

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071318\
 Data File : VL032251.D
 Acq On : 13 Jul 2018 18:43
 Operator : SY/AP
 Sample : J3753-02
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MID

Manual Integrations
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 7/16/2018 8:08:22 AM

Quant Time: Jul 14 03:38:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071218AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 13 2018
 QLast Update : Fri Jul 13 04:25:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.85	49	1604920	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.39	114	3495316	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.34	117	4097719	10.00	ppbv	0.00

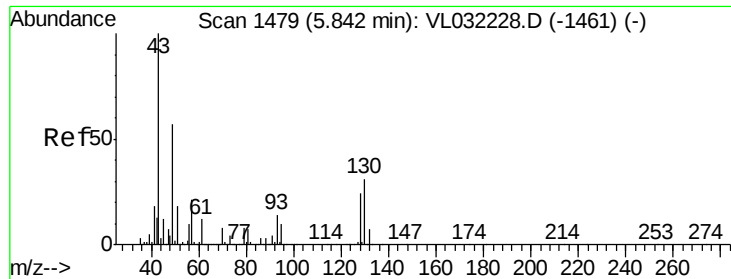
System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	3129692	9.87	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.70%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.13	85	127647	0.552	ppbv	95
3) Chlorodifluoromethane	3.06	51	93112m	0.472	ppbv	
4) Chloromethane	3.23	50	30744m	0.274	ppbv	
7) Chloroethane	3.66	64	53316	1.401	ppbv	98
9) Propene	3.09	41	191793	2.281	ppbv	91
10) Heptane	8.34	43	233142	0.976	ppbv	97
11) Trichlorofluoromethane	4.07	101	78056	0.353	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.62	101	277446	1.965	ppbv	98
13) Ethanol	3.74	45	10012894	412.606	ppbv	100
15) Acetone	3.96	43	7429753	39.894	ppbv	97
17) tert-Butyl alcohol	4.46	59	960583	11.047	ppbv	100
18) 1,1-Dichloroethene	4.42	96	110852	1.687	ppbv	94
19) Isopropyl Alcohol	4.13	45	6144353	50.244	ppbv #	99
20) Methylene Chloride	4.48	84	167522	2.654	ppbv	98
22) trans-1,2-Dichloroethene	5.04	96	91662	1.466	ppbv	93
24) 1,1-Dichloroethane	5.17	63	2472218	11.368	ppbv	98
26) Hexane	5.86	57	336946	2.004	ppbv #	69
30) Cyclohexane	7.33	84	81038	0.546	ppbv	95
31) cis-1,2-Dichloroethene	5.72	61	26966m	0.161	ppbv	
32) 1,1,1-Trichloroethane	6.71	97	15304524	60.770	ppbv	95
34) 2-Butanone	5.41	43	1620659	6.805	ppbv	99
35) Carbon Tetrachloride	7.22	117	12335m	0.052	ppbv	
36) Benzene	7.10	78	173142	0.498	ppbv #	93
44) 2,2,4-Trimethylpentane	8.08	57	1531846	2.564	ppbv	96
50) 4-Methyl-2-Pentanone	8.96	43	295624	0.718	ppbv	94
52) Tetrachloroethene	11.47	164	20270m	0.158	ppbv	
53) Toluene	10.04	91	2172103	5.289	ppbv	99
58) Ethyl Benzene	12.96	91	678968	1.138	ppbv	96
59) m/p-Xylene	13.22	91	2075645	4.228	ppbv	100
60) o-Xylene	13.94	91	836872	1.727	ppbv	99
61) Styrene	13.79	104	49252m	0.136	ppbv	
69) p-Isopropyltoluene	17.92	119	1713333	2.647	ppbv	99
72) 4-Ethyltoluene	16.10	105	261716m	0.481	ppbv	
73) 1,3,5-Trimethylbenzene	16.25	105	212259	0.420	ppbv	96
74) 1,2,4-Trimethylbenzene	17.02	105	889364	1.721	ppbv #	73
75) 1,3-Dichlorobenzene	17.26	146	601705	1.951	ppbv #	39
79) Naphthalene	22.54	128	115881m	0.334	ppbv	
80) Naphthalene,2-methyl-	25.19	142	50598	0.456	ppbv #	91

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



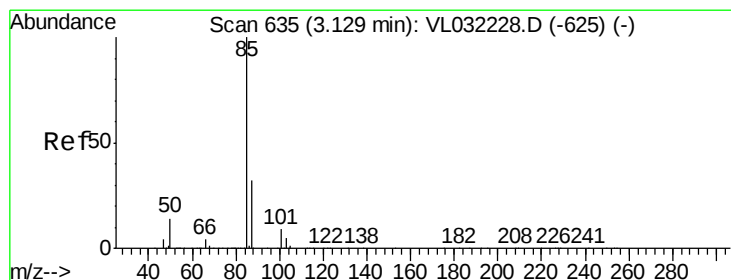
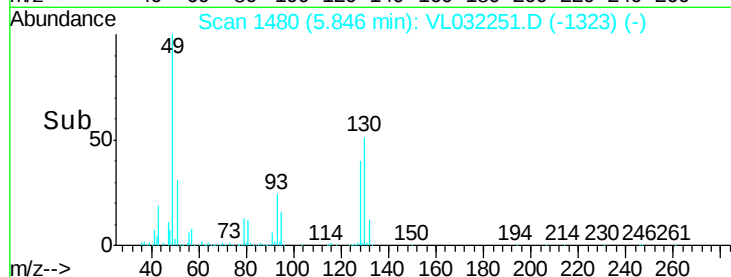
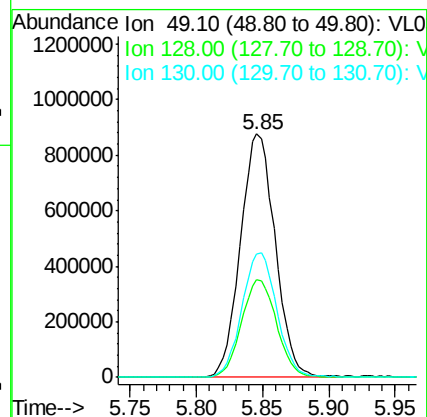
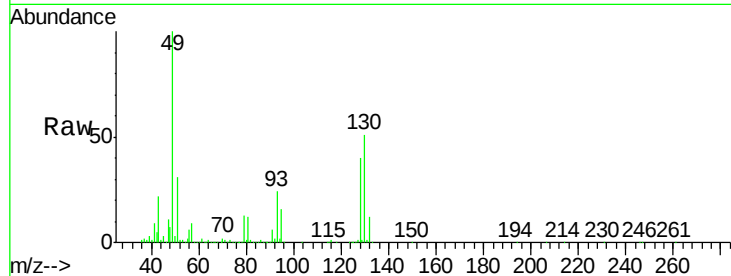
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.85 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VL032251.D
 Acq: 13 Jul 2018 18:43

Instrument :
 MSVOA_L
 ClientSampleID :
 MID

Tgt Ion: 49 Resp: 1604920
 Ion Ratio Lower Upper
 49 100
 128 40.5 20.9 62.8
 130 51.5 27.0 81.0

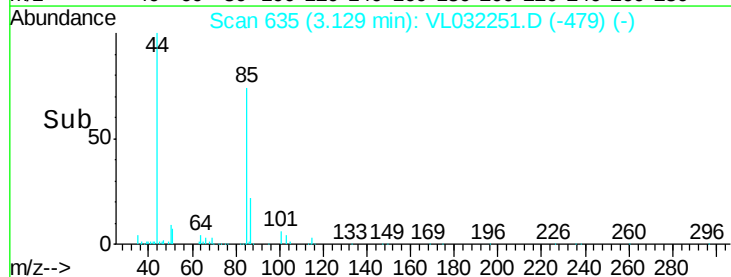
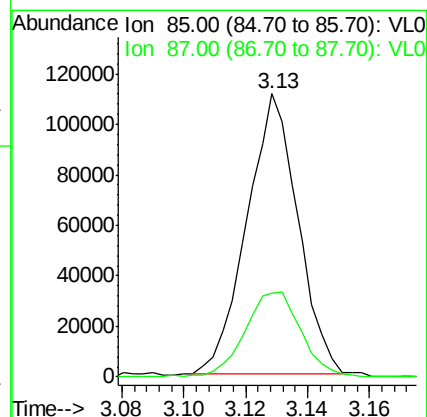
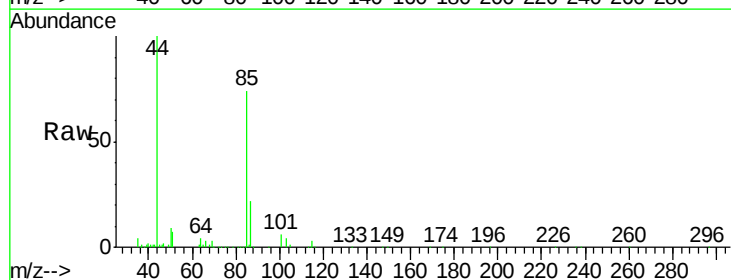
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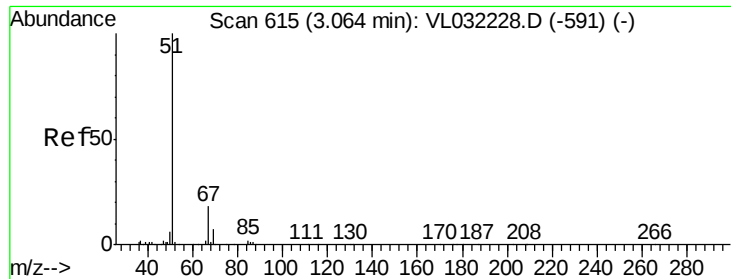
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#2
 Dichlorodifluoromethane
 Concen: 0.552 ppbv
 RT: 3.13 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: VL032251.D
 Acq: 13 Jul 2018 18:43

Tgt Ion: 85 Resp: 127647
 Ion Ratio Lower Upper
 85 100
 87 29.2 25.8 38.6





#3

Chlorodifluoromethane

Concen: 0.472 ppbv m

RT: 3.06 min Scan# 615

Delta R.T. 0.00 min

Lab File: VL032251.D

Acq: 13 Jul 2018 18:43

Instrument :

MSVOA_L

ClientSampled :

MID

Tgt Ion: 51 Resp: 93112

Ion Ratio Lower Upper

51 100

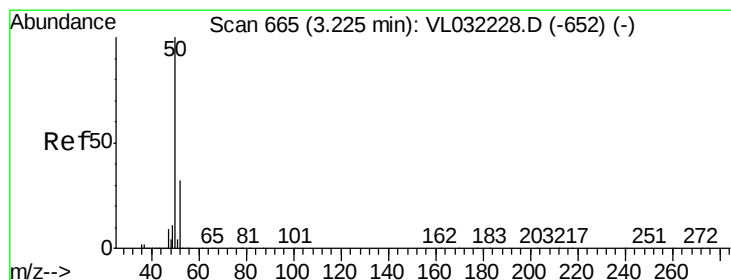
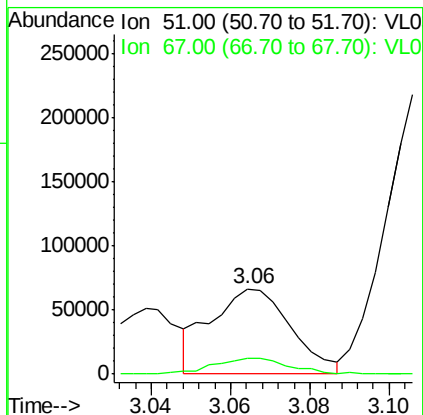
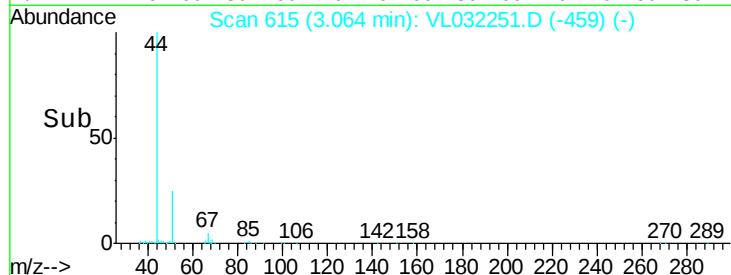
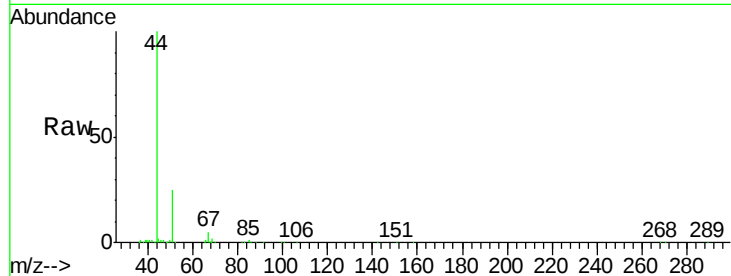
67 18.5 14.6 22.0

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#4

Chloromethane

Concen: 0.274 ppbv m

RT: 3.23 min Scan# 665

Delta R.T. 0.00 min

Lab File: VL032251.D

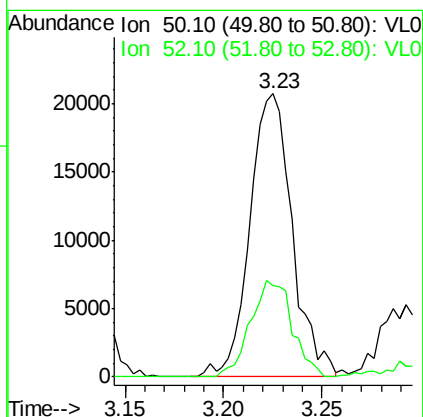
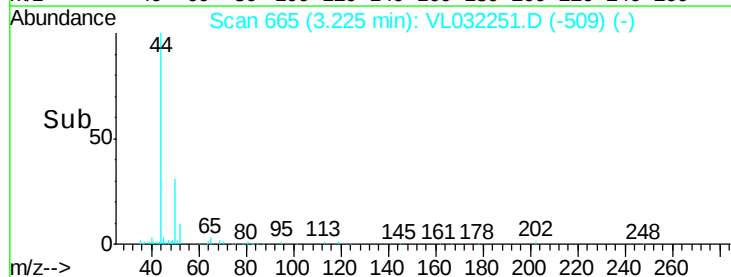
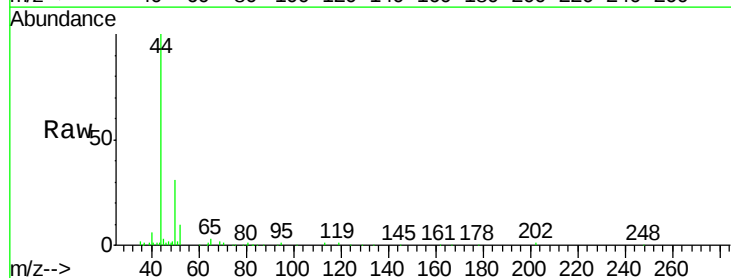
Acq: 13 Jul 2018 18:43

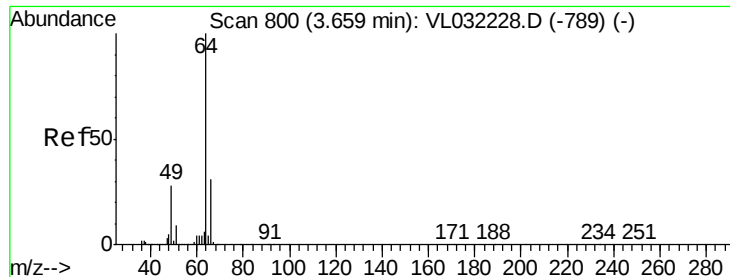
Tgt Ion: 50 Resp: 30744

Ion Ratio Lower Upper

50 100

52 32.4 25.7 38.5





#7

Chloroethane

Concen: 1.401 ppbv

RT: 3.66 min Scan# 800

Delta R.T. 0.00 min

Lab File: VL032251.D

Acq: 13 Jul 2018 18:43

Instrument :

