

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032222\
 Data File : VL038696.D
 Acq On : 22 Mar 2022 23:04
 Operator : SY/AP
 Sample : N1961-15
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P78

Quant Time: Mar 23 04:16:17 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	5.65	49	827820	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2267460	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	2063868	10.00	ppbv	-0.01

System Monitoring Compounds

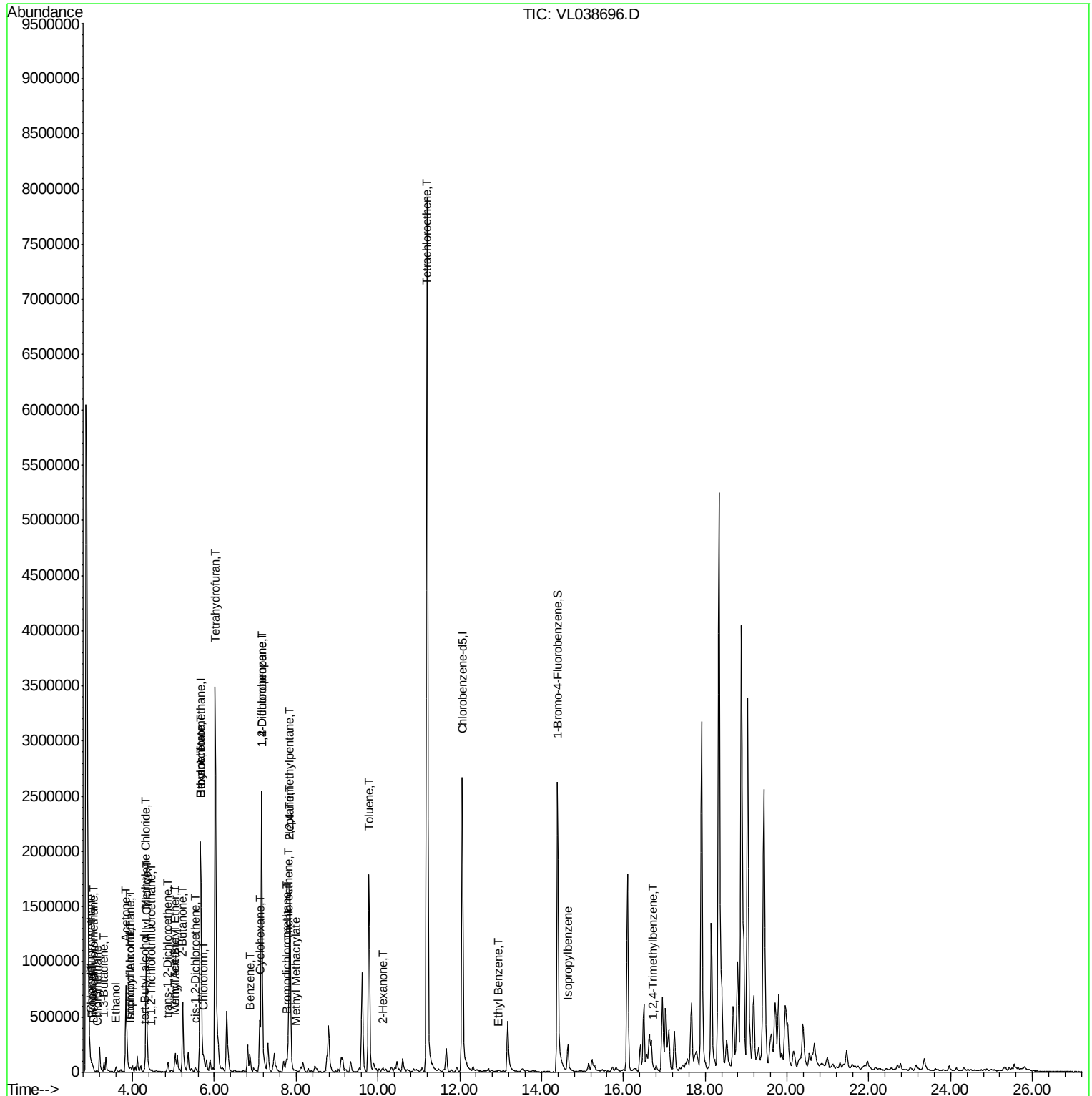
68) 1-Bromo-4-Fluorobenzene	14.39	95	1530700	9.67	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.70%

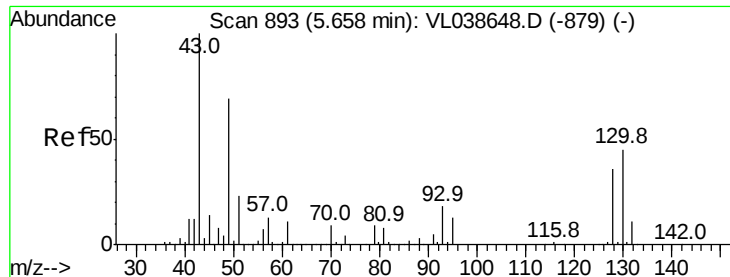
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.04	85	21664	0.19	ppbv	96
3) Chlorodifluoromethane	2.98	51	50809	0.58	ppbv	96
4) Chloromethane	3.13	50	9556	0.20	ppbv	97
9) Propene	3.01	41	25144	0.60	ppbv	96
10) Heptane	7.85	43	327674	3.25	ppbv #	1
11) Trichlorofluoromethane	3.94	101	20423	0.21	ppbv	94
12) 1,1,2-Trichlorotrifluoroet	4.47	101	3078	0.04	ppbv #	37
13) Ethanol	3.60	45	30849	6.63	ppbv #	37
15) Acetone	3.83	43	1036822	14.52	ppbv	100
16) 1,3-Butadiene	3.30	39	24014	0.59	ppbv #	15
17) tert-Butyl alcohol	4.29	59	4482	0.07	ppbv #	73
19) Isopropyl Alcohol	3.96	45	8549	0.22	ppbv #	91
20) Methylene Chloride	4.33	84	478782	15.91	ppbv	97
21) Allyl Chloride	4.35	41	48031	0.93	ppbv #	75
22) trans-1,2-Dichloroethene	4.87	96	13198	0.37	ppbv	95
23) Vinyl Acetate	5.04	43	42032	0.61	ppbv #	1
25) Ethyl Acetate	5.67	43	425588	2.37	ppbv #	76
26) Hexane	5.67	57	629454	7.82	ppbv #	39
28) Methyl tert-Butyl Ether	5.02	73	1845	0.03	ppbv #	51
29) Chloroform	5.74	83	57335	0.44	ppbv	96
30) Cyclohexane	7.11	84	190010	2.71	ppbv	93
31) cis-1,2-Dichloroethene	5.54	61	25590	0.34	ppbv	95
34) 2-Butanone	5.22	43	888989	9.91	ppbv	98
36) Benzene	6.87	78	133803	0.76	ppbv	96
38) Trichloroethene	7.82	130	127554	1.74	ppbv	94
39) 1,2-Dichloropropane	7.16	63	508792	7.44	ppbv #	28
41) Tetrahydrofuran	6.02	42	2616870	39.18	ppbv	99
42) Bromodichloromethane	7.77	83	16824	0.13	ppbv #	29
43) Methyl Methacrylate	7.99	69	1482	0.02	ppbv #	1
44) 2,2,4-Trimethylpentane	7.85	57	1730907	5.89	ppbv	95
51) 2-Hexanone	10.13	43	19320	0.16	ppbv #	74
52) Tetrachloroethene	11.20	164	2563529	40.03	ppbv	95
53) Toluene	9.78	91	753761	4.01	ppbv	100
58) Ethyl Benzene	12.95	91	6329	0.03	ppbv	91
62) Isopropylbenzene	14.64	105	234586	0.78	ppbv	100
74) 1,2,4-Trimethylbenzene	16.73	105	7555	0.03	ppbv #	70

