

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031722\
 Data File : VL038642.D
 Acq On : 18 Mar 2022 1:44
 Operator : SY/AP
 Sample : N1965-11DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PA8DUP

Quant Time: Mar 18 03:41:25 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 08 21:18:44 2022
 QLast Update : Tue Mar 08 21:18:44 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	833204	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2143710	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.09	117	1889174	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1335183	9.30	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.00%

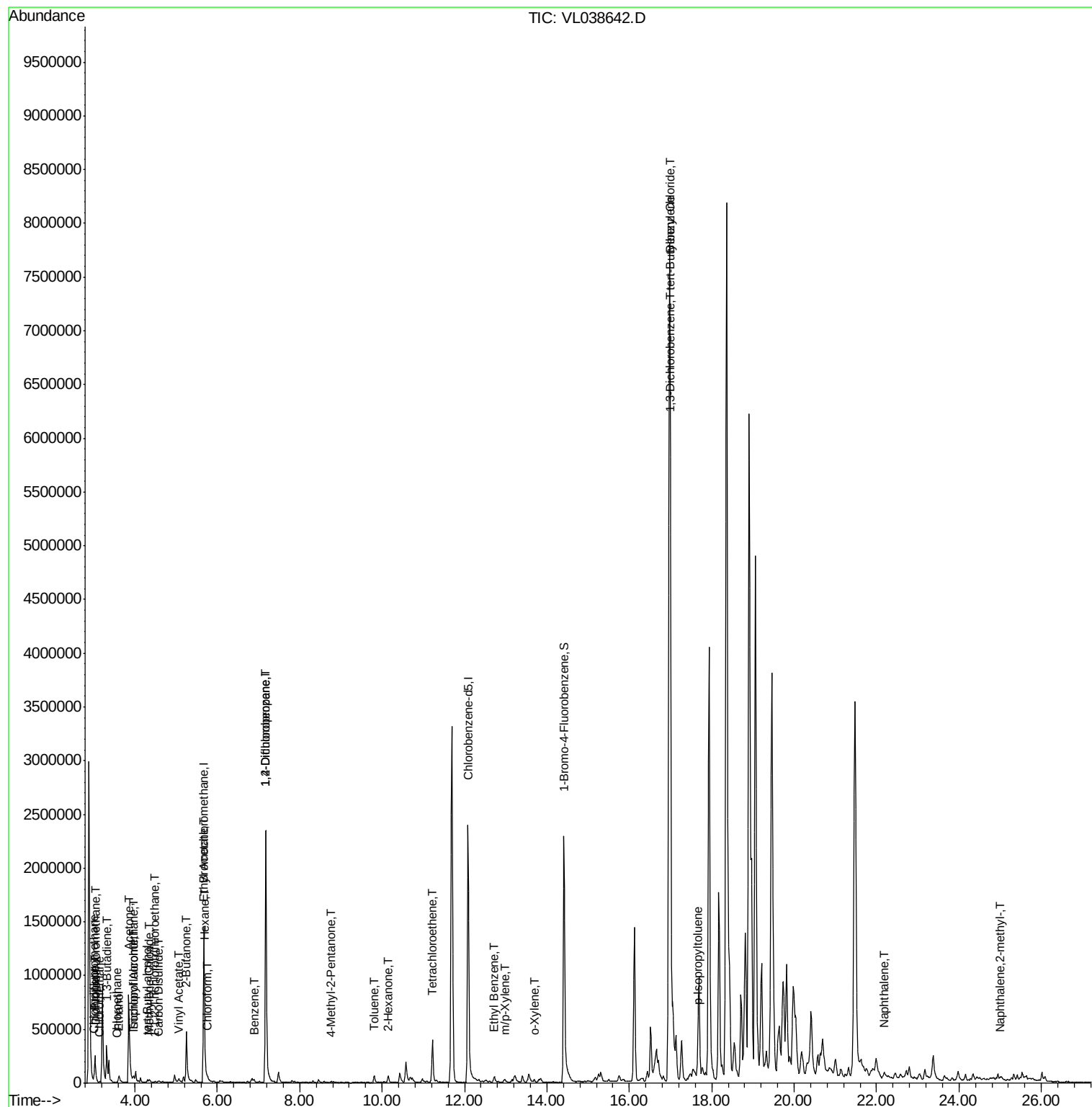
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.05	85	25766	0.20	ppbv	97
3) Chlorodifluoromethane	2.99	51	32108	0.22	ppbv	94
4) Chloromethane	3.15	50	8271	0.15	ppbv	90
7) Chloroethane	3.56	64	439	0.02	ppbv #	87
9) Propene	3.03	41	87172	1.68	ppbv #	82
11) Trichlorofluoromethane	3.96	101	22853	0.21	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.49	101	2993	0.03	ppbv #	10
13) Ethanol	3.61	45	92368	15.51	ppbv	95
15) Acetone	3.85	43	1103895	18.78	ppbv #	88
16) 1,3-Butadiene	3.32	39	91037	1.93	ppbv #	18
17) tert-Butyl alcohol	4.30	59	20665	0.32	ppbv #	88
19) Isopropyl Alcohol	3.98	45	37675	0.96	ppbv #	92
20) Methylene Chloride	4.35	84	8231	0.23	ppbv #	83
23) Vinyl Acetate	5.07	43	28369	0.34	ppbv #	84
25) Ethyl Acetate	5.69	43	11123	0.06	ppbv #	82
26) Hexane	5.69	57	11984	0.13	ppbv #	1
27) Carbon Disulfide	4.56	76	9042	0.10	ppbv #	60
29) Chloroform	5.76	83	14068	0.10	ppbv	83
34) 2-Butanone	5.25	43	692390	12.46	ppbv	97
36) Benzene	6.89	78	16831	0.09	ppbv	94
39) 1,2-Dichloropropane	7.18	63	490889	6.60	ppbv #	27
50) 4-Methyl-2-Pentanone	8.76	43	4668	0.04	ppbv #	71
51) 2-Hexanone	10.14	43	22313	0.46	ppbv #	28
52) Tetrachloroethene	11.22	164	108404	1.53	ppbv	97
53) Toluene	9.81	91	29695	0.14	ppbv #	40
58) Ethyl Benzene	12.71	91	7104	0.03	ppbv	91
59) m/p-Xylene	13.00	91	5225	0.02	ppbv #	30
60) o-Xylene	13.70	91	5258	0.03	ppbv #	30
65) tert-Butylbenzene	16.98	119	155625	0.64	ppbv #	25
66) Benzyl Chloride	17.00	91	316	0.02	ppbv #	66
69) p-Isopropyltoluene	17.65	119	6218	0.02	ppbv #	73
75) 1,3-Dichlorobenzene	17.01	146	7060	0.05	ppbv #	24
79) Naphthalene	22.19	128	9771	0.05	ppbv #	85
80) Naphthalene,2-methyl-	24.98	142	1074	0.03	ppbv #	32

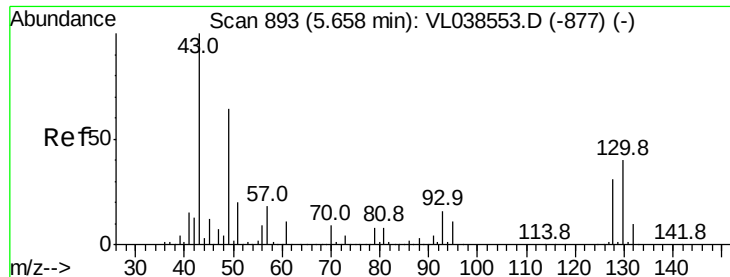
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL031722\
Data File : VL038642.D
Acq On : 18 Mar 2022 1:44
Operator : SY/AP
Sample : N1965-11DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
C0PA8DUP

Quant Time: Mar 18 03:41:25 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 08 21:18:44 2022
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Mar 2022 1:44

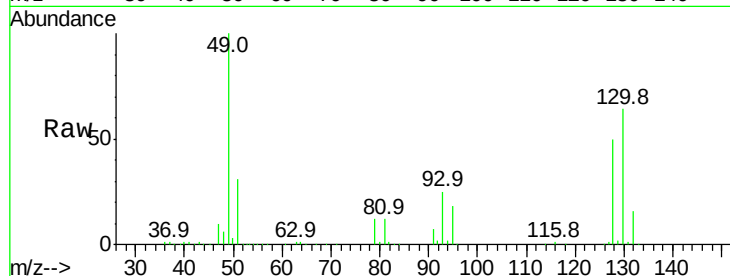
Tgt Ion: 49 Resp: 833204

Ion Ratio Lower Upper

49 100

128 53.5 26.4 79.2

130 68.6 33.0 98.9

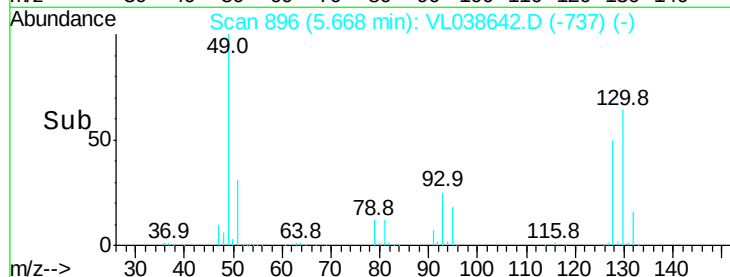


Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

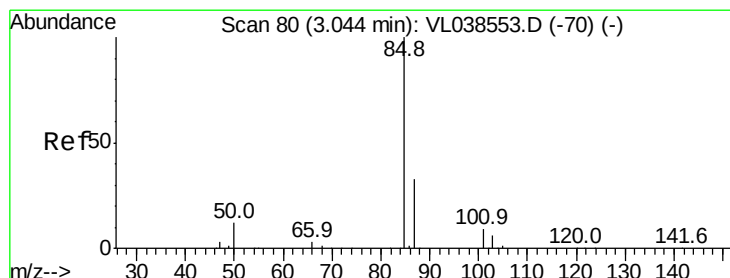
Ion 130.00 (129.70 to 130.70): VL0

Time-->



Abundance

Time-->



#2

Dichlorodifluoromethane

Concen: 0.20 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.01 min

Lab File: VL038642.D

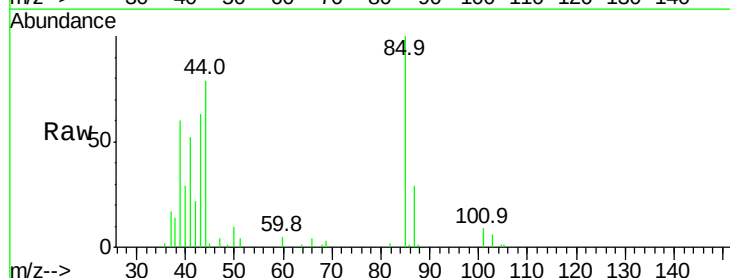
Acq: 18 Mar 2022 1:44

Tgt Ion: 85 Resp: 25766

Ion Ratio Lower Upper

85 100

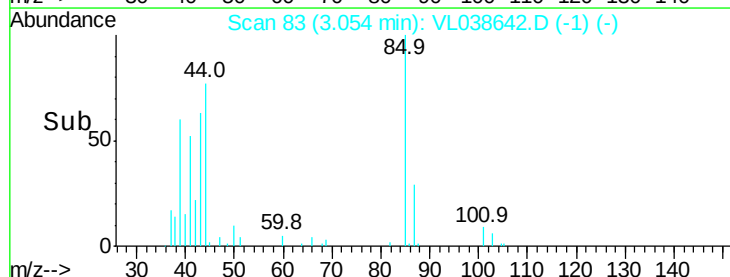
87 30.8 26.2 39.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

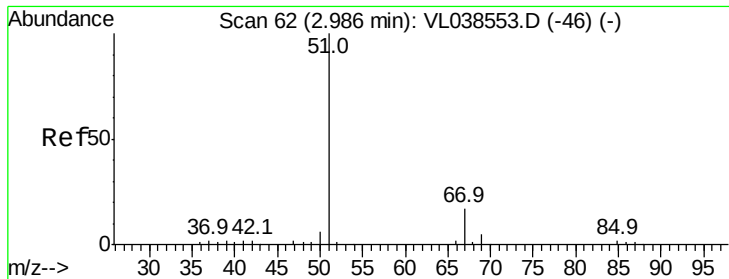
Ion 87.00 (86.70 to 87.70): VL0

Time-->



Abundance

Time-->



#3

Chlorodifluoromethane

Concen: 0.22 ppbv

RT: 2.99 Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId: C0PA8DUP

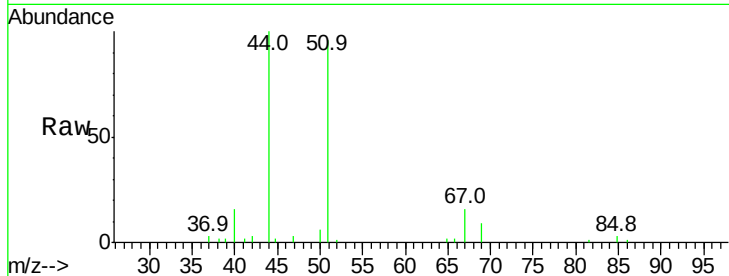
Acq: 18 Mar 2022 1:44

Tgt Ion: 51 Resp: 32108

Ion Ratio Lower Upper

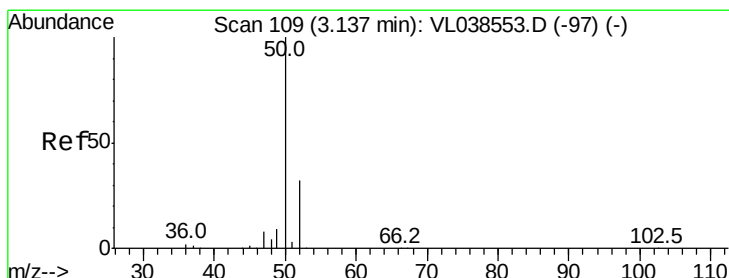
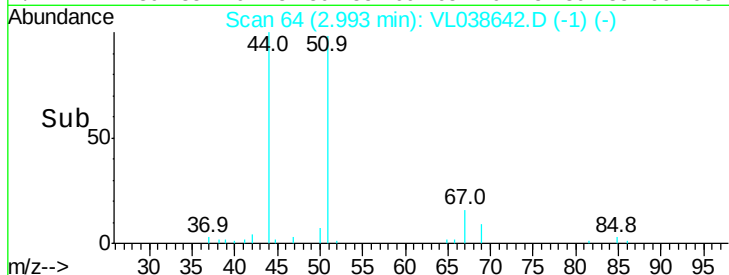
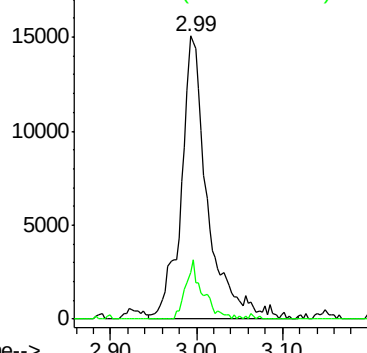
51 100