MSVOA_L

ClientSampleId :

MID

Tgt Ion: 64 Resp: 53316

Ion Ratio Lower Upper

64 100

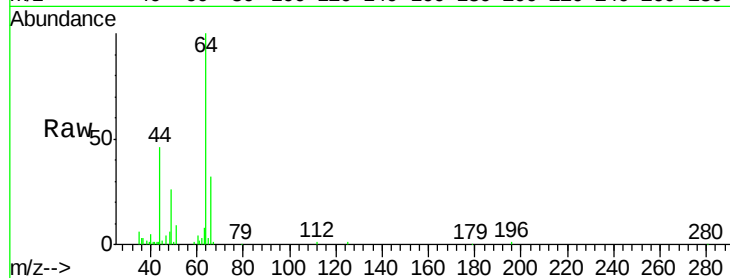
66 31.7 24.4 36.6

Manual Integrations

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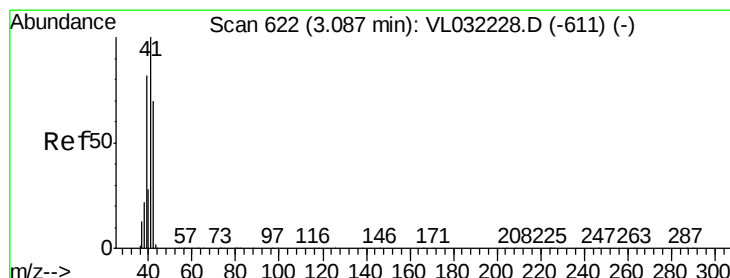
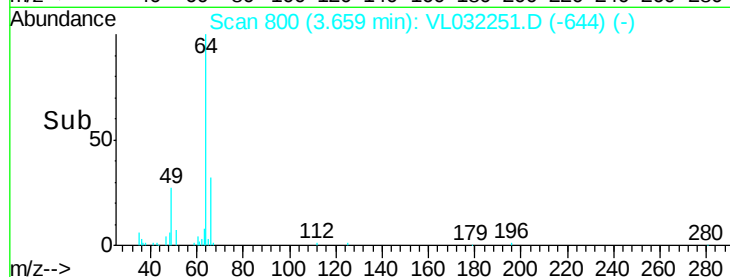
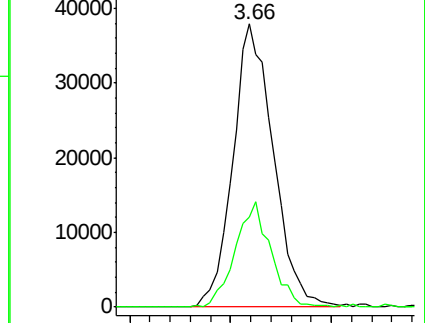
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Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#9

Propene

Concen: 2.281 ppbv

RT: 3.09 min Scan# 622

Delta R.T. 0.00 min

Lab File: VL032251.D

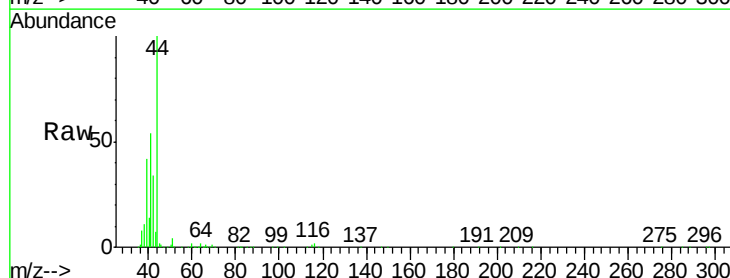
Acq: 13 Jul 2018 18:43

Tgt Ion: 41 Resp: 191793

Ion Ratio Lower Upper

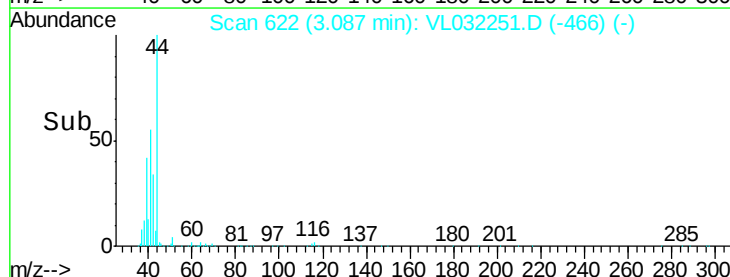
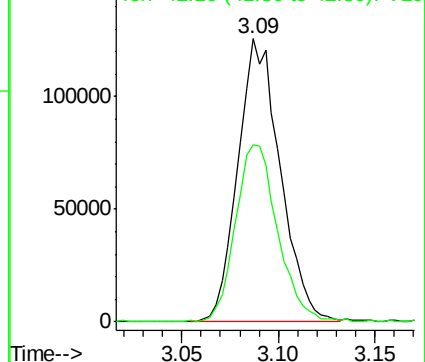
41 100

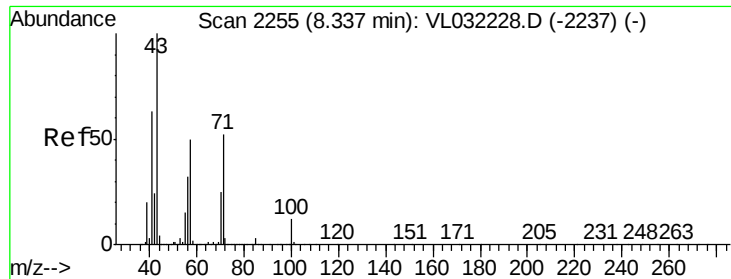
42 62.6 56.2 84.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





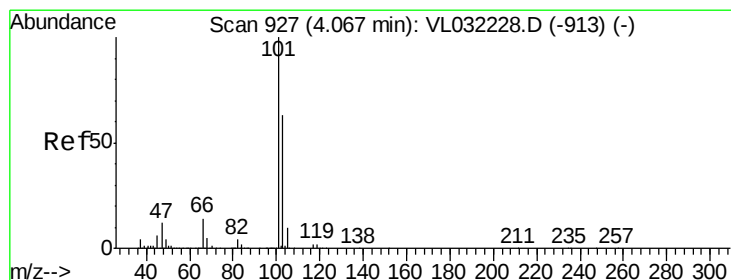
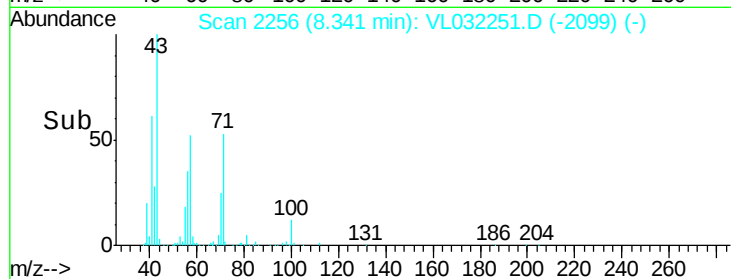
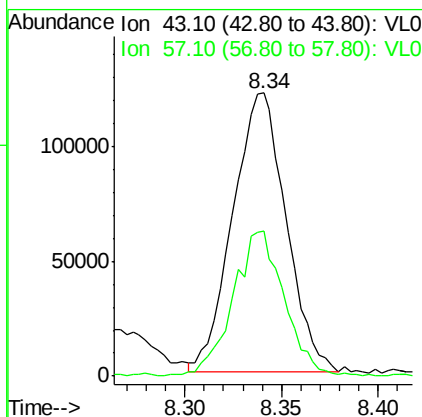
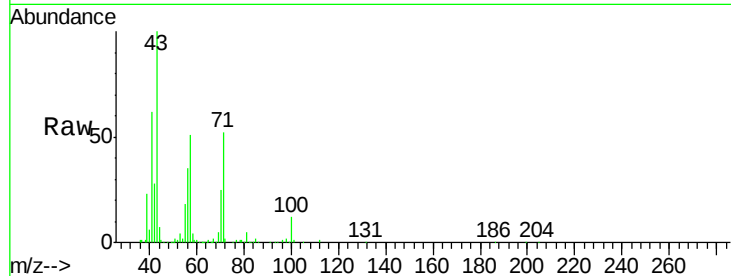
#10
 Heptane
 Concen: 0.976 ppbv
 RT: 8.34 min Scan# 2256
 Delta R.T. 0.00 min
 Lab File: VL032251.D
 Acq: 13 Jul 2018 18:43

Instrument :
 MSVOA_L
 ClientSampled :
 MID

Tgt Ion: 43 Resp: 233142
 Ion Ratio Lower Upper
 43 100
 57 48.9 40.7 61.1

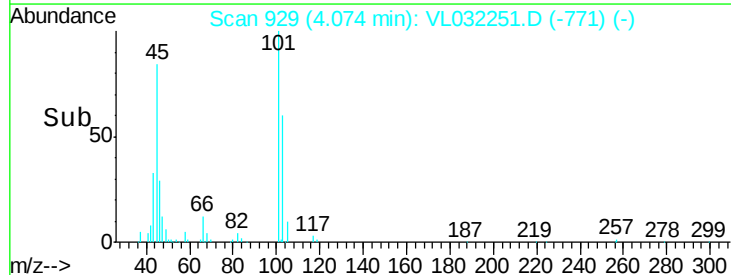
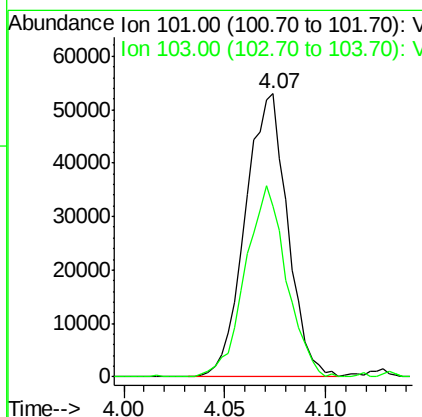
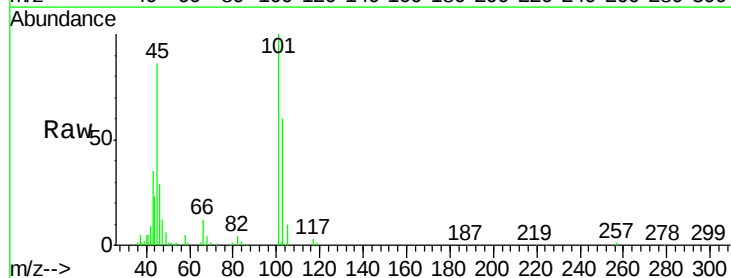
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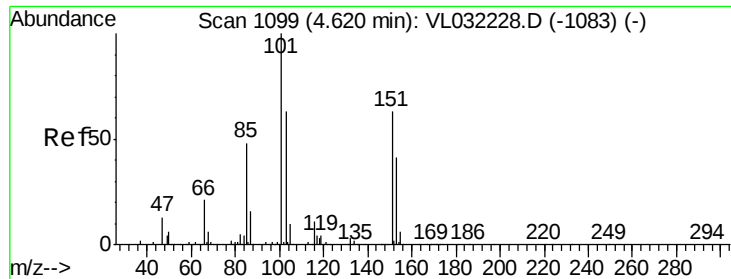
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#11
 Trichlorofluoromethane
 Concen: 0.353 ppbv
 RT: 4.07 min Scan# 929
 Delta R.T. 0.01 min
 Lab File: VL032251.D
 Acq: 13 Jul 2018 18:43

Tgt Ion: 101 Resp: 78056
 Ion Ratio Lower Upper
 101 100
 103 60.4 50.2 75.2





#12

1,1,2-Trichlorotrifluoroethane

Concen: 1.965 ppbv

RT: 4.62 min Scan# 1100

Delta R.T. 0.00 min

Lab File: VL032251.D

Acq: 13 Jul 2018 18:43

Instrument :

MSVOA_L

ClientSampleId :

MID

Tgt Ion: 101 Resp: 277446

Ion Ratio Lower Upper

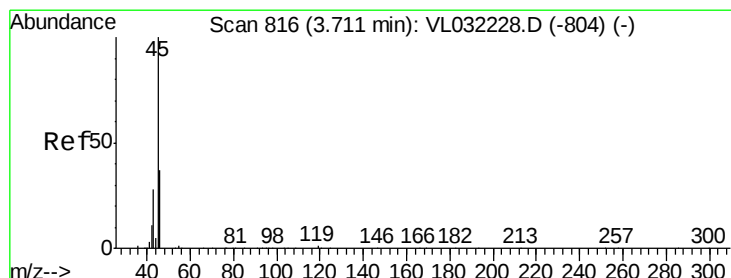
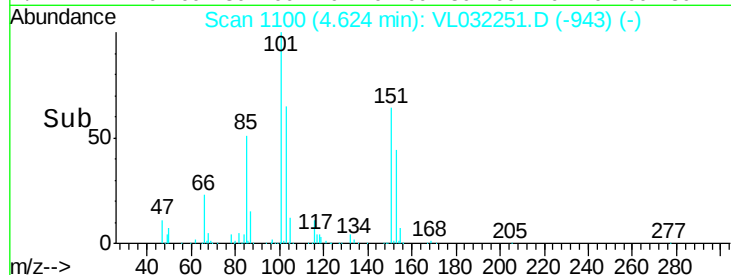
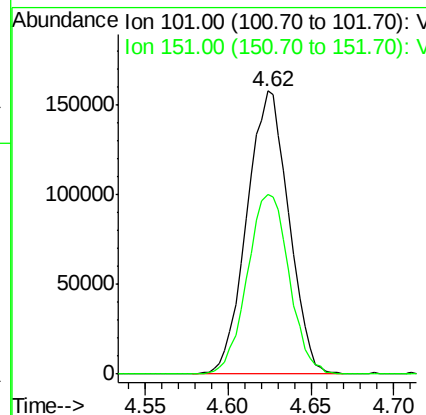
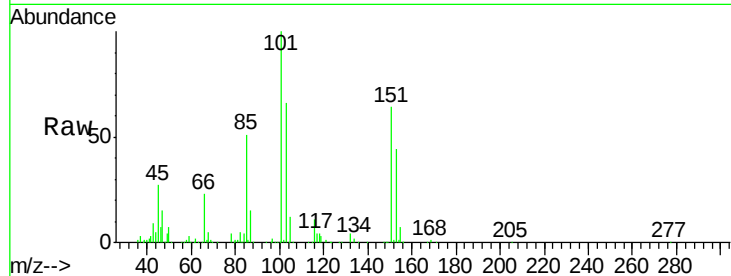
101 100

