

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032322\
 Data File : VL038736.D
 Acq On : 24 Mar 2022 4:28
 Operator : SY/AP
 Sample : N2051-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 24 07:52:07 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 21 17:09:26 2022
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	719184	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	1923050	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	1789507	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1259062	9.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.80%

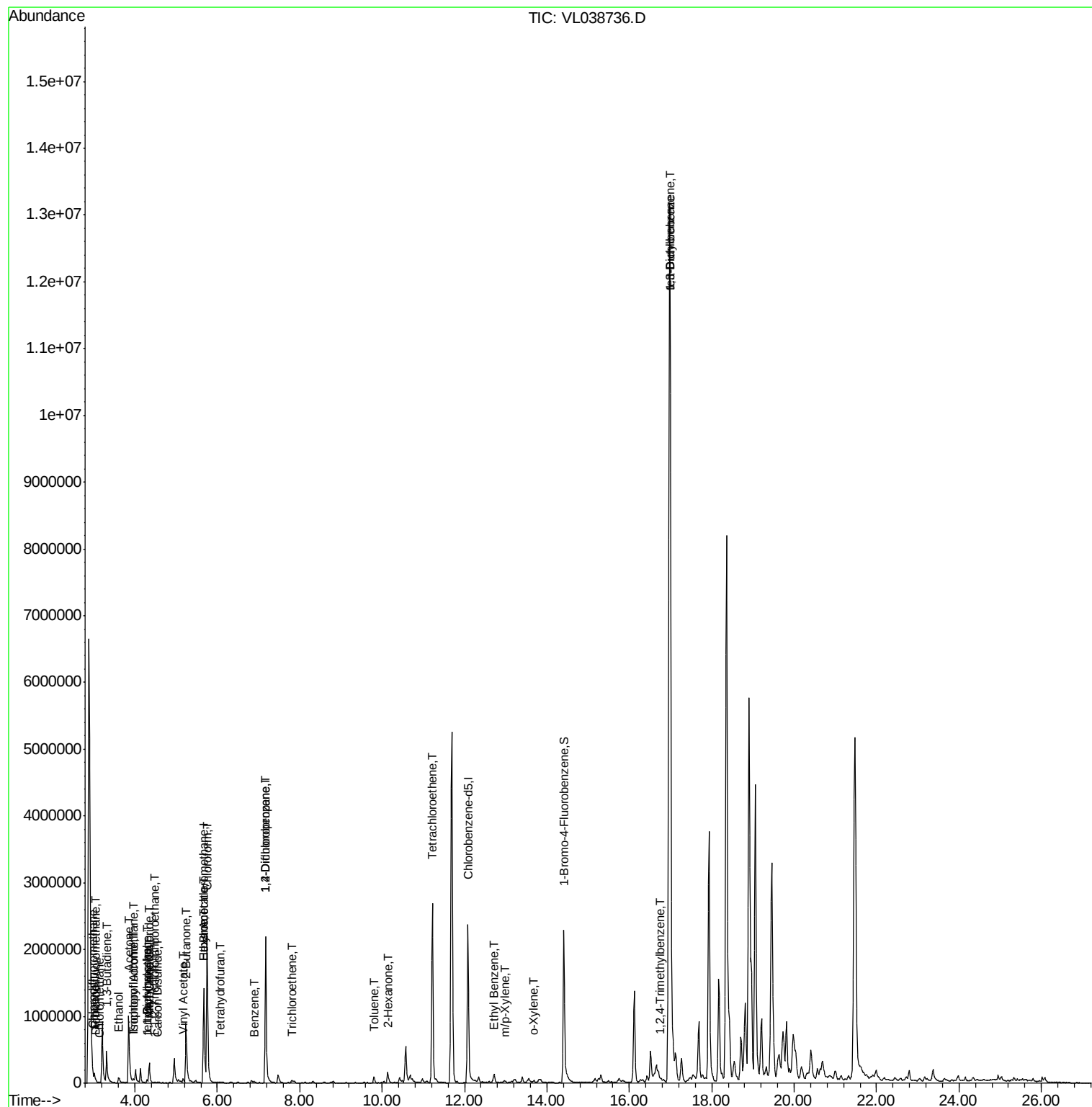
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	24107	0.249	ppbv	97
3) Chlorodifluoromethane	2.99	51	23209	0.306	ppbv	96
4) Chloromethane	3.14	50	2098	0.050	ppbv #	43
9) Propene	3.02	41	52363	1.428	ppbv	97
11) Trichlorofluoromethane	3.96	101	24047	0.282	ppbv	91
12) 1,1,2-Trichlorotrifluoroet	4.48	101	3704	0.056	ppbv #	10
13) Ethanol	3.60	45	115814	28.630	ppbv	93
15) Acetone	3.85	43	1275941	20.561	ppbv #	88
16) 1,3-Butadiene	3.31	39	125957	3.577	ppbv #	14
17) tert-Butyl alcohol	4.30	59	35845	0.661	ppbv #	91
18) 1,1-Dichloroethene	4.29	96	2180	0.074	ppbv #	37
19) Isopropyl Alcohol	3.97	45	32105	0.933	ppbv #	91
20) Methylene Chloride	4.35	84	123958	4.742	ppbv	94
21) Allyl Chloride	4.35	41	1870	0.042	ppbv #	28
23) Vinyl Acetate	5.17	43	20162	0.336	ppbv #	4
25) Ethyl Acetate	5.69	43	64522	0.413	ppbv #	81
26) Hexane	5.69	57	89834	1.285	ppbv #	42
27) Carbon Disulfide	4.55	76	14550	0.212	ppbv #	93
29) Chloroform	5.75	83	1877789	16.769	ppbv	99
34) 2-Butanone	5.24	43	1345491	17.677	ppbv	100
36) Benzene	6.89	78	21603	0.146	ppbv	98
38) Trichloroethene	7.83	130	1926	0.031	ppbv #	46
39) 1,2-Dichloropropane	7.18	63	441240	7.605	ppbv #	29
41) Tetrahydrofuran	6.05	42	1817	0.032	ppbv #	53
51) 2-Hexanone	10.13	43	147442	1.451	ppbv #	97
52) Tetrachloroethene	11.22	164	745497	13.726	ppbv	97
53) Toluene	9.81	91	74130	0.465	ppbv	99
58) Ethyl Benzene	12.71	91	13185	0.063	ppbv	90
59) m/p-Xylene	13.00	91	6223	0.034	ppbv #	30
60) o-Xylene	13.68	91	14383	0.083	ppbv	100
65) tert-Butylbenzene	16.98	119	256294	1.092	ppbv #	25
74) 1,2,4-Trimethylbenzene	16.76	105	12556	0.062	ppbv #	74
75) 1,3-Dichlorobenzene	16.99	146	20627	0.159	ppbv #	1

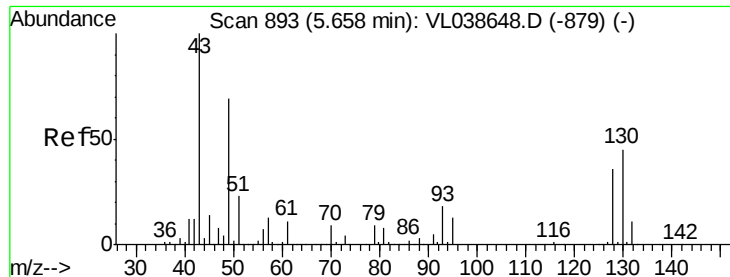
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 4:28

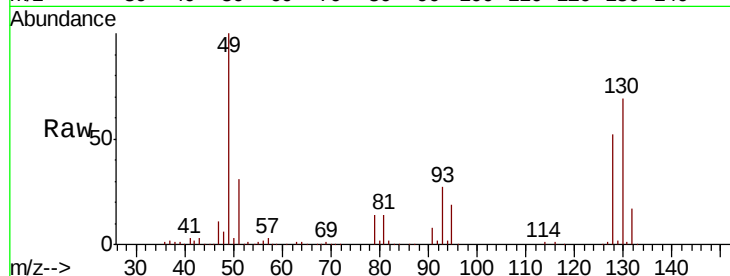
Tot Ion: 49 Resp: 719184

Ion Ratio Lower Upper

49 100

128 56.4 26.2 78.6

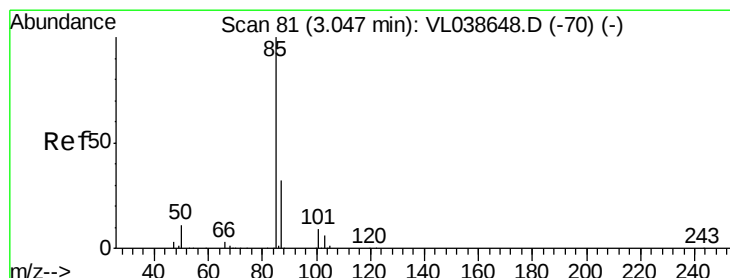
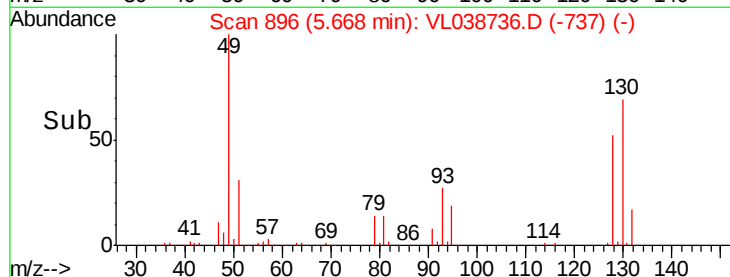
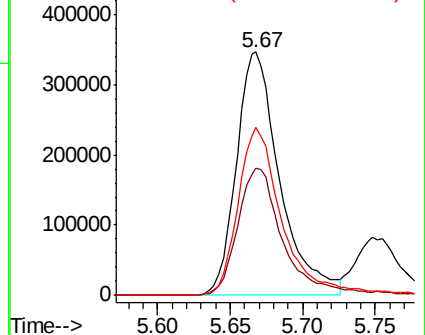
130 72.4 33.7 101.1



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.249 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.01 min

Lab File: VL038736.D

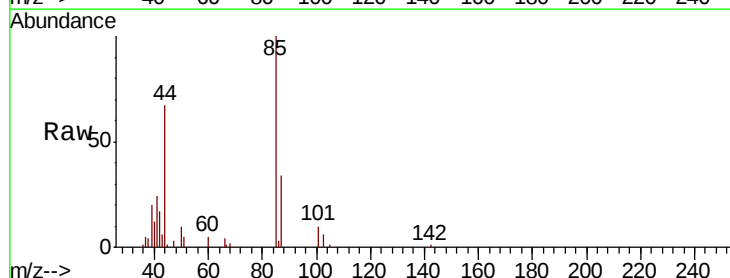
Acq: 24 Mar 2022 4:28

Tgt Ion: 85 Resp: 24107

Ion Ratio Lower Upper

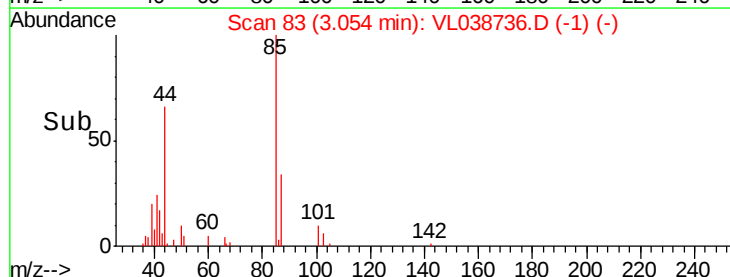
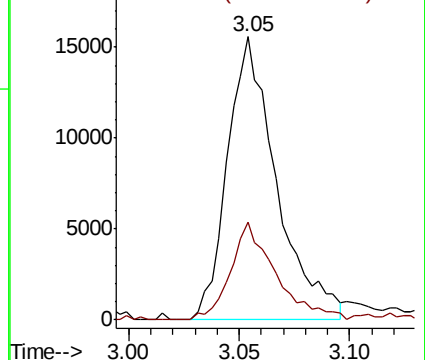
85 100

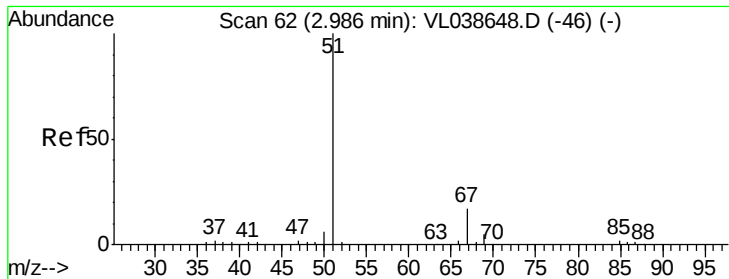
87 34.3 26.0 39.0



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.306 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