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

Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_L\DATA\VL032222\
Data File : VL038696.D
Acq On : 22 Mar 2022 23:04
Operator : SY/AP
Sample : N1961-15
Misc : 400mL/MSV0A_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 23 04:16:17 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 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: 5.65 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId :

Acq: 22 Mar 2022 23:04

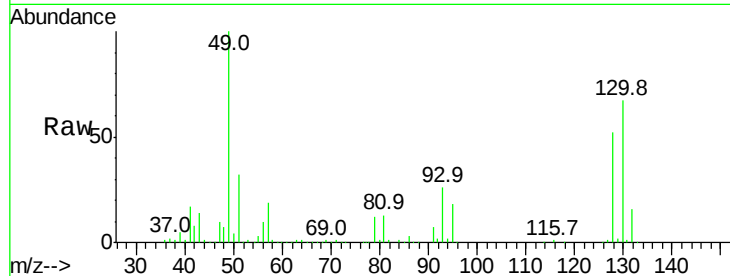
Tgt Ion: 49 Resp: 827820

Ion Ratio Lower Upper

49 100

128 54.0 26.2 78.6

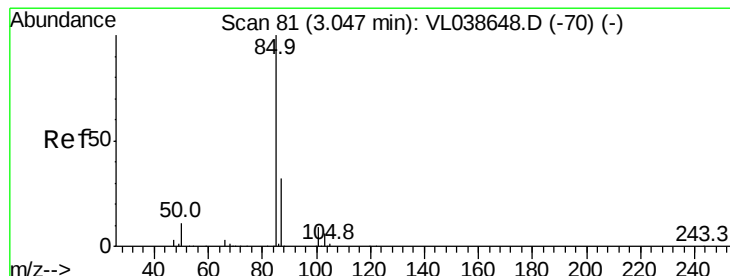
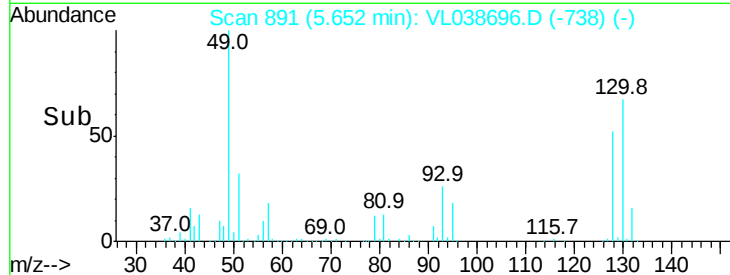
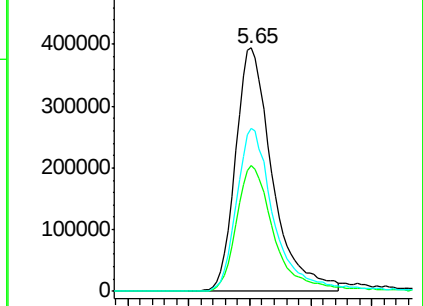
130 69.5 33.7 101.1



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: 0.19 ppbv

RT: 3.04 min Scan# 79

Delta R.T. -0.01 min

Lab File: VL038696.D

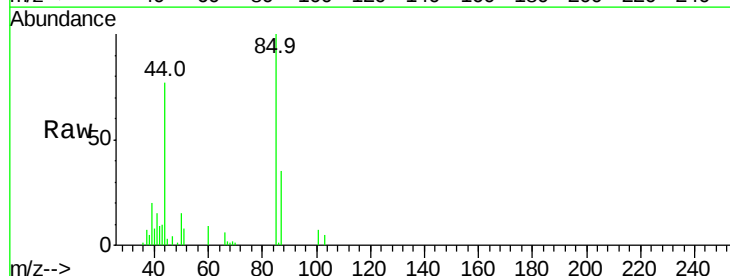
Acq: 22 Mar 2022 23:04

Tgt Ion: 85 Resp: 21664

Ion Ratio Lower Upper

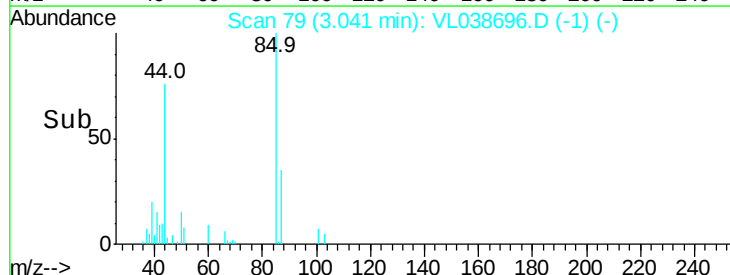
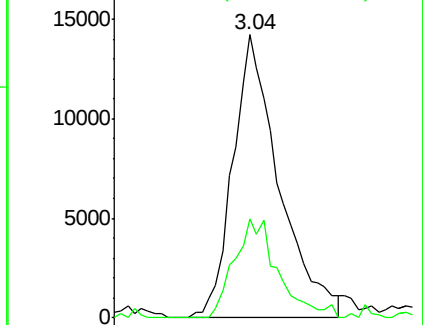
85 100

