

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022322\
 Data File : VL038420.D
 Acq On : 23 Feb 2022 23:12
 Operator : SY/AP
 Sample : N1605-02DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-3DUP

Quant Time: Feb 24 07:31:33 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	786456	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	1904796	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	1613947	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	1233554	9.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.40%

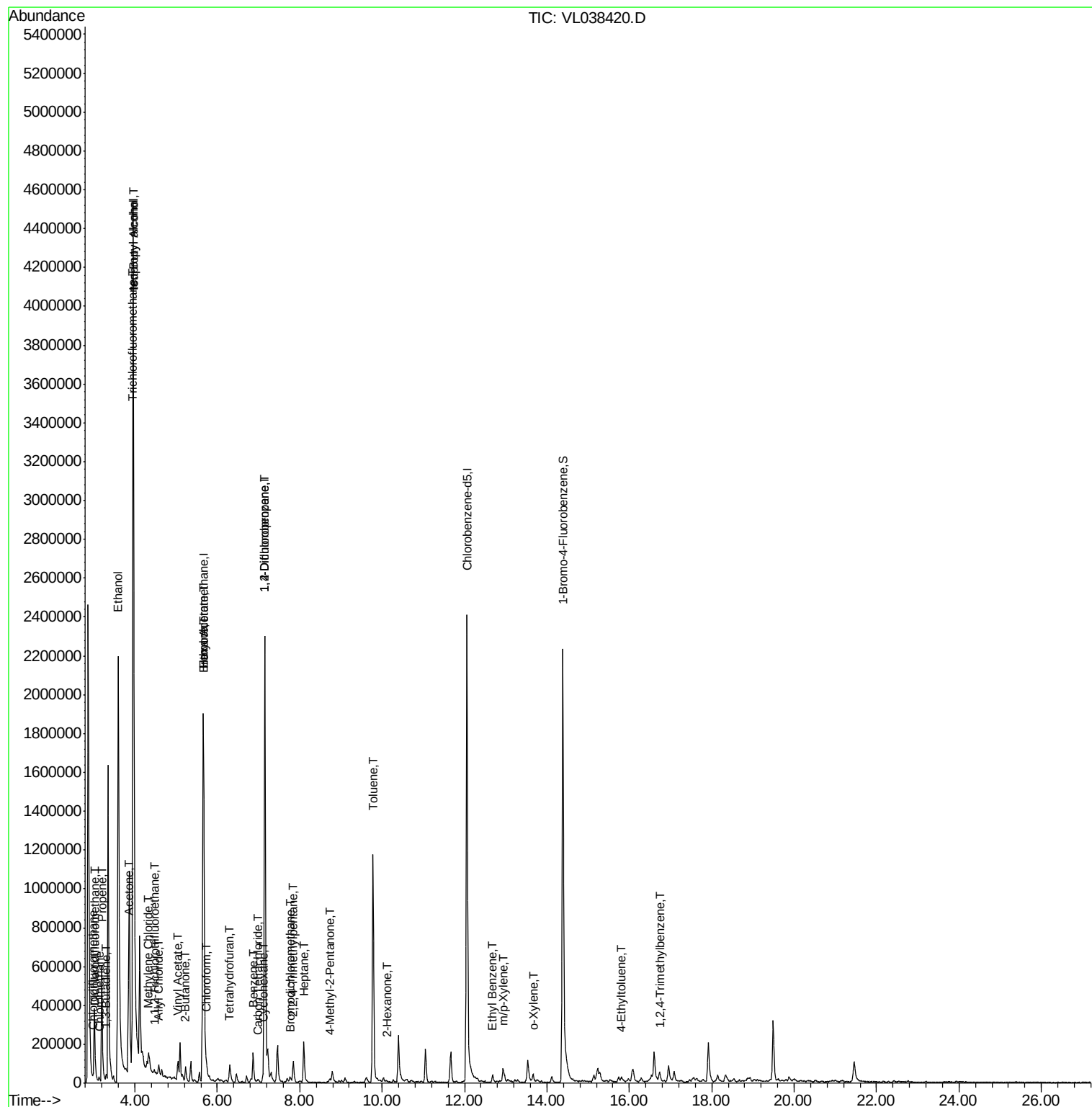
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.04	85	27339	0.22	ppbv	99
3) Chlorodifluoromethane	2.98	51	40989	0.30	ppbv #	88
4) Chloromethane	3.13	50	25165	0.52	ppbv	94
9) Propene	3.20	41	176332	3.85	ppbv	89
10) Heptane	8.10	43	99434	0.89	ppbv	97
11) Trichlorofluoromethane	3.93	101	23796	0.20	ppbv	85
12) 1,1,2-Trichlorotrifluoroet	4.47	101	5080	0.06	ppbv #	80
13) Ethanol	3.59	45	3344597	730.89	ppbv	87
15) Acetone	3.84	43	283051	4.23	ppbv #	51
16) 1,3-Butadiene	3.30	39	10452	0.23	ppbv #	12
17) tert-Butyl alcohol	3.96	59	258409	3.87	ppbv	97
19) Isopropyl Alcohol	3.95	45	6807960	175.79	ppbv #	96
20) Methylene Chloride	4.33	84	33789	1.02	ppbv #	82
21) Allyl Chloride	4.58	41	7921	0.14	ppbv #	25
23) Vinyl Acetate	5.04	43	64826	0.73	ppbv #	27
25) Ethyl Acetate	5.67	43	429330	2.39	ppbv #	80
26) Hexane	5.67	57	560762	6.89	ppbv #	44
29) Chloroform	5.73	83	28105	0.21	ppbv #	80
30) Cyclohexane	7.11	84	6184	0.09	ppbv #	1
34) 2-Butanone	5.23	43	90134	1.50	ppbv	93
35) Carbon Tetrachloride	7.00	117	8535	0.06	ppbv	87
36) Benzene	6.87	78	135979	0.81	ppbv	94
39) 1,2-Dichloropropane	7.15	63	502337	7.52	ppbv #	25
41) Tetrahydrofuran	6.30	42	7369	0.18	ppbv #	38
42) Bromodichloromethane	7.76	83	5807	0.04	ppbv #	62
44) 2,2,4-Trimethylpentane	7.85	57	35631	0.12	ppbv #	42
50) 4-Methyl-2-Pentanone	8.72	43	6012	0.06	ppbv #	40
51) 2-Hexanone	10.12	43	1875	0.04	ppbv #	45
53) Toluene	9.78	91	994073	5.46	ppbv	99
58) Ethyl Benzene	12.69	91	13608	0.06	ppbv	98
59) m/p-Xylene	12.96	91	26071	0.14	ppbv #	33
60) o-Xylene	13.66	91	17342	0.10	ppbv #	32
72) 4-Ethyltoluene	15.81	105	5931	0.03	ppbv #	54
74) 1,2,4-Trimethylbenzene	16.73	105	14144	0.07	ppbv #	72

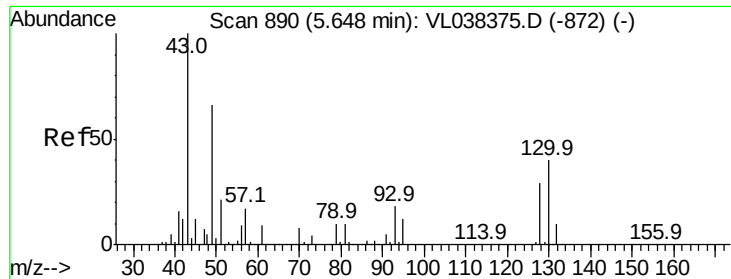
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL022322\
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Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Feb 24 07:31:33 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL02222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Feb 2022 23:12

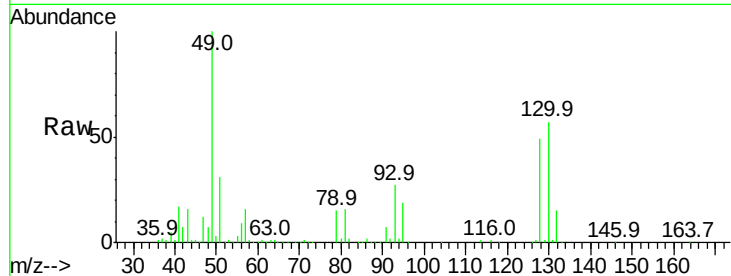
Tgt Ion: 49 Resp: 786456

Ion Ratio Lower Upper

49 100

128 47.3 24.3 72.9

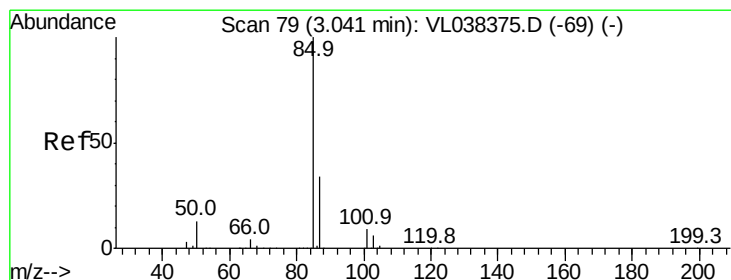
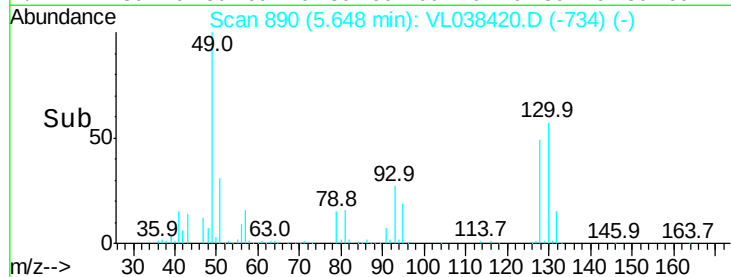
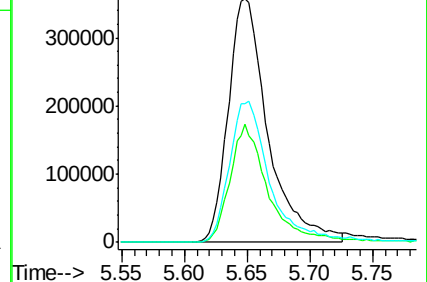
130 60.6 30.1 90.5



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.22 ppbv

RT: 3.04 min Scan# 79

Delta R.T. 0.00 min

Lab File: VL038420.D

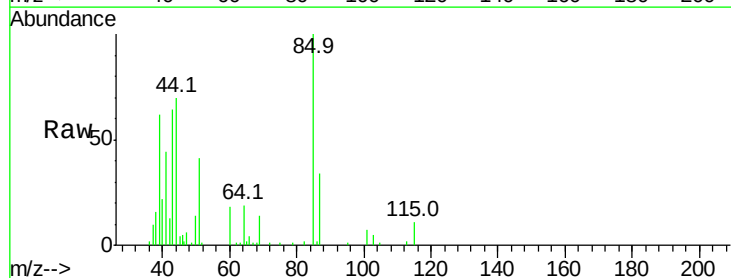
Acq: 23 Feb 2022 23:12

Tgt Ion: 85 Resp: 27339

Ion Ratio Lower Upper

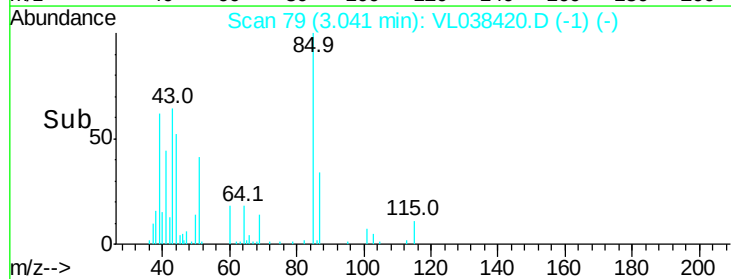
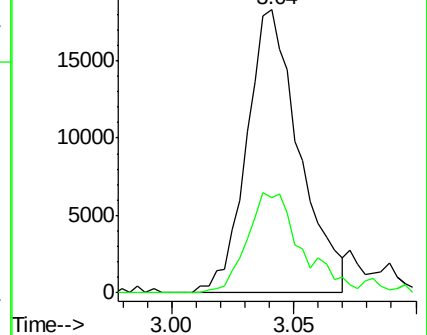
85 100

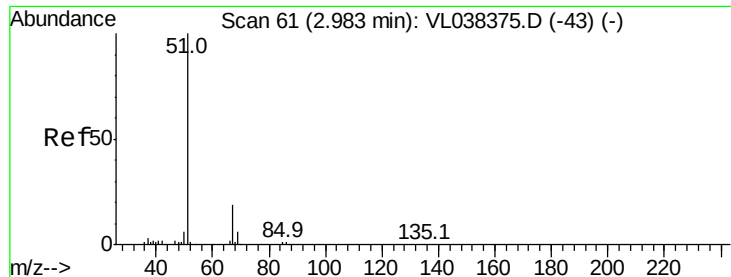
87 33.6 27.4 41.0



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.30 ppbv

RT: 2.98 Instrument:

Delta R.T. MSVOA.L

Lab File: ClientSampleId:

IA-3DUP

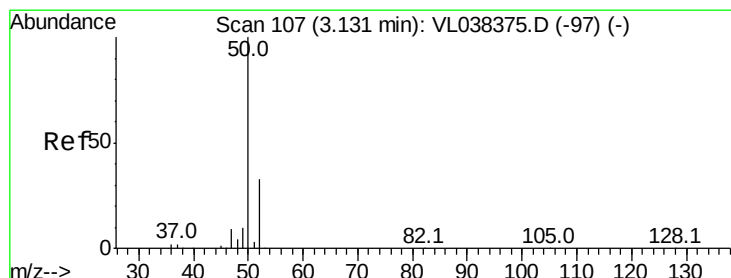
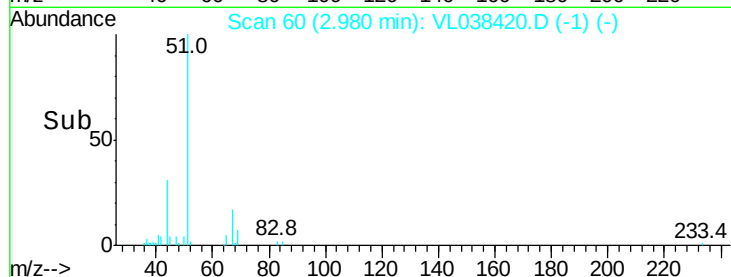
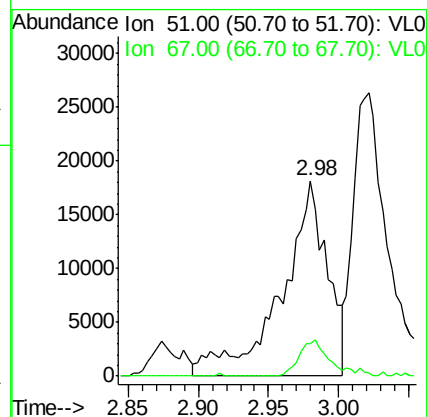
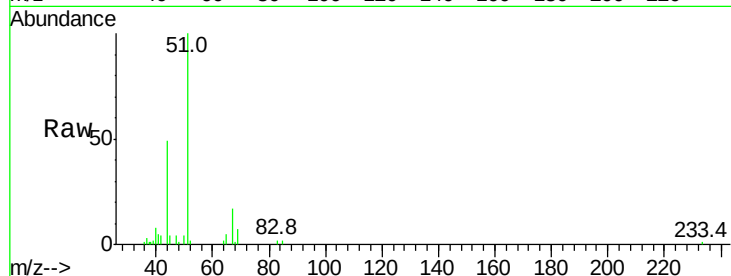
Acq: 23 Feb 2022 23:12

Tgt Ion: 51 Resp: 40989

Ion Ratio Lower Upper

51 100

67 13.0 14.7 22.1#



#4

Chloromethane

Concen: 0.52 ppbv

RT: 3.13 min Scan# 107

Delta R.T. 0.00 min

Lab File: VL038420.D

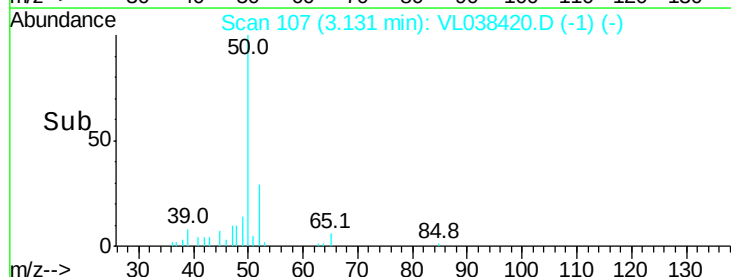
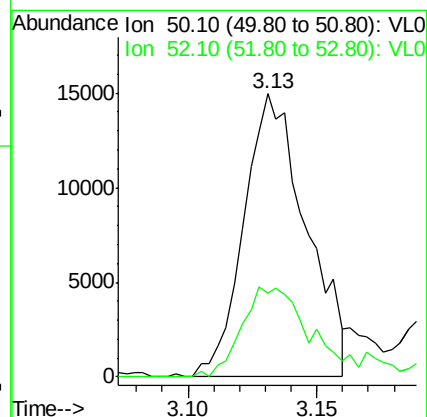
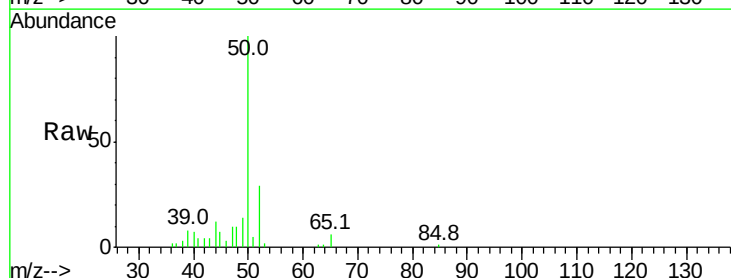
Acq: 23 Feb 2022 23:12

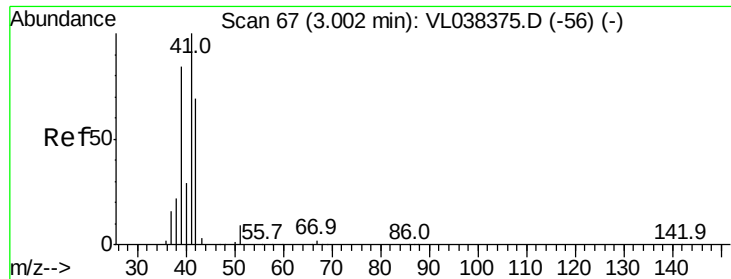
Tgt Ion: 50 Resp: 25165

Ion Ratio Lower Upper

50 100

52 29.4 26.5 39.7





#9

Propene

Concen: 3.85 ppbv

RT: 3.20 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId:

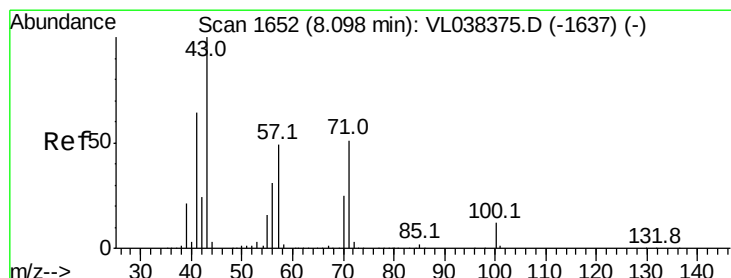
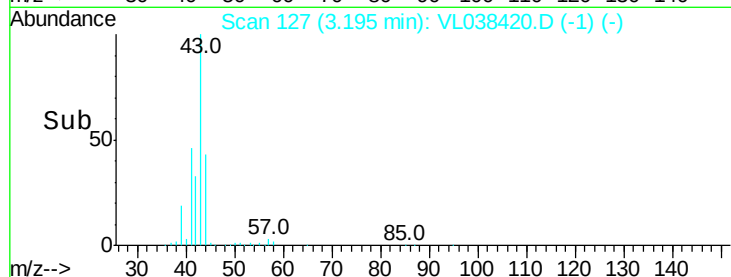
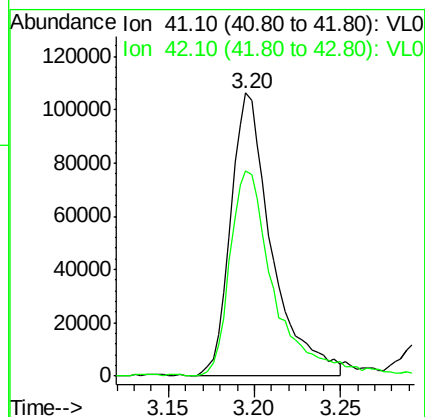
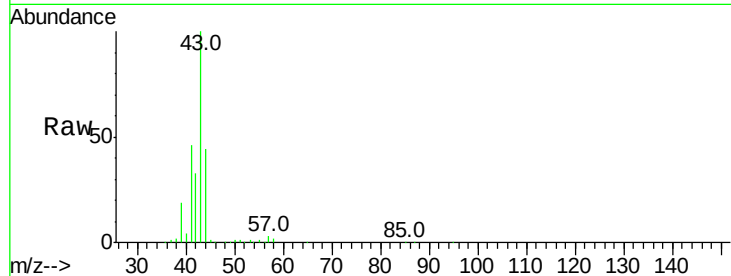
Acq: 23 Feb 2022 23:12

Tgt Ion: 41 Resp: 176332

Ion Ratio Lower Upper

41 100

42 77.1 54.6 82.0



#10

Heptane

Concen: 0.89 ppbv

RT: 8.10 min Scan# 1652

Delta R.T. 0.00 min

Lab File: VL038420.D

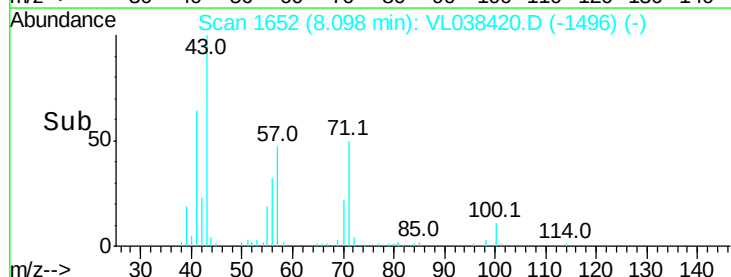
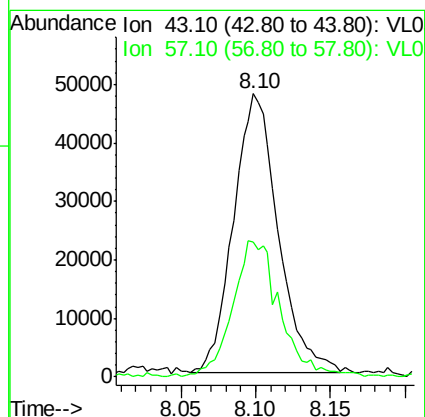
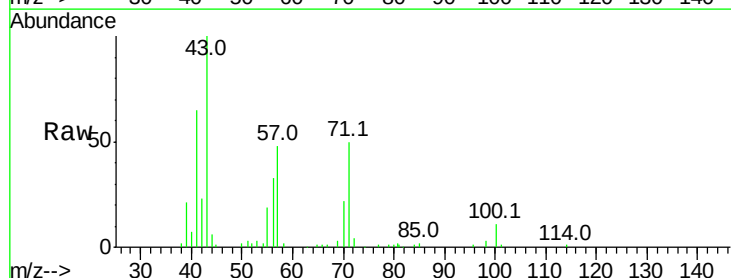
Acq: 23 Feb 2022 23:12

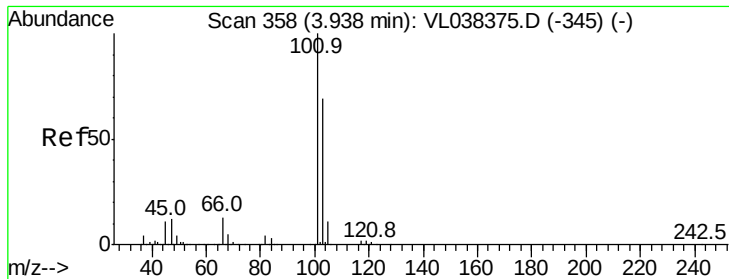
Tgt Ion: 43 Resp: 99434

Ion Ratio Lower Upper

43 100

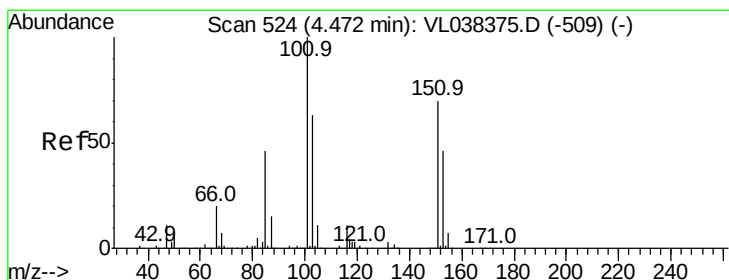
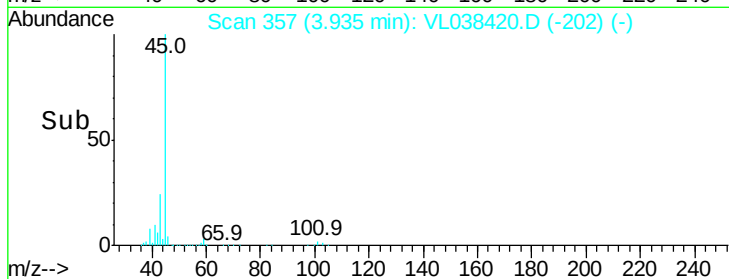
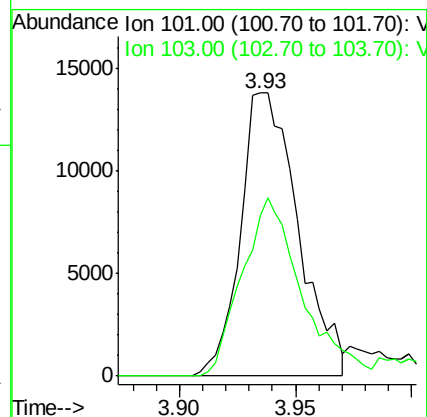
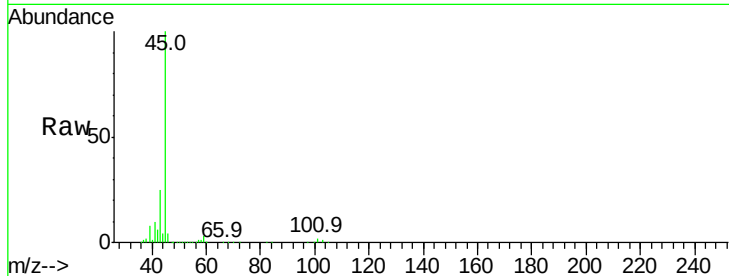
57 51.8 39.8 59.8





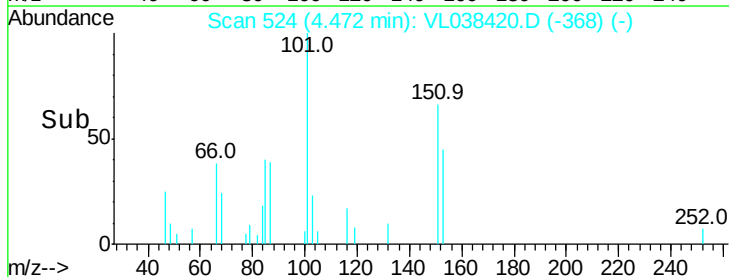
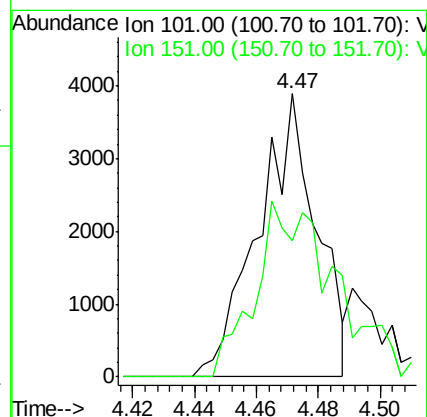
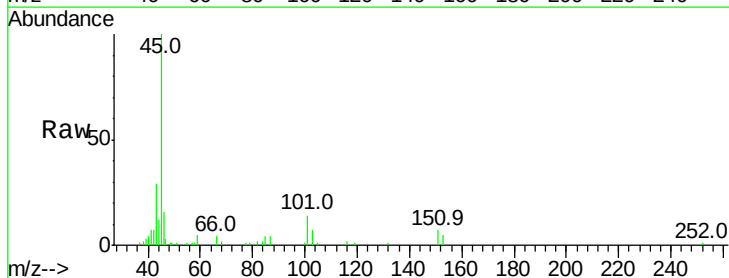
#11
 Trichlorofluoromethane
 Concen: 0.20 ppbv
 RT: 3.93
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 23 Feb 2022 23:12