67 14.2 13.6 20.4



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.15 ppbv

RT: 3.15 min Scan# 113

Delta R.T. 0.01 min

Lab File: VL038642.D

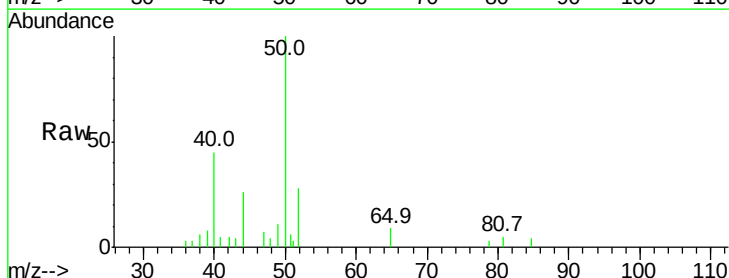
Acq: 18 Mar 2022 1:44

Tgt Ion: 50 Resp: 8271

Ion Ratio Lower Upper

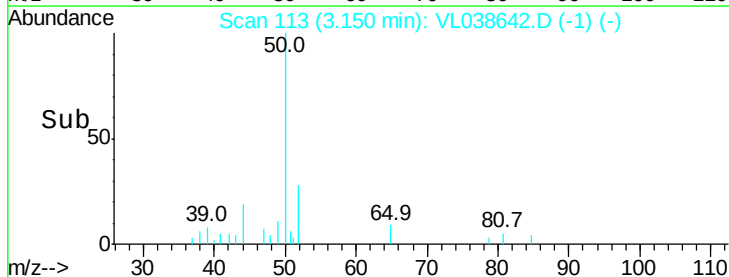
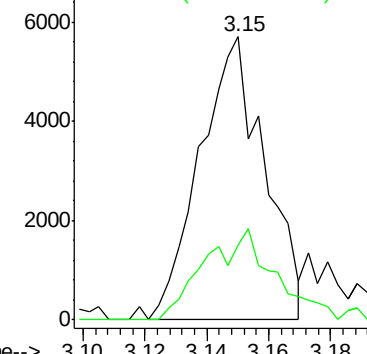
50 100

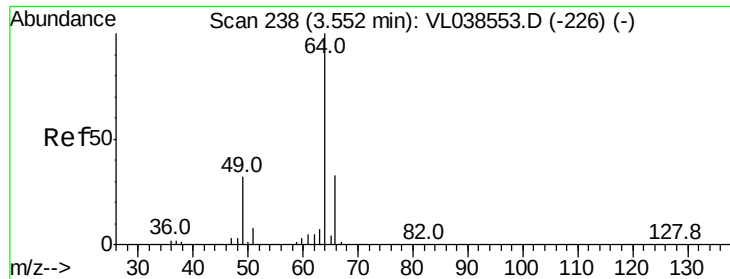
52 26.3 25.6 38.4



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#7

Chloroethane

Concen: 0.02 ppbv

RT: 3.56 Instrument: MSVOA_1

Delta R.T. 0.02

Lab File: ClientSampleId: C0PA8DUP

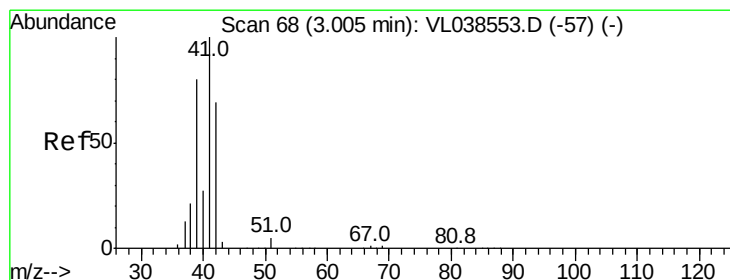
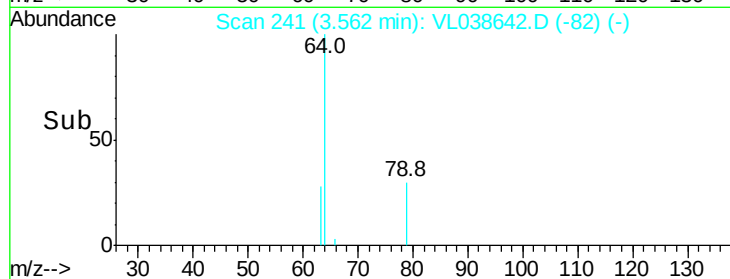
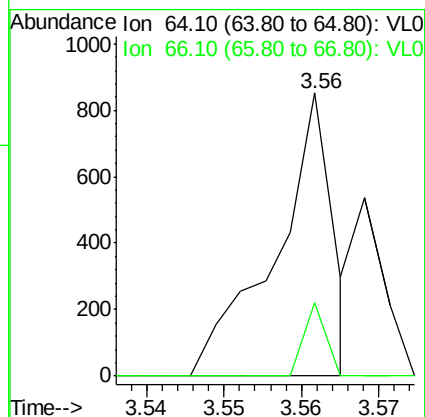
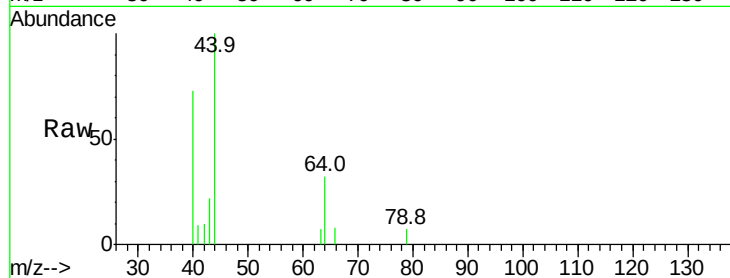
Acq: 18 Mar 2022 1:44

Tgt Ion: 64 Resp: 439

Ion Ratio Lower Upper

64 100

66 25.7 26.6 39.8#



#9

Propene

Concen: 1.68 ppbv

RT: 3.03 min Scan# 75

Delta R.T. 0.02 min

Lab File: VL038642.D

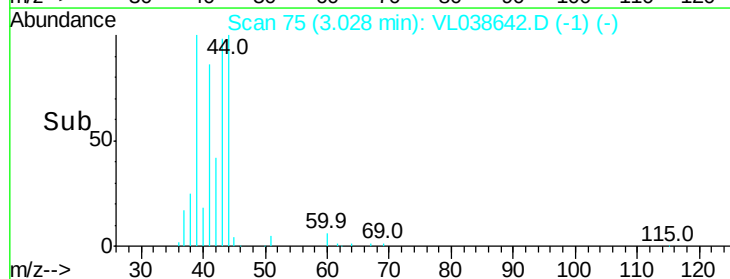
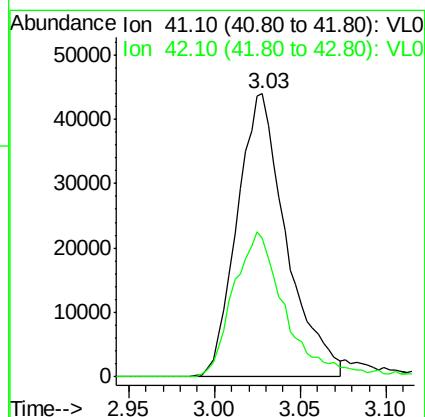
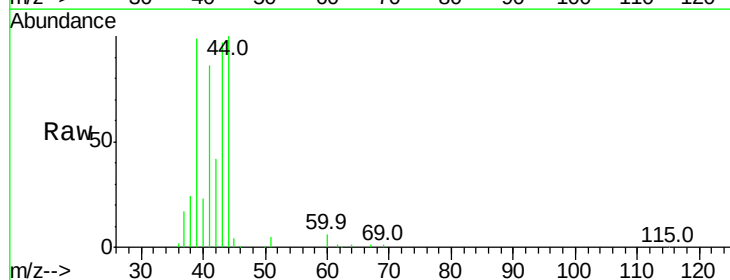
Acq: 18 Mar 2022 1:44

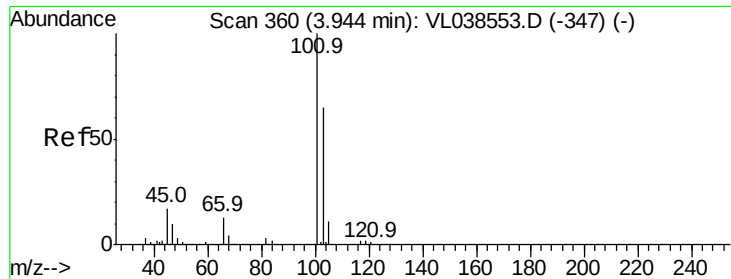
Tgt Ion: 41 Resp: 87172

Ion Ratio Lower Upper

41 100

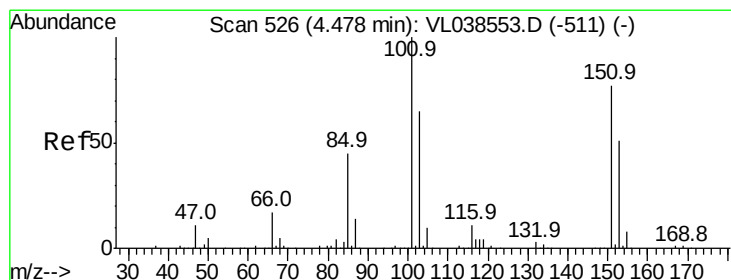
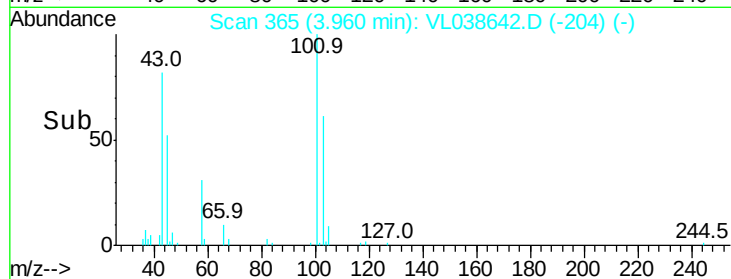
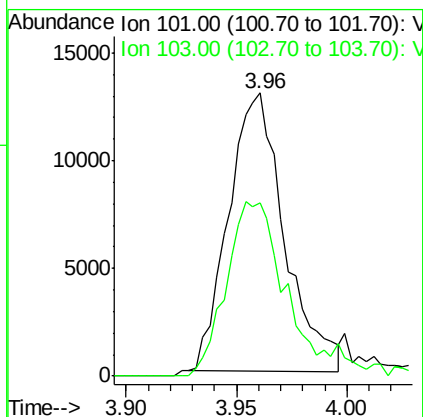
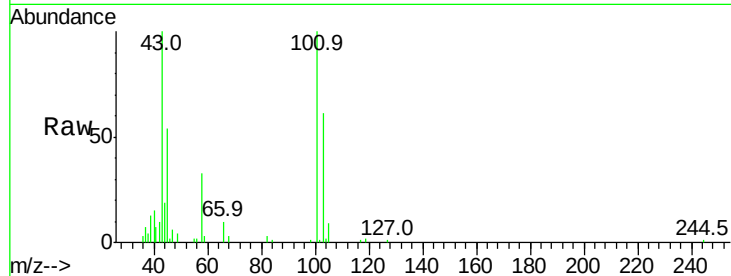
42 54.7 55.7 83.5#





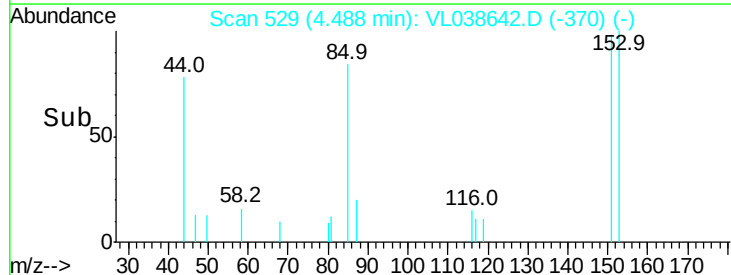
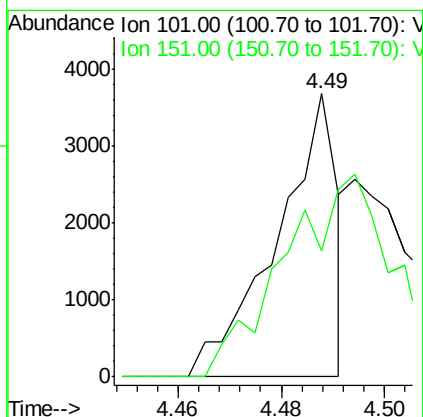
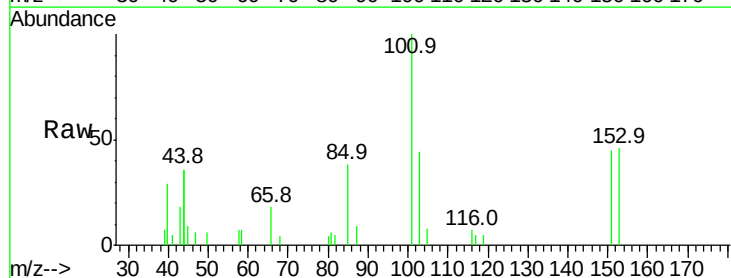
#11
 Trichlorofluoromethane
 Concen: 0.21 ppbv
 RT: 3.96
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 18 Mar 2022 1:44