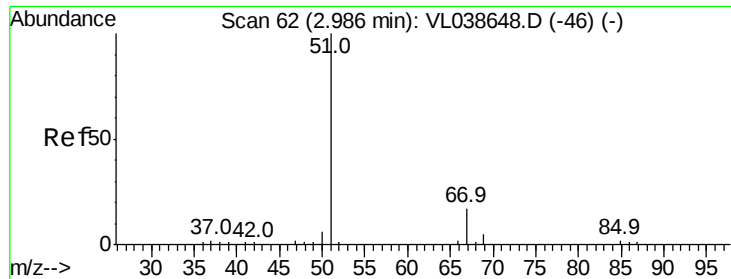
87 35.0 26.0 39.0



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.58 ppbv

RT: 2.98 Instrument:

Delta R.T. MSVOA.L

Lab File: ClientSampleId:

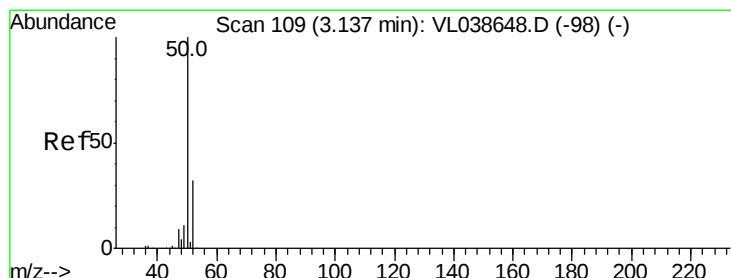
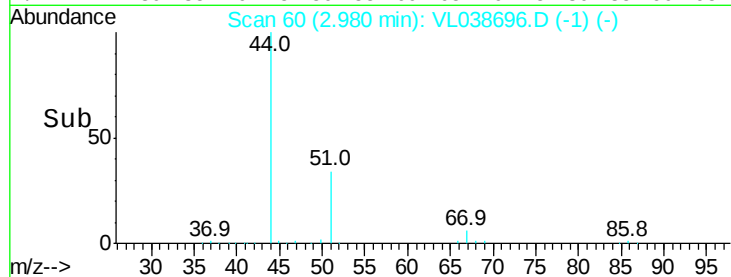
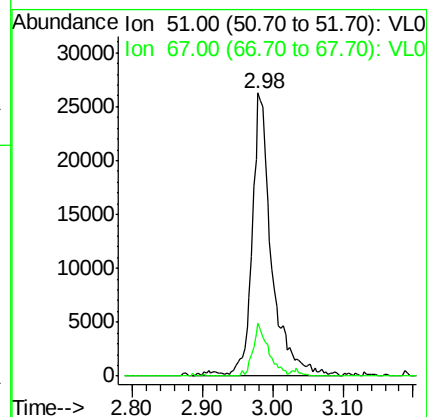
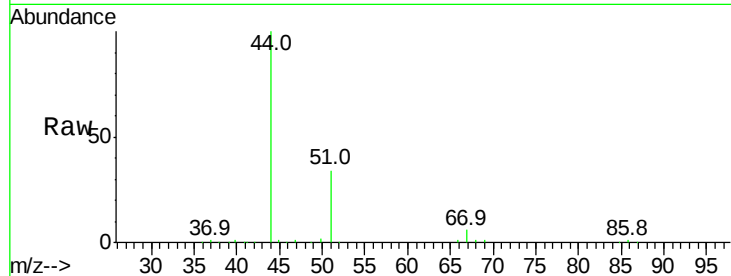
Acq: 22 Mar 2022 23:04

Tgt Ion: 51 Resp: 50809

Ion Ratio Lower Upper

51 100

67 15.7 14.1 21.1



#4

Chloromethane

Concen: 0.20 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.00 min

Lab File: VL038696.D

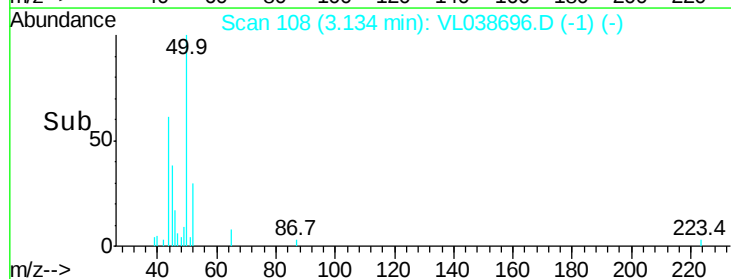
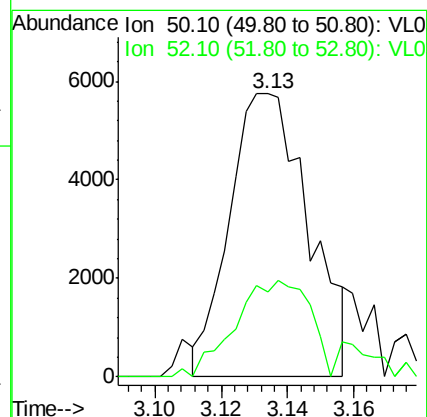
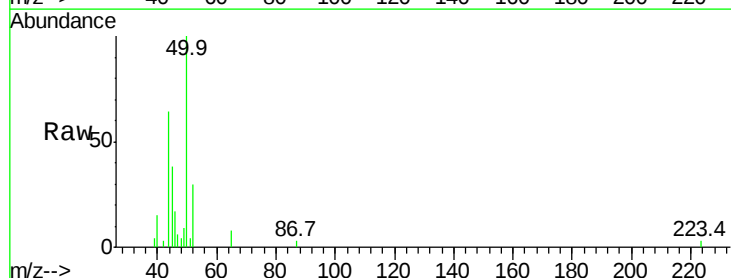
Acq: 22 Mar 2022 23:04