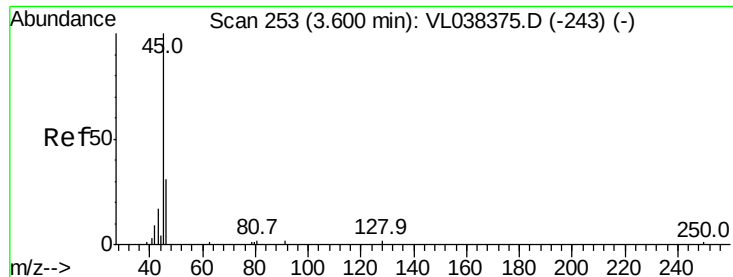
Tgt Ion:101 Resp: 23796
 Ion Ratio Lower Upper
 101 100
 103 56.5 55.0 82.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.06 ppbv
 RT: 4.47 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: VL038420.D
 Acq: 23 Feb 2022 23:12

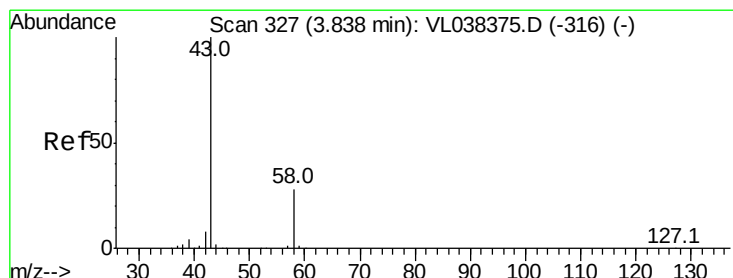
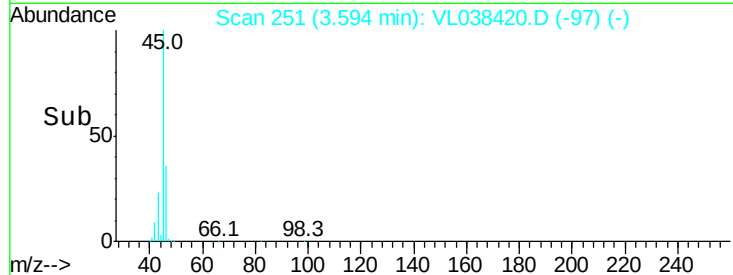
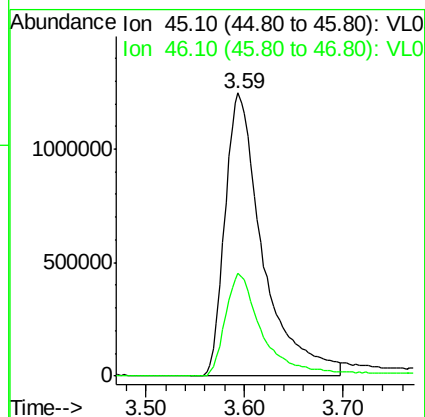
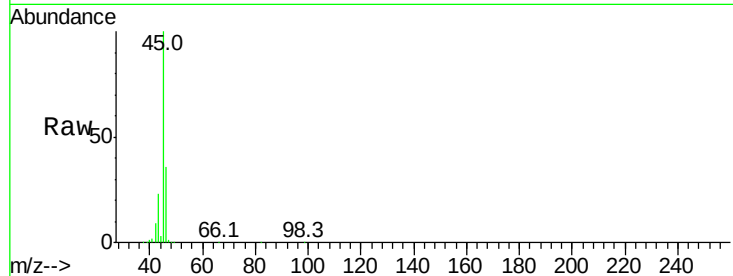
Tgt Ion:101 Resp: 5080
 Ion Ratio Lower Upper
 101 100
 151 86.2 55.9 83.9#





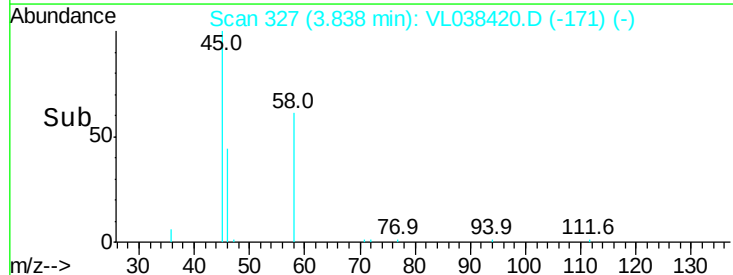
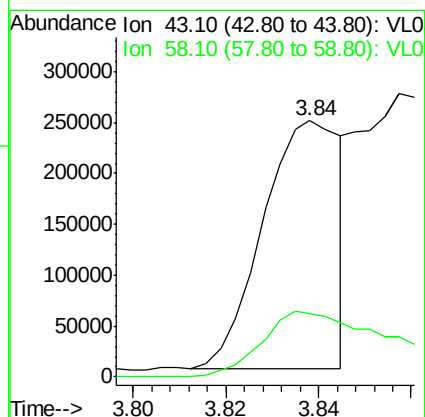
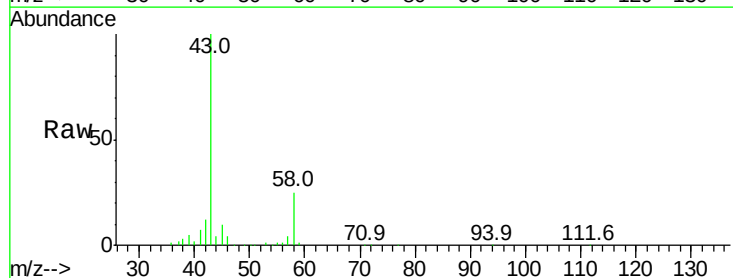
#13
 Ethanol
 Concen: 730.89 ppbv
 RT: 3.59
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 23 Feb 2022 23:12

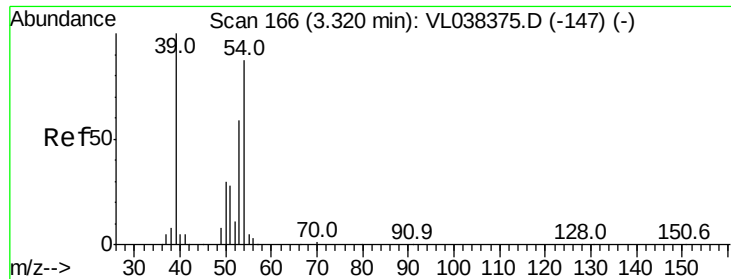
Tgt Ion: 45 Resp: 3344597
 Ion Ratio Lower Upper
 45 100
 46 37.0 18.2 72.8



#15
 Acetone
 Concen: 4.23 ppbv
 RT: 3.84 min Scan# 327
 Delta R.T. 0.00 min
 Lab File: VL038420.D
 Acq: 23 Feb 2022 23:12

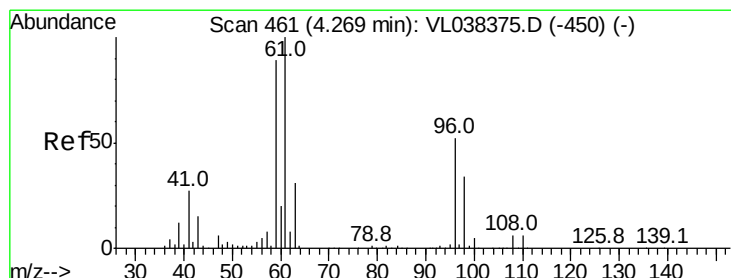
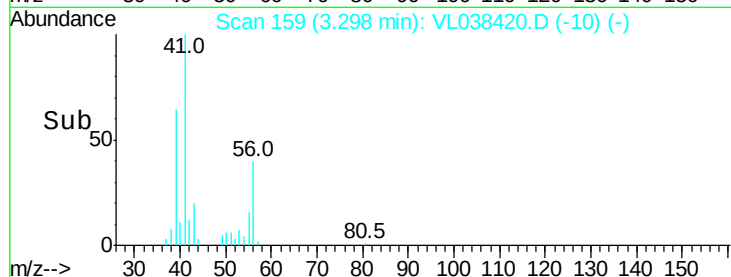
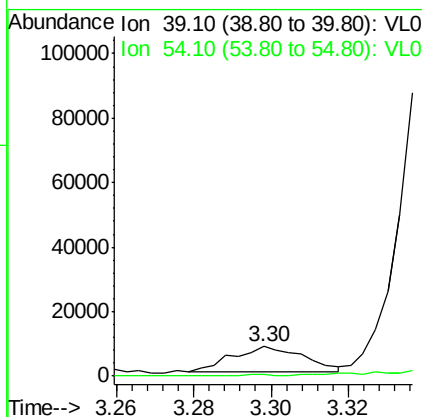
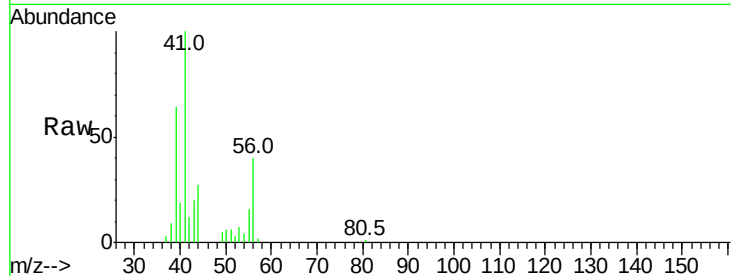
Tgt Ion: 43 Resp: 283051
 Ion Ratio Lower Upper
 43 100
 58 52.4 21.7 32.5#





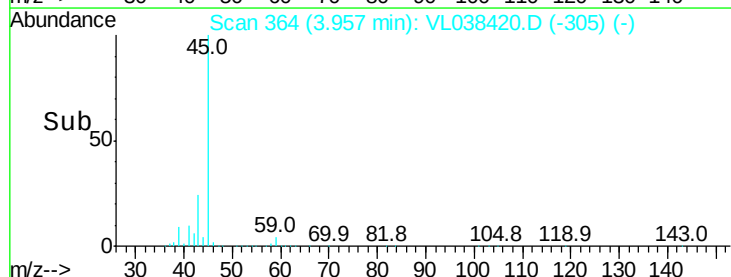
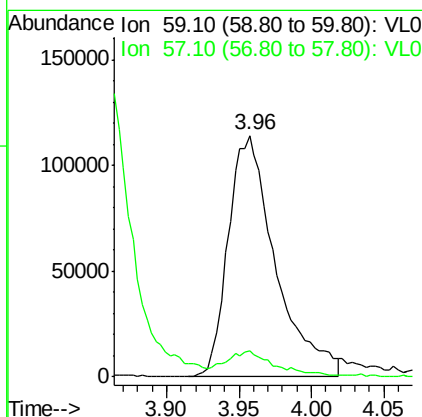
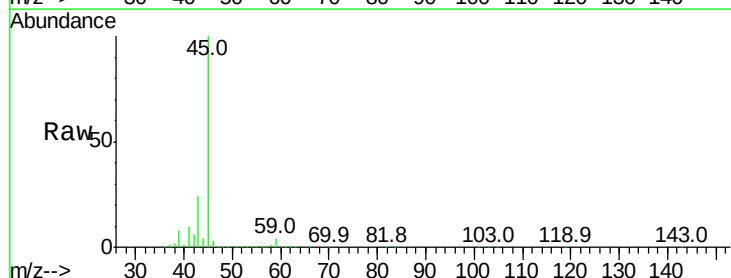
#16
 1,3-Butadiene
 Concen: 0.23 ppbv
 RT: 3.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 23 Feb 2022 23:12

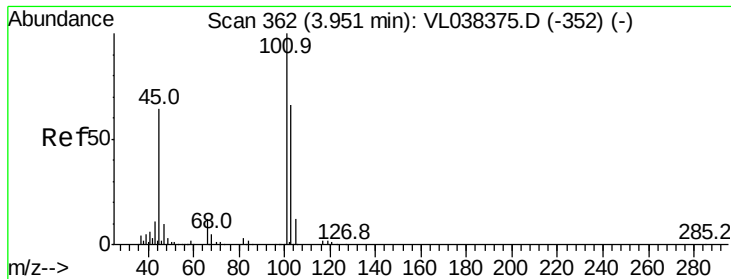
Tgt Ion: 39 Resp: 10452
 Ion Ratio Lower Upper
 39 100
 54 0.0 60.3 90.5#



#17
 tert-Butyl alcohol
 Concen: 3.87 ppbv
 RT: 3.96 min Scan# 364
 Delta R.T. -0.31 min
 Lab File: VL038420.D
 Acq: 23 Feb 2022 23:12

