

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032122\
 Data File : VL038667.D
 Acq On : 22 Mar 2022 1:59
 Operator : SY/AP
 Sample : N1964-11
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P81

Quant Time: Mar 22 04:01:32 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	5.66	49	870176	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2176004	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	1956712	10.00	ppbv	0.00

System Monitoring Compounds

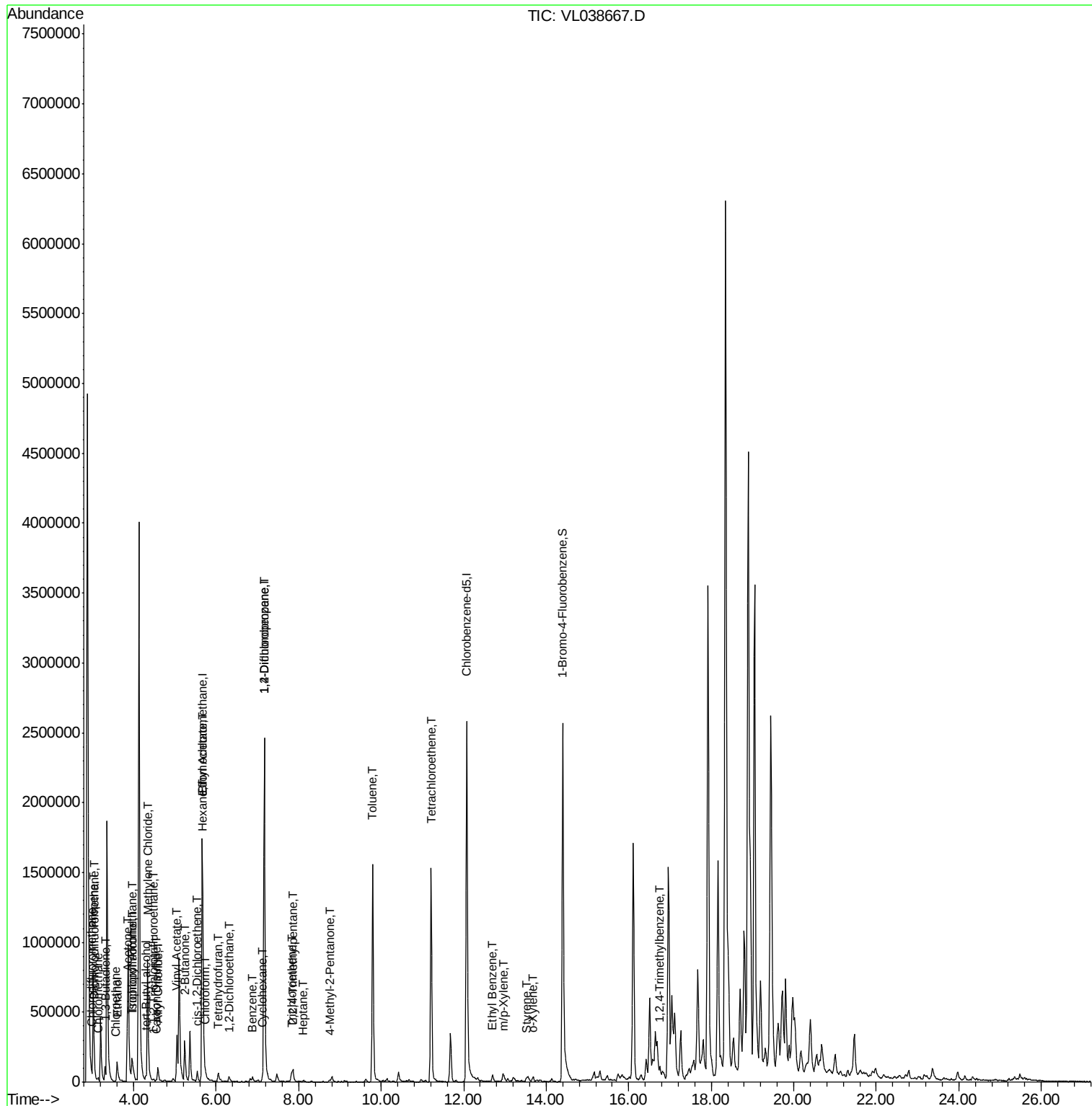
68) 1-Bromo-4-Fluorobenzene	14.40	95	1456406	9.71	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.10%

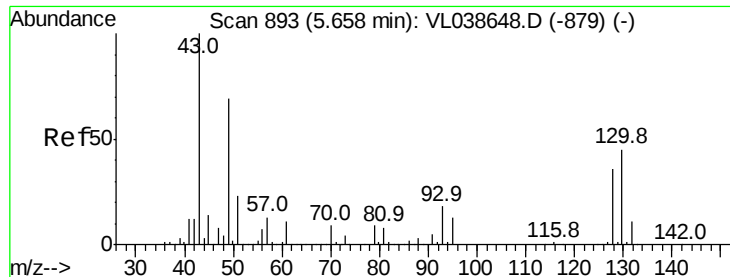
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.05	85	25752	0.22	ppbv	97
3) Chlorodifluoromethane	2.99	51	47157	0.51	ppbv #	84
4) Chloromethane	3.14	50	20512	0.41	ppbv	97
7) Chloroethane	3.56	64	2115	0.12	ppbv	89
9) Propene	3.02	41	198465	4.47	ppbv #	64
10) Heptane	8.11	43	2272	0.02	ppbv #	1
11) Trichlorofluoromethane	3.95	101	10911	0.11	ppbv	90
12) 1,1,2-Trichlorotrifluoroet	4.48	101	4769	0.06	ppbv	84
13) Ethanol	3.60	45	196059	40.06	ppbv	99
15) Acetone	3.84	43	313424	4.17	ppbv #	58
16) 1,3-Butadiene	3.31	39	26357	0.62	ppbv #	15
17) tert-Butyl alcohol	4.30	59	32739	0.50	ppbv #	73
19) Isopropyl Alcohol	3.96	45	202957	4.88	ppbv #	96
20) Methylene Chloride	4.34	84	391057	12.37	ppbv	98
21) Allyl Chloride	4.59	41	26471	0.49	ppbv #	23
23) Vinyl Acetate	5.05	43	137470	1.89	ppbv #	1
25) Ethyl Acetate	5.67	43	292120	1.55	ppbv #	95
26) Hexane	5.68	57	216267	2.56	ppbv #	65
27) Carbon Disulfide	4.55	76	16936	0.20	ppbv #	91
29) Chloroform	5.74	83	10149	0.07	ppbv	86
30) Cyclohexane	7.12	84	2323	0.03	ppbv #	1
31) cis-1,2-Dichloroethene	5.54	61	46668	0.59	ppbv	94
34) 2-Butanone	5.24	43	394614	4.58	ppbv	98
36) Benzene	6.88	78	27141	0.16	ppbv	93
37) 1,2-Dichloroethane	6.30	62	2272	0.03	ppbv #	80
38) Trichloroethene	7.83	130	11355	0.16	ppbv	94
39) 1,2-Dichloropropane	7.16	63	507325	7.73	ppbv #	28
41) Tetrahydrofuran	6.05	42	20749	0.32	ppbv #	43
44) 2,2,4-Trimethylpentane	7.86	57	73682	0.26	ppbv #	81
50) 4-Methyl-2-Pentanone	8.75	43	12309	0.08	ppbv	95
52) Tetrachloroethene	11.21	164	426592	6.94	ppbv	95
53) Toluene	9.79	91	1372401	7.61	ppbv	100
58) Ethyl Benzene	12.70	91	32729	0.14	ppbv	97
59) m/p-Xylene	12.98	91	5019	0.03	ppbv #	30
60) o-Xylene	13.68	91	15682	0.08	ppbv #	48
61) Styrene	13.52	104	11910	0.12	ppbv #	84
74) 1,2,4-Trimethylbenzene	16.75	105	19057	0.09	ppbv #	73

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

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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





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 22 Mar 2022 1:59

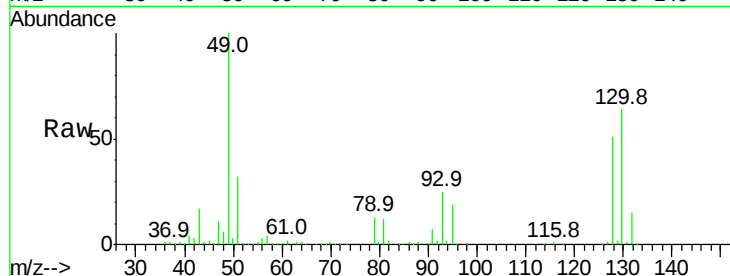
Tgt Ion: 49 Resp: 870176

Ion Ratio Lower Upper

49 100

128 51.0 26.2 78.6

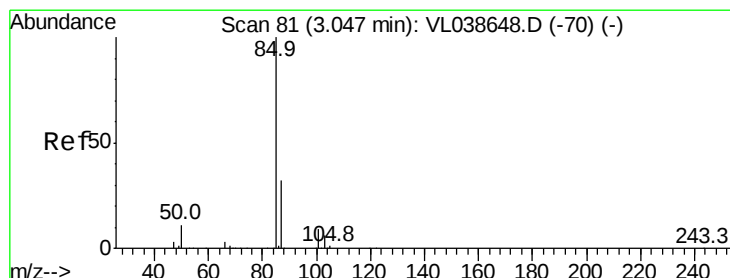
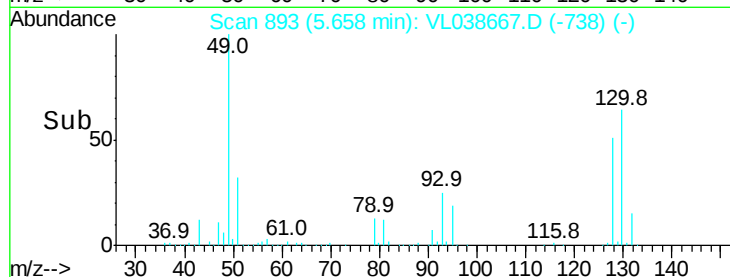
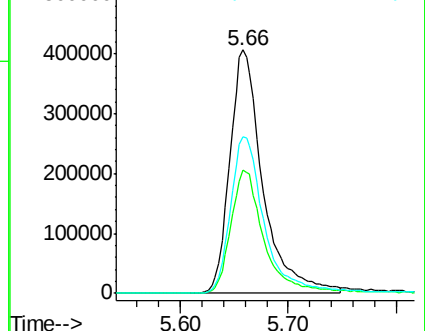
130 67.1 33.7 101.1



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: 3.05 min Scan# 82

Delta R.T. 0.00 min

Lab File: VL038667.D

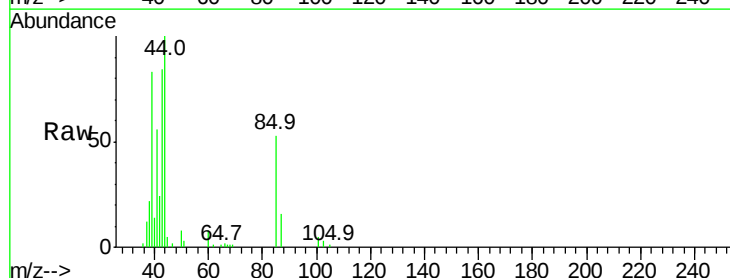
Acq: 22 Mar 2022 1:59

Tgt Ion: 85 Resp: 25752

Ion Ratio Lower Upper

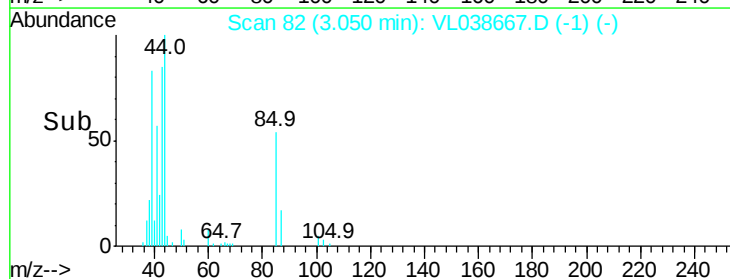
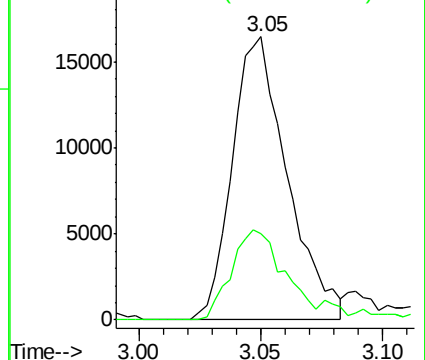
85 100

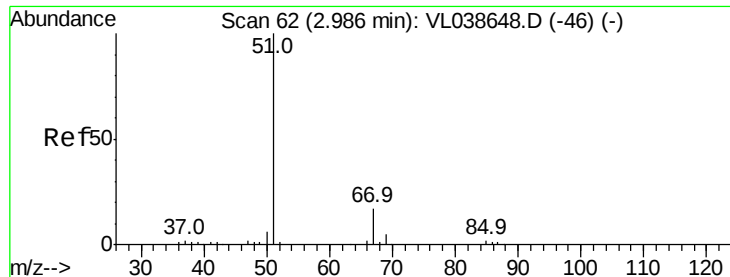
87 30.7 26.0 39.0



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.51 ppbv

RT: 2.99 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: COP81

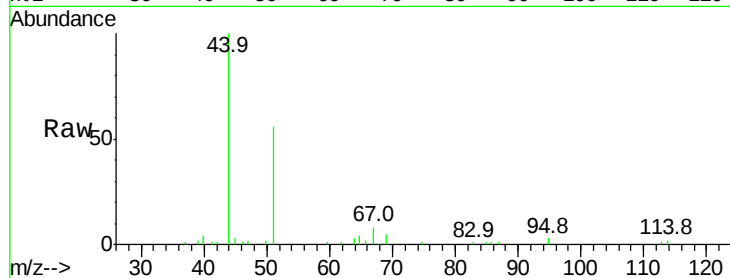
Acq: 22 Mar 2022 1:59

Tgt Ion: 51 Resp: 47157

Ion Ratio Lower Upper

51 100

67 10.6 14.1 21.1#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

2.99

20000

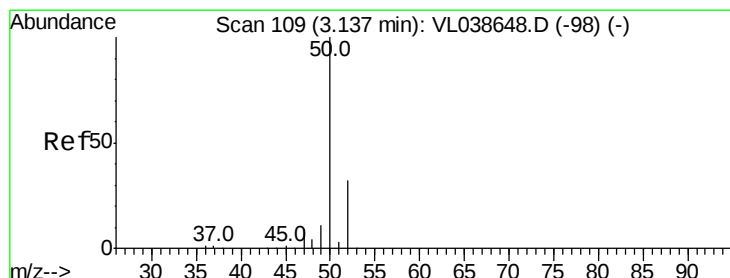
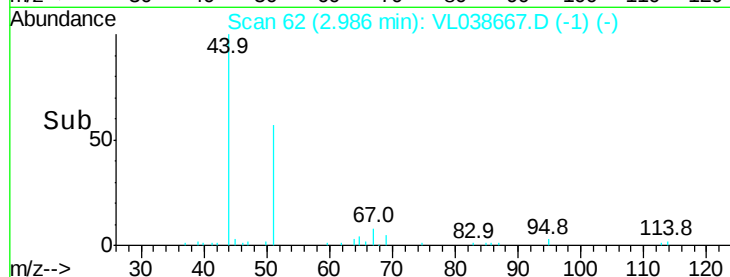
15000