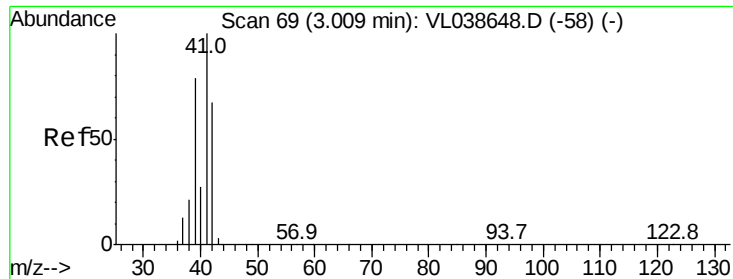
Tgt Ion: 50 Resp: 9556

Ion Ratio Lower Upper

50 100

52 33.7 25.5 38.3





#9

Propene

Concen: 0.60 ppbv

RT: 3.01 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

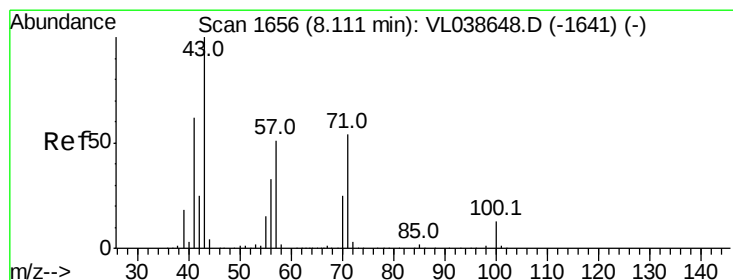
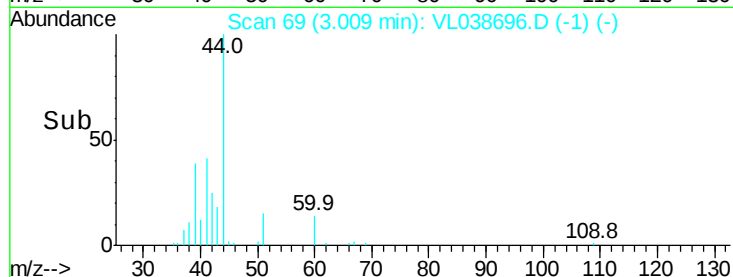
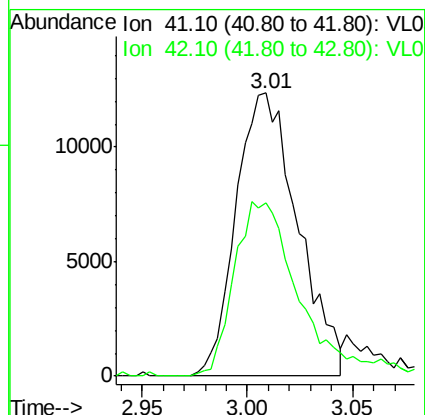
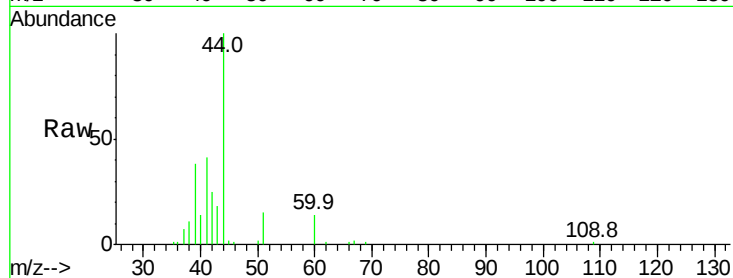
Acq: 22 Mar 2022 23:04

Tgt Ion: 41 Resp: 25144

Ion Ratio Lower Upper

41 100

42 66.9 56.2 84.4



#10

Heptane

Concen: 3.25 ppbv

RT: 7.85 min Scan# 1574

Delta R.T. -0.26 min

Lab File: VL038696.D

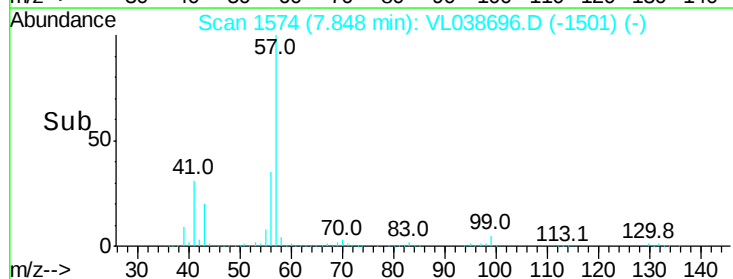
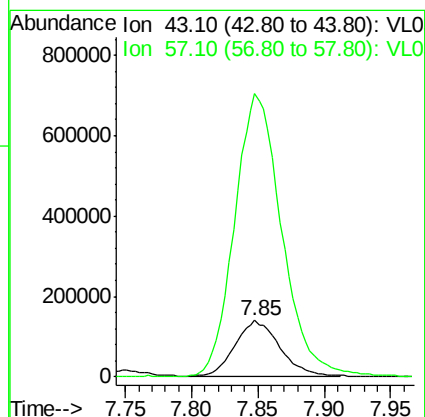
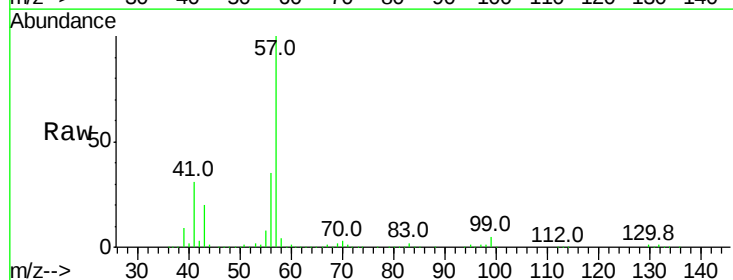
Acq: 22 Mar 2022 23:04