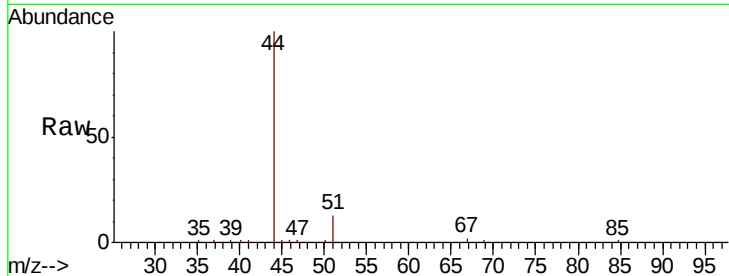
Acq: 24 Mar 2022 4:28

Tot Ion: 51 Resp: 23209

Ion Ratio Lower Upper

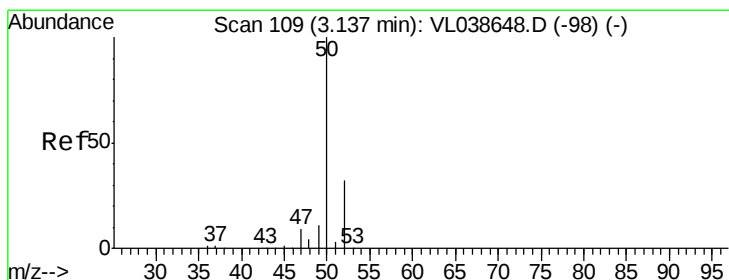
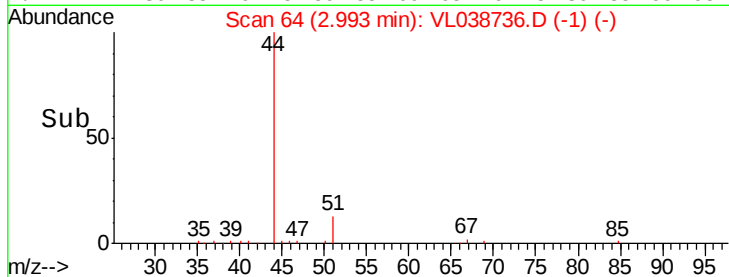
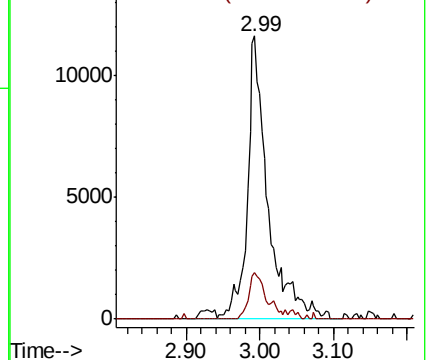
51 100

67 15.6 14.1 21.1



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.050 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.01 min

Lab File: VL038736.D

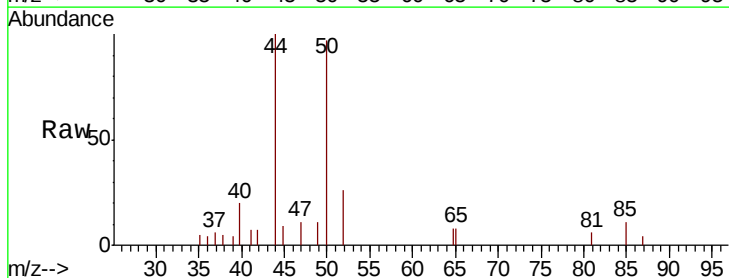
Acq: 24 Mar 2022 4:28

Tgt Ion: 50 Resp: 2098

Ion Ratio Lower Upper

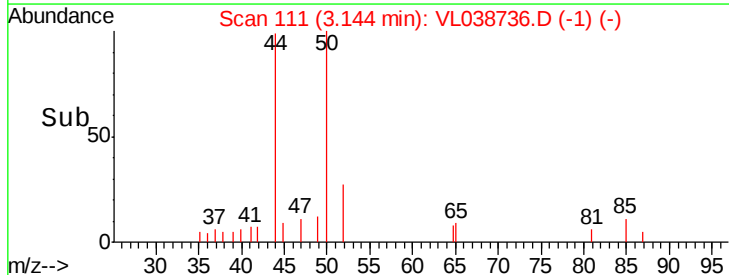
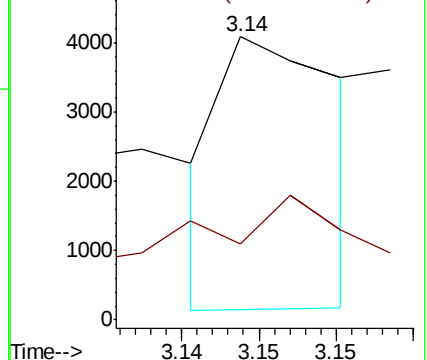
50 100

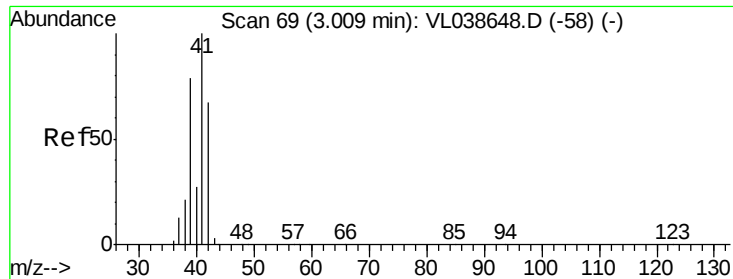
52 0.0 25.5 38.3#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 1.428 ppbv

RT: 3.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

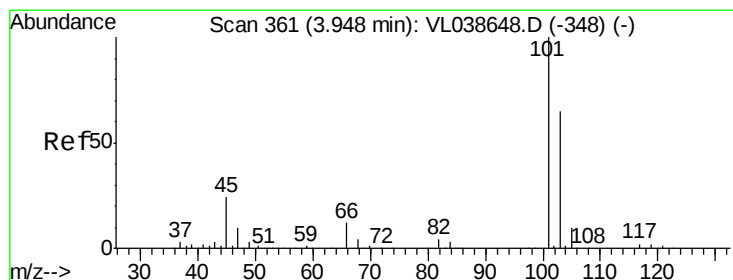
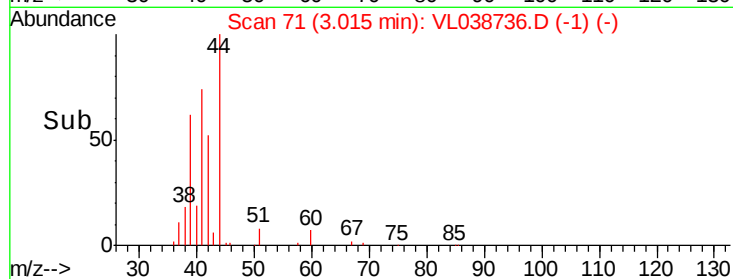
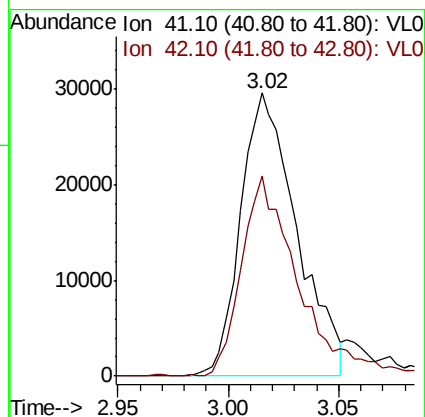
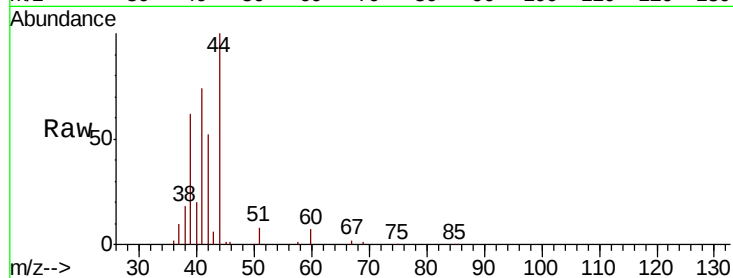
Acq: 24 Mar 2022 4:28

Tot Ion: 41 Resp: 52363

Ion Ratio Lower Upper

41 100

42 72.8 56.2 84.4



#11

Trichlorofluoromethane

Concen: 0.282 ppbv

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VL038736.D

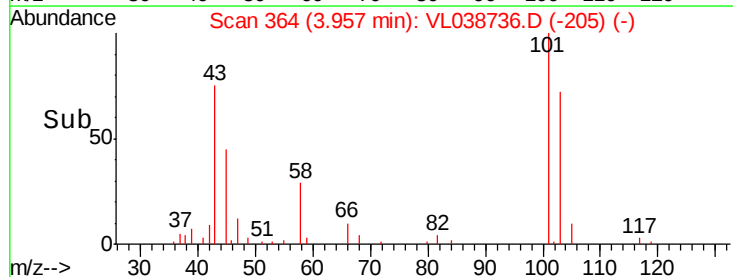
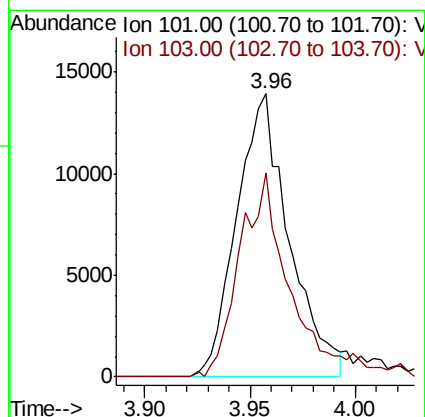
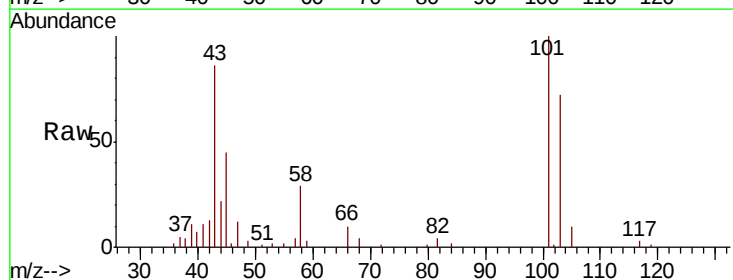
Acq: 24 Mar 2022 4:28

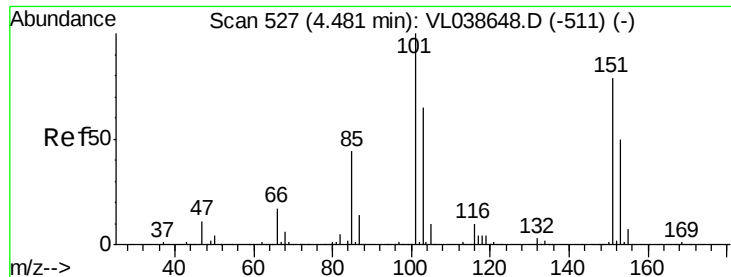
Tgt Ion: 101 Resp: 24047

Ion Ratio Lower Upper

101 100

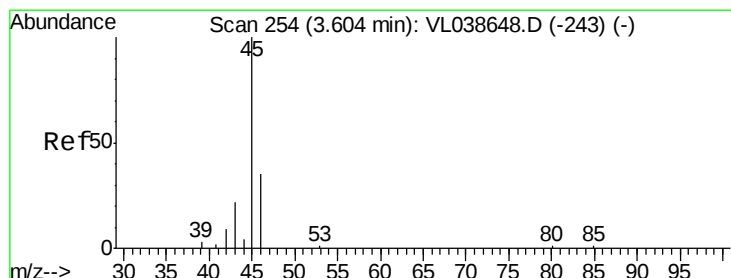
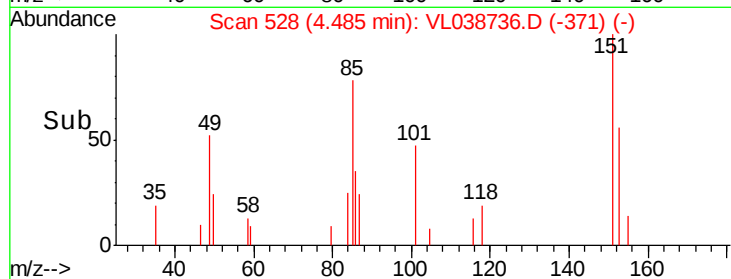
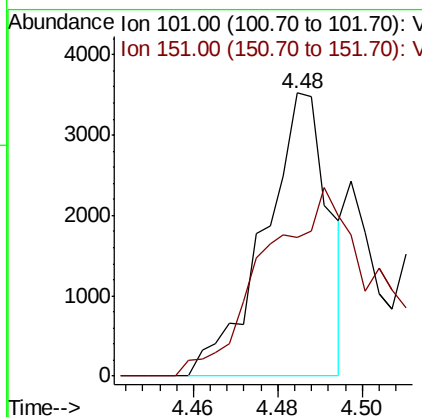
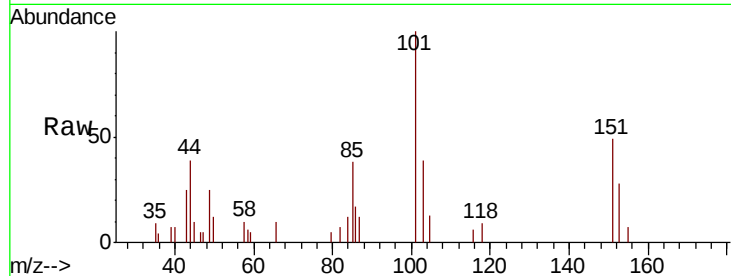
103 72.0 51.9 77.9





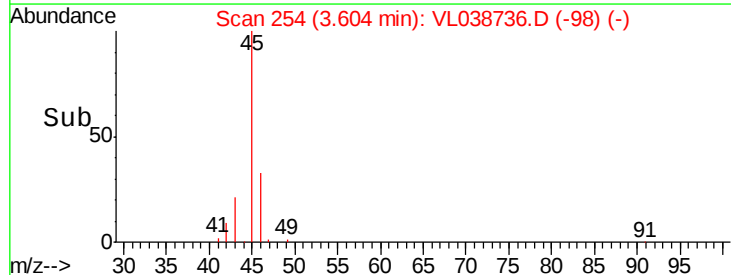
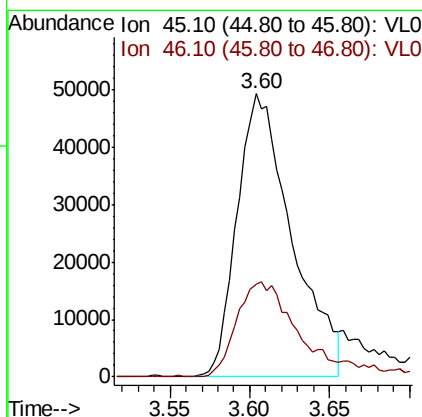
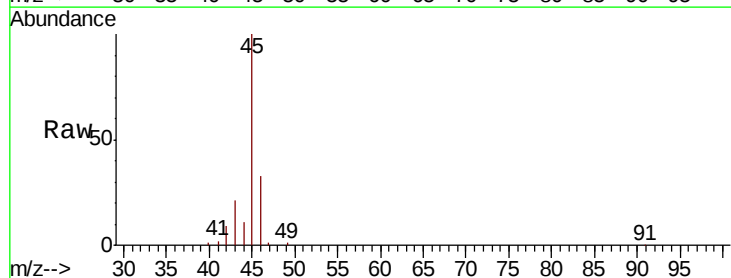
#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.056 ppbv
 RT: 4.48
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 24 Mar 2022 4:28