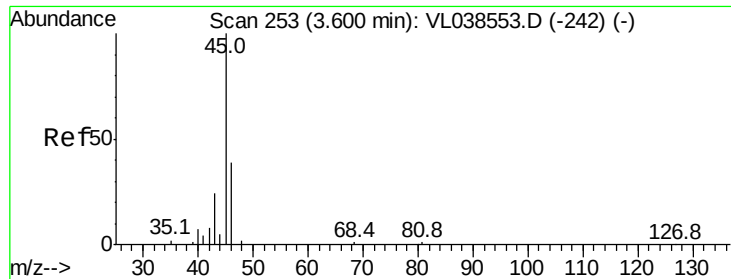
Tgt Ion:101 Resp: 22853
 Ion Ratio Lower Upper
 101 100
 103 62.4 52.0 78.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.03 ppbv
 RT: 4.49 min Scan# 529
 Delta R.T. 0.01 min
 Lab File: VL038642.D
 Acq: 18 Mar 2022 1:44

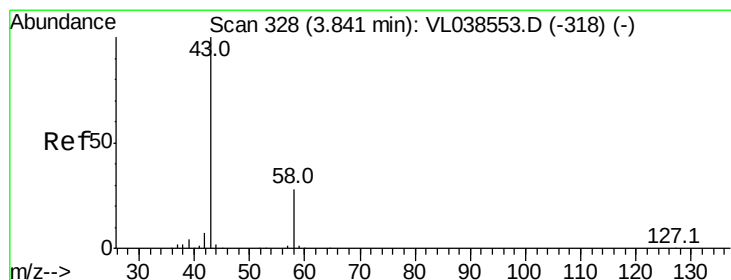
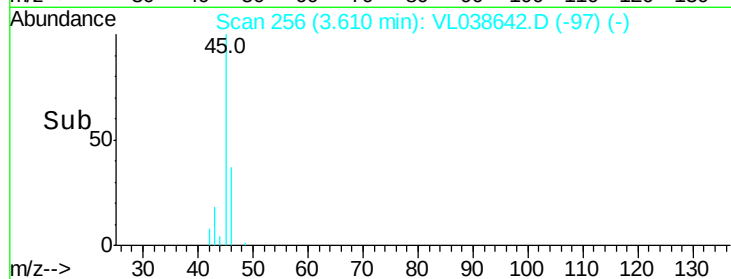
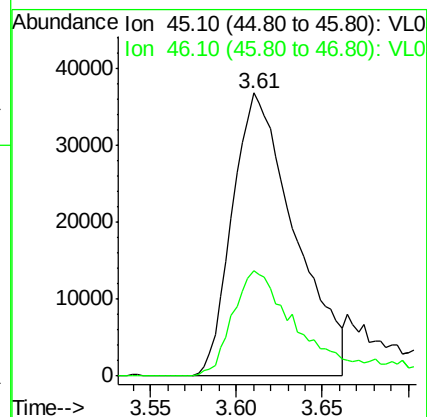
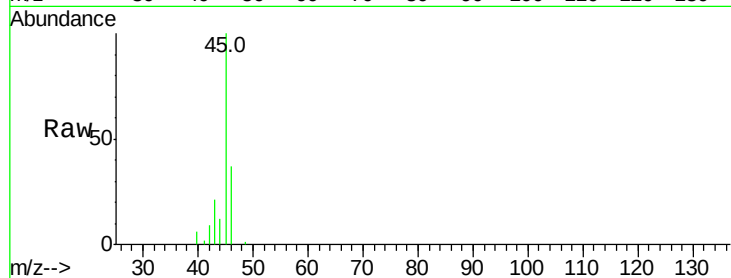
Tgt Ion:101 Resp: 2993
 Ion Ratio Lower Upper
 101 100
 151 0.0 63.4 95.0#





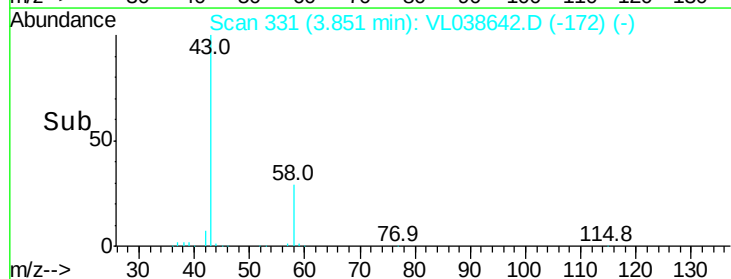
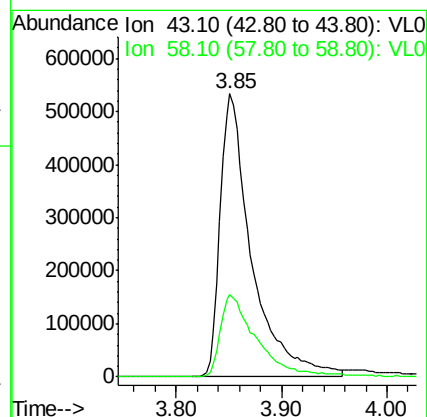
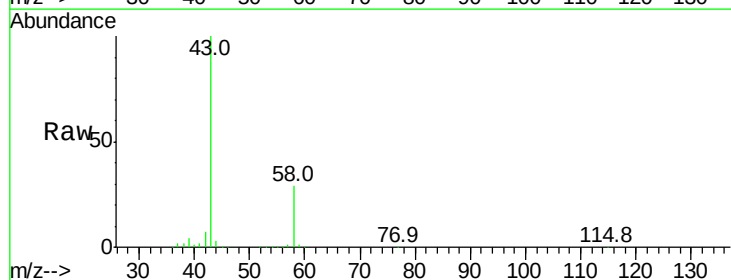
#13
Ethanol
Concen: 15.51 ppbv
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 18 Mar 2022 1:44

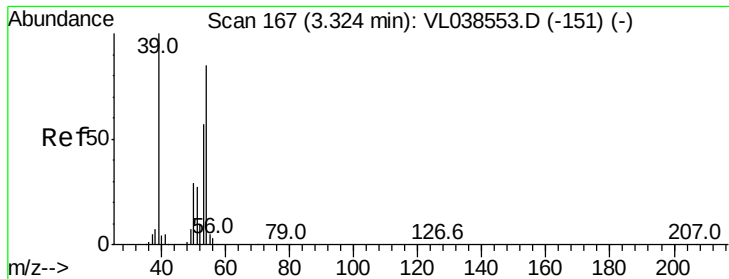
Tgt Ion: 45 Resp: 92368
Ion Ratio Lower Upper
45 100
46 44.9 16.8 67.0



#15
Acetone
Concen: 18.78 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.01 min
Lab File: VL038642.D
Acq: 18 Mar 2022 1:44

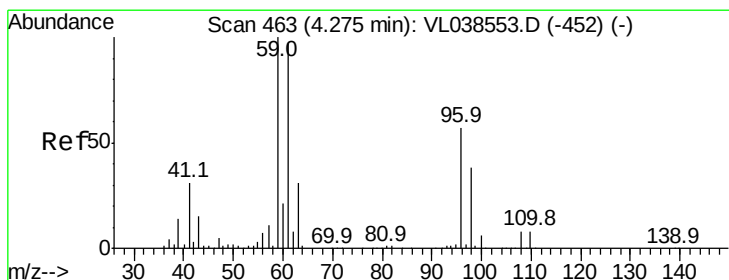
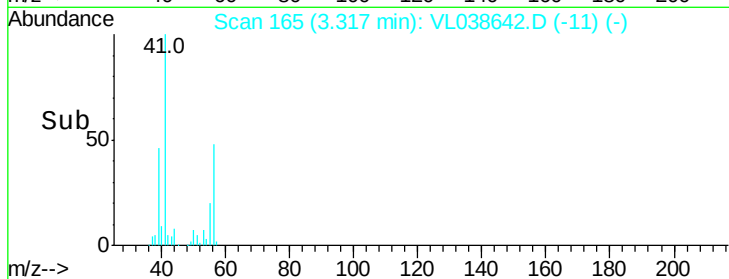
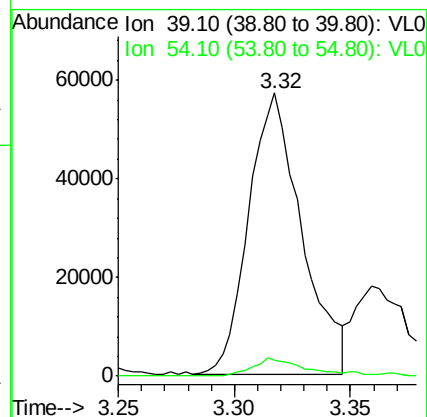
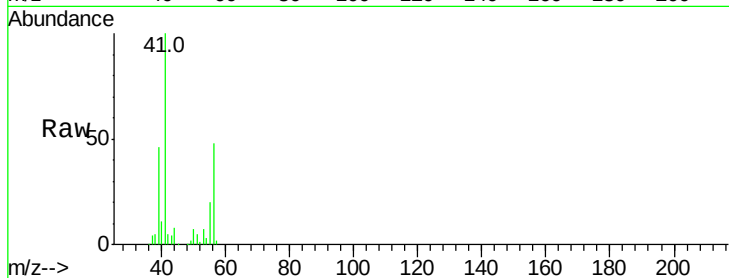
Tgt Ion: 43 Resp: 1103895
Ion Ratio Lower Upper
43 100
58 34.9 22.7 34.1#





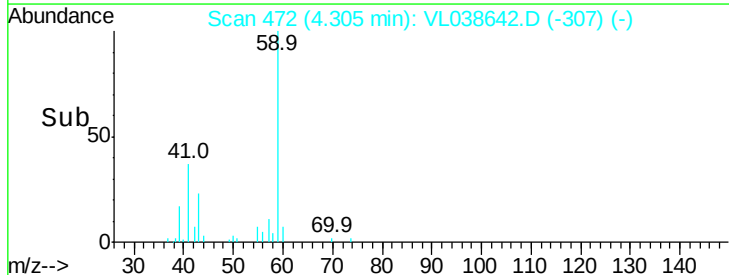
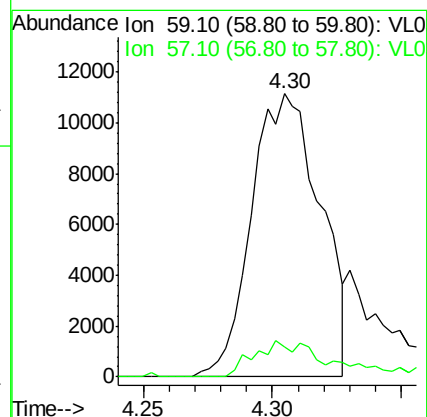
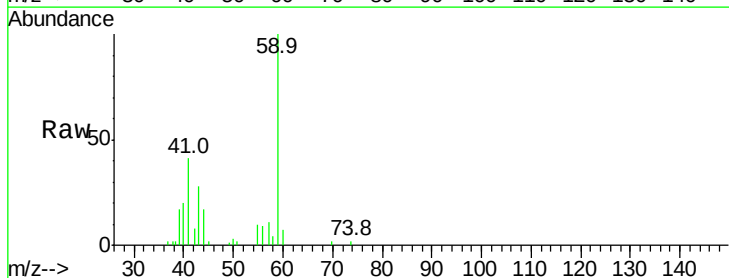
#16
 1,3-Butadiene
 Concen: 1.93 ppbv
 RT: 3.32
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 C0PA8DUP
 Acq: 18 Mar 2022 1:44

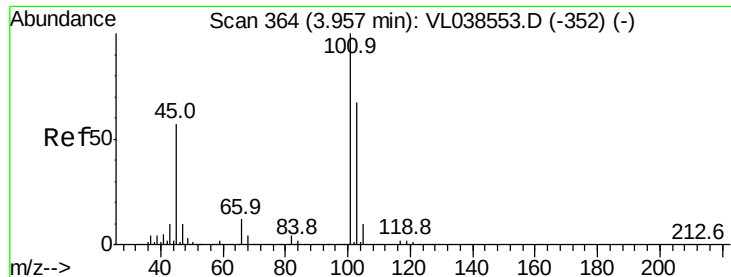
Tgt Ion: 39 Resp: 91037
 Ion Ratio Lower Upper
 39 100
 54 7.4 64.2 96.2#



#17
 tert-Butyl alcohol
 Concen: 0.32 ppbv
 RT: 4.30 min Scan# 472
 Delta R.T. 0.03 min
 Lab File: VL038642.D
 Acq: 18 Mar 2022 1:44

Tgt Ion: 59 Resp: 20665
 Ion Ratio Lower Upper
 59 100
 57 14.7 8.1 12.1#





#19

Isopropyl Alcohol

Concen: 0.96 ppbv

RT: 3.98 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

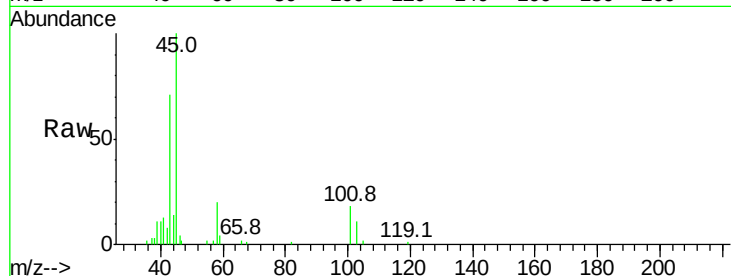
Acq: 18 Mar 2022 1:44

Tgt Ion: 45 Resp: 37675

Ion Ratio Lower Upper

45 100

58 0.0 2.2 3.2#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

20000

15000

10000

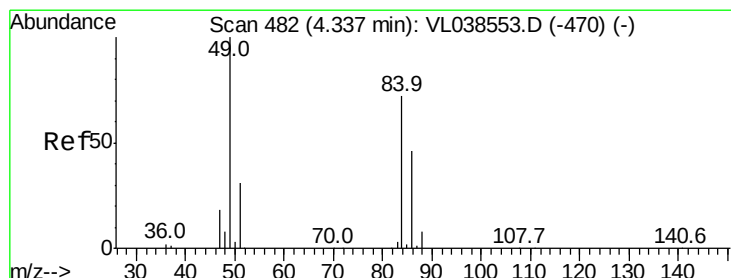
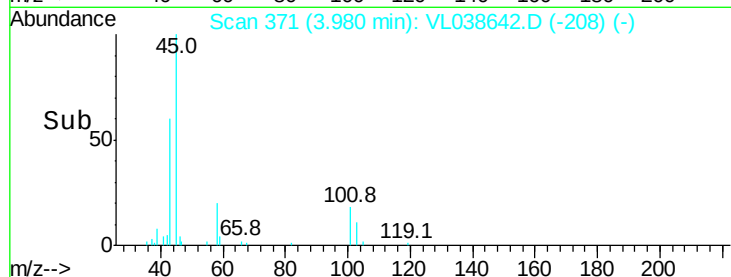
5000