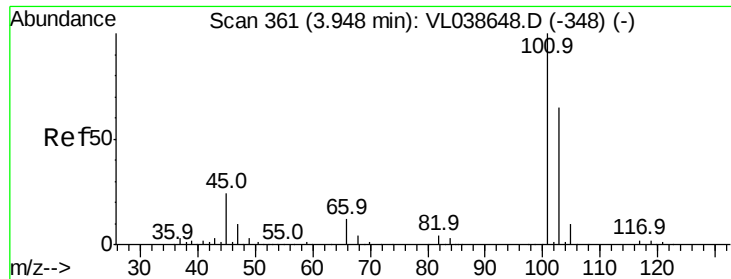
Tgt Ion: 43 Resp: 327674

Ion Ratio Lower Upper

43 100

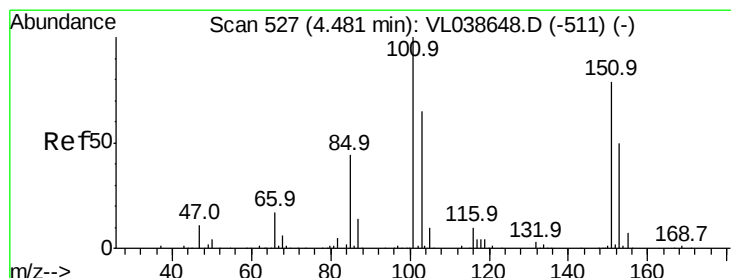
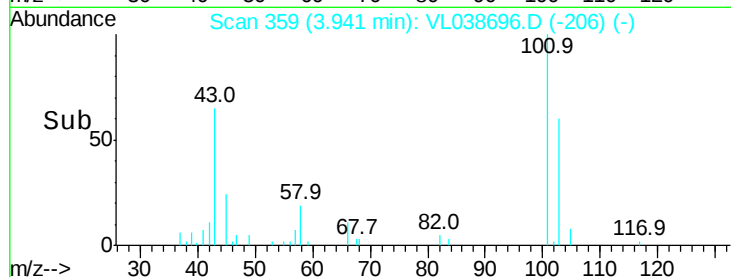
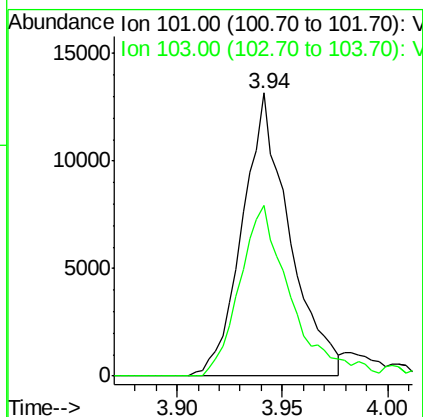
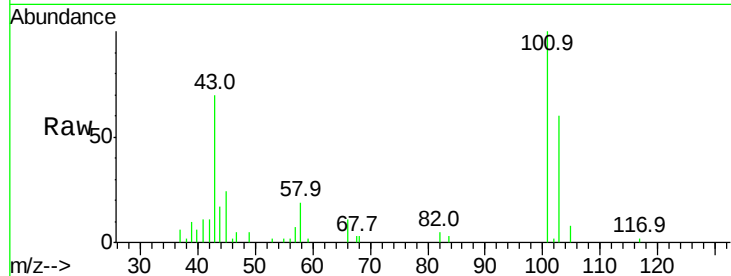
57 534.3 41.4 62.2#





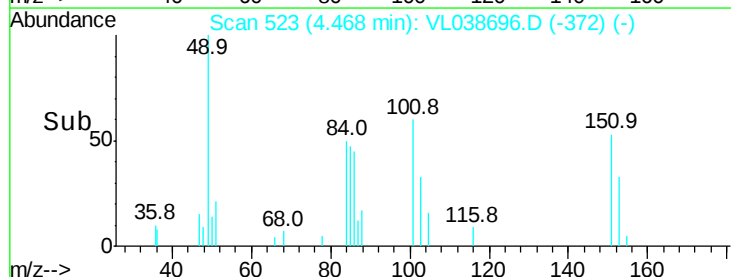
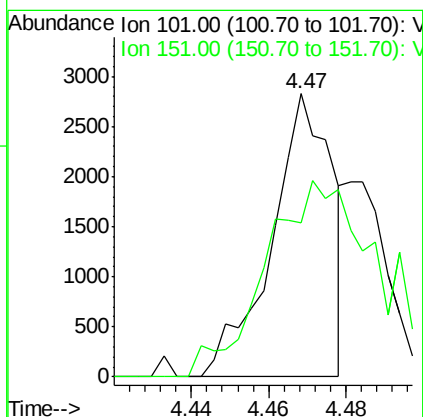
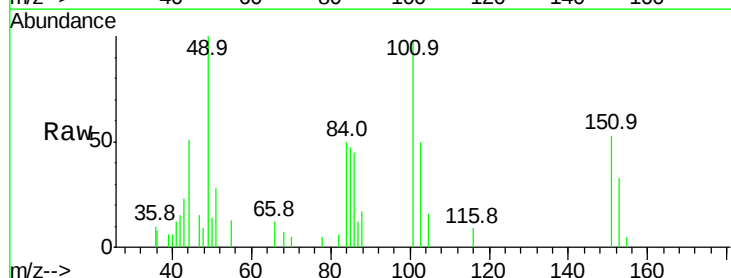
#11
 Trichlorofluoromethane
 Concen: 0.21 ppbv
 RT: 3.94
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 22 Mar 2022 23:04

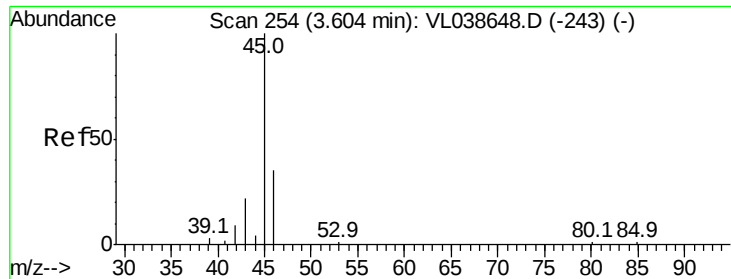
Tgt Ion:101 Resp: 20423
 Ion Ratio Lower Upper
 101 100
 103 60.1 51.9 77.9



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.04 ppbv
 RT: 4.47 min Scan# 523
 Delta R.T. -0.01 min
 Lab File: VL038696.D
 Acq: 22 Mar 2022 23:04