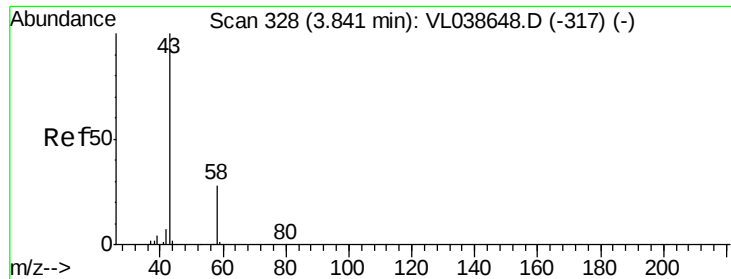
Tot Ion: 101 Resp: 3704
 Ion Ratio Lower Upper
 101 100
 151 0.0 62.9 94.3#



#13
 Ethanol
 Concen: 28.630 ppbv
 RT: 3.60 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VL038736.D
 Acq: 24 Mar 2022 4:28

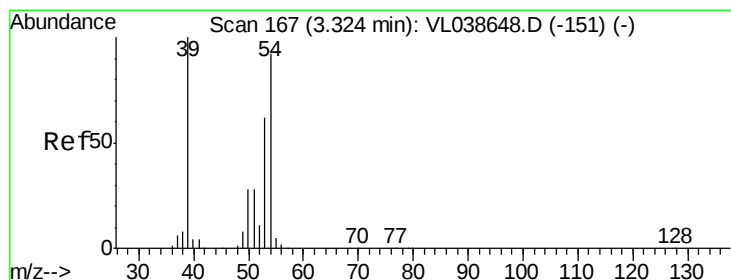
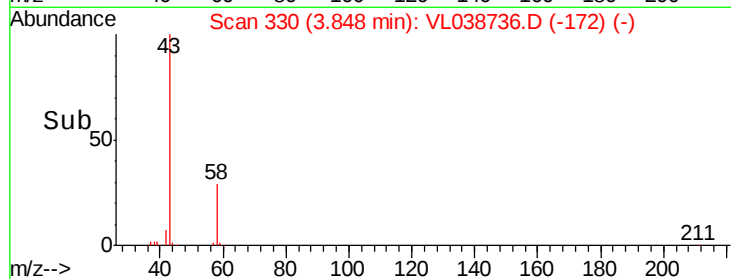
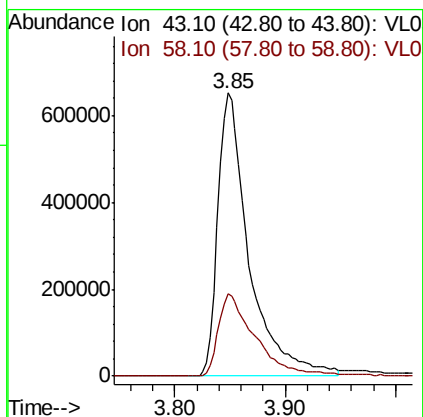
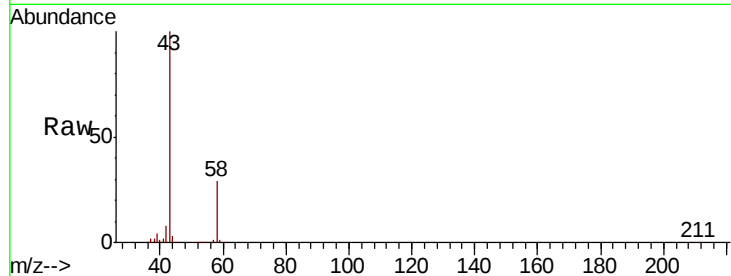
Tgt Ion: 45 Resp: 115814
 Ion Ratio Lower Upper
 45 100
 46 42.0 15.1 60.5





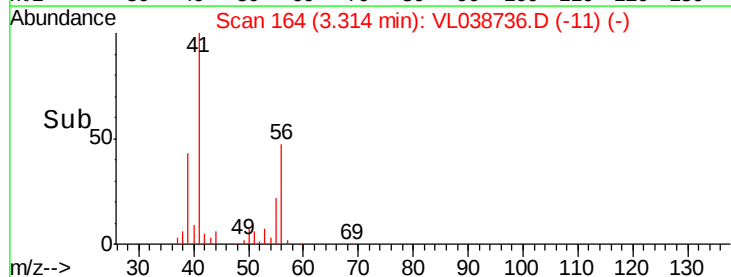
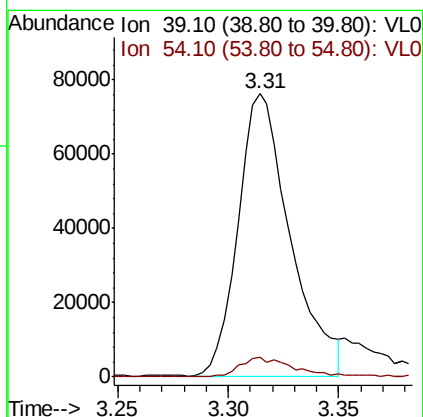
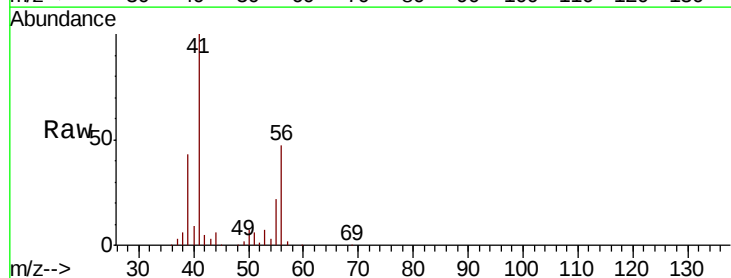
#15
Acetone
Concen: 20.561 ppbv
RT: 3.85
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Mar 2022 4:28

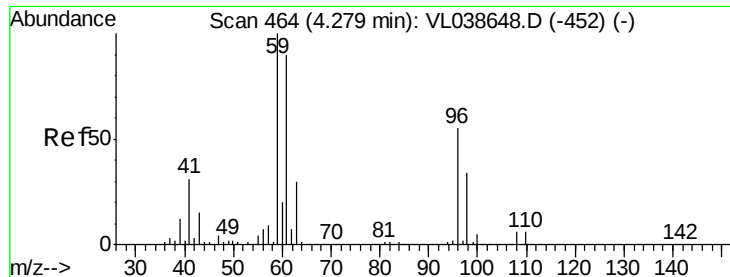
Tot Ion: 43 Resp: 1275941
Ion Ratio Lower Upper
43 100
58 35.3 23.3 34.9#



#16
1,3-Butadiene
Concen: 3.577 ppbv
RT: 3.31 min Scan# 164
Delta R.T. -0.01 min
Lab File: VL038736.D
Acq: 24 Mar 2022 4:28

Tgt Ion: 39 Resp: 125957
Ion Ratio Lower Upper
39 100
54 7.5 69.1 103.7#





#17

tert-Butyl alcohol

Concen: 0.661 ppbv

RT: 4.30 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

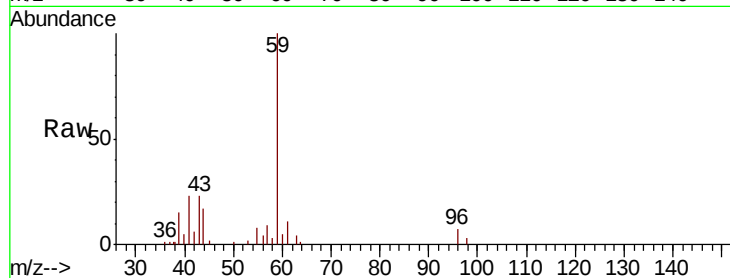
Acq: 24 Mar 2022 4:28

Tot Ion: 59 Resp: 35845

Ion Ratio Lower Upper

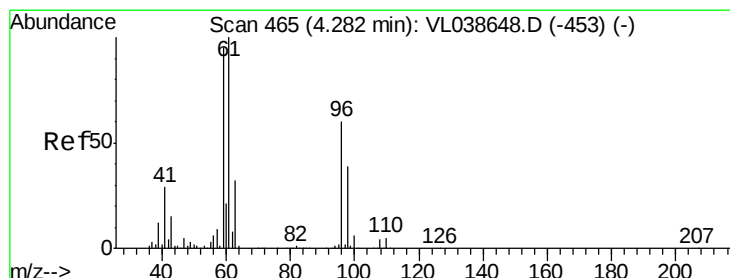
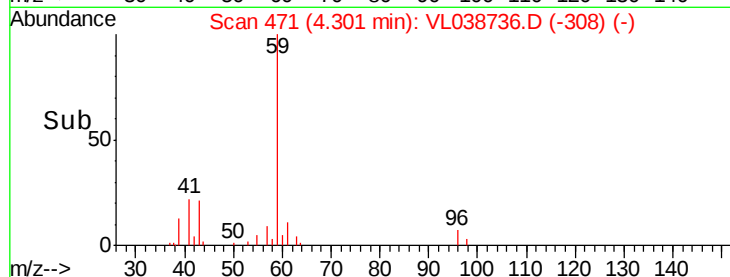
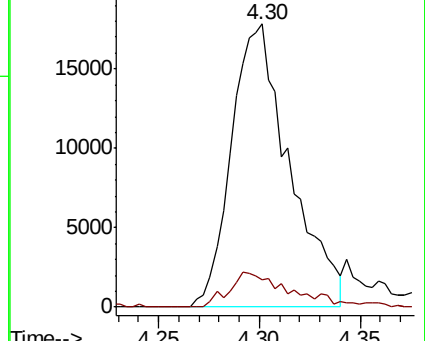
59 100

57 13.4 8.2 12.2#



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#18

1,1-Dichloroethene

Concen: 0.074 ppbv

RT: 4.29 min Scan# 469

Delta R.T. 0.01 min

Lab File: VL038736.D

Acq: 24 Mar 2022 4:28

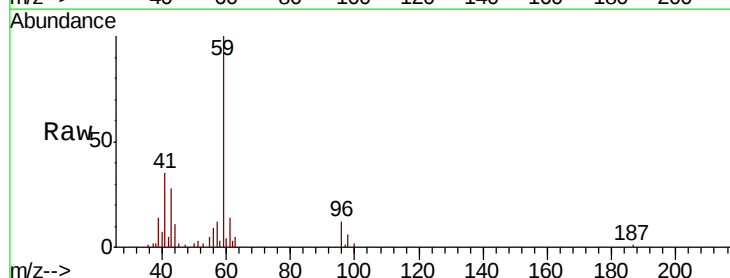
Tgt Ion: 96 Resp: 2180

Ion Ratio Lower Upper

96 100

61 57.1 132.4 198.6#

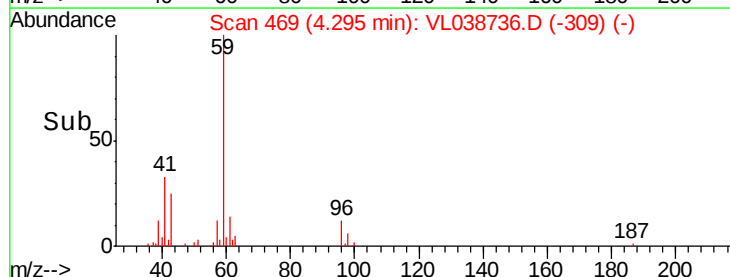
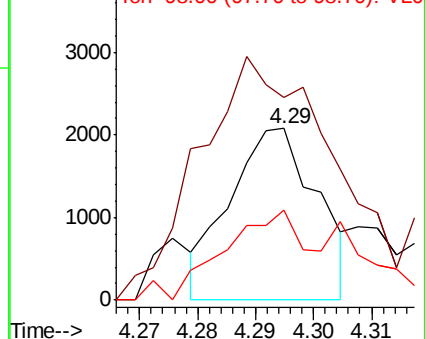
98 49.1 51.6 77.4#