0

3.95

4.00

Time-->



#20

Methylene Chloride

Concen: 0.23 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.02 min

Lab File: VL038642.D

Acq: 18 Mar 2022 1:44

Tgt Ion: 84 Resp: 8231

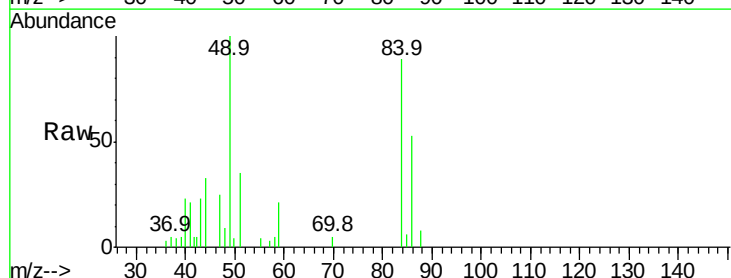
Ion Ratio Lower Upper

84 100

49 109.8 111.1 166.7#

51 34.9 34.0 51.0

86 59.4 50.9 76.3



Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

10000

8000

6000

4000

2000

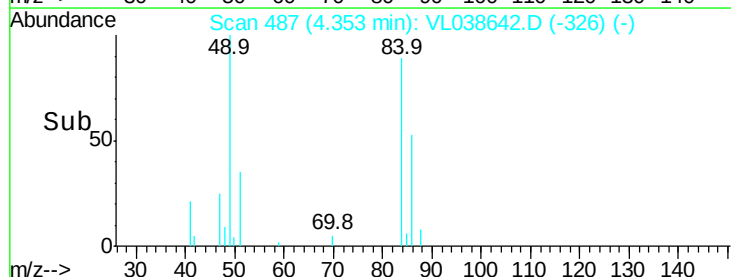
0

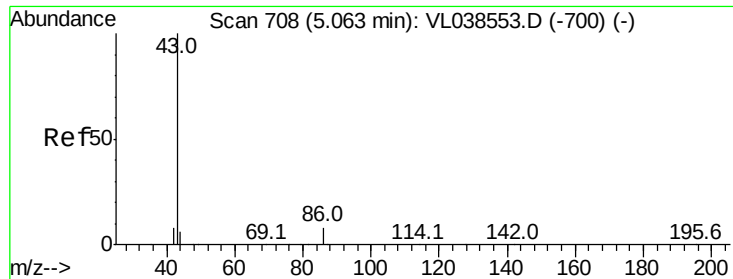
4.30

4.35

4.40

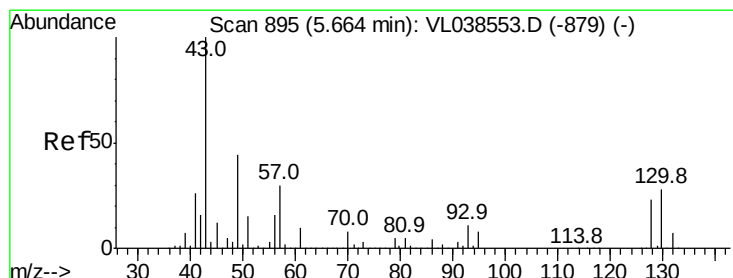
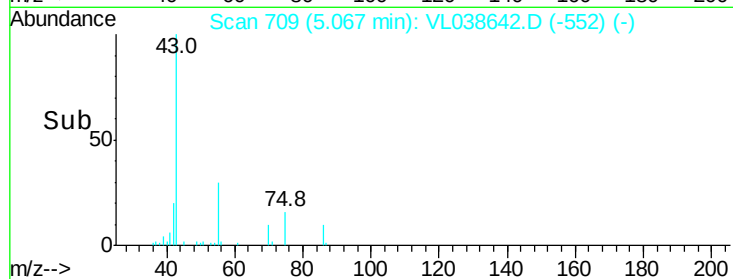
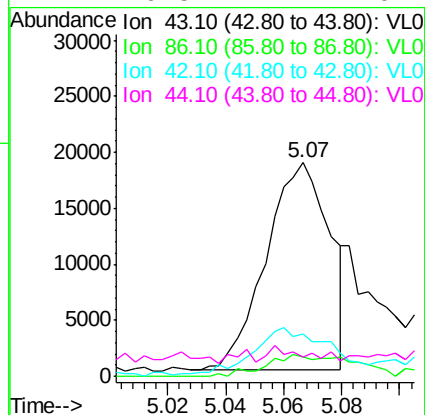
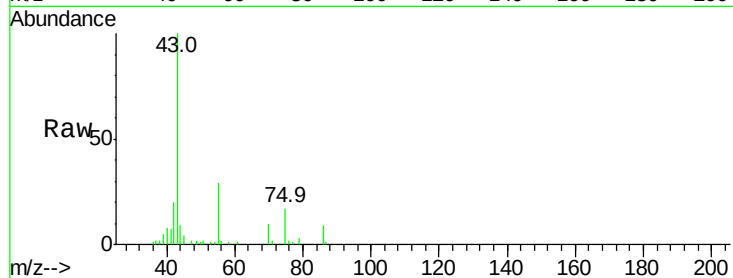
Time-->





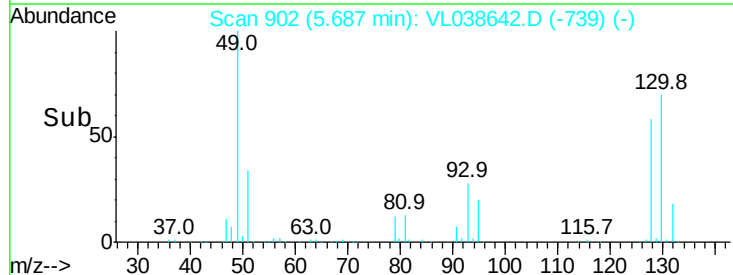
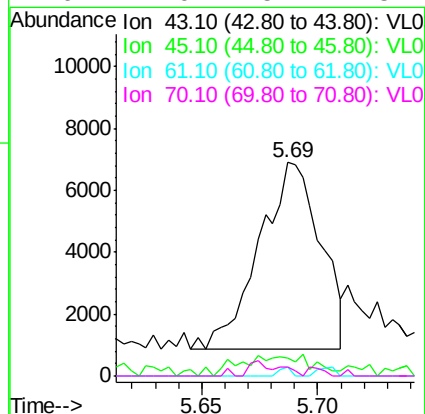
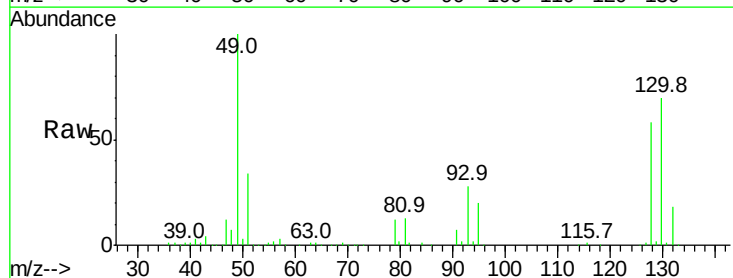
#23
 Vinyl Acetate
 Concen: 0.34 ppbv
 RT: 5.07
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 C0PA8DUP
 Acq: 18 Mar 2022 1:44

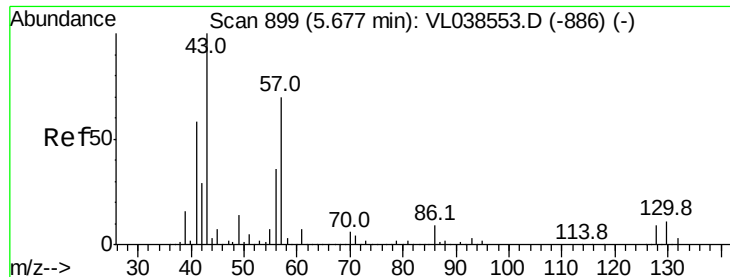
Tgt Ion:	43	Resp:	28369
Ion	Ratio	Lower	Upper
43	100		
86	10.8	5.6	8.4#
42	16.6	7.1	10.7#
44	0.5	4.1	6.1#



#25
 Ethyl Acetate
 Concen: 0.06 ppbv
 RT: 5.69 min Scan# 902
 Delta R.T. 0.02 min
 Lab File: VL038642.D
 Acq: 18 Mar 2022 1:44

Tgt Ion:	43	Resp:	11123
Ion	Ratio	Lower	Upper
43	100		
45	16.6	8.0	12.0#
61	0.8	8.2	12.4#
70	4.0	5.4	8.2#





#26

Hexane

Concen: 0.13 ppbv

RT: 5.69 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: COPA8DUP

Acq: 18 Mar 2022 1:44

Tgt Ion: 57 Resp: 11984

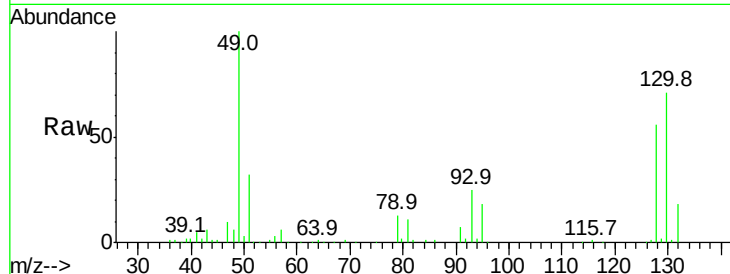
Ion Ratio Lower Upper

57 100

41 143.8 67.8 101.6#

43 0.0 173.6 260.4#

56 70.8 42.2 63.2#

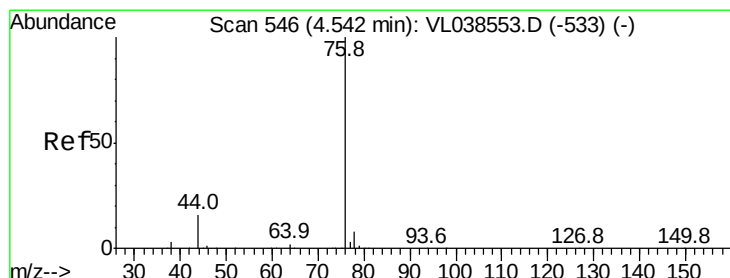
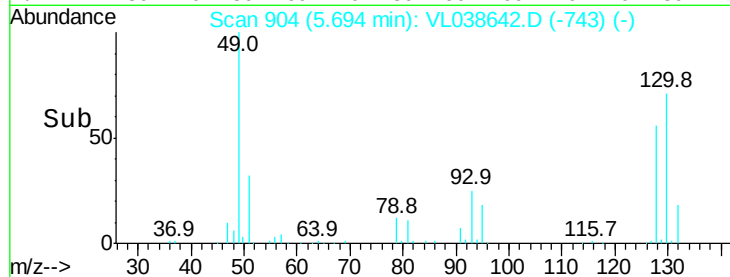
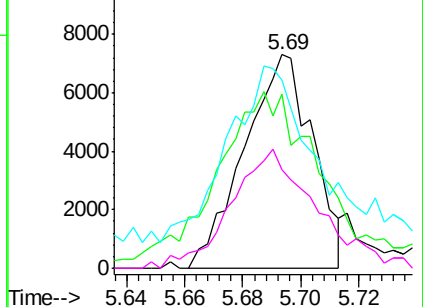


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#27

Carbon Disulfide

Concen: 0.10 ppbv

RT: 4.56 min Scan# 551

Delta R.T. 0.02 min

Lab File: VL038642.D

Acq: 18 Mar 2022 1:44

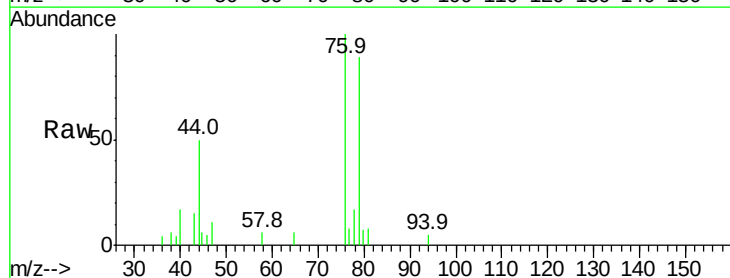
Tgt Ion: 76 Resp: 9042

Ion Ratio Lower Upper

76 100

44 36.4 12.9 19.3#

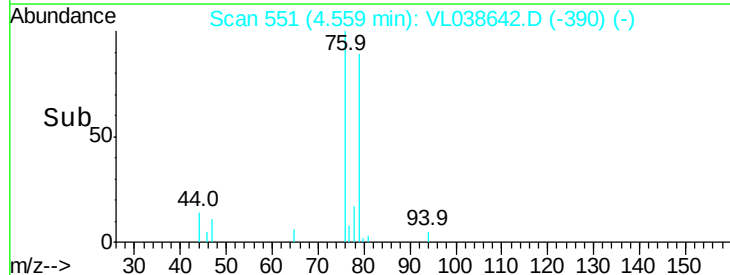
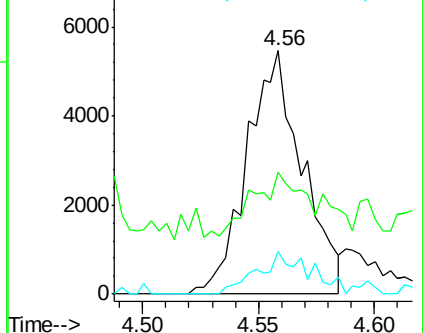
78 20.1 7.8 11.6#

