Ether
Concen: 16.92 ug/l
RT: 3.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.7	51.9	155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.91 ug/l

RT: 3.76 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

Instrument :

MSVOA_N

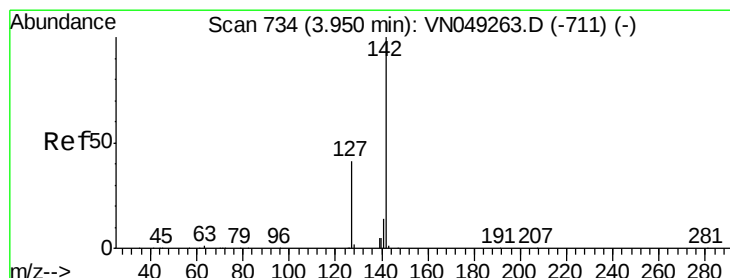
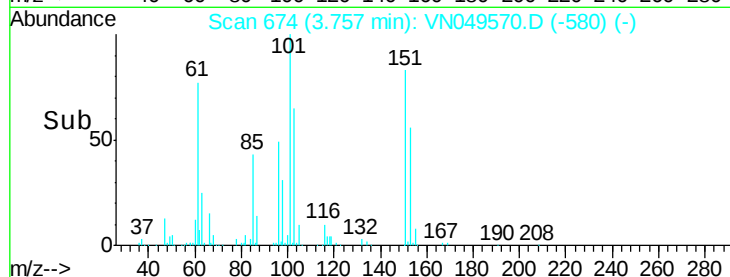
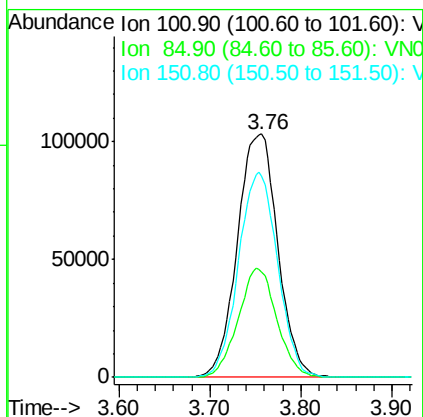
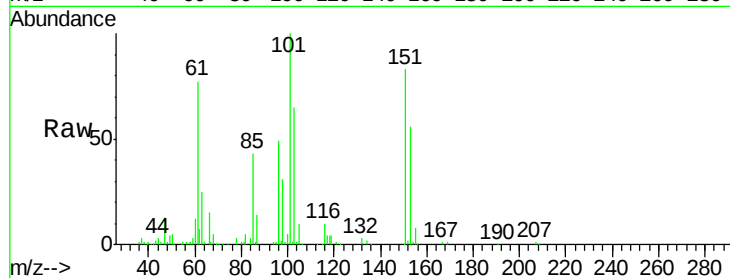
ClientSampleId :

VN0627WBS01

Tot Ion:	101	Resp:	318187
Ion Ratio	Lower	Upper	
101	100		
85	43.0	37.6	56.4
151	81.7	61.1	91.7

Manual Integrations
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#10

Methyl Iodide

Concen: 20.62 ug/l

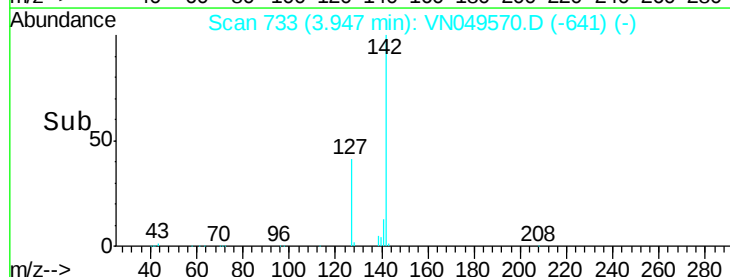
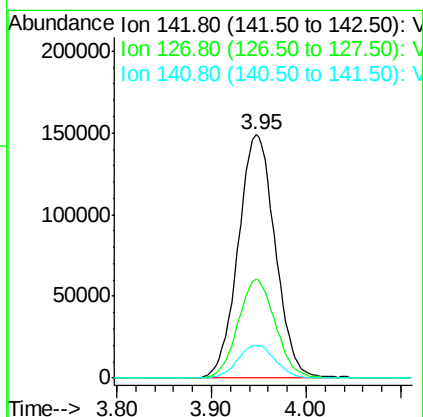
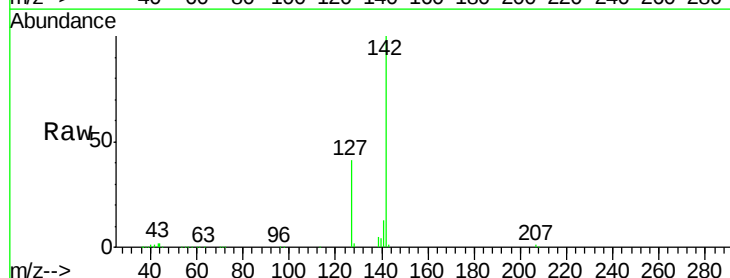
RT: 3.95 min Scan# 733

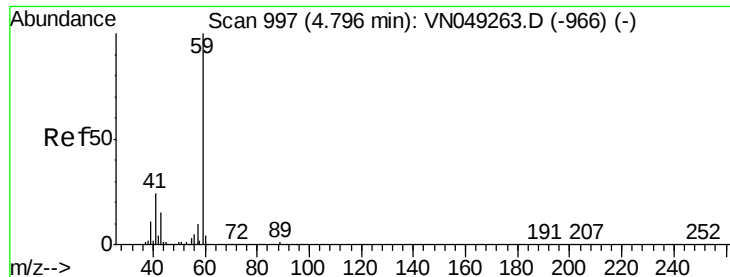
Delta R.T. -0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

Tgt Ion:	142	Resp:	403975
Ion Ratio	Lower	Upper	
142	100		
127	41.1	38.2	57.4
141	13.8	11.9	17.9





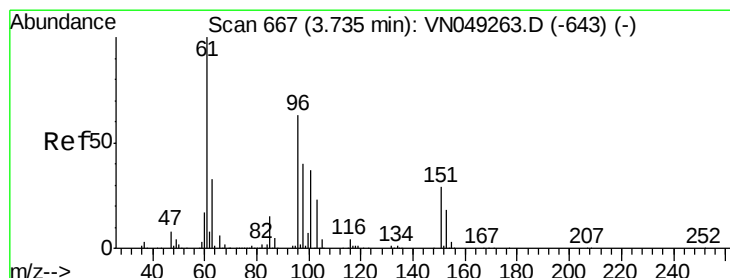
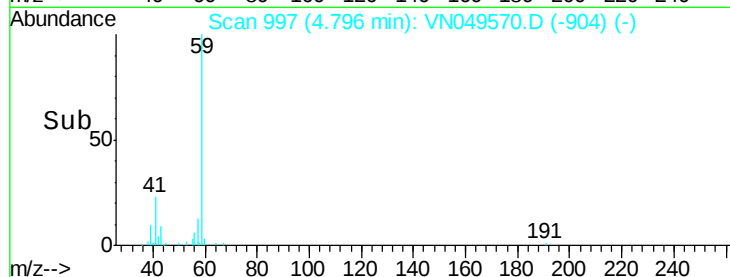
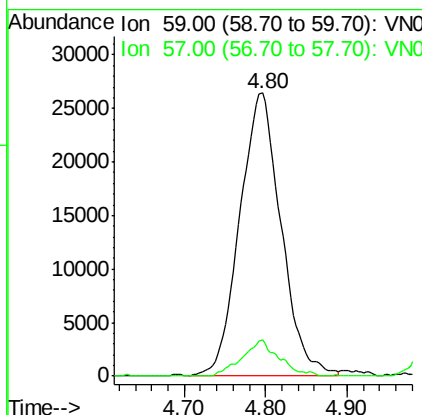
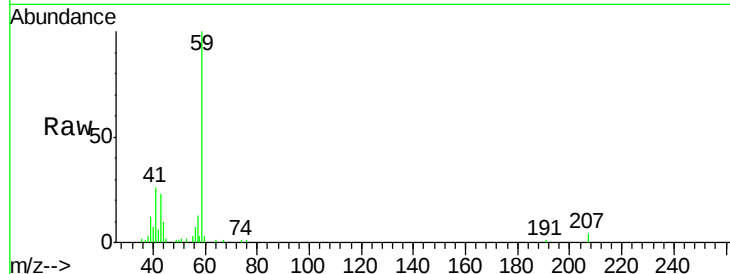
#11
Tert butyl alcohol
Concen: 79.31 ug/l
RT: 4.80 min Scan# 997
Delta R.T. -0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.3	9.0	13.6

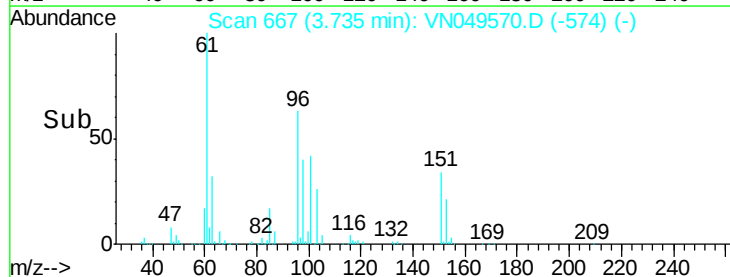
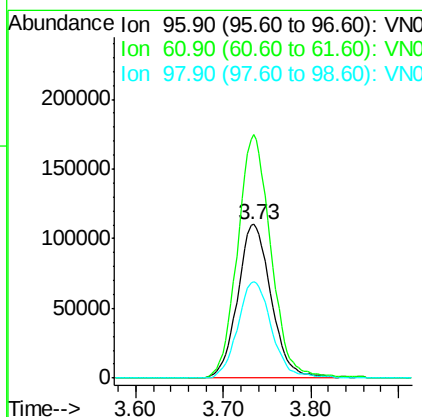
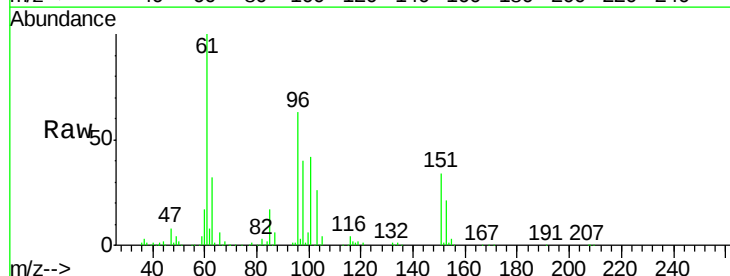
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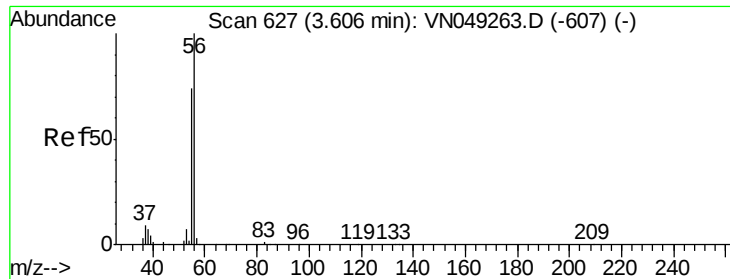
MMDadoda
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#12
1,1-Dichloroethene
Concen: 17.05 ug/l
RT: 3.73 min Scan# 667
Delta R.T. -0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.2	141.0	211.4
98	62.7	50.4	75.6





#13

Acrolein

Concen: 101.87 ug/l

RT: 3.60 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBS01

Tot Ion: 56 Resp: 125220

Ion Ratio Lower Upper

56 100

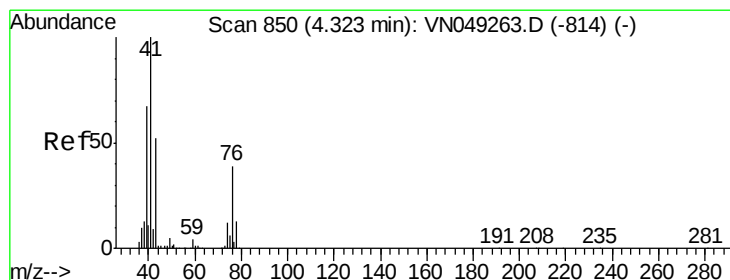
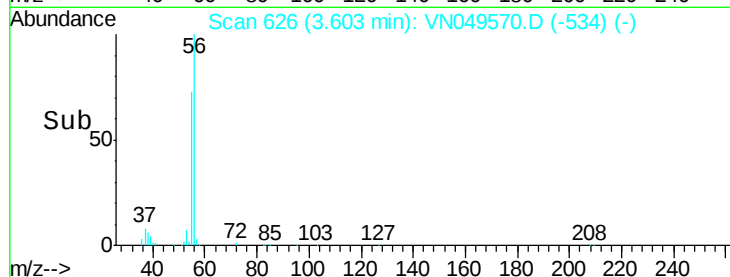
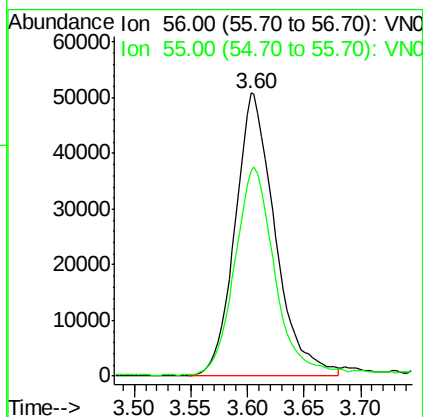
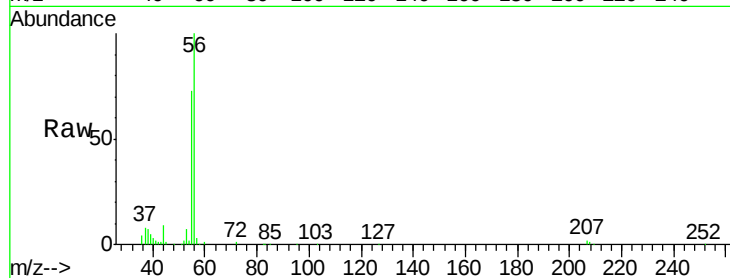
55 73.4 57.1 85.7

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#14

Allyl chloride

Concen: 14.39 ug/l

RT: 4.32 min Scan# 850

Delta R.T. -0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

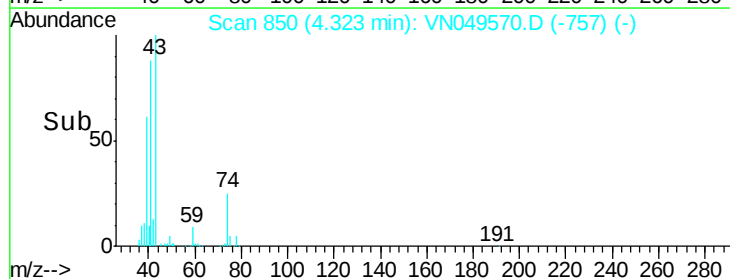
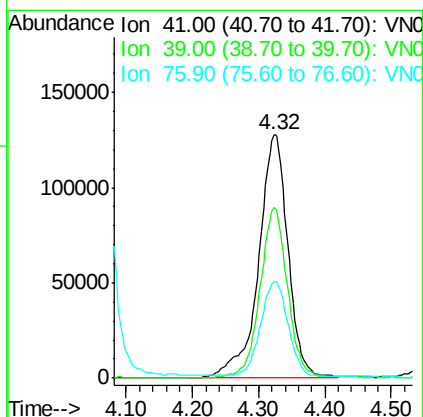
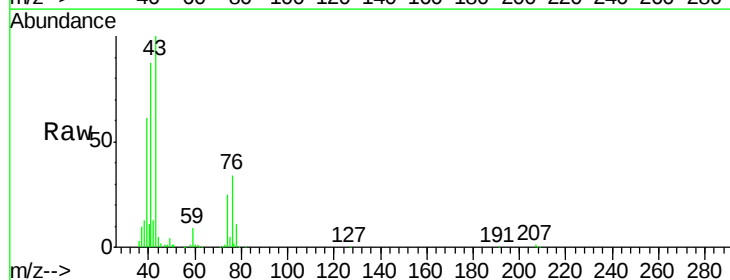
Tgt Ion: 41 Resp: 392271

Ion Ratio Lower Upper

41 100

39 65.3 62.5 93.7

76 37.1 27.1 40.7





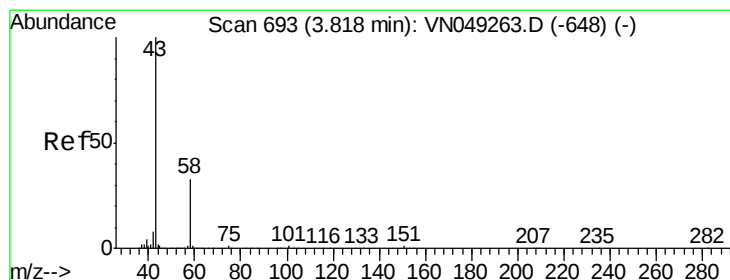
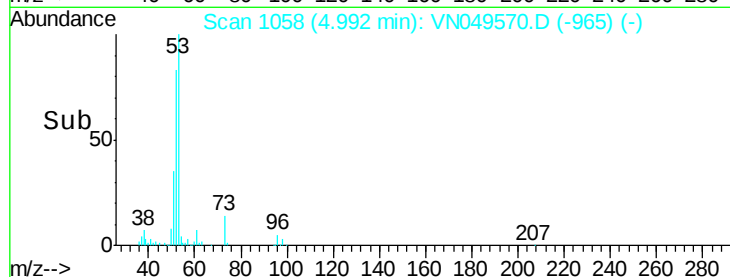
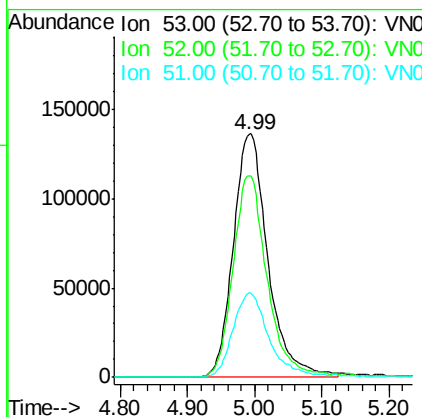
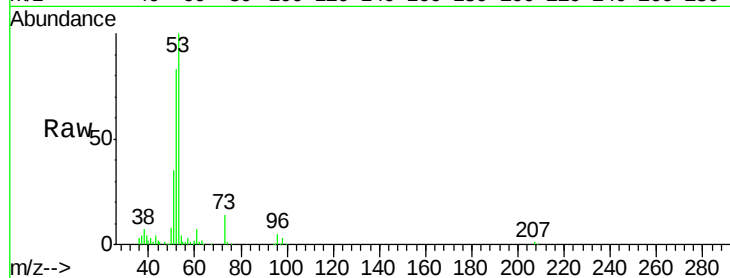
#15
 Acrylonitrile
 Concen: 83.09 ug/l
 RT: 4.99 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: VN049570.D
 Acq: 27 Jun 2018 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBS01

Tot Ion:	53	Resp:	486990
Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.6	100.0
51	36.2	29.8	44.8

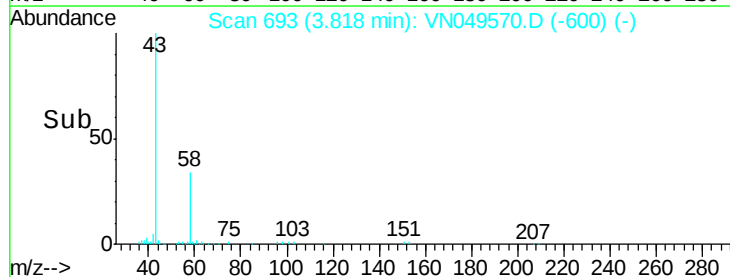
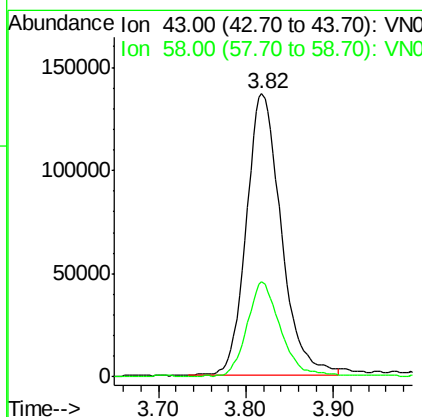
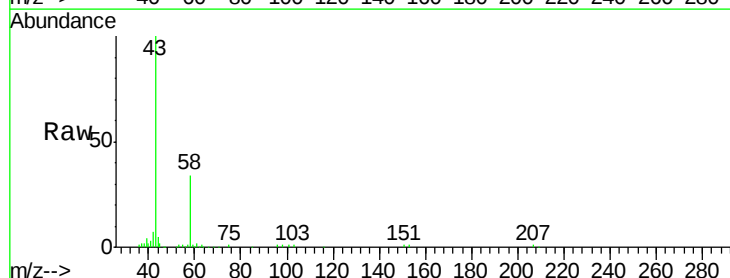
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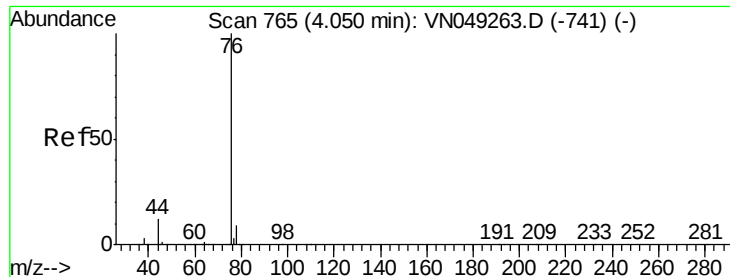
MMDadoda
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#16
 Acetone
 Concen: 77.63 ug/l
 RT: 3.82 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: VN049570.D
 Acq: 27 Jun 2018 14:22

Tgt Ion:	43	Resp:	376412
Ion	Ratio	Lower	Upper
43	100		
58	33.8	22.4	33.6#





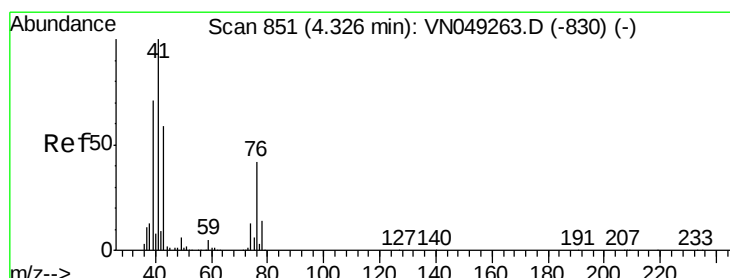
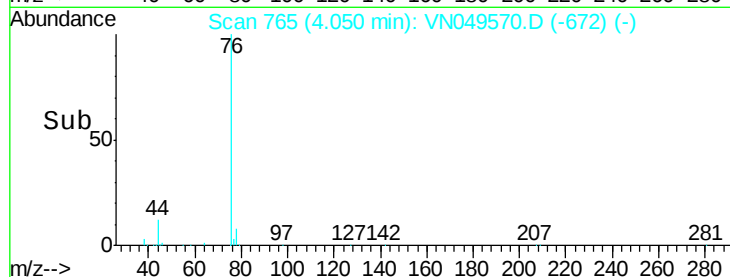
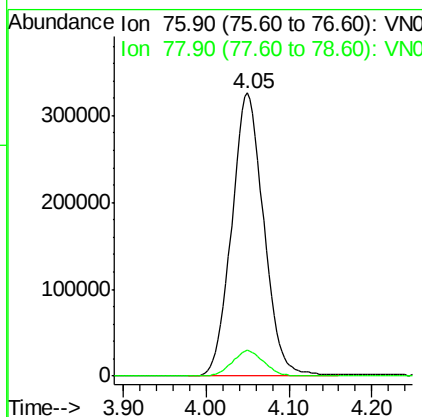
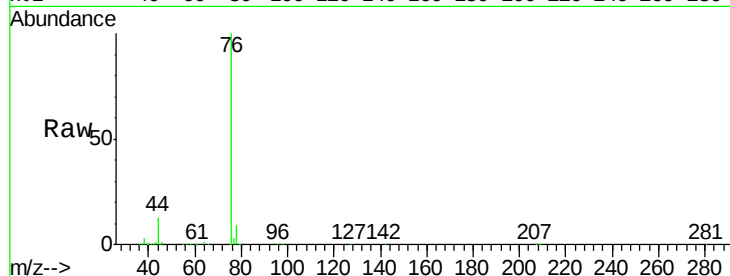
#17
Carbon Disulfide
Concen: 16.25 ug/l
RT: 4.05 min Scan# 765
Delta R.T. -0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0

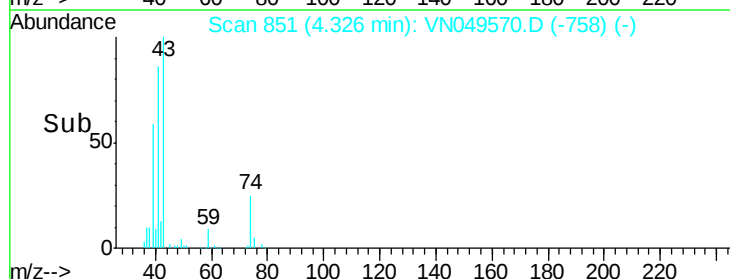
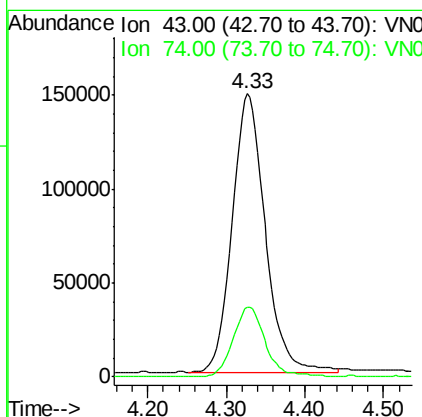
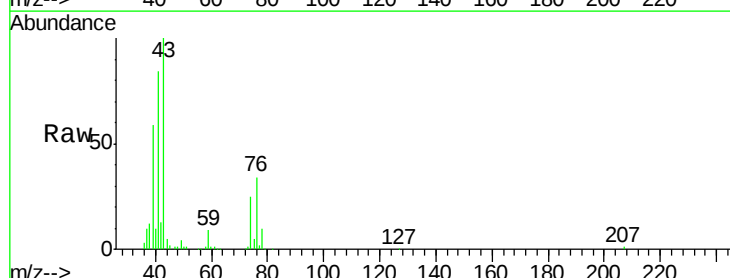
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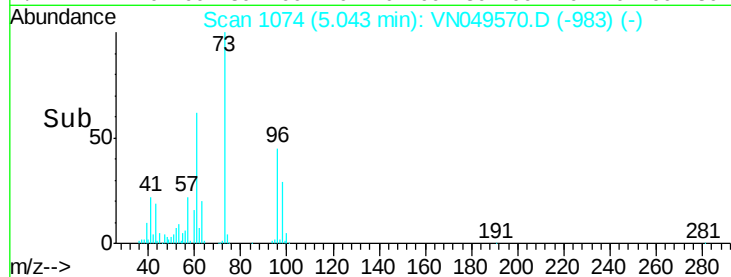
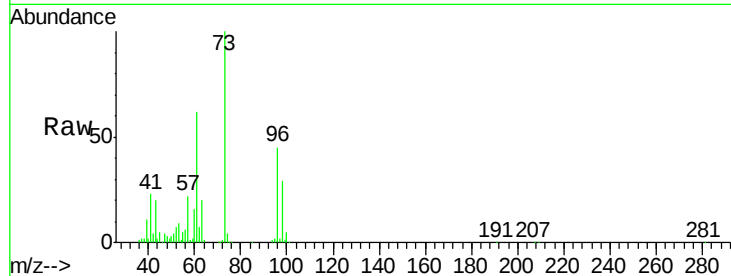
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#18
Methyl Acetate
Concen: 29.41 ug/l
RT: 4.33 min Scan# 851
Delta R.T. -0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	17.4	26.0





#19

Methyl tert-butyl Ether

Concen: 17.40 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

Tot Ion: 73 Resp: 765885

Ion Ratio Lower Upper

73 100

57 22.2 18.2 27.4

Instrument :

MSVOA_N

ClientSampleId :