10000

5000

0

Time--> 2.80 2.90 3.00 3.10



#4

Chloromethane

Concen: 0.41 ppbv

RT: 3.14 min Scan# 109

Delta R.T. -0.00 min

Lab File: VL038667.D

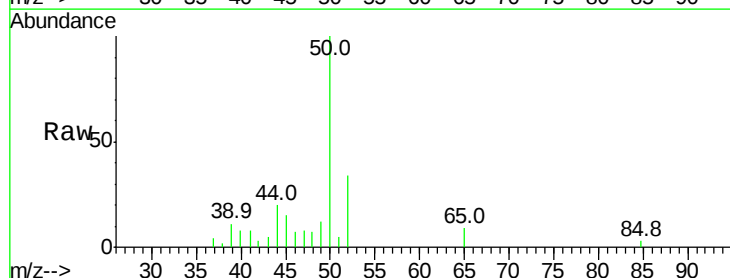
Acq: 22 Mar 2022 1:59

Tgt Ion: 50 Resp: 20512

Ion Ratio Lower Upper

50 100

52 33.7 25.5 38.3



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

3.14

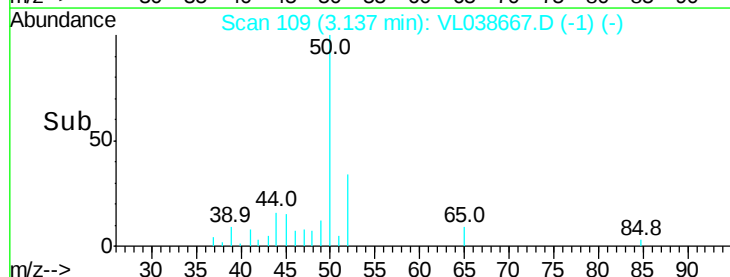
15000

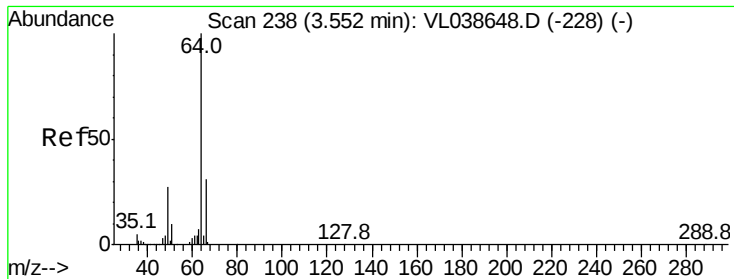
10000

5000

0

Time--> 3.10 3.15 3.20





#7

Chloroethane

Concen: 0.12 ppbv

RT: 3.56 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: COP81

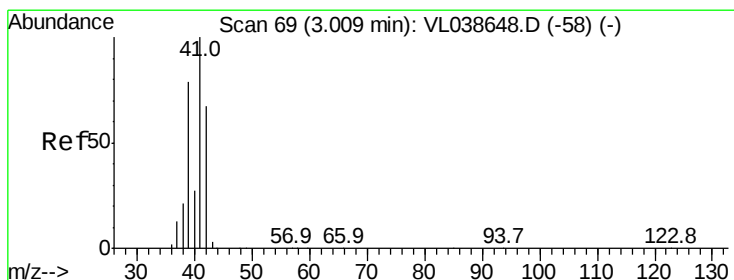
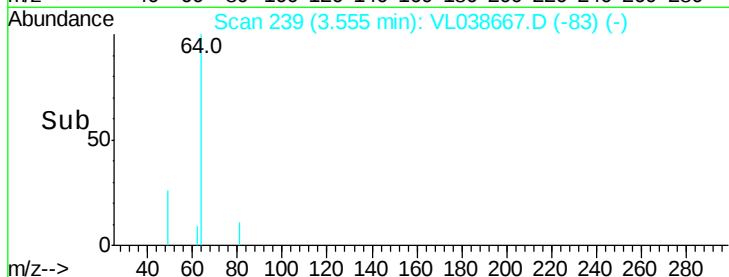
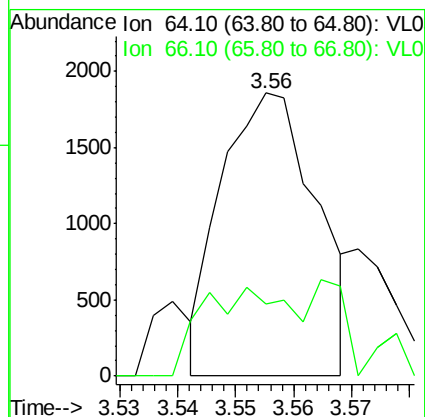
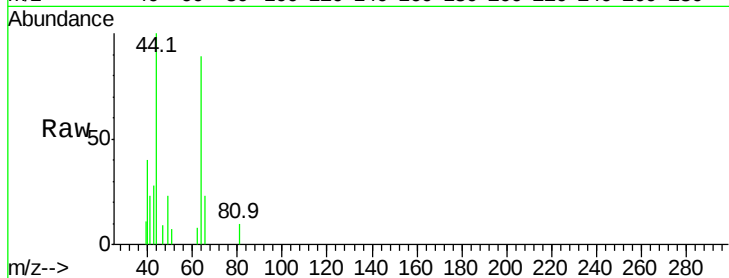
Acq: 22 Mar 2022 1:59

Tgt Ion: 64 Resp: 2115

Ion Ratio Lower Upper

64 100

66 25.4 25.0 37.6



#9

Propene

Concen: 4.47 ppbv

RT: 3.02 min Scan# 73

Delta R.T. 0.01 min

Lab File: VL038667.D

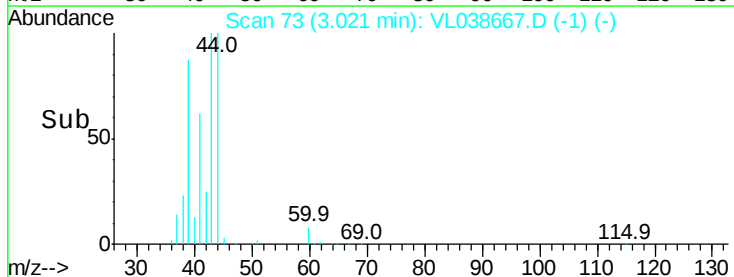
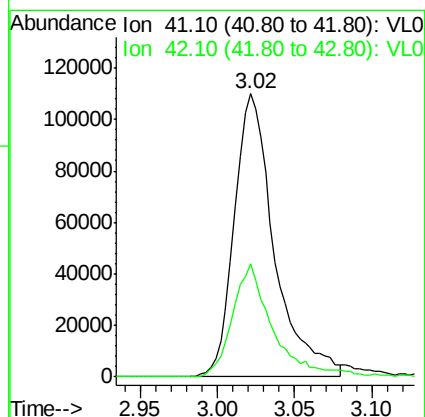
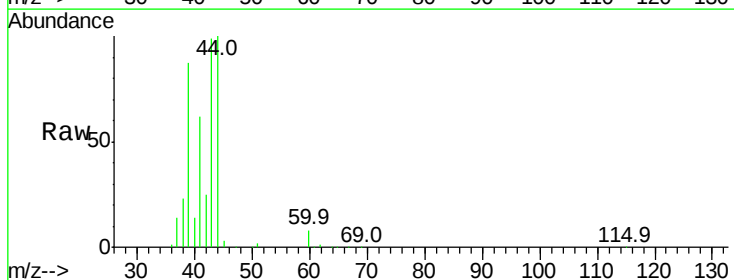
Acq: 22 Mar 2022 1:59

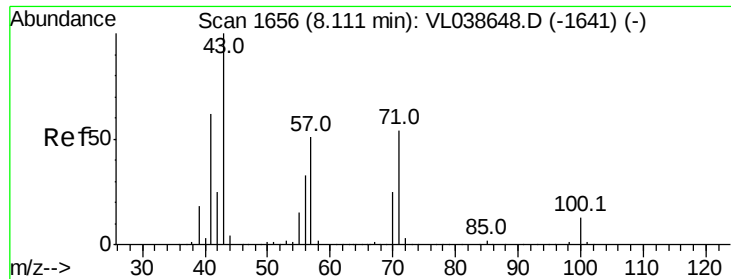
Tgt Ion: 41 Resp: 198465

Ion Ratio Lower Upper

41 100

42 40.7 56.2 84.4#





#10

Heptane

Concen: 0.02 ppbv

RT: 8.11 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

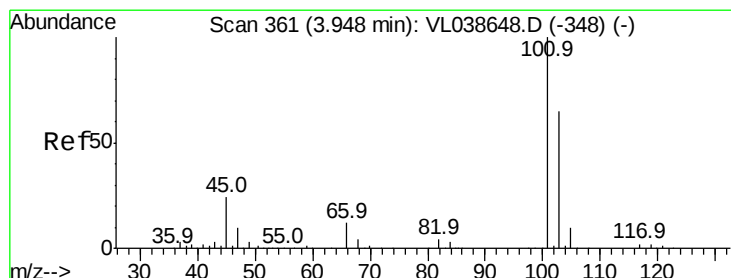
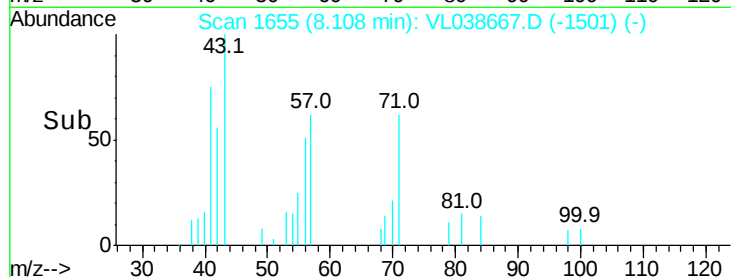
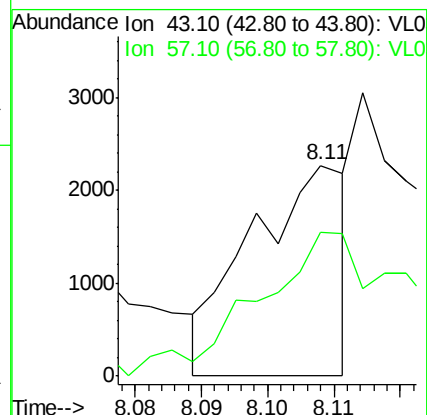
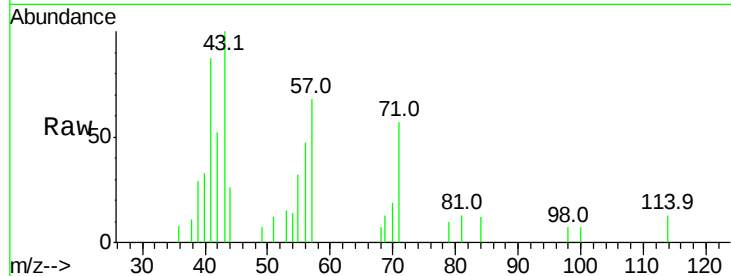
Acq: 22 Mar 2022 1:59

Tgt Ion: 43 Resp: 2272

Ion Ratio Lower Upper

43 100

57 134.5 41.4 62.2#



#11

Trichlorofluoromethane

Concen: 0.11 ppbv

RT: 3.95 min Scan# 362

Delta R.T. 0.00 min

Lab File: VL038667.D

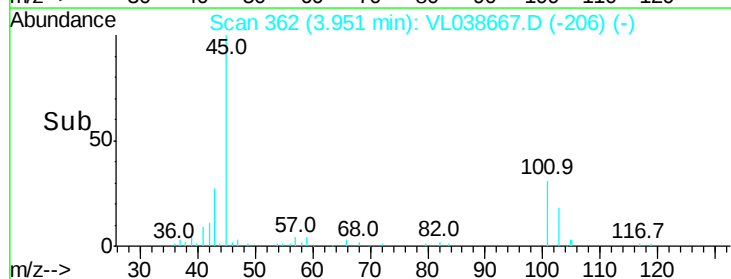
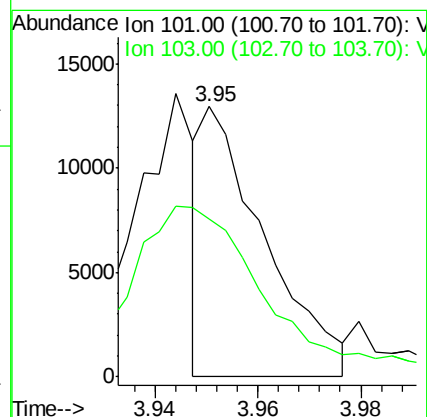
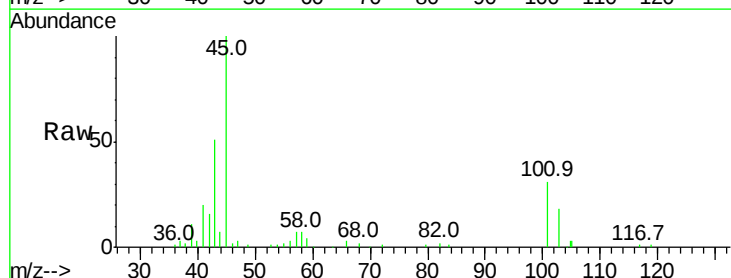
Acq: 22 Mar 2022 1:59

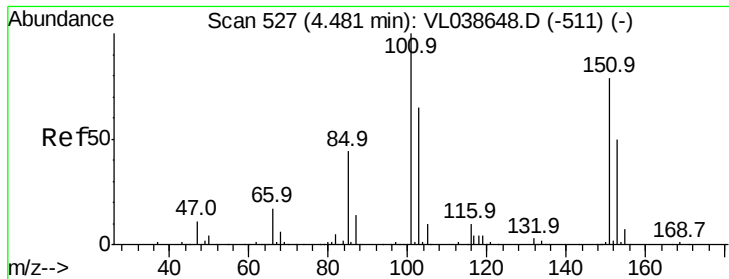
Tgt Ion: 101 Resp: 10911

Ion Ratio Lower Upper

101 100

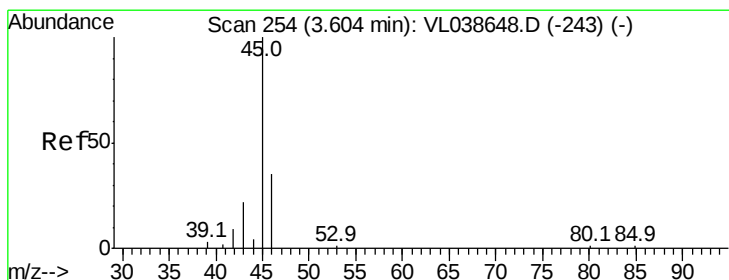
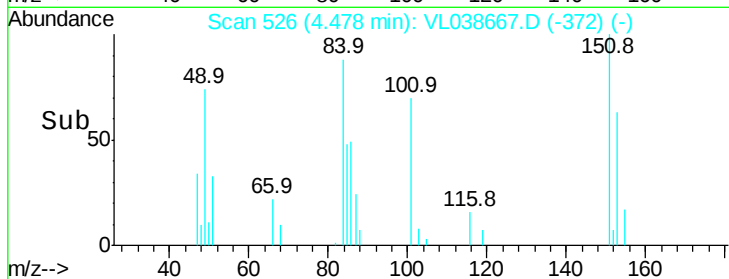
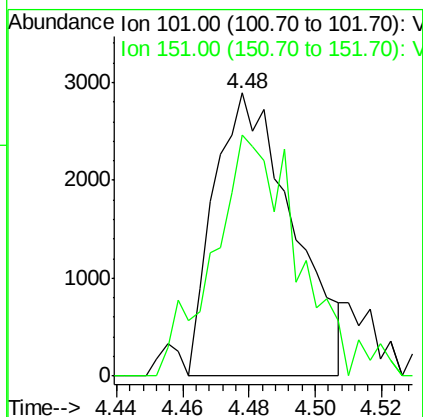
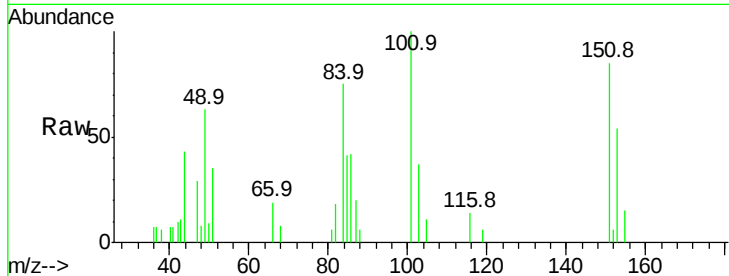
103 57.4 51.9 77.9