151 63.5 52.2 78.2

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#13

Ethanol

Concen: 412.606 ppbv

RT: 3.74 min Scan# 824

Delta R.T. 0.03 min

Lab File: VL032251.D

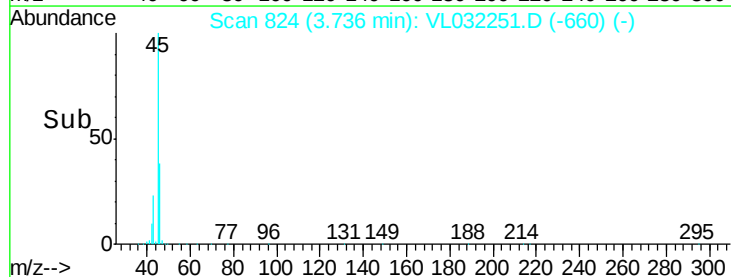
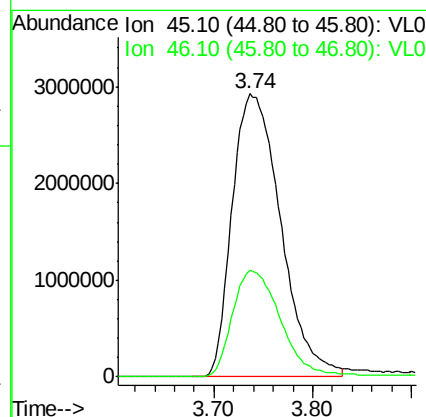
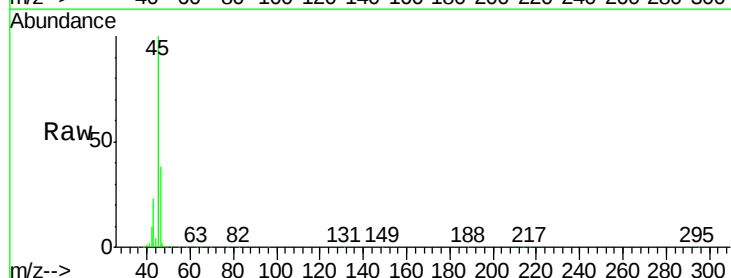
Acq: 13 Jul 2018 18:43

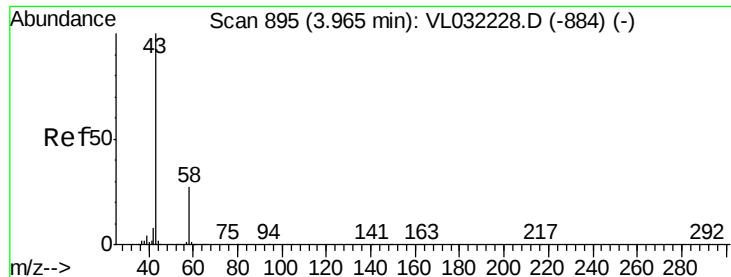
Tgt Ion: 45 Resp: 10012894

Ion Ratio Lower Upper

45 100

46 38.5 15.5 61.9





#15

Acetone

Concen: 39.894 ppbv

RT: 3.96 min Scan# 895

Delta R.T. 0.00 min

Lab File: VL032251.D

Acq: 13 Jul 2018 18:43

Instrument :

MSVOA_L

ClientSampleId :

MID

Tgt Ion: 43 Resp: 7429753

Ion Ratio Lower Upper

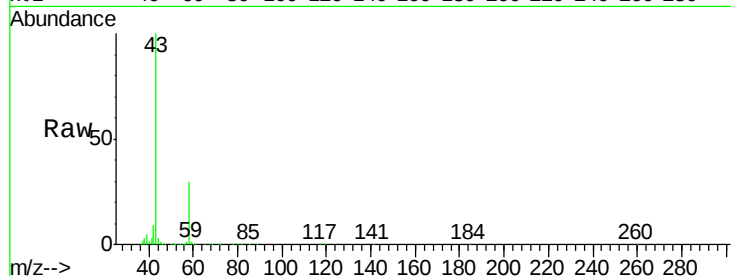
43 100

58 28.3 21.5 32.3

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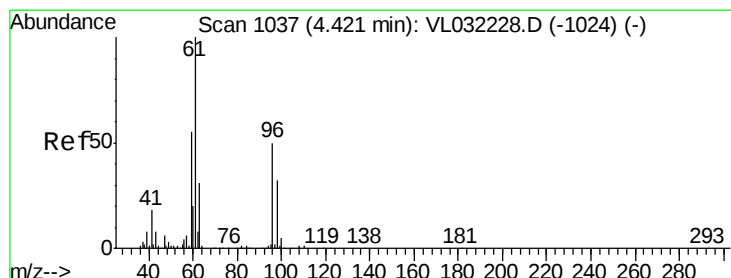
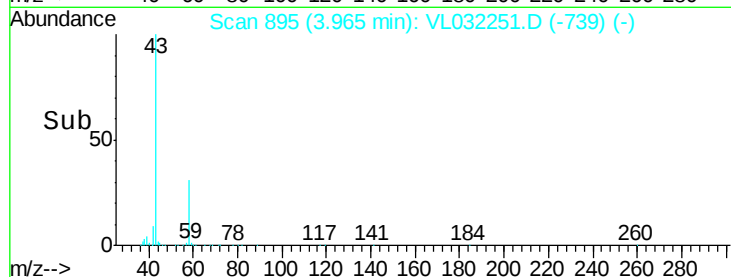
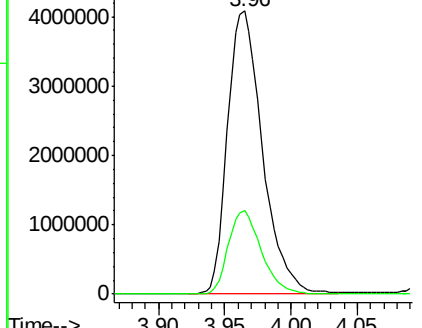
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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#17

tert-Butyl alcohol

Concen: 11.047 ppbv

RT: 4.46 min Scan# 1049

Delta R.T. 0.04 min

Lab File: VL032251.D

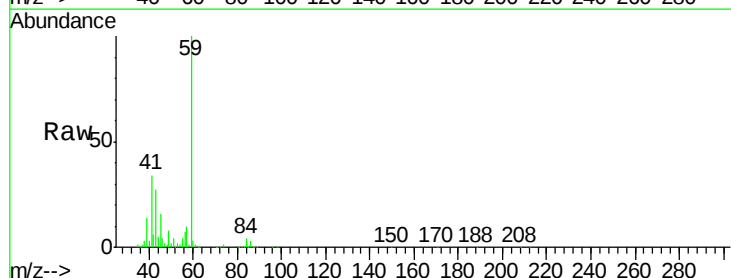
Acq: 13 Jul 2018 18:43

Tgt Ion: 59 Resp: 960583

Ion Ratio Lower Upper

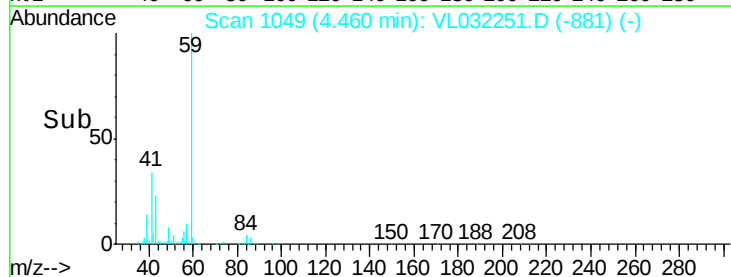
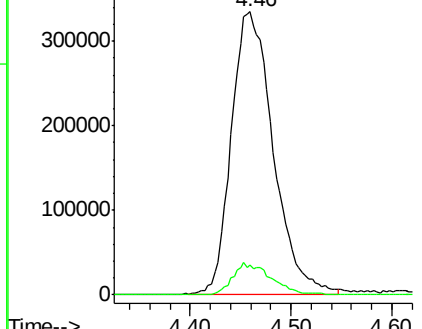
59 100

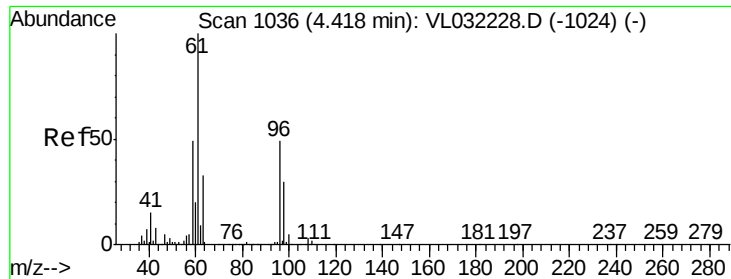
57 10.6 8.4 12.6



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





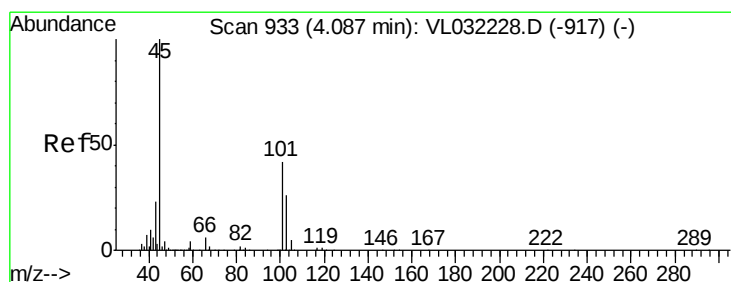
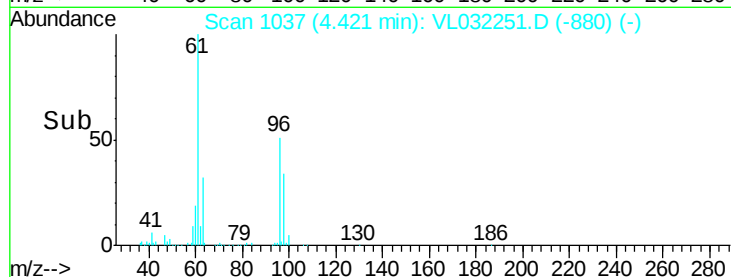
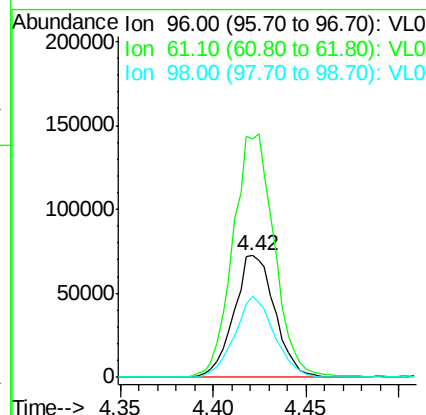
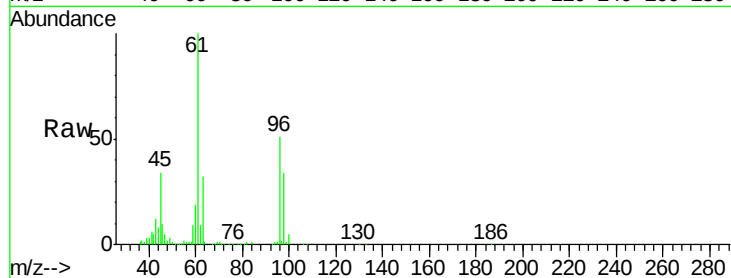
#18
 1,1-Dichloroethene
 Concen: 1.687 ppbv
 RT: 4.42 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VL032251.D
 Acq: 13 Jul 2018 18:43

Instrument :
 MSVOA_L
 ClientSampled :
 MID

Tgt Ion	Ratio	Lower	Upper
96	100		
61	194.3	163.0	244.4
98	66.3	48.5	72.7

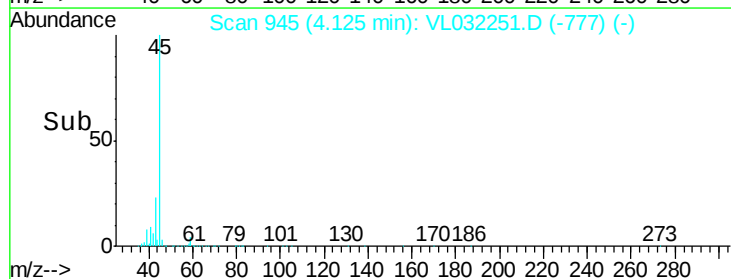
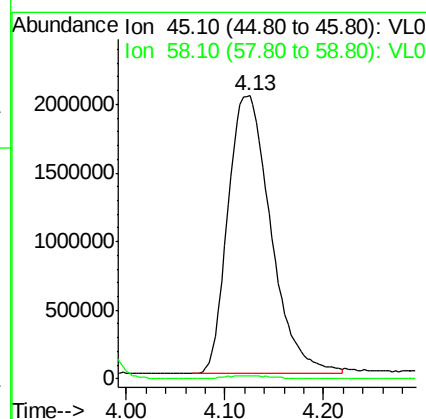
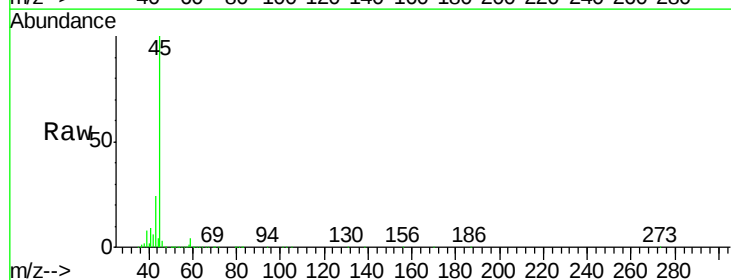
Manual Integrations
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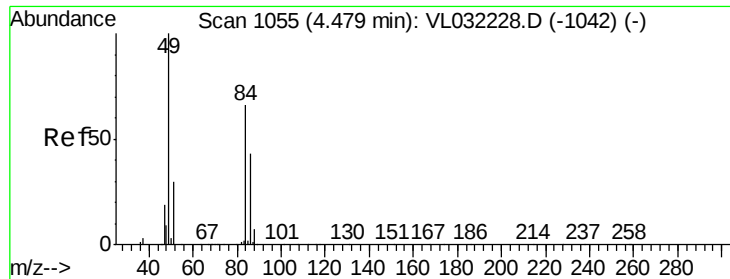
apatel
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#19
 Isopropyl Alcohol
 Concen: 50.244 ppbv
 RT: 4.13 min Scan# 945
 Delta R.T. 0.04 min
 Lab File: VL032251.D
 Acq: 13 Jul 2018 18:43

Tgt Ion	Ratio	Lower	Upper
45	100		
58	1.2	1.3	1.9#





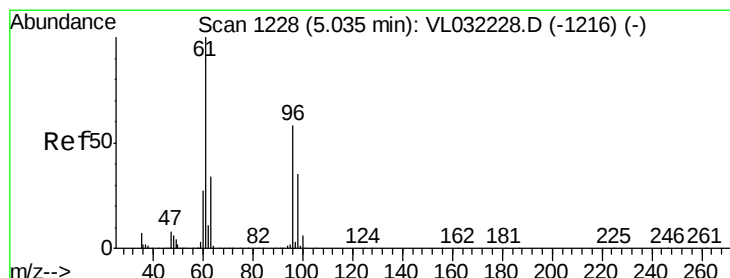
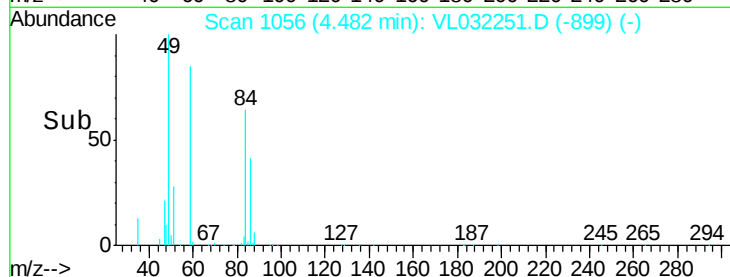
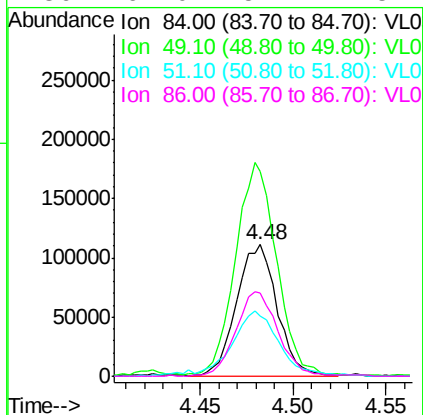
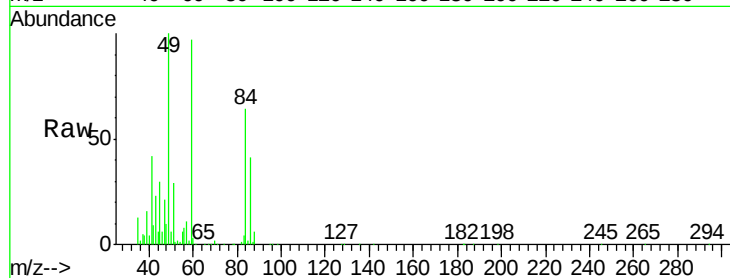
#20
Methylene Chloride
Concen: 2.654 ppbv
RT: 4.48 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VL032251.D
Acq: 13 Jul 2018 18:43