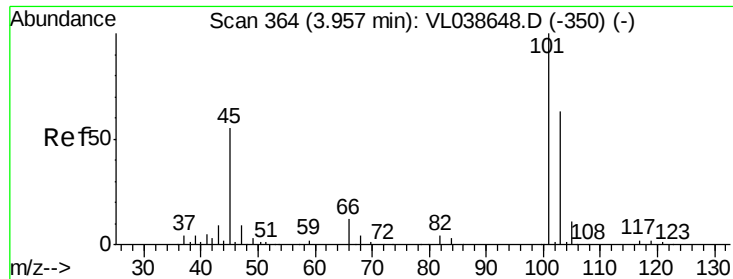


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#19

Isopropyl Alcohol

Concen: 0.933 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

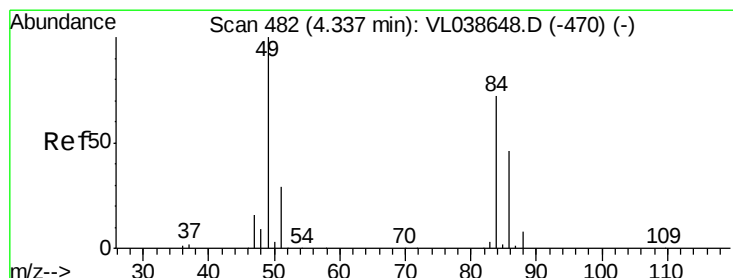
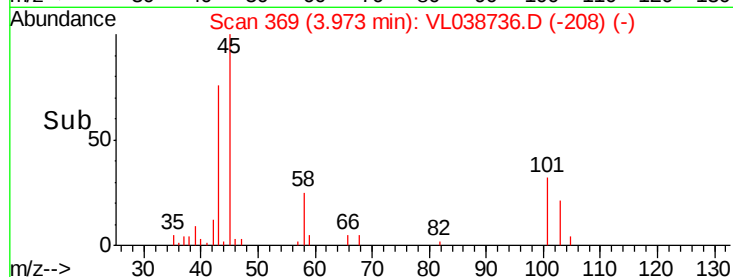
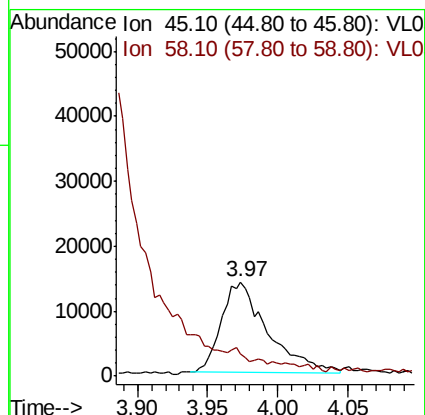
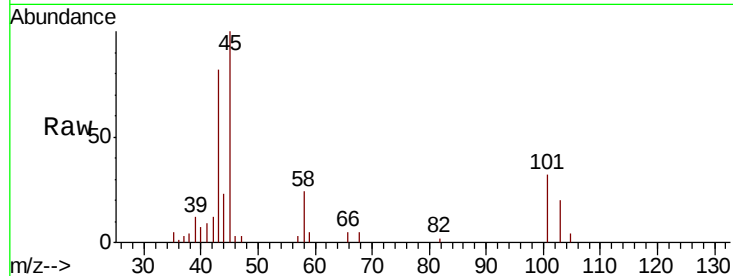
Acq: 24 Mar 2022 4:28

Tot Ion: 45 Resp: 32105

Ion Ratio Lower Upper

45 100

58 0.0 2.3 3.5#



#20

Methylene Chloride

Concen: 4.742 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.01 min

Lab File: VL038736.D

Acq: 24 Mar 2022 4:28

Tgt Ion: 84 Resp: 123958

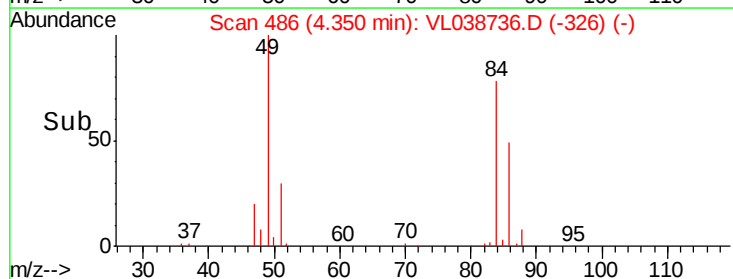
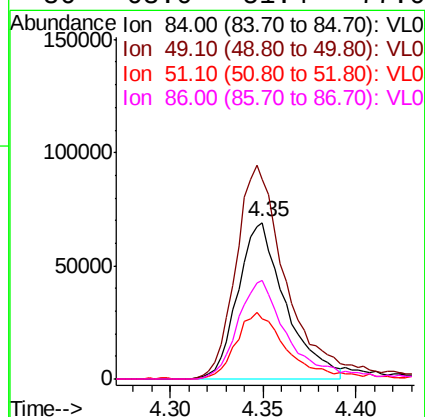
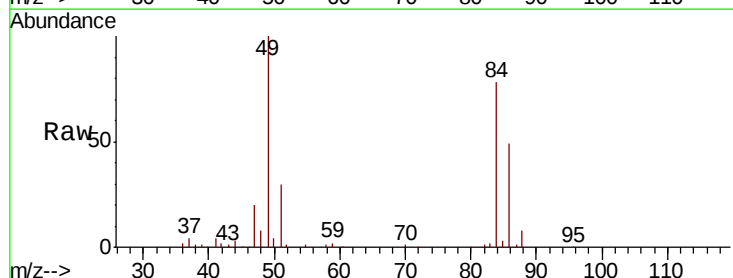
Ion Ratio Lower Upper

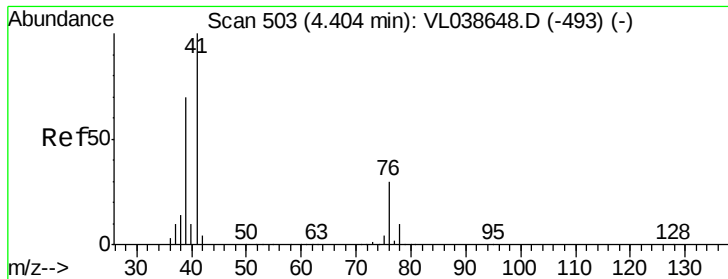
84 100

49 127.6 111.2 166.8

51 38.5 32.8 49.2

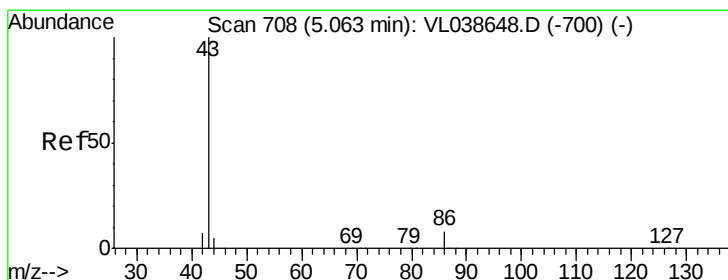
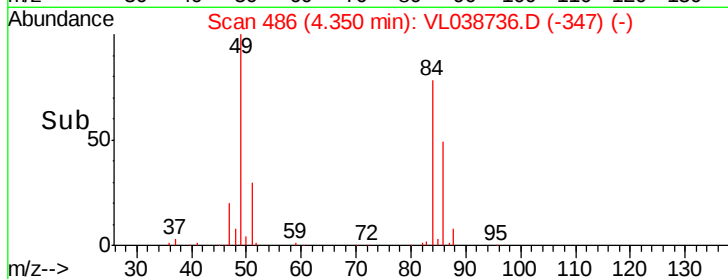
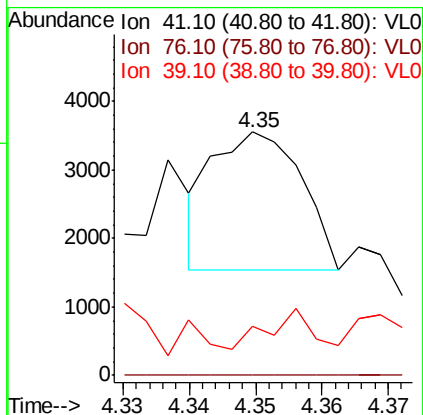
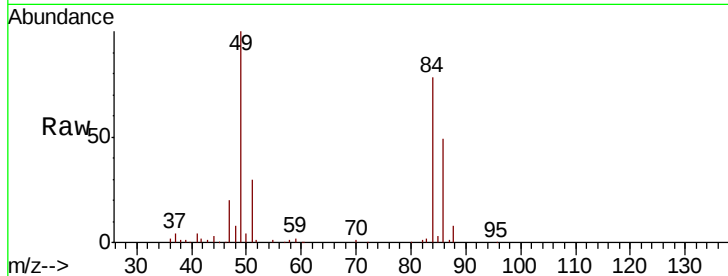
86 63.0 51.4 77.0





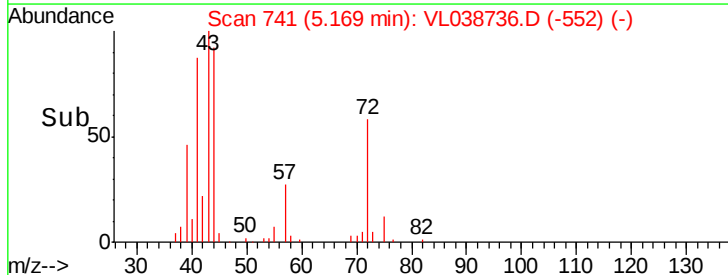
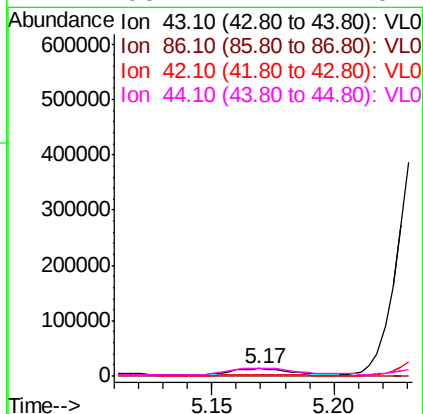
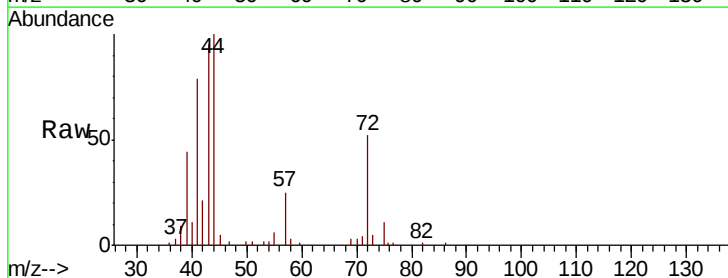
#21
 Allvl Chloride
 Concen: 0.042 ppbv
 RT: 4.35 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 24 Mar 2022 4:28

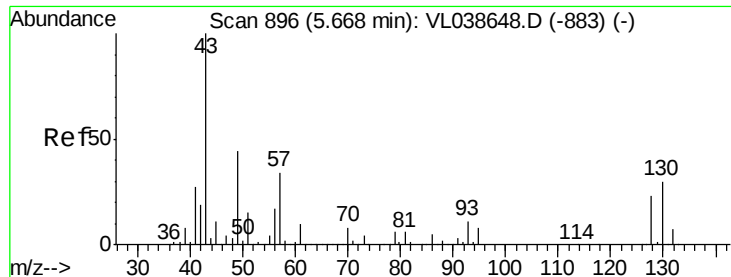
Tot Ion	Ratio	Lower	Upper
41	100		
76	0.0	25.0	37.6#
39	135.5	56.6	85.0#



#23
 Vinyl Acetate
 Concen: 0.336 ppbv
 RT: 5.17 min Scan# 741
 Delta R.T. 0.11 min
 Lab File: VL038736.D
 Acq: 24 Mar 2022 4:28

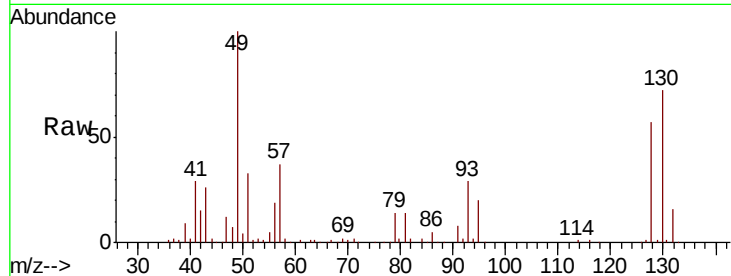
Tgt Ion	Ratio	Lower	Upper
43	100		
86	1.5	5.6	8.4#
42	20.7	6.8	10.2#
44	106.1	4.2	6.2#





#25
Ethyl Acetate
Concen: 0.413 ppbv
RT: 5.69 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Mar 2022 4:28

Tot Ion:	43	Resp:	64522
Ion	Ratio	Lower	Upper
43	100		
45	3.5	8.2	12.4#
61	1.4	8.3	12.5#
70	2.7	5.6	8.4#



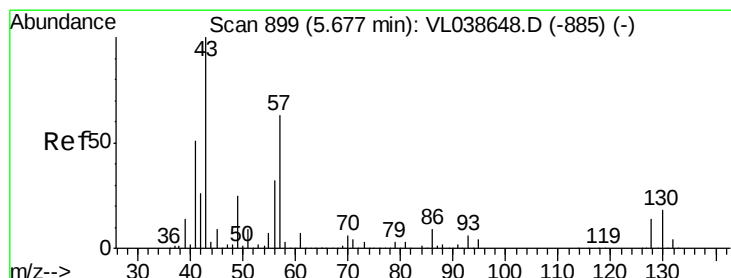
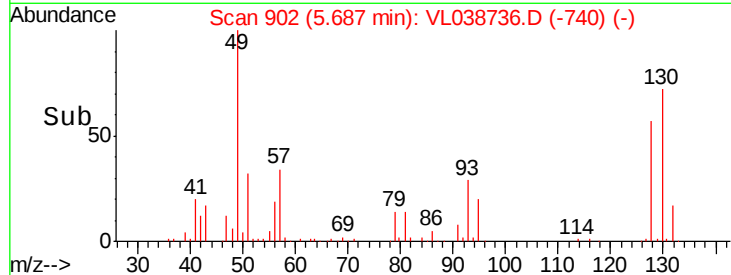
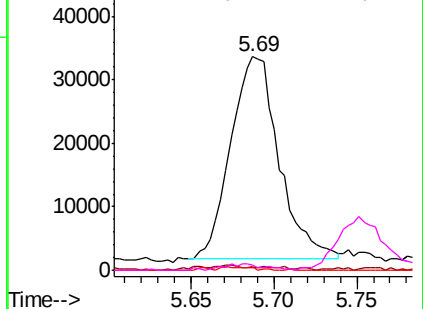
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