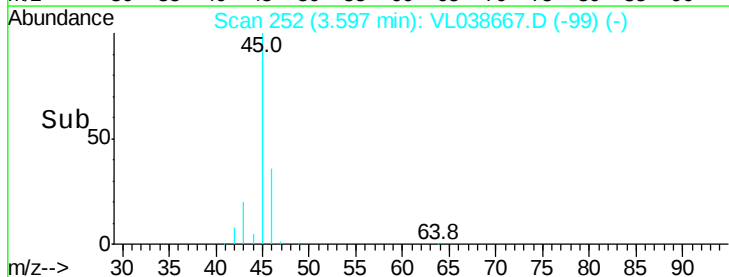
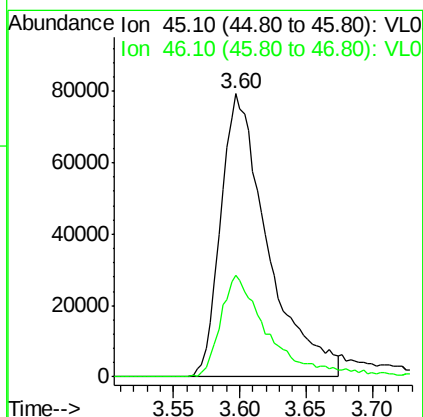
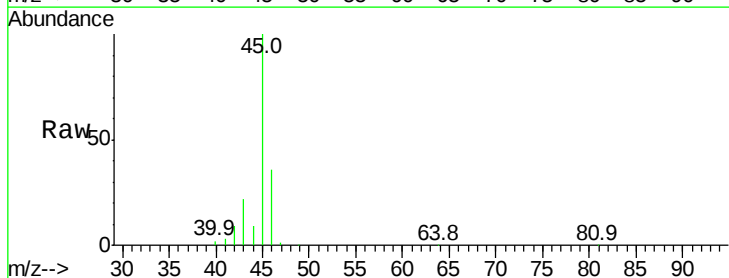
#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.06 ppbv
 RT: 4.48
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 22 Mar 2022 1:59

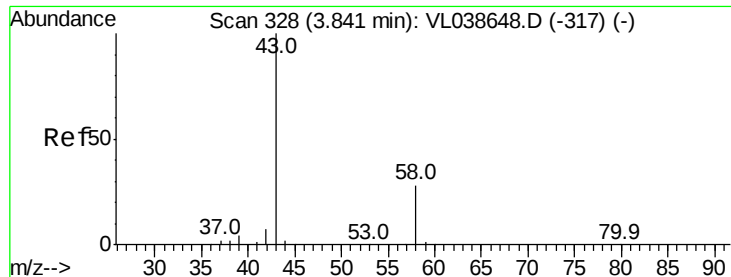
Tgt Ion: 101 Resp: 4769
 Ion Ratio Lower Upper
 101 100
 151 92.9 62.9 94.3



#13
 Ethanol
 Concen: 40.06 ppbv
 RT: 3.60 min Scan# 252
 Delta R.T. -0.01 min
 Lab File: VL038667.D
 Acq: 22 Mar 2022 1:59

Tgt Ion: 45 Resp: 196059
 Ion Ratio Lower Upper
 45 100
 46 36.9 15.1 60.5





#15

Acetone

Concen: 4.17 ppbv

RT: 3.84

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

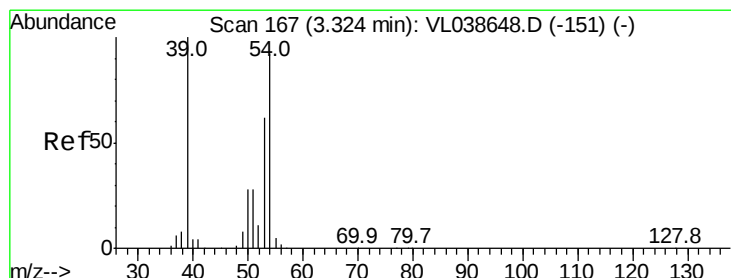
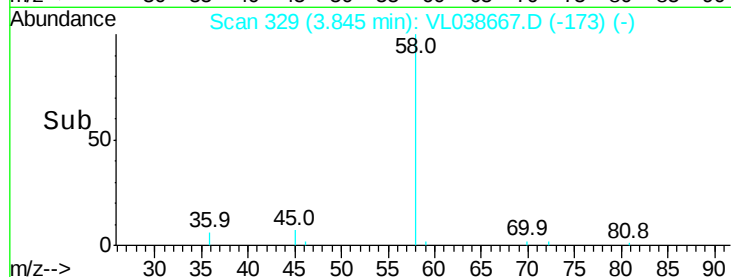
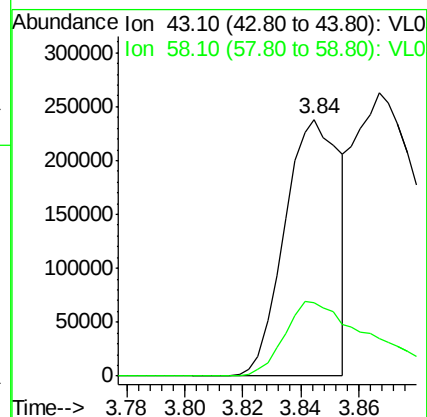
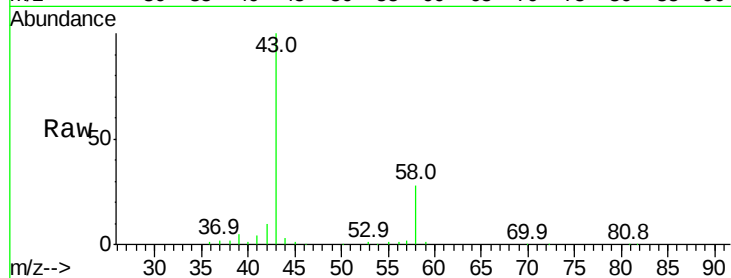
Acq: 22 Mar 2022 1:59

Tgt Ion: 43 Resp: 313424

Ion Ratio Lower Upper

43 100

58 51.4 23.3 34.9#



#16

1,3-Butadiene

Concen: 0.62 ppbv

RT: 3.31 min Scan# 162

Delta R.T. -0.02 min

Lab File: VL038667.D

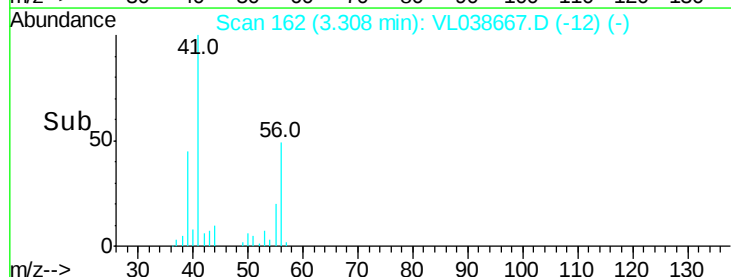
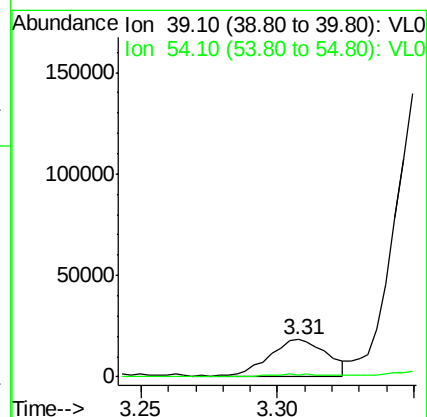
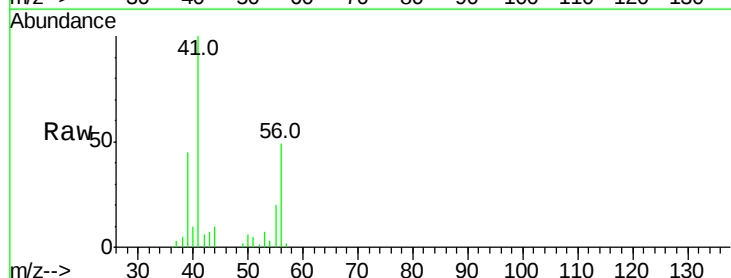
Acq: 22 Mar 2022 1:59

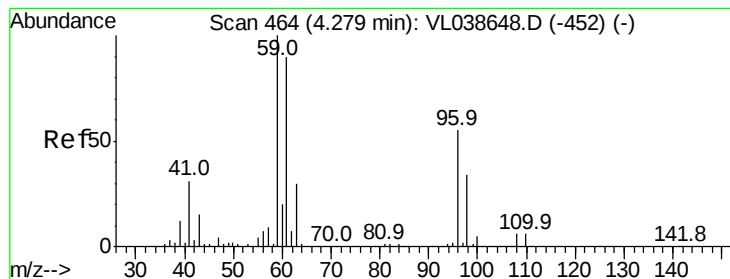
Tgt Ion: 39 Resp: 26357

Ion Ratio Lower Upper

39 100

54 7.8 69.1 103.7#





#17

tert-Butyl alcohol

Concen: 0.50 ppbv

RT: 4.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

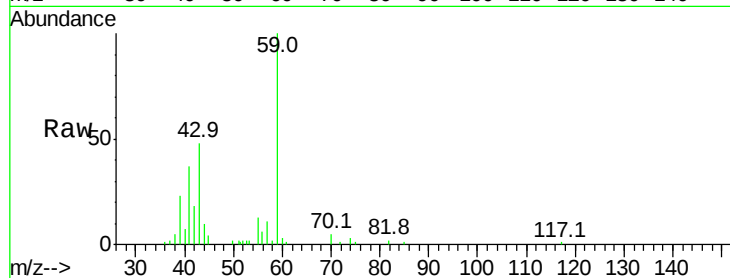
Acq: 22 Mar 2022 1:59

Tgt Ion: 59 Resp: 32739

Ion Ratio Lower Upper

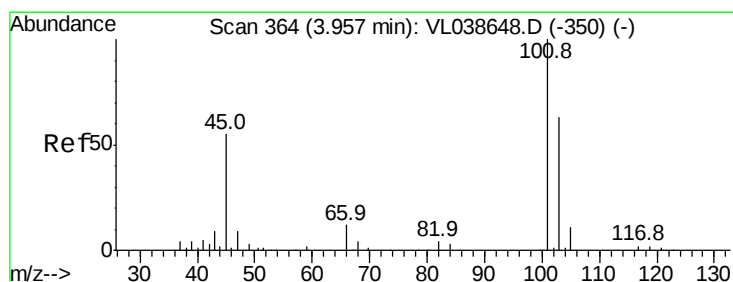
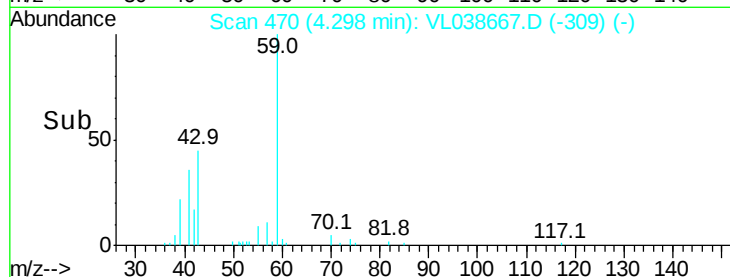
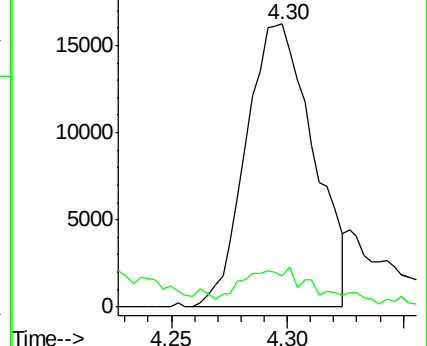
59 100

57 0.0 8.2 12.2#



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#19

Isopropyl Alcohol

Concen: 4.88 ppbv

RT: 3.96 min Scan# 366

Delta R.T. 0.01 min

Lab File: VL038667.D

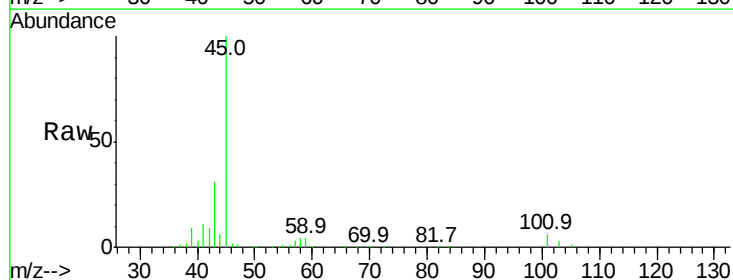
Acq: 22 Mar 2022 1:59

Tgt Ion: 45 Resp: 202957

Ion Ratio Lower Upper

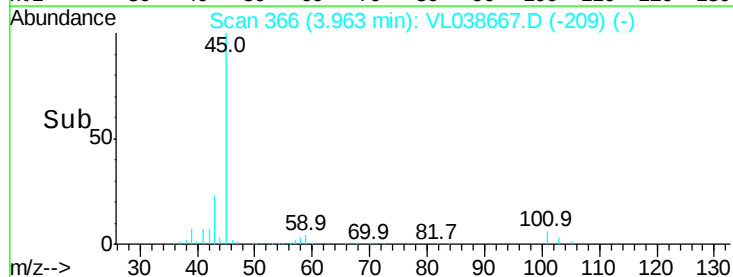
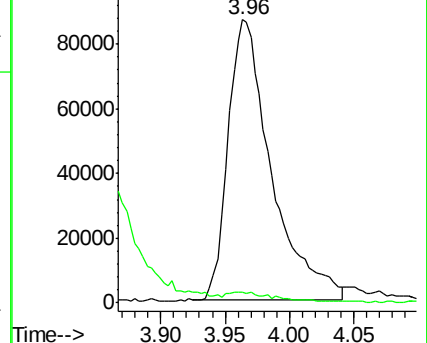
45 100