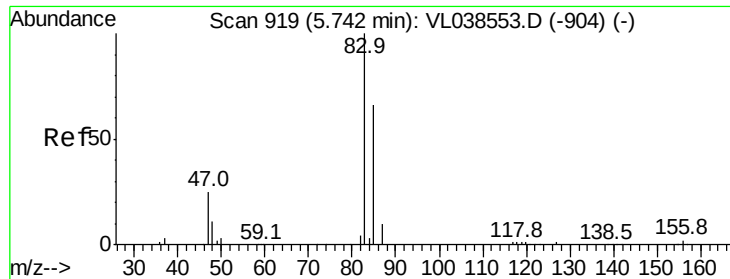


Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0





#29

Chloroform

Concen: 0.10 ppbv

RT: 5.76 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

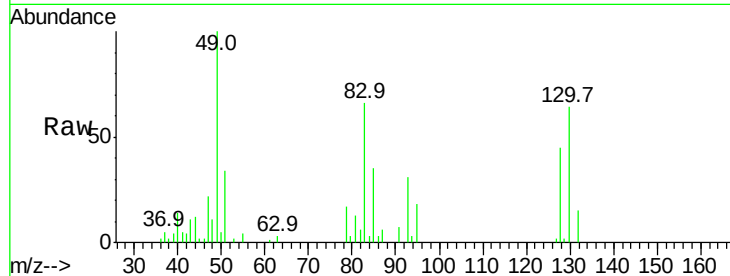
Acq: 18 Mar 2022 1:44

Tgt Ion: 83 Resp: 14068

Ion Ratio Lower Upper

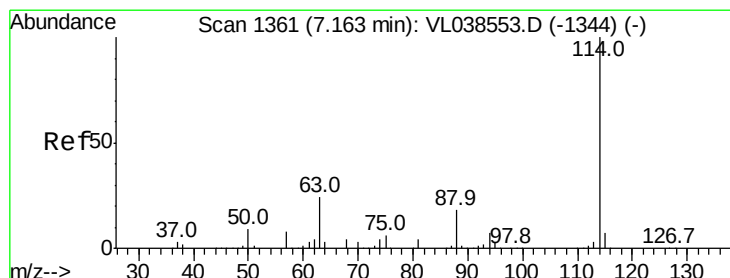
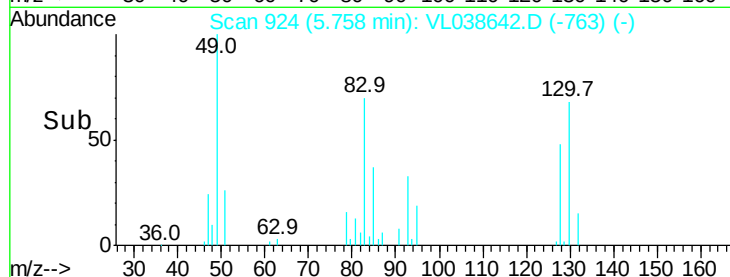
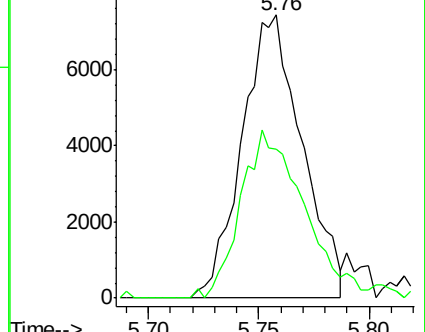
83 100

85 52.8 52.8 79.2



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. 0.01 min

Lab File: VL038642.D

Acq: 18 Mar 2022 1:44

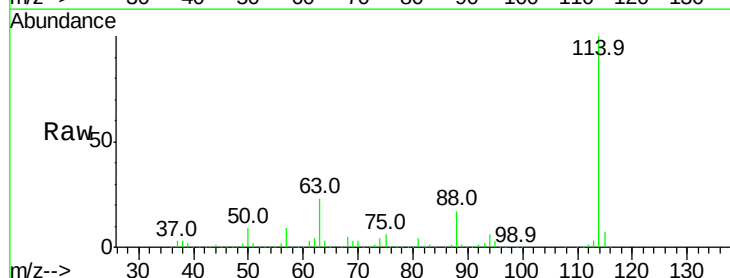
Tgt Ion: 114 Resp: 2143710

Ion Ratio Lower Upper

114 100

63 23.4 19.6 29.4

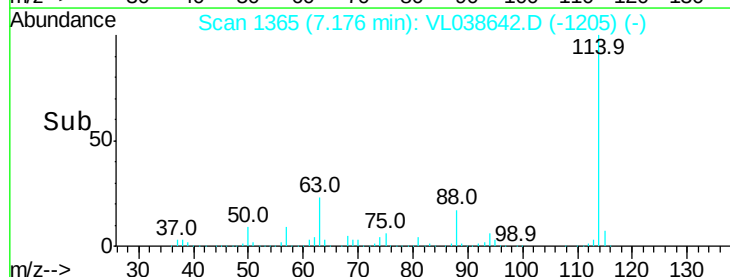
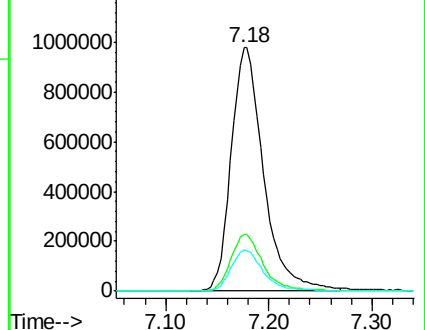
88 17.0 13.9 20.9

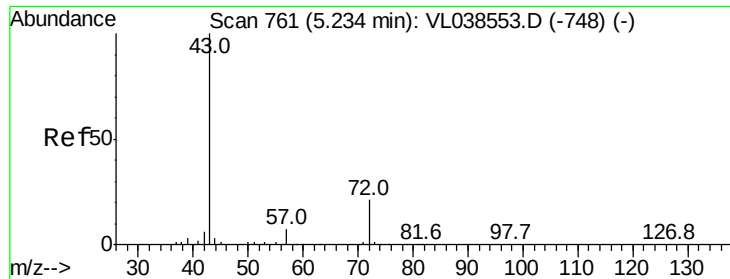


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

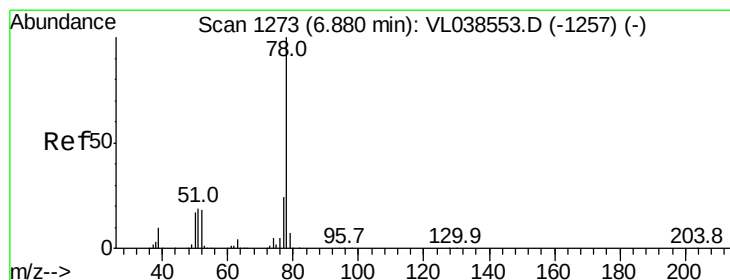
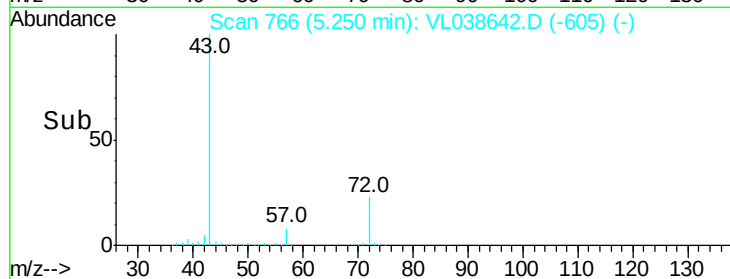
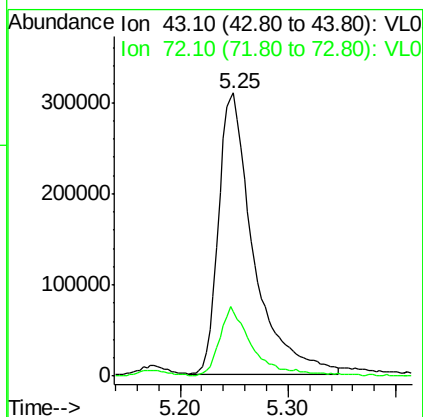
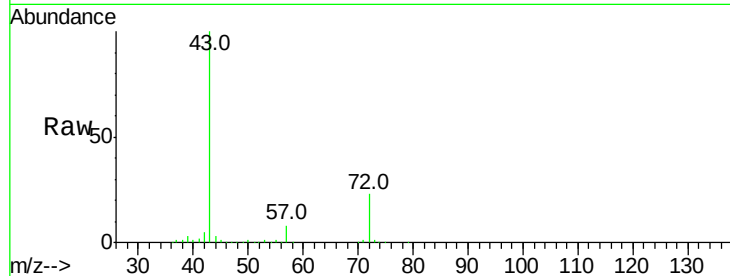
Ion 88.10 (87.80 to 88.80): VL0





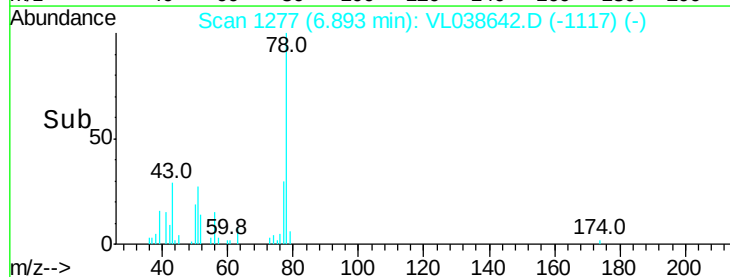
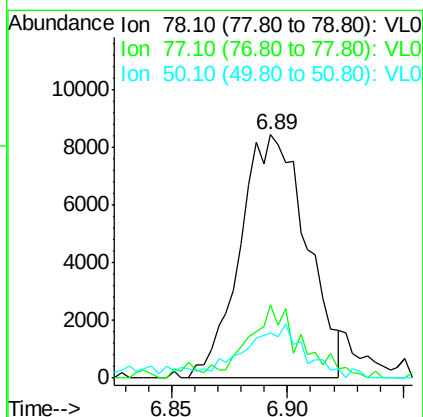
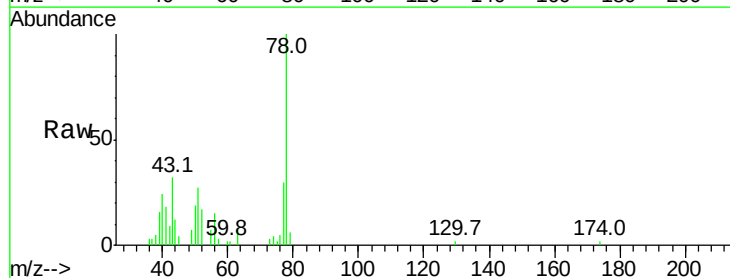
#34
 2-Butanone
 Concen: 12.46 ppbv
 RT: 5.25
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 C0PA8DUP
 Acq: 18 Mar 2022 1:44

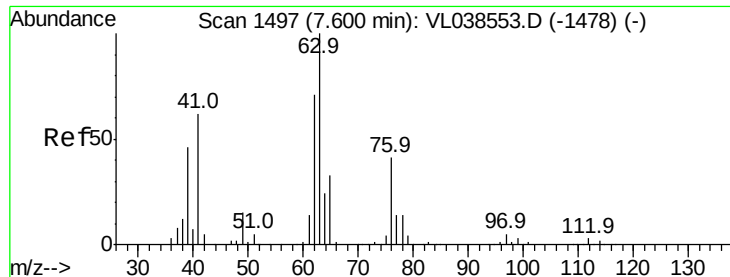
Tgt Ion: 43 Resp: 692390
 Ion Ratio Lower Upper
 43 100
 72 23.7 17.8 26.6



#36
 Benzene
 Concen: 0.09 ppbv
 RT: 6.89 min Scan# 1277
 Delta R.T. 0.01 min
 Lab File: VL038642.D
 Acq: 18 Mar 2022 1:44

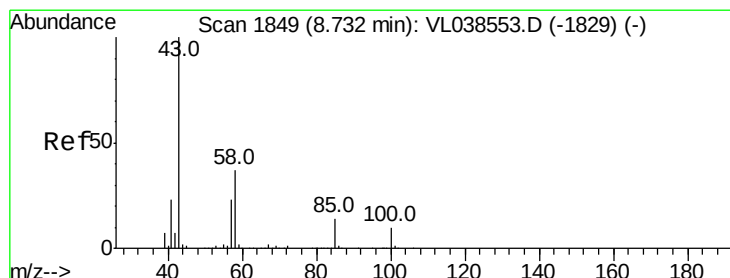
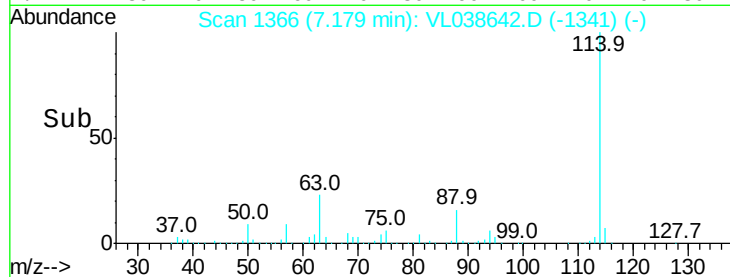
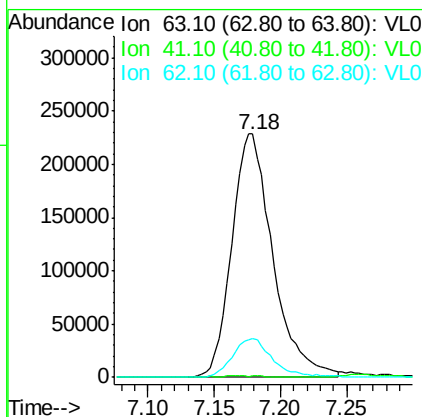
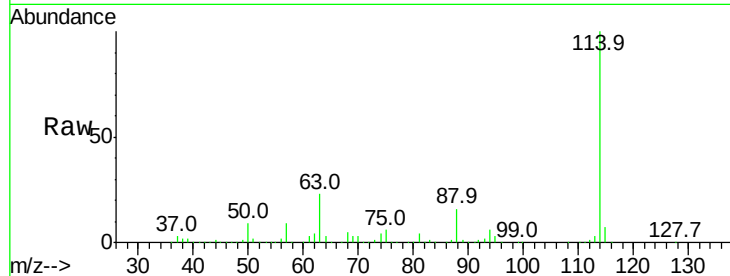
Tgt Ion: 78 Resp: 16831
 Ion Ratio Lower Upper
 78 100
 77 27.0 19.0 28.4
 50 15.2 13.9 20.9