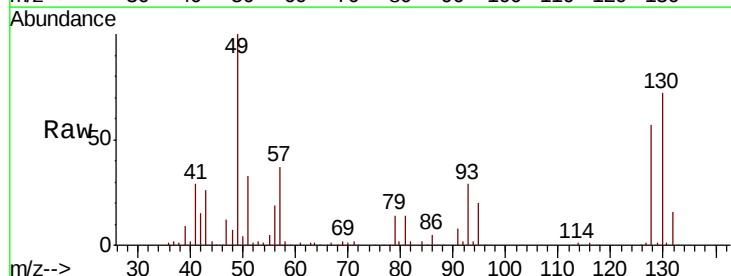
Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 1.285 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.01 min
Lab File: VL038736.D
Acq: 24 Mar 2022 4:28

Tgt Ion:	57	Resp:	89834
Ion	Ratio	Lower	Upper
57	100		
41	89.8	67.0	100.4
43	84.6	184.2	276.2#
56	58.0	42.6	64.0



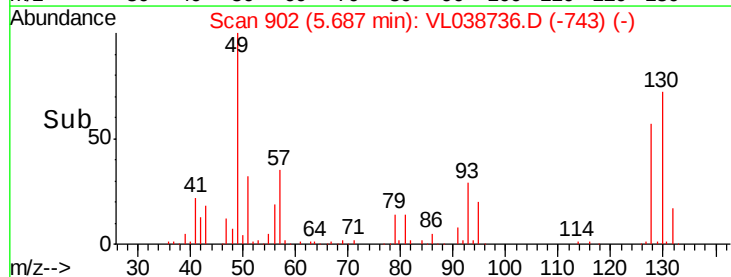
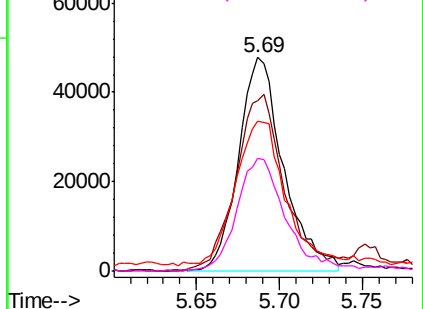
Abundance

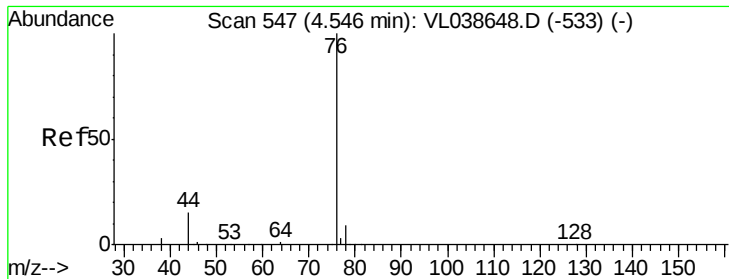
Ion 57.10 (56.80 to 57.80): VL0

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: 0.212 ppbv

RT: 4.55 Instrument:

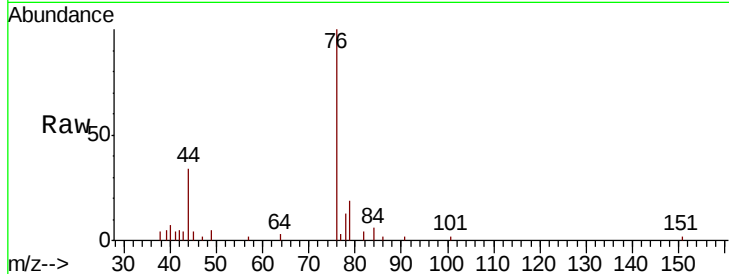
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

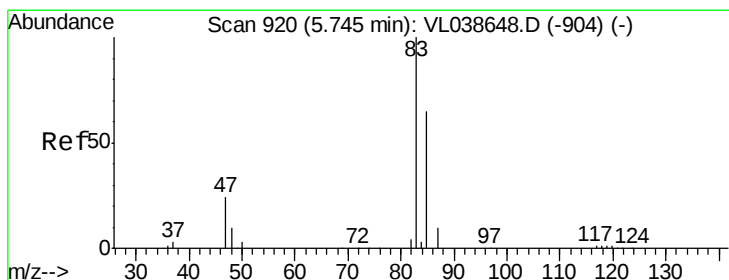
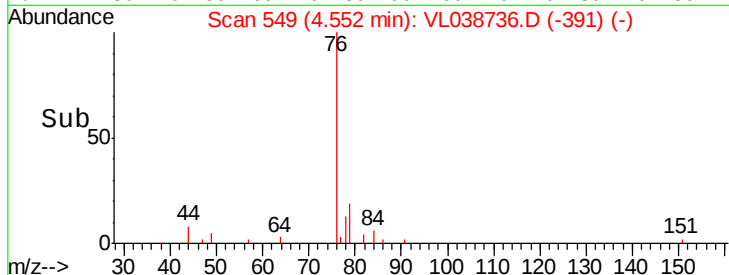
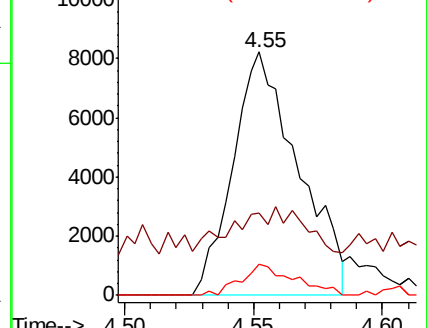
Acq: 24 Mar 2022 4:28

Tot Ion: 76 Resp: 14550

Ion	Ratio	Lower	Upper
76	100		
44	19.7	12.4	18.6#
78	10.4	7.8	11.8



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: 16.769 ppbv

RT: 5.75 min Scan# 922

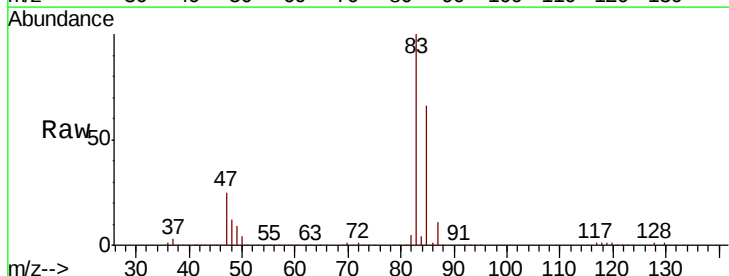
Delta R.T. 0.01 min

Lab File: VL038736.D

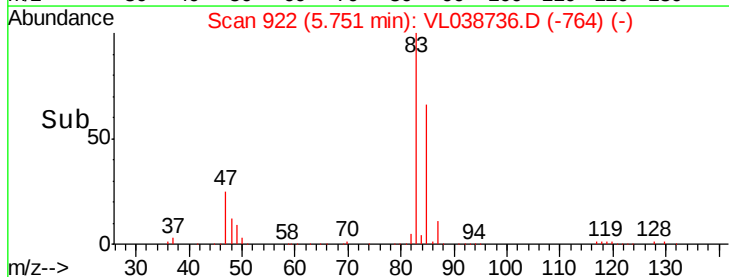
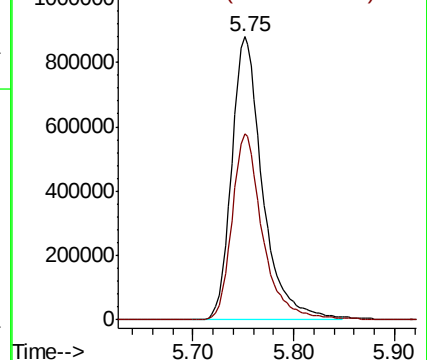
Acq: 24 Mar 2022 4:28

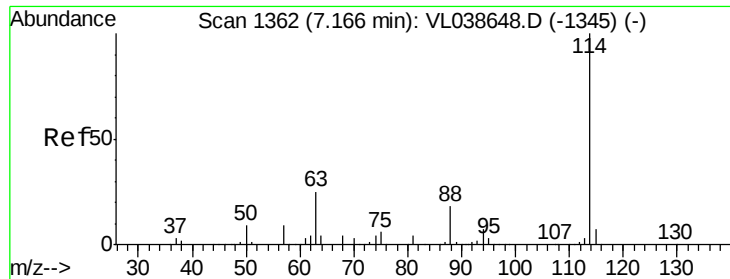
Tgt Ion: 83 Resp: 1877789

Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.7	77.5



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 4:28

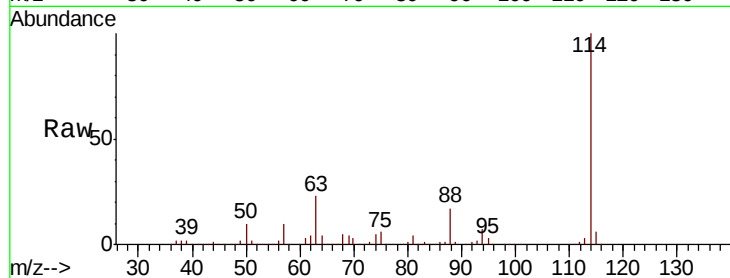
Tot Ion:114 Resp: 1923050

Ion Ratio Lower Upper

114 100

63 23.4 19.4 29.0

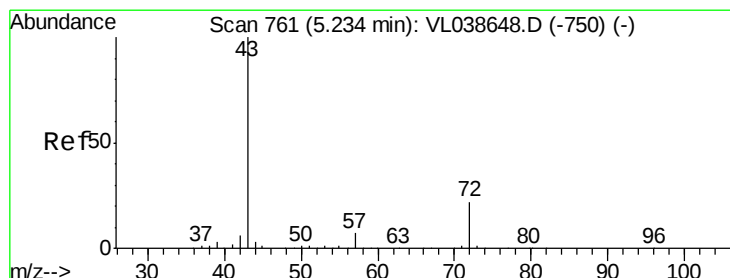
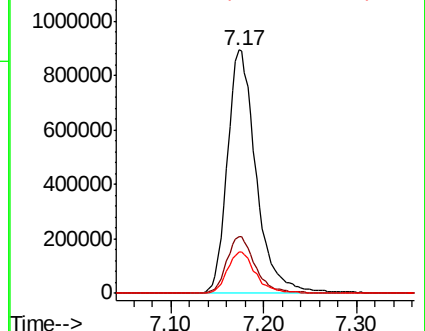
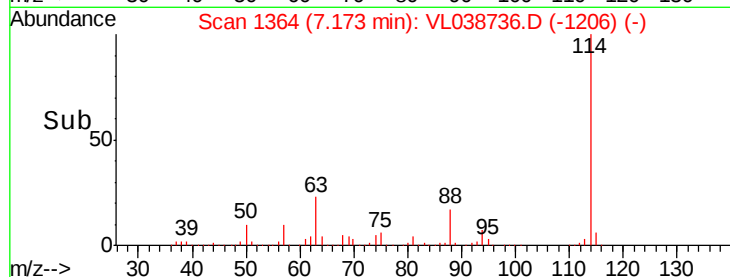
88 17.0 13.9 20.9



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: 17.677 ppbv

RT: 5.24 min Scan# 763

Delta R.T. 0.01 min

Lab File: VL038736.D

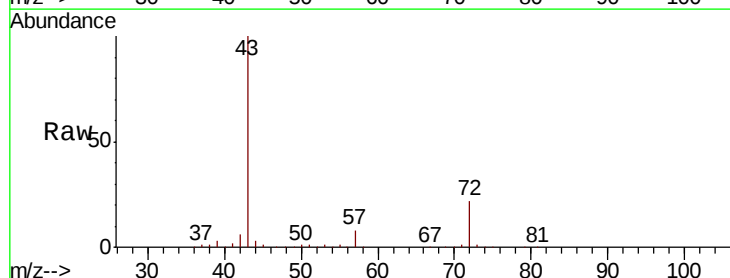
Acq: 24 Mar 2022 4:28

Tgt Ion: 43 Resp: 1345491

Ion Ratio Lower Upper

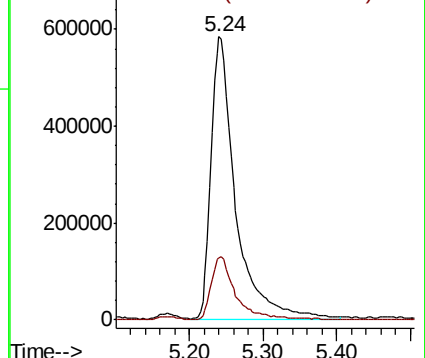
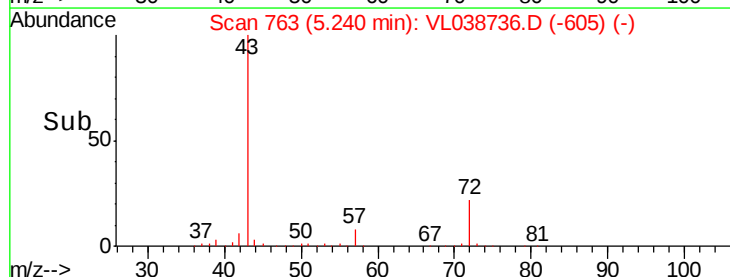
43 100