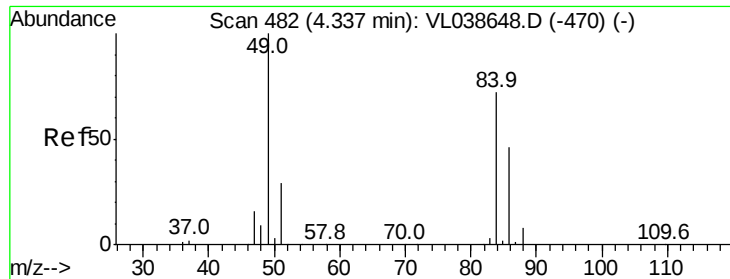
58 4.1 2.3 3.5#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#20

Methylene Chloride

Concen: 12.37 ppbv

RT: 4.34 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: COP81

Acq: 22 Mar 2022 1:59

Tgt Ion: 84 Resp: 391057

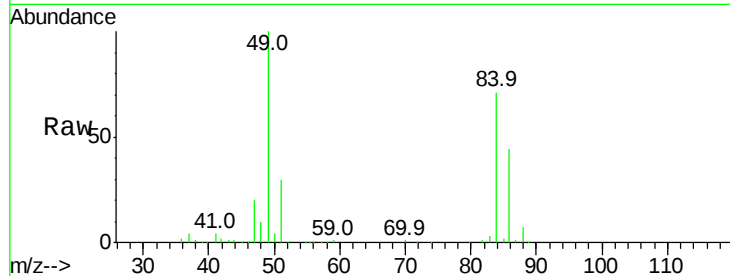
Ion Ratio Lower Upper

84 100

49 141.1 111.2 166.8

51 42.5 32.8 49.2

86 62.1 51.4 77.0

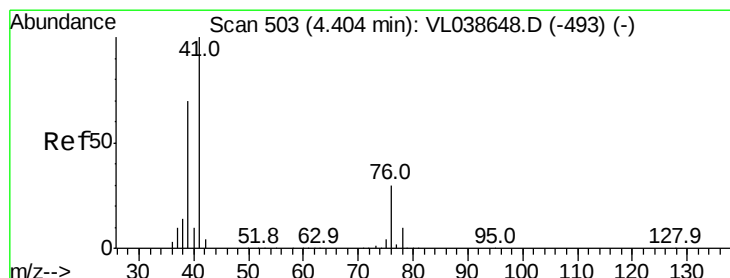
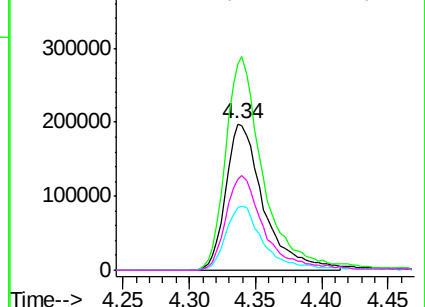
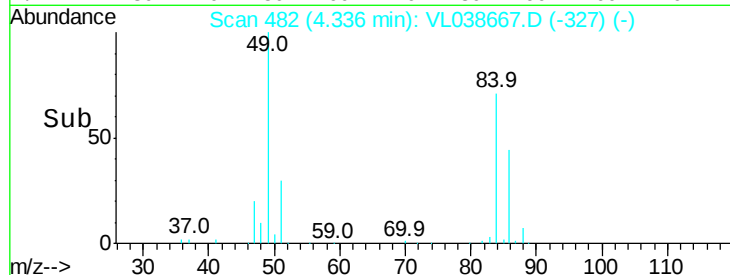


Abundance Ion 84.00 (83.70 to 84.70): VL0

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



#21

Allyl Chloride

Concen: 0.49 ppbv

RT: 4.59 min Scan# 560

Delta R.T. 0.18 min

Lab File: VL038667.D

Acq: 22 Mar 2022 1:59

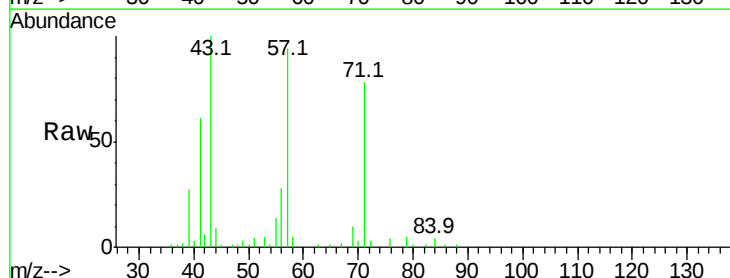
Tgt Ion: 41 Resp: 26471

Ion Ratio Lower Upper

41 100

76 62.3 25.0 37.6#

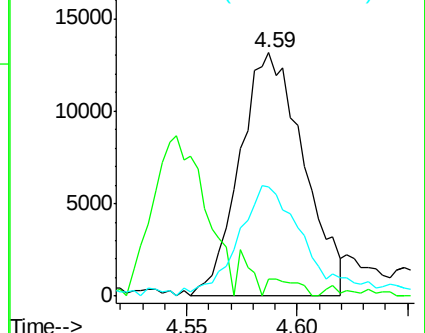
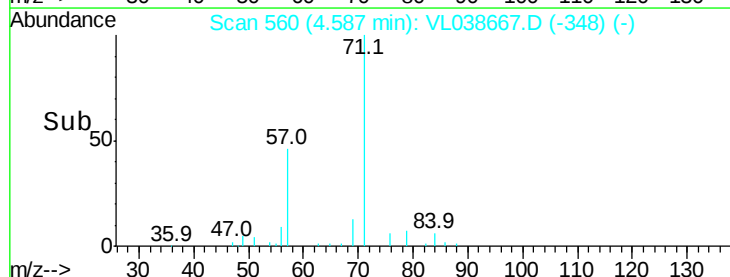
39 0.0 56.6 85.0#

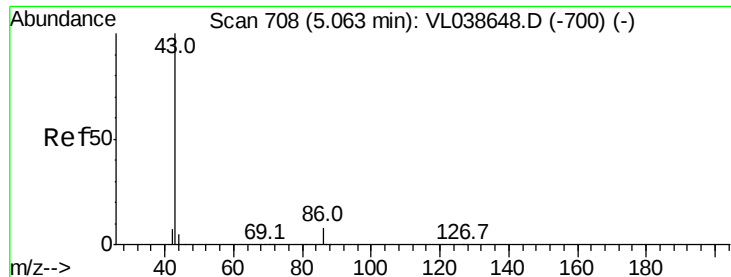


Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0





#23

Vinyl Acetate

Concen: 1.89 ppbv

RT: 5.05 Instrument: MSVOA_1

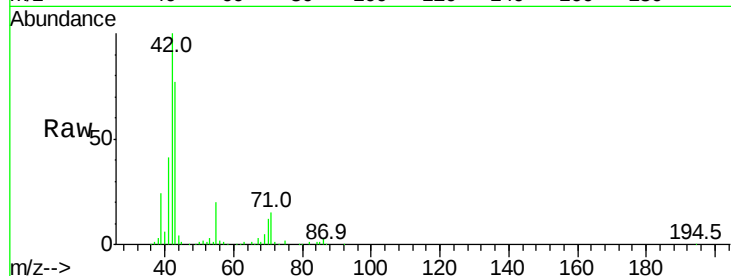
Delta R.T. 0.01

Lab File: ClientSampleId: C0P81

Acq: 22 Mar 2022 1:59

Tgt Ion: 43 Resp: 137470

Ion	Ratio	Lower	Upper
43	100		
86	3.8	5.6	8.4#
42	129.3	6.8	10.2#
44	4.6	4.2	6.2

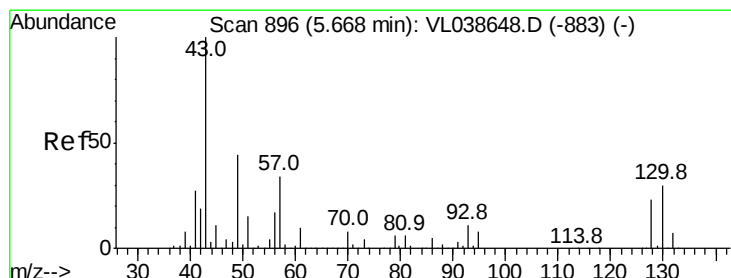
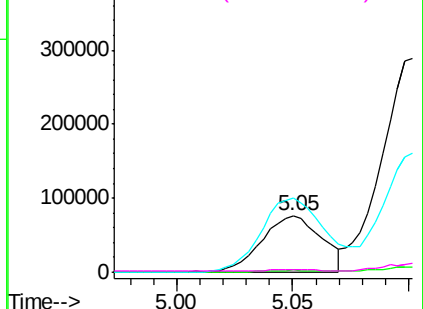
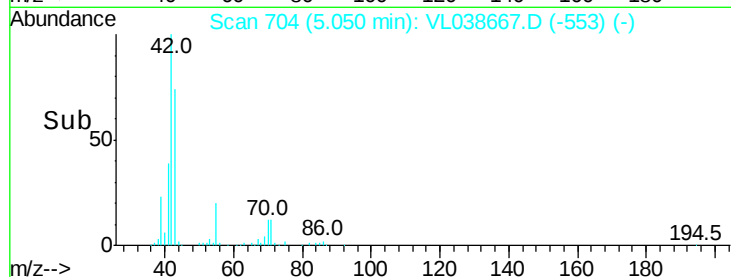


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#25

Ethyl Acetate

Concen: 1.55 ppbv

RT: 5.67 min Scan# 898

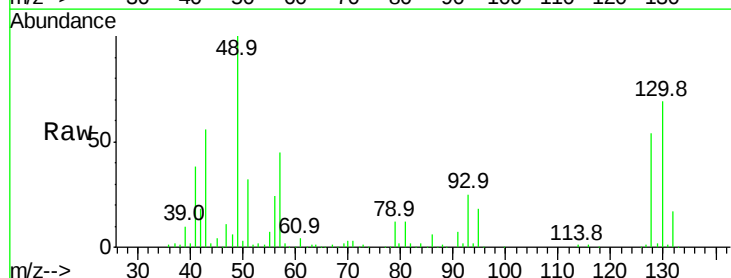
Delta R.T. 0.01 min

Lab File: VL038667.D

Acq: 22 Mar 2022 1:59

Tgt Ion: 43 Resp: 292120

Ion	Ratio	Lower	Upper
43	100		
45	8.5	8.2	12.4
61	7.7	8.3	12.5#
70	5.7	5.6	8.4

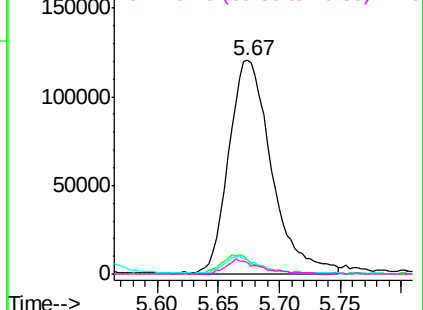
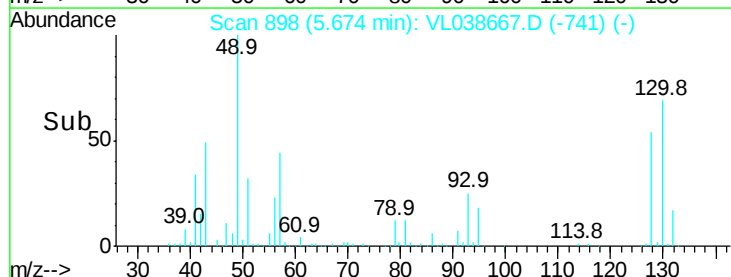


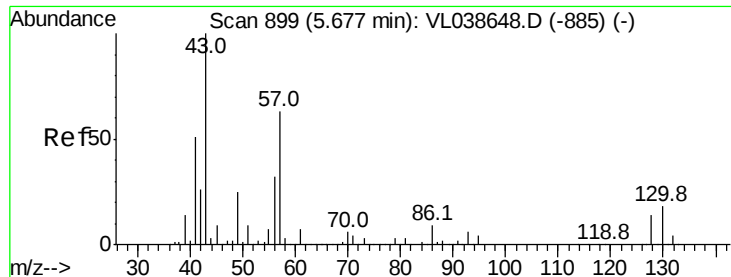
Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 2.56 ppbv

RT: 5.68 Instrument:

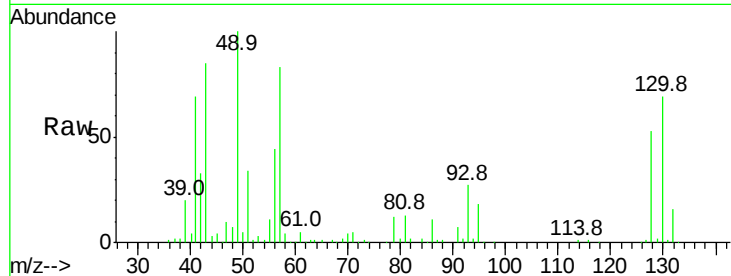
Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 22 Mar 2022 1:59

Tgt Ion: 57 Resp: 216267

Ion	Ratio	Lower	Upper
57	100		
41	87.3	67.0	100.4
43	140.3	184.2	276.2#
56	55.8	42.6	64.0

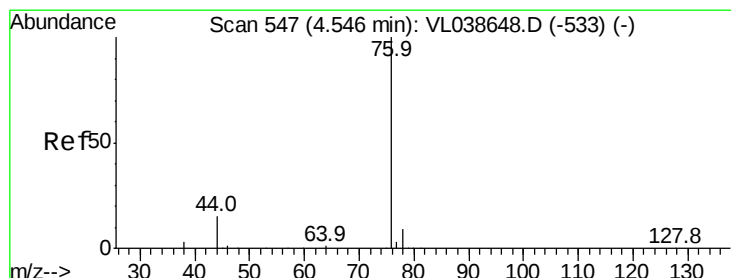
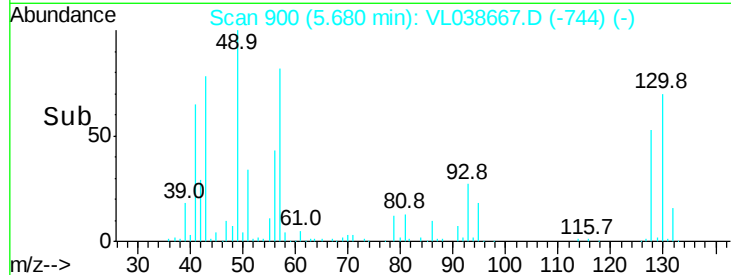
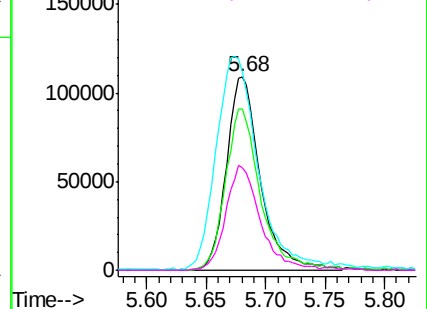