Tgt Ion: 59 Resp: 258409
 Ion Ratio Lower Upper
 59 100
 57 11.7 8.4 12.6





#19

Isopropyl Alcohol

Concen: 175.79 ppbv

RT: 3.95 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

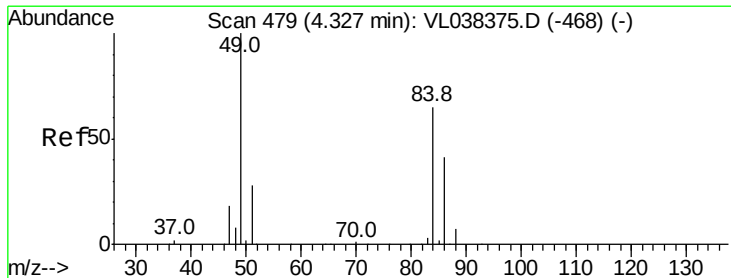
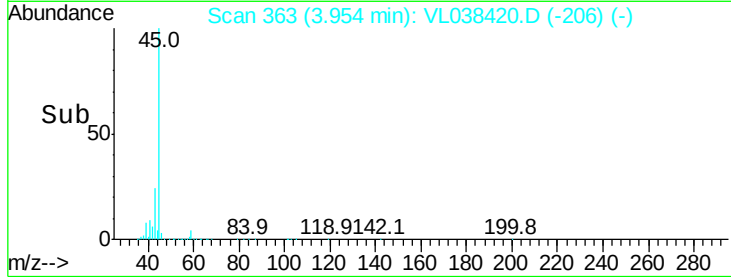
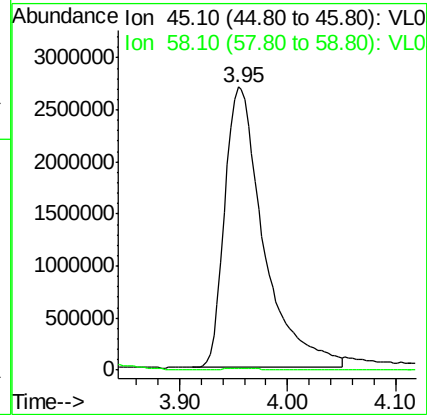
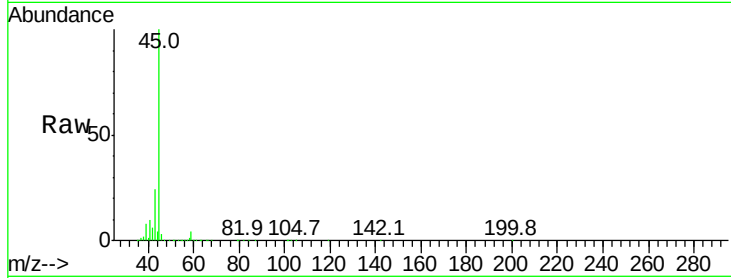
Acq: 23 Feb 2022 23:12

Tgt Ion: 45 Resp: 6807960

Ion Ratio Lower Upper

45 100

58 0.9 1.8 2.8#



#20

Methylene Chloride

Concen: 1.02 ppbv

RT: 4.33 min Scan# 481

Delta R.T. 0.01 min

Lab File: VL038420.D

Acq: 23 Feb 2022 23:12

Tgt Ion: 84 Resp: 33789

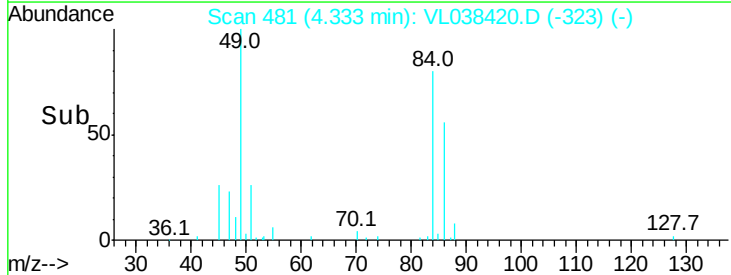
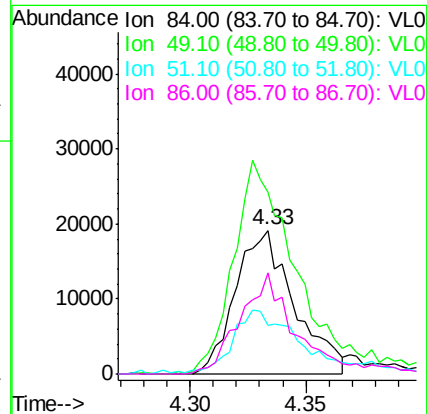
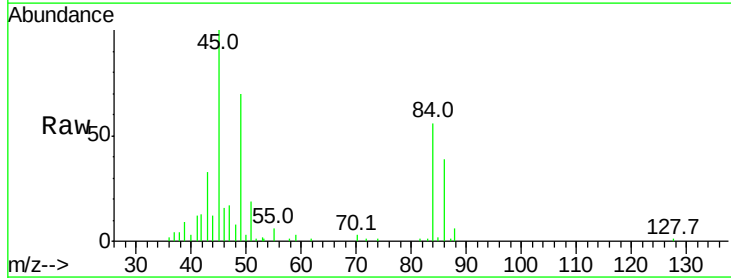
Ion Ratio Lower Upper

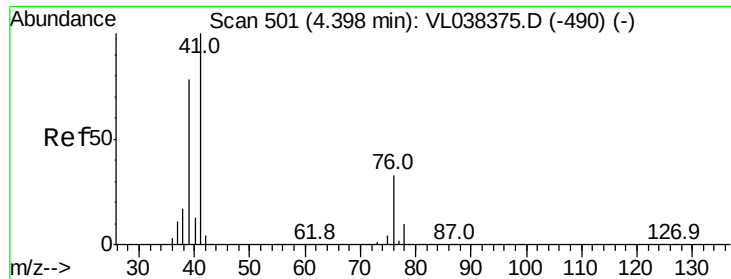
84 100

49 124.2 122.4 183.6

51 31.5 33.3 49.9#

86 69.3 50.7 76.1





#21

Allyl Chloride

Concen: 0.14 ppbv

RT: 4.58 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 23 Feb 2022 23:12

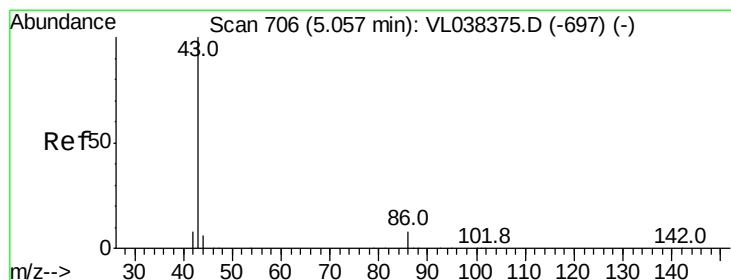
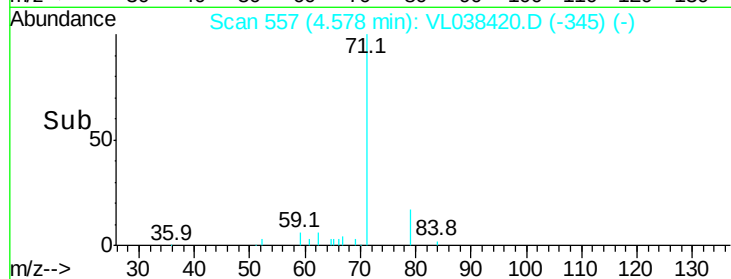
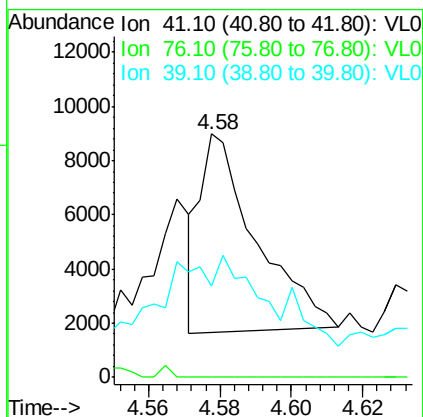
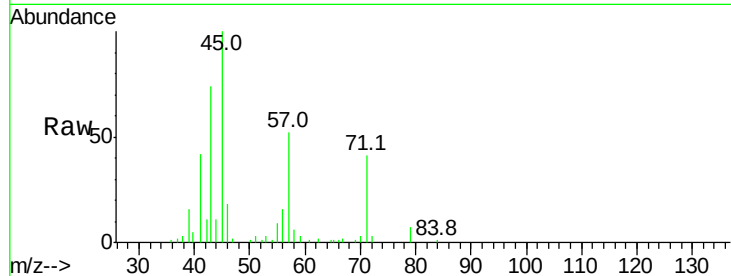
Tgt Ion: 41 Resp: 7921

Ion Ratio Lower Upper

41 100

76 10.8 25.4 38.0#

39 0.0 63.0 94.6#



#23

Vinyl Acetate

Concen: 0.73 ppbv

RT: 5.04 min Scan# 702

Delta R.T. -0.01 min

Lab File: VL038420.D

Acq: 23 Feb 2022 23:12

Tgt Ion: 43 Resp: 64826

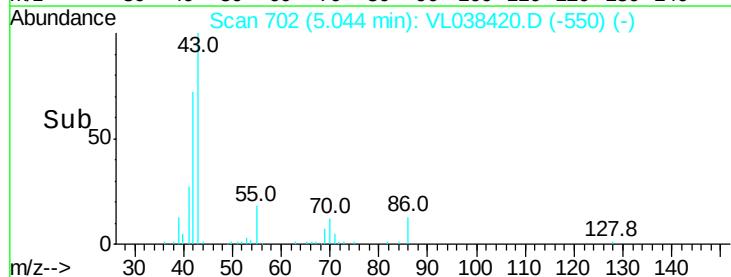
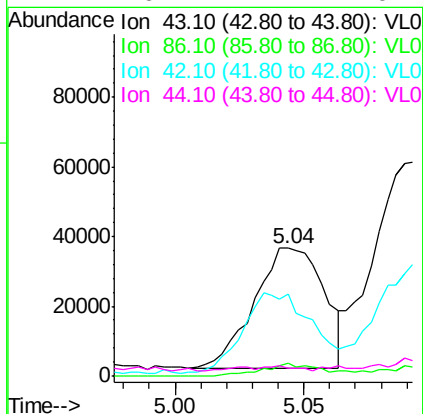
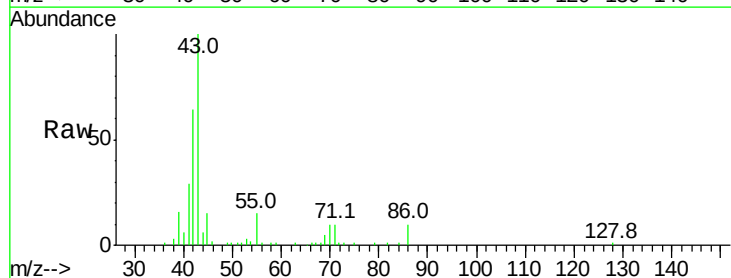
Ion Ratio Lower Upper

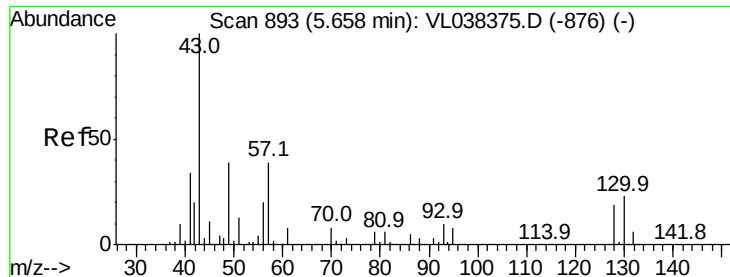
43 100

86 11.2 5.8 8.6#

42 65.2 7.4 11.0#

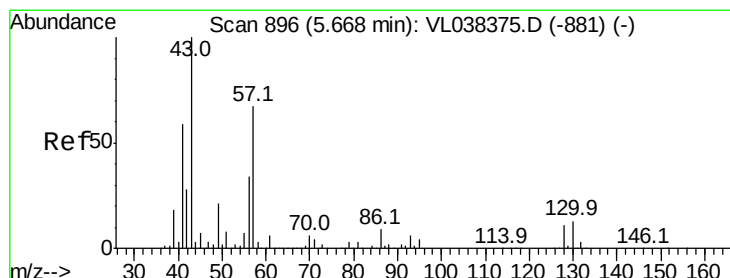
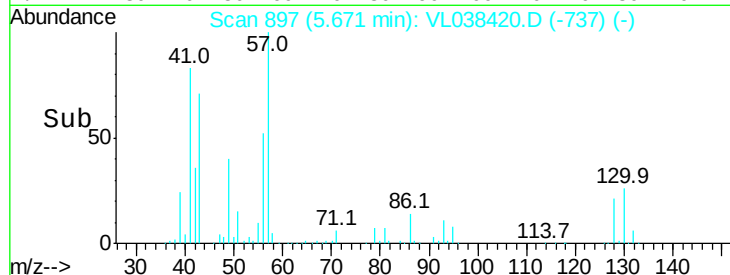
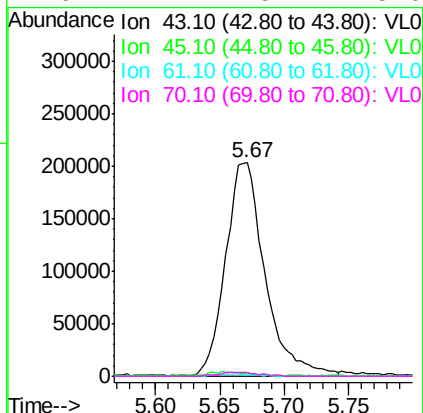
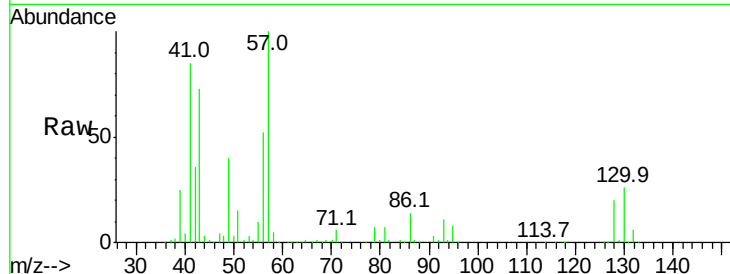
44 0.7 4.2 6.2#





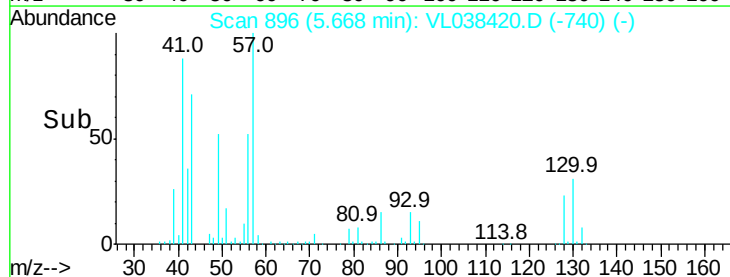
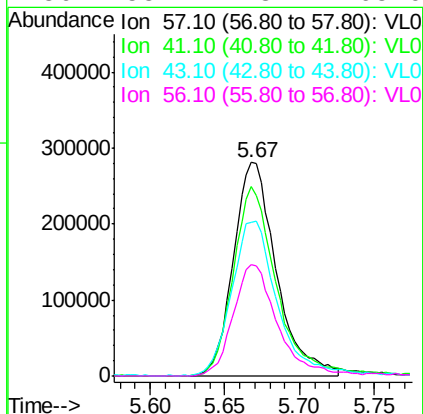
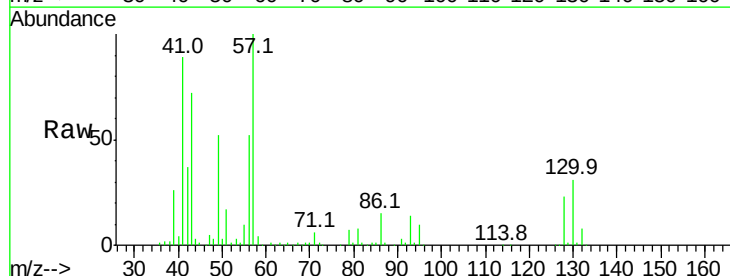
#25
Ethyl Acetate
Concen: 2.39 ppbv
RT: 5.67 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 23 Feb 2022 23:12