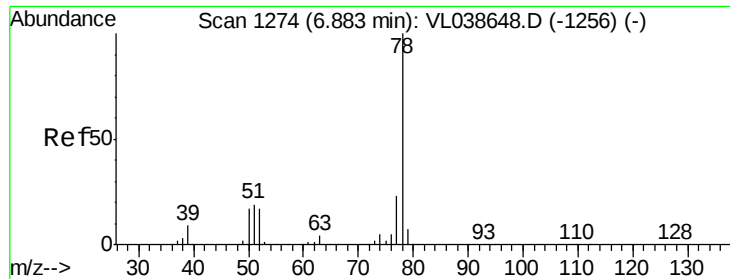
72 22.5 17.8 26.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#36

Benzene

Concen: 0.146 ppbv

RT: 6.89 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 4:28

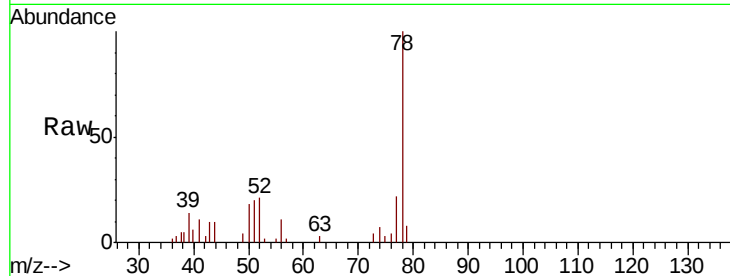
Tot Ion: 78 Resp: 21603

Ion Ratio Lower Upper

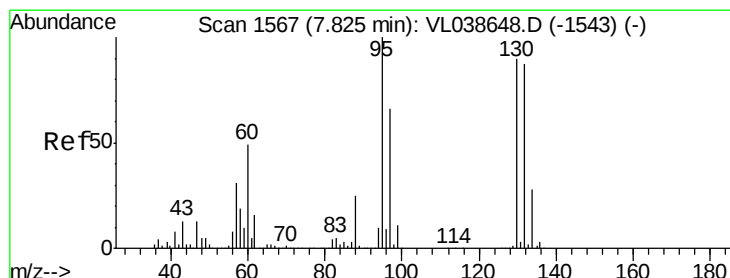
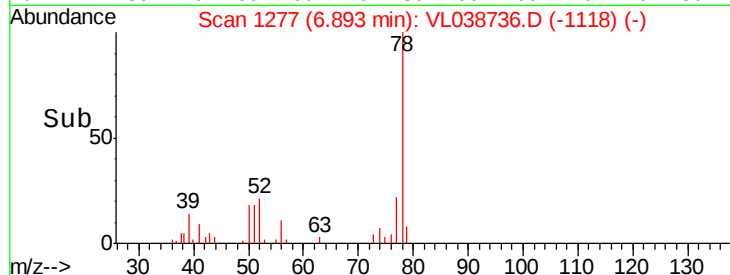
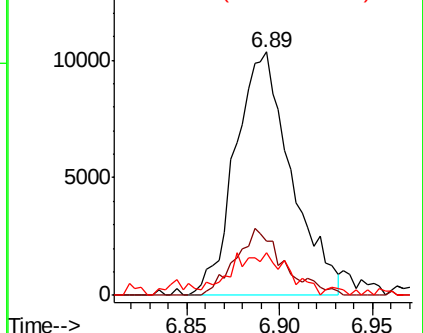
78 100

77 22.5 18.1 27.1

50 14.7 13.6 20.4



Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0



#38

Trichloroethene

Concen: 0.031 ppbv

RT: 7.83 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VL038736.D

Acq: 24 Mar 2022 4:28

Tgt Ion:130 Resp: 1926

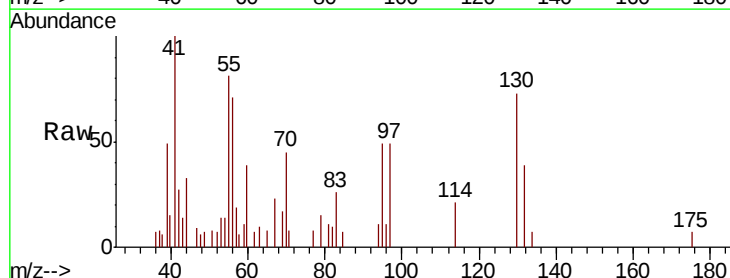
Ion Ratio Lower Upper

130 100

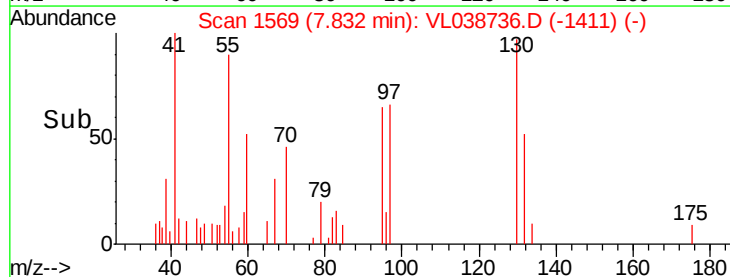
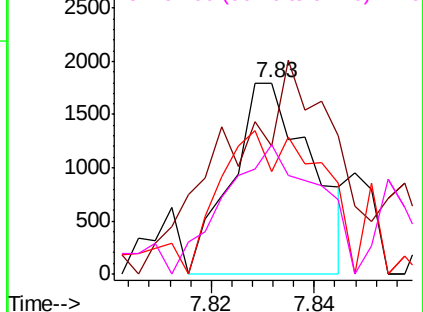
95 25.3 88.9 133.3#

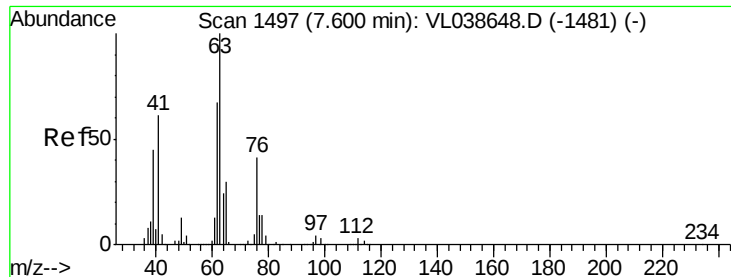
132 53.7 77.4 116.0#

97 51.2 58.2 87.4#



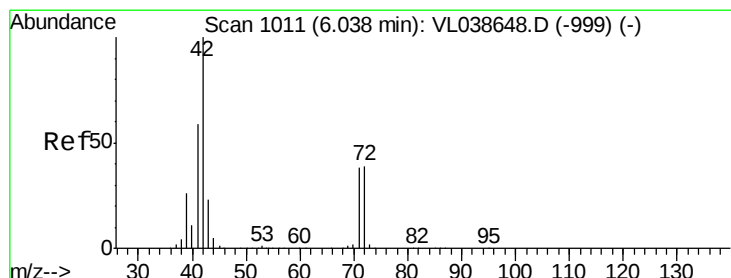
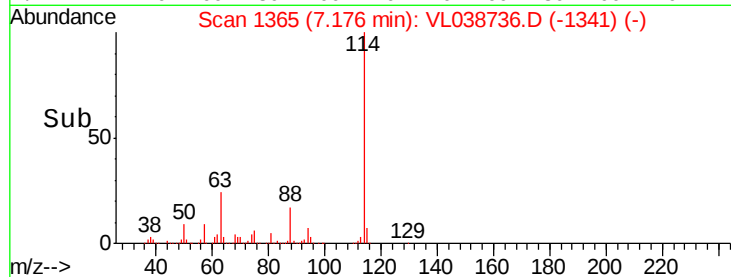
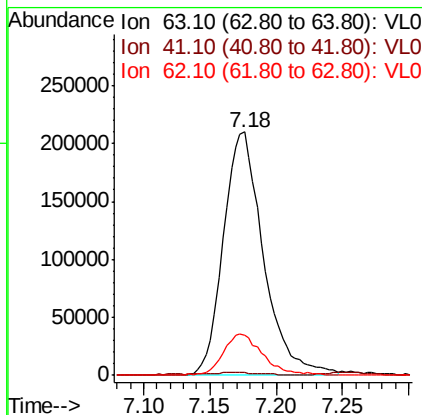
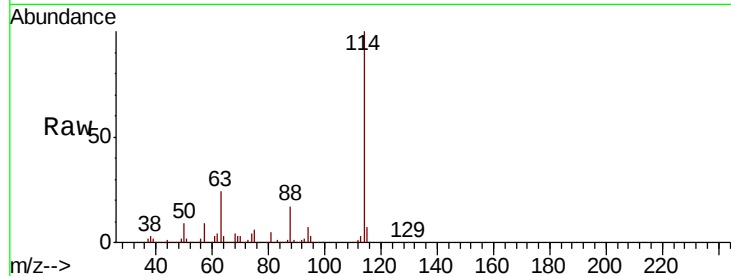
Abundance Ion 130.00 (129.70 to 130.70): V
Ion 95.00 (94.70 to 95.70): VL0
Ion 132.00 (131.70 to 132.70): V
Ion 97.00 (96.70 to 97.70): VL0





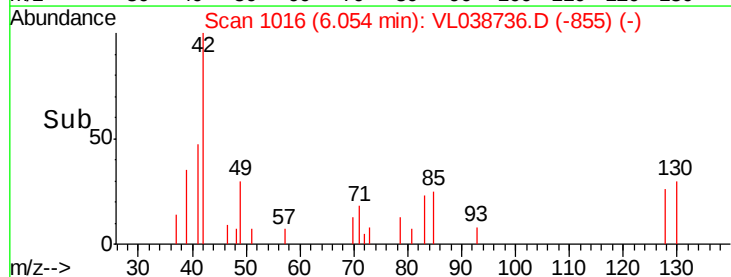
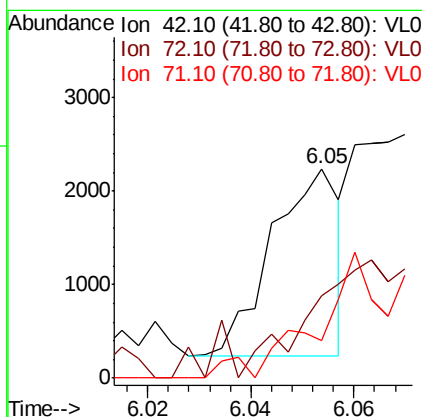
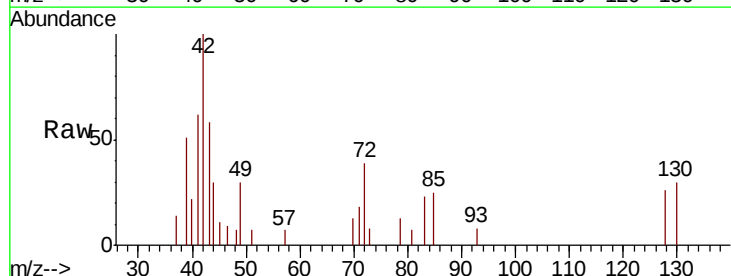
#39
 1,2-Dichloropropane
 Concen: 7.605 ppbv
 RT: 7.18
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 24 Mar 2022 4:28

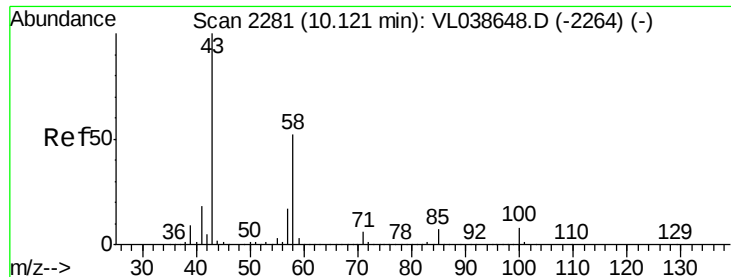
Tot Ion	63	Resp	441240
Ion Ratio	Lower	Upper	
63	100		
41	0.4	49.0	73.6#
62	16.1	53.9	80.9#



#41
 Tetrahydrofuran
 Concen: 0.032 ppbv
 RT: 6.05 min Scan# 1016
 Delta R.T.: 0.02 min
 Lab File: VL038736.D
 Acq: 24 Mar 2022 4:28

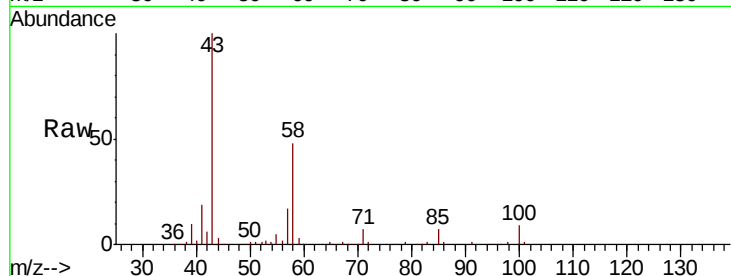
Tgt Ion	42	Resp	1817
Ion Ratio	Lower	Upper	
42	100		
72	21.4	32.5	48.7#
71	0.0	31.4	47.2#





#51
2-Hexanone
Concen: 1.451 ppbv
RT: 10.13 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 24 Mar 2022 4:28

Tot Ion	43	Resp	147442
Ion Ratio	Lower	Upper	
43	100		
58	53.6	41.2	61.8
98	0.9	0.2	0.4#