Tgt Ion:101 Resp: 3078
 Ion Ratio Lower Upper
 101 100
 151 133.8 62.9 94.3#





#13

Ethanol

Concen: 6.63 ppbv

RT: 3.60 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: COP78

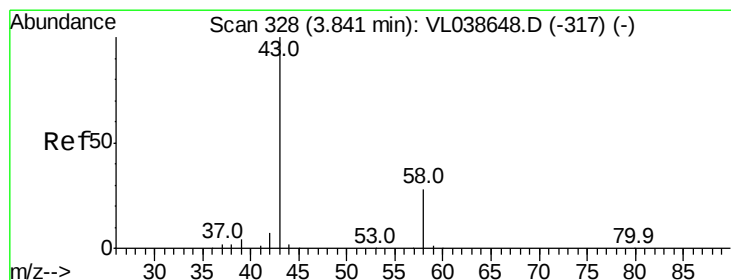
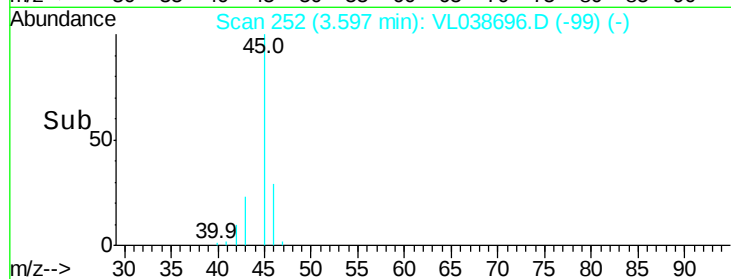
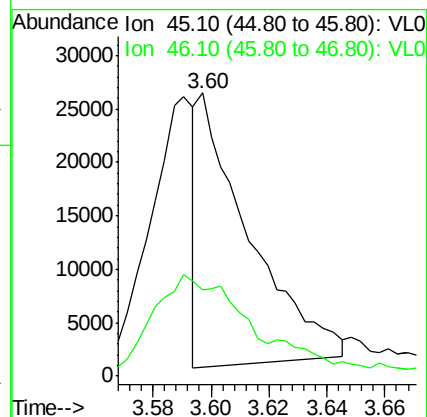
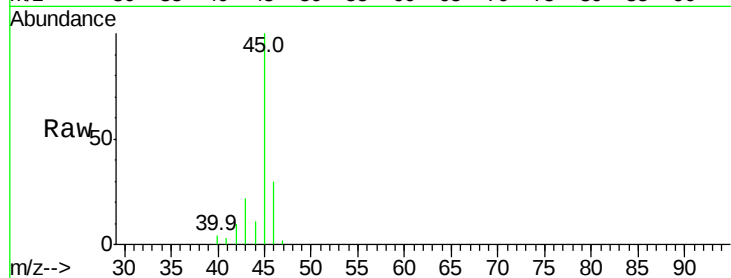
Acq: 22 Mar 2022 23:04

Tgt Ion: 45 Resp: 30849

Ion Ratio Lower Upper

45 100

46 0.0 15.1 60.5#



#15

Acetone

Concen: 14.52 ppbv

RT: 3.83 min Scan# 326

Delta R.T. -0.01 min

Lab File: VL038696.D

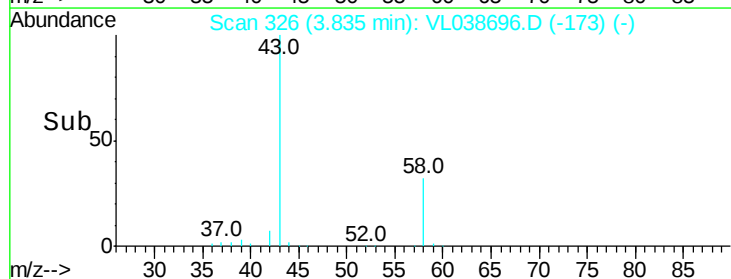
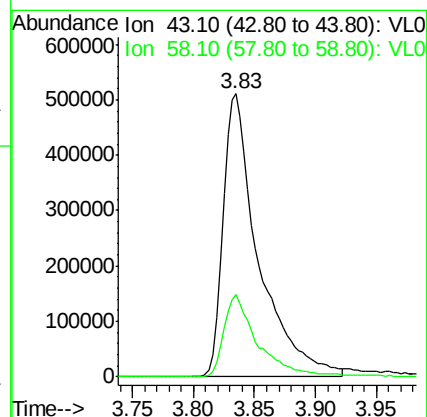
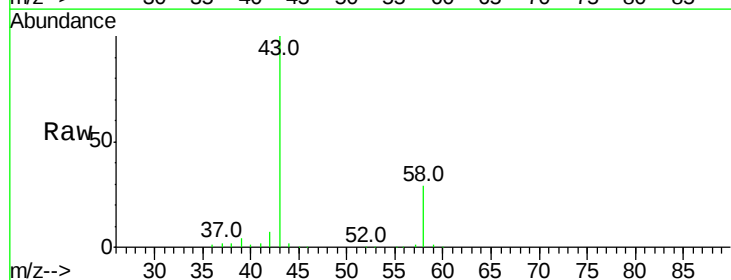
Acq: 22 Mar 2022 23:04

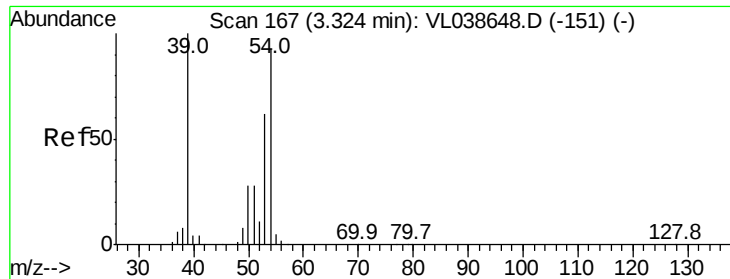
Tgt Ion: 43 Resp: 1036822

Ion Ratio Lower Upper

43 100

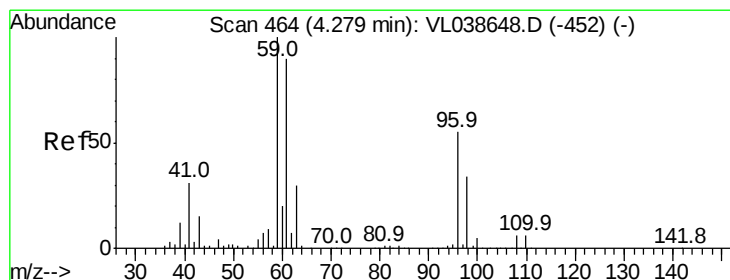
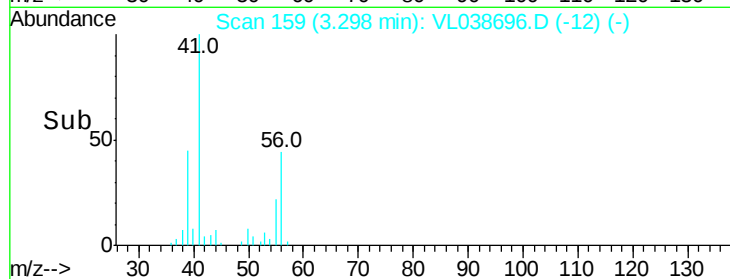
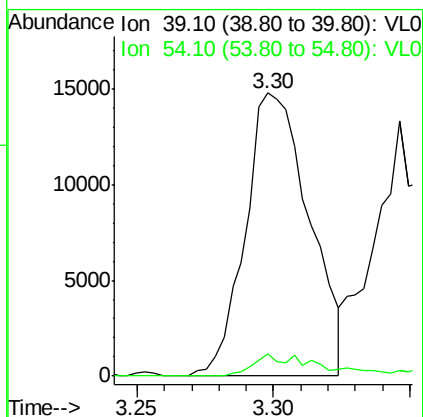
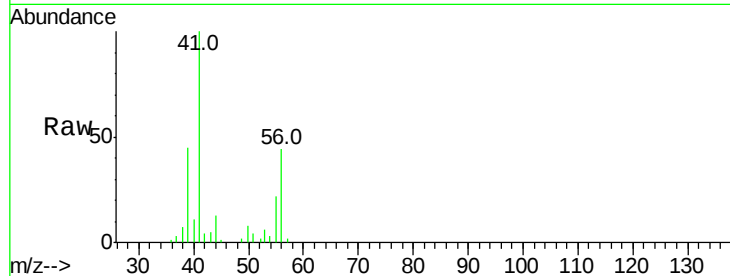
58 29.0 23.3 34.9