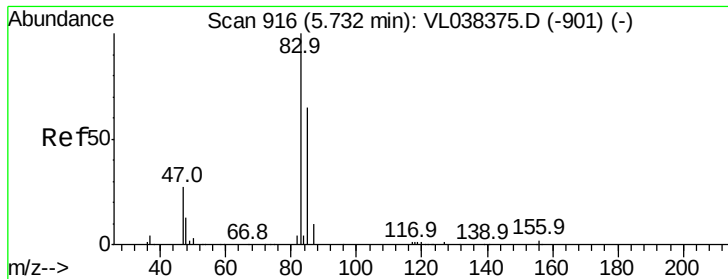
Tgt Ion:	43	Resp:	429330
Ion	Ratio	Lower	Upper
43	100		
45	2.0	7.8	11.6#
61	1.1	7.5	11.3#
70	2.1	5.4	8.0#



#26
Hexane
Concen: 6.89 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.00 min
Lab File: VL038420.D
Acq: 23 Feb 2022 23:12

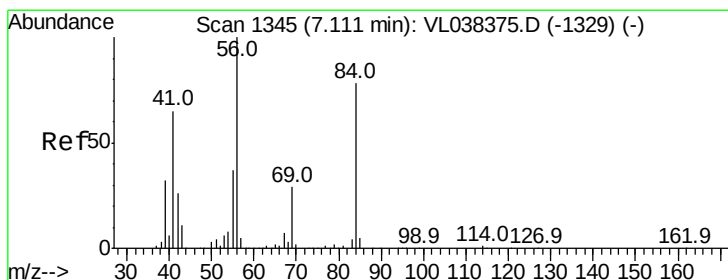
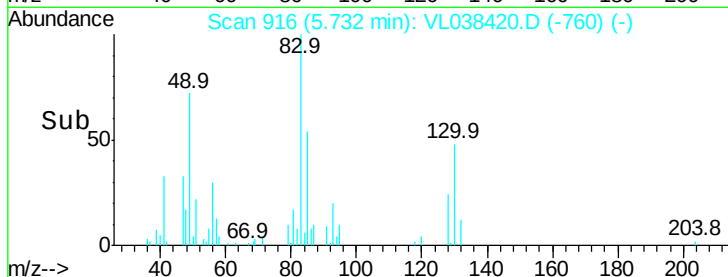
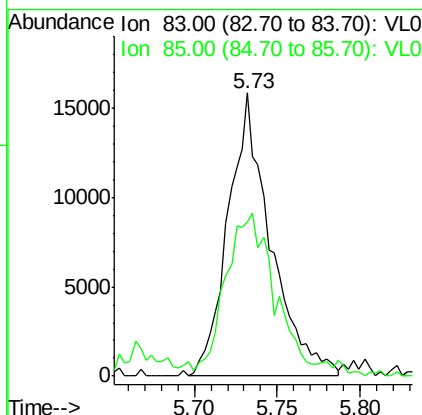
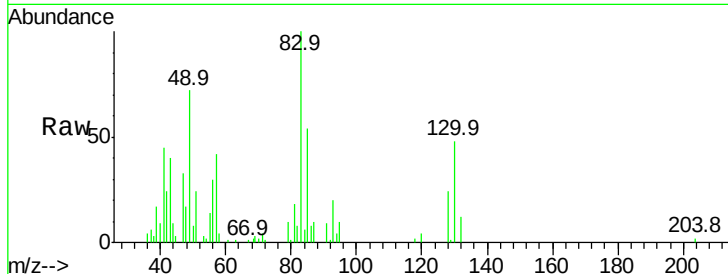
Tgt Ion:	57	Resp:	560762
Ion	Ratio	Lower	Upper
57	100		
41	90.3	73.1	109.7
43	78.1	181.0	271.4#
56	55.1	43.4	65.0





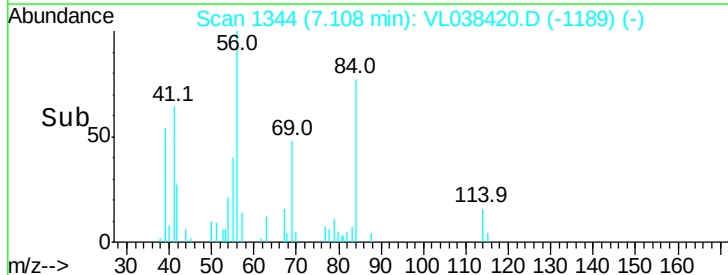
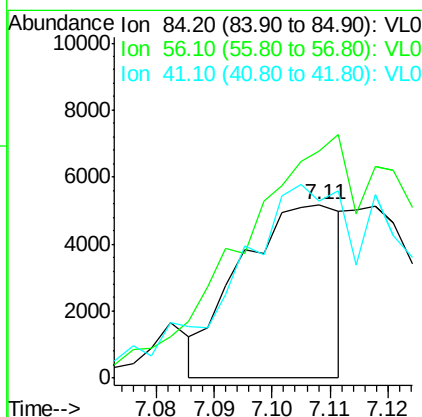
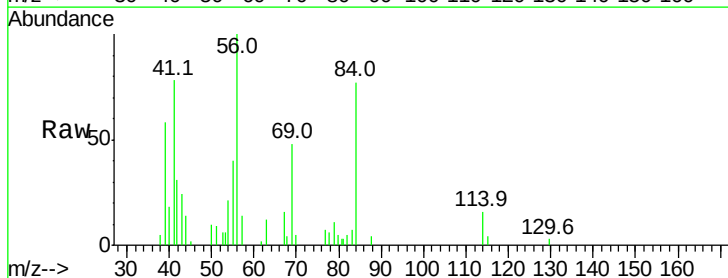
#29
 Chloroform
 Concen: 0.21 ppbv
 RT: 5.73
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 23 Feb 2022 23:12

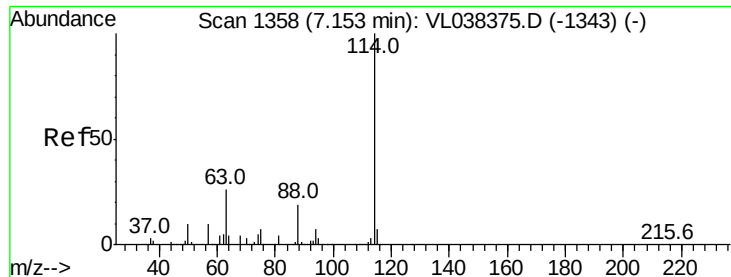
Tgt Ion: 83 Resp: 28105
 Ion Ratio Lower Upper
 83 100
 85 49.0 51.6 77.4#



#30
 Cyclohexane
 Concen: 0.09 ppbv
 RT: 7.11 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VL038420.D
 Acq: 23 Feb 2022 23:12

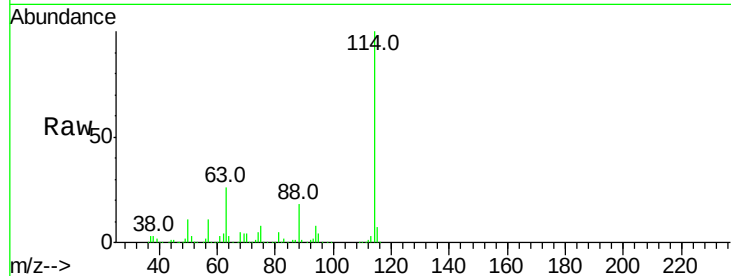
Tgt Ion: 84 Resp: 6184
 Ion Ratio Lower Upper
 84 100
 56 0.0 116.2 174.4#
 41 205.0 74.3 111.5#



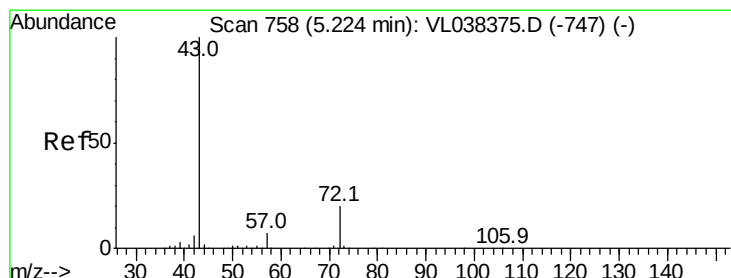
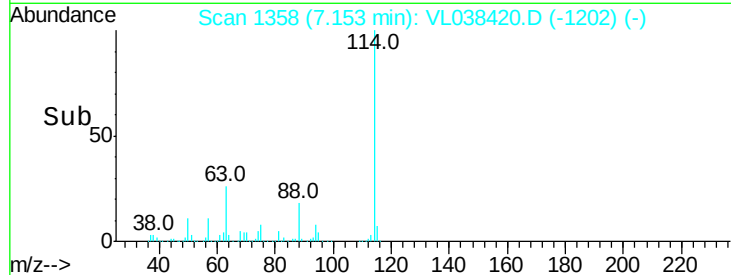
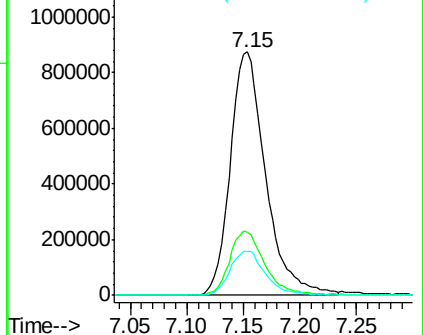


#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.15
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 23 Feb 2022 23:12

Tgt Ion: 114 Resp: 1904796
 Ion Ratio Lower Upper
 114 100
 63 26.8 22.2 33.2
 88 18.7 15.2 22.8

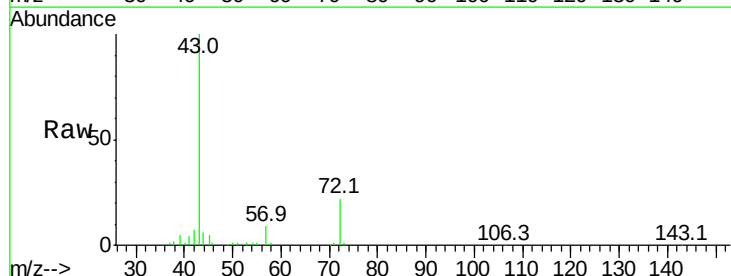


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

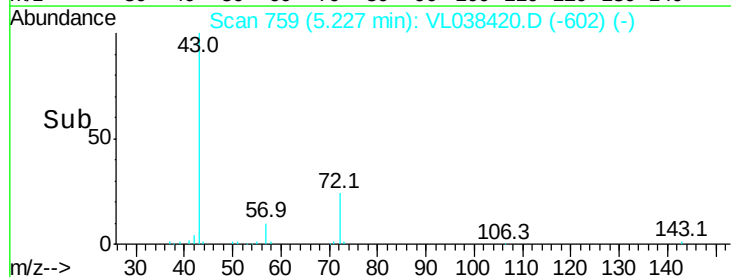
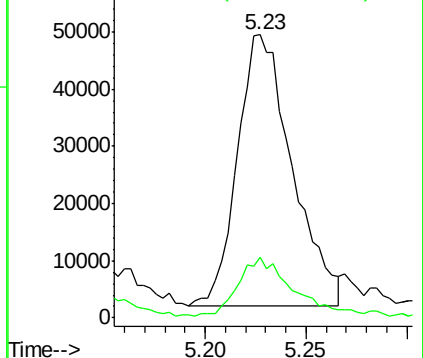


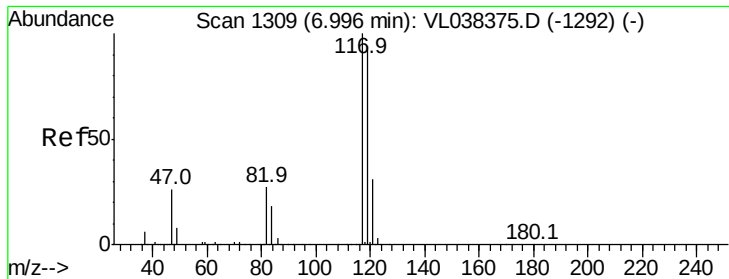
#34
 2-Butanone
 Concen: 1.50 ppbv
 RT: 5.23 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VL038420.D
 Acq: 23 Feb 2022 23:12