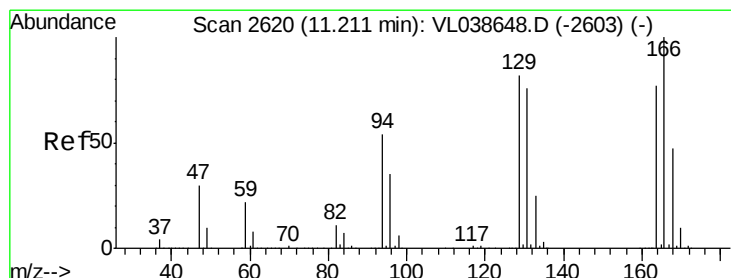
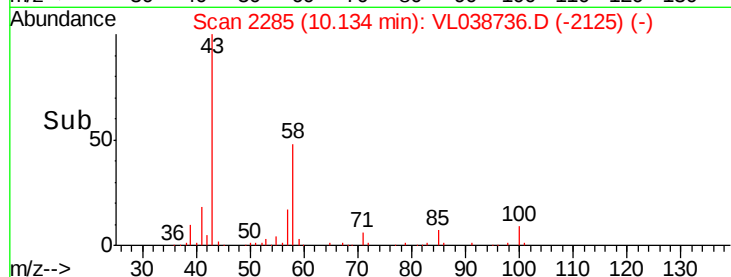
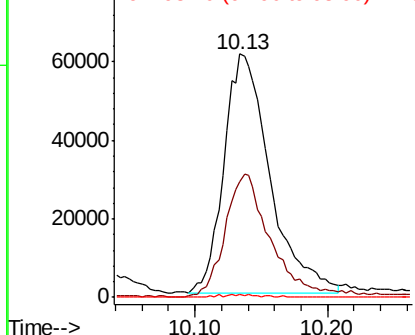


Abundance

Ion 43.10 (42.80 to 43.80): VL0

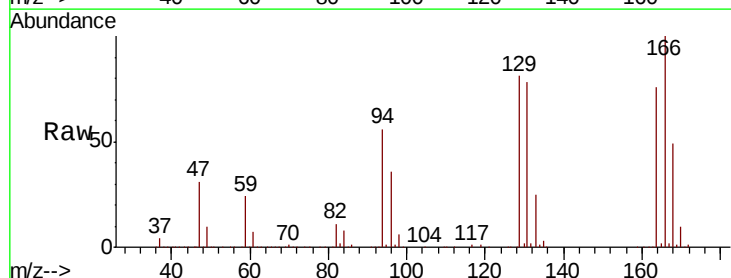
Ion 58.10 (57.80 to 58.80): VL0

Ion 98.20 (97.90 to 98.90): VL0



#52
Tetrachloroethene
Concen: 13.726 ppbv
RT: 11.22 min Scan# 2623
Delta R.T.: 0.01 min
Lab File: VL038736.D
Acq: 24 Mar 2022 4:28

Tgt Ion	164	Resp	745497
Ion Ratio	Lower	Upper	
164	100		
166	131.6	103.3	154.9
129	106.0	85.2	127.8
131	103.1	78.3	117.5



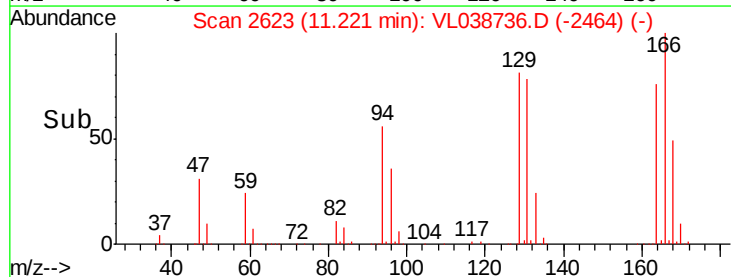
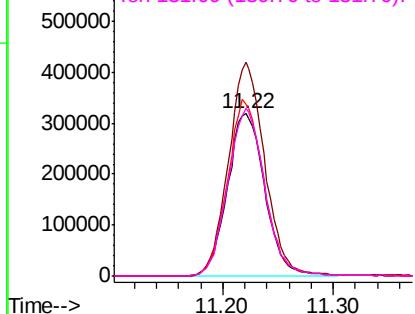
Abundance

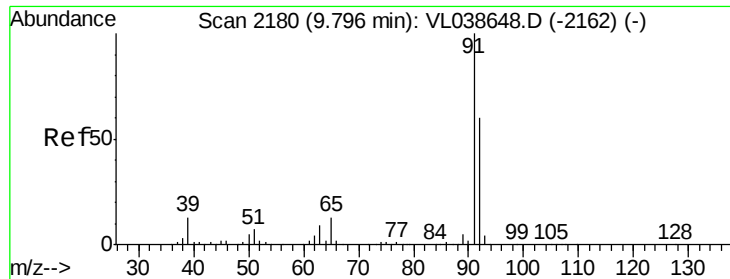
Ion 163.90 (163.60 to 164.60): V

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: 0.465 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

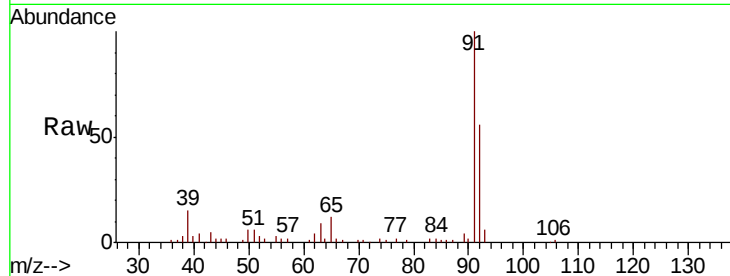
Acq: 24 Mar 2022 4:28

Tot Ion: 91 Resp: 74130

Ion Ratio Lower Upper

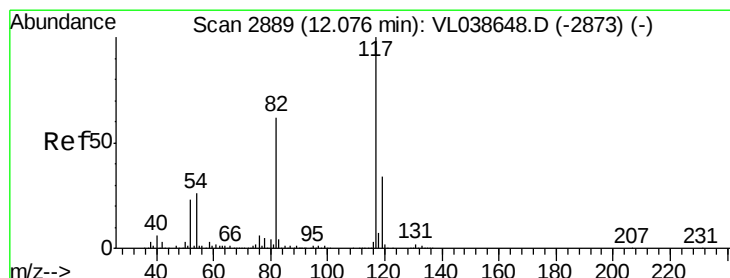
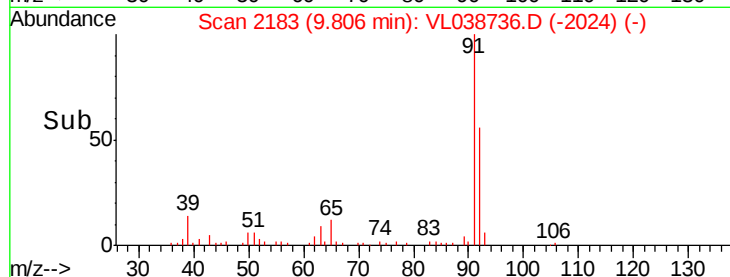
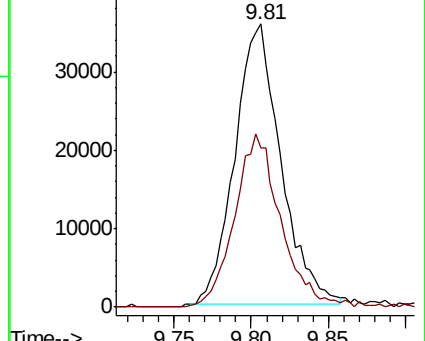
91 100

92 62.0 48.7 73.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2891

Delta R.T. 0.01 min

Lab File: VL038736.D

Acq: 24 Mar 2022 4:28

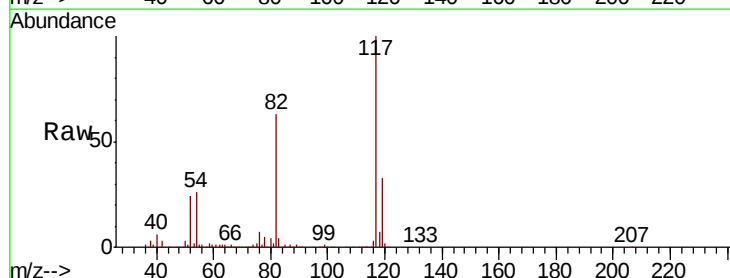
Tgt Ion: 117 Resp: 1789507

Ion Ratio Lower Upper

117 100

82 63.7 51.6 77.4

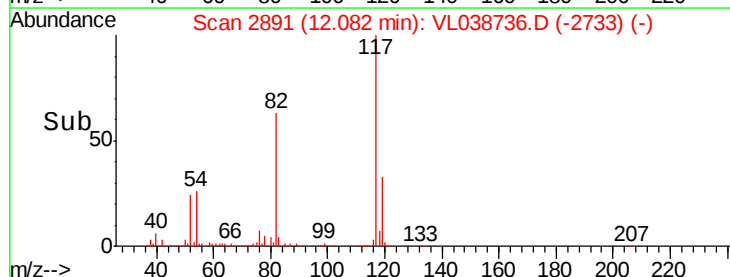
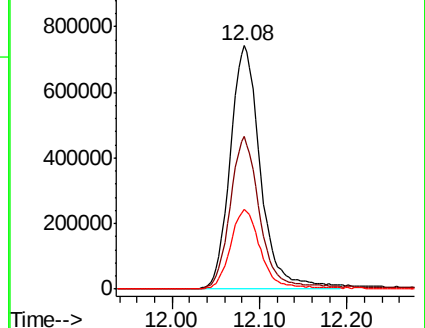
119 33.8 26.9 40.3

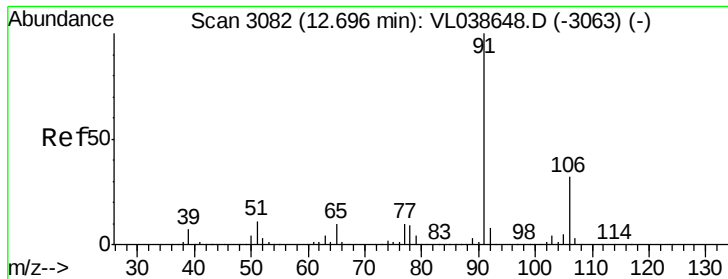


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#58

Ethyl Benzene

Concen: 0.063 ppbv

RT: 12.71 min

Delta R.T. MSVOA_L

Lab File:

Acq: 24 Mar 2022 4:28

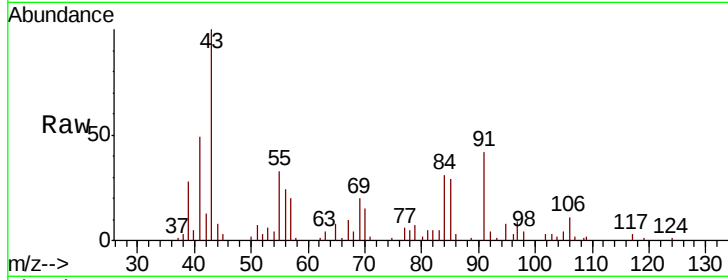
ClientSampleId :

Tot Ion: 91 Resp: 13185

Ion Ratio Lower Upper

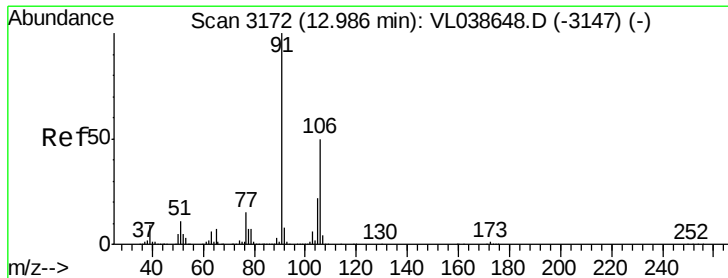
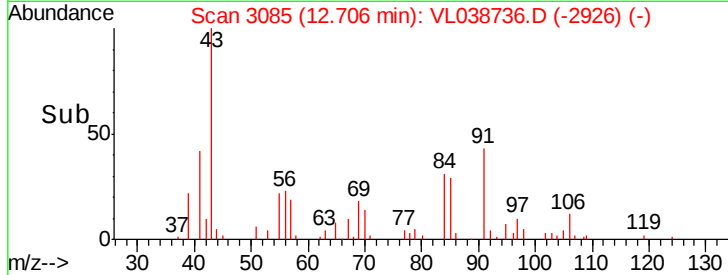
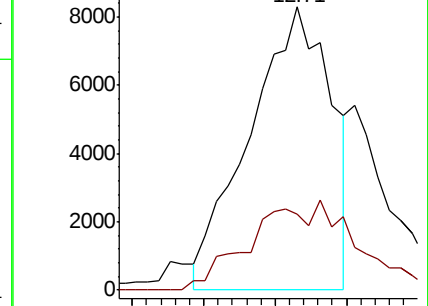
91 100

106 25.9 25.4 38.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 0.034 ppbv

RT: 13.00 min Scan# 3175

Delta R.T. 0.01 min

Lab File: VL038736.D

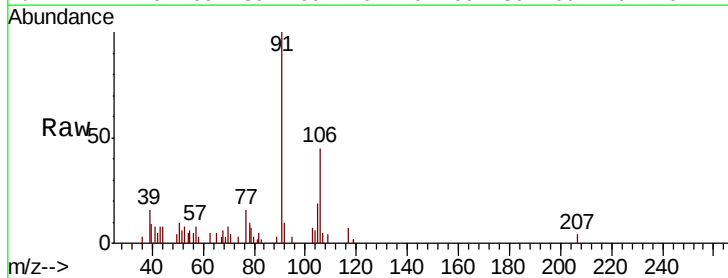
Acq: 24 Mar 2022 4:28

Tgt Ion: 91 Resp: 6223

Ion Ratio Lower Upper

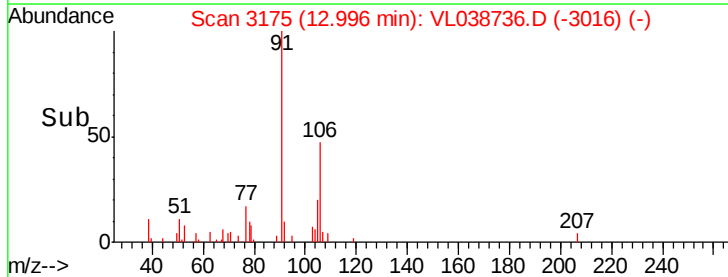
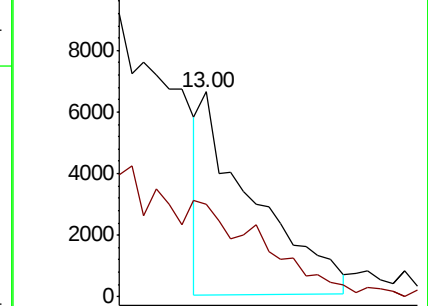
91 100