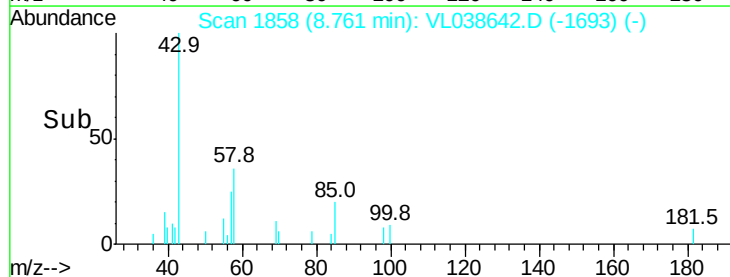
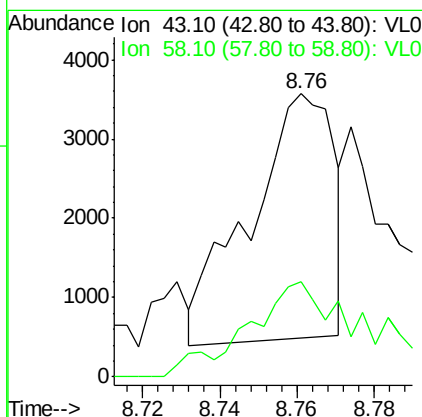
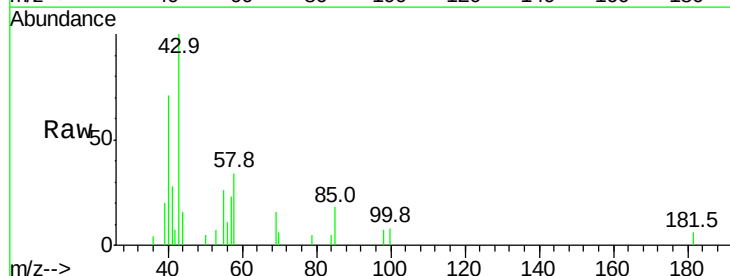
#39
 1,2-Dichloropropane
 Concen: 6.60 ppbv
 RT: 7.18
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 C0PA8DUP
 Acq: 18 Mar 2022 1:44

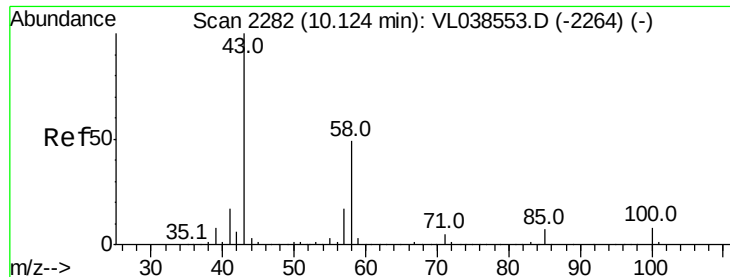
Tgt Ion: 63 Resp: 490889
 Ion Ratio Lower Upper
 63 100
 41 0.4 49.8 74.6#
 62 15.8 56.7 85.1#



#50
 4-Methyl-2-Pentanone
 Concen: 0.04 ppbv
 RT: 8.76 min Scan# 1858
 Delta R.T. 0.03 min
 Lab File: VL038642.D
 Acq: 18 Mar 2022 1:44

Tgt Ion: 43 Resp: 4668
 Ion Ratio Lower Upper
 43 100
 58 53.7 29.2 43.8#





#51

2-Hexanone

Concen: 0.46 ppbv

RT: 10.14

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Mar 2022 1:44

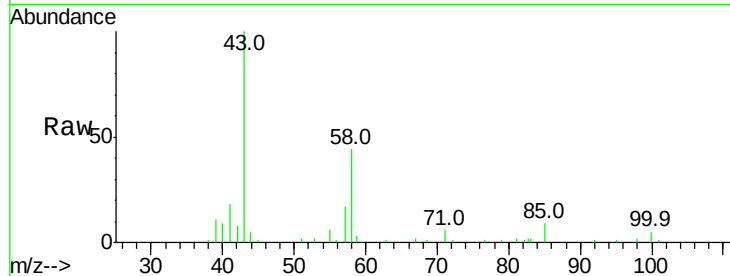
Tgt Ion: 43 Resp: 22313

Ion Ratio Lower Upper

43 100

58 0.0 40.1 60.1#

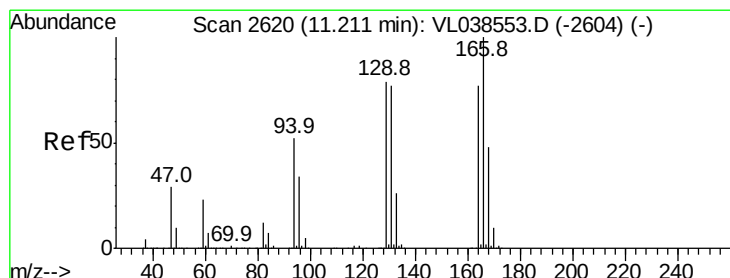
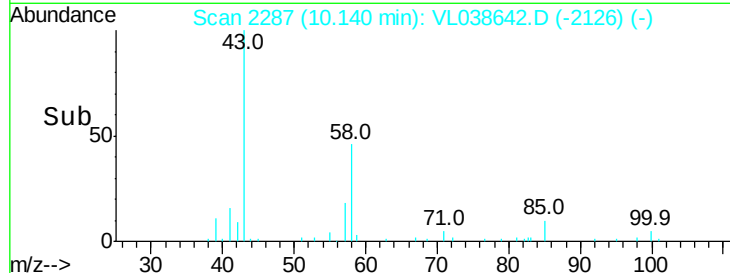
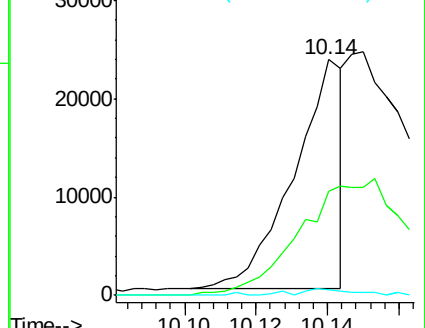
98 3.9 0.4 0.6#



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



#52

Tetrachloroethene

Concen: 1.53 ppbv

RT: 11.22 min Scan# 2624

Delta R.T. 0.01 min

Lab File: VL038642.D

Acq: 18 Mar 2022 1:44

Tgt Ion: 164 Resp: 108404

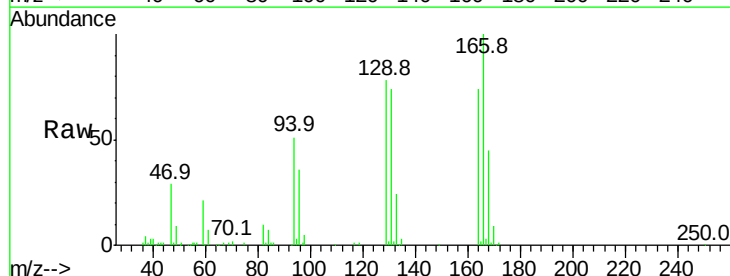
Ion Ratio Lower Upper

164 100

166 135.1 103.4 155.2

129 105.4 81.3 121.9

131 100.3 79.8 119.8

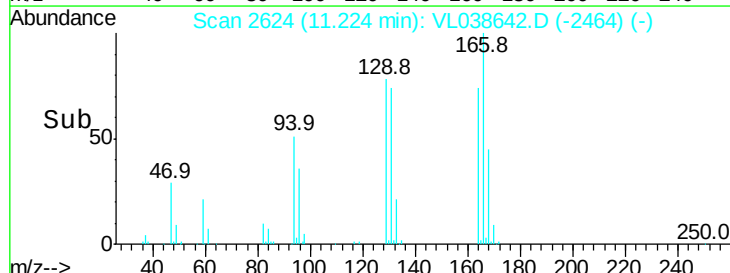
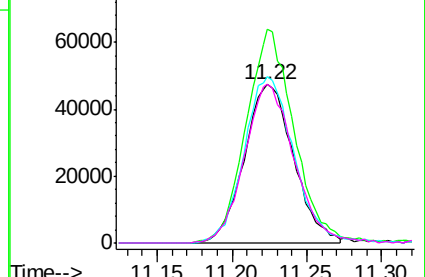


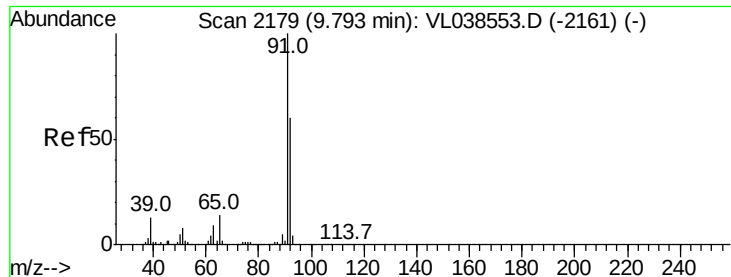
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 0.14 ppbv

RT: 9.81 Instrument: MSVOA_L

Delta R.T.

Lab File: ClientSampleId:

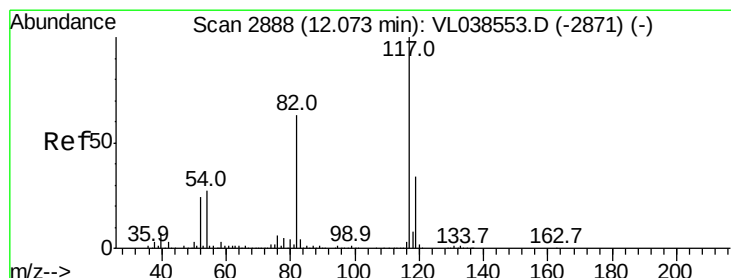
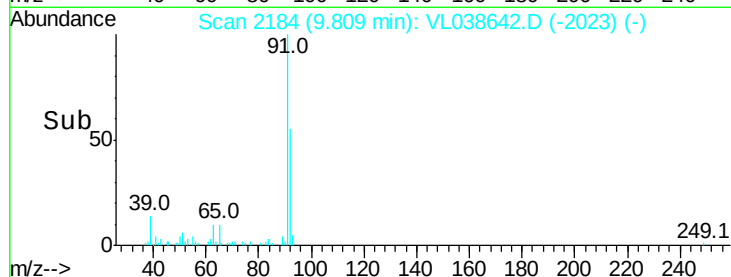
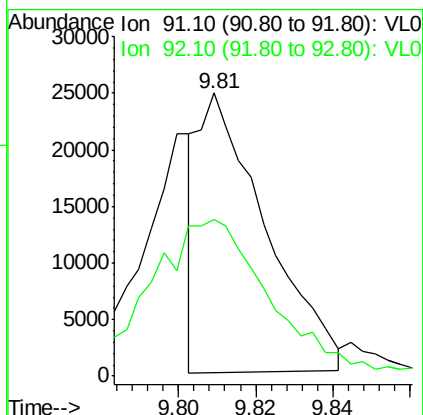
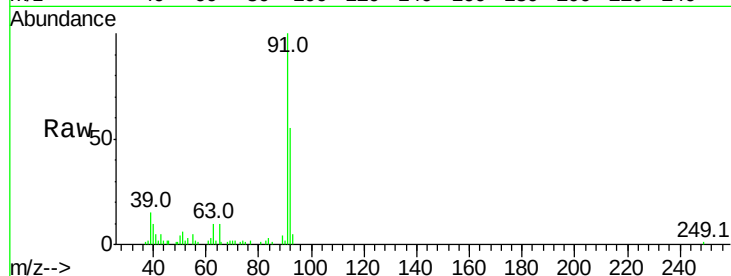
Acq: 18 Mar 2022 1:44

Tgt Ion: 91 Resp: 29695

Ion Ratio Lower Upper

91 100

92 105.6 48.1 72.1#



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.09 min Scan# 2893

Delta R.T. 0.02 min

Lab File: VL038642.D

Acq: 18 Mar 2022 1:44

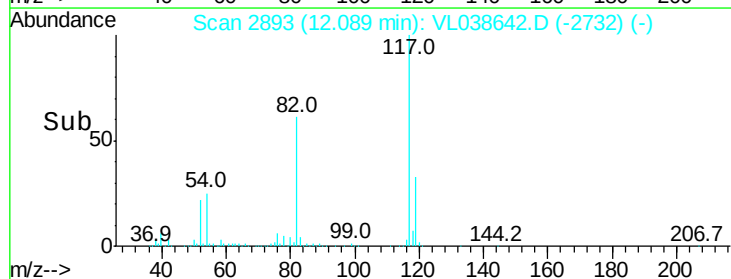
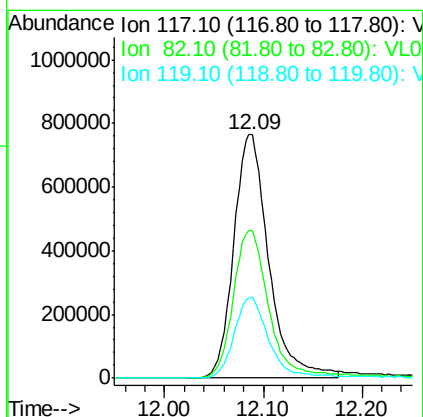
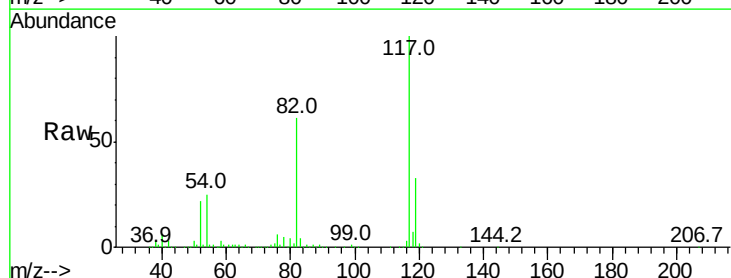
Tgt Ion: 117 Resp: 1889174