Instrument :
MSVOA_L
ClientSampleId :
MID

Tgt Ion	Ratio	Lower	Upper
84	100		
49	154.8	121.8	182.6
51	45.2	36.3	54.5
86	64.0	52.1	78.1

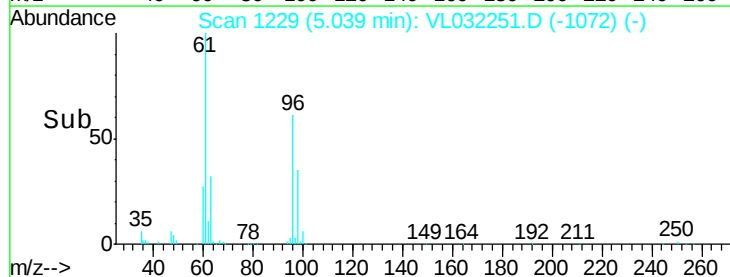
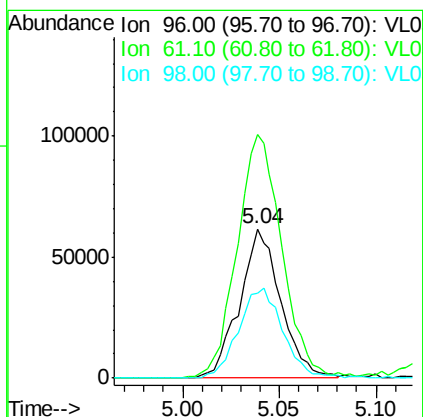
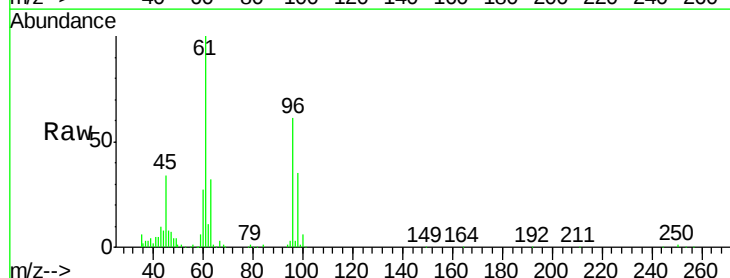
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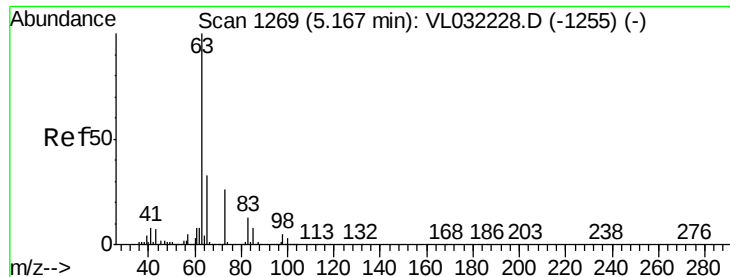
apatel
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#22
trans-1,2-Dichloroethene
Concen: 1.466 ppbv
RT: 5.04 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VL032251.D
Acq: 13 Jul 2018 18:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.4	139.1	208.7
98	56.8	48.4	72.6





#24

1,1-Dichloroethane

Concen: 11.368 ppbv

RT: 5.17 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VL032251.D

Acq: 13 Jul 2018 18:43

Instrument :

MSVOA_L

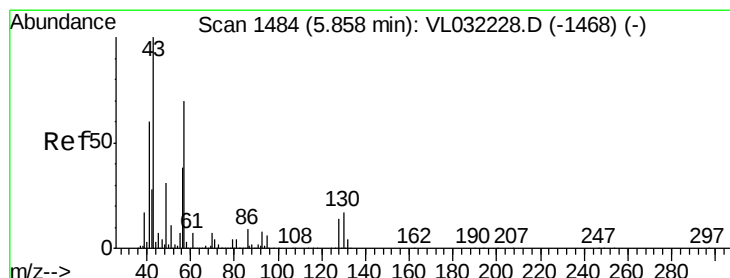
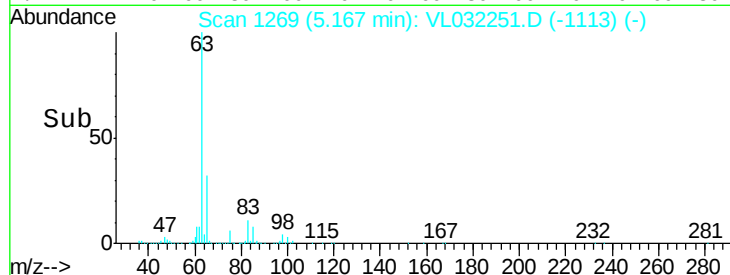
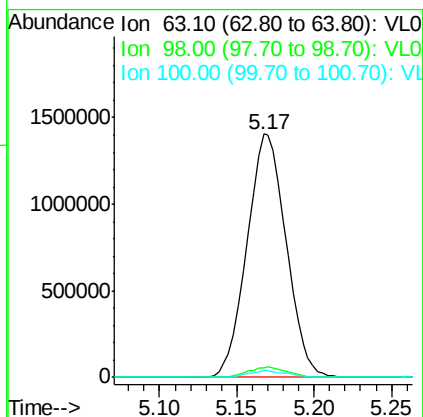
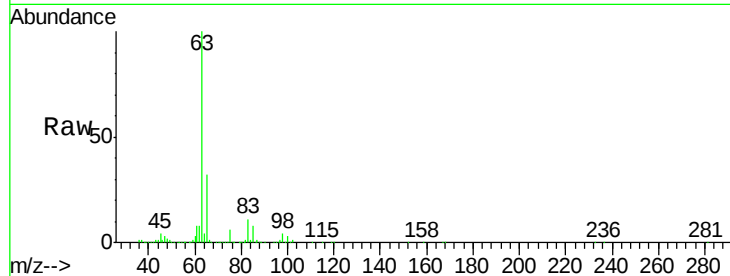
ClientSampled :

MID

Tgt Ion:	63	Resp:	2472218
Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.4	7.1
100	2.6	1.5	4.4

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#26

Hexane

Concen: 2.004 ppbv

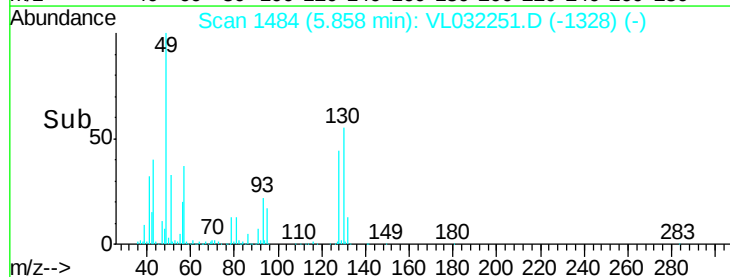
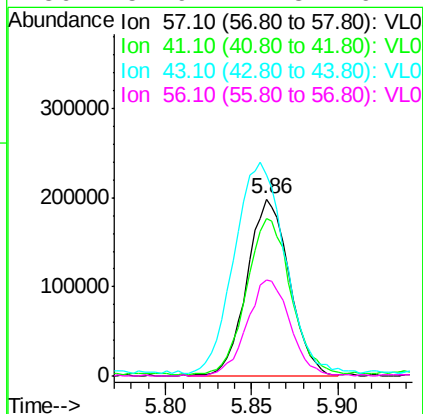
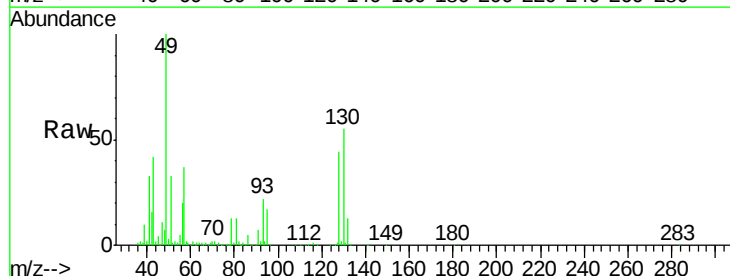
RT: 5.86 min Scan# 1484

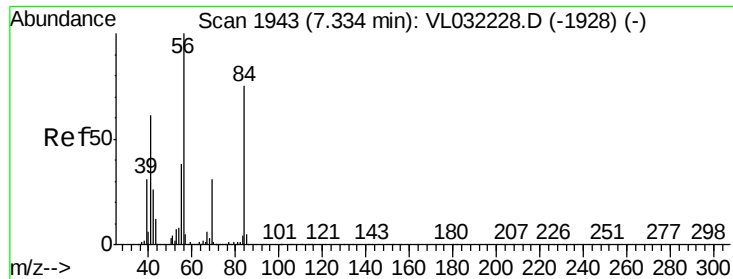
Delta R.T. 0.00 min

Lab File: VL032251.D

Acq: 13 Jul 2018 18:43

Tgt Ion:	57	Resp:	336946
Ion	Ratio	Lower	Upper
57	100		
41	93.5	68.7	103.1
43	144.6	176.2	264.2#
56	54.9	42.8	64.2





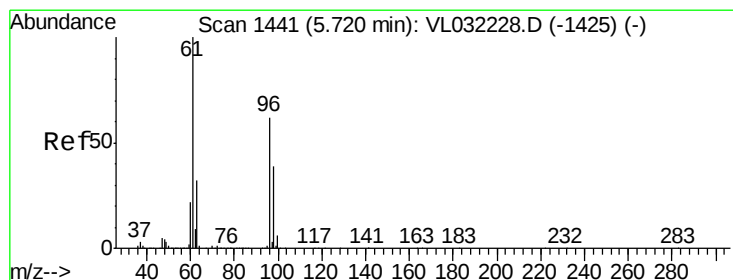
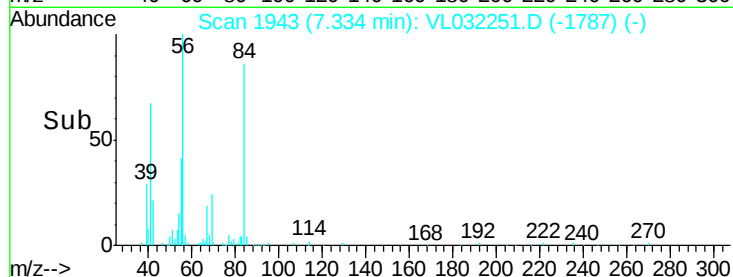
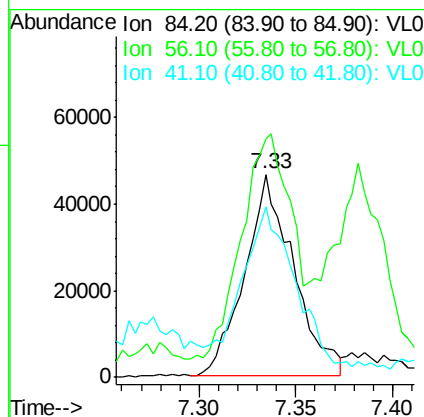
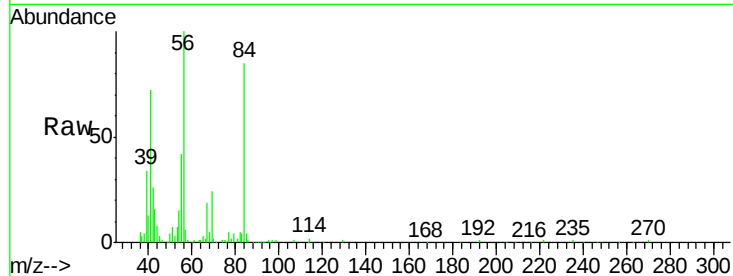
#30
Cyclohexane
Concen: 0.546 ppbv
RT: 7.33 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VL032251.D
Acq: 13 Jul 2018 18:43

Instrument :
MSVOA_L
ClientSampleId :
MID

Tgt Ion	Ratio	Lower	Upper
84	100		
56	139.1	112.6	168.8
41	95.0	67.0	100.6

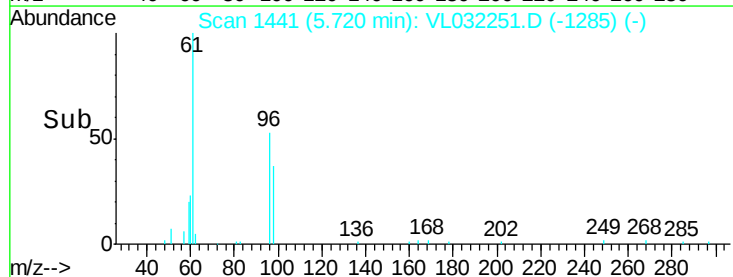
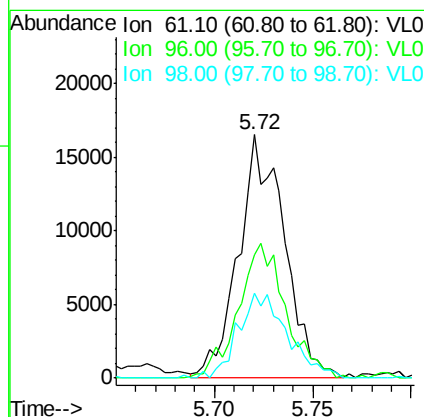
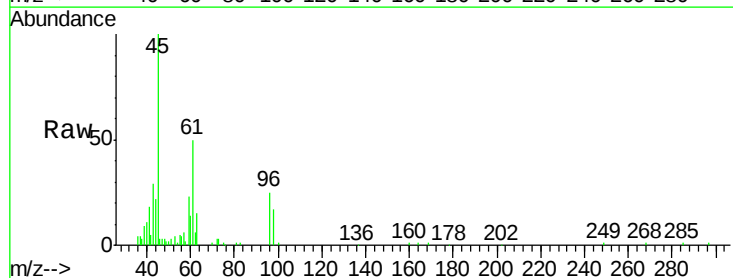
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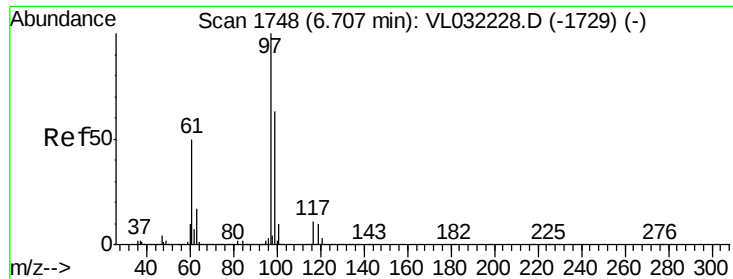
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#31
cis-1,2-Dichloroethene
Concen: 0.161 ppbv m
RT: 5.72 min Scan# 1441
Delta R.T. 0.00 min
Lab File: VL032251.D
Acq: 13 Jul 2018 18:43