Tgt Ion: 43 Resp: 90134
 Ion Ratio Lower Upper
 43 100
 72 25.2 17.4 26.2



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 0.06 ppbv

RT: 7.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Feb 2022 23:12

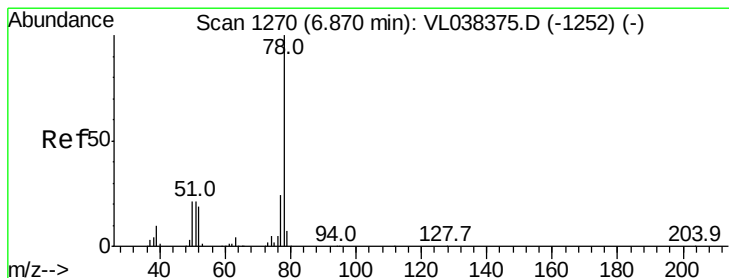
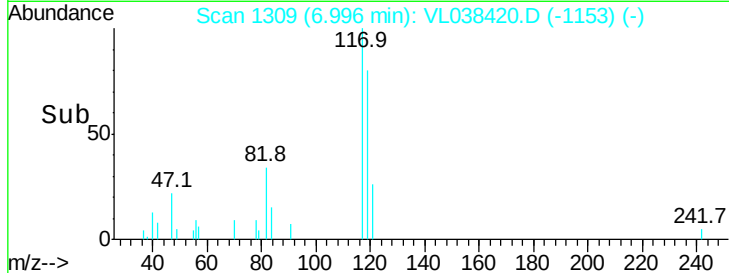
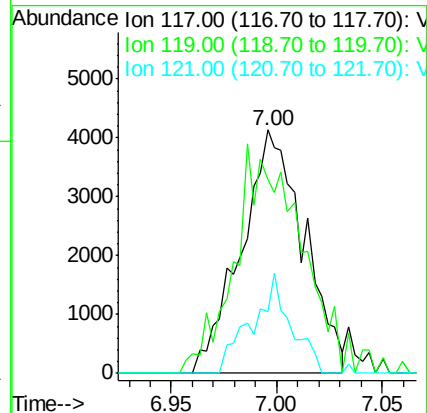
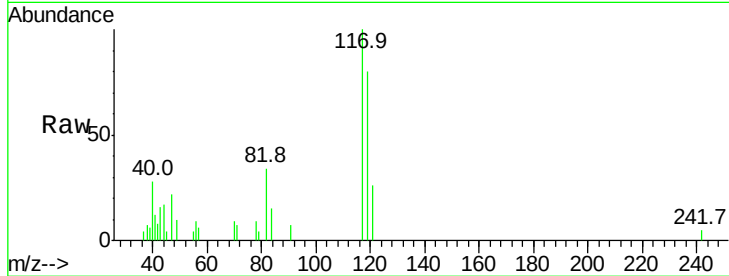
Tgt Ion: 117 Resp: 8535

Ion Ratio Lower Upper

117 100

119 79.6 74.9 112.3

121 25.6 24.8 37.2



#36

Benzene

Concen: 0.81 ppbv

RT: 6.87 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VL038420.D

Acq: 23 Feb 2022 23:12

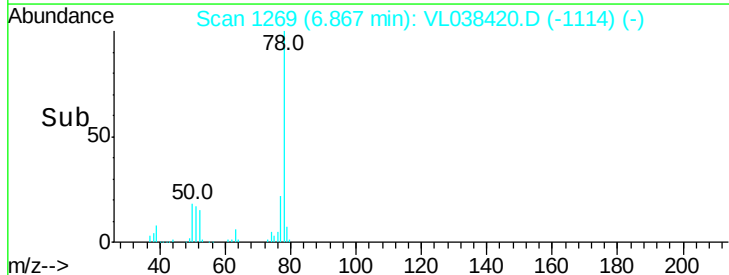
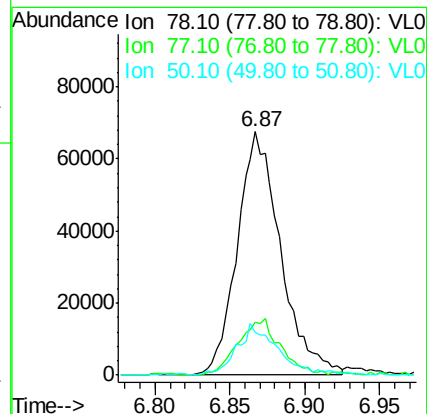
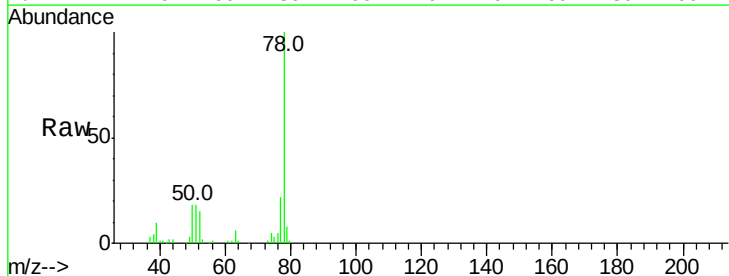
Tgt Ion: 78 Resp: 135979

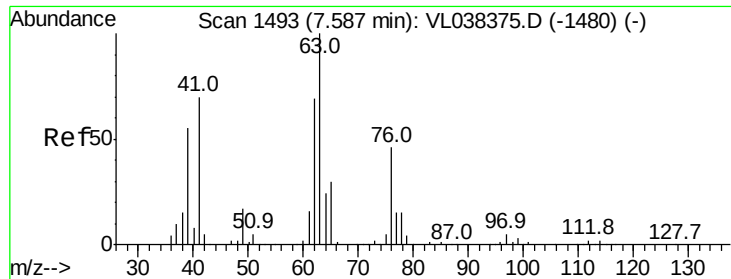
Ion Ratio Lower Upper

78 100

77 21.4 19.0 28.6

50 17.5 16.6 24.8





#39

1,2-Dichloropropane

Concen: 7.52 ppbv

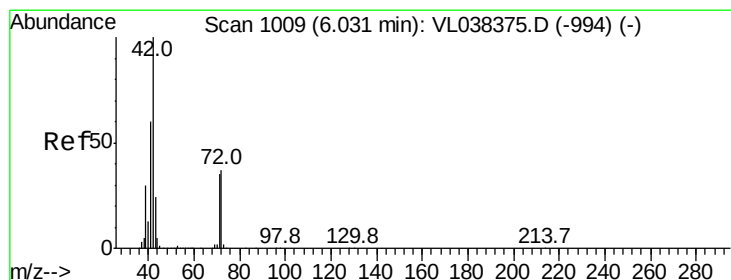
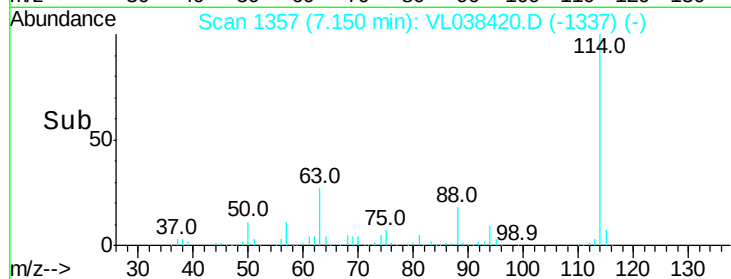
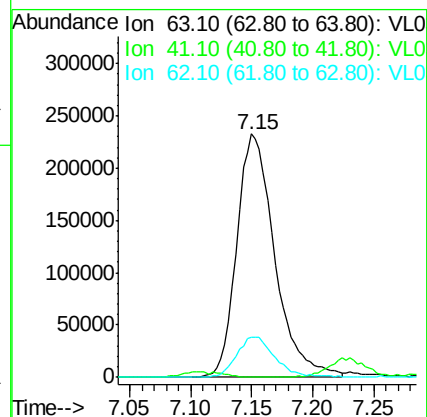
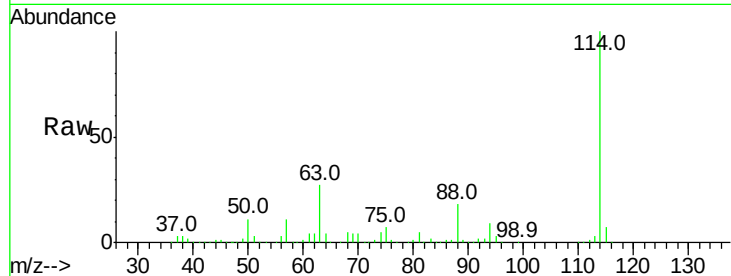
RT: 7.15 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Feb 2022 23:12

Tgt Ion:	63	Resp:	502337
Ion Ratio	Lower	Upper	
63	100		
41	0.0	56.1	84.1#
62	16.4	55.5	83.3#



#41

Tetrahydrofuran

Concen: 0.18 ppbv

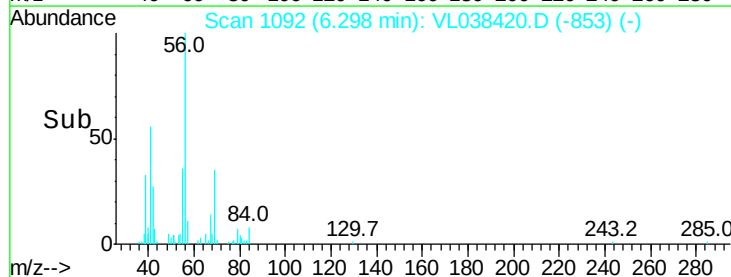
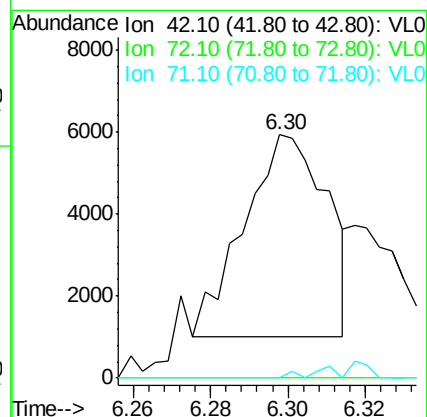
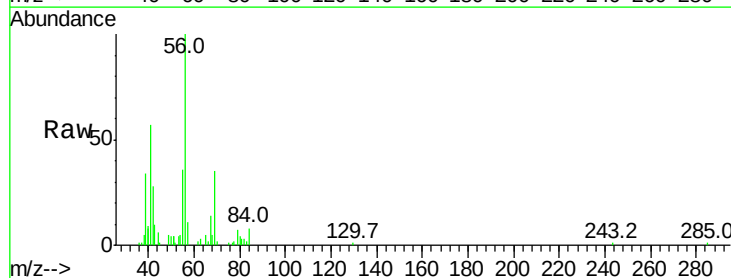
RT: 6.30 min Scan# 1092

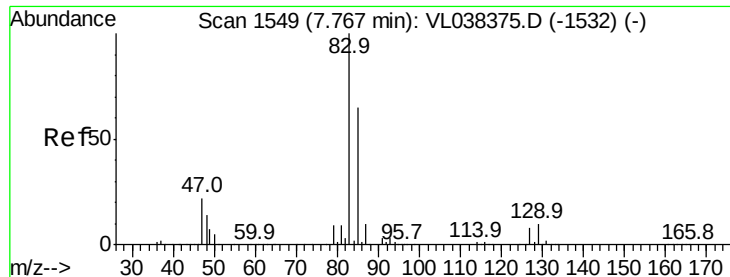
Delta R.T. 0.27 min

Lab File: VL038420.D

Acq: 23 Feb 2022 23:12

Tgt Ion:	42	Resp:	7369
Ion Ratio	Lower	Upper	
42	100		
72	0.0	29.9	44.9#
71	0.0	28.6	42.8#





#42

Bromodichloromethane

Concen: 0.04 ppbv

RT: 7.76 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 23 Feb 2022 23:12

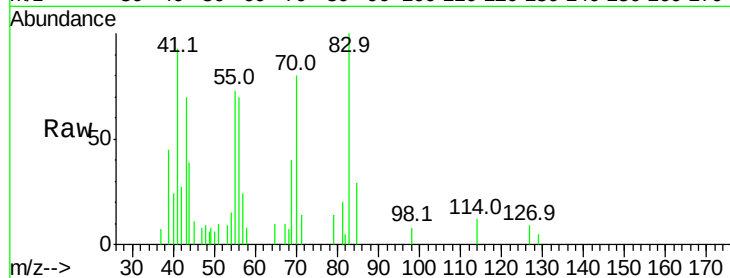
Tgt Ion: 83 Resp: 5807

Ion Ratio Lower Upper

83 100

85 32.8 52.2 78.4#

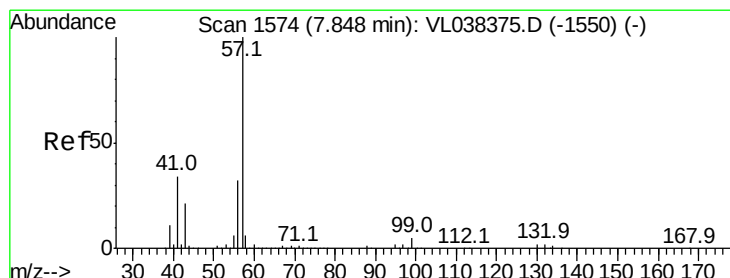
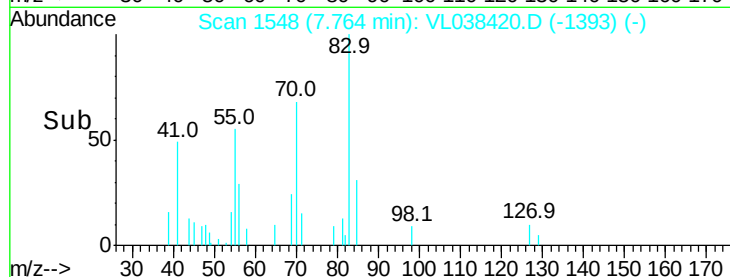
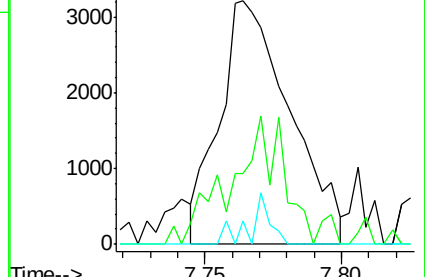
127 10.6 6.2 9.4#



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): VL0



#44

2,2,4-Trimethylpentane

Concen: 0.12 ppbv

RT: 7.85 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VL038420.D

Acq: 23 Feb 2022 23:12

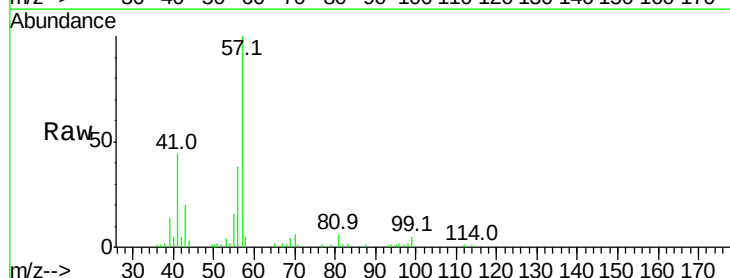
Tgt Ion: 57 Resp: 35631

Ion Ratio Lower Upper

57 100

41 0.0 26.6 39.8#

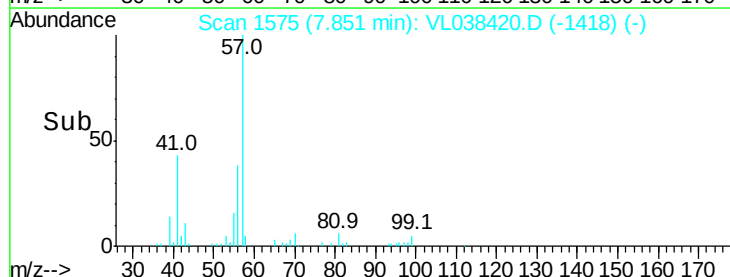
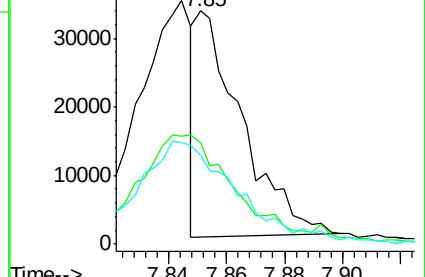
56 0.0 25.0 37.6#