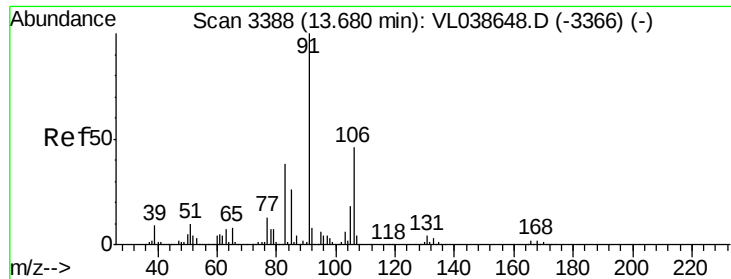
106 0.0 37.2 55.8#



Abundance Ion 91.10 (90.80 to 91.80): VL0

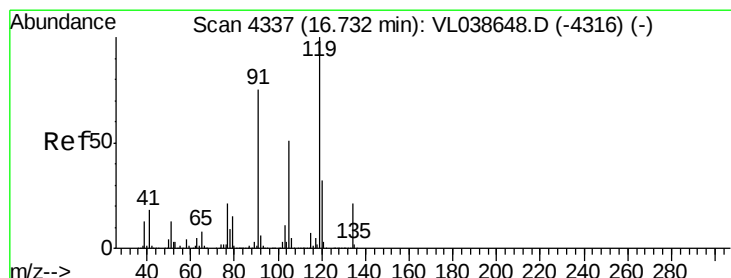
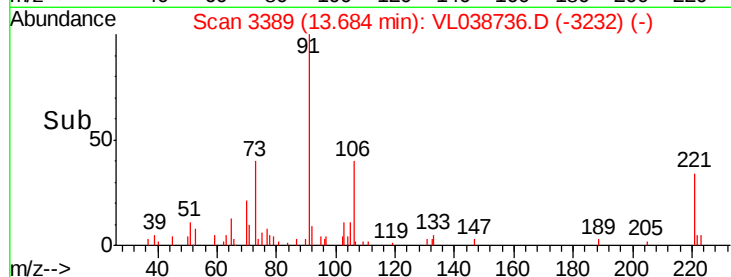
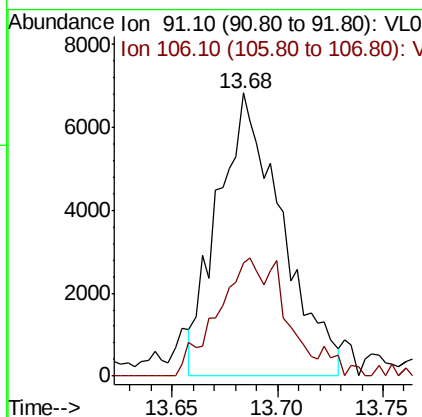
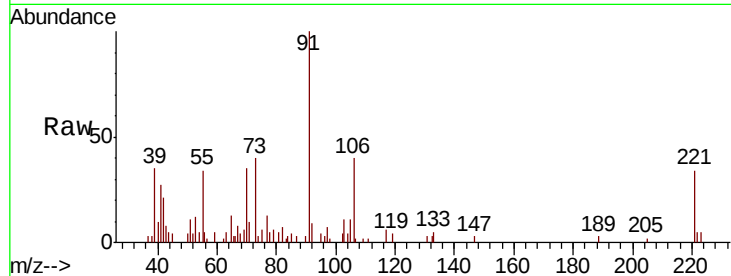
Ion 106.10 (105.80 to 106.80): V





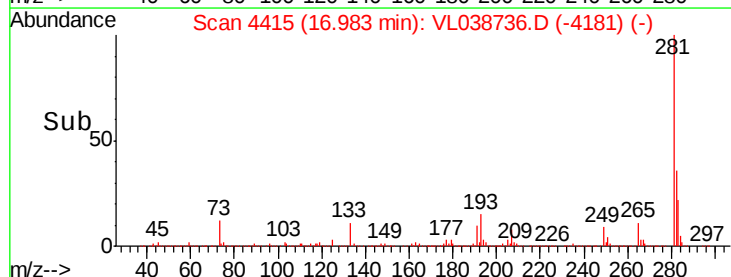
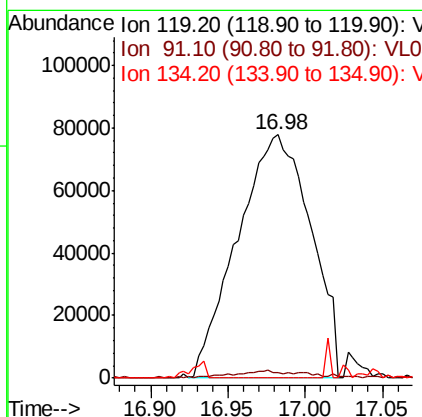
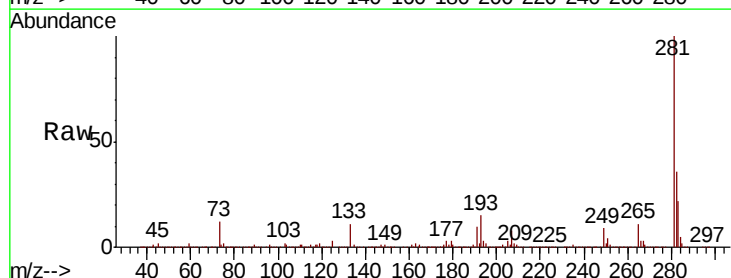
#60
o-Xylene
Concen: 0.083 ppbv
RT: 13.68 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 24 Mar 2022 4:28

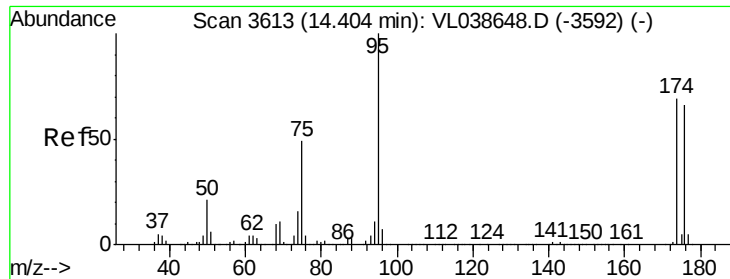
Tot Ion: 91 Resp: 14383
Ion Ratio Lower Upper
91 100
106 47.1 23.5 70.5



#65
tert-Butylbenzene
Concen: 1.092 ppbv
RT: 16.98 min Scan# 4415
Delta R.T.: 0.25 min
Lab File: VL038736.D
Acq: 24 Mar 2022 4:28

Tgt Ion: 119 Resp: 256294
Ion Ratio Lower Upper
119 100
91 3.8 61.2 91.8#
134 1.4 16.3 24.5#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.177 ppbv

RT: 14.41 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 4:28

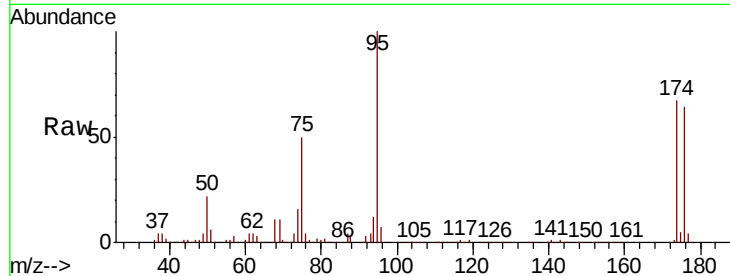
Tot Ion: 95 Resp: 1259062

Ion Ratio Lower Upper

95 100

174 73.6 56.1 84.1

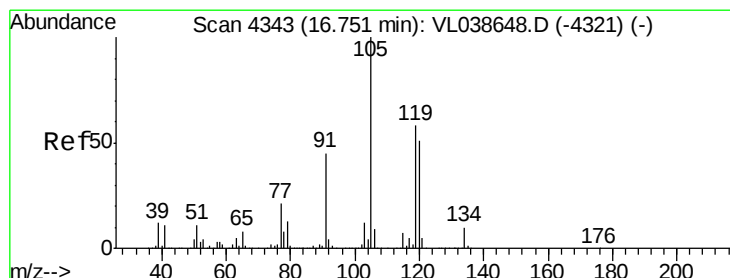
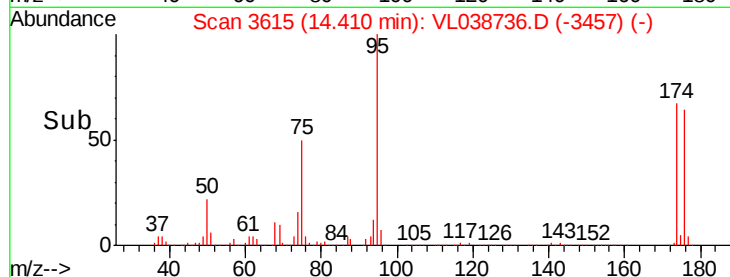
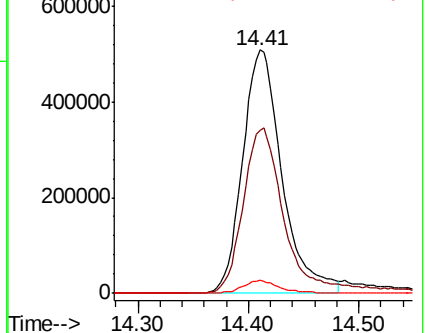
175 5.2 4.2 6.2



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



#74

1,2,4-Trimethylbenzene

Concen: 0.062 ppbv

RT: 16.76 min Scan# 4345

Delta R.T. 0.01 min

Lab File: VL038736.D

Acq: 24 Mar 2022 4:28

Tgt Ion: 105 Resp: 12556

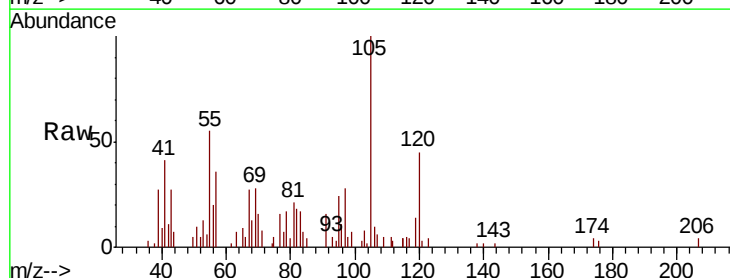
Ion Ratio Lower Upper

105 100

120 45.2 40.5 60.7

91 8.4 35.9 53.9#

77 18.1 16.6 25.0

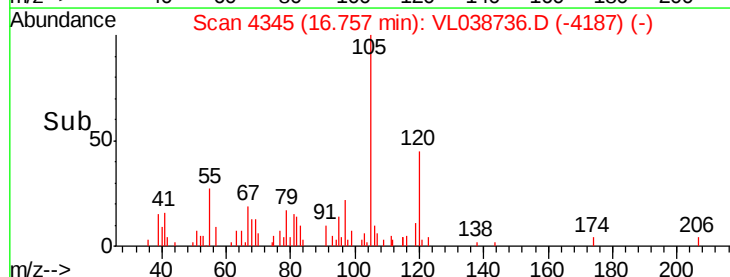
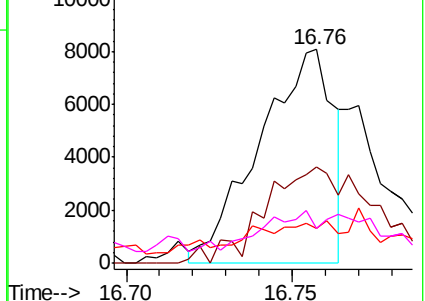


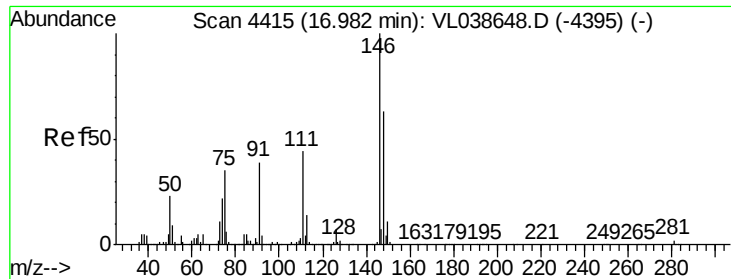
Abundance Ion 105.10 (104.80 to 105.80): V

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





#75

1,3-Dichlorobenzene

Concen: 0.159 ppbv

RT: 16.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 4:28

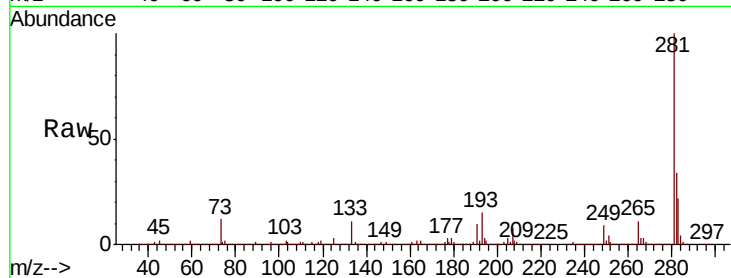
Tot Ion:146 Resp: 20627

Ion Ratio Lower Upper

146 100

111 461.4 22.2 66.6#

148 252.1 32.5 97.5#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