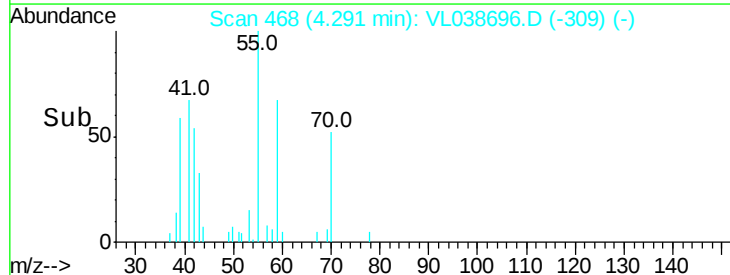
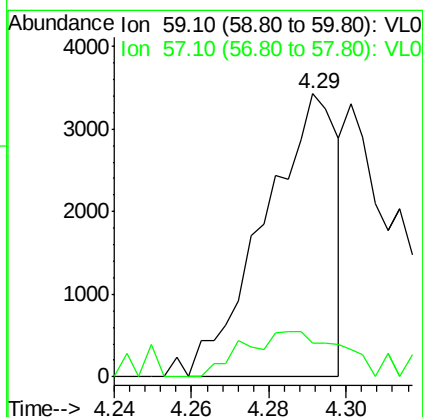
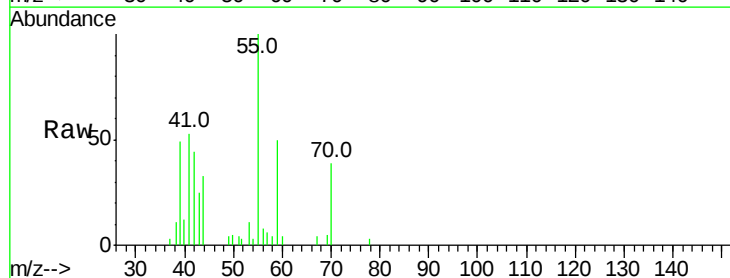
#16
 1,3-Butadiene
 Concen: 0.59 ppbv
 RT: 3.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 C0P78
 Acq: 22 Mar 2022 23:04

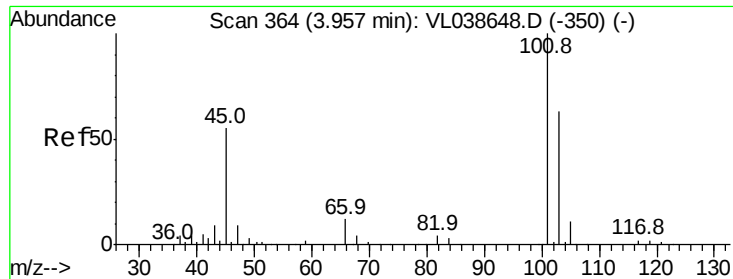
Tgt Ion: 39 Resp: 24014
 Ion Ratio Lower Upper
 39 100
 54 8.5 69.1 103.7#



#17
 tert-Butyl alcohol
 Concen: 0.07 ppbv
 RT: 4.29 min Scan# 468
 Delta R.T. 0.01 min
 Lab File: VL038696.D
 Acq: 22 Mar 2022 23:04

Tgt Ion: 59 Resp: 4482
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#





#19

Isopropyl Alcohol

Concen: 0.22 ppbv

RT: 3.96 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

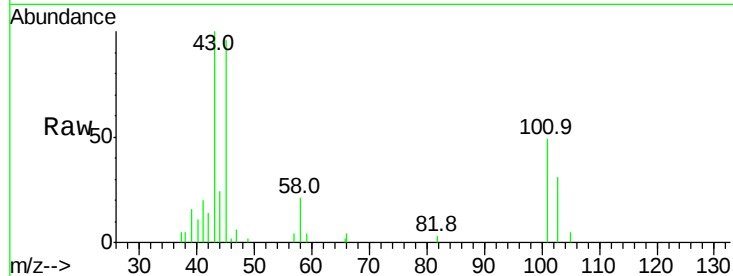
Acq: 22 Mar 2022 23:04

Tgt Ion: 45 Resp: 8549

Ion Ratio Lower Upper

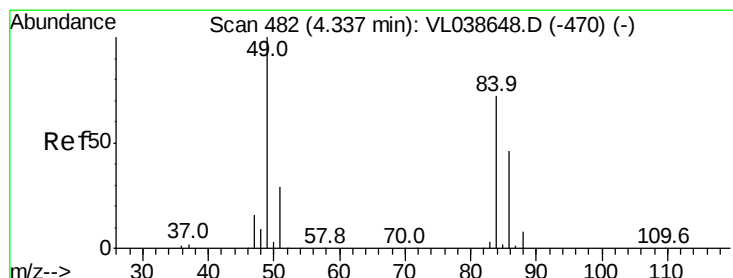
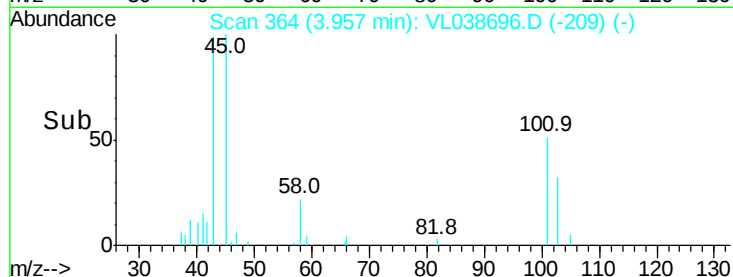
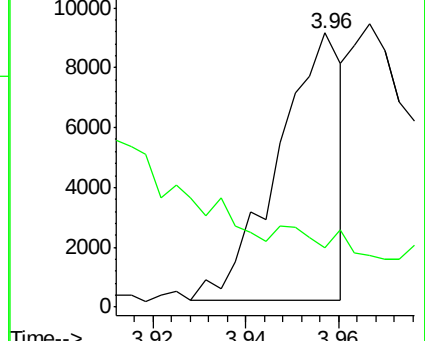
45 100