Abundance Ion 57.10 (56.80 to 57.80): VL0

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: 0.20 ppbv

RT: 4.55 min Scan# 547

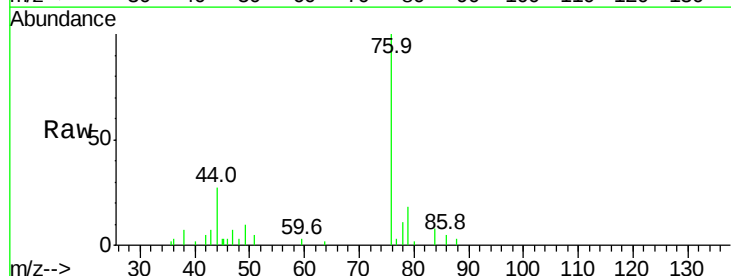
Delta R.T. -0.00 min

Lab File: VL038667.D

Acq: 22 Mar 2022 1:59

Tgt Ion: 76 Resp: 16936

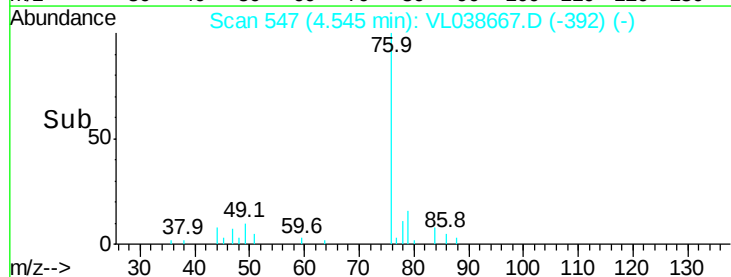
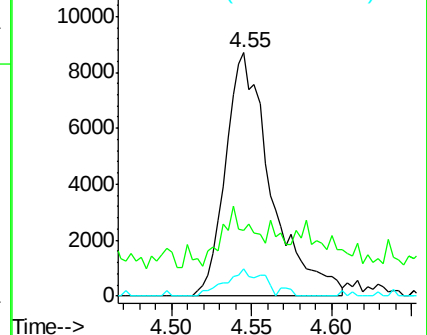
Ion	Ratio	Lower	Upper
76	100		
44	21.7	12.4	18.6#
78	9.7	7.8	11.8

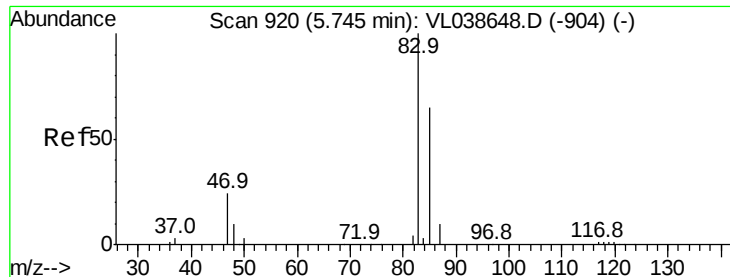


Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

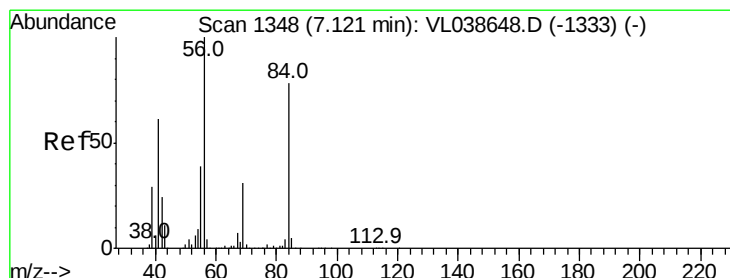
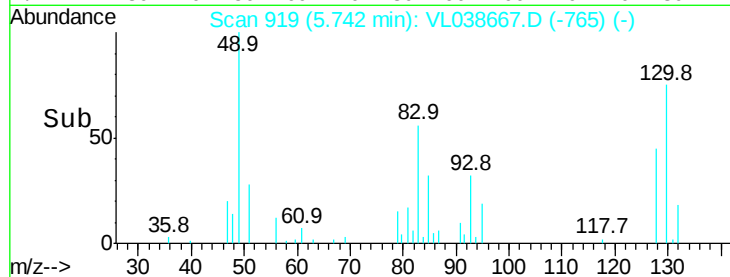
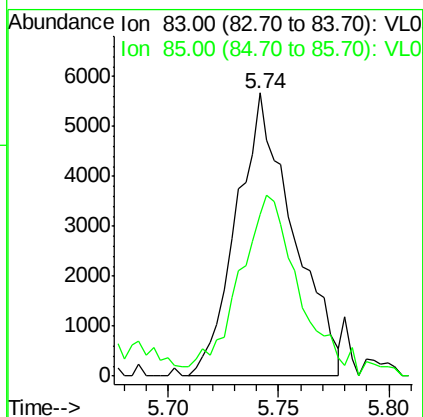
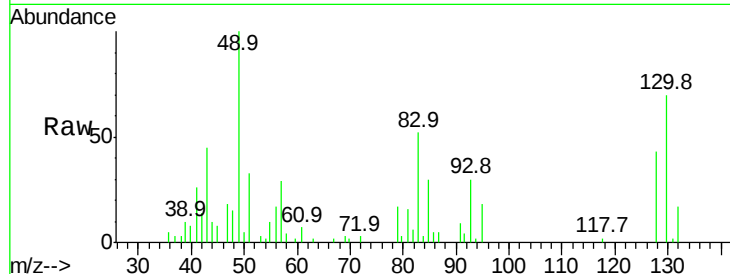
Ion 78.00 (77.70 to 78.70): VL0





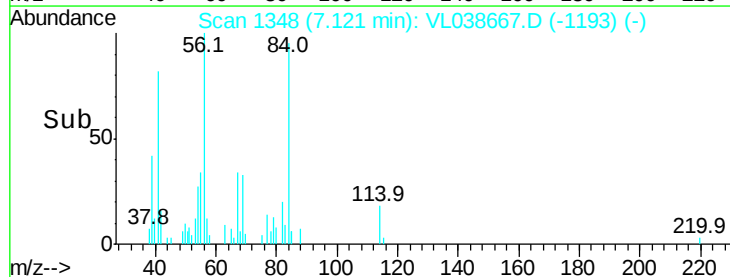
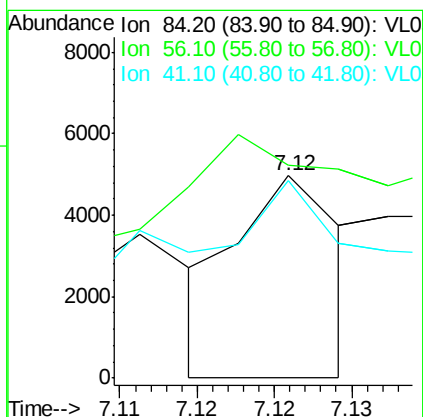
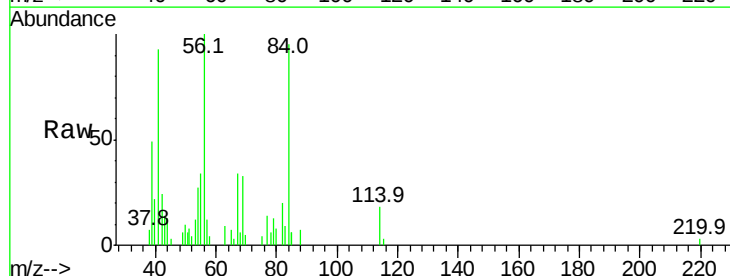
#29
Chloroform
Concen: 0.07 ppbv
RT: 5.74
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 22 Mar 2022 1:59

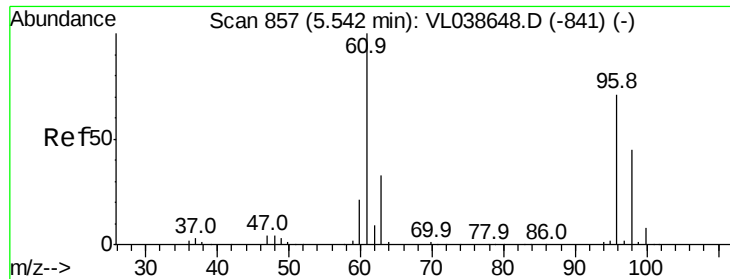
Tgt Ion: 83 Resp: 10149
Ion Ratio Lower Upper
83 100
85 53.6 51.7 77.5



#30
Cyclohexane
Concen: 0.03 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. -0.00 min
Lab File: VL038667.D
Acq: 22 Mar 2022 1:59

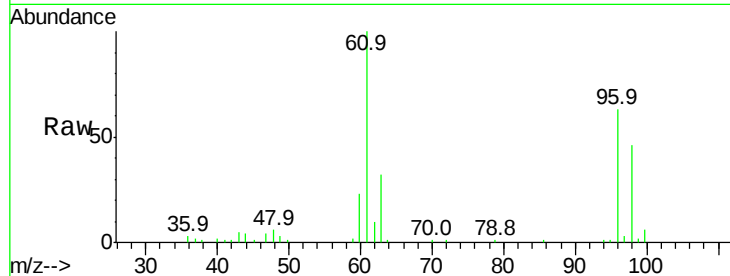
Tgt Ion: 84 Resp: 2323
Ion Ratio Lower Upper
84 100
56 0.0 108.2 162.4#
41 465.0 61.8 92.6#



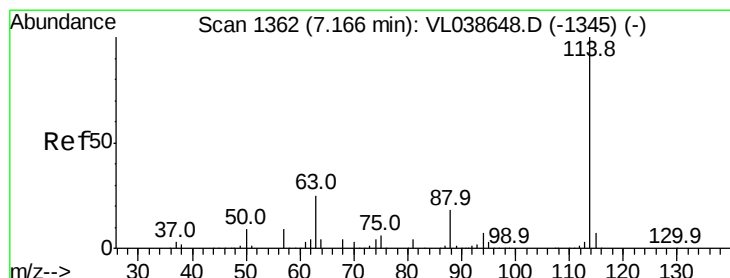
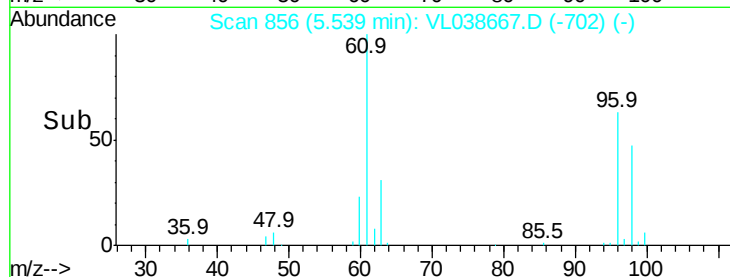
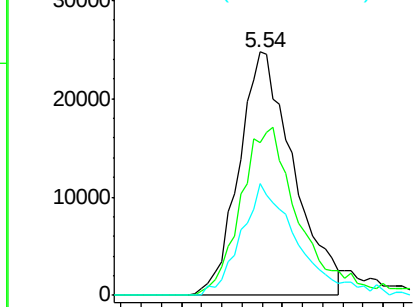


#31
 cis-1,2-Dichloroethene
 Concen: 0.59 ppbv
 RT: 5.54
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 22 Mar 2022 1:59

Tgt Ion: 61 Resp: 46668
 Ion Ratio Lower Upper
 61 100
 96 62.6 56.6 84.8
 98 46.2 36.3 54.5

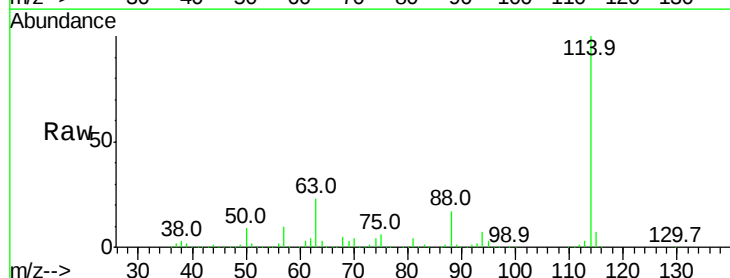


Abundance Ion 61.10 (60.80 to 61.80): VL0
 Ion 96.00 (95.70 to 96.70): VL0
 Ion 98.00 (97.70 to 98.70): VL0

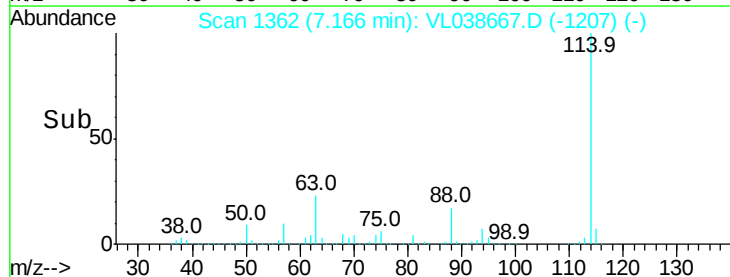
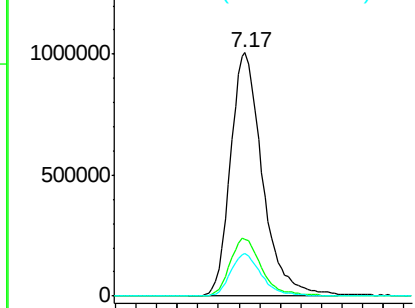


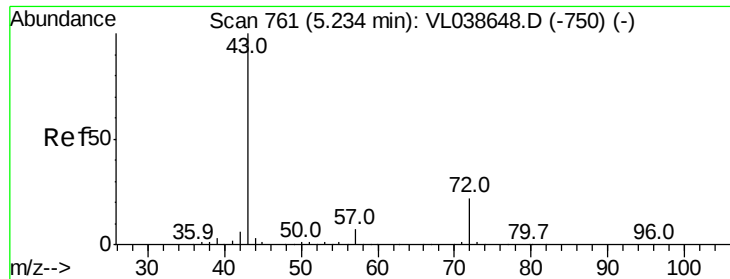
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VL038667.D
 Acq: 22 Mar 2022 1:59

Tgt Ion: 114 Resp: 2176004
 Ion Ratio Lower Upper
 114 100
 63 23.9 19.4 29.0
 88 17.2 13.9 20.9