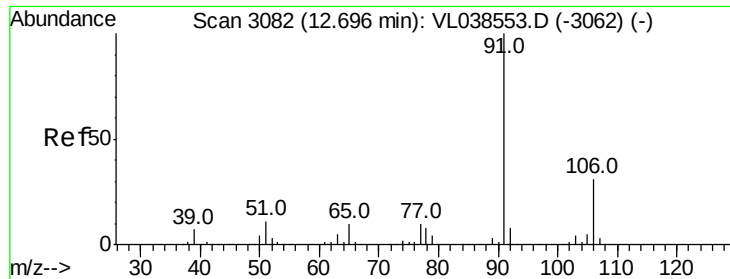
Ion Ratio Lower Upper

117 100

82 64.0 52.5 78.7

119 33.6 46.4 69.6#





#58

Ethyl Benzene

Concen: 0.03 ppbv

RT: 12.71

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

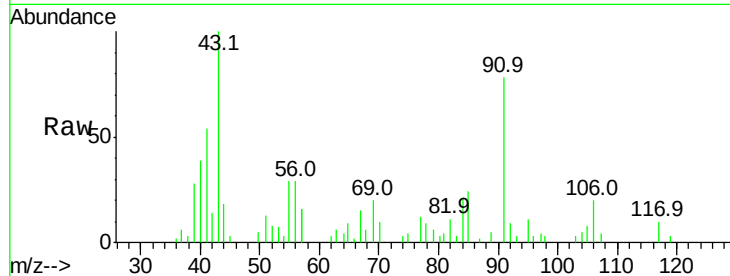
Acq: 18 Mar 2022 1:44

Tgt Ion: 91 Resp: 7104

Ion Ratio Lower Upper

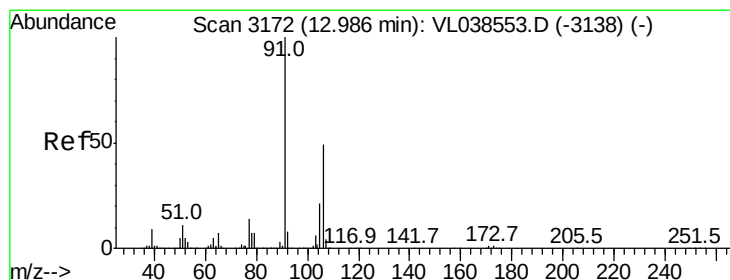
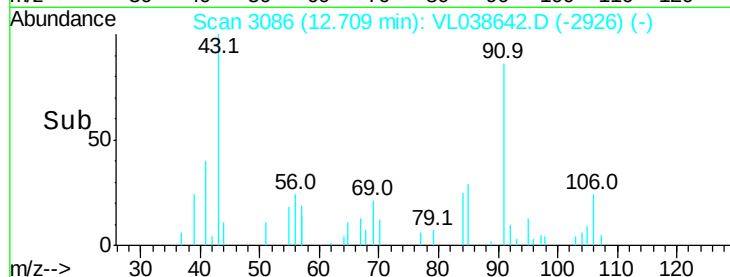
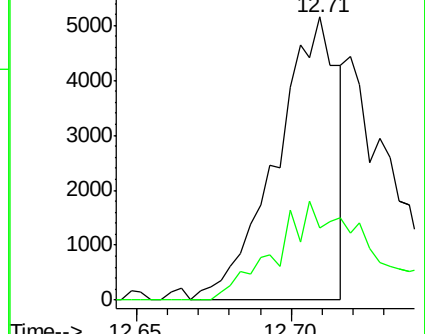
91 100

106 25.7 24.6 37.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 0.02 ppbv

RT: 13.00 min Scan# 3175

Delta R.T. 0.01 min

Lab File: VL038642.D

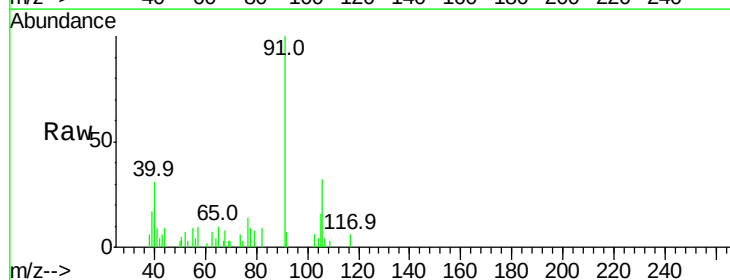
Acq: 18 Mar 2022 1:44

Tgt Ion: 91 Resp: 5225

Ion Ratio Lower Upper

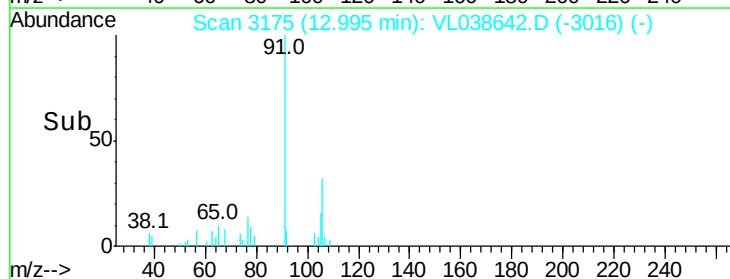
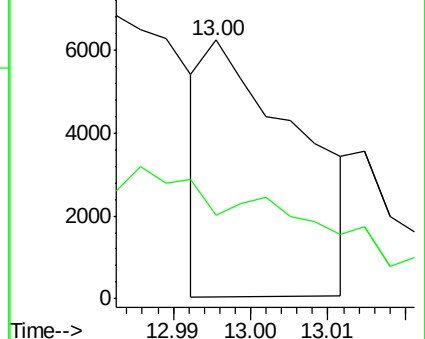
91 100

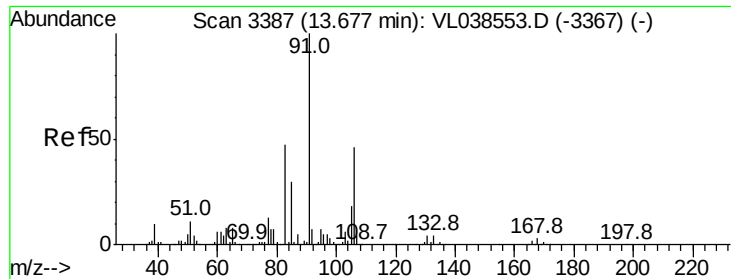
106 0.0 37.1 55.7#



Abundance Ion 91.10 (90.80 to 91.80): VL0

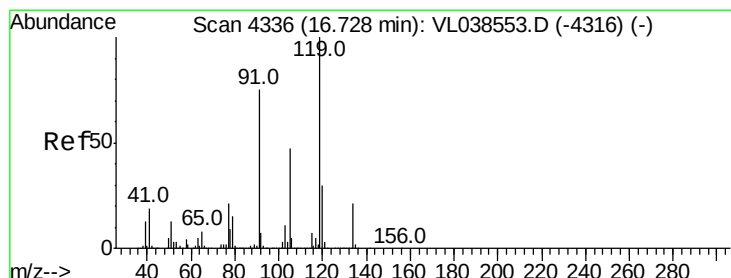
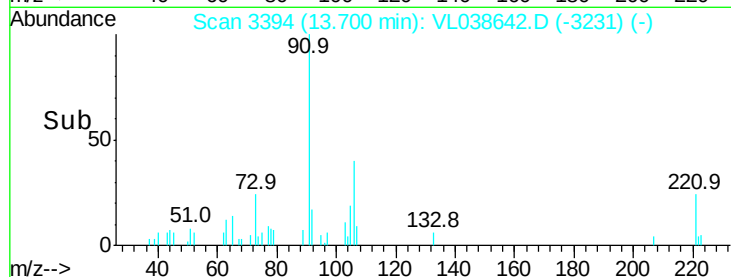
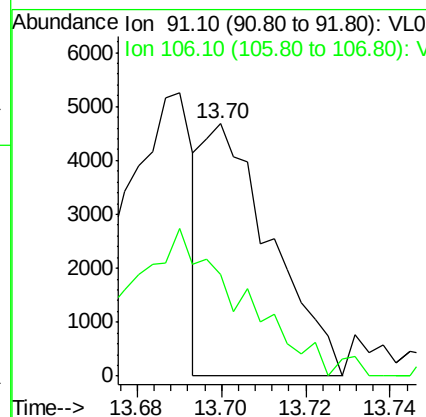
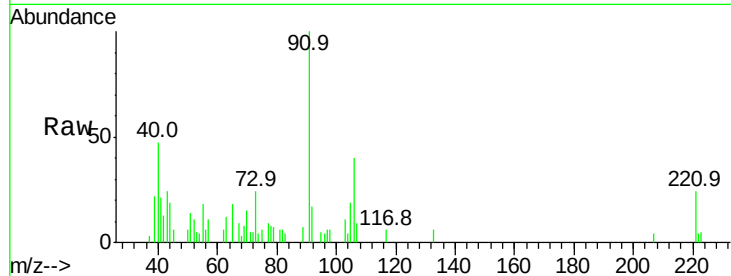
Ion 106.10 (105.80 to 106.80): V





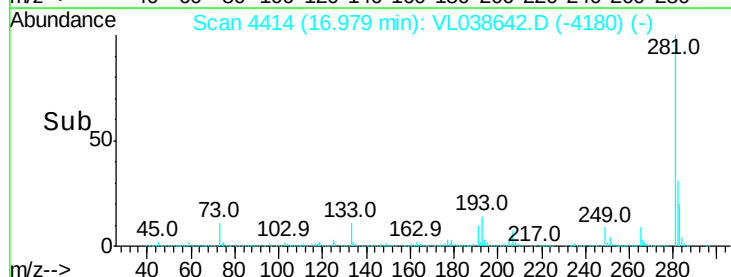
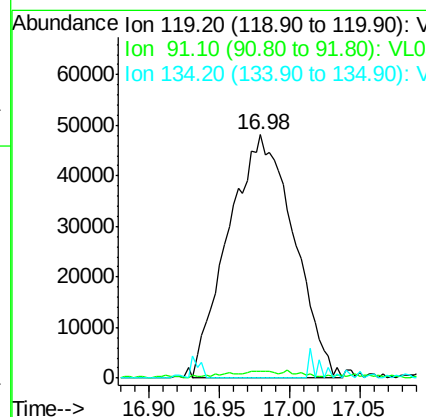
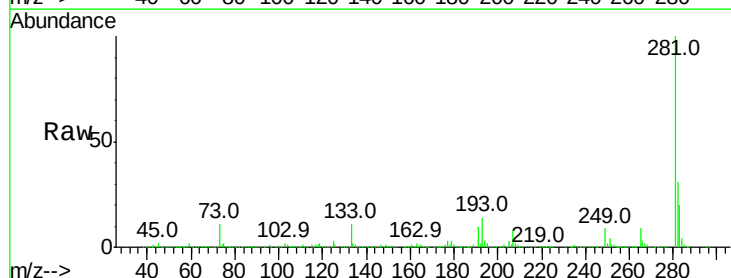
#60
o-Xylene
Concen: 0.03 ppbv
RT: 13.70 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 18 Mar 2022 1:44

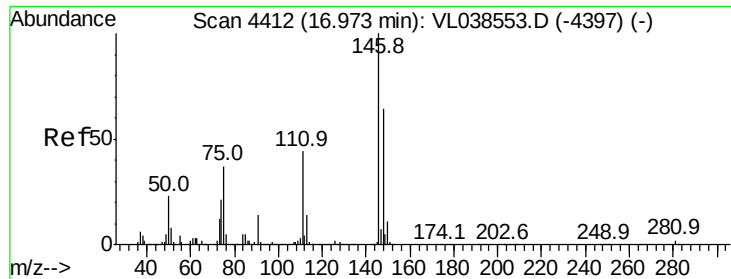
Tgt Ion: 91 Resp: 5258
Ion Ratio Lower Upper
91 100
106 0.0 23.5 70.6#



#65
tert-Butylbenzene
Concen: 0.64 ppbv
RT: 16.98 min Scan# 4414
Delta R.T. 0.25 min
Lab File: VL038642.D
Acq: 18 Mar 2022 1:44

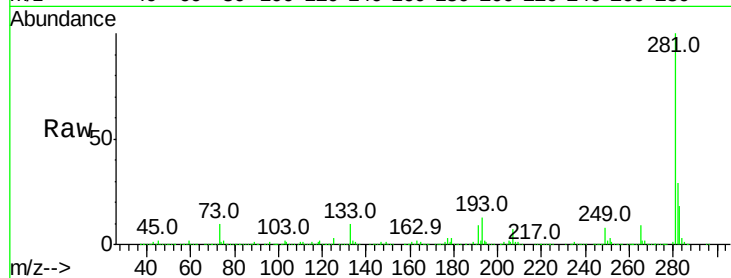
Tgt Ion: 119 Resp: 155625
Ion Ratio Lower Upper
119 100
91 3.3 61.2 91.8#
134 2.0 16.2 24.2#