Tgt Ion	Ratio	Lower	Upper
61	100		
96	50.8	49.8	74.8
98	34.6	31.4	47.2





#32

1,1,1-Trichloroethane

Concen: 60.770 ppbv

RT: 6.71 min Scan# 1748

Delta R.T. 0.00 min

Lab File: VL032251.D

Acq: 13 Jul 2018 18:43

Instrument :

MSVOA_L

ClientSampleId :

MID

Tgt Ion: 97 Resp:15304524

Ion Ratio Lower Upper

97 100

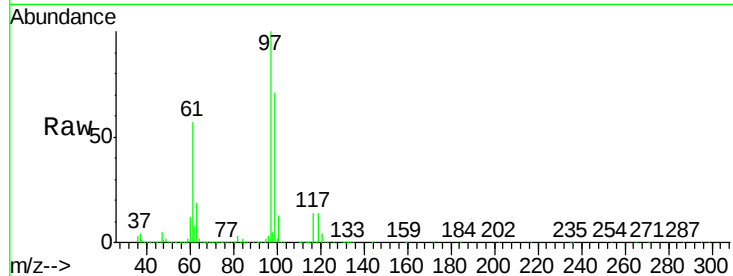
99 68.7 51.2 76.8

61 54.2 41.3 61.9

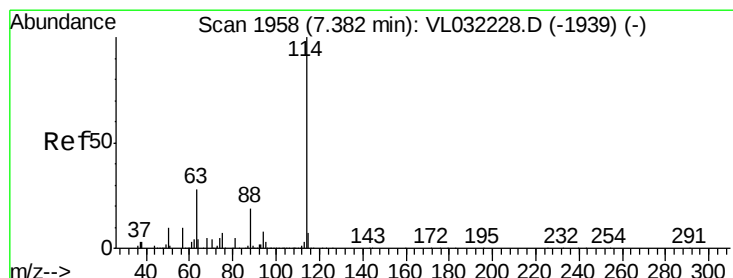
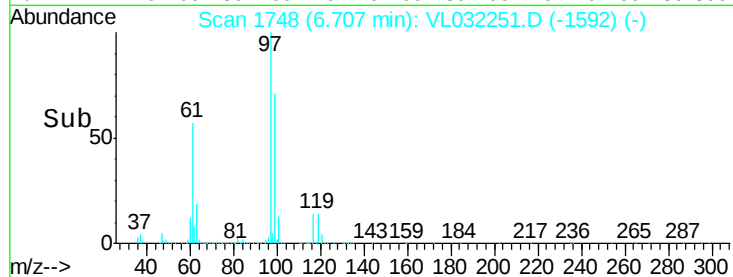
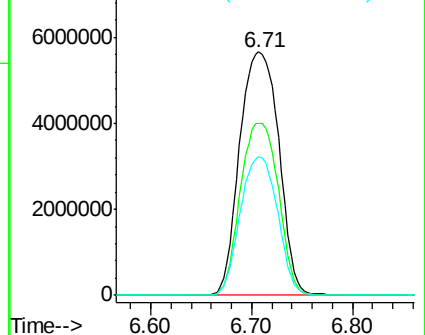
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Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.39 min Scan# 1959

Delta R.T. 0.00 min

Lab File: VL032251.D

Acq: 13 Jul 2018 18:43

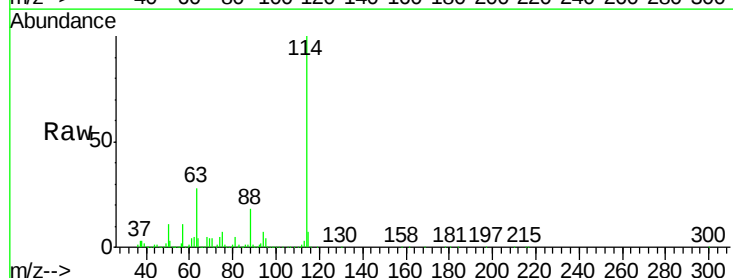
Tgt Ion:114 Resp: 3495316

Ion Ratio Lower Upper

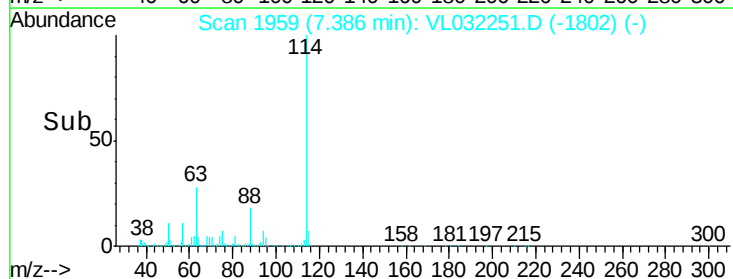
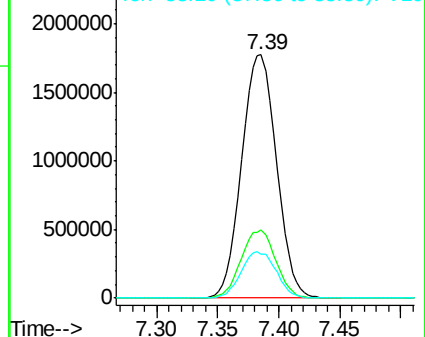
114 100

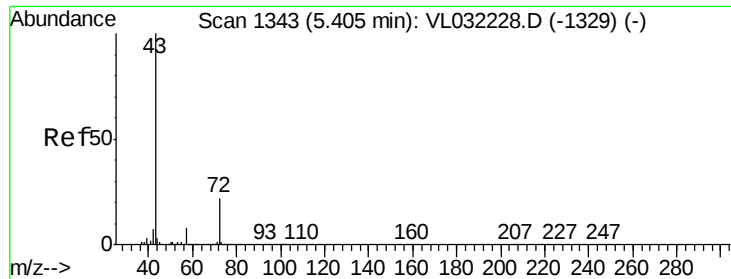
63 27.9 22.5 33.7

88 19.3 15.4 23.0



Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





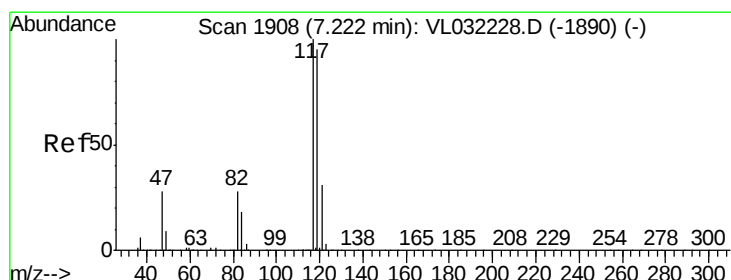
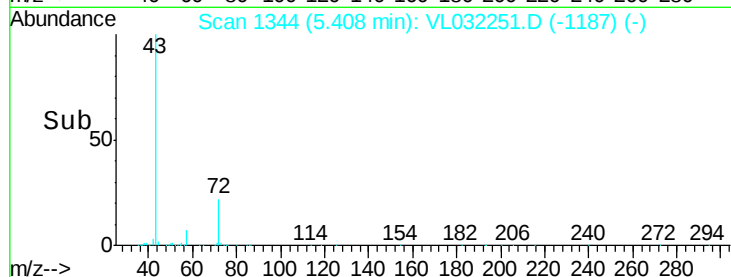
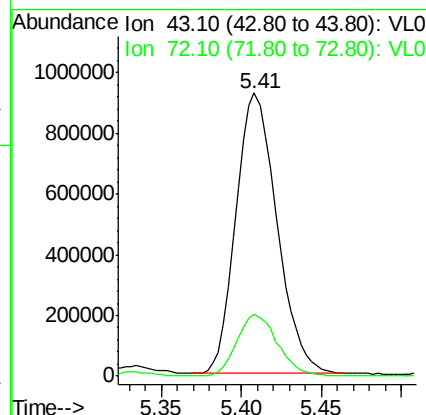
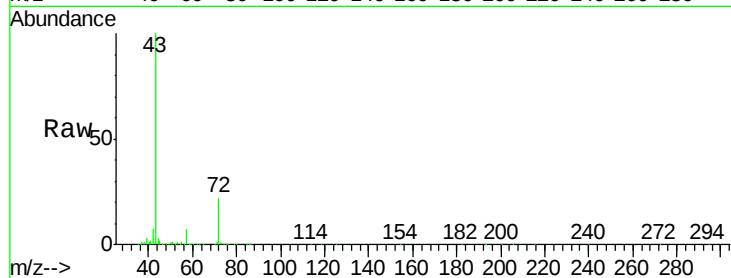
#34
2-Butanone
Concen: 6.805 ppbv
RT: 5.41 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VL032251.D
Acq: 13 Jul 2018 18:43

Instrument :
MSVOA_L
ClientSampled :
MID

Tgt Ion: 43 Resp: 1620659
Ion Ratio Lower Upper
43 100
72 21.9 18.1 27.1

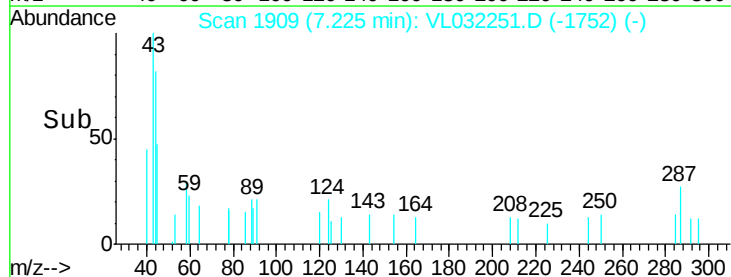
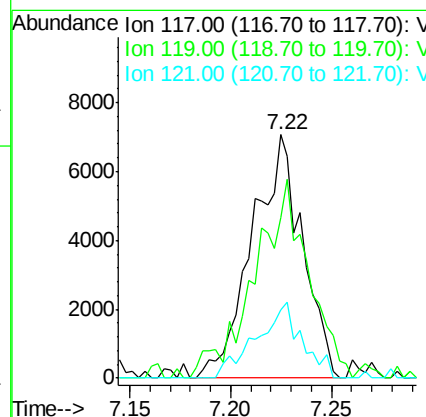
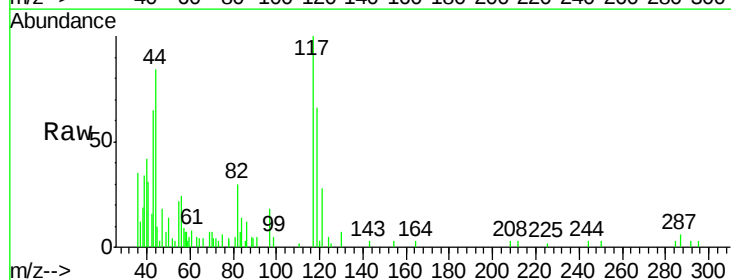
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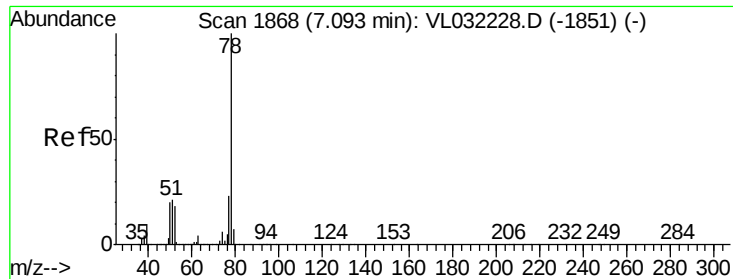
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#35
Carbon Tetrachloride
Concen: 0.052 ppbv m
RT: 7.22 min Scan# 1909
Delta R.T. 0.00 min
Lab File: VL032251.D
Acq: 13 Jul 2018 18:43

Tgt Ion: 117 Resp: 12335
Ion Ratio Lower Upper
117 100
119 65.7 75.7 113.5#
121 27.9 24.6 37.0





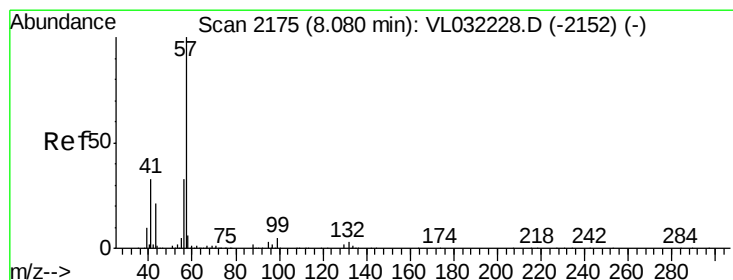
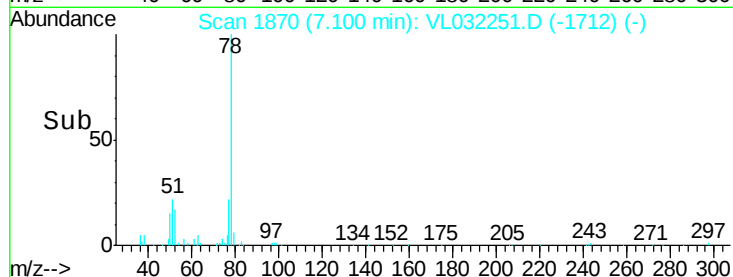
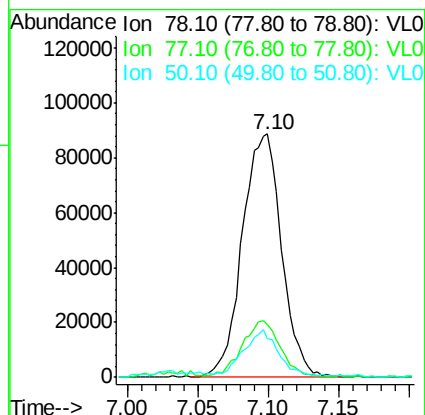
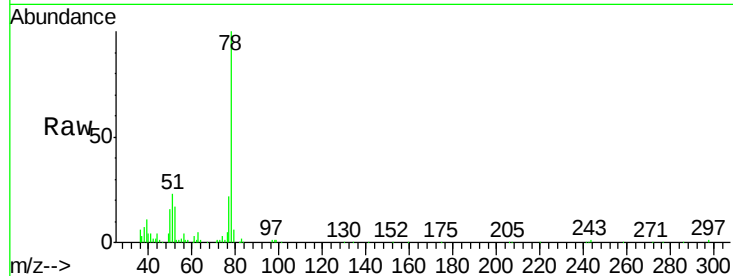
#36
Benzene
Concen: 0.498 ppbv
RT: 7.10 min Scan# 1870
Delta R.T. 0.01 min
Lab File: VL032251.D
Acq: 13 Jul 2018 18:43