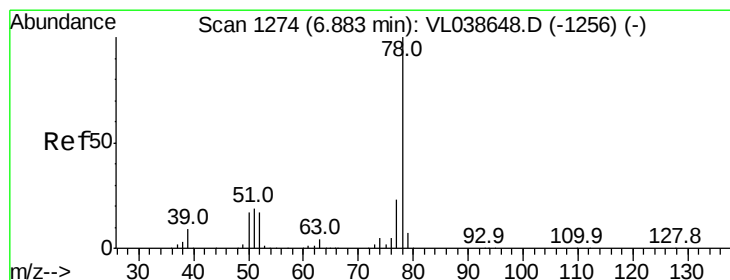
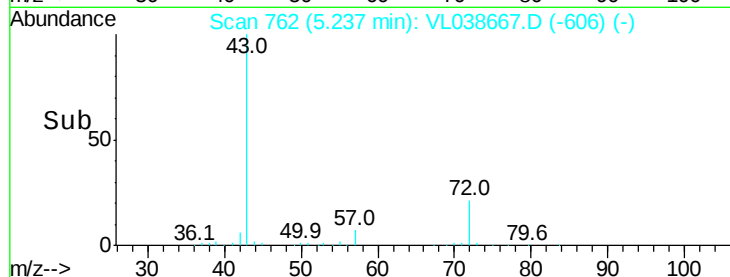
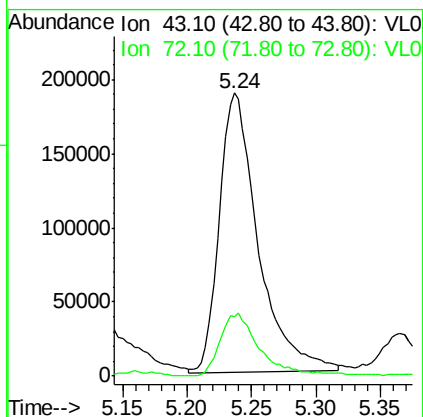
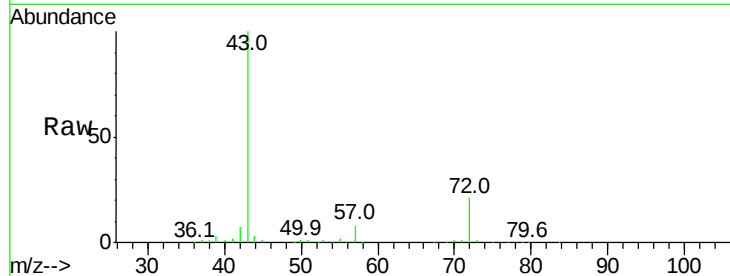
Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0





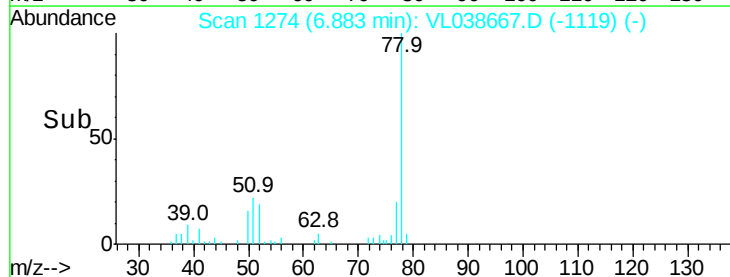
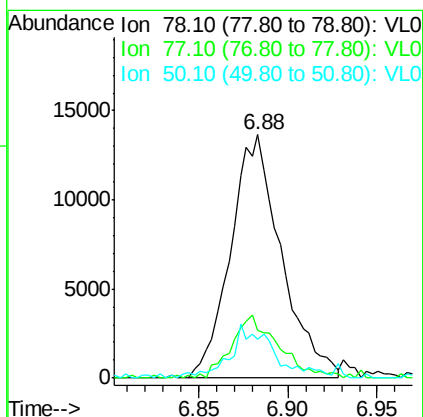
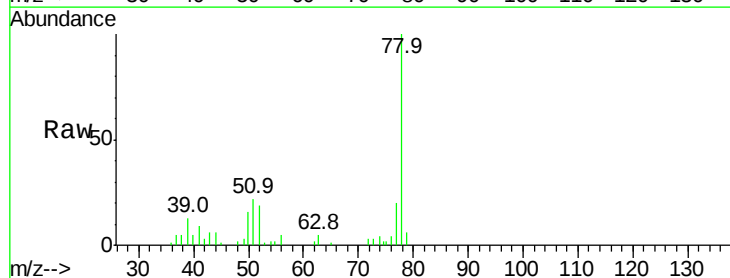
#34
 2-Butanone
 Concen: 4.58 ppbv
 RT: 5.24
 Delta R.T.: MSVOA_1
 Lab File: ClientSampleId :
 Acq: 22 Mar 2022 1:59

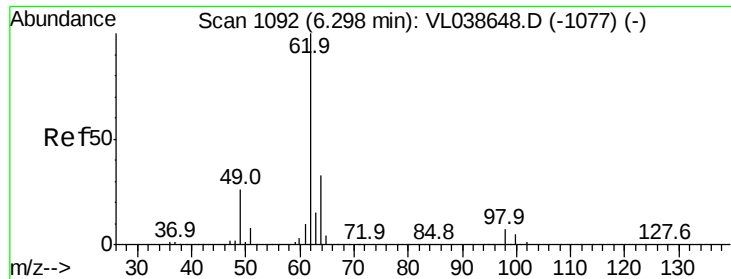
Tgt Ion: 43 Resp: 394614
 Ion Ratio Lower Upper
 43 100
 72 23.4 17.8 26.8



#36
 Benzene
 Concen: 0.16 ppbv
 RT: 6.88 min Scan# 1274
 Delta R.T.: -0.00 min
 Lab File: VL038667.D
 Acq: 22 Mar 2022 1:59

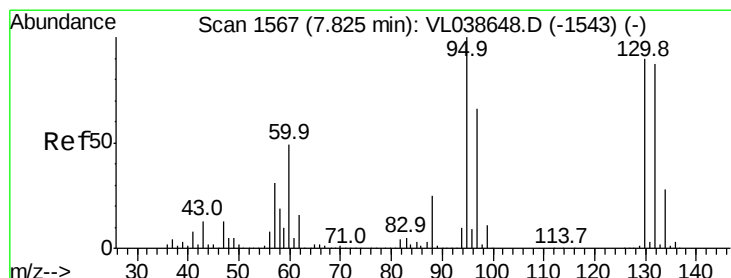
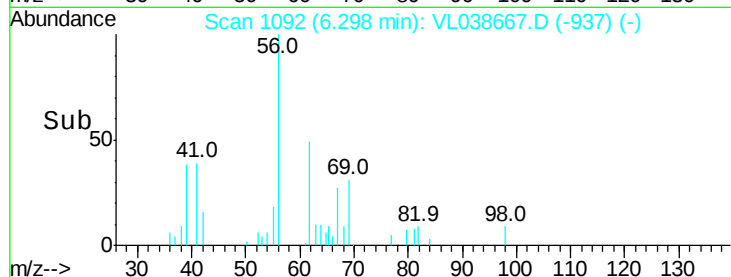
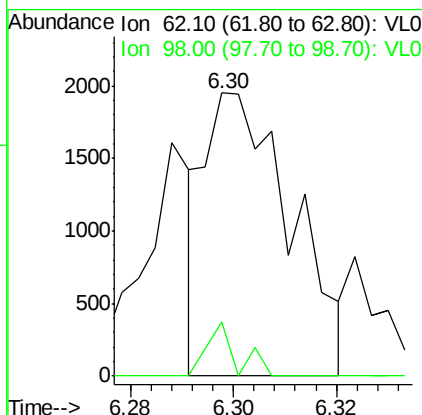
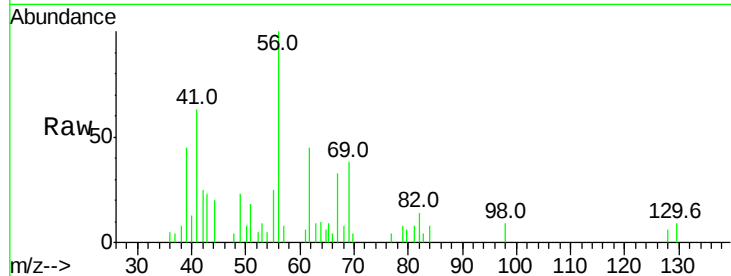
Tgt Ion: 78 Resp: 27141
 Ion Ratio Lower Upper
 78 100
 77 18.9 18.1 27.1
 50 14.4 13.6 20.4





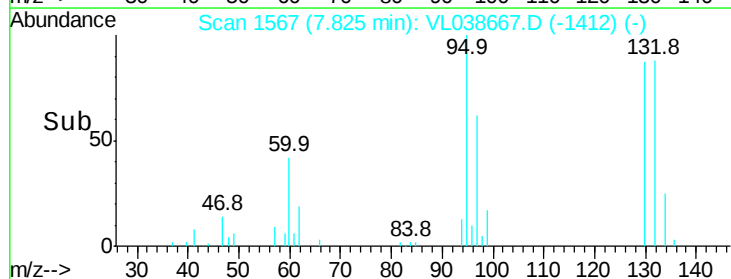
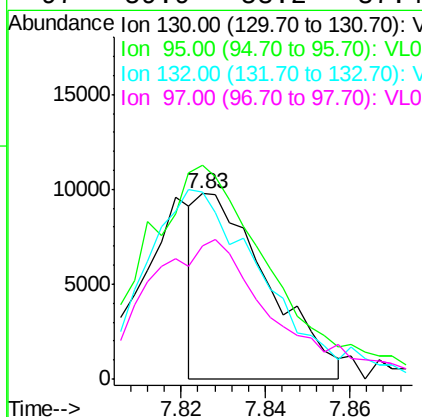
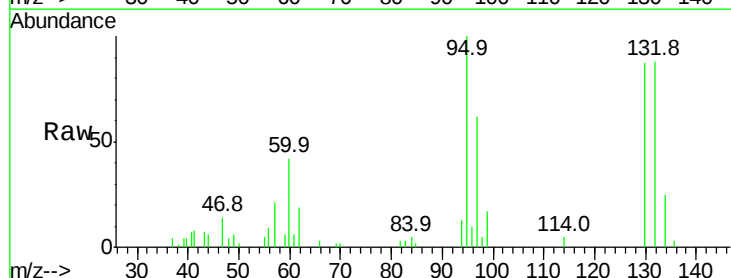
#37
 1,2-Dichloroethane
 Concen: 0.03 ppbv
 RT: 6.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 22 Mar 2022 1:59

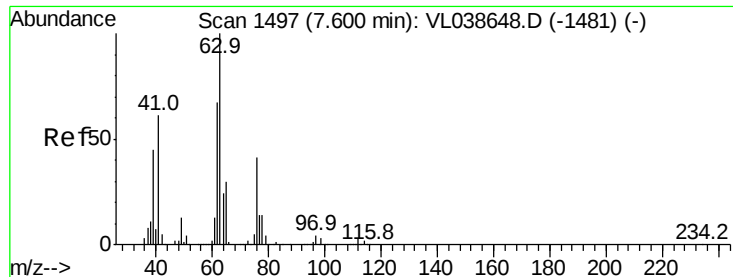
Tgt Ion: 62 Resp: 2272
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.6 8.4#



#38
 Trichloroethene
 Concen: 0.16 ppbv
 RT: 7.83 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VL038667.D
 Acq: 22 Mar 2022 1:59

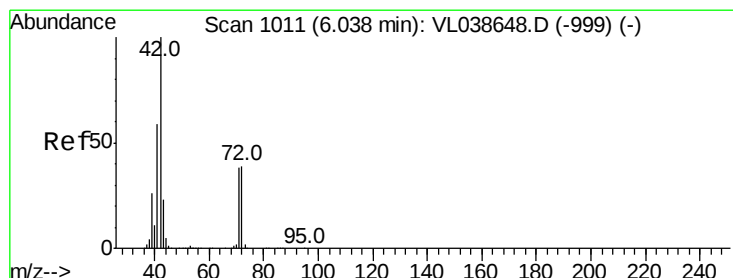
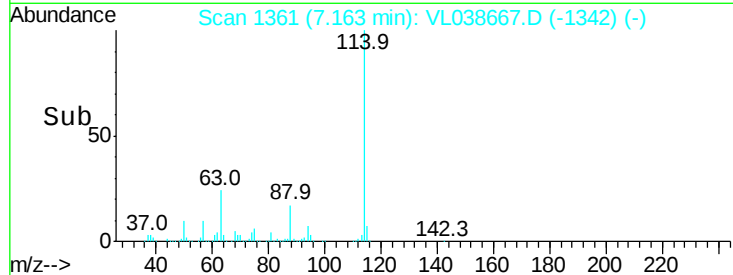
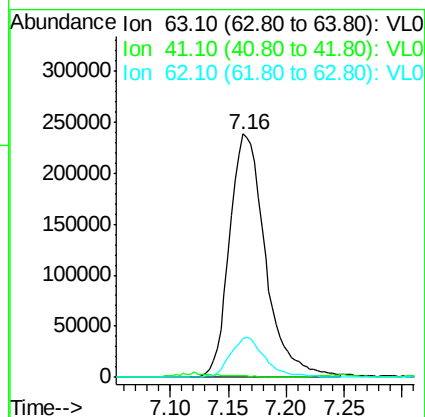
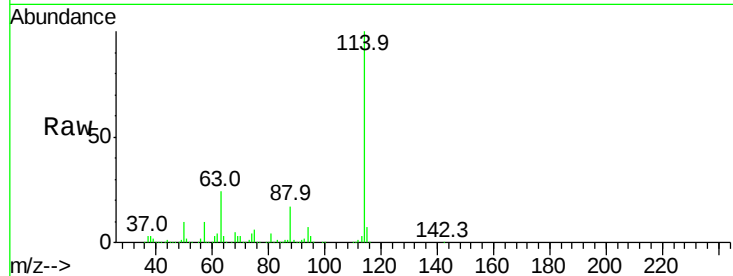
Tgt Ion:130 Resp: 11355
 Ion Ratio Lower Upper
 130 100
 95 110.2 88.9 133.3
 132 102.3 77.4 116.0
 97 59.9 58.2 87.4





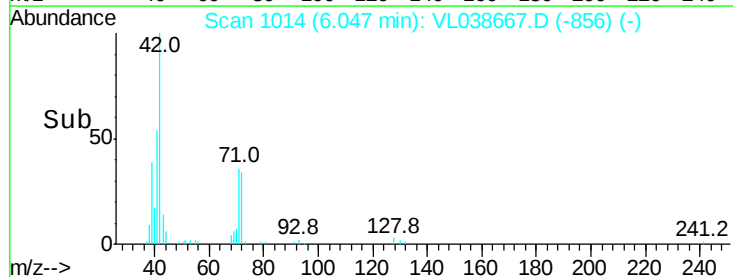
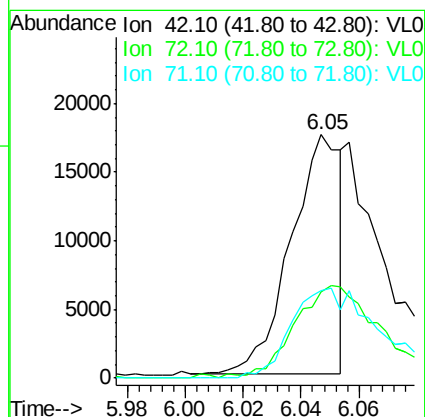
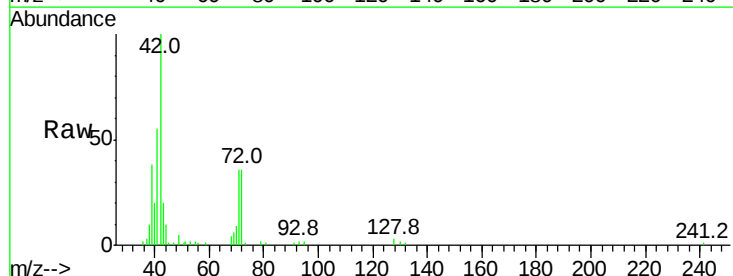
#39
 1,2-Dichloropropane
 Concen: 7.73 ppbv
 RT: 7.16
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 22 Mar 2022 1:59