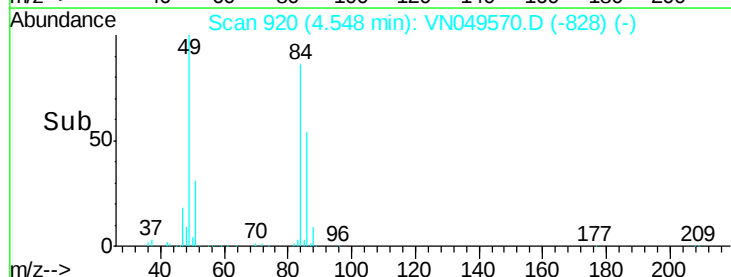
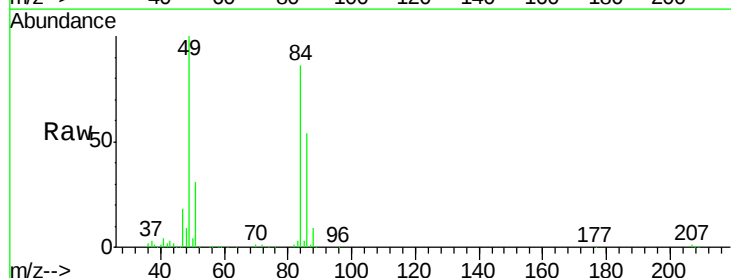
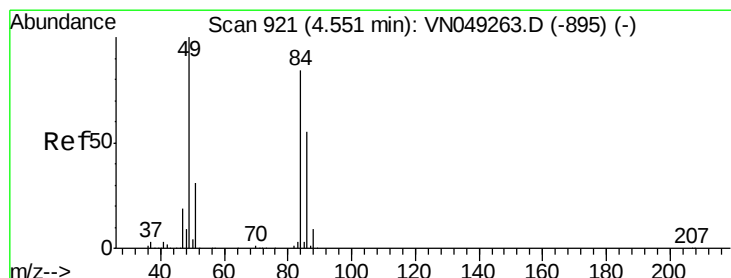
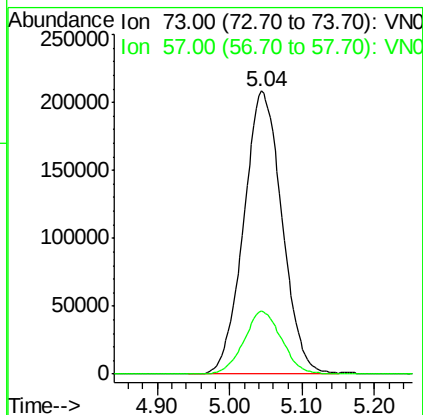
VN0627WBS01

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6/28/2018 4:38:09 PM



#20

Methylene Chloride

Concen: 16.39 ug/l

RT: 4.55 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

Tgt Ion: 84 Resp: 331989

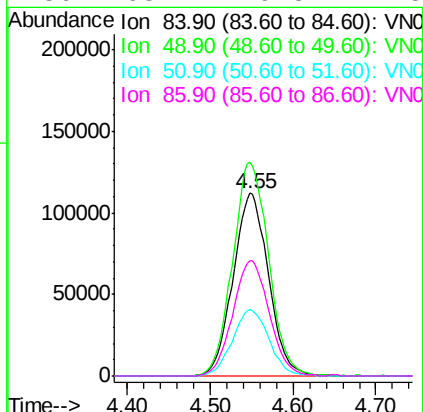
Ion Ratio Lower Upper

84 100

49 116.7 106.9 160.3

51 36.1 32.7 49.1

86 63.2 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 16.97 ug/l

RT: 5.04 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

Instrument :

MSVOA_N

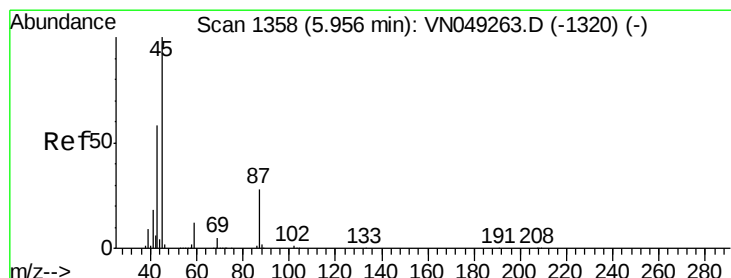
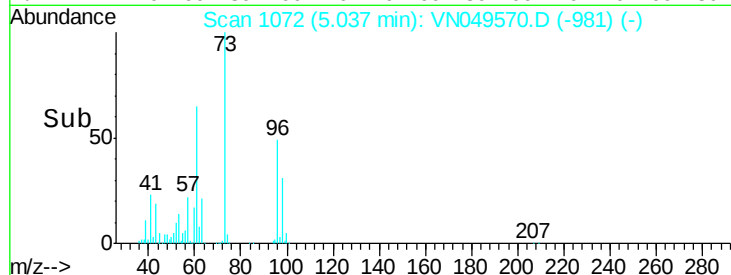
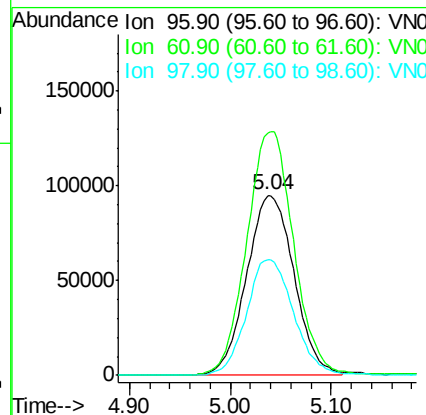
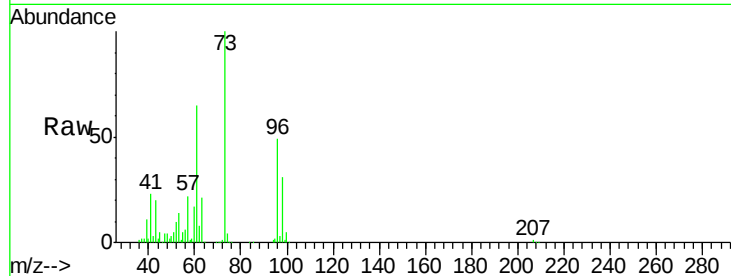
ClientSampleId :

VN0627WBS01

Tot Ion:	96	Resp:	310253
Ion	Ratio	Lower	Upper
96	100		
61	134.4	121.3	181.9
98	64.3	52.0	78.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 17.32 ug/l

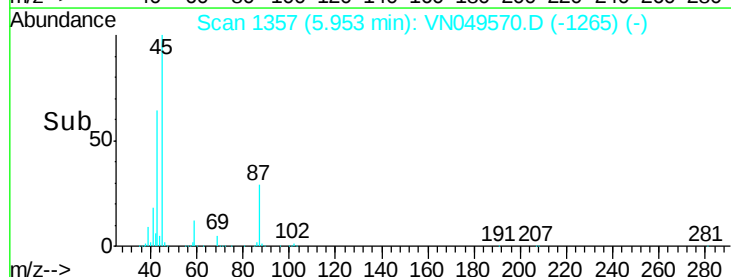
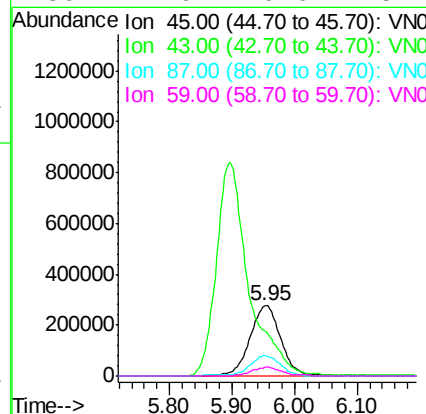
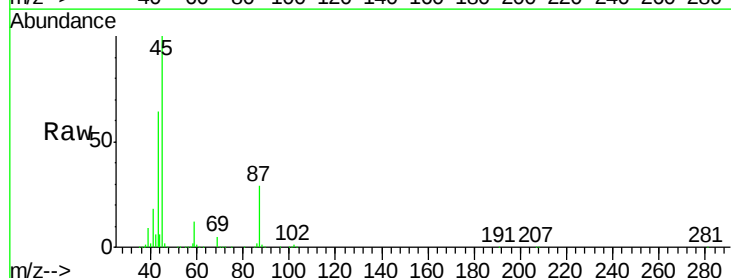
RT: 5.95 min Scan# 1357

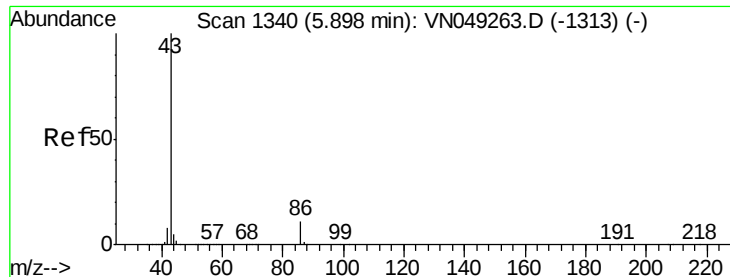
Delta R.T. -0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

Tgt Ion:	45	Resp:	942815
Ion	Ratio	Lower	Upper
45	100		
43	61.8	48.6	72.8
87	28.6	20.2	30.2
59	11.9	9.0	13.4





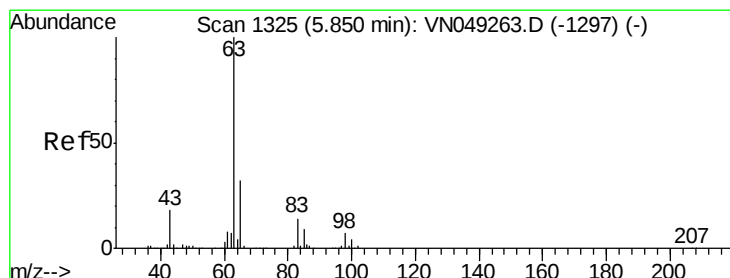
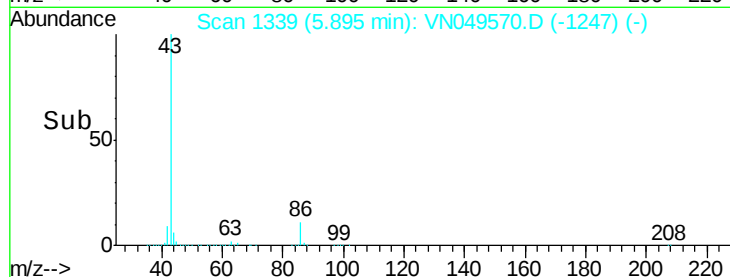
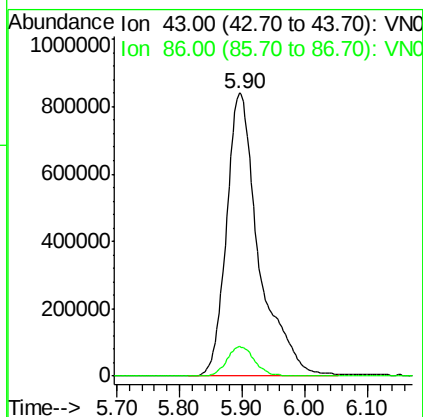
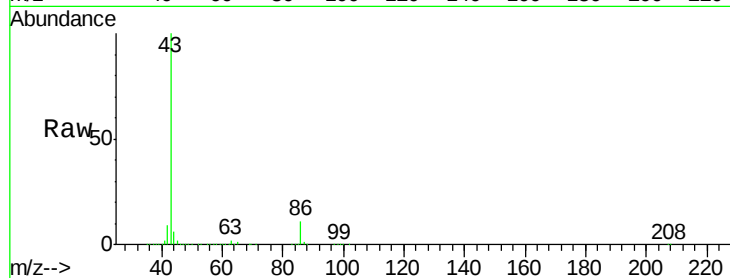
#23
 Vinyl Acetate
 Concen: 84.81 ug/l
 RT: 5.90 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: VN049570.D
 Acq: 27 Jun 2018 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBS01

Tot Ion: 43 Resp: 3009836
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.2 10.8

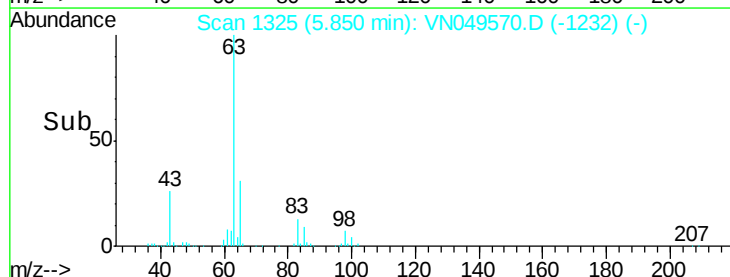
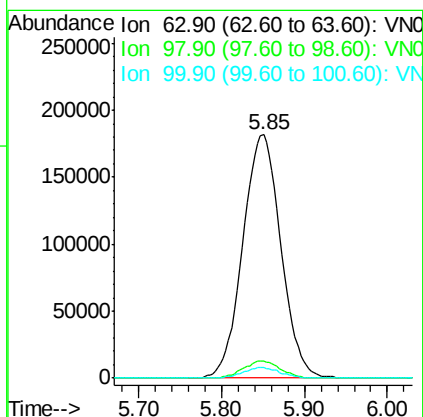
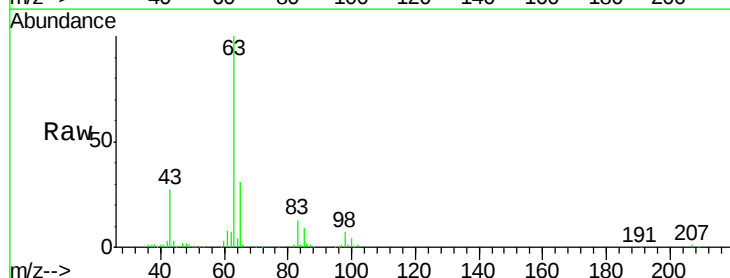
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#24
 1,1-Dichloroethane
 Concen: 16.66 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: VN049570.D
 Acq: 27 Jun 2018 14:22

Tgt Ion: 63 Resp: 580351
 Ion Ratio Lower Upper
 63 100
 98 6.8 2.9 8.8
 100 4.2 2.1 6.3





#25

2-Butanone

Concen: 78.40 ug/l

RT: 6.84 min Scan# 1632

Delta R.T. -0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBS01

Tot Ion: 43 Resp: 510505

Ion Ratio Lower Upper

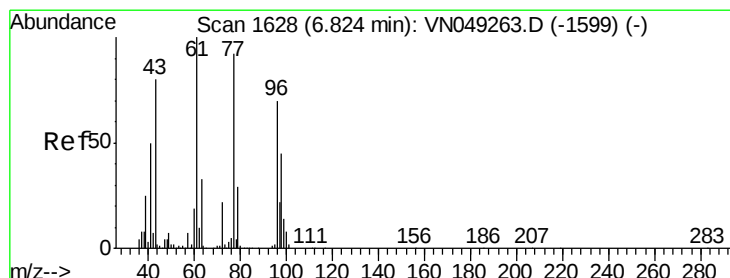
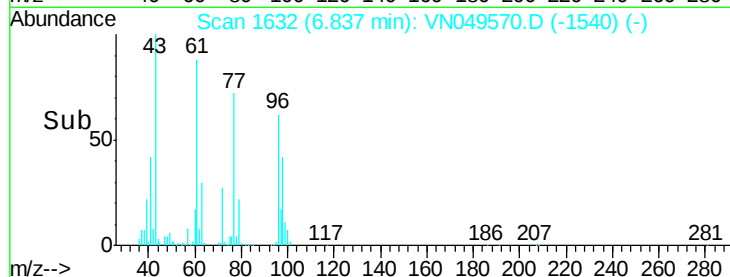
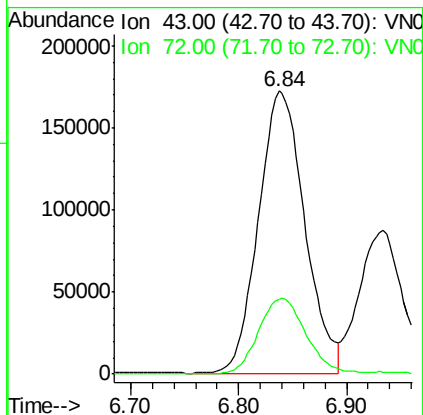
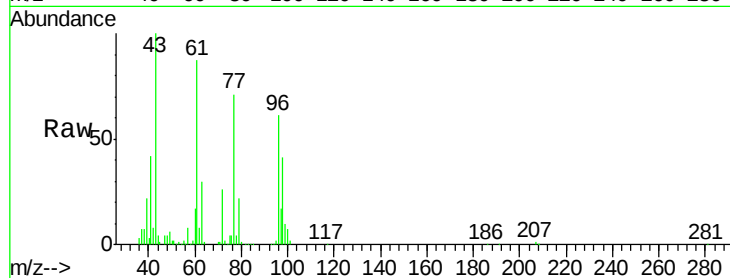
43 100

72 26.6 20.2 30.2

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#26

2,2-Dichloropropane

Concen: 17.00 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VN049570.D

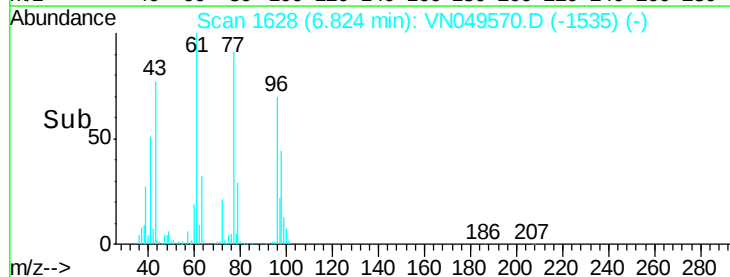
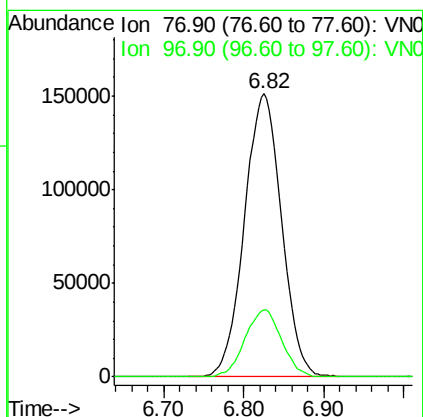
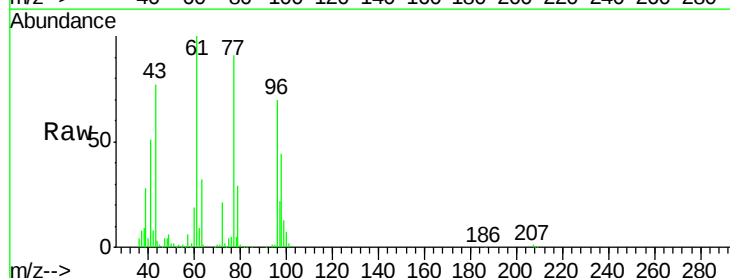
Acq: 27 Jun 2018 14:22

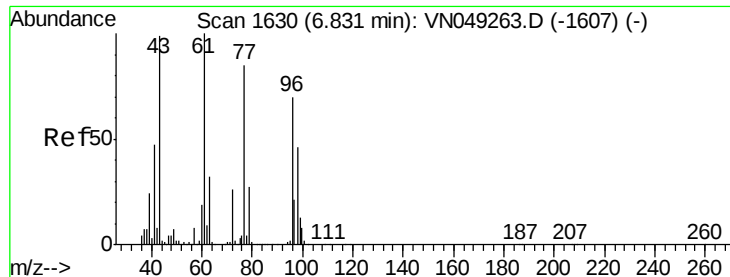
Tgt Ion: 77 Resp: 478420

Ion Ratio Lower Upper

77 100

97 23.4 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 17.17 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

Instrument :

MSVOA_N

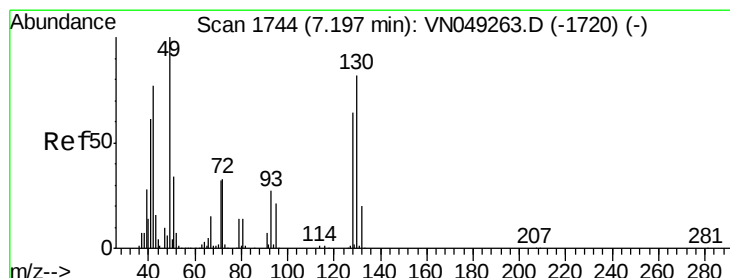
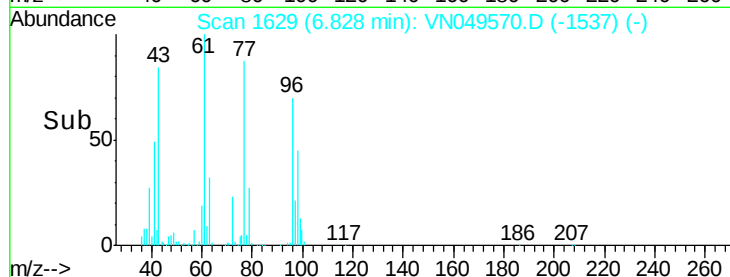
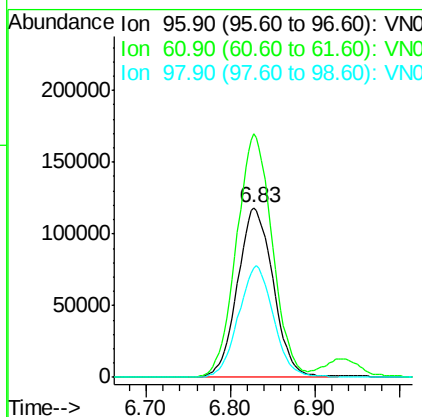
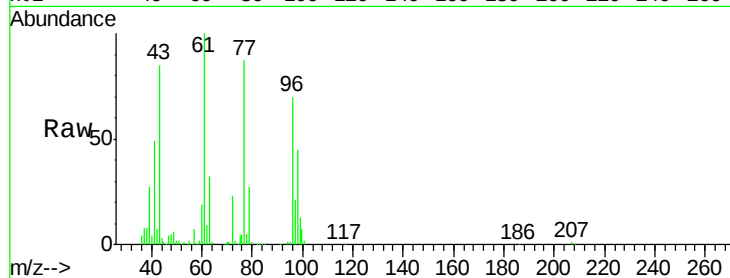
ClientSampleId :

VN0627WBS01

Tot Ion:	96	Resp:	348922
Ion Ratio	Lower	Upper	
96	100		
61	143.7	0.0	316.4
98	64.4	0.0	128.4

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#28

Bromochloromethane

Concen: 15.61 ug/l

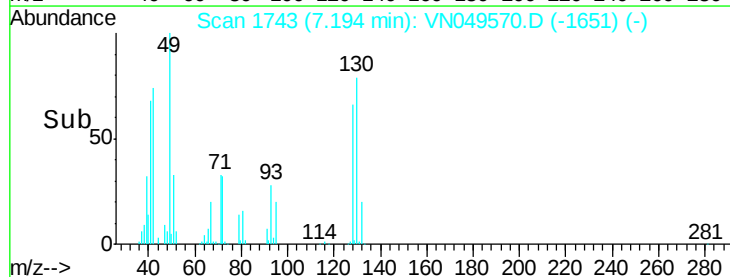
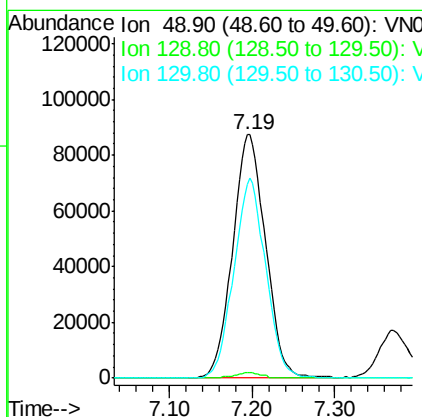
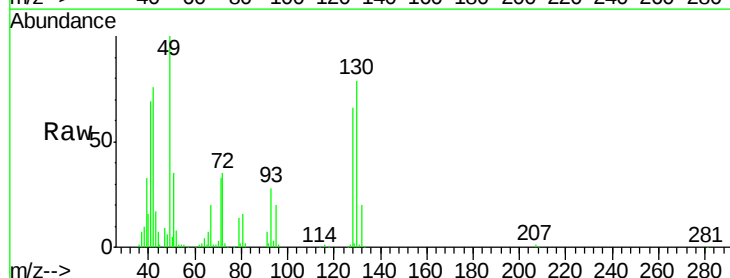
RT: 7.19 min Scan# 1743

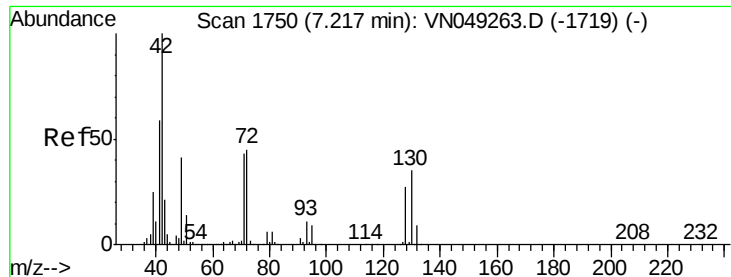
Delta R.T. -0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

Tgt Ion:	49	Resp:	241058
Ion Ratio	Lower	Upper	
49	100		
129	1.9	0.0	3.8
130	79.4	54.9	82.3





#29

Tetrahydrofuran

Concen: 85.00 ug/l

RT: 7.21 min Scan# 1749

Delta R.T. -0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

Instrument :

MSVOA_N

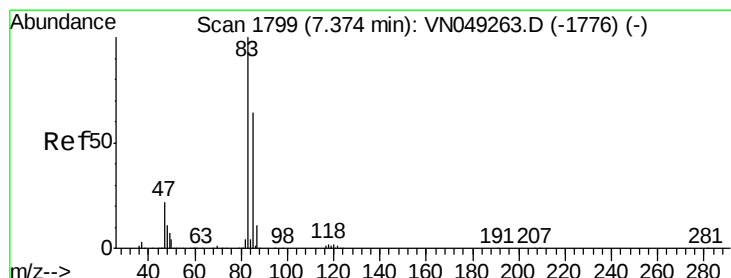
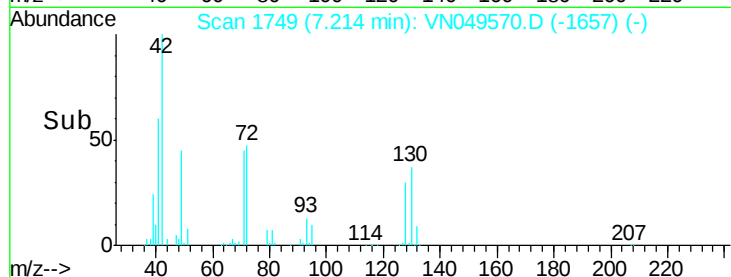
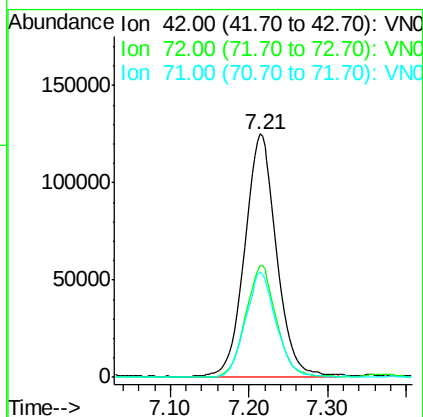
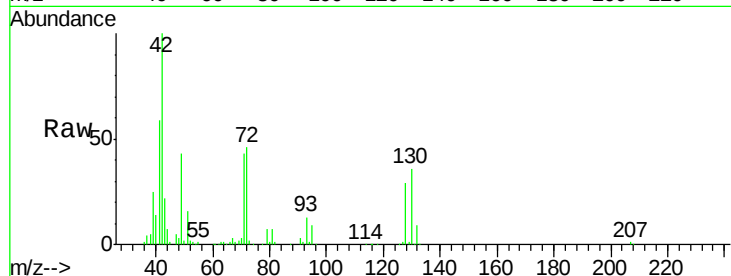
ClientSampleId :

VN0627WBS01

Tot Ion:	42	Resp:	356248
Ion Ratio		Lower	Upper
42	100		
72	44.2	32.2	48.4
71	41.9	30.5	45.7

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#30

Chloroform

Concen: 16.96 ug/l

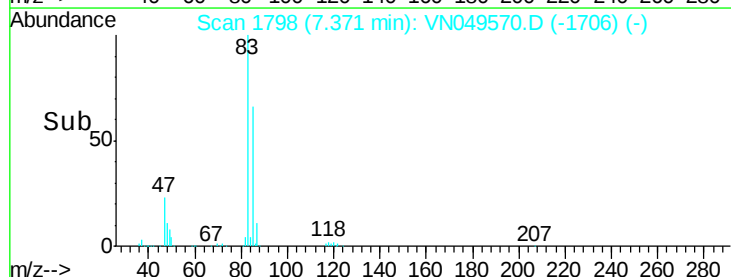
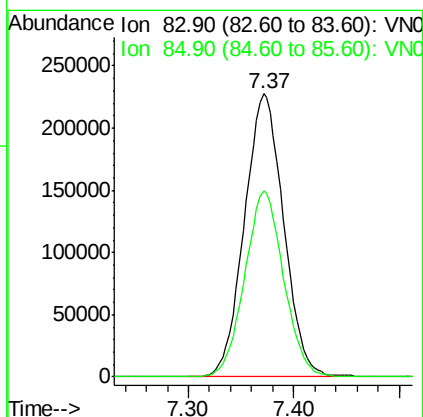
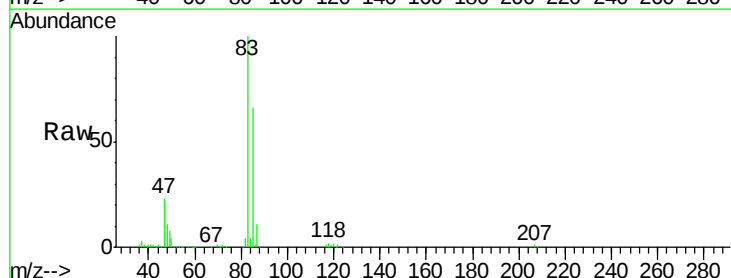
RT: 7.37 min Scan# 1798