Instrument :
MSVOA_L
ClientSampleId :
MID

Tgt Ion	Ratio	Lower	Upper
78	100		
77	20.6	18.0	27.0
50	15.2	15.8	23.8#

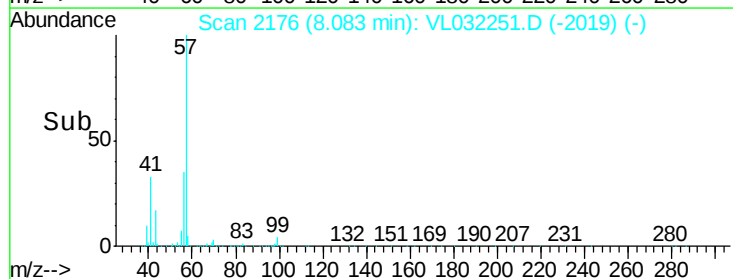
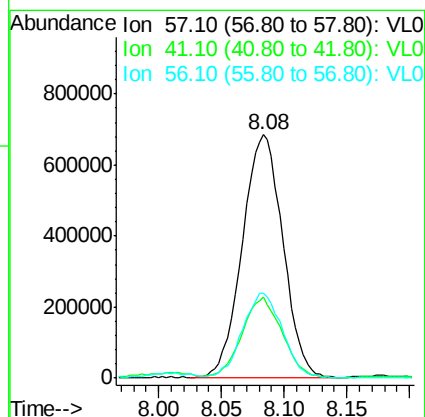
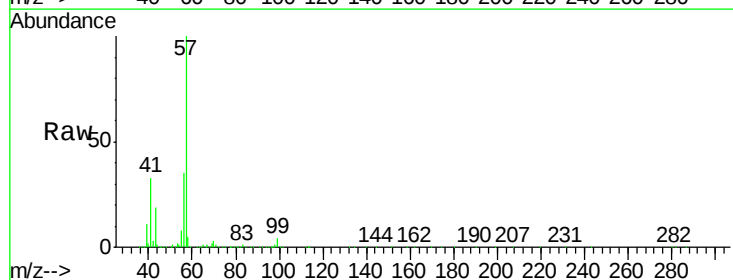
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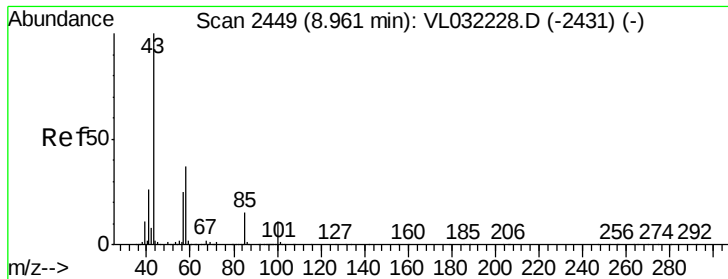
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#44
2,2,4-Trimethylpentane
Concen: 2.564 ppbv
RT: 8.08 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VL032251.D
Acq: 13 Jul 2018 18:43

Tgt Ion	Ratio	Lower	Upper
57	100		
41	32.9	24.7	37.1
56	34.6	25.4	38.0





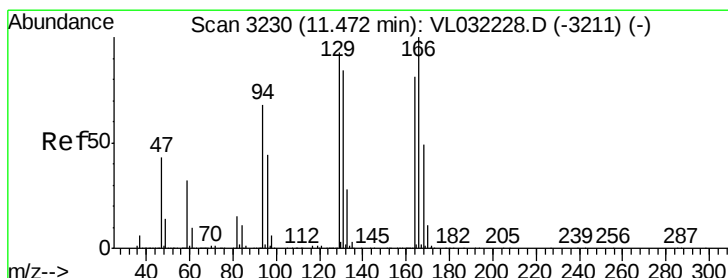
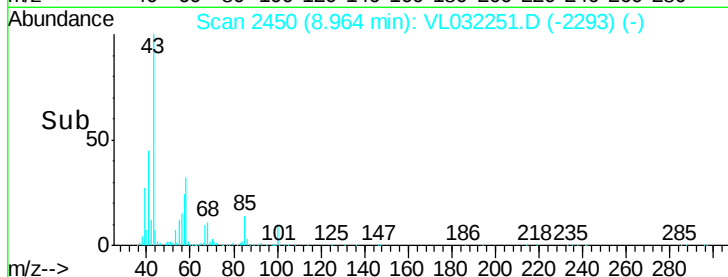
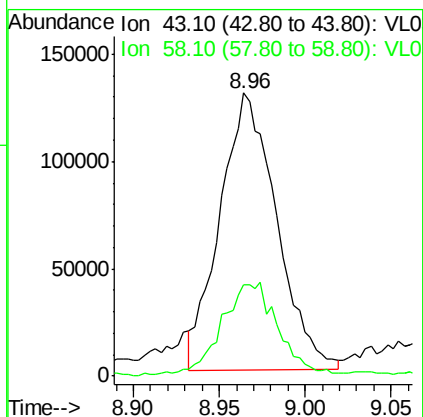
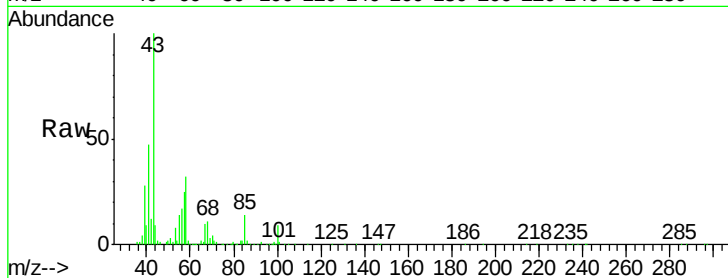
#50
4-Methyl-2-Pentanone
Concen: 0.718 ppbv
RT: 8.96 min Scan# 2450
Delta R.T. 0.00 min
Lab File: VL032251.D
Acq: 13 Jul 2018 18:43

Instrument :
MSVOA_L
ClientSampleId :
MID

Tgt Ion: 43 Resp: 295624
Ion Ratio Lower Upper
43 100
58 33.2 29.5 44.3

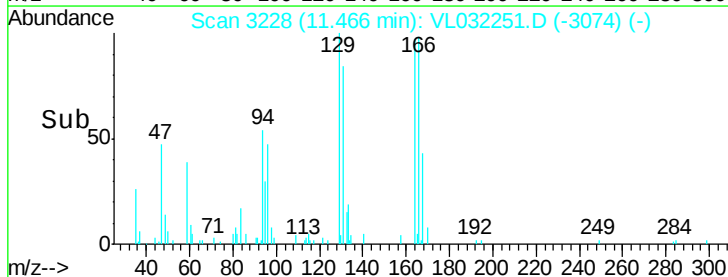
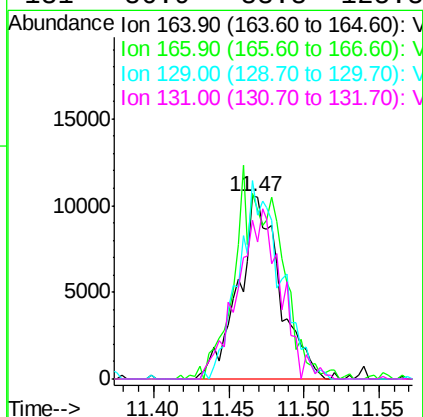
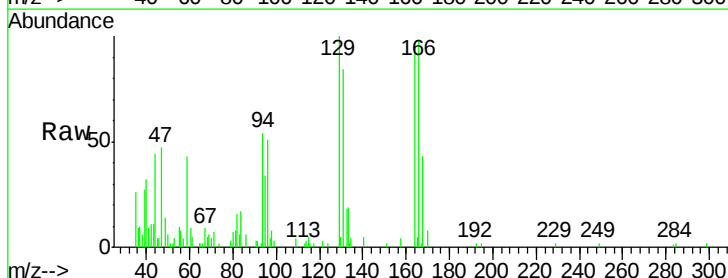
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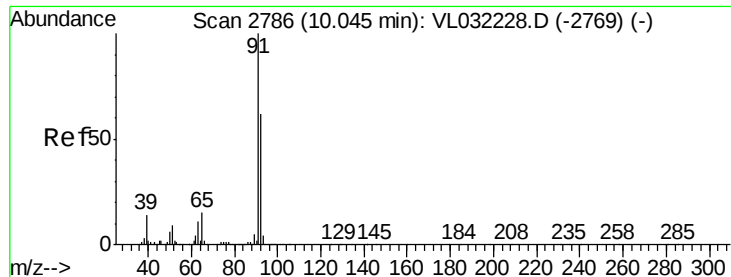
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#52
Tetrachloroethene
Concen: 0.158 ppbv m
RT: 11.47 min Scan# 3228
Delta R.T. -0.01 min
Lab File: VL032251.D
Acq: 13 Jul 2018 18:43

Tgt Ion: 164 Resp: 20270
Ion Ratio Lower Upper
164 100
166 101.3 99.3 148.9
129 103.3 92.0 138.0
131 86.9 83.8 125.8





#53

Toluene

Concen: 5.289 ppbv

RT: 10.04 min Scan# 2786

Delta R.T. 0.00 min

Lab File: VL032251.D

Acq: 13 Jul 2018 18:43

Instrument :

MSVOA_L

ClientSampled :

MID

Tgt Ion: 91 Resp: 2172103

Ion Ratio Lower Upper

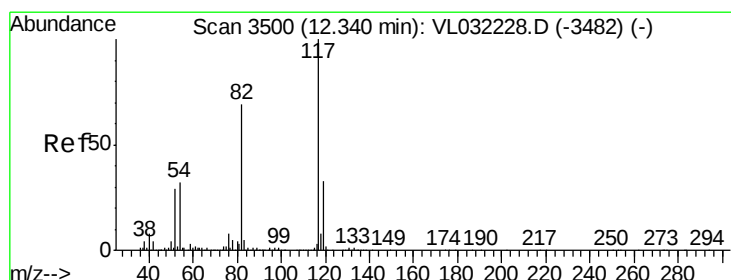
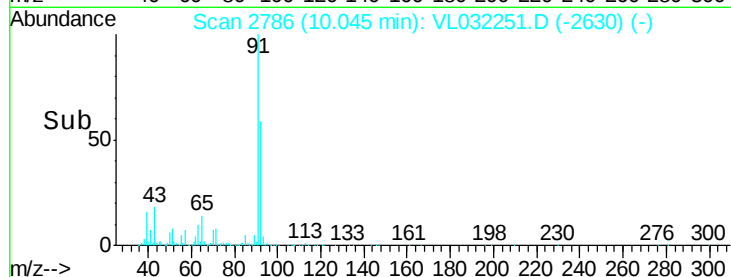
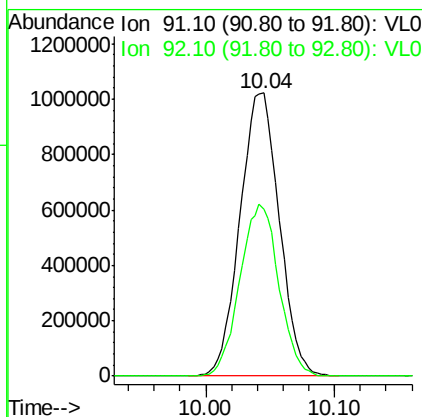
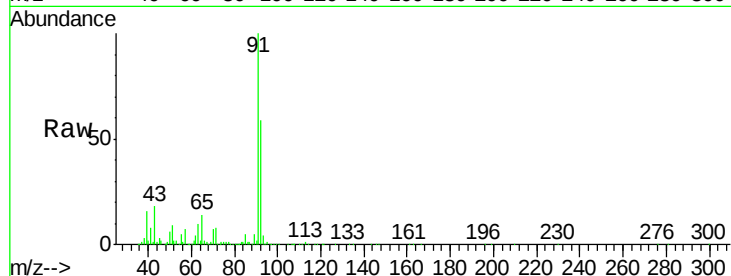
91 100

92 60.5 49.0 73.4

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.34 min Scan# 3499

Delta R.T. -0.00 min

Lab File: VL032251.D

Acq: 13 Jul 2018 18:43

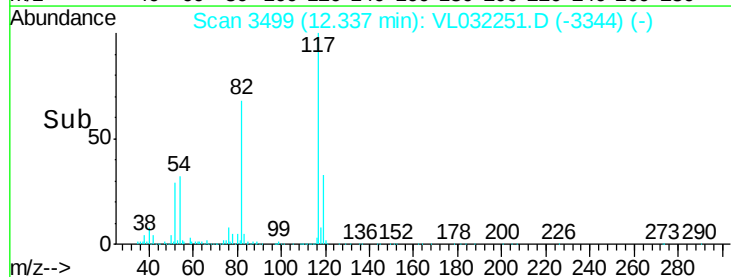
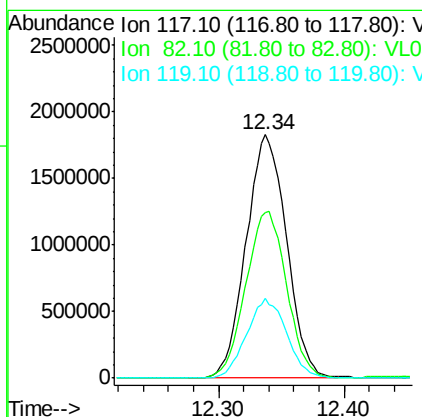
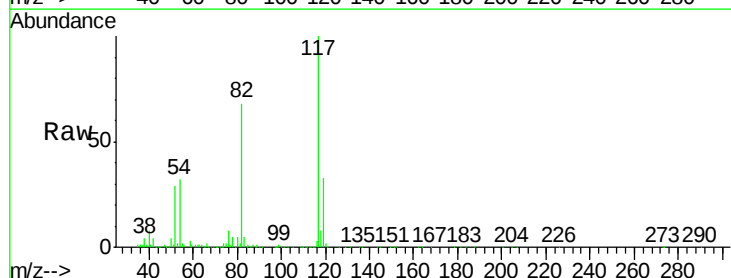
Tgt Ion: 117 Resp: 4097719

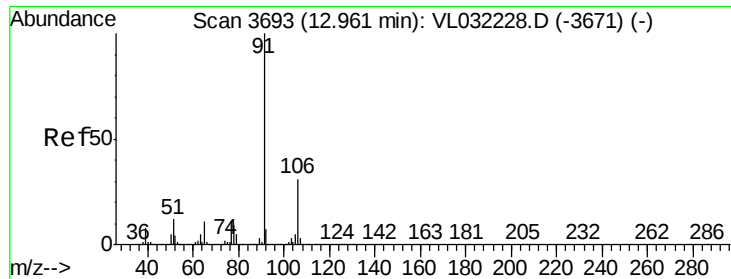
Ion Ratio Lower Upper

117 100

82 69.2 53.2 79.8

119 32.5 43.9 65.9#





#58

Ethyl Benzene

Concen: 1.138 ppbv

RT: 12.96 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VL032251.D

Acq: 13 Jul 2018 18:43

Instrument :

MSVOA_L

ClientSampled :