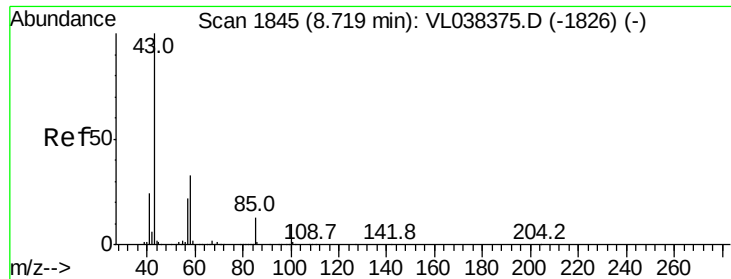


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#50

4-Methyl-2-Pentanone

Concen: 0.06 ppbv

RT: 8.72 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

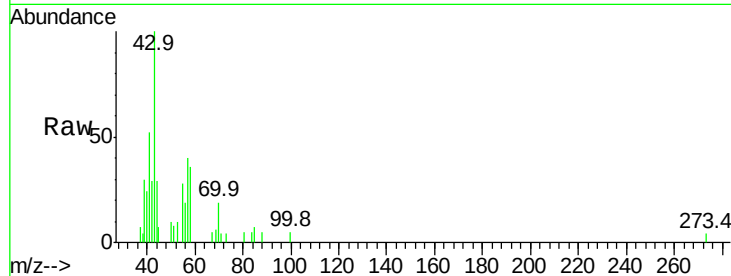
Acq: 23 Feb 2022 23:12 IA-3DUP

Tgt Ion: 43 Resp: 6012

Ion Ratio Lower Upper

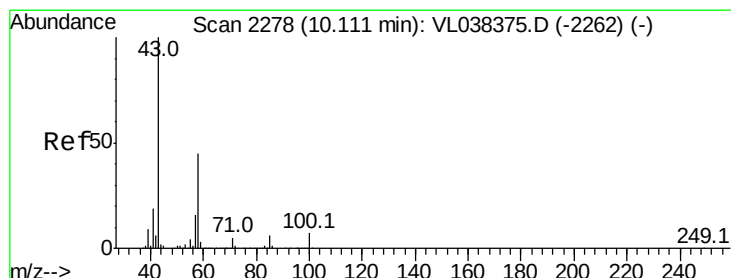
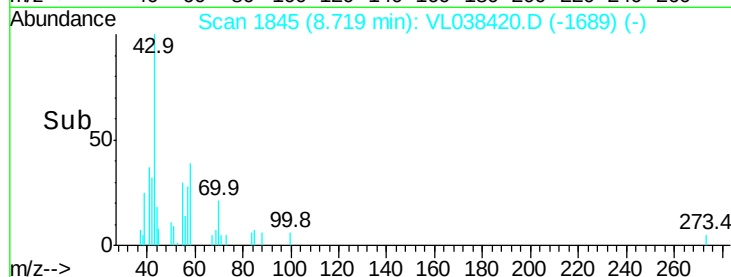
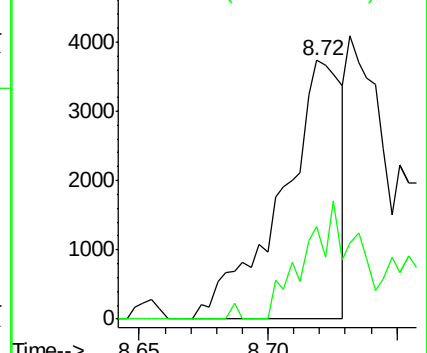
43 100

58 0.0 27.7 41.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#51

2-Hexanone

Concen: 0.04 ppbv

RT: 10.12 min Scan# 2282

Delta R.T. 0.01 min

Lab File: VL038420.D

Acq: 23 Feb 2022 23:12

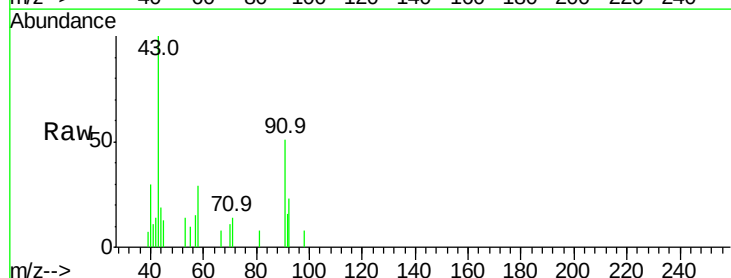
Tgt Ion: 43 Resp: 1875

Ion Ratio Lower Upper

43 100

58 83.4 37.4 56.0#

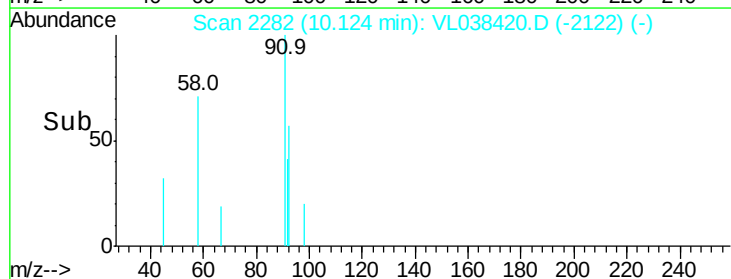
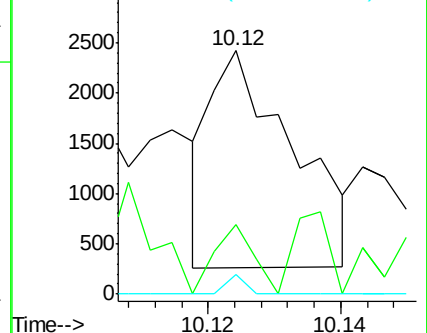
98 2.0 0.1 0.1#

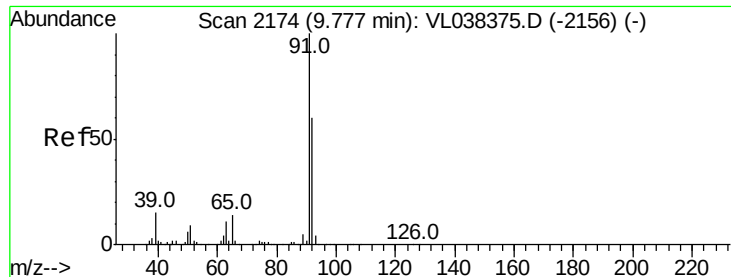


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 98.20 (97.90 to 98.90): VL0





#53

Toluene

Concen: 5.46 ppbv

RT: 9.78 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: IA-3DUP

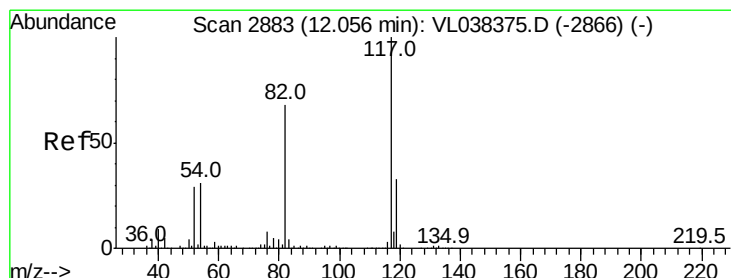
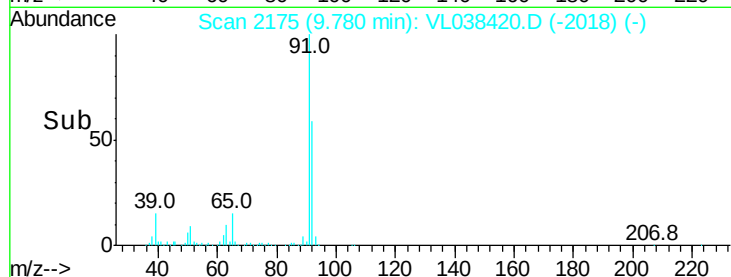
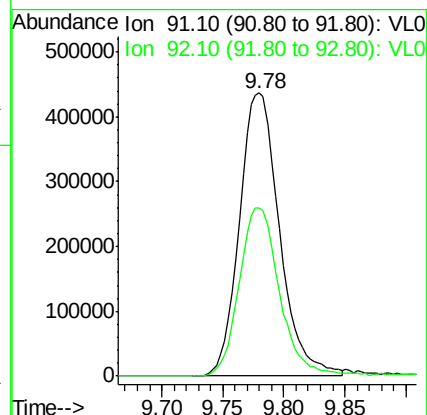
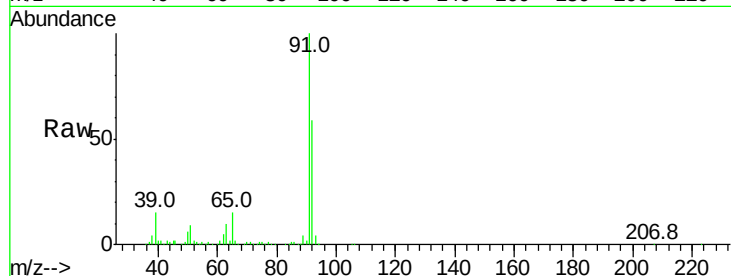
Acq: 23 Feb 2022 23:12

Tgt Ion: 91 Resp: 994073

Ion Ratio Lower Upper

91 100

92 60.8 48.2 72.4



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.06 min Scan# 2883

Delta R.T. 0.00 min

Lab File: VL038420.D

Acq: 23 Feb 2022 23:12

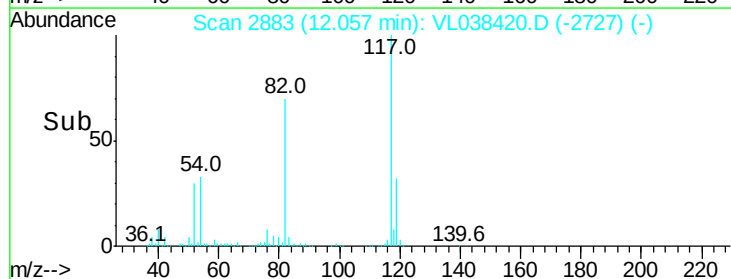
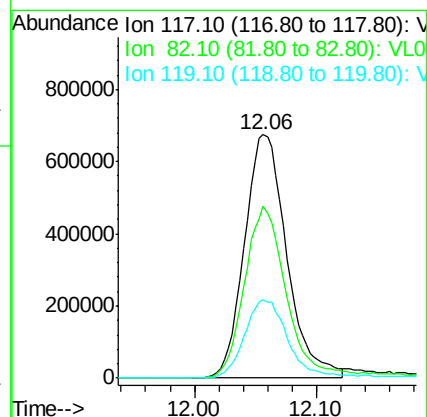
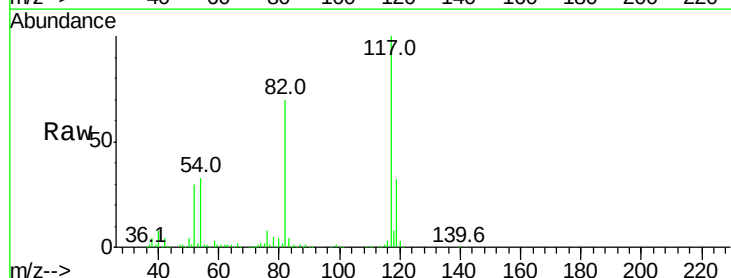
Tgt Ion: 117 Resp: 1613947

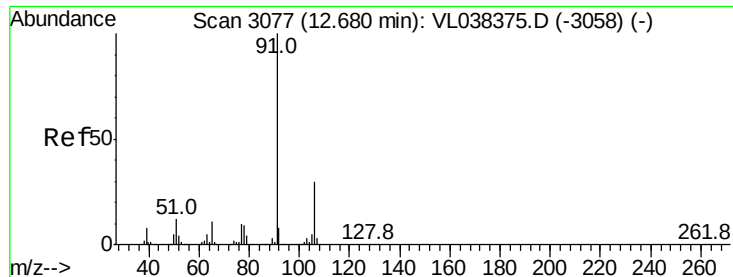
Ion Ratio Lower Upper

117 100

82 74.3 54.9 82.3

119 34.2 46.1 69.1#





#58

Ethyl Benzene

Concen: 0.06 ppbv

RT: 12.69

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

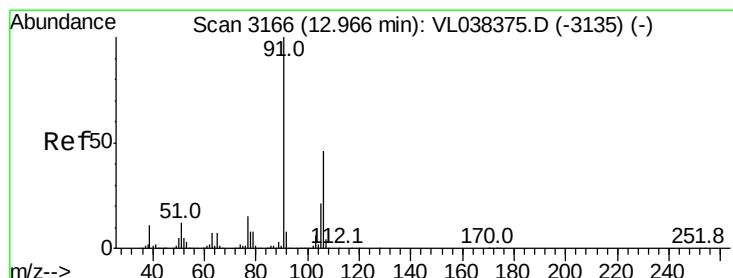
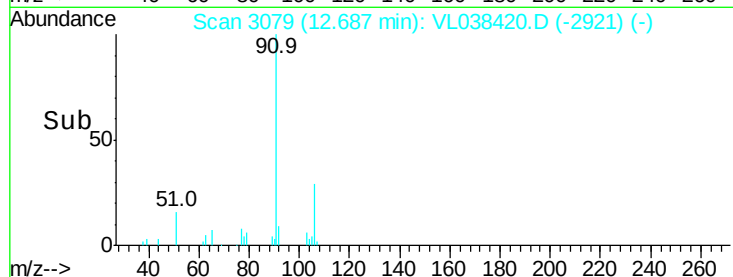
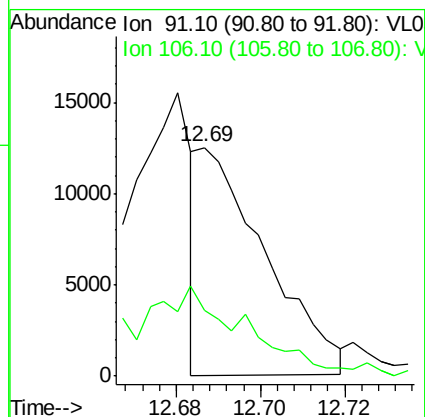
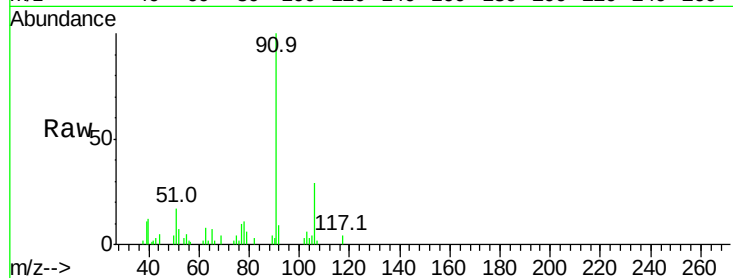
Acq: 23 Feb 2022 23:12