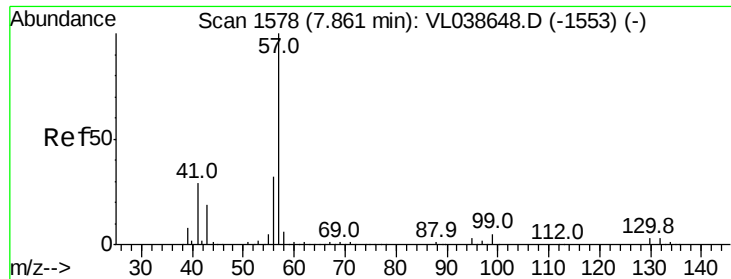
Tgt Ion: 63 Resp: 507325
 Ion Ratio Lower Upper
 63 100
 41 0.0 49.0 73.6#
 62 16.1 53.9 80.9#



#41
 Tetrahydrofuran
 Concen: 0.32 ppbv
 RT: 6.05 min Scan# 1014
 Delta R.T. 0.01 min
 Lab File: VL038667.D
 Acq: 22 Mar 2022 1:59

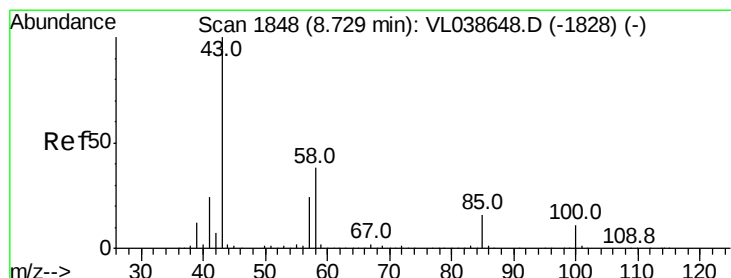
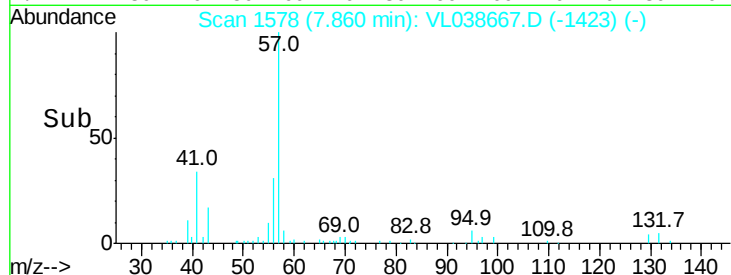
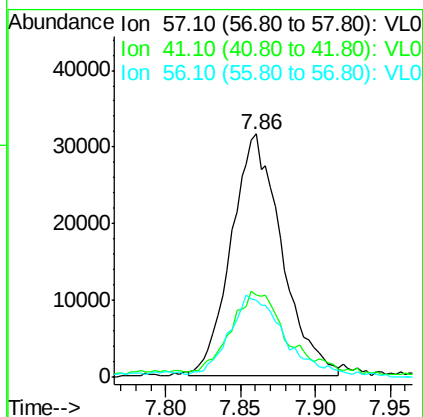
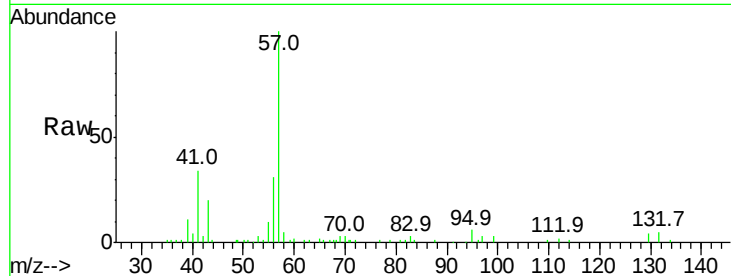
Tgt Ion: 42 Resp: 20749
 Ion Ratio Lower Upper
 42 100
 72 77.5 32.5 48.7#
 71 72.2 31.4 47.2#





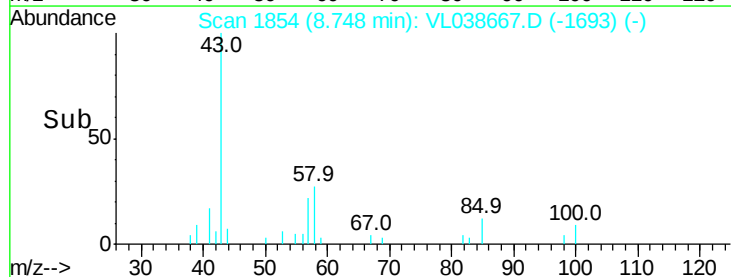
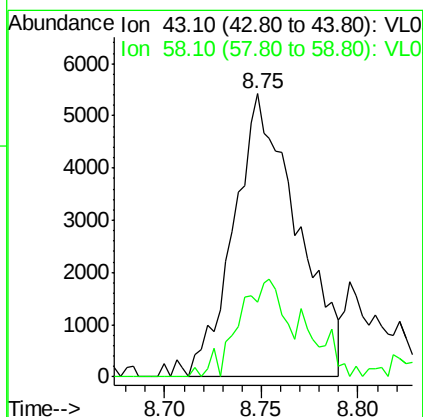
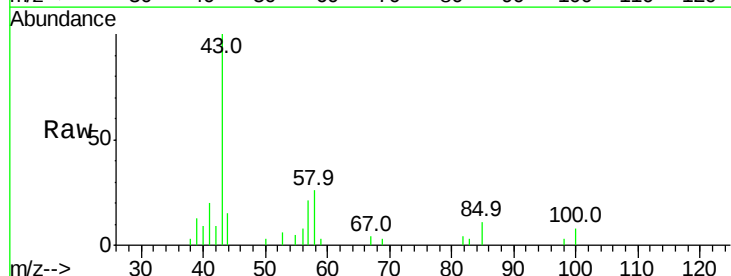
#44
 2,2,4-Trimethylpentane
 Concen: 0.26 ppbv
 RT: 7.86
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 22 Mar 2022 1:59

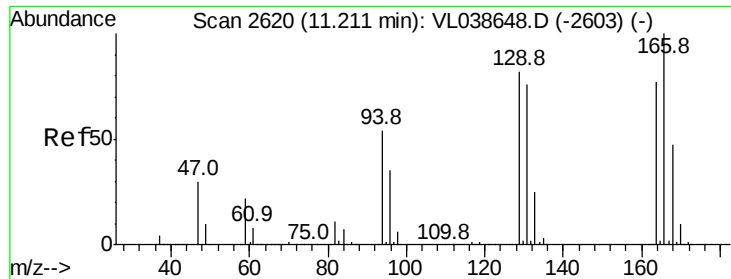
Tgt Ion: 57 Resp: 73682
 Ion Ratio Lower Upper
 57 100
 41 42.5 23.0 34.4#
 56 38.7 25.3 37.9#



#50
 4-Methyl-2-Pentanone
 Concen: 0.08 ppbv
 RT: 8.75 min Scan# 1854
 Delta R.T. 0.02 min
 Lab File: VL038667.D
 Acq: 22 Mar 2022 1:59

Tgt Ion: 43 Resp: 12309
 Ion Ratio Lower Upper
 43 100
 58 34.6 29.9 44.9





#52

Tetrachloroethene

Concen: 6.94 ppbv

RT: 11.21

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 22 Mar 2022 1:59

Tgt Ion:164 Resp: 426592

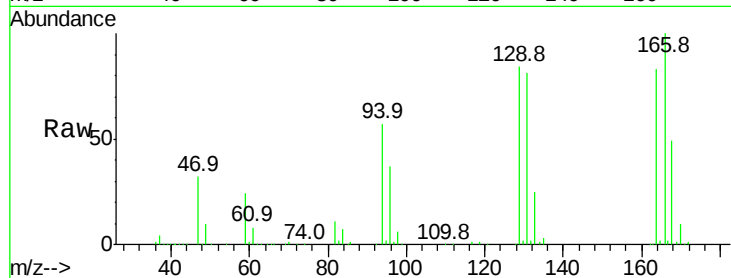
Ion Ratio Lower Upper

164 100

166 119.9 103.3 154.9

129 100.2 85.2 127.8

131 99.3 78.3 117.5

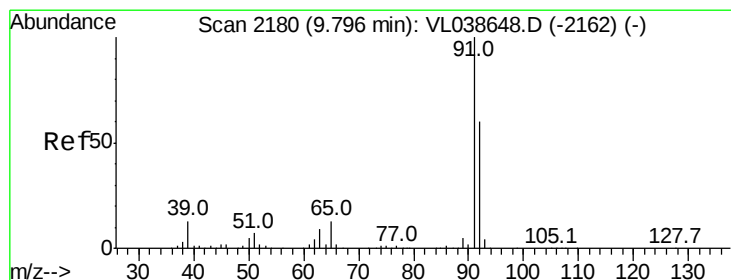
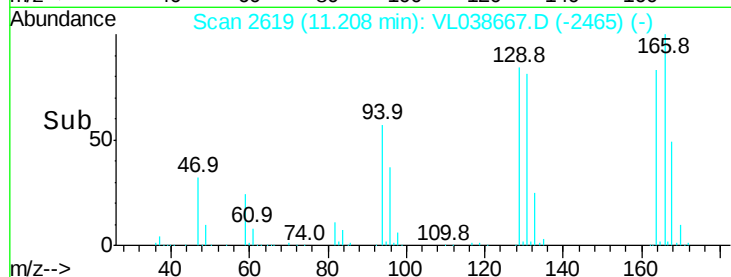
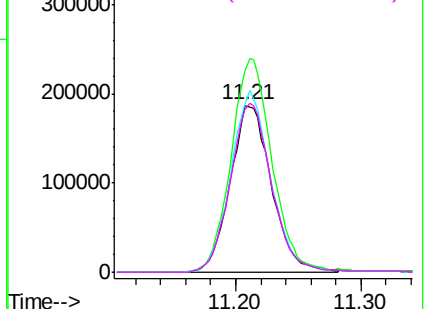


Abundance Ion 163.90 (163.60 to 164.60): V

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: 7.61 ppbv

RT: 9.79 min Scan# 2179

Delta R.T. -0.00 min

Lab File: VL038667.D

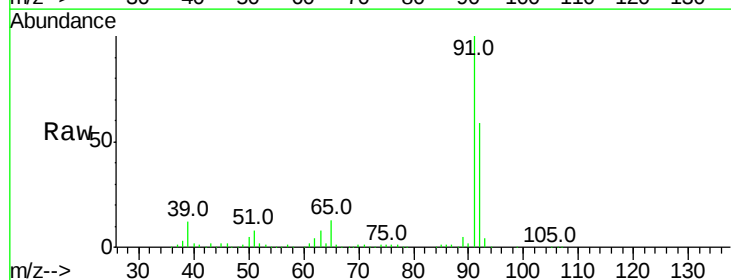
Acq: 22 Mar 2022 1:59

Tgt Ion: 91 Resp: 1372401

Ion Ratio Lower Upper

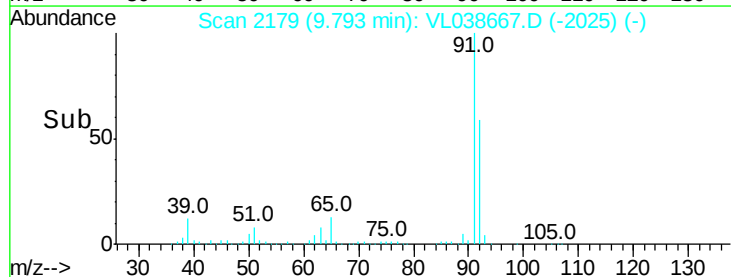
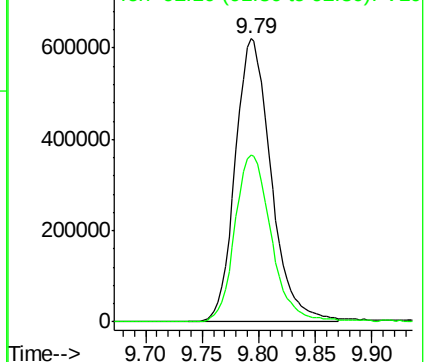
91 100

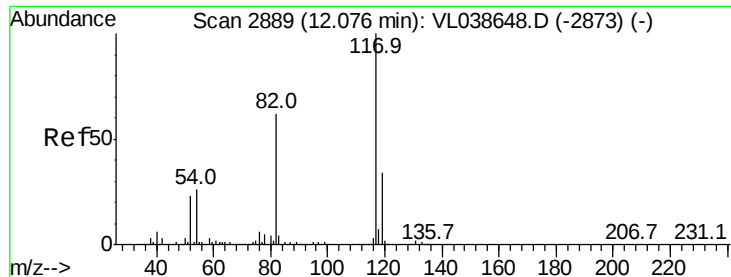
92 60.6 48.7 73.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

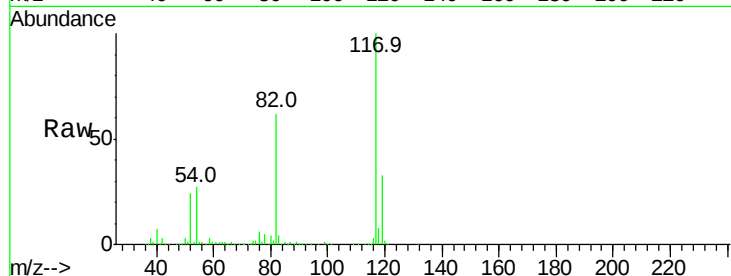
Ion 92.10 (91.80 to 92.80): VL0



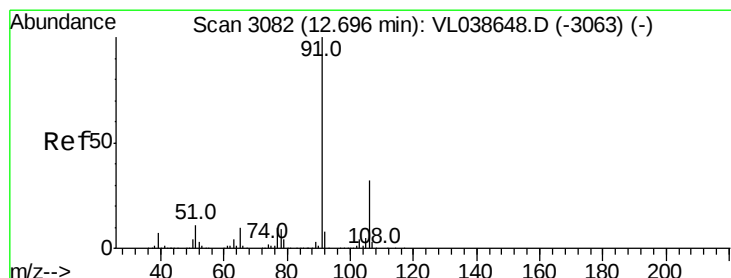
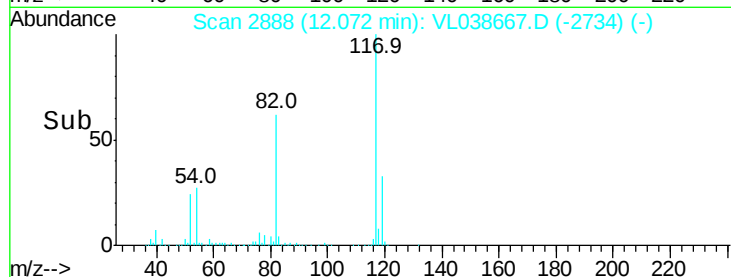
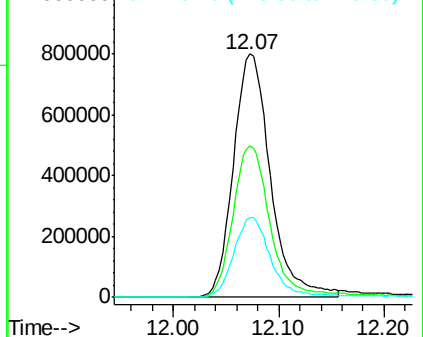