MID

Tgt Ion: 91 Resp: 678968

Ion Ratio Lower Upper

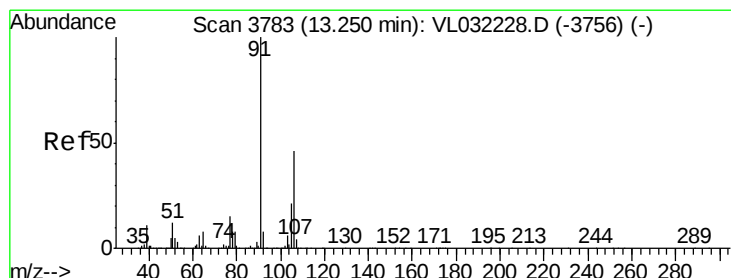
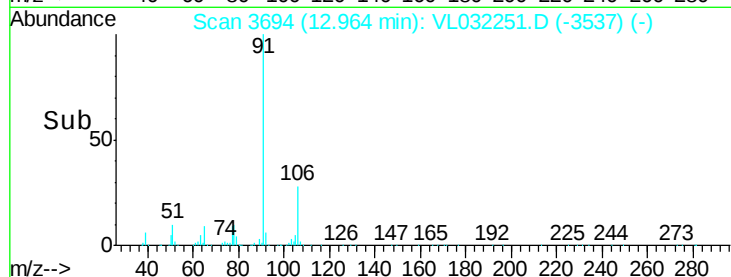
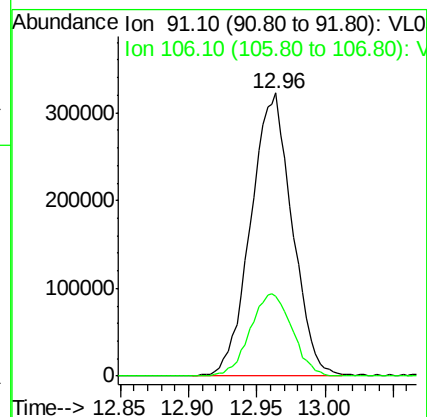
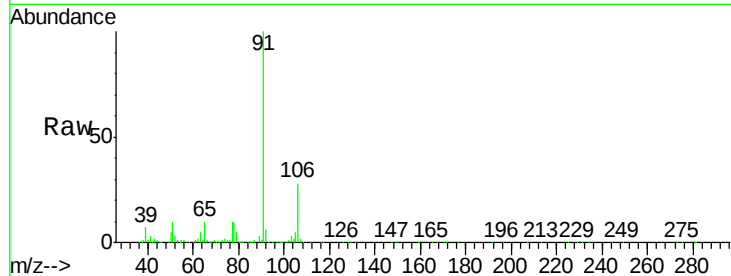
91 100

106 28.3 24.5 36.7

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#59

m/p-Xylene

Concen: 4.228 ppbv

RT: 13.22 min Scan# 3772

Delta R.T. -0.04 min

Lab File: VL032251.D

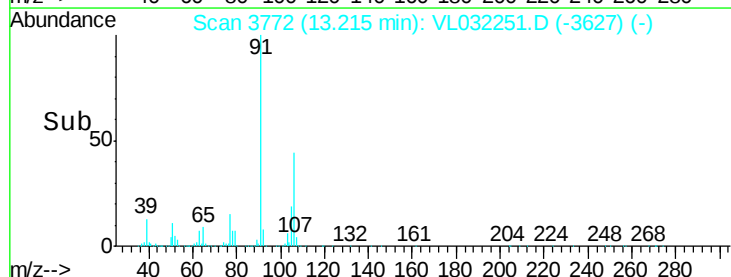
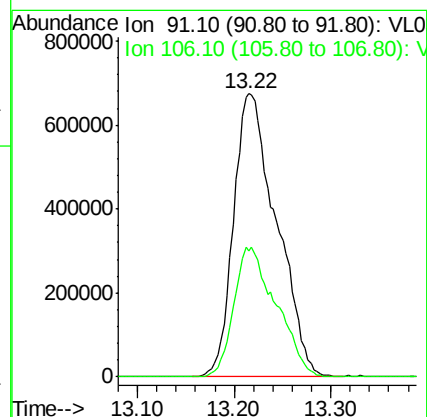
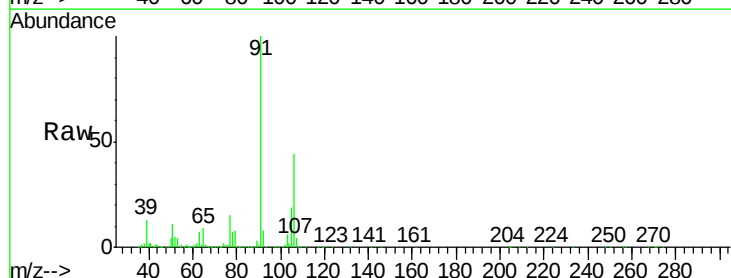
Acq: 13 Jul 2018 18:43

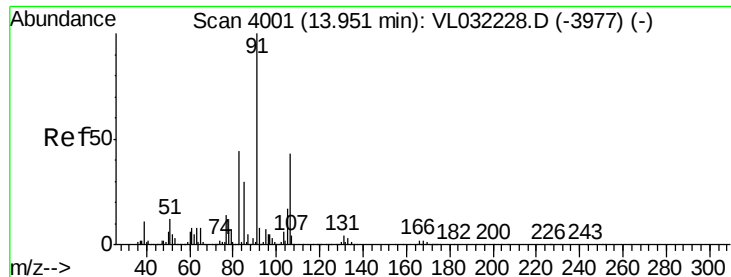
Tgt Ion: 91 Resp: 2075645

Ion Ratio Lower Upper

91 100

106 45.4 36.4 54.6





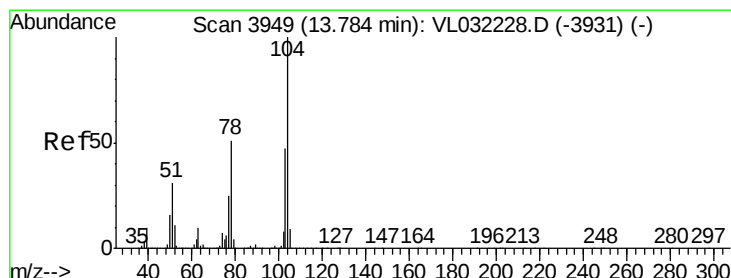
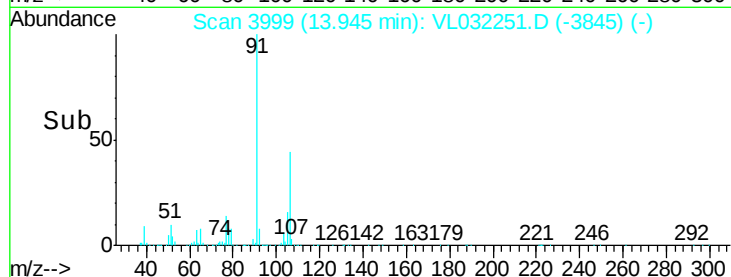
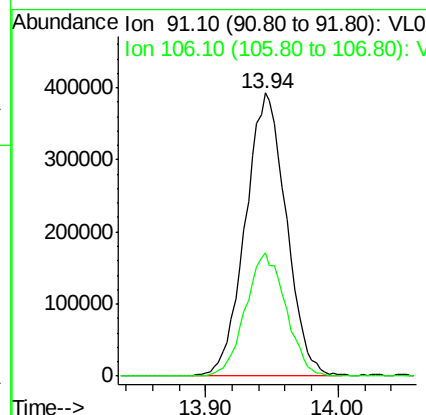
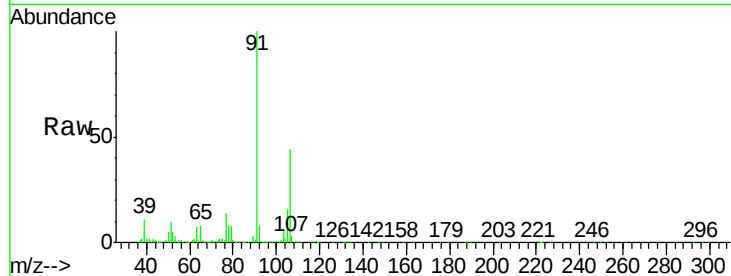
#60
o-Xylene
Concen: 1.727 ppbv
RT: 13.94 min Scan# 3999
Delta R.T. -0.01 min
Lab File: VL032251.D
Acq: 13 Jul 2018 18:43

Instrument :
MSVOA_L
ClientSampled :
MID

Tgt Ion: 91 Resp: 836872
Ion Ratio Lower Upper
91 100
106 43.2 21.9 65.5

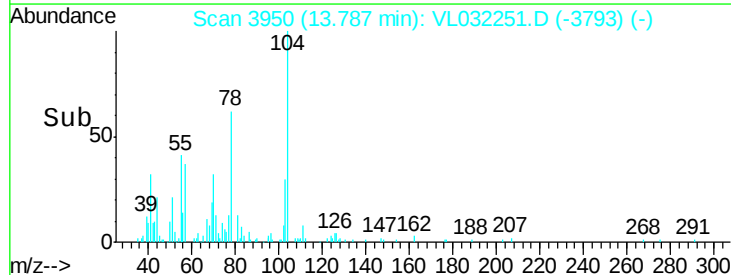
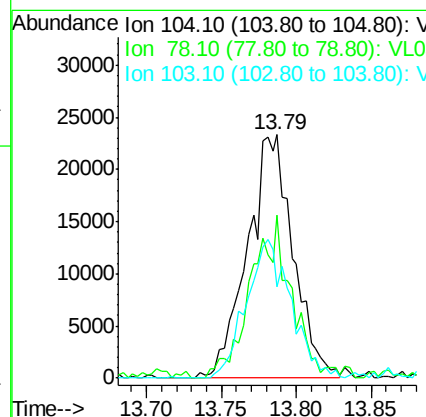
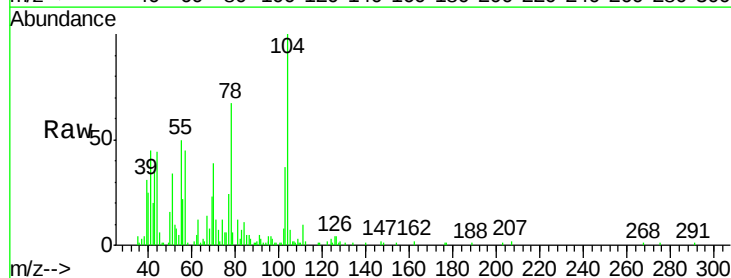
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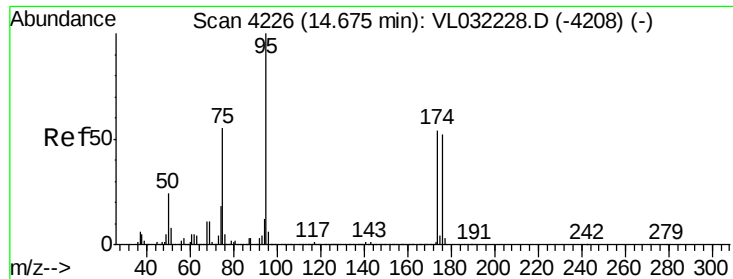
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#61
Styrene
Concen: 0.136 ppbv m
RT: 13.79 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VL032251.D
Acq: 13 Jul 2018 18:43

Tgt Ion: 104 Resp: 49252
Ion Ratio Lower Upper
104 100
78 0.0 43.4 65.0#
103 0.0 38.0 57.0#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.866 ppbv

RT: 14.67 min Scan# 4225

Delta R.T. -0.00 min

Lab File: VL032251.D

Acq: 13 Jul 2018 18:43

Instrument :

MSVOA_L

ClientSampled :

MID

Tgt Ion: 95 Resp: 3129692

Ion Ratio Lower Upper

95 100

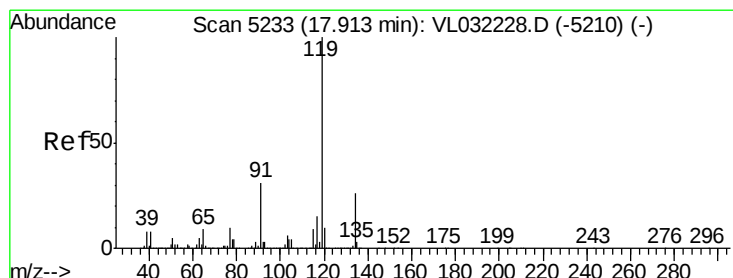
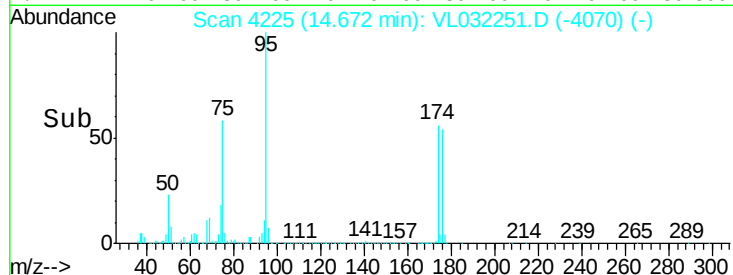
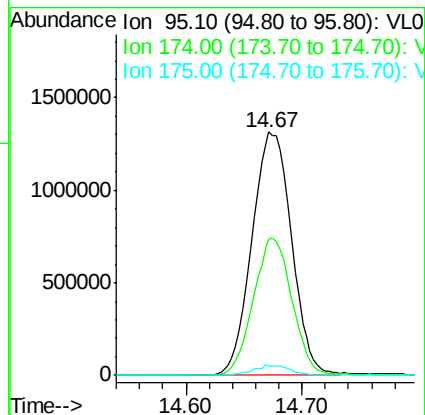
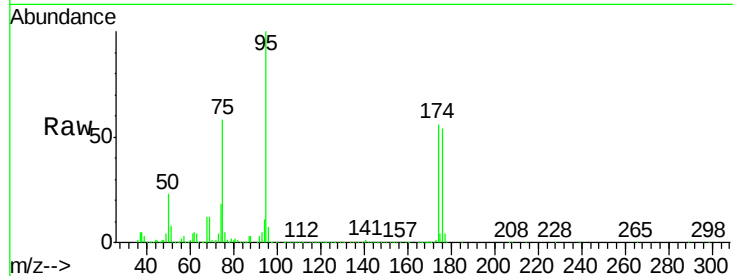
174 55.4 44.6 67.0

175 4.0 3.3 4.9

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#69

p-Isopropyltoluene

Concen: 2.647 ppbv

RT: 17.92 min Scan# 5234

Delta R.T. 0.00 min

Lab File: VL032251.D

Acq: 13 Jul 2018 18:43

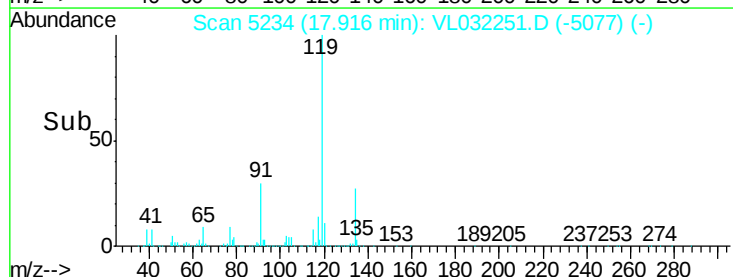
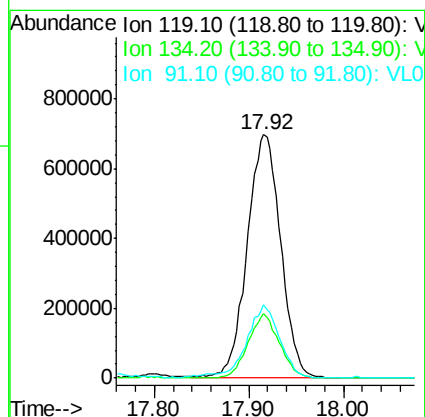
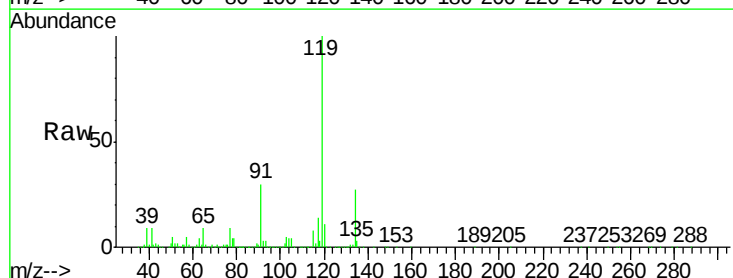
Tgt Ion: 119 Resp: 1713333