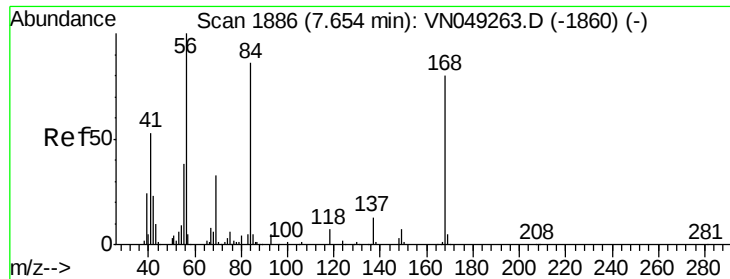
Delta R.T. -0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

Tgt Ion:	83	Resp:	588040
Ion Ratio		Lower	Upper
83	100		
85	65.8	51.7	77.5





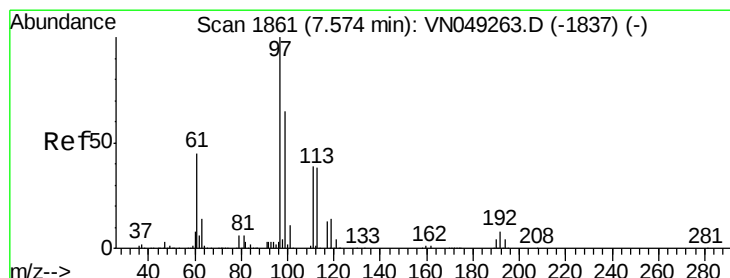
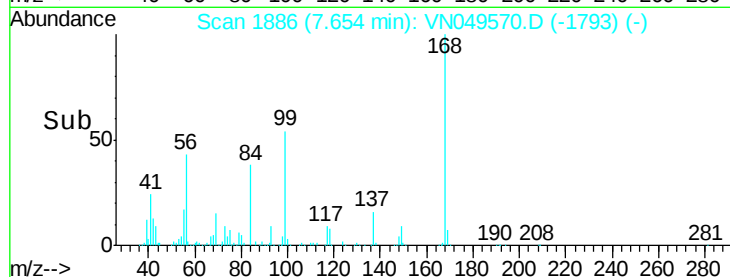
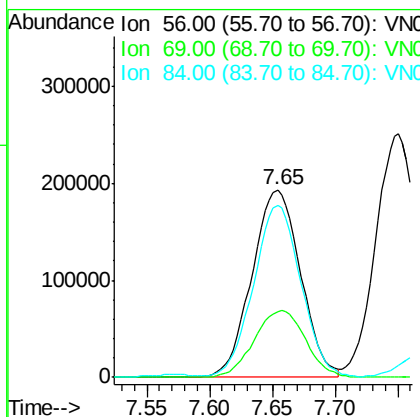
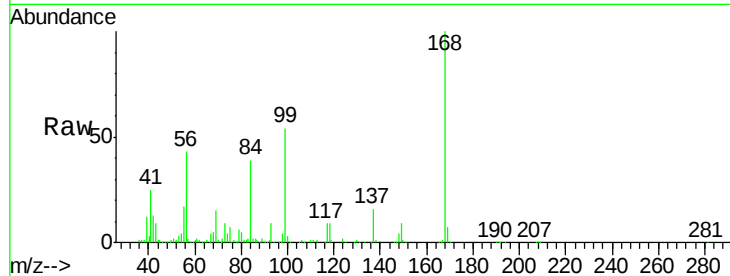
#31
Cyclohexane
Concen: 17.49 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.0	25.0	37.4
84	90.9	64.6	96.8

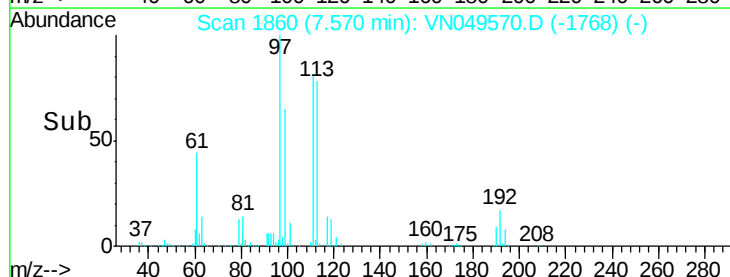
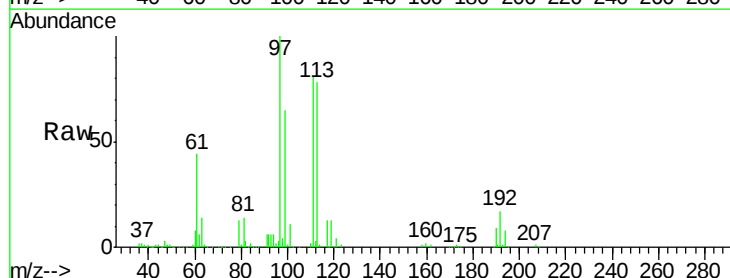
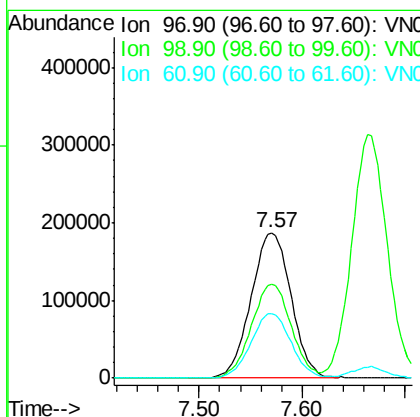
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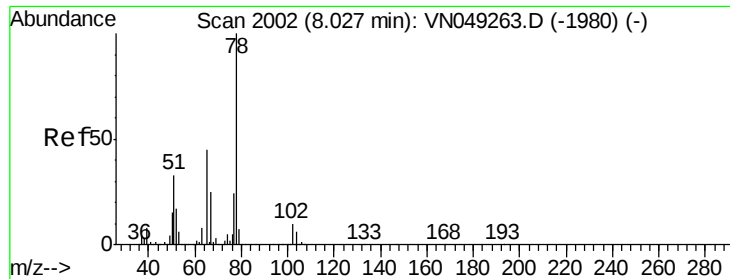
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#32
1,1,1-Trichloroethane
Concen: 17.02 ug/l
RT: 7.57 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.5	75.7
61	44.5	37.9	56.9





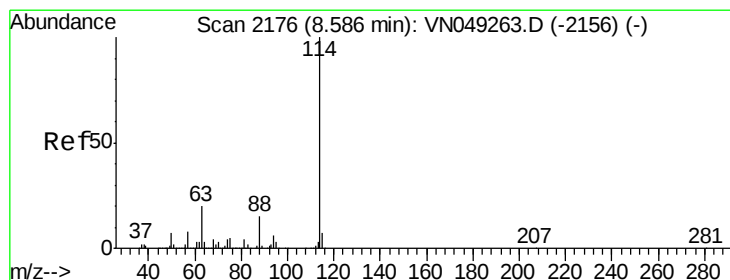
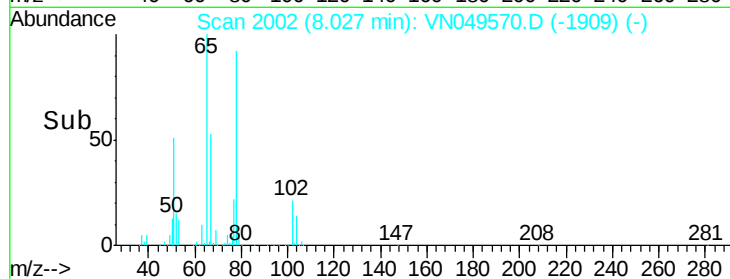
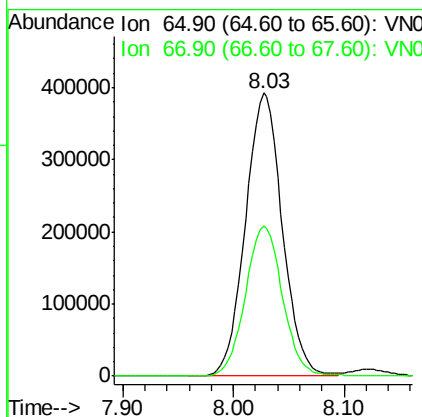
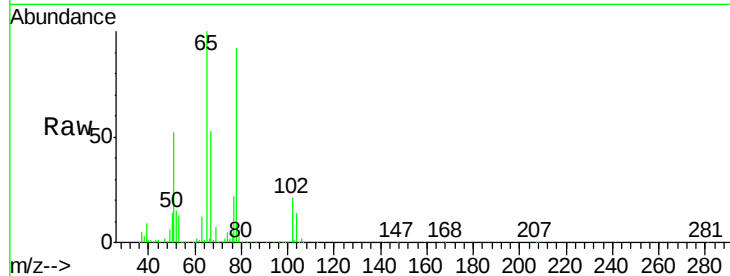
#33
 1,2-Dichloroethane-d4
 Concen: 45.55 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049570.D
 Acq: 27 Jun 2018 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.6	0.0	103.8	

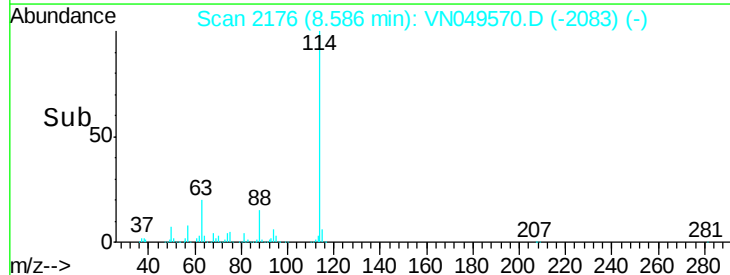
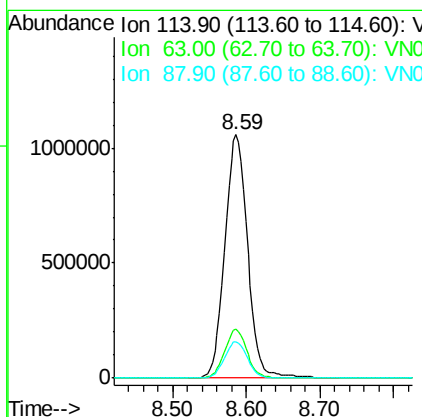
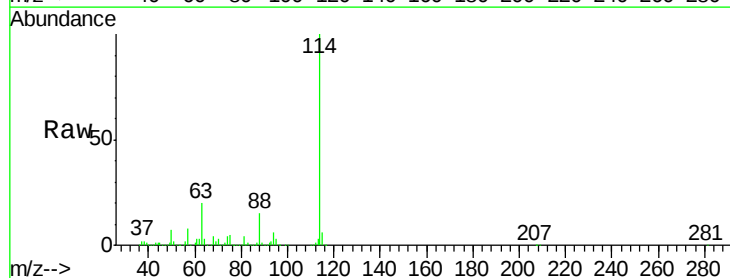
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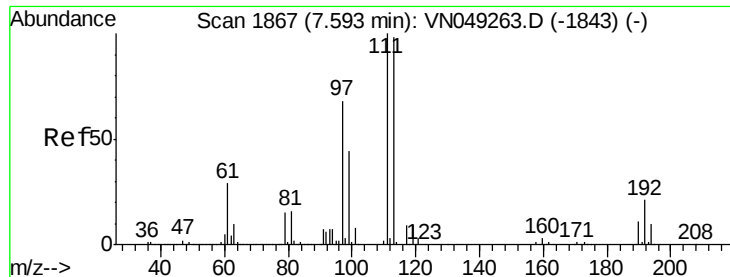
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049570.D
 Acq: 27 Jun 2018 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.0	0.0	44.4	
88	14.8	0.0	31.4	





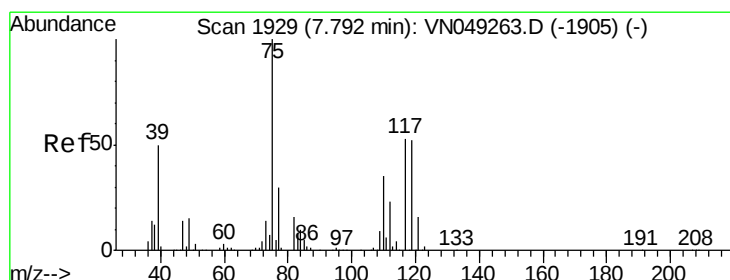
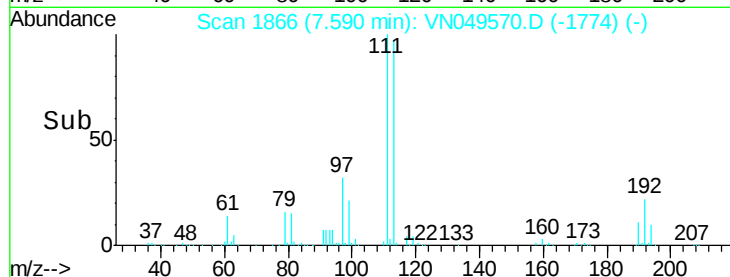
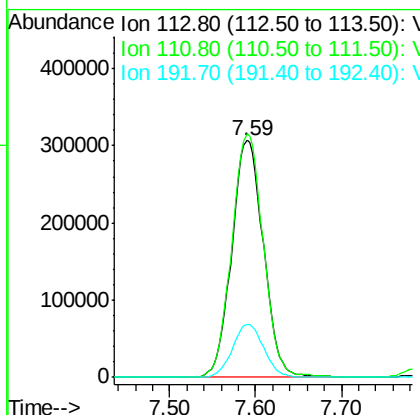
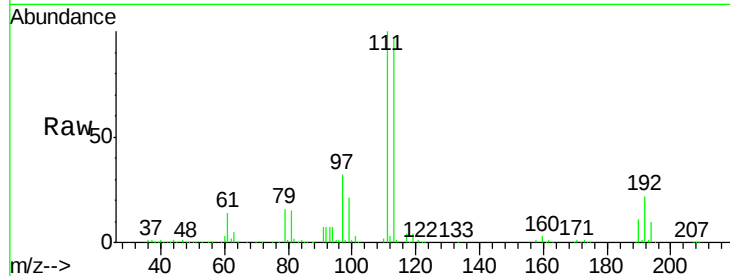
#35
 Dibromofluoromethane
 Concen: 42.71 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049570.D
 Acq: 27 Jun 2018 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.5	82.4	123.6	
192	22.2	15.0	22.6	

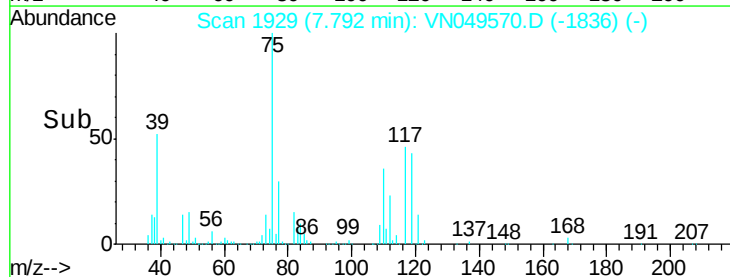
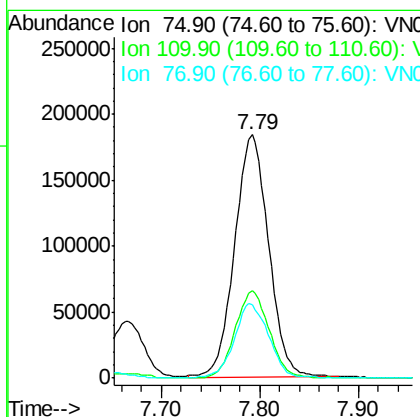
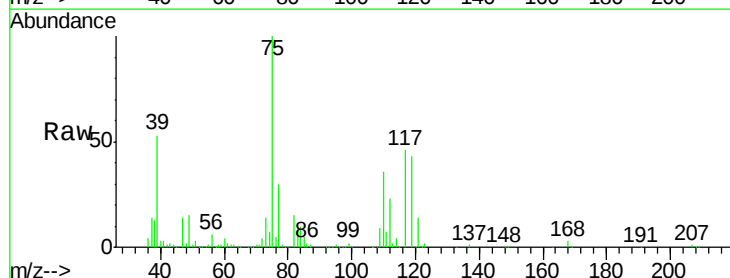
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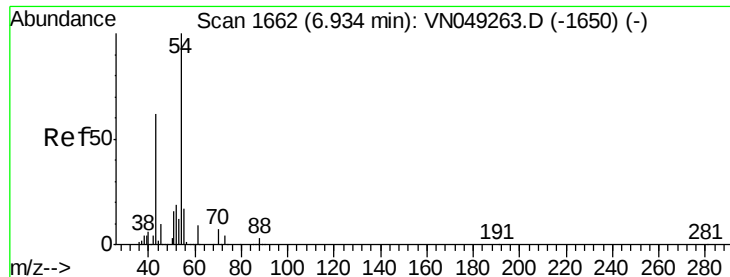
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#36
 1,1-Dichloropropene
 Concen: 16.80 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: VN049570.D
 Acq: 27 Jun 2018 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.1	17.0	50.9	
77	30.7	24.4	36.6	





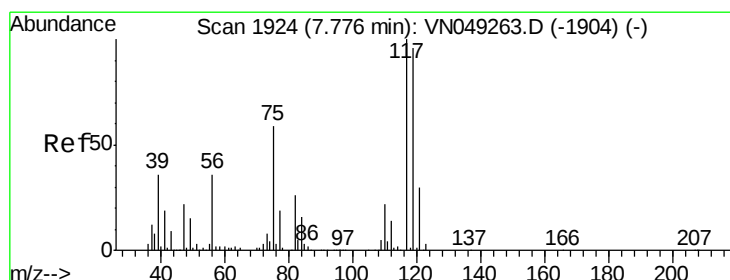
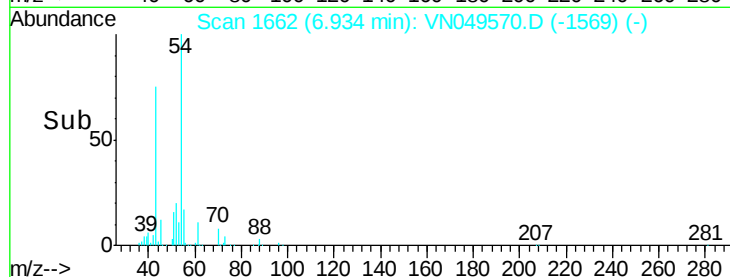
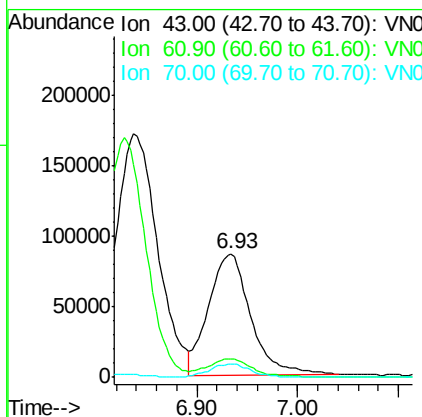
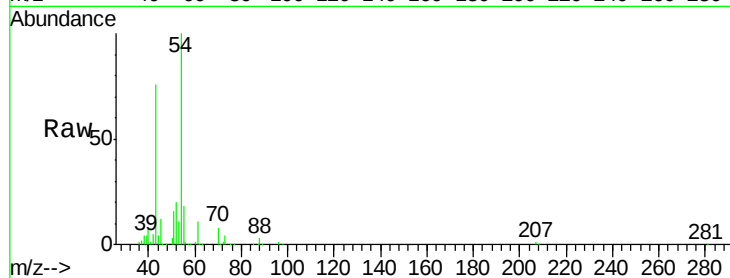
#37
Ethyl Acetate
Concen: 17.53 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.0	16.4
70	10.3	7.2	10.8

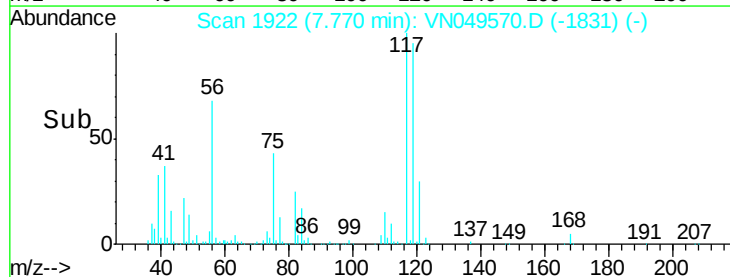
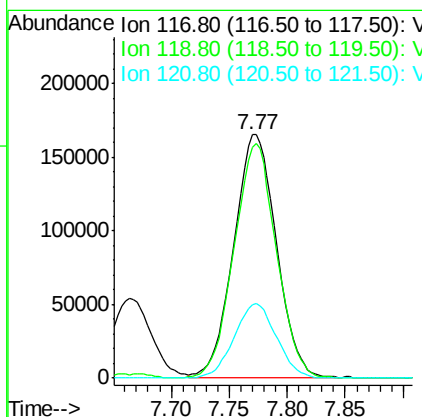
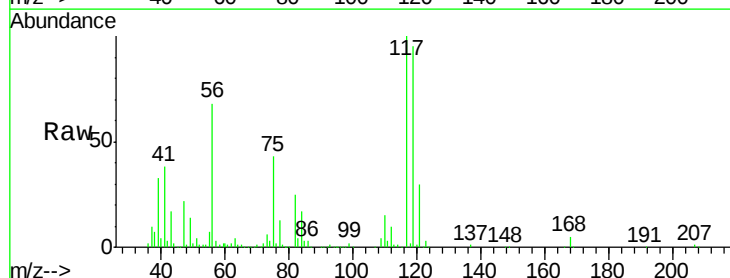
Manual Integrations
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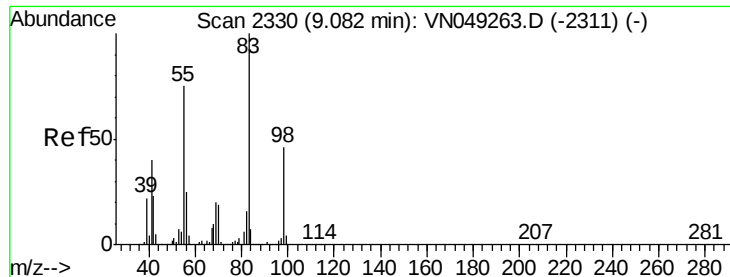
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#38
Carbon Tetrachloride
Concen: 15.56 ug/l
RT: 7.77 min Scan# 1922
Delta R.T. -0.01 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.6	113.4
121	30.0	24.7	37.1





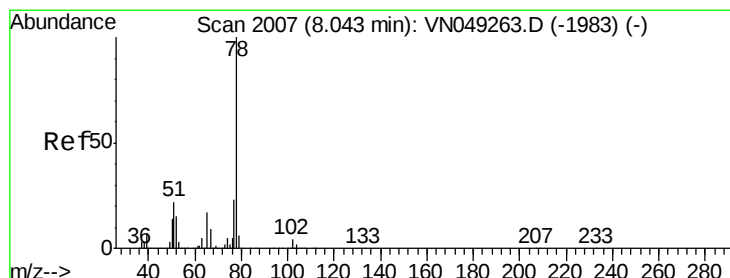
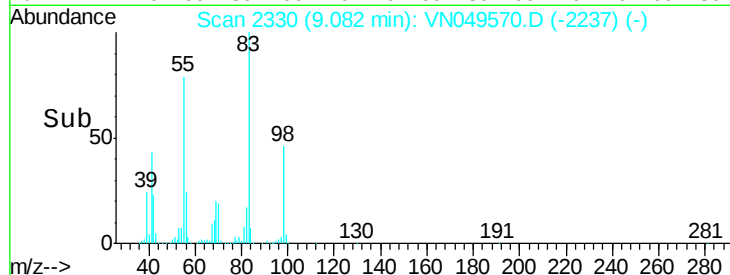
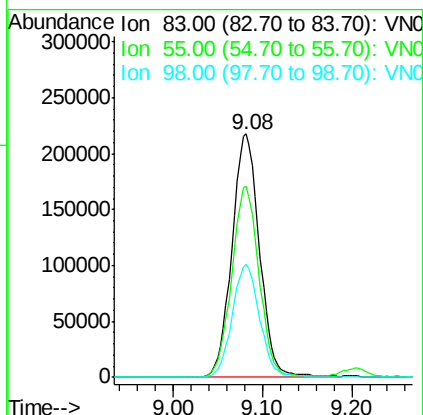
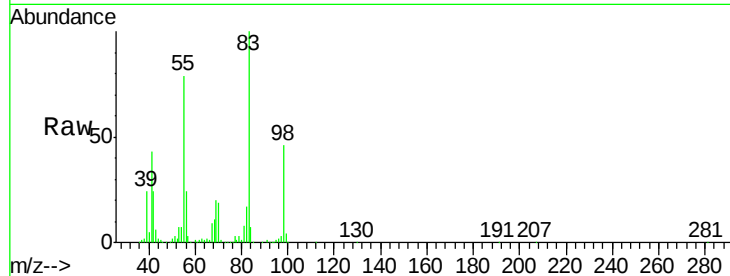
#39
Methvlcvclohexane
Concen: 16.65 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.6	65.1	97.7
98	46.4	36.5	54.7

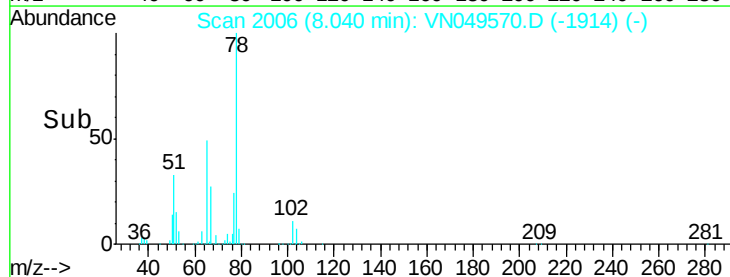
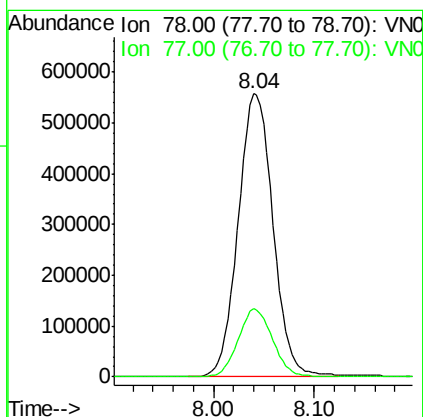
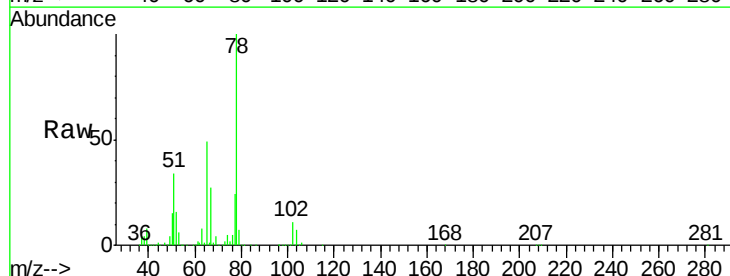
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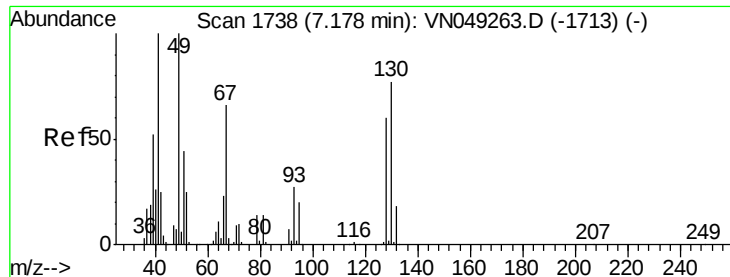
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#40
Benzene
Concen: 16.69 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.4	29.0