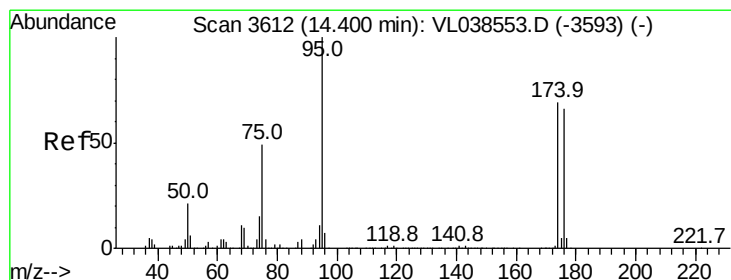
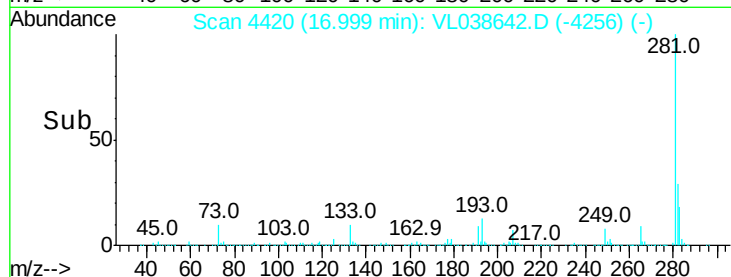
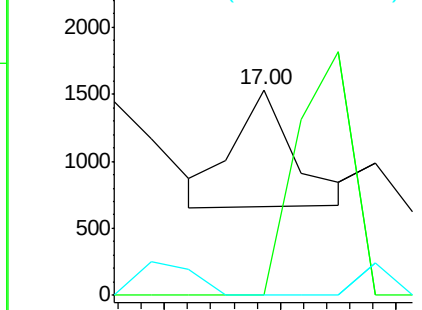


#66
Benzyl Chloride
Concen: 0.02 ppbv
RT: 17.00
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 18 Mar 2022 1:44

Tgt Ion: 91 Resp: 316
Ion Ratio Lower Upper
91 100
126 0.0 14.1 21.1#
128 0.0 5.1 7.7#

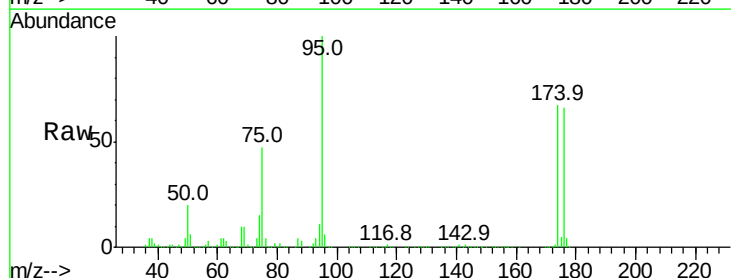


Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 126.10 (125.80 to 126.80): V
Ion 128.10 (127.80 to 128.80): V

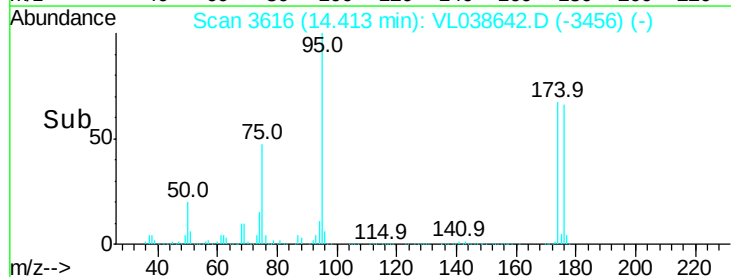
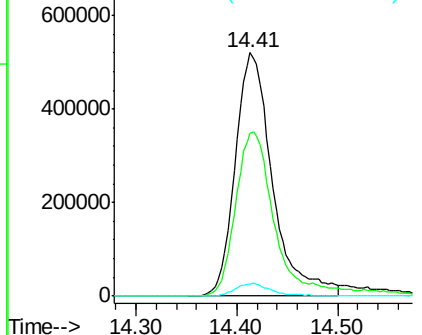


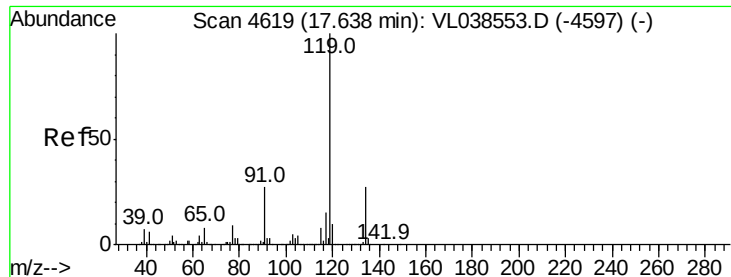
#68
1-Bromo-4-Fluorobenzene
Concen: 9.30 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. 0.01 min
Lab File: VL038642.D
Acq: 18 Mar 2022 1:44

Tgt Ion: 95 Resp: 1335183
Ion Ratio Lower Upper
95 100
174 73.6 56.2 84.4
175 5.4 4.2 6.2



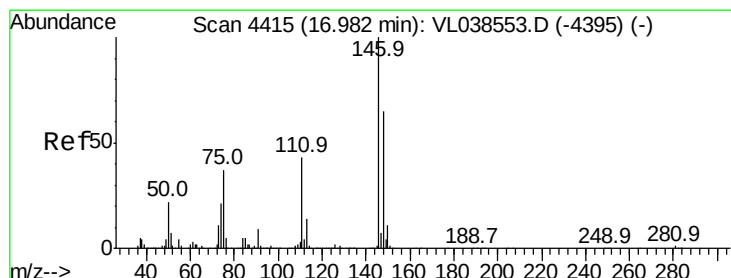
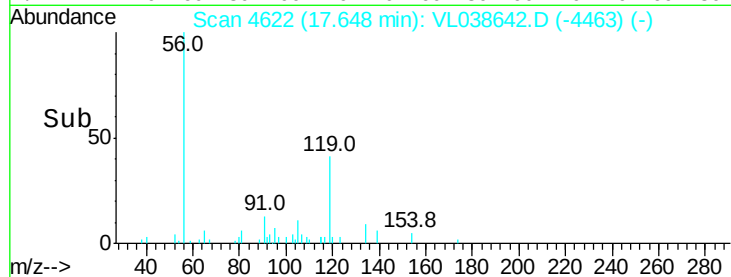
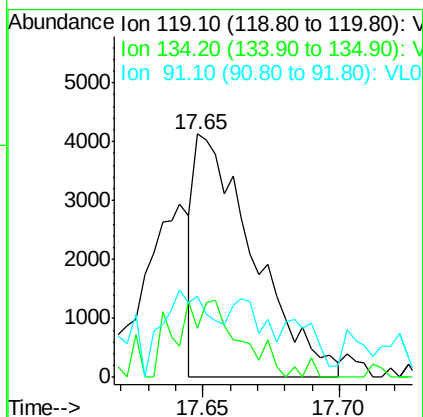
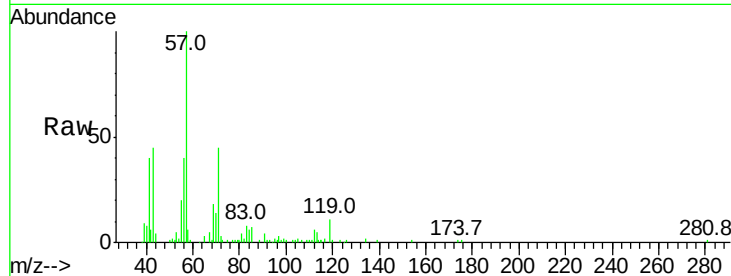
Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V





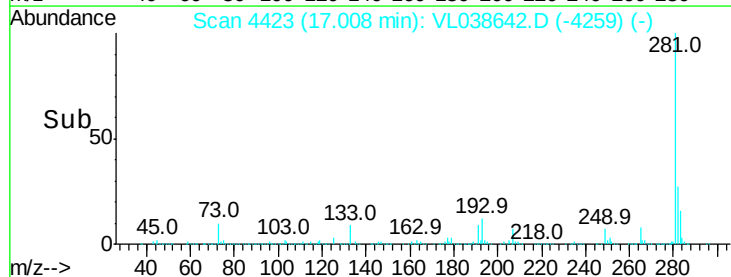
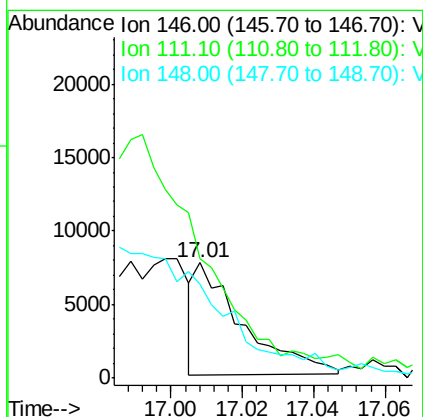
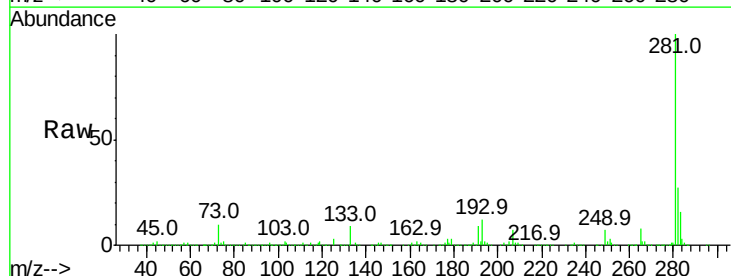
#69
 p-Isopropyltoluene
 Concen: 0.02 ppbv
 RT: 17.65
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 C0PA8DUP
 Acq: 18 Mar 2022 1:44

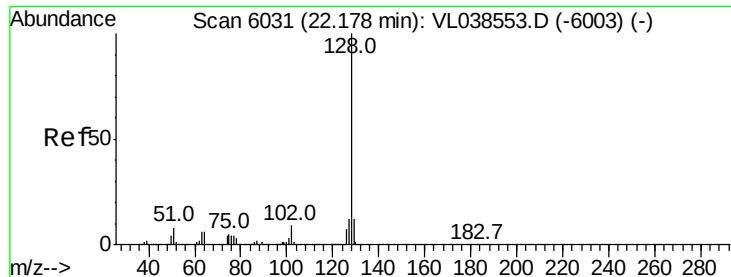
Tgt Ion:119 Resp: 6218
 Ion Ratio Lower Upper
 119 100
 134 37.9 20.9 31.3#
 91 42.1 21.1 31.7#



#75
 1,3-Dichlorobenzene
 Concen: 0.05 ppbv
 RT: 17.01 min Scan# 4423
 Delta R.T. 0.03 min
 Lab File: VL038642.D
 Acq: 18 Mar 2022 1:44

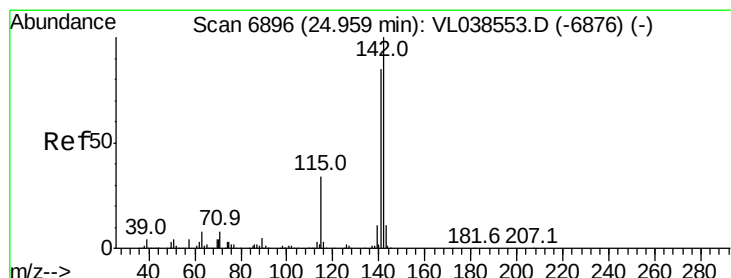
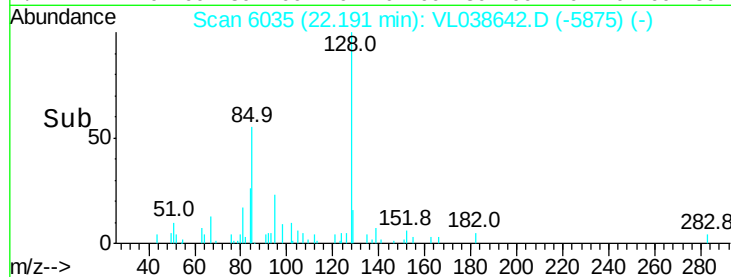
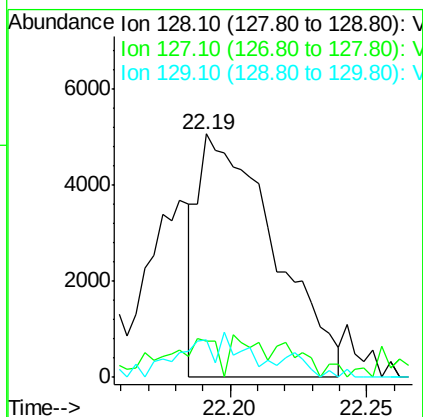
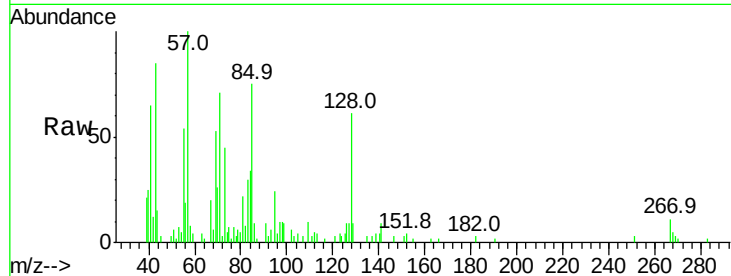
Tgt Ion:146 Resp: 7060
 Ion Ratio Lower Upper
 146 100
 111 0.0 21.9 65.8#
 148 0.0 32.2 96.6#





#79
Naphthalene
Concen: 0.05 ppbv
RT: 22.19 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
COPA8DUP
Acq: 18 Mar 2022 1:44

Tgt Ion:	128	Resp:	9771
Ion	Ratio	Lower	Upper
128	100		
127	6.9	9.9	14.9#
129	17.7	9.3	13.9#



#80
Naphthalene, 2-methyl-
Concen: 0.03 ppbv
RT: 24.98 min Scan# 6903
Delta R.T. 0.02 min
Lab File: VL038642.D
Acq: 18 Mar 2022 1:44

Tgt Ion:	142	Resp:	1074
Ion	Ratio	Lower	Upper
142	100		
141	121.2	68.4	102.6#
115	115.6	27.9	41.9#