Tgt Ion: 91 Resp: 13608

Ion Ratio Lower Upper

91 100

106 29.0 24.0 36.0



#59

m/p-Xylene

Concen: 0.14 ppbv

RT: 12.96 min Scan# 3163

Delta R.T. -0.01 min

Lab File: VL038420.D

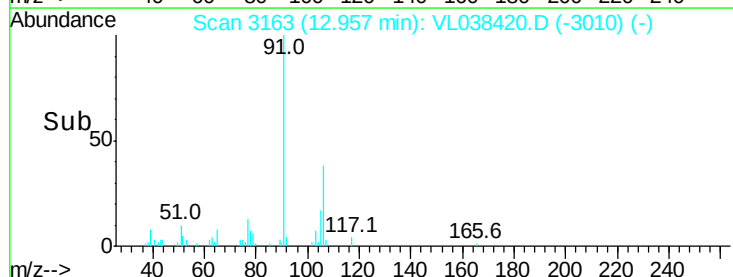
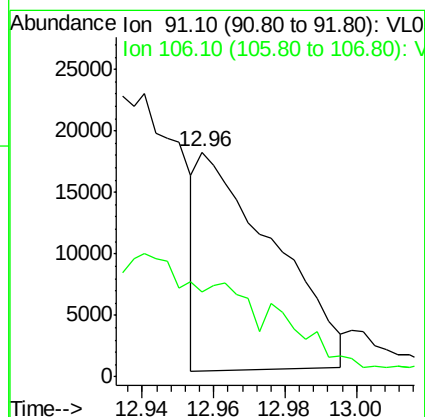
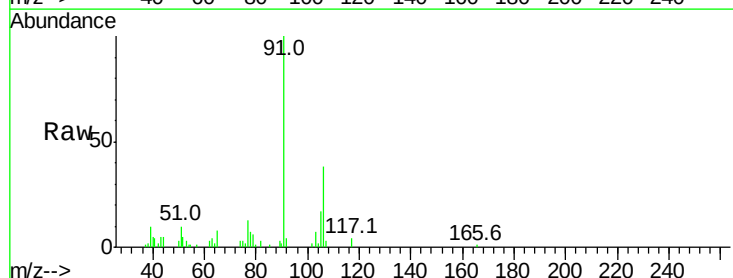
Acq: 23 Feb 2022 23:12

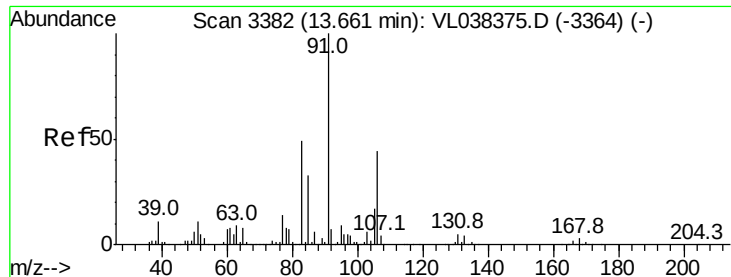
Tgt Ion: 91 Resp: 26071

Ion Ratio Lower Upper

91 100

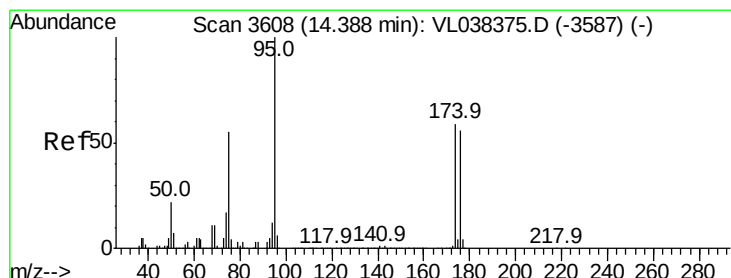
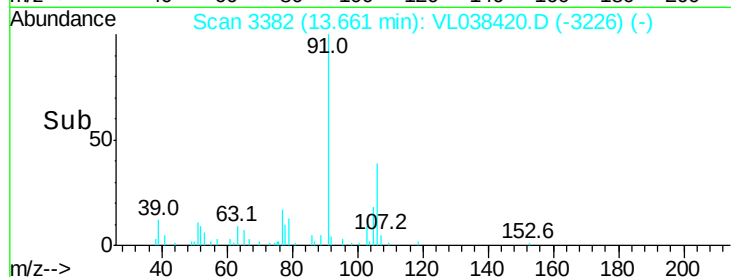
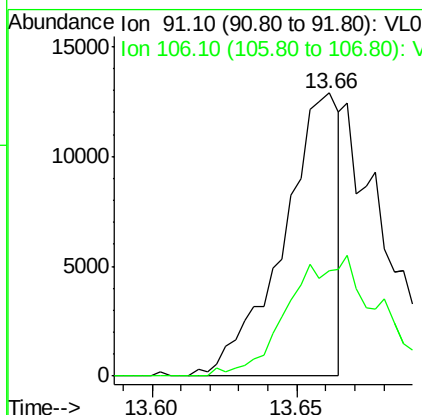
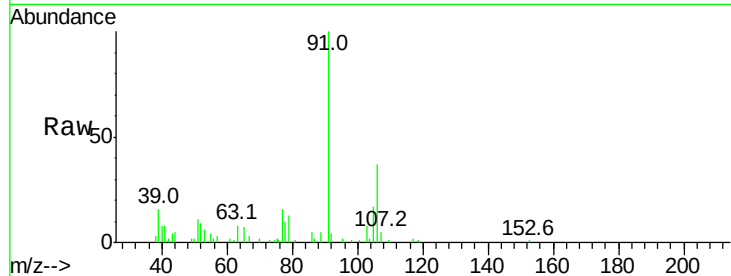
106 0.0 34.4 51.6#





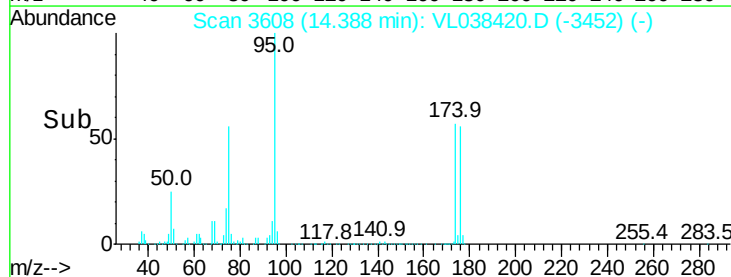
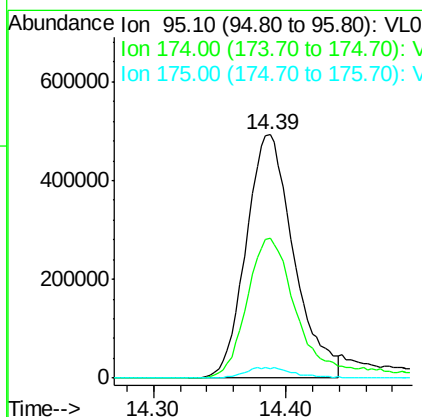
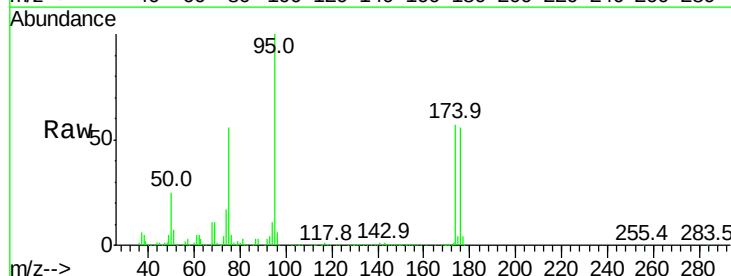
#60
o-Xylene
Concen: 0.10 ppbv
RT: 13.66
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 23 Feb 2022 23:12

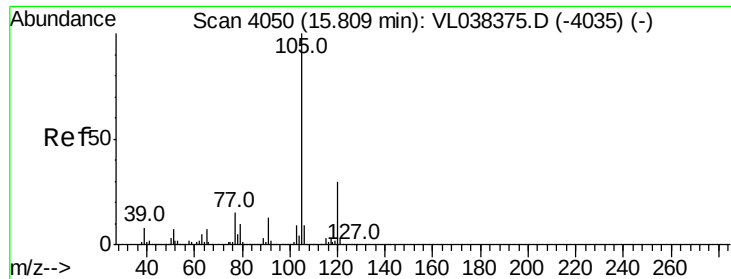
Tgt Ion: 91 Resp: 17342
Ion Ratio Lower Upper
91 100
106 0.0 21.9 65.5#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.24 ppbv
RT: 14.39 min Scan# 3608
Delta R.T. 0.00 min
Lab File: VL038420.D
Acq: 23 Feb 2022 23:12

Tgt Ion: 95 Resp: 1233554
Ion Ratio Lower Upper
95 100
174 64.9 49.0 73.4
175 4.8 3.6 5.4





#72

4-Ethyltoluene

Concen: 0.03 ppbv

RT: 15.81

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Feb 2022 23:12

Tgt Ion:105 Resp: 5931

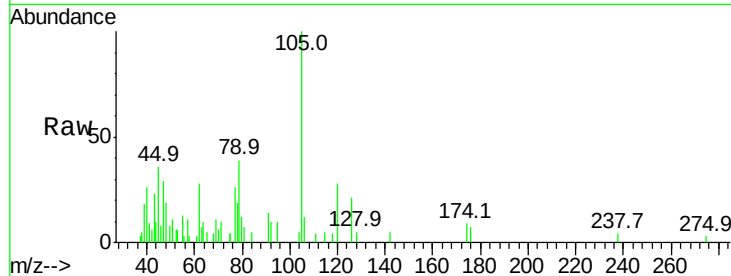
Ion Ratio Lower Upper

105 100

120 59.6 23.4 35.2#

91 0.0 10.4 15.6#

77 0.0 11.6 17.4#

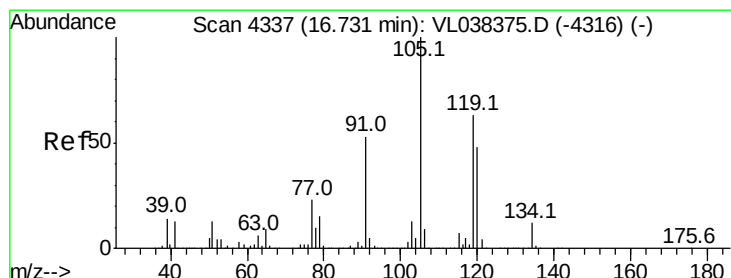
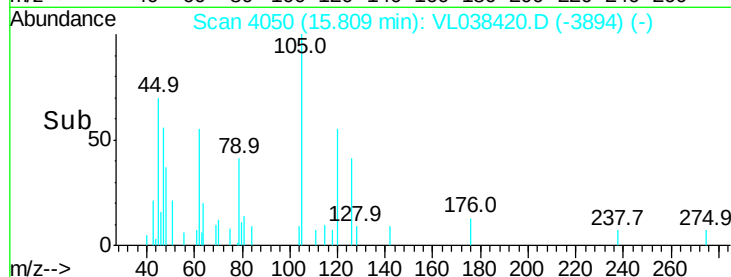
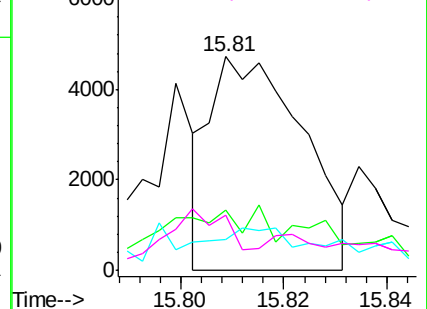


Abundance Ion 105.10 (104.80 to 105.80): V

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



#74

1,2,4-Trimethylbenzene

Concen: 0.07 ppbv

RT: 16.73 min Scan# 4337

Delta R.T. 0.00 min

Lab File: VL038420.D

Acq: 23 Feb 2022 23:12

Tgt Ion:105 Resp: 14144

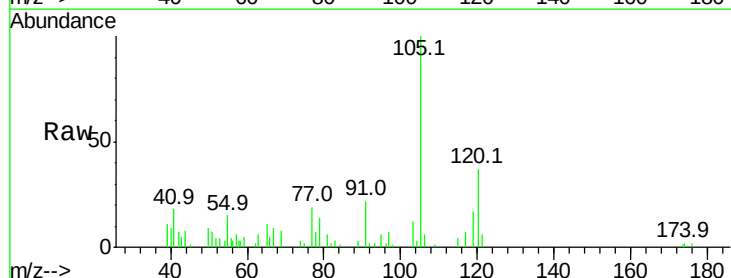
Ion Ratio Lower Upper

105 100

120 38.2 38.2 57.4#

91 20.2 42.7 64.1#

77 15.6 18.5 27.7#



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