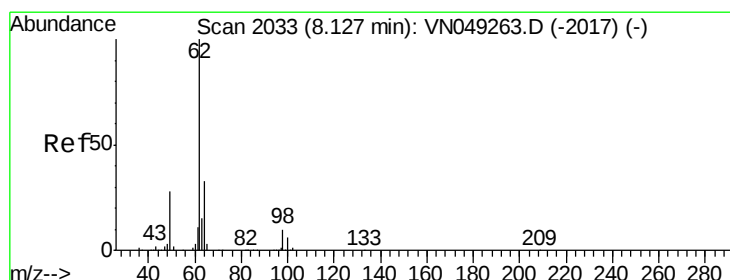
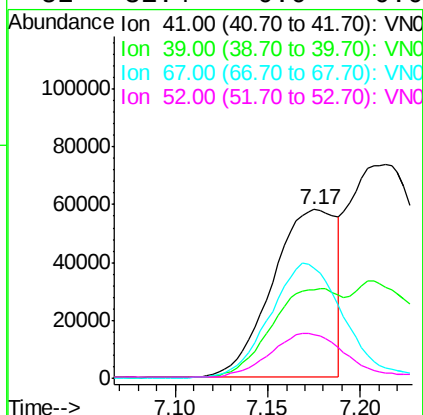
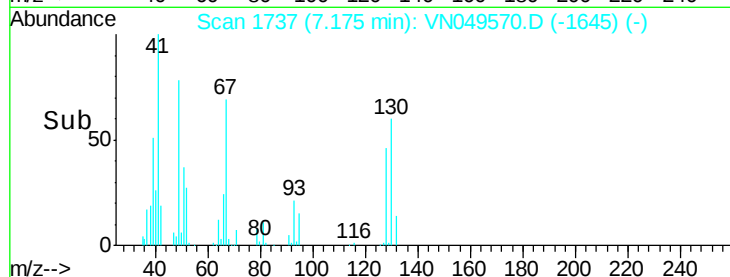
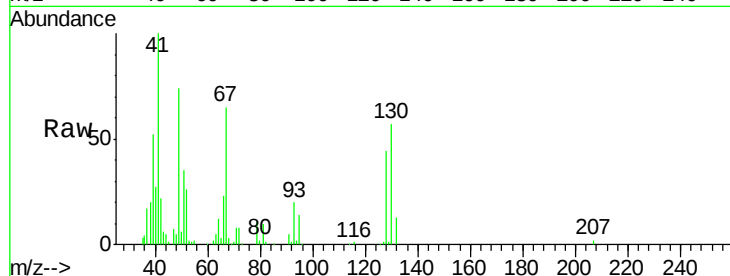
#41
Methacrylonitrile
Concen: 18.22 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.5	0.0	0.0#
67	79.0	0.0	0.0#
52	31.4	0.0	0.0#

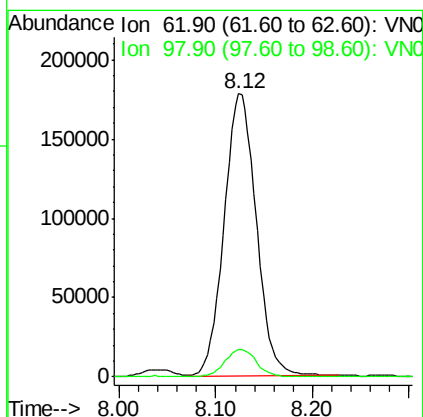
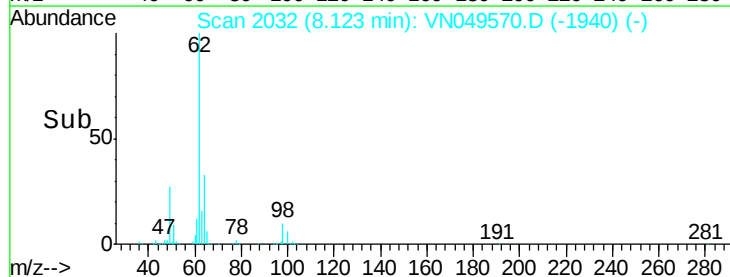
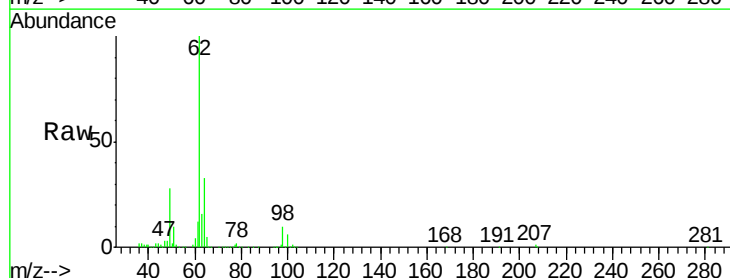
Manual Integrations
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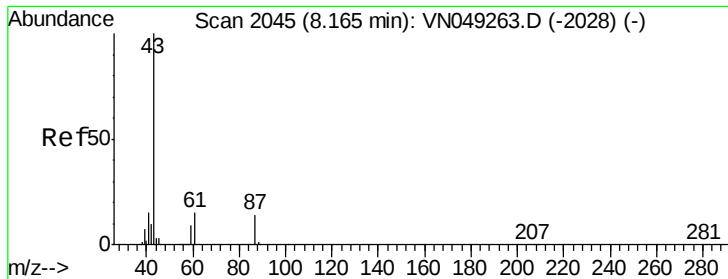
MMDadoda
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#42
1,2-Dichloroethane
Concen: 16.71 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	16.2





#43

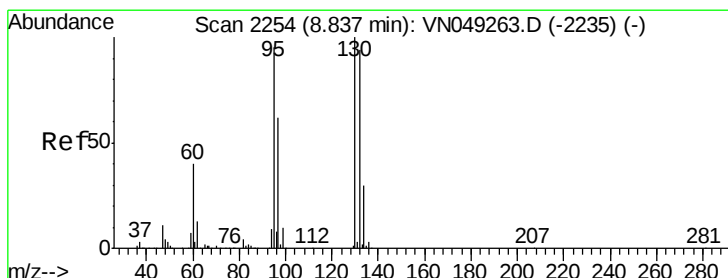
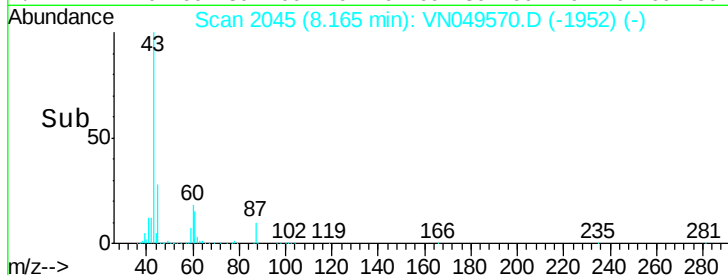
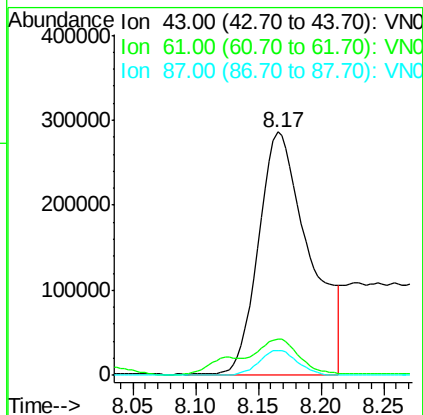
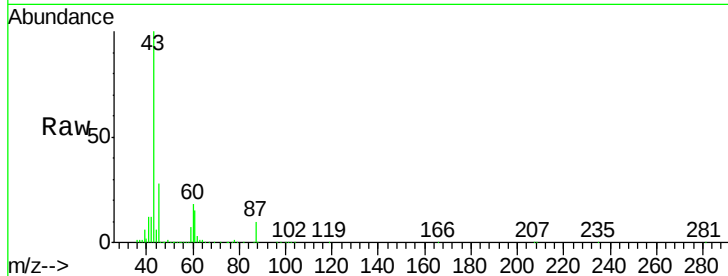
Isopropyl Acetate
 Concen: 29.54 ug/l
 RT: 8.17 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: VN049570.D
 Acq: 27 Jun 2018 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.4	14.2	21.4#
87	7.9	9.4	14.0#

Manual Integrations
 APPROVED

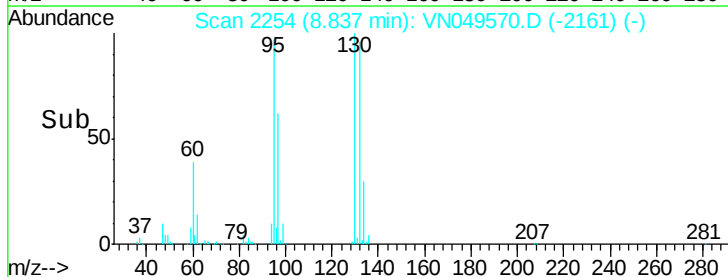
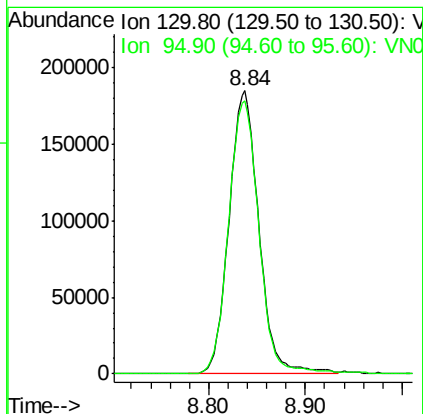
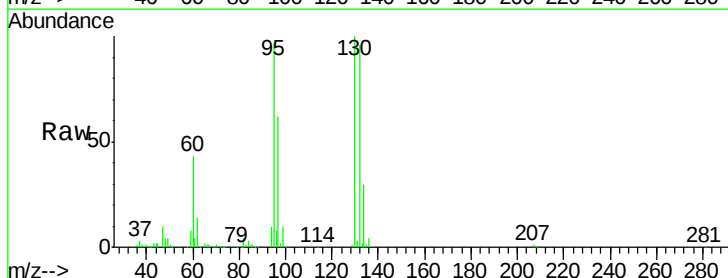
MMDadoda
 6/28/2018 4:38:09 PM

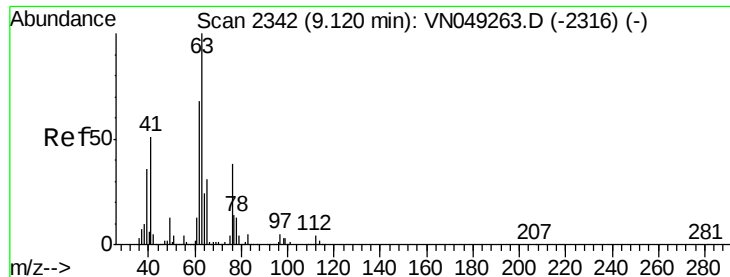


#44

Trichloroethene
 Concen: 18.78 ug/l
 RT: 8.84 min Scan# 2254
 Delta R.T. -0.00 min
 Lab File: VN049570.D
 Acq: 27 Jun 2018 14:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	208.6





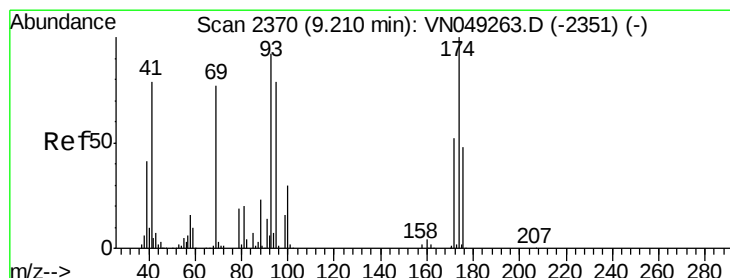
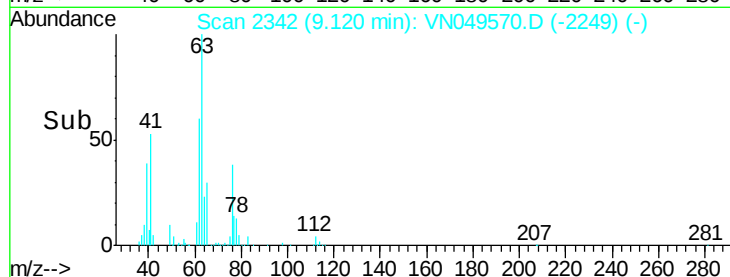
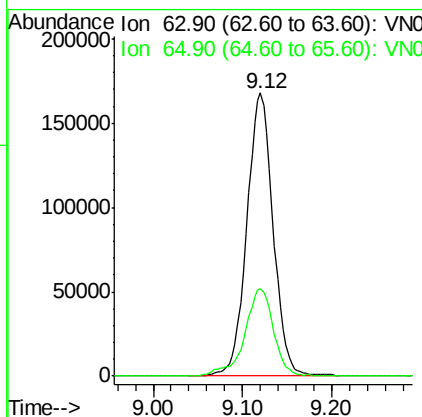
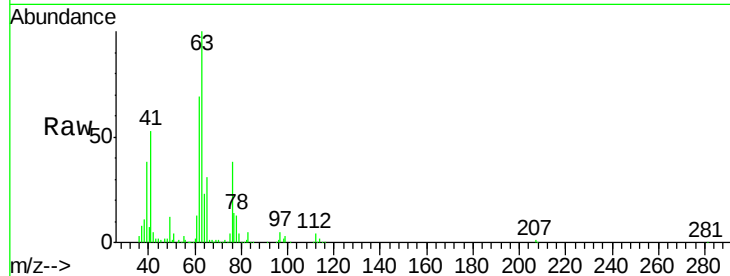
#45
 1,2-Dichloropropane
 Concen: 16.47 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN049570.D
 Acq: 27 Jun 2018 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.8	37.2

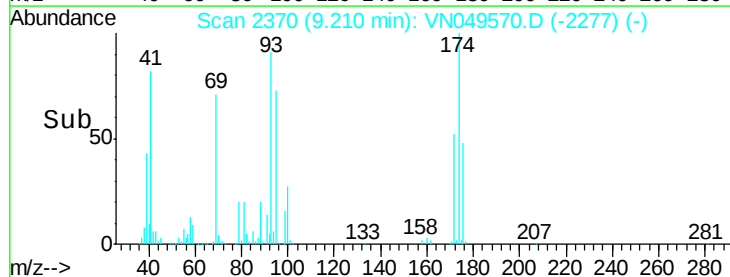
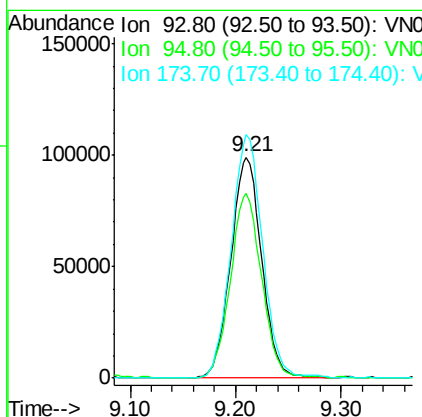
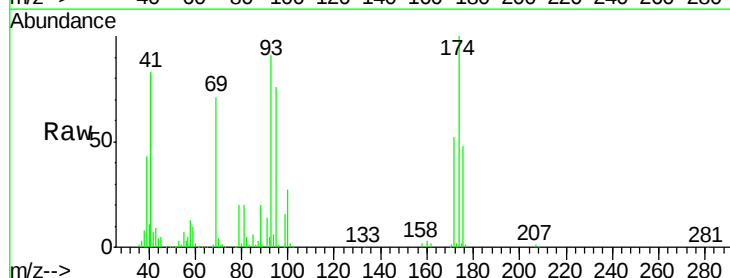
Manual Integrations
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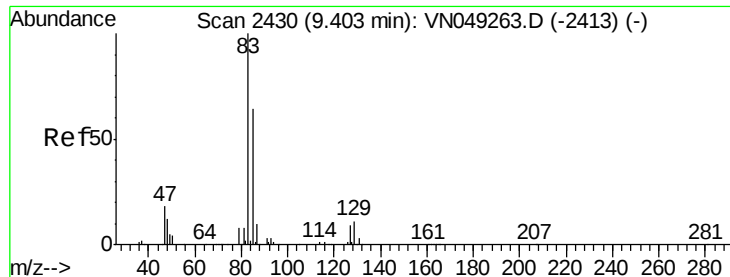
MMDadoda
 6/28/2018 4:38:09 PM



#46
 Dibromomethane
 Concen: 16.61 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: VN049570.D
 Acq: 27 Jun 2018 14:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.3	67.2	100.8
174	111.5	75.6	113.4





#47

Bromodichloromethane

Concen: 16.36 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

Instrument :

MSVOA_N

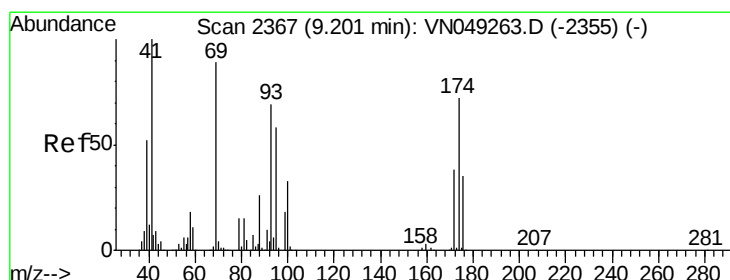
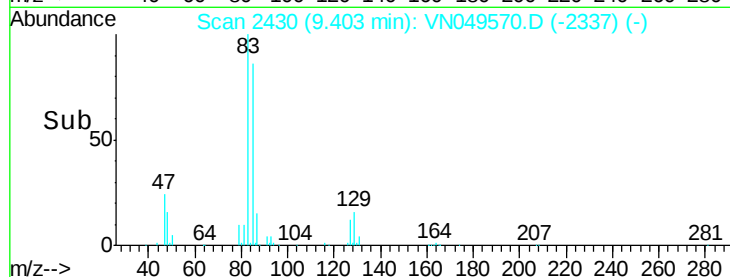
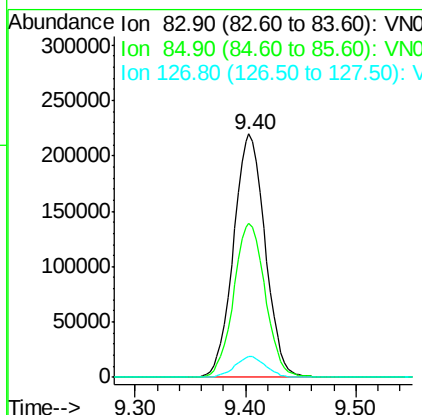
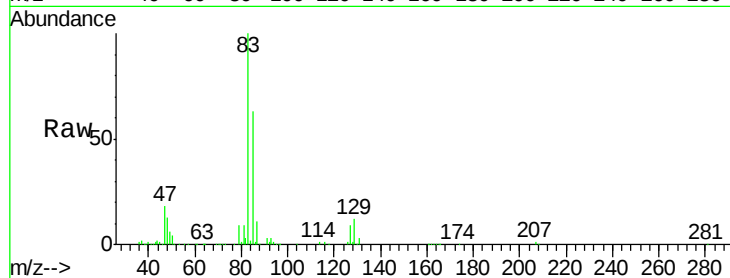
ClientSampleId :

VN0627WBS01

Tot Ion:	83	Resp:	436500
Ion Ratio	Lower	Upper	
83	100		
85	63.3	49.4	74.0
127	8.7	6.3	9.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 16.98 ug/l

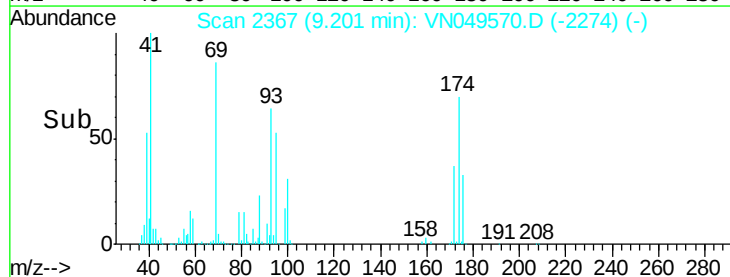
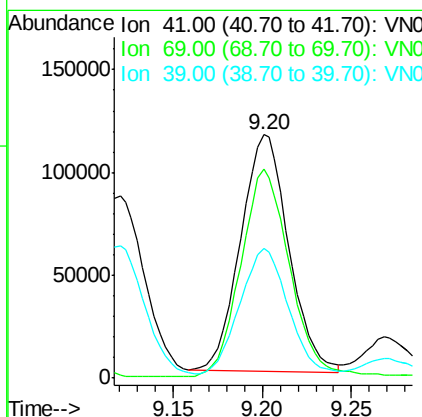
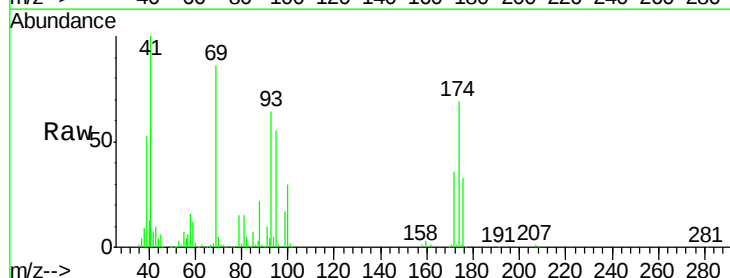
RT: 9.20 min Scan# 2367

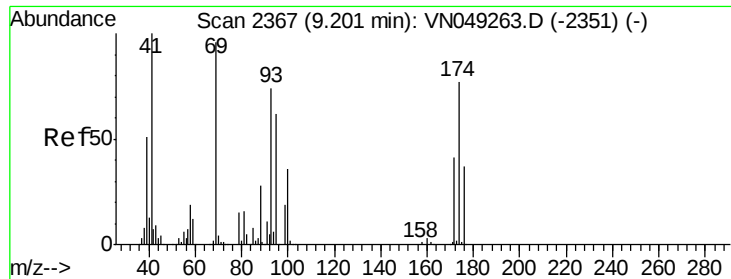
Delta R.T. -0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

Tgt Ion:	41	Resp:	216612
Ion Ratio	Lower	Upper	
41	100		
69	90.7	62.0	93.0
39	56.3	50.6	75.8





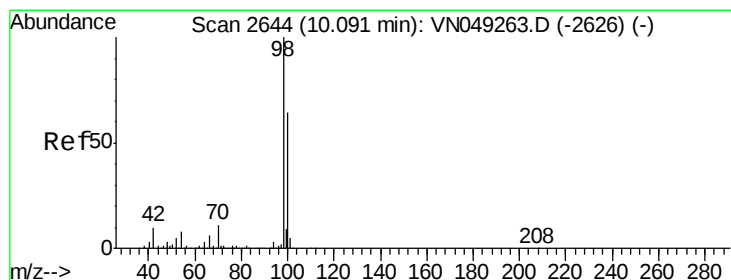
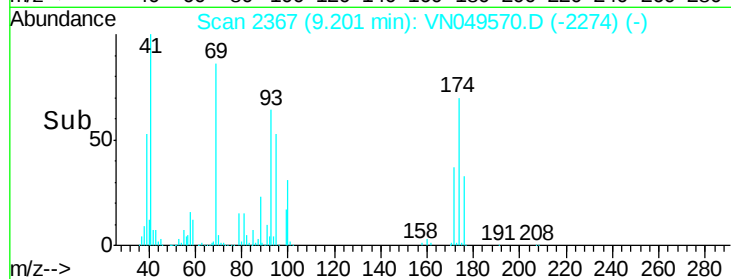
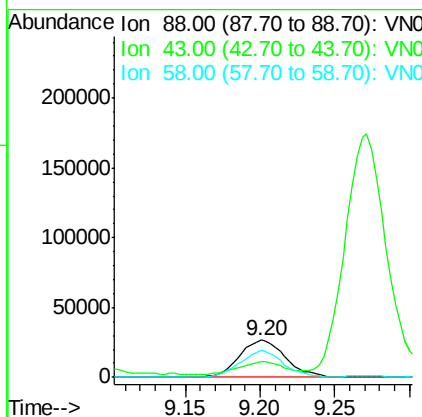
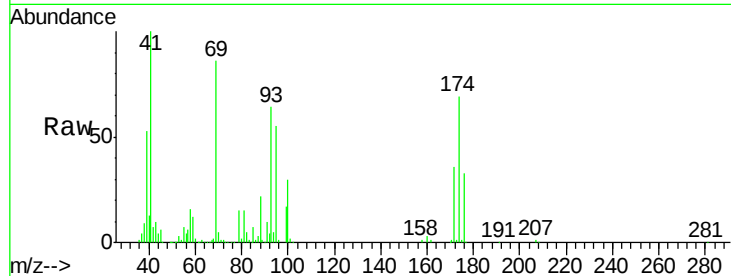
#49
1,4-Dioxane
Concen: 325.46 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01

Tot Ion	88	Resp	57313
Ion	Ratio	Lower	Upper
88	100		
43	34.6	30.9	46.3
58	68.2	58.9	88.3

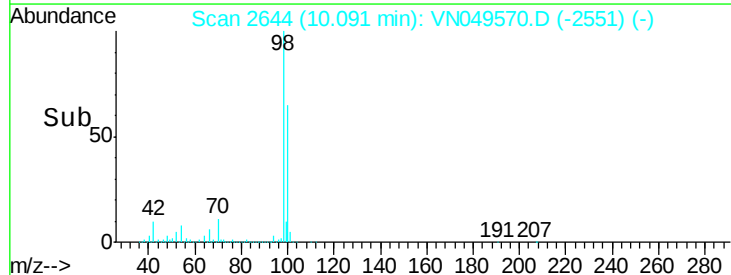
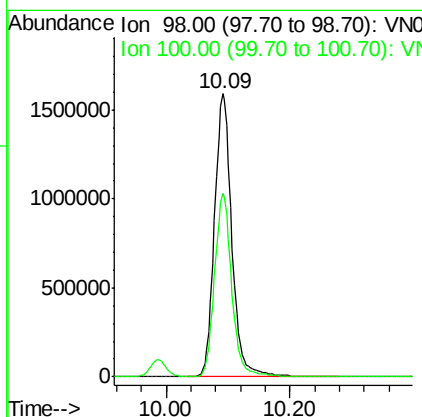
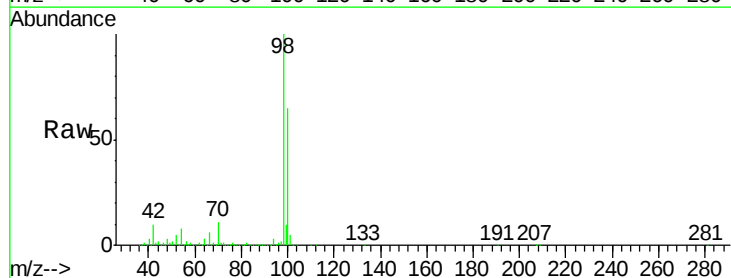
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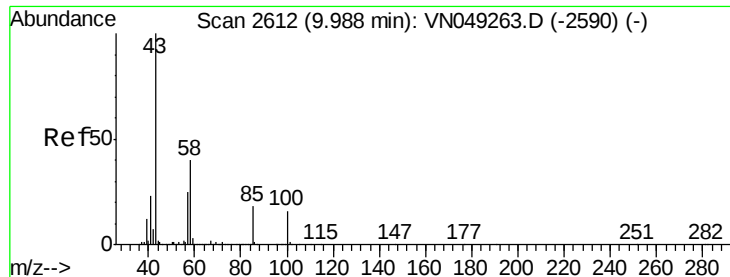
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#50
Toluene-d8
Concen: 44.04 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Tgt Ion	98	Resp	3087594
Ion	Ratio	Lower	Upper
98	100		
100	64.4	49.8	74.8





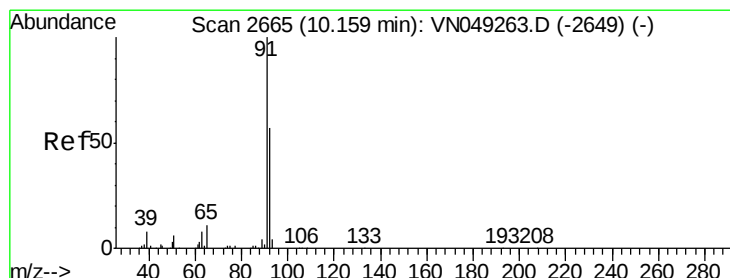
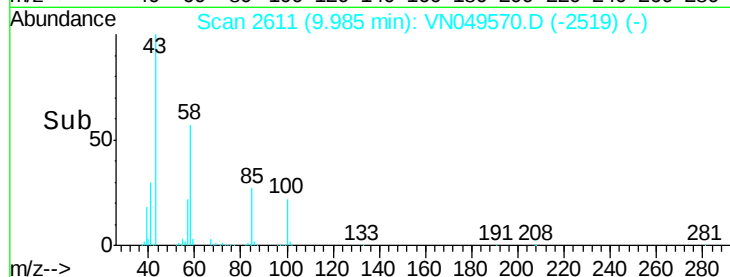
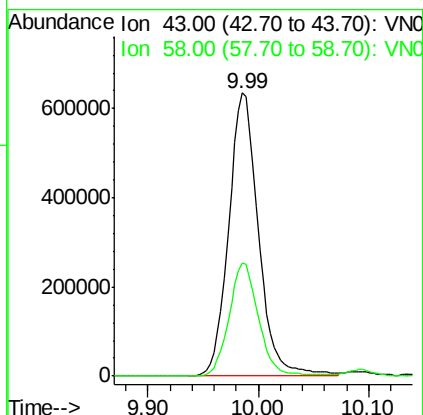
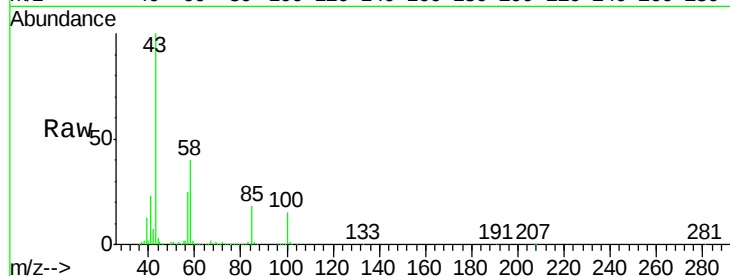
#51
4-Methyl-2-Pentanone
Concen: 83.29 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01