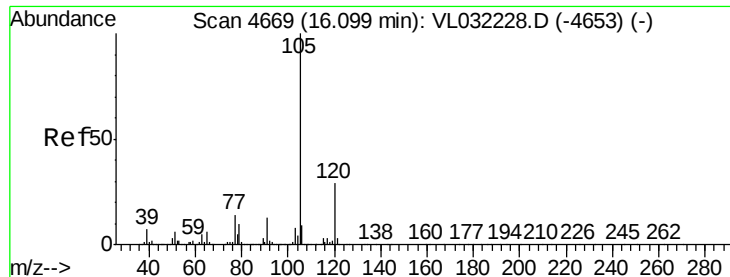
Ion Ratio Lower Upper

119 100

134 24.6 20.1 30.1

91 29.7 24.2 36.2





#72

4-Ethyltoluene

Concen: 0.481 ppbv m

RT: 16.10 min Scan# 4669

Delta R.T. 0.00 min

Lab File: VL032251.D

Acq: 13 Jul 2018 18:43

Instrument :

MSVOA_L

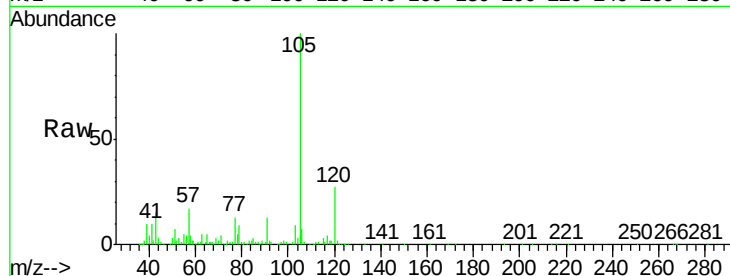
ClientSampleId :

MID

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	261716		
120	28.1	23.3	34.9	
91	12.7	10.3	15.5	
77	13.9	11.5	17.3	

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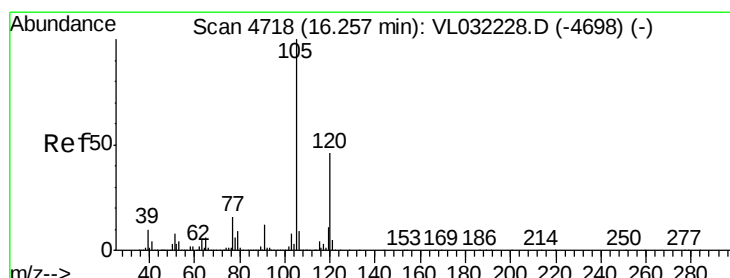
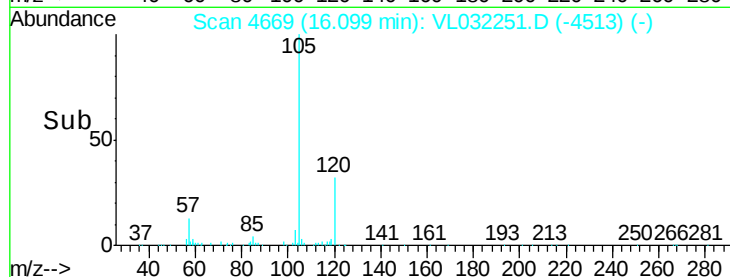
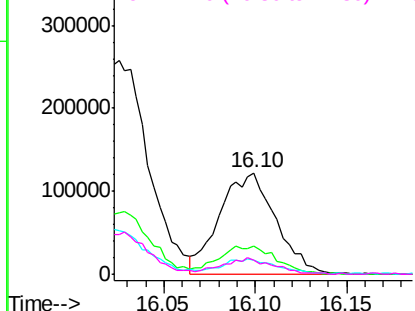


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#73

1,3,5-Trimethylbenzene

Concen: 0.420 ppbv

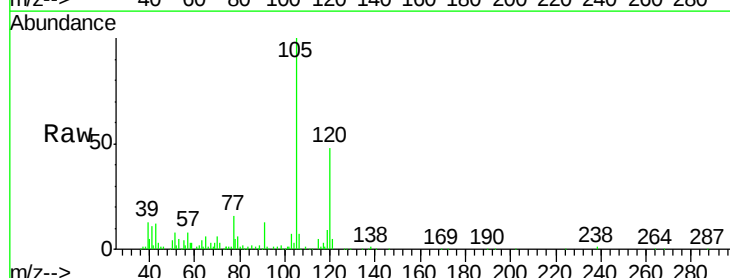
RT: 16.25 min Scan# 4717

Delta R.T. -0.00 min

Lab File: VL032251.D

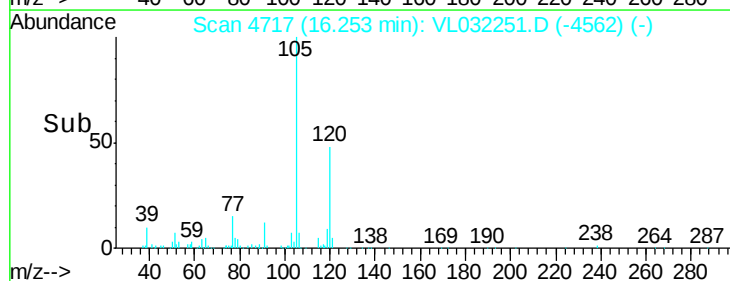
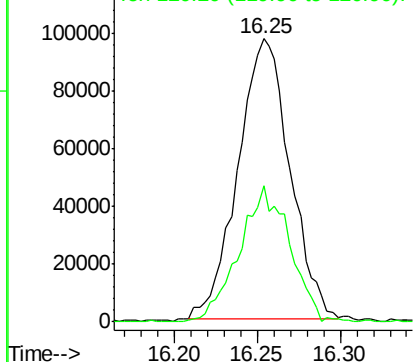
Acq: 13 Jul 2018 18:43

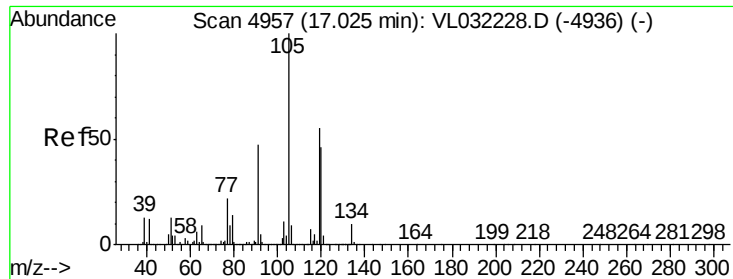
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	212259		
120	48.2	36.6	54.8	



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





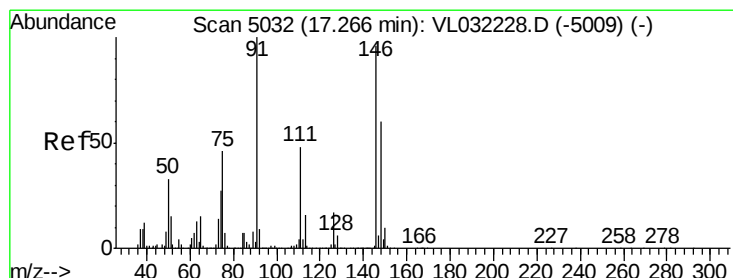
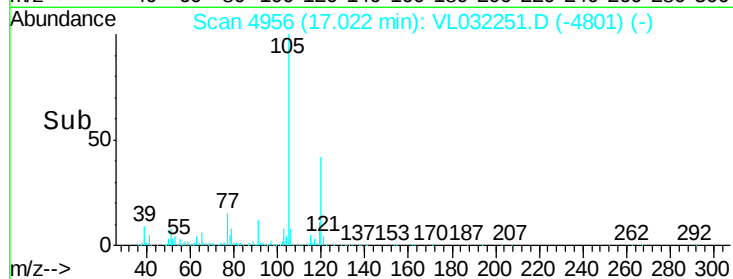
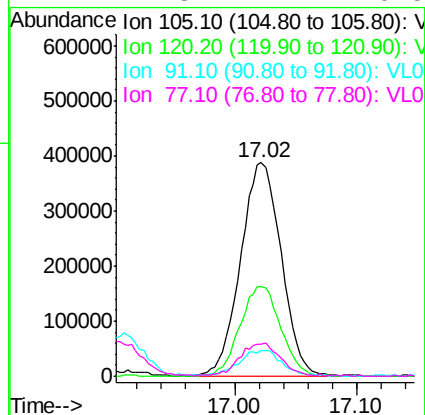
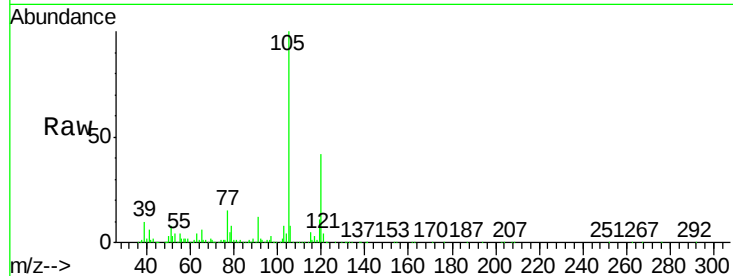
#74
 1,2,4-Trimethylbenzene
 Concen: 1.721 ppbv
 RT: 17.02 min Scan# 4956
 Delta R.T. -0.00 min
 Lab File: VL032251.D
 Acq: 13 Jul 2018 18:43

Instrument :
 MSVOA_L
 ClientSampled :
 MID

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	889364		
120	41.7	37.0	55.4	
91	12.2	38.2	57.2	
77	14.8	17.7	26.5	

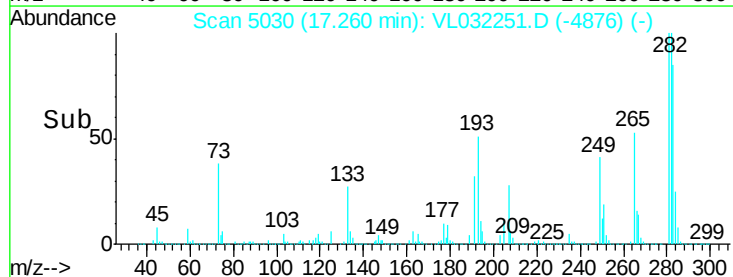
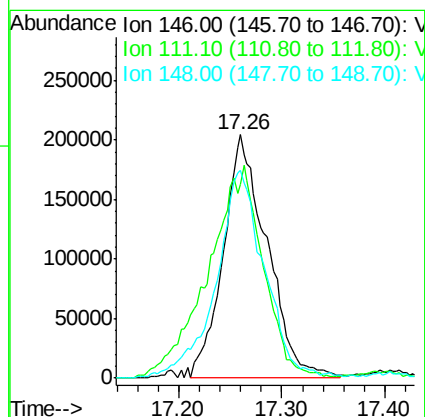
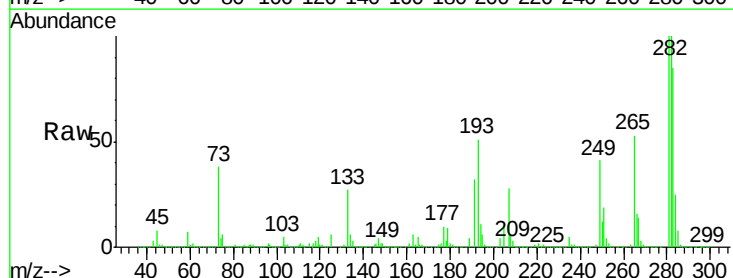
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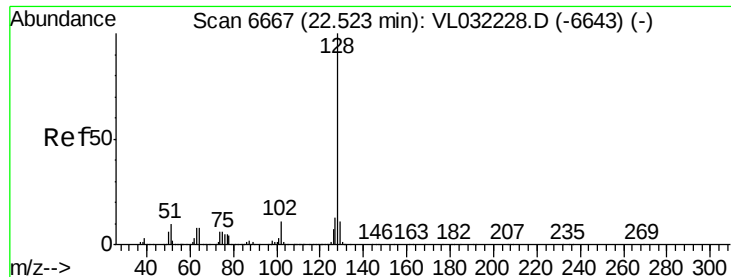
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#75
 1,3-Dichlorobenzene
 Concen: 1.951 ppbv
 RT: 17.26 min Scan# 5030
 Delta R.T. -0.01 min
 Lab File: VL032251.D
 Acq: 13 Jul 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	601705		
111	110.4	24.9	74.7	
148	95.1	31.9	95.5	





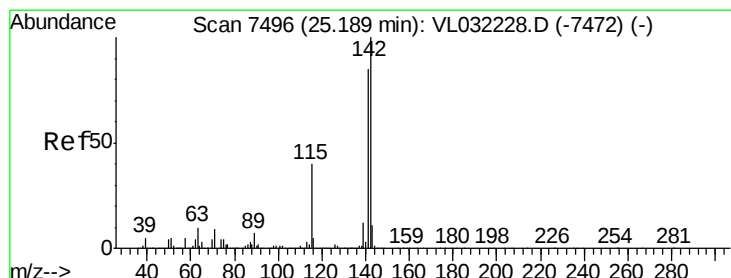
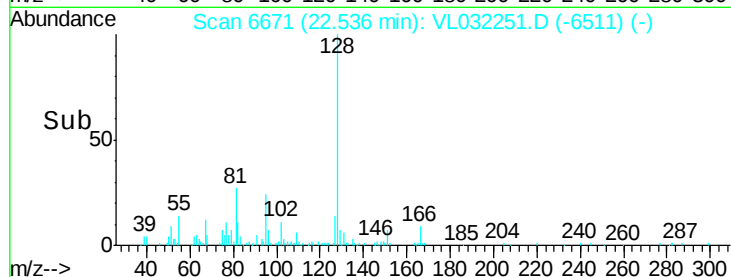
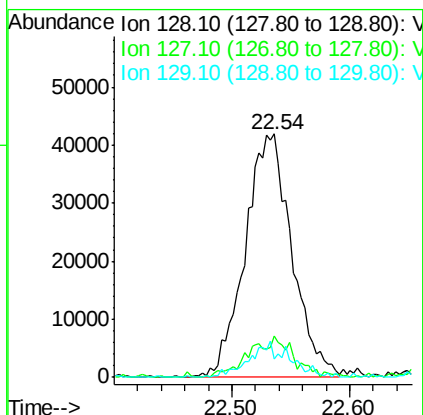
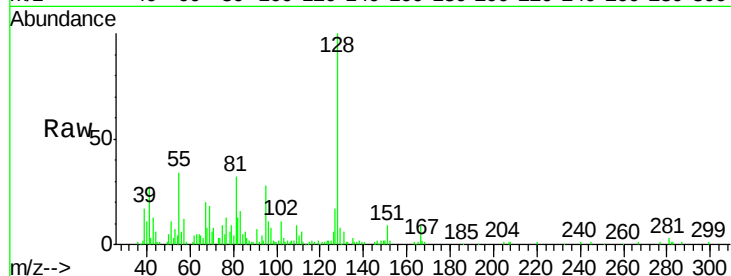
#79
Naphthalene
Concen: 0.334 ppbv m
RT: 22.54 min Scan# 6671
Delta R.T. 0.01 min
Lab File: VL032251.D
Acq: 13 Jul 2018 18:43

Instrument :
MSVOA_L
ClientSampled :
MID

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	115881		
127	17.1	10.0	15.0#	
129	7.7	9.0	13.4#	

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#80
Naphthalene, 2-methyl-
Concen: 0.456 ppbv
RT: 25.19 min Scan# 7496
Delta R.T. 0.00 min
Lab File: VL032251.D
Acq: 13 Jul 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	50598		
141	86.8	67.0	100.6	
115	53.6	32.6	49.0#	