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
COP81
Acq: 22 Mar 2022 1:59

Tgt Ion: 117 Resp: 1956712
Ion Ratio Lower Upper
117 100
82 65.4 51.6 77.4
119 34.4 26.9 40.3

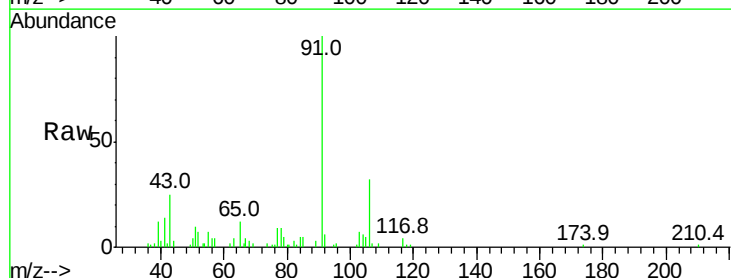


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V

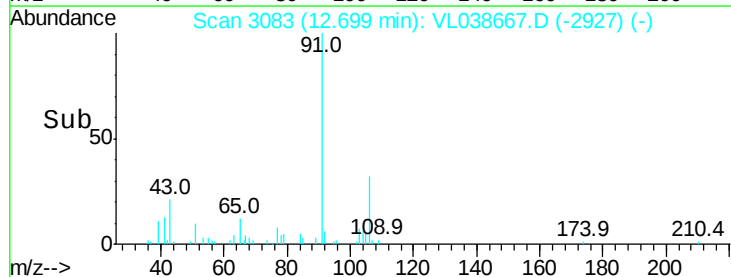
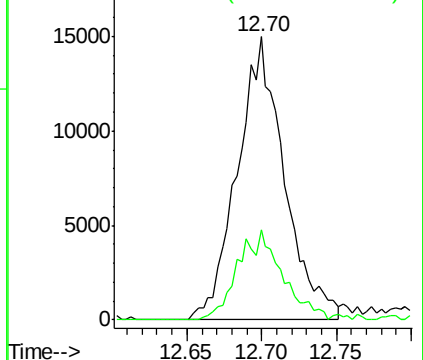


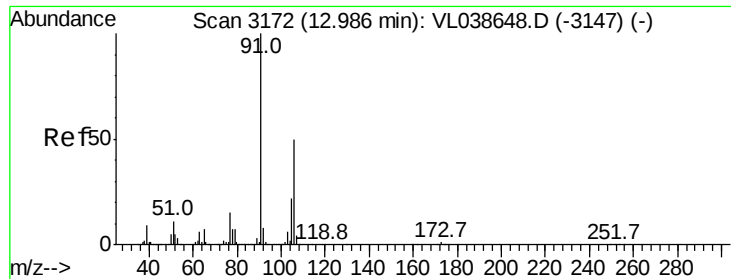
#58
Ethyl Benzene
Concen: 0.14 ppbv
RT: 12.70 min Scan# 3083
Delta R.T.: 0.00 min
Lab File: VL038667.D
Acq: 22 Mar 2022 1:59

Tgt Ion: 91 Resp: 32729
Ion Ratio Lower Upper
91 100
106 29.9 25.4 38.0



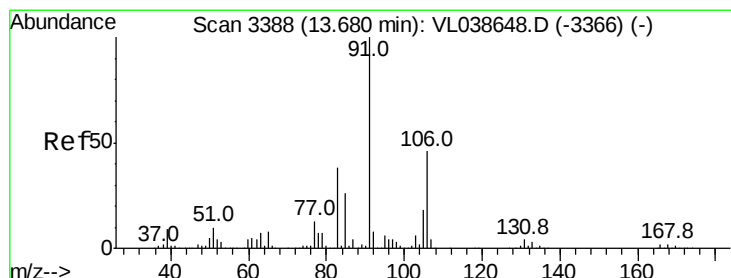
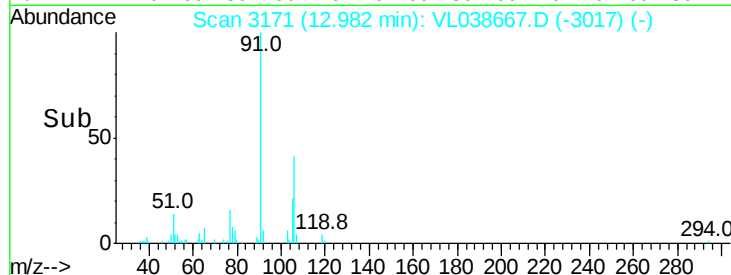
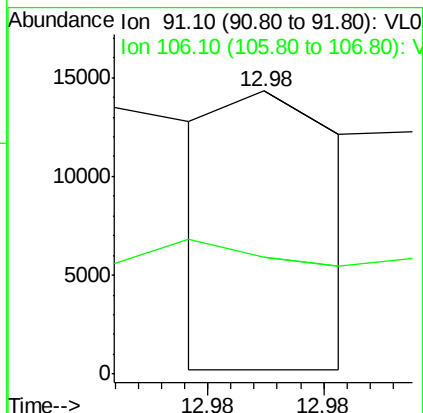
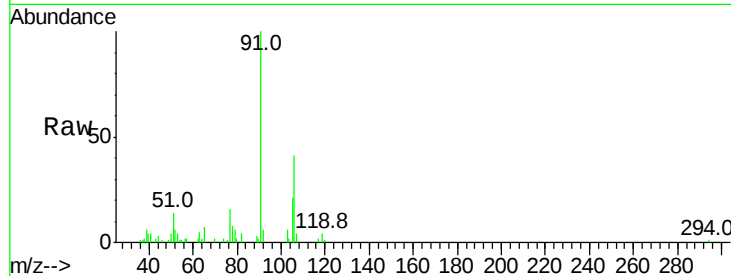
Abundance Ion 91.10 (90.80 to 91.80): V
Ion 106.10 (105.80 to 106.80): V





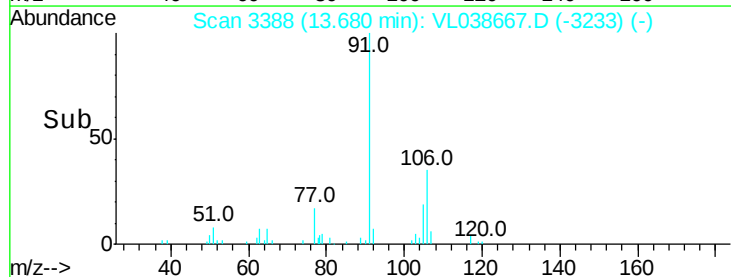
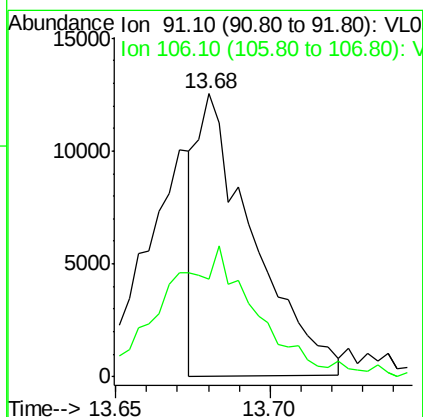
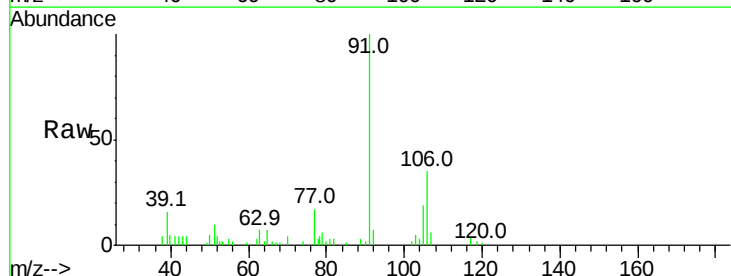
#59
m/p-Xylene
Concen: 0.03 ppbv
RT: 12.98 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 22 Mar 2022 1:59

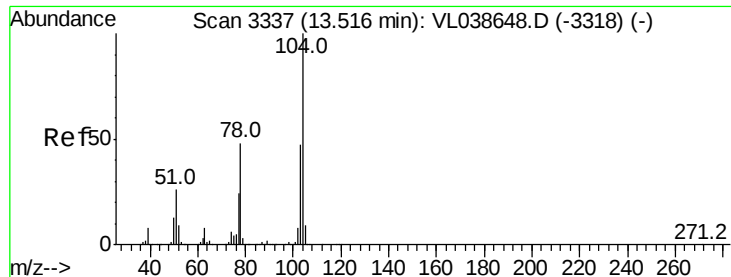
Tgt Ion: 91 Resp: 5019
Ion Ratio Lower Upper
91 100
106 0.0 37.2 55.8#



#60
o-Xylene
Concen: 0.08 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. -0.00 min
Lab File: VL038667.D
Acq: 22 Mar 2022 1:59

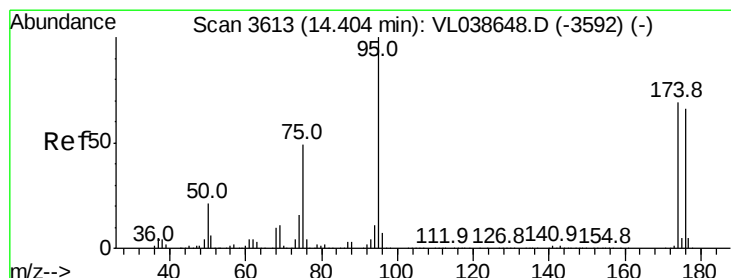
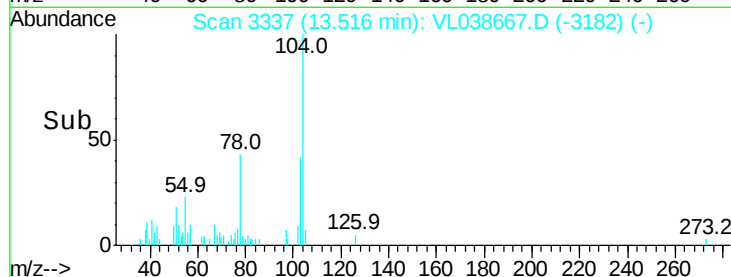
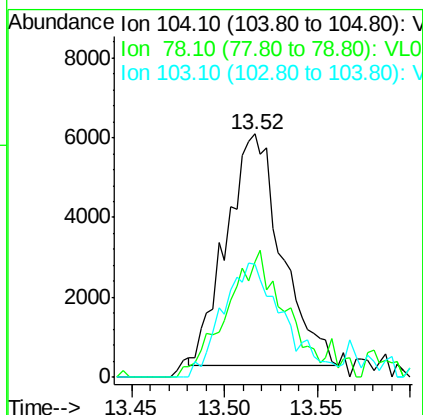
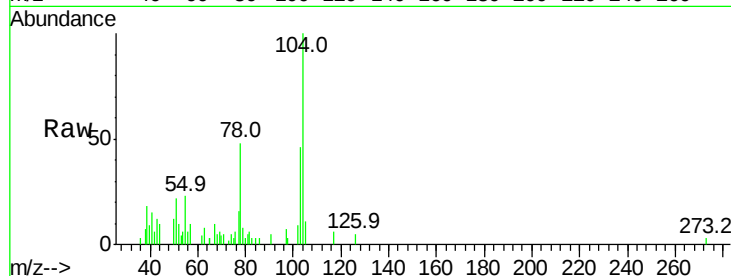
Tgt Ion: 91 Resp: 15682
Ion Ratio Lower Upper
91 100
106 81.7 23.5 70.5#





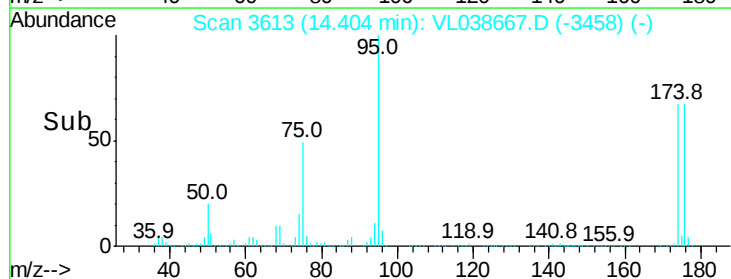
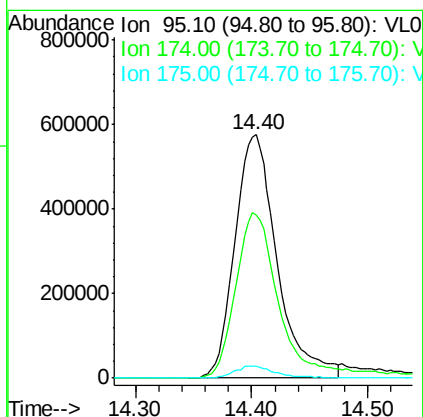
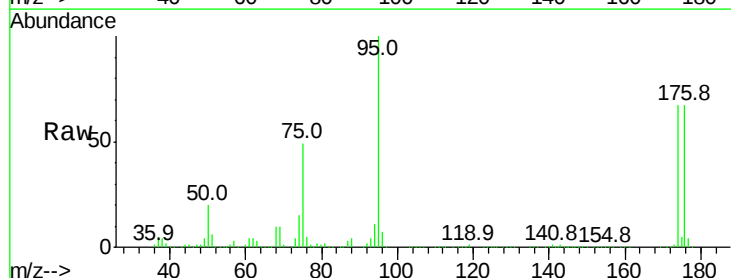
#61
Styrene
Concen: 0.12 ppbv
RT: 13.52
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 22 Mar 2022 1:59

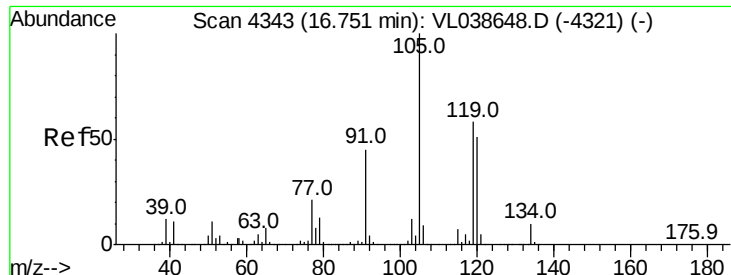
Tgt Ion: 104 Resp: 11910
Ion Ratio Lower Upper
104 100
78 61.9 39.0 58.4#
103 55.1 37.8 56.8



#68
1-Bromo-4-Fluorobenzene
Concen: 9.71 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. -0.00 min
Lab File: VL038667.D
Acq: 22 Mar 2022 1:59

Tgt Ion: 95 Resp: 1456406
Ion Ratio Lower Upper
95 100
174 73.2 56.1 84.1
175 5.2 4.2 6.2





#74
 1,2,4-Trimethylbenzene
 Concen: 0.09 ppbv
 RT: 16.75
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 22 Mar 2022 1:59

Tgt Ion:	105	Resp:	19057
Ion Ratio	Lower	Upper	
105	100		
120	47.8	40.5	60.7
91	9.8	35.9	53.9#
77	10.1	16.6	25.0#