Tot Ion: 43 Resp: 1182735
Ion Ratio Lower Upper
43 100
58 39.9 29.0 43.6

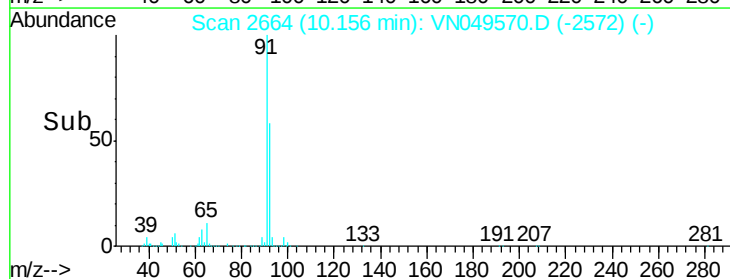
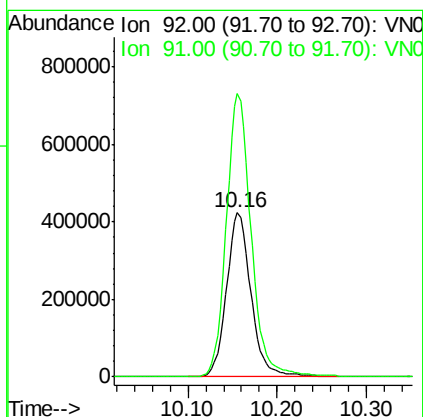
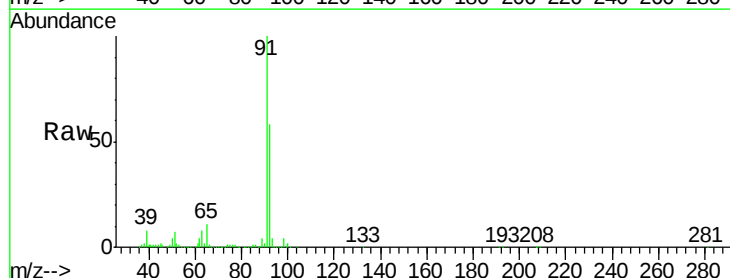
Manual Integrations
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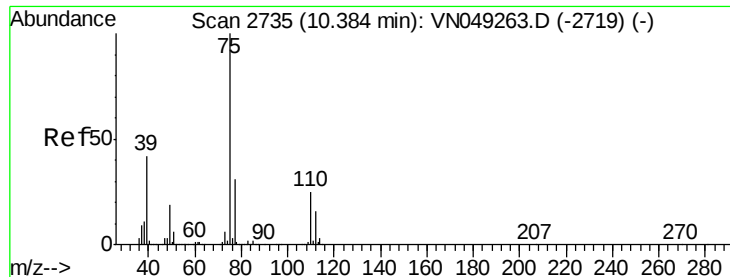
MMDadoda
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#52
Toluene
Concen: 17.12 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. -0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Tgt Ion: 92 Resp: 803339
Ion Ratio Lower Upper
92 100
91 175.3 143.4 215.2





#53

t-1,3-Dichloropropene

Concen: 15.81 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBS01

Tot Ion: 75 Resp: 403543

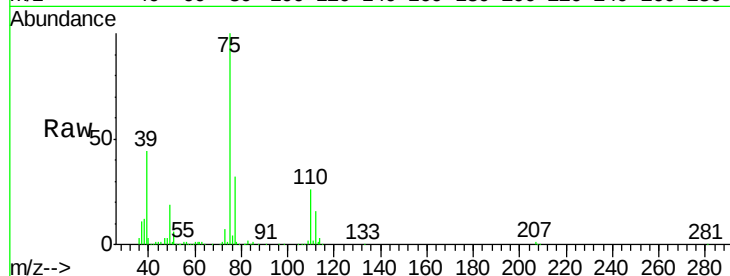
Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8

Manual Integrations
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Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

250000

200000

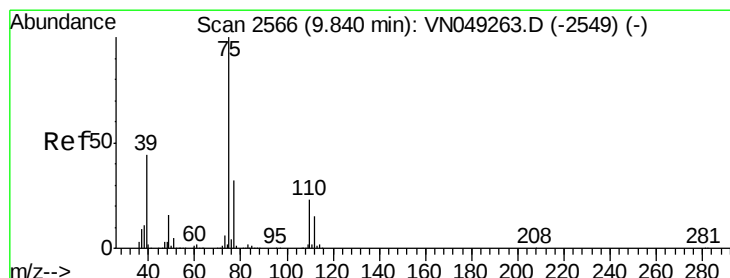
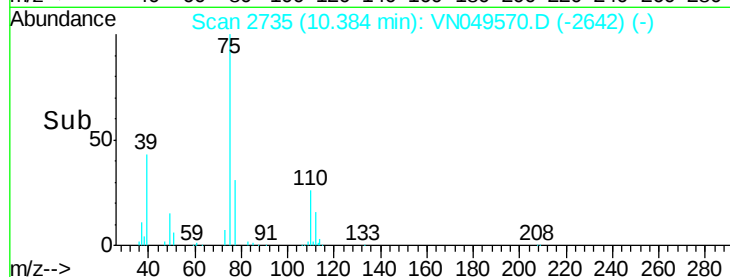
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 16.42 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

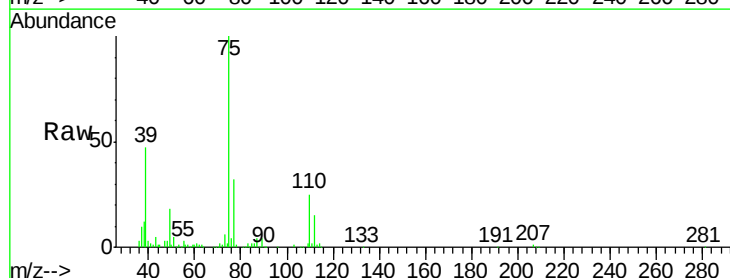
Tgt Ion: 75 Resp: 494901

Ion Ratio Lower Upper

75 100

77 32.2 24.8 37.2

39 46.5 45.1 67.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

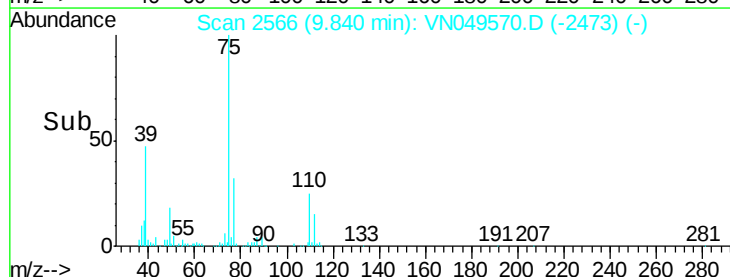
300000

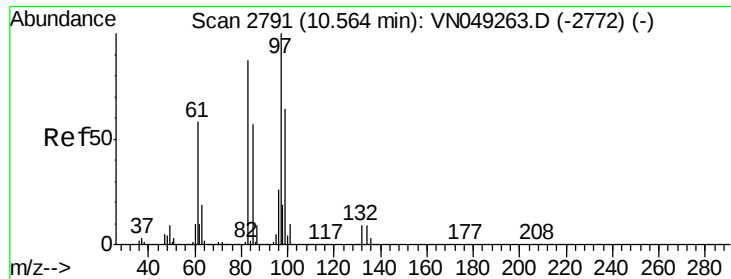
200000

100000

0

Time-->





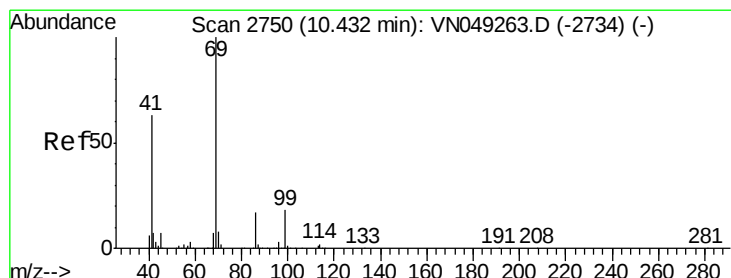
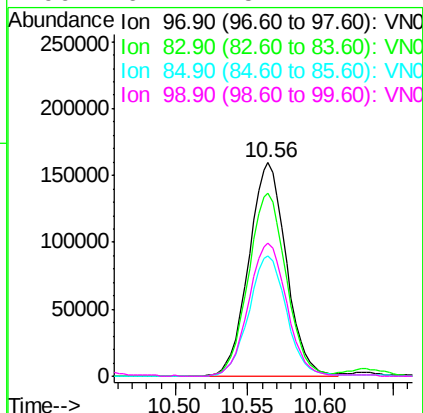
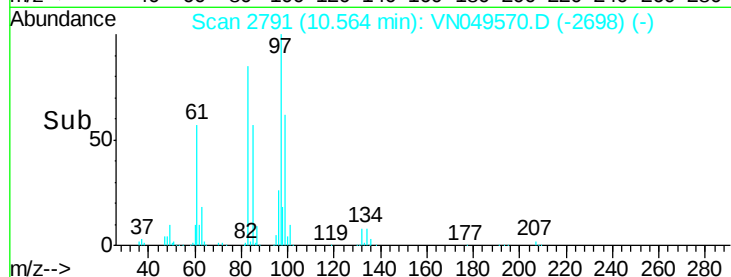
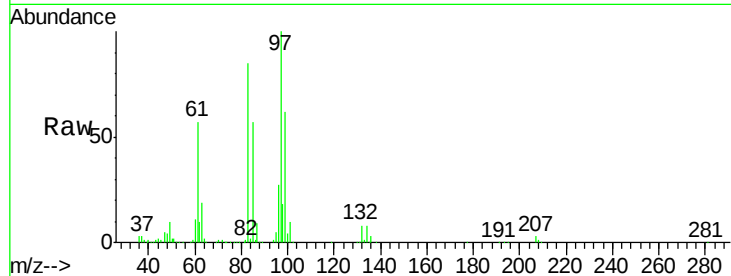
#55
 1,1,2-Trichloroethane
 Concen: 16.41 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN049570.D
 Acq: 27 Jun 2018 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.5	71.5	107.3
85	56.6	47.0	70.4
99	62.4	51.4	77.2

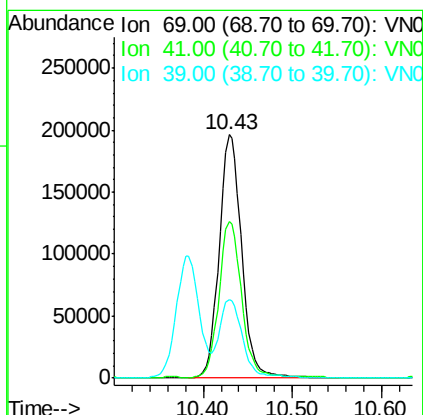
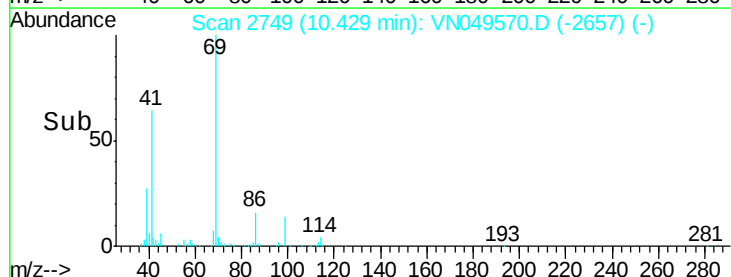
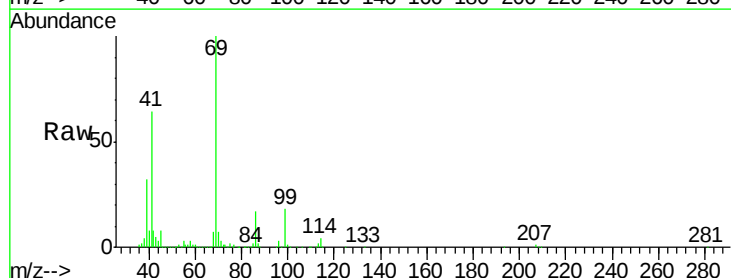
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#56
 Ethyl methacrylate
 Concen: 17.01 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: VN049570.D
 Acq: 27 Jun 2018 14:22

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.6	58.4	87.6
39	32.7	35.5	53.3#





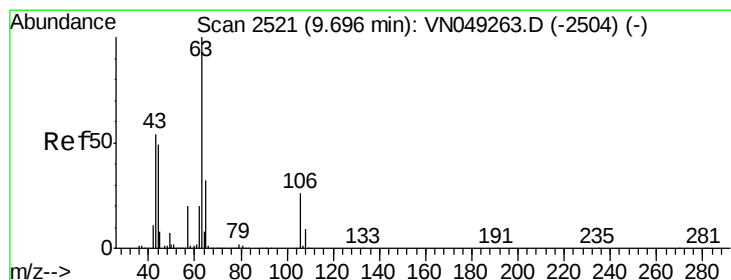
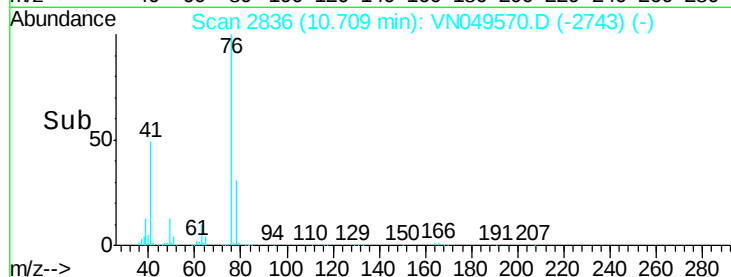
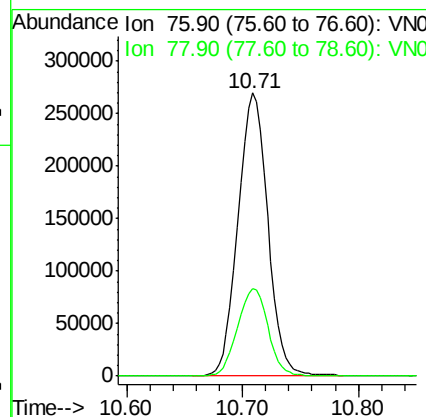
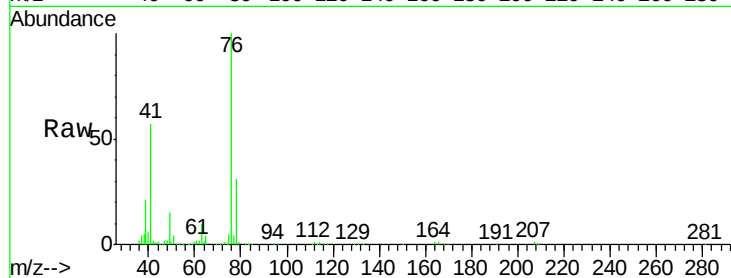
#57
 1,3-Dichloropropane
 Concen: 16.56 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. -0.00 min
 Lab File: VN049570.D
 Acq: 27 Jun 2018 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBS01

Tot Ion: 76 Resp: 479950
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.3 39.5

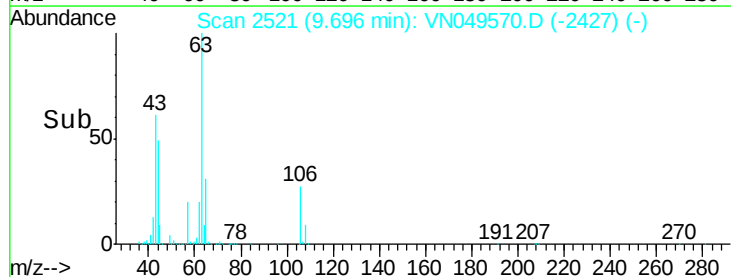
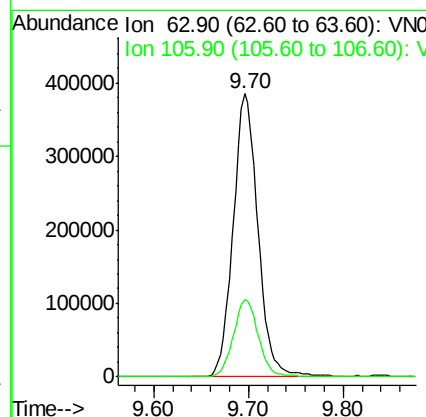
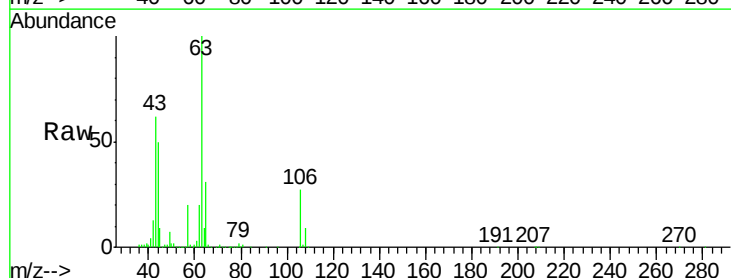
Manual Integrations
 APPROVED

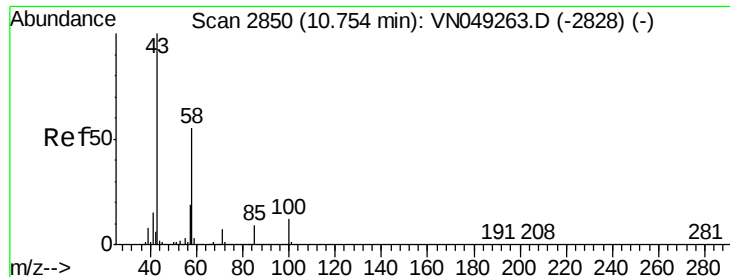
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#58
 2-Chloroethyl Vinyl ether
 Concen: 106.11 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN049570.D
 Acq: 27 Jun 2018 14:22

Tgt Ion: 63 Resp: 702617
 Ion Ratio Lower Upper
 63 100
 106 27.6 19.4 29.2





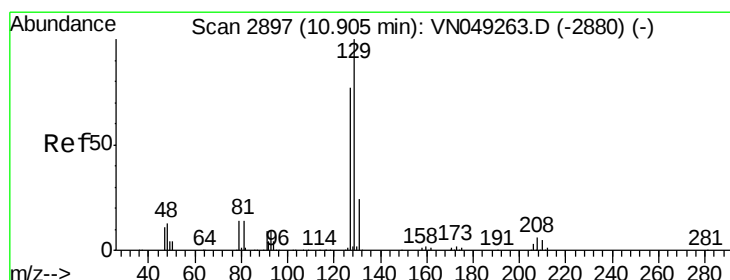
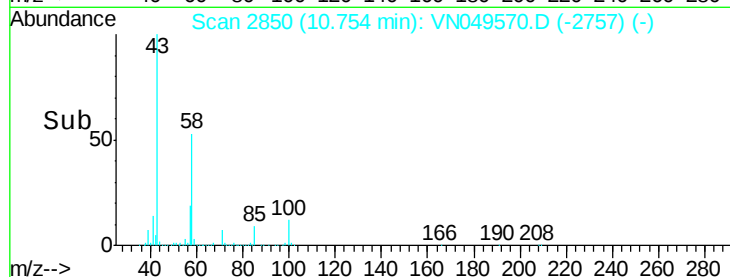
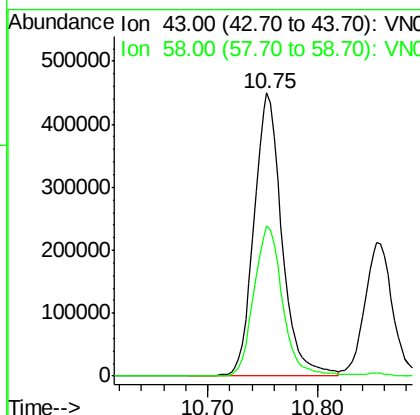
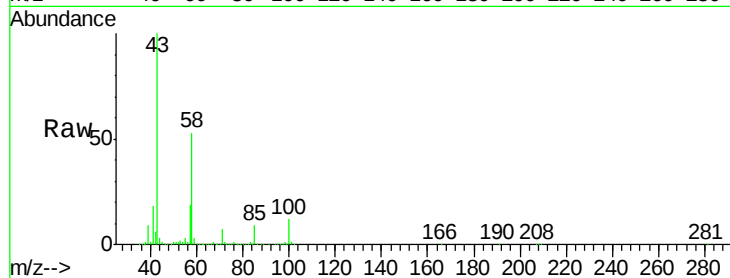
#59
2-Hexanone
Concen: 85.22 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01

Tot Ion: 43 Resp: 780233
Ion Ratio Lower Upper
43 100
58 55.1 25.2 75.6

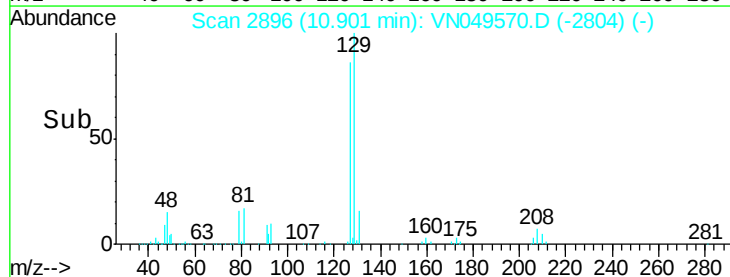
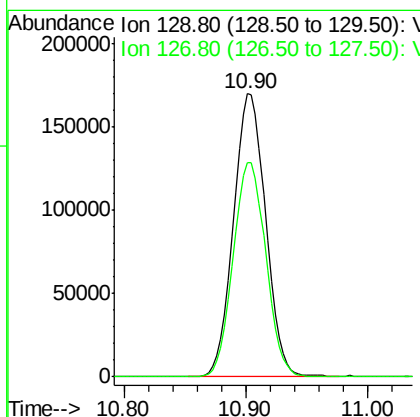
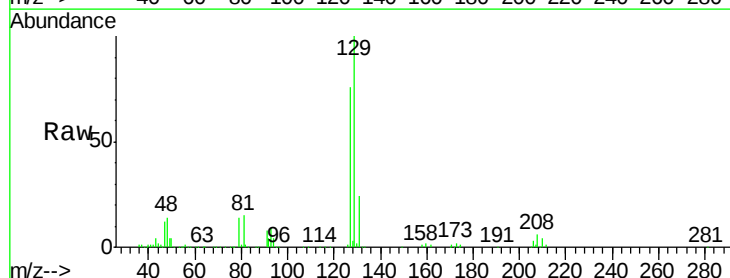
Manual Integrations
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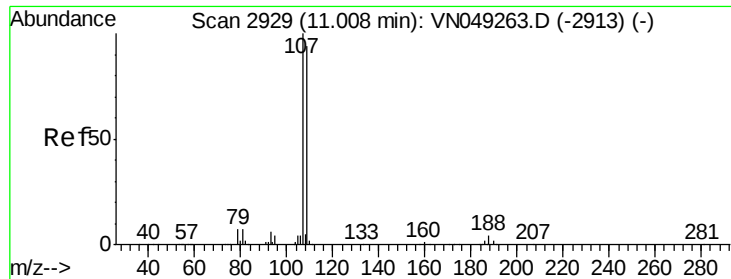
MMDadoda
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#60
Dibromochloromethane
Concen: 15.93 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Tgt Ion: 129 Resp: 311053
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 17.00 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. -0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBS01

Tot Ion:107 Resp: 276428

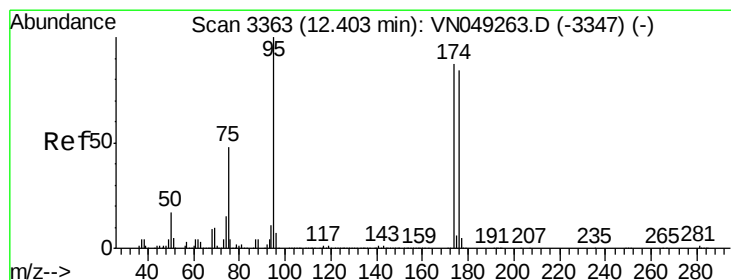
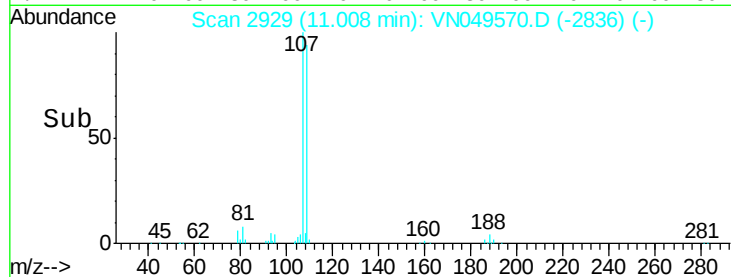
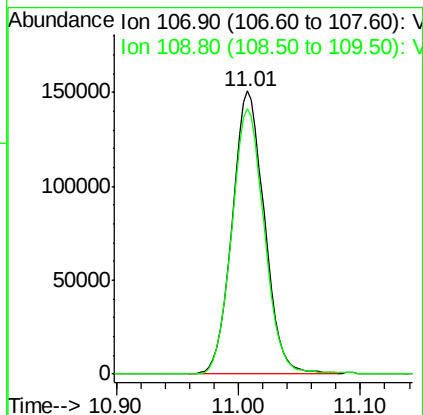
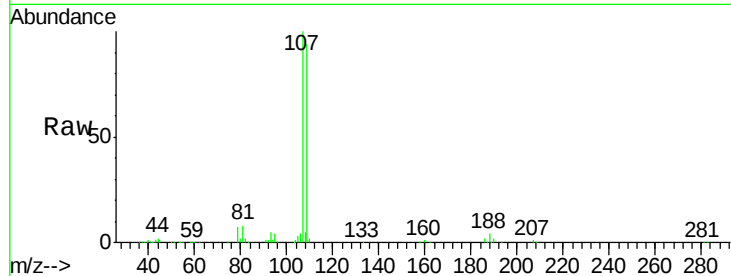
Ion Ratio Lower Upper

107 100

109 94.9 75.4 113.2

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#62

4-Bromofluorobenzene

Concen: 43.45 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

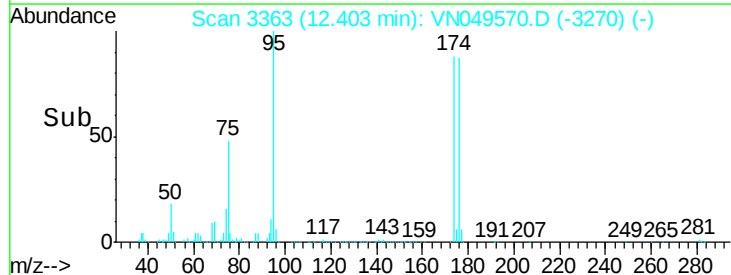
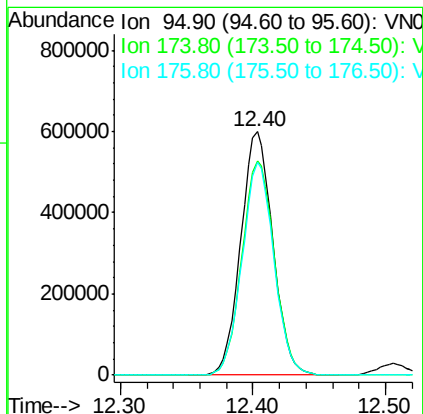
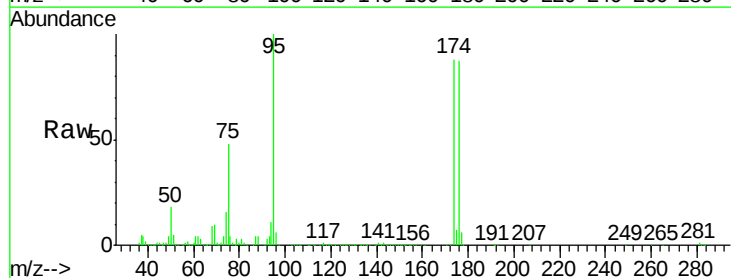
Tgt Ion: 95 Resp: 1007372

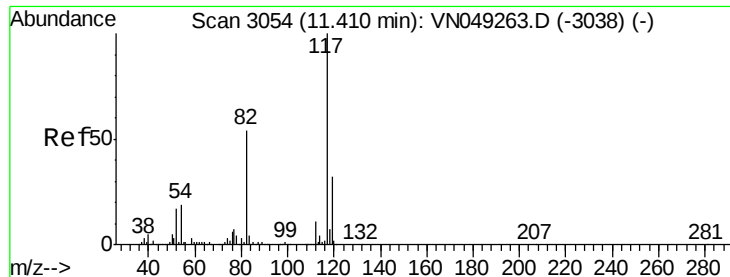
Ion Ratio Lower Upper

95 100

174 89.3 0.0 165.6

176 86.8 0.0 157.4





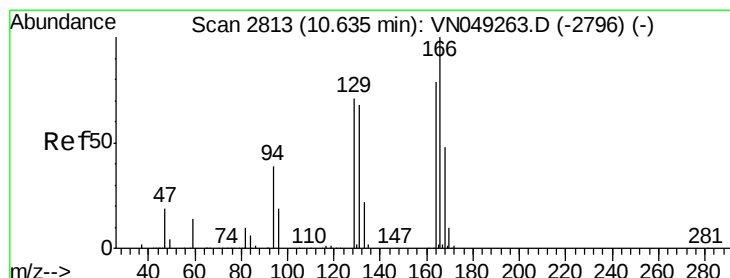
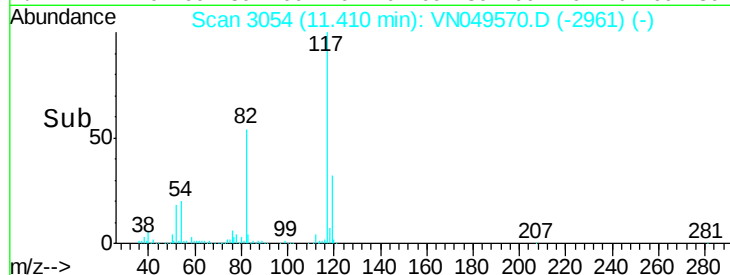
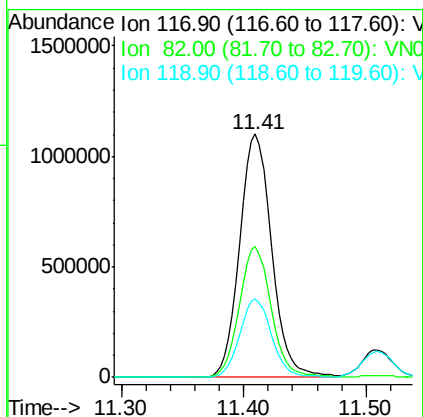
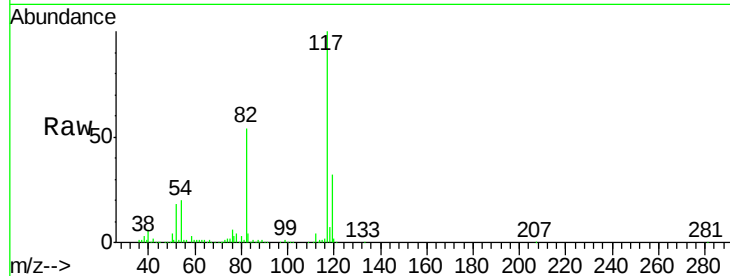
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Instrument :
MSVOA_N
ClientSampled :
VN0627WBS01

Tot Ion:117 Resp: 1995849
Ion Ratio Lower Upper
117 100
82 53.6 45.9 68.9
119 32.3 25.5 38.3

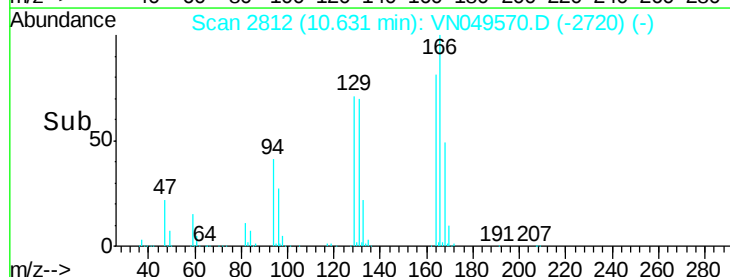
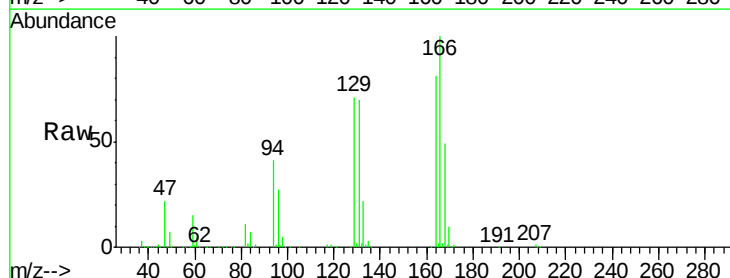
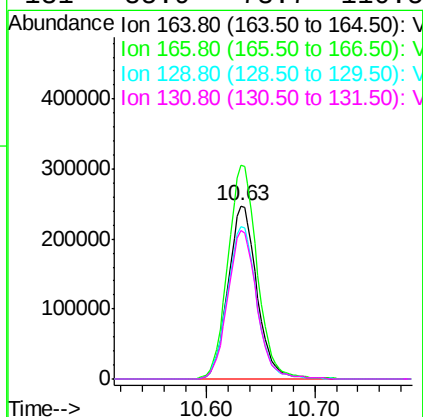
Manual Integrations
APPROVED

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#64
Tetrachloroethene
Concen: 22.56 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Tgt Ion:164 Resp: 461337
Ion Ratio Lower Upper
164 100
166 123.3 101.4 152.2
129 87.6 74.1 111.1
131 85.9 73.7 110.5





#65

Chlorobenzene

Concen: 16.78 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

Instrument :

MSVOA_N

ClientSampled :

VN0627WBS01

Tot Ion:112 Resp: 862976

Ion Ratio Lower Upper

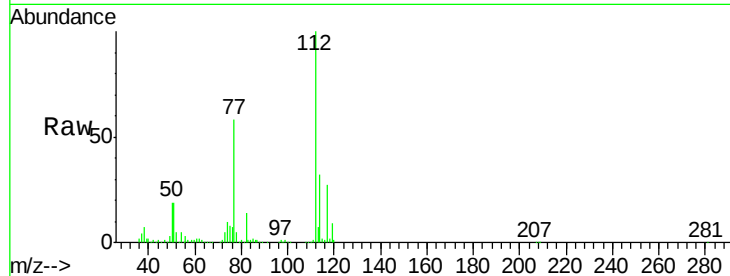
112 100

114 31.8 26.2 39.4

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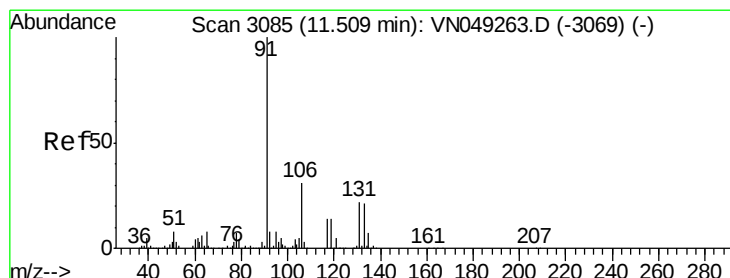
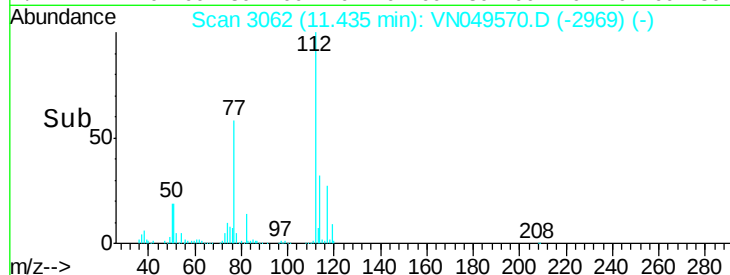
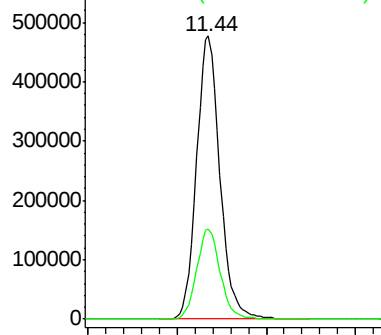
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 16.49 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. -0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

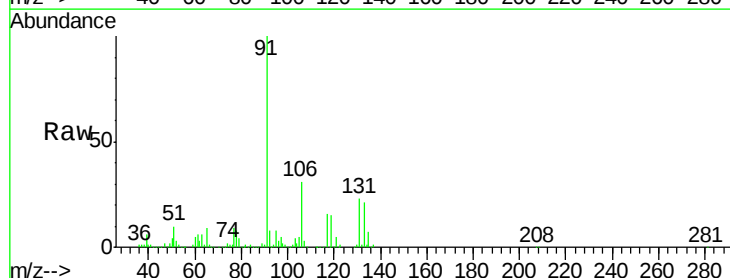
Tgt Ion:131 Resp: 318992

Ion Ratio Lower Upper

131 100

133 94.7 48.0 144.2

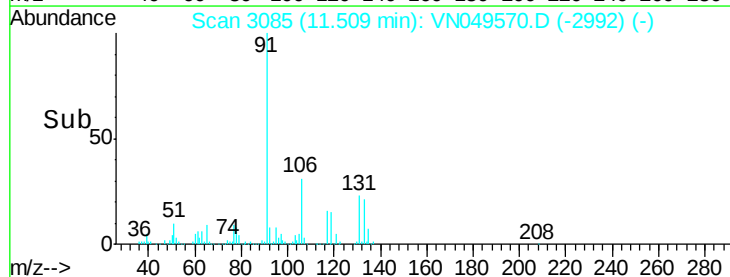
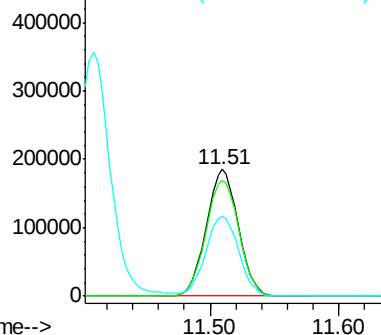
119 65.4 33.6 100.8

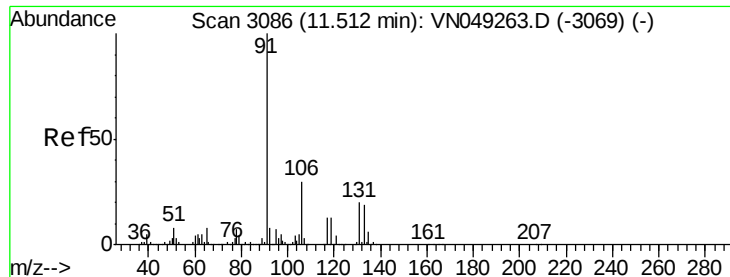


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





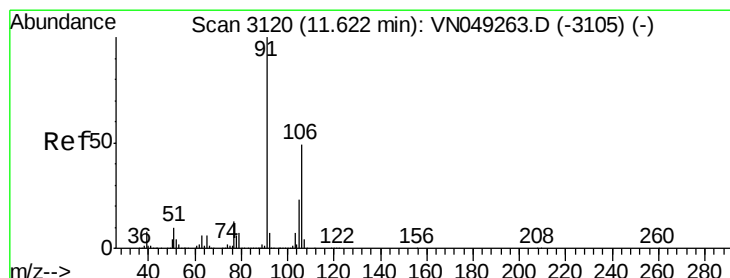
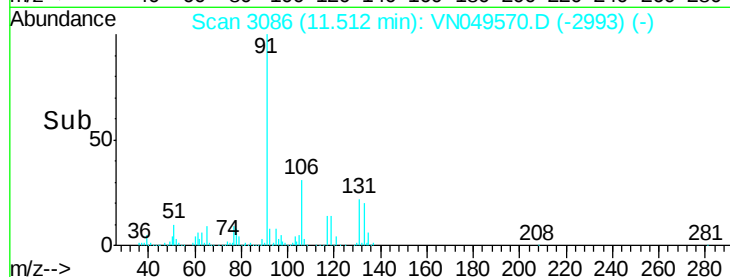
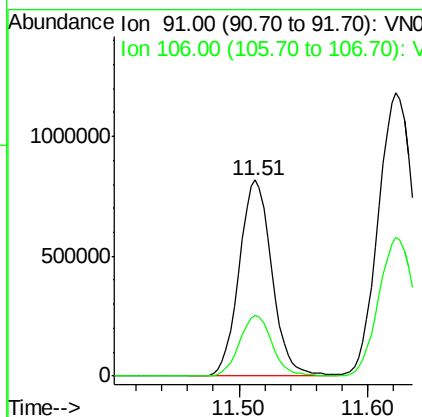
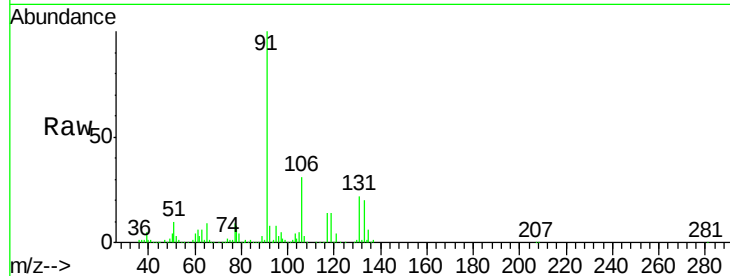
#67
Ethyl Benzene
Concen: 16.99 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Instrument :
MSVOA_N
ClientSampled :
VN0627WBS01

Tot Ion: 91 Resp: 1449217
Ion Ratio Lower Upper
91 100
106 31.2 23.9 35.9

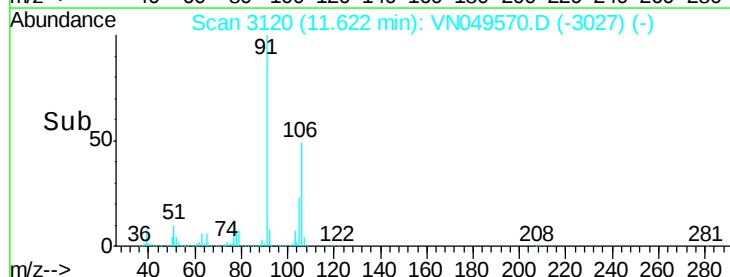
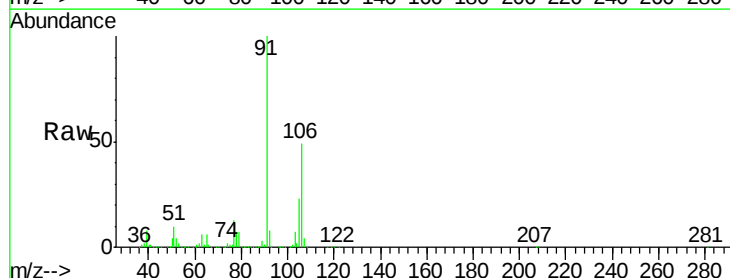
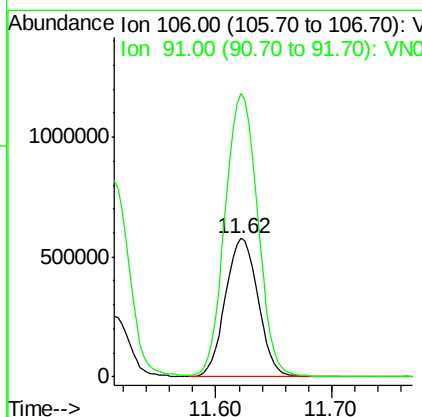
Manual Integrations
APPROVED

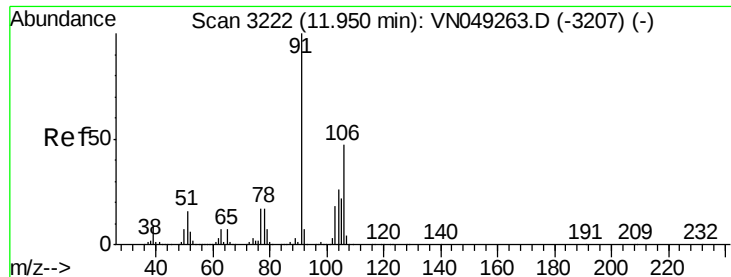
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#68
m/p-Xylenes
Concen: 35.28 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Tgt Ion: 106 Resp: 1129281
Ion Ratio Lower Upper
106 100
91 204.9 167.3 250.9





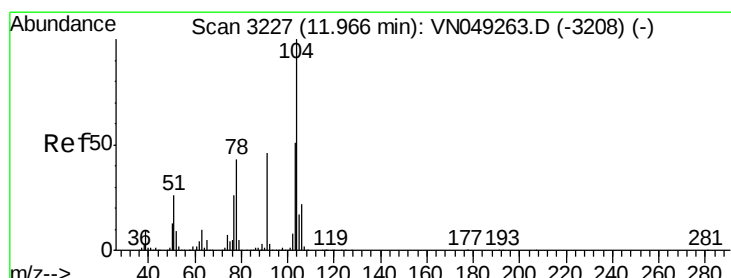
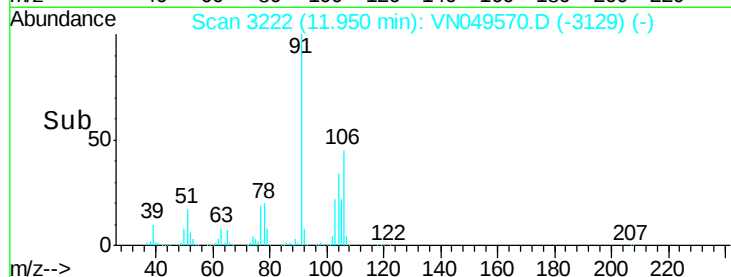
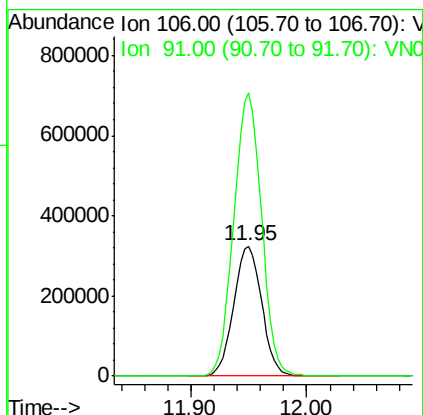
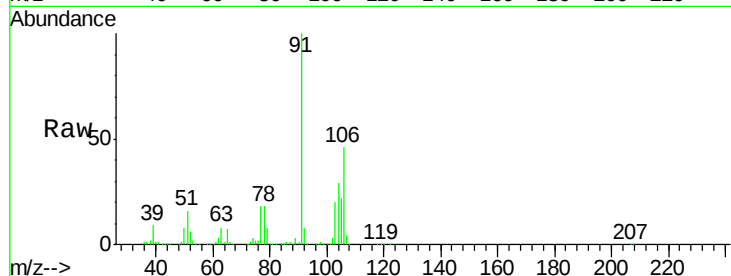
#69
o-Xylene
Concen: 17.58 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Instrument :
MSVOA_N
ClientSampled :
VN0627WBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	215.8	111.0	333.0

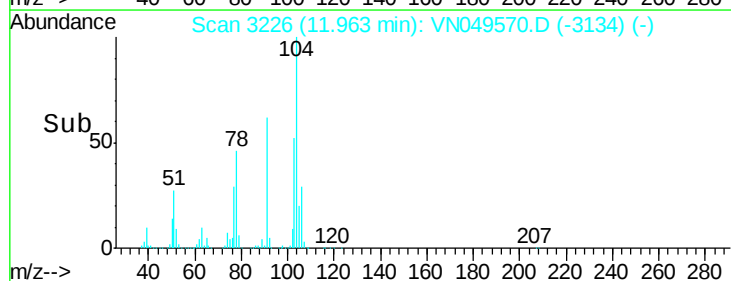
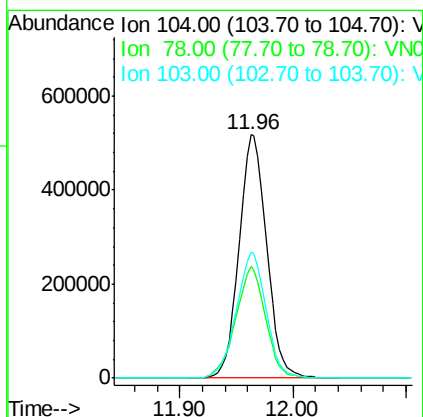
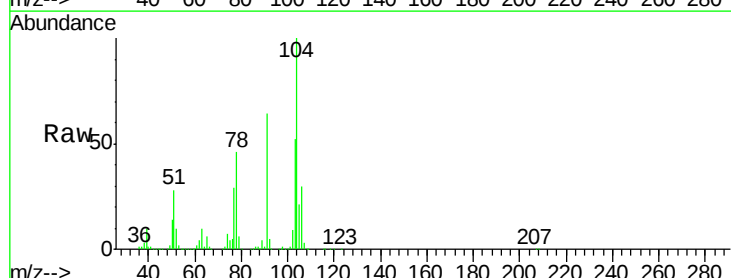
Manual Integrations
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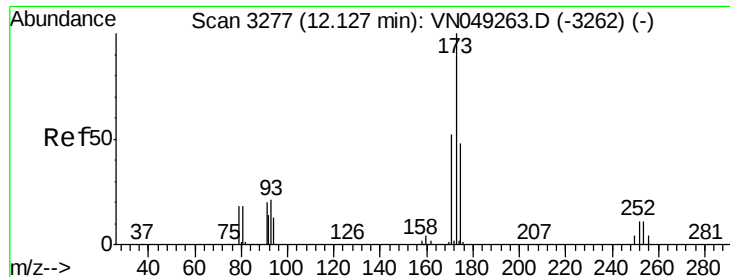
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#70
Styrene
Concen: 18.15 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	49.5	41.6	62.4
103	103	55.7	45.4	68.2





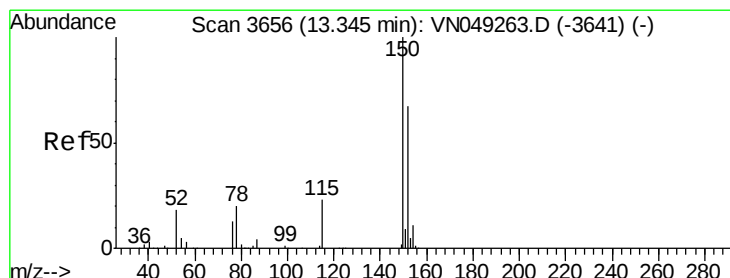
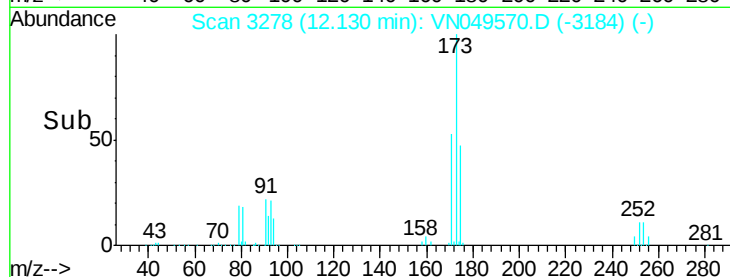
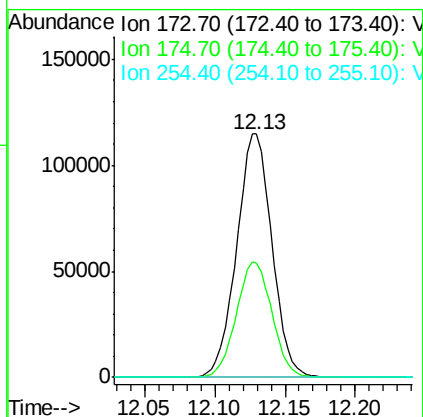
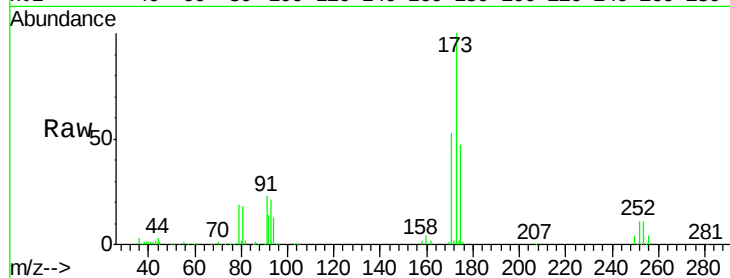
#71
Bromoform
Concen: 16.08 ug/l
RT: 12.13 min Scan# 3278
Delta R.T. 0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.5	73.5
254	0.1	0.1	0.1#

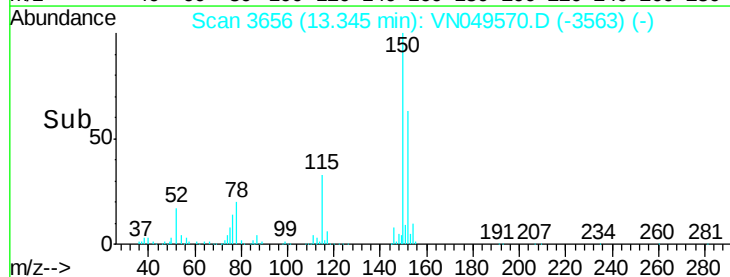
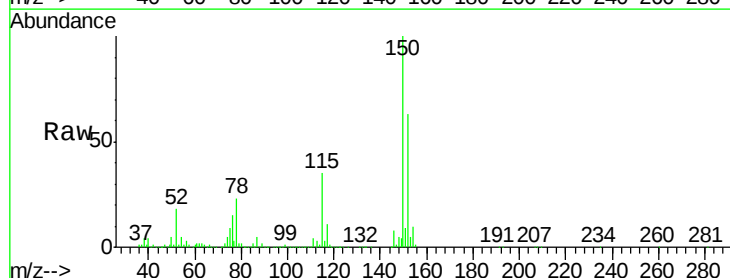
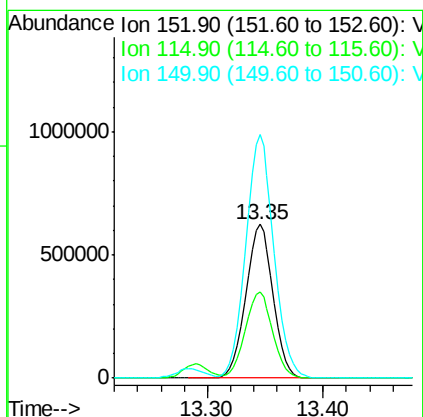
Manual Integrations
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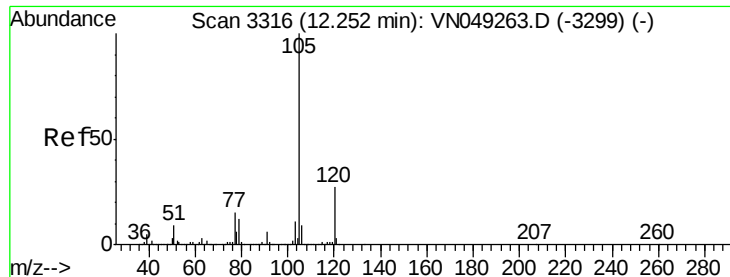
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.7	86.1
150	163.8	0.0	351.0





#73

Isopropylbenzene

Concen: 15.84 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. -0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBS01

Tot Ion:105 Resp: 1410878

Ion Ratio Lower Upper

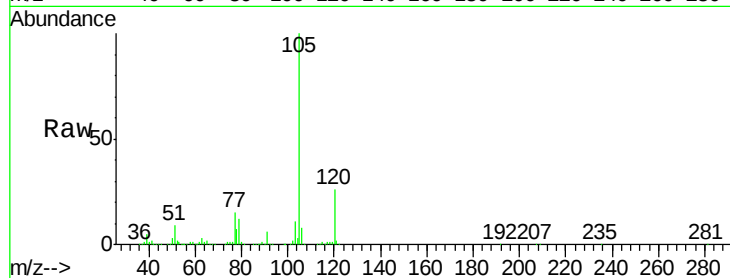
105 100

120 26.2 12.8 38.3

Manual Integrations
APPROVED

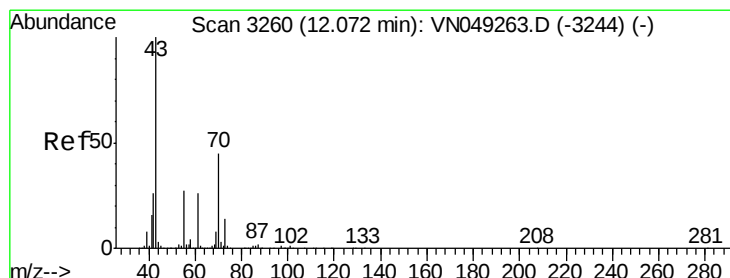
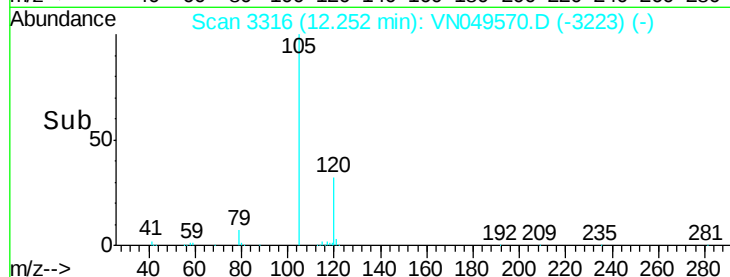
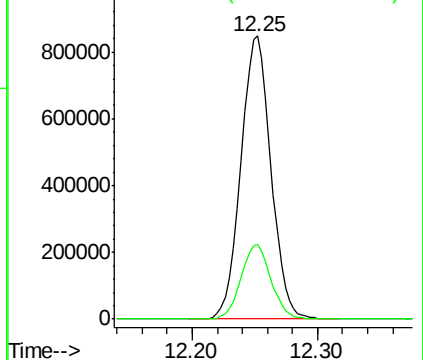
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.52 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

Tgt Ion: 43 Resp: 382180

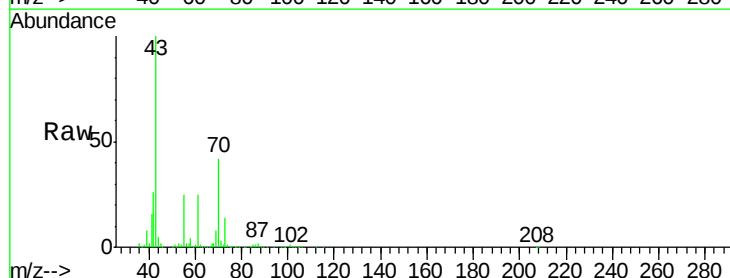
Ion Ratio Lower Upper

43 100

70 42.5 30.3 45.5

55 25.8 19.4 29.2

61 24.7 17.8 26.6

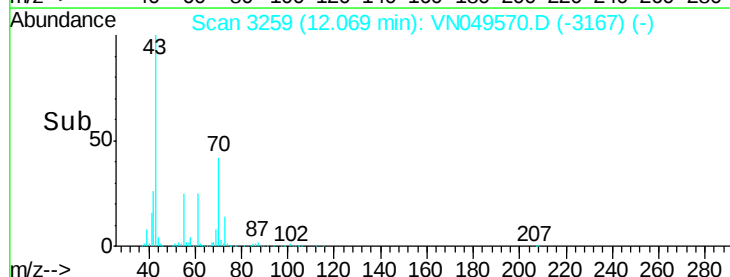
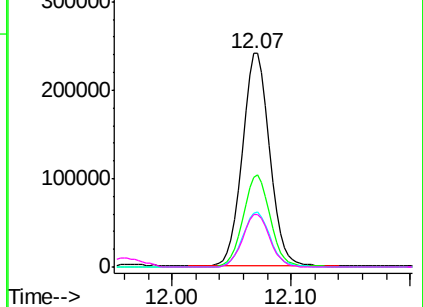


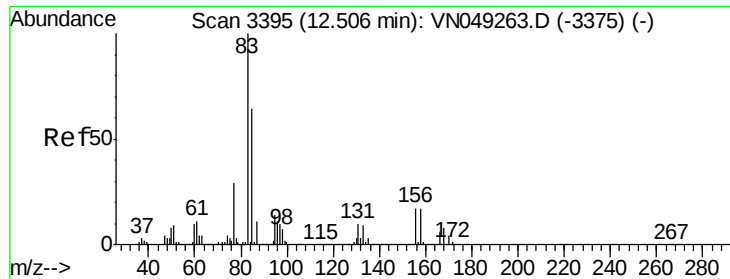
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 14.59 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

Instrument :

MSVOA_N

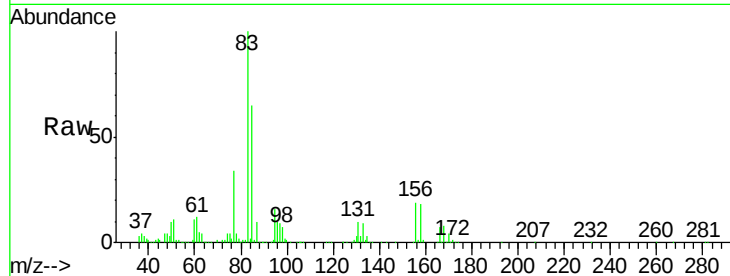
ClientSampleId :

VN0627WBS01

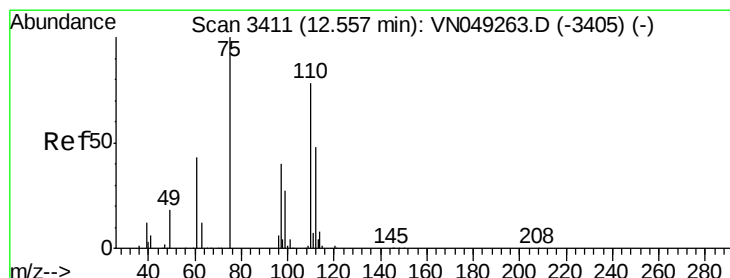
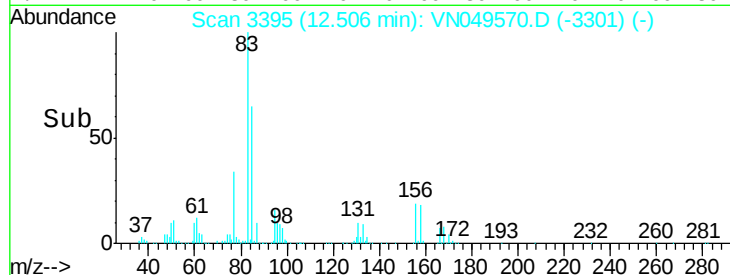
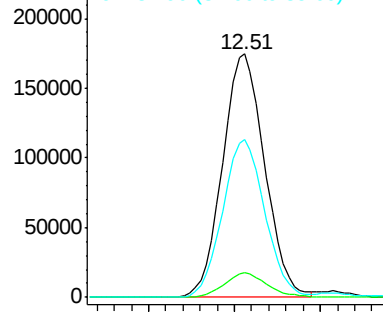
Tot Ion:	83	Resp:	296365
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	15.0
85	65.2	32.0	96.0

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN049570.D (-3301) (-)



#76

1,2,3-Trichloropropane

Concen: 15.23 ug/l m

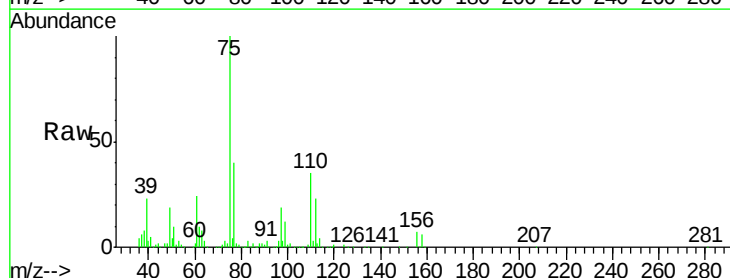
RT: 12.56 min Scan# 3411

Delta R.T. -0.00 min

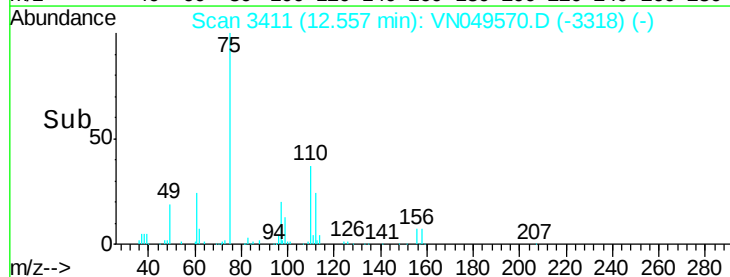
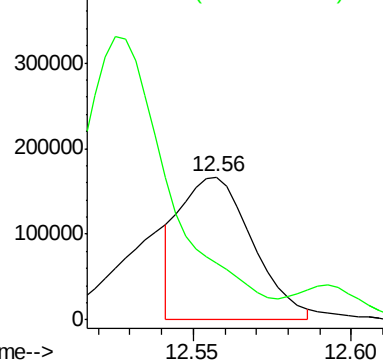
Lab File: VN049570.D

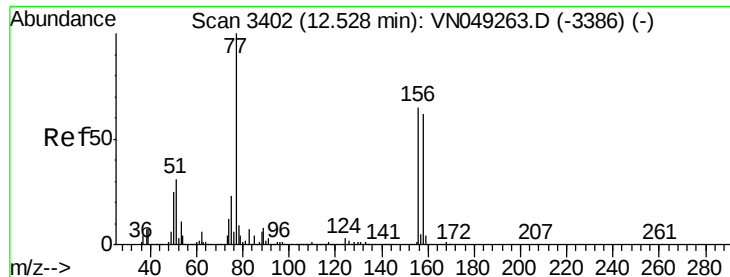
Acq: 27 Jun 2018 14:22

Tgt Ion:	75	Resp:	263569
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049570.D (-3318) (-)





#77

Bromobenzene

Concen: 15.67 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

Instrument :

MSVOA_N

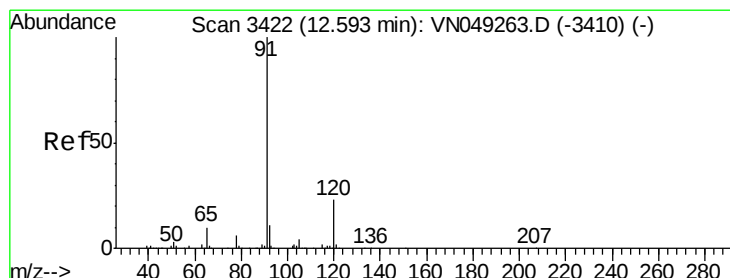
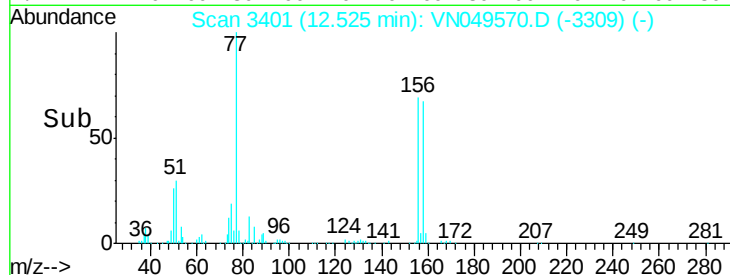
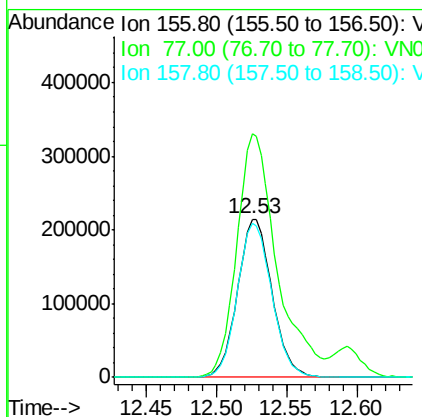
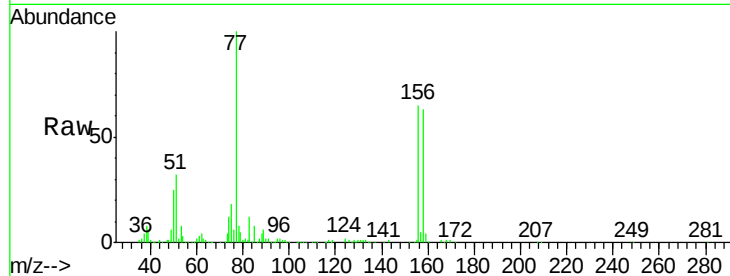
ClientSampleId :

VN0627WBS01

Tot Ion:	156	Resp:	368687
Ion Ratio	Lower	Upper	
156	100		
77	178.4	100.8	302.4
158	97.2	49.3	147.9

Manual Integrations
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#78

n-propylbenzene

Concen: 16.46 ug/l

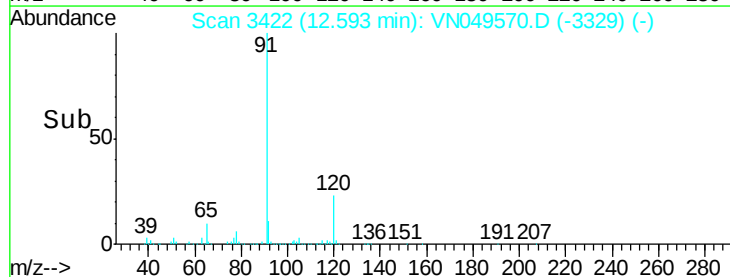
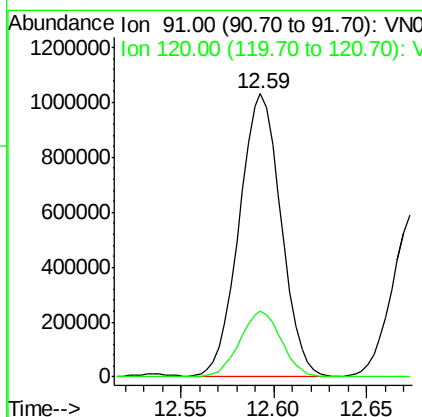
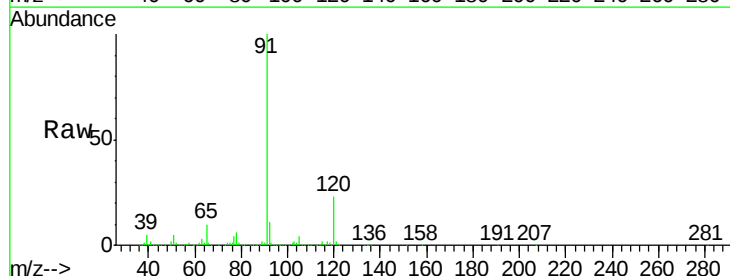
RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

Tgt Ion:	91	Resp:	1609737
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.2	33.5





#79

2-Chlorotoluene

Concen: 16.02 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBS01

Tot Ion: 91 Resp: 992492

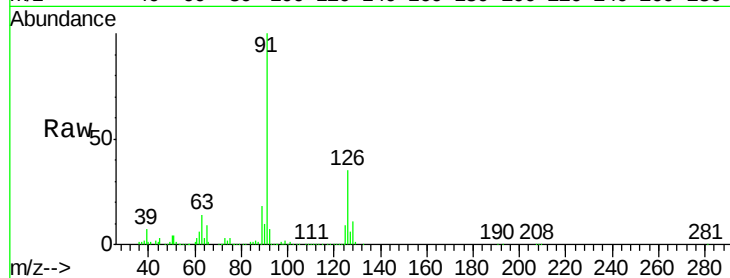
Ion Ratio Lower Upper

91 100

126 35.2 16.6 49.8

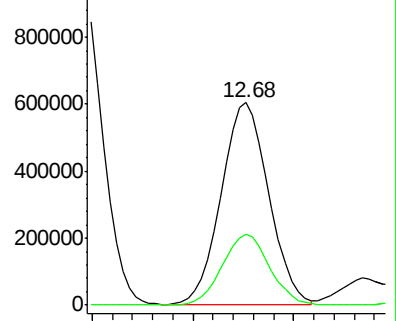
Manual Integrations
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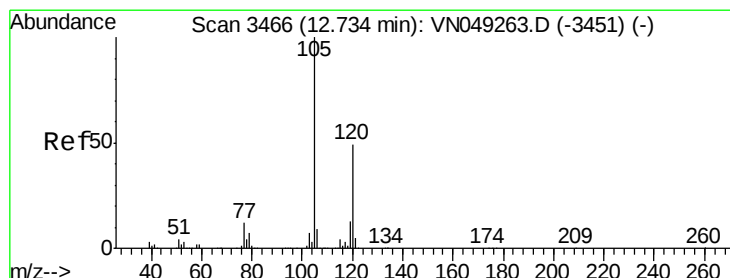
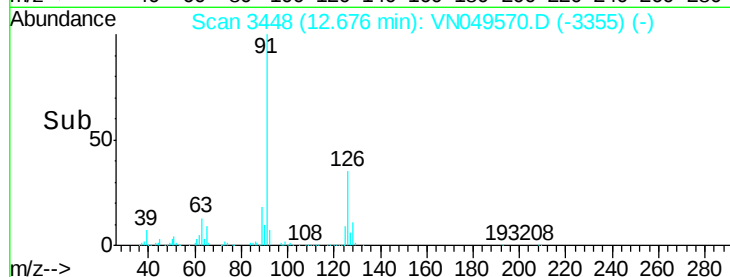


Abundance Ion 91.00 (90.70 to 91.70): VN049263.D (-3436) (-)

Ion 125.90 (125.60 to 126.60): VN049263.D (-3436) (-)



Time--> 12.60 12.65 12.70



#80

1,3,5-Trimethylbenzene

Concen: 16.99 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN049570.D

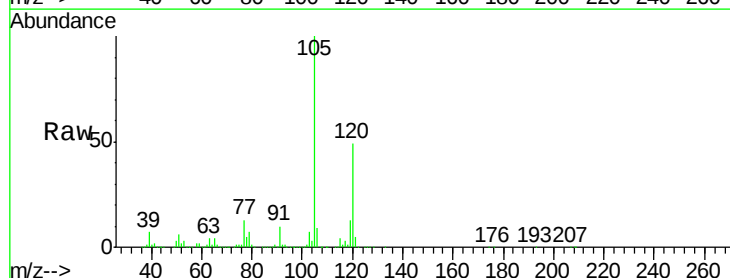
Acq: 27 Jun 2018 14:22

Tgt Ion: 105 Resp: 1189321

Ion Ratio Lower Upper

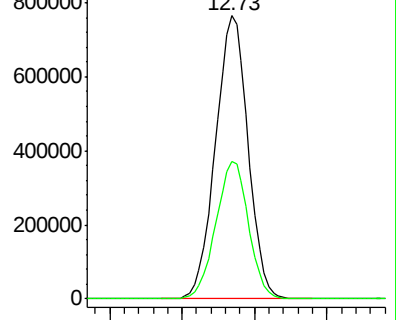
105 100

120 48.8 23.5 70.5

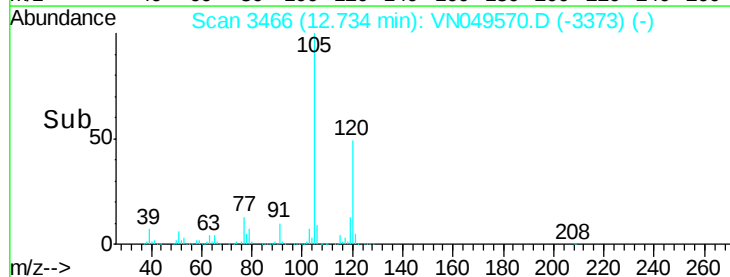


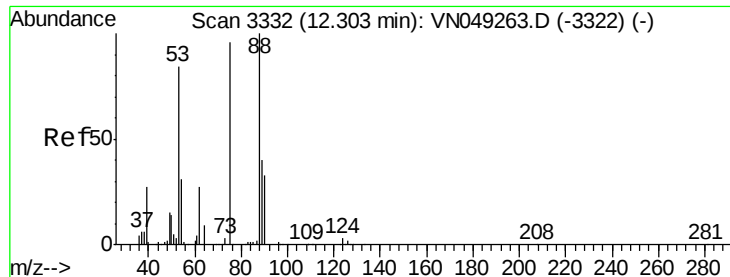
Abundance Ion 105.00 (104.70 to 105.70): VN049263.D (-3451) (-)

Ion 120.00 (119.70 to 120.70): VN049263.D (-3451) (-)



Time--> 12.65 12.70 12.75 12.80





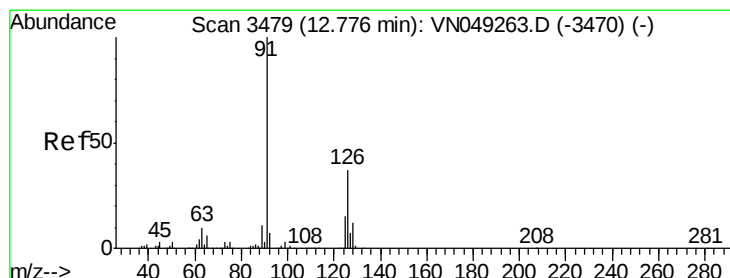
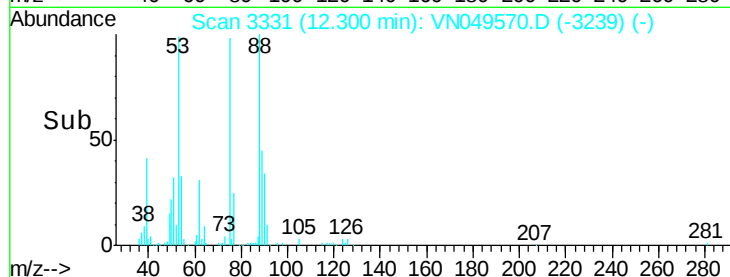
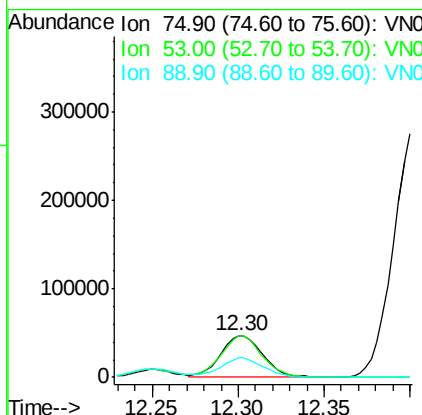
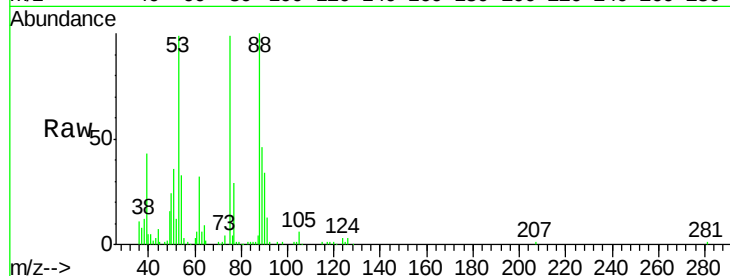
#81
trans-1,4-Dichloro-2-butene
Concen: 14.41 ug/l
RT: 12.30 min Scan# 3331
Delta R.T. -0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.6	82.7	124.1
89	46.3	36.5	54.7

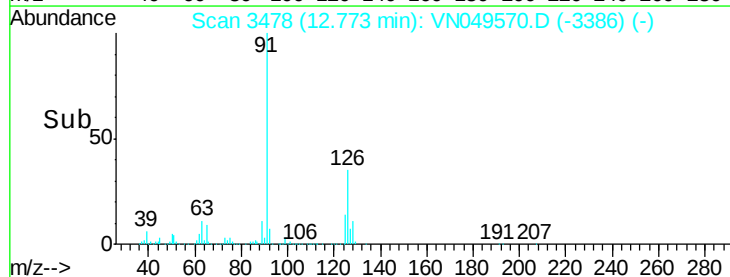
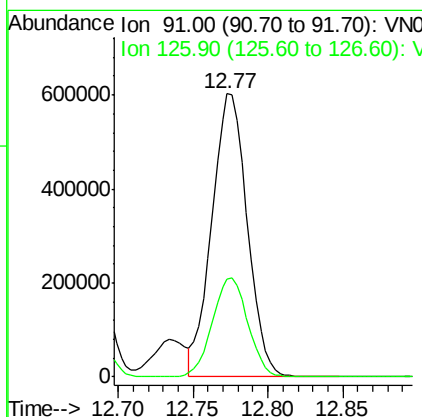
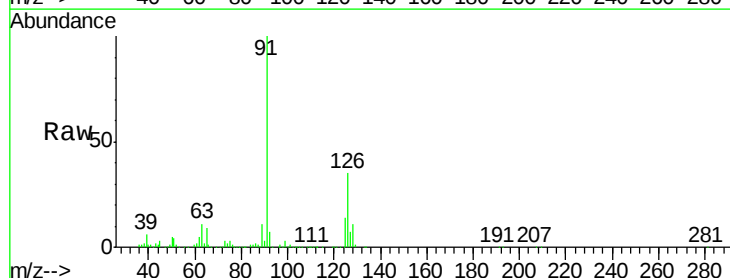
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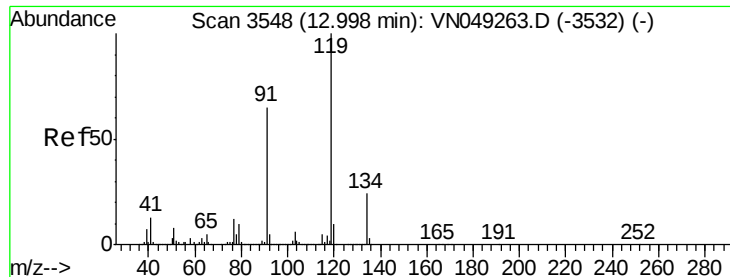
MMDadoda
6/28/2018 4:38:09 PM



#82
4-Chlorotoluene
Concen: 16.60 ug/l
RT: 12.77 min Scan# 3478
Delta R.T. -0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.0	16.4	49.1





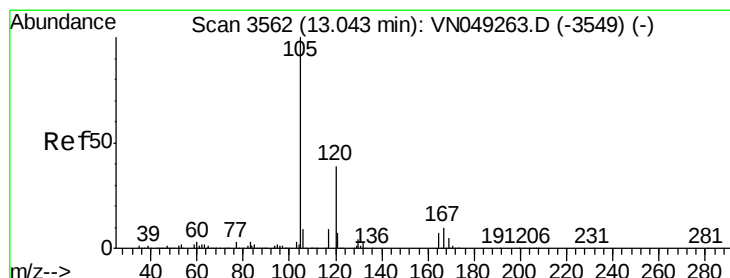
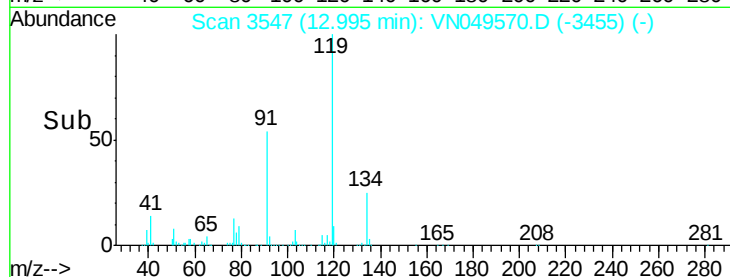
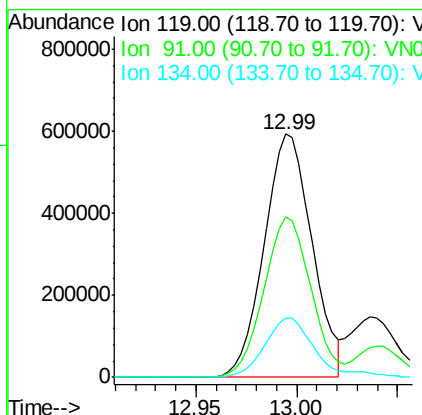
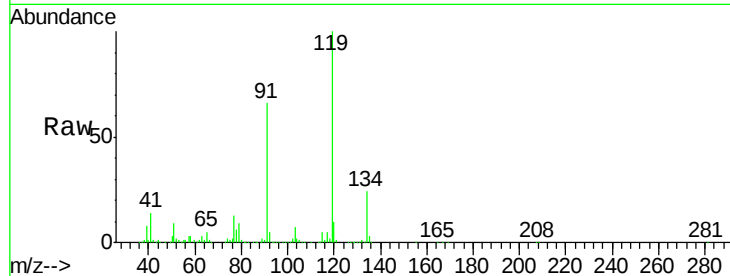
#83
 tert-Butylbenzene
 Concen: 15.73 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN049570.D
 Acq: 27 Jun 2018 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.8	33.7	101.0
134	25.5	12.9	38.6

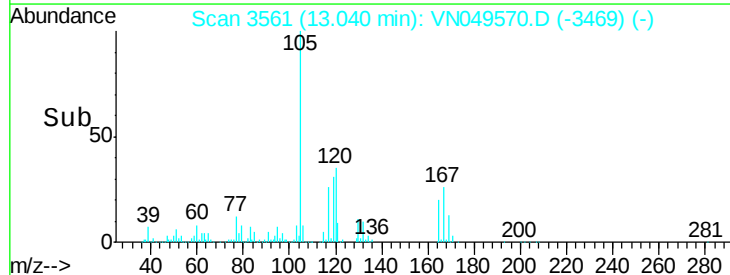
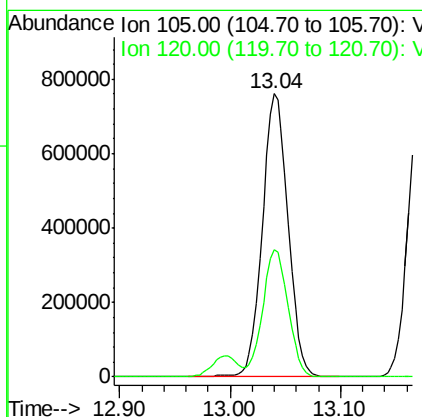
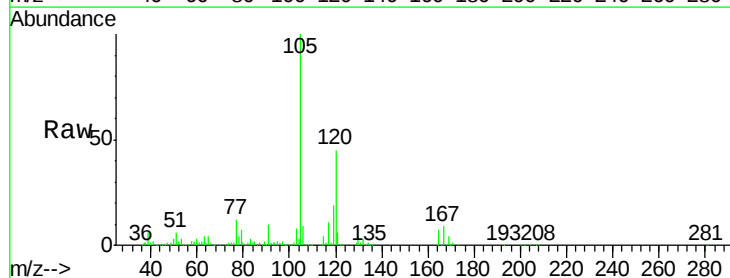
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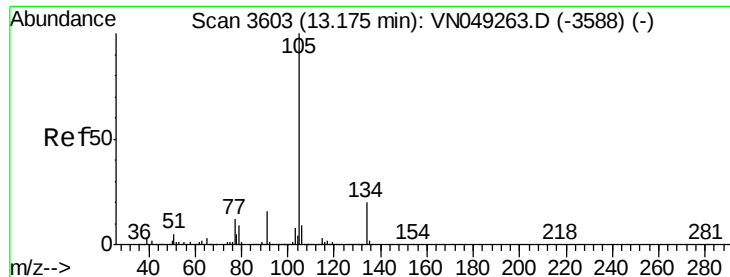
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#84
 1,2,4-Trimethylbenzene
 Concen: 17.63 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN049570.D
 Acq: 27 Jun 2018 14:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.2	66.6





#85

sec-Butylbenzene

Concen: 16.26 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBS01

Tot Ion:105 Resp: 1342091

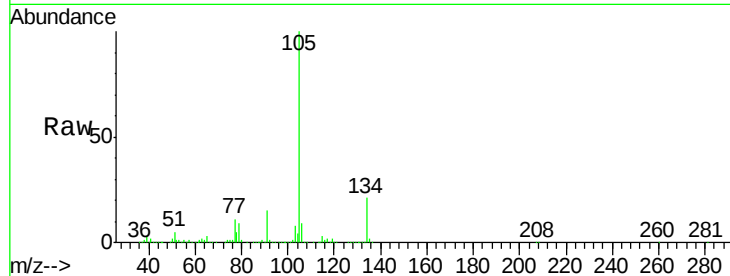
Ion Ratio Lower Upper

105 100

134 20.4 9.8 29.3

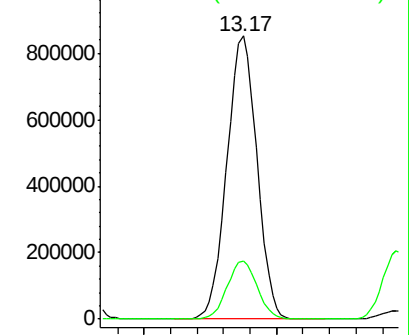
Manual Integrations
APPROVED

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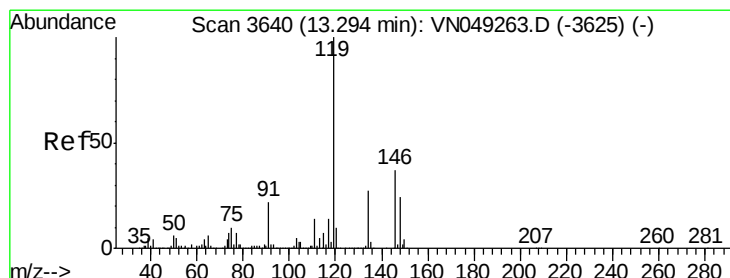
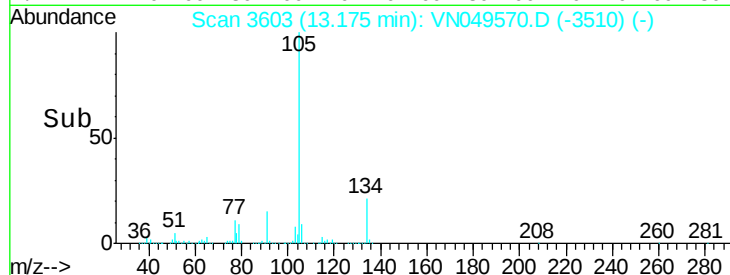


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 17.01 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

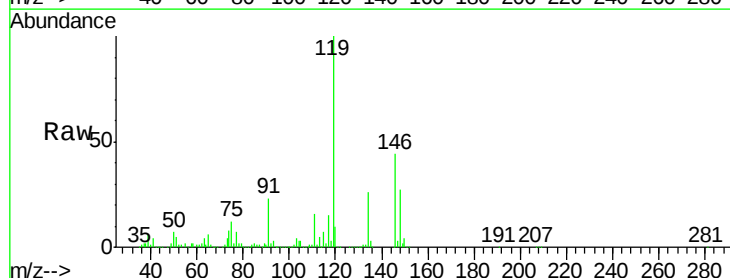
Tgt Ion:119 Resp: 1173301

Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.6

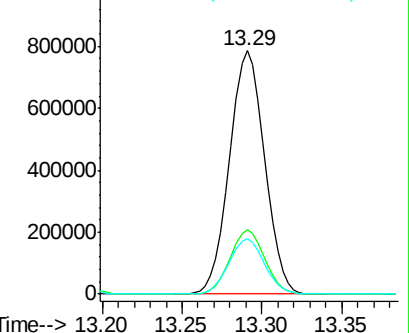
91 23.0 12.1 36.3



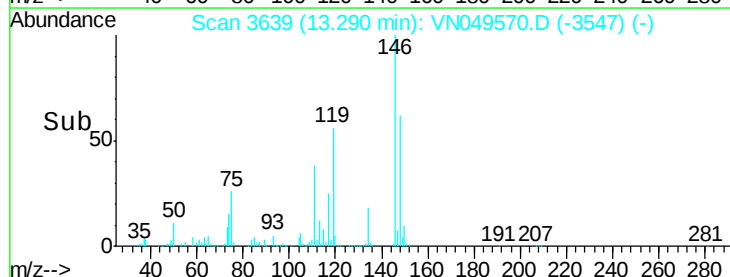
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->





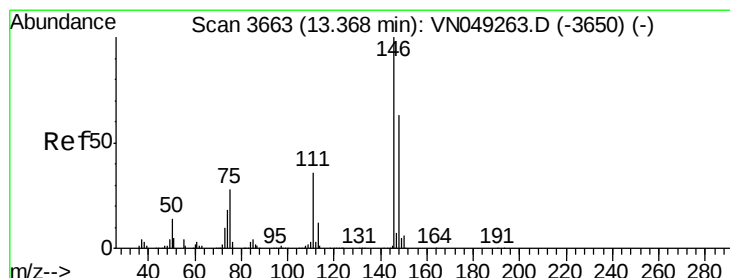
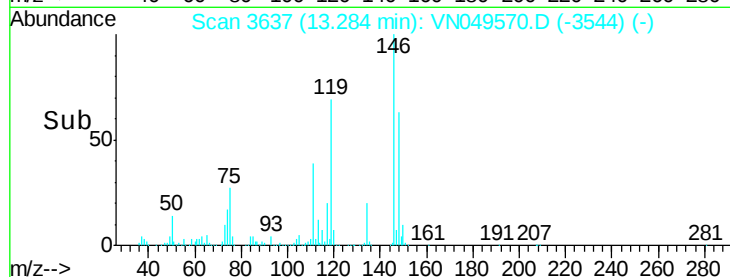
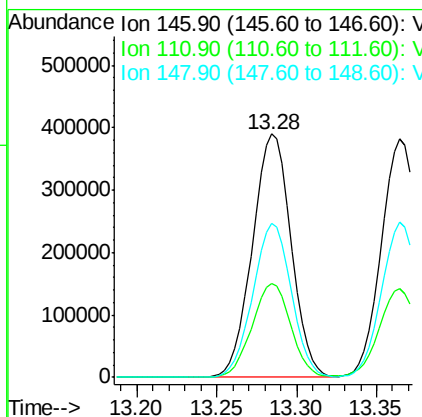
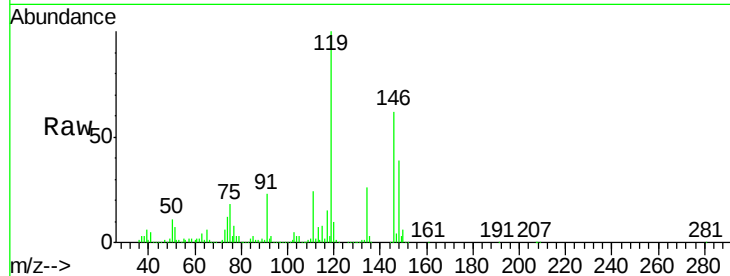
#87
 1,3-Dichlorobenzene
 Concen: 16.84 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN049570.D
 Acq: 27 Jun 2018 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.9	59.6
148	63.0	32.1	96.5

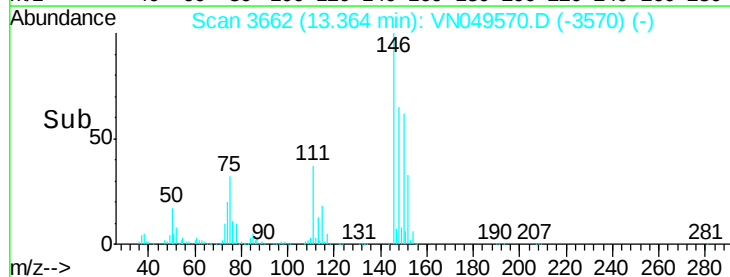
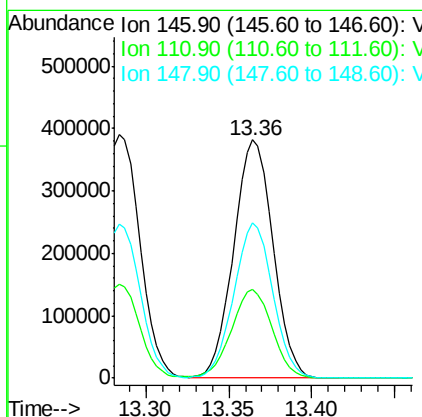
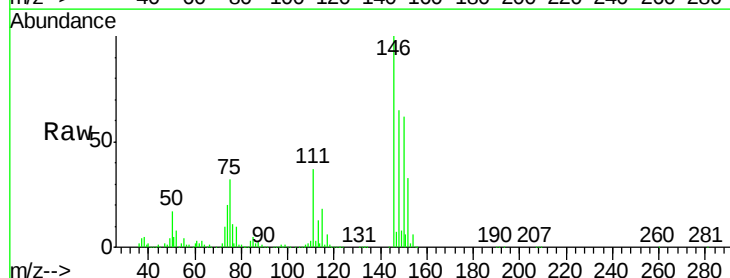
Manual Integrations
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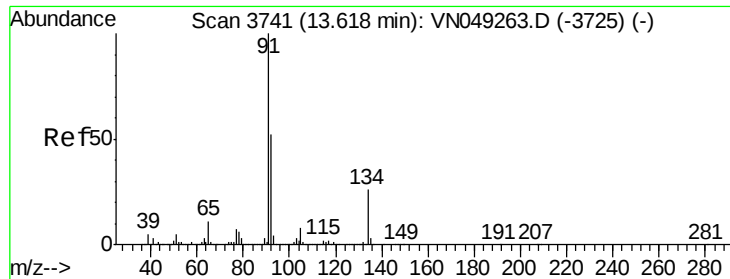
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#88
 1,4-Dichlorobenzene
 Concen: 16.43 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049570.D
 Acq: 27 Jun 2018 14:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.1
148	64.4	32.0	96.2





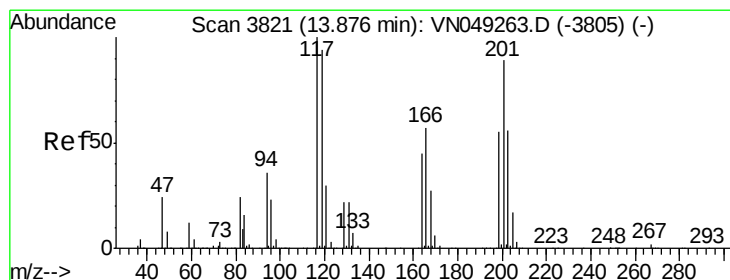
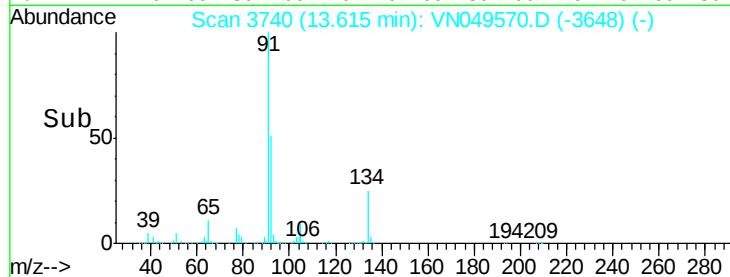
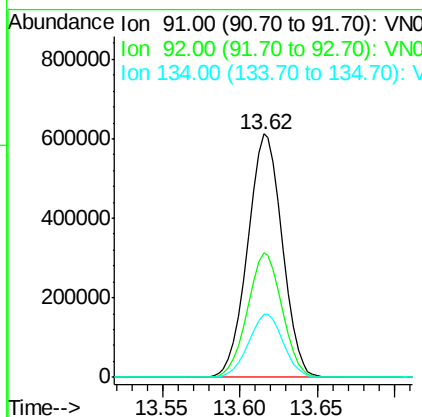
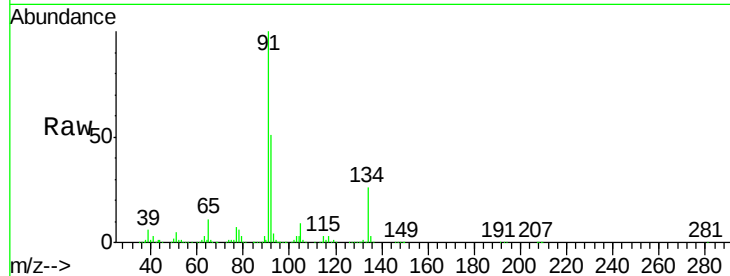
#89
n-Butylbenzene
Concen: 17.69 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.0	25.1	75.4
134	26.1	12.0	36.0

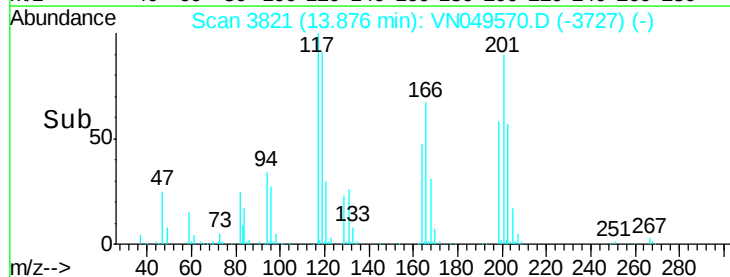
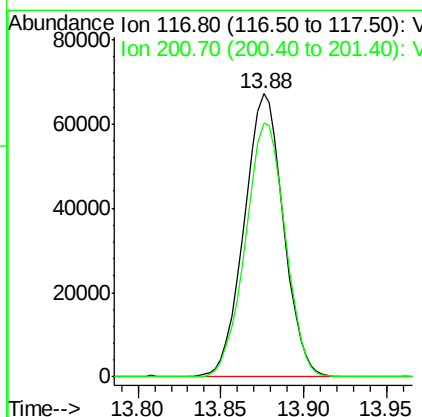
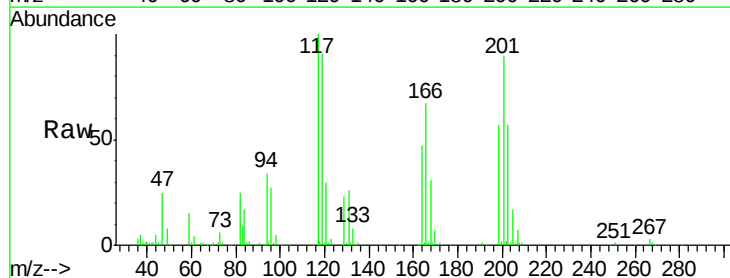
Manual Integrations
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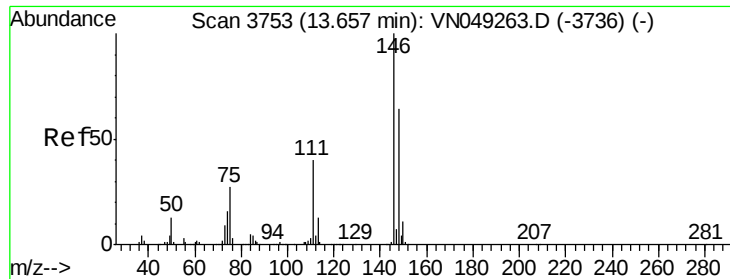
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#90
Hexachloroethane
Concen: 6.94 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049570.D
Acq: 27 Jun 2018 14:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.6	40.1	120.2





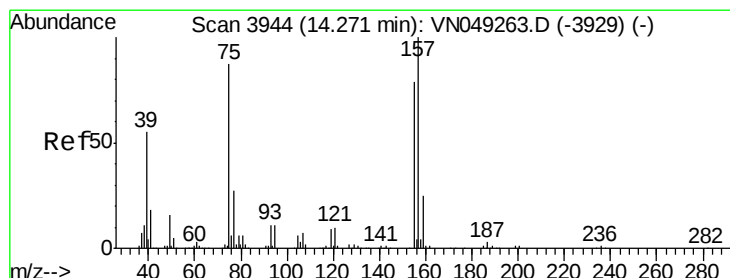
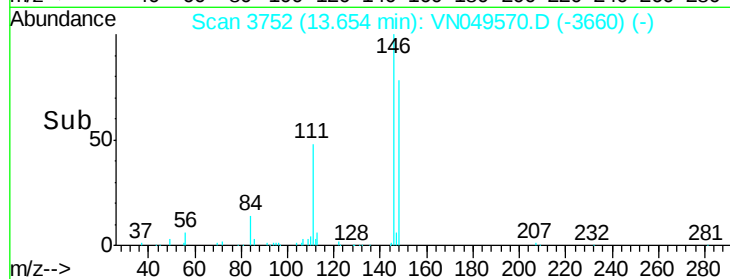
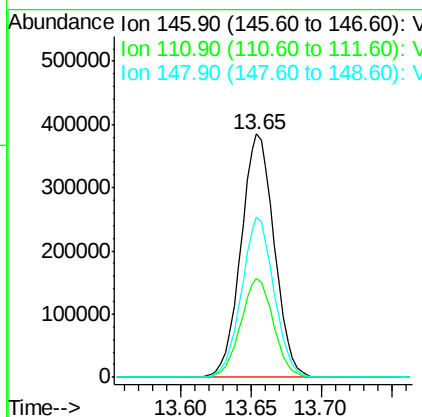
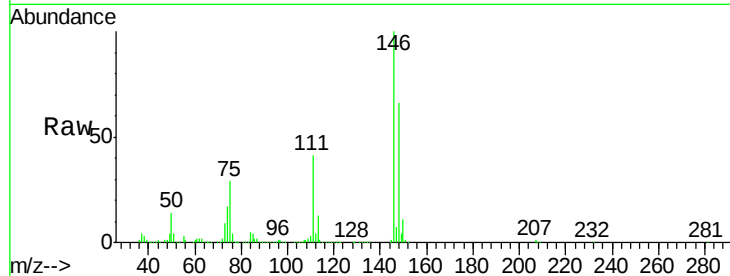
#91
 1,2-Dichlorobenzene
 Concen: 16.73 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN049570.D
 Acq: 27 Jun 2018 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.8	62.2
148	64.4	32.0	96.2

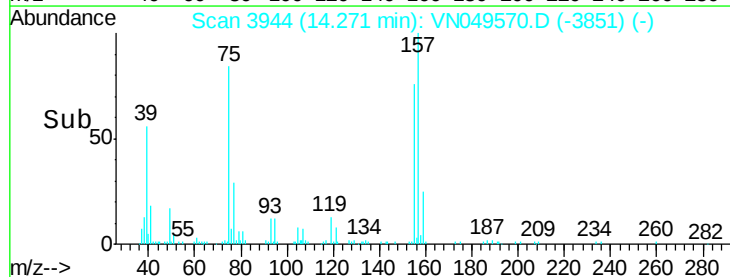
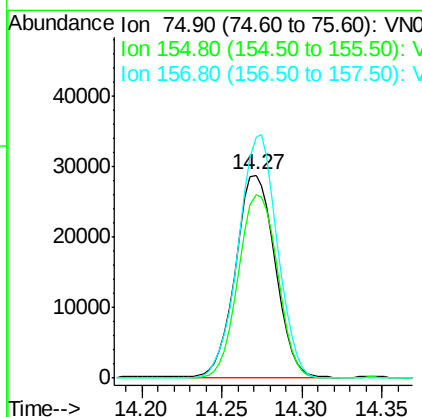
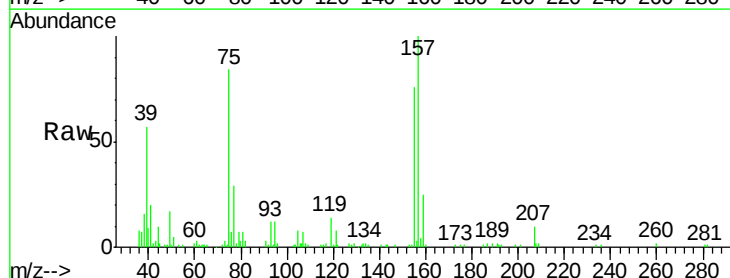
Manual Integrations
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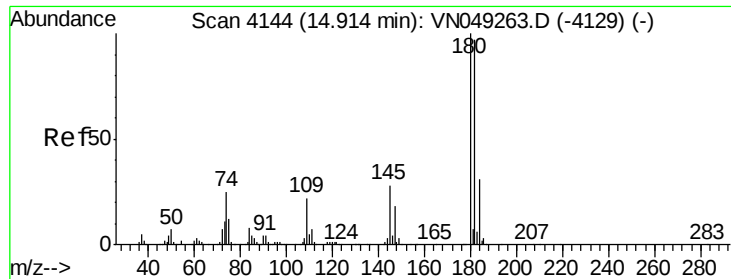
MMDadoda
 6/28/2018 4:38:09 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.79 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: VN049570.D
 Acq: 27 Jun 2018 14:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.6	38.8	116.3
157	117.3	51.0	153.1





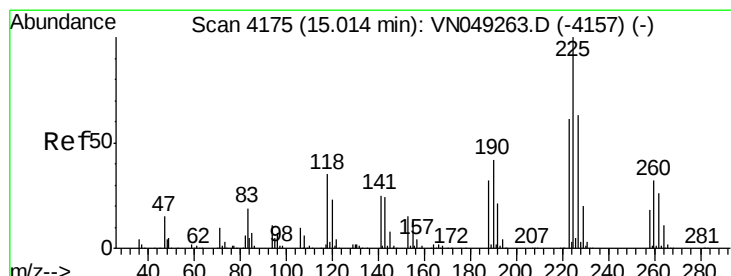
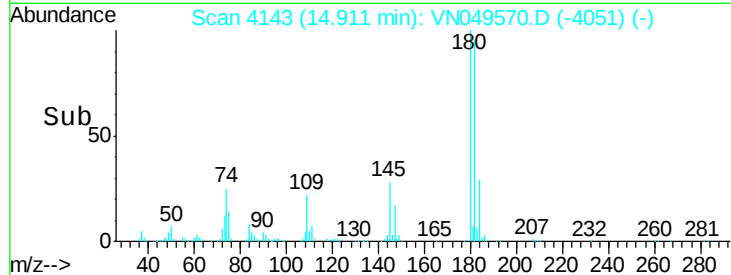
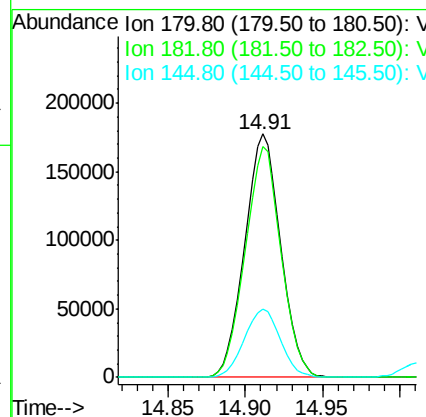
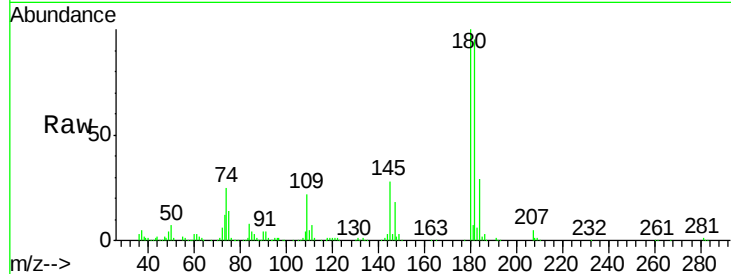
#93
 1,2,4-Trichlorobenzene
 Concen: 19.65 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049570.D
 Acq: 27 Jun 2018 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	286623		
182	94.6	46.9	140.8	
145	28.3	14.7	44.1	

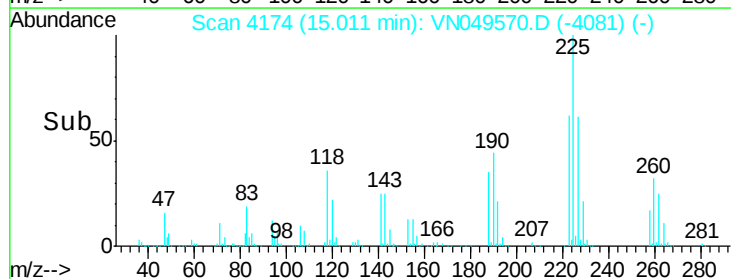
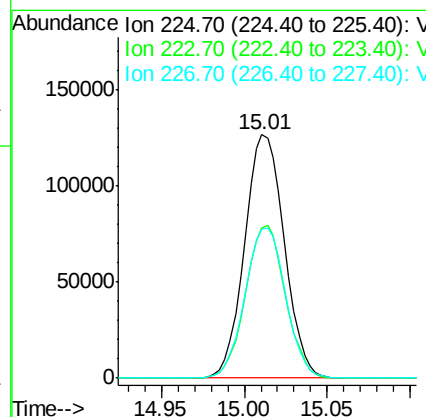
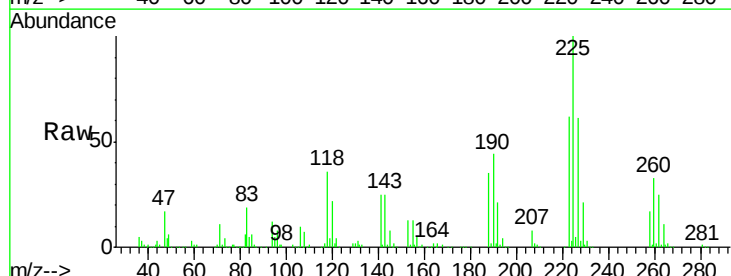
Manual Integrations
 APPROVED

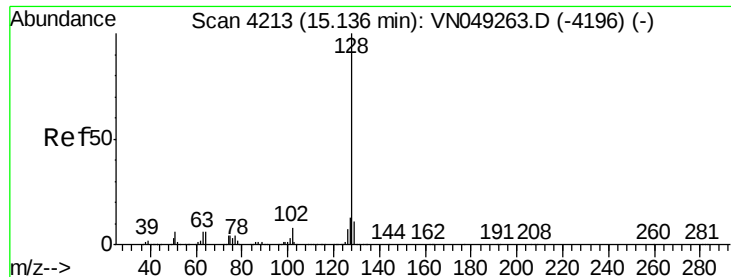
MMDadoda
 6/28/2018 4:38:09 PM



#94
 Hexachlorobutadiene
 Concen: 17.17 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN049570.D
 Acq: 27 Jun 2018 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	210487		
223	62.9	32.1	96.3	
227	63.2	31.8	95.3	





#95

Naphthalene

Concen: 21.23 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

Instrument :

MSVOA_N

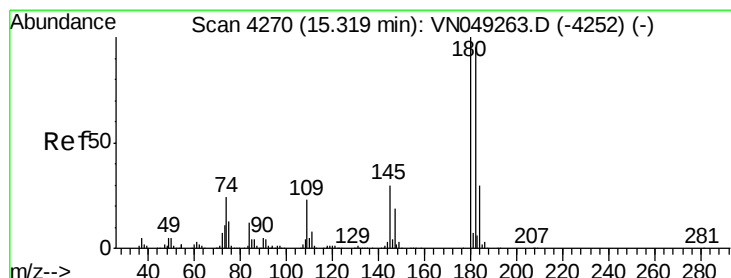
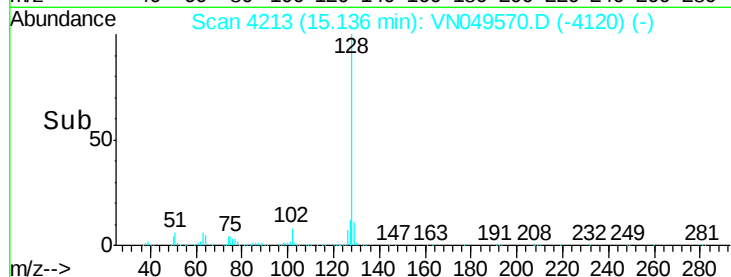
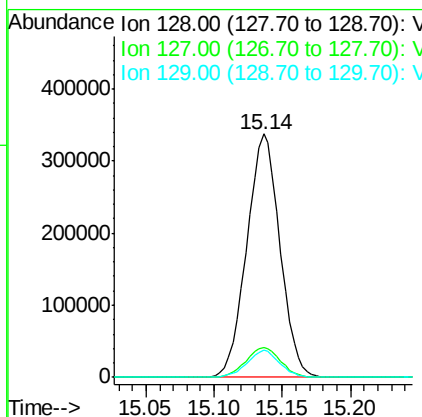
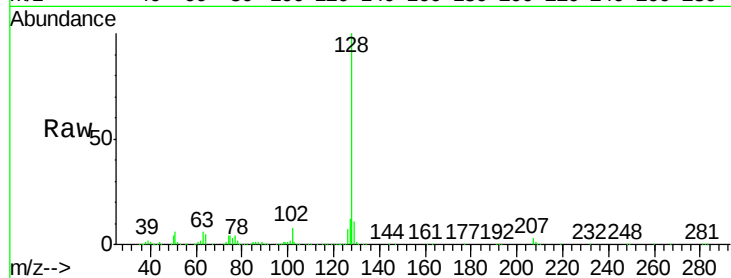
ClientSampleId :

VN0627WBS01

Tot Ion:	128	Resp:	569139
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	16.0
129	10.7	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
6/28/2018 4:38:09 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.77 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN049570.D

Acq: 27 Jun 2018 14:22

Tgt Ion:	180	Resp:	279768
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.3	141.8
145	31.1	15.6	46.7