58 0.0 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: 15.91 ppbv

RT: 4.33 min Scan# 480

Delta R.T. -0.01 min

Lab File: VL038696.D

Acq: 22 Mar 2022 23:04

Tgt Ion: 84 Resp: 478782

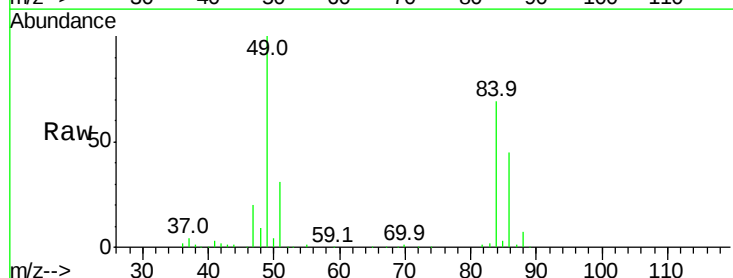
Ion Ratio Lower Upper

84 100

49 143.9 111.2 166.8

51 45.1 32.8 49.2

86 64.4 51.4 77.0

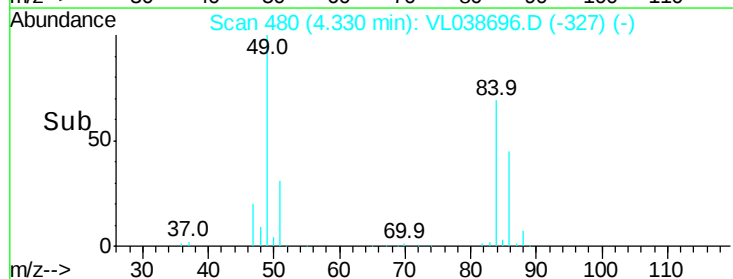
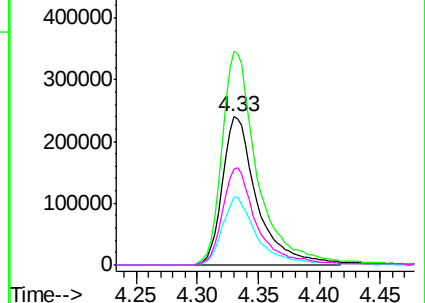


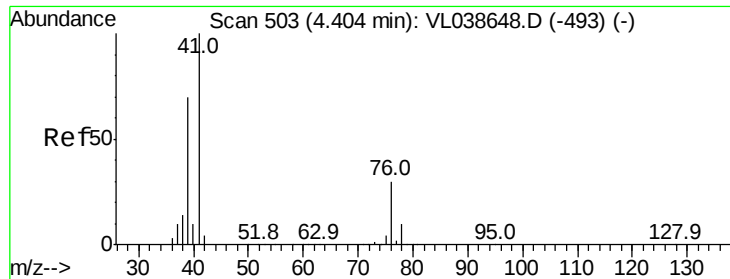
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

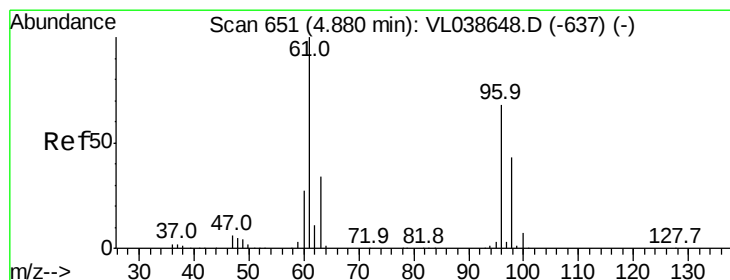
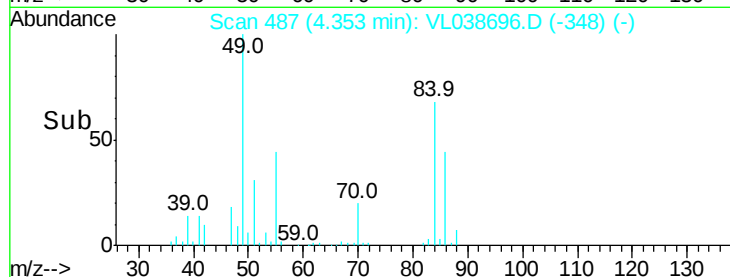
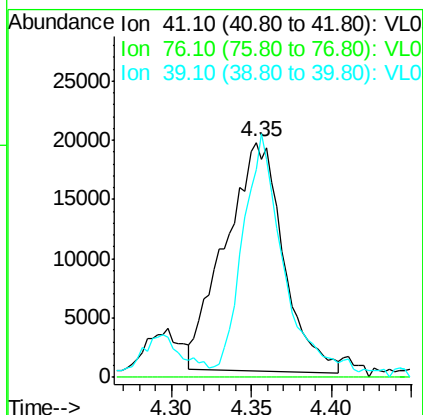
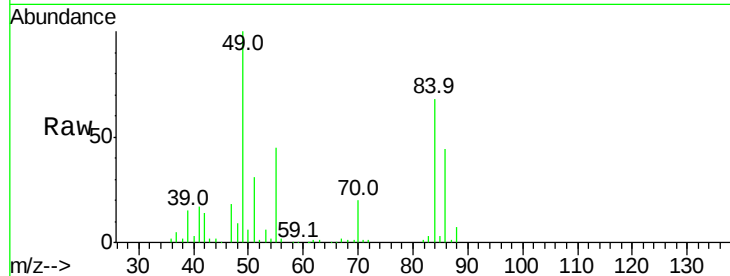
Ion 86.00 (85.70 to 86.70): VL0





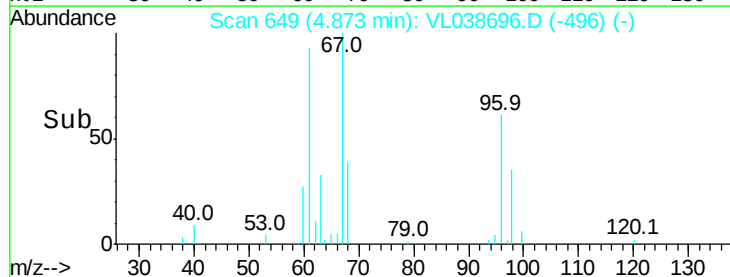
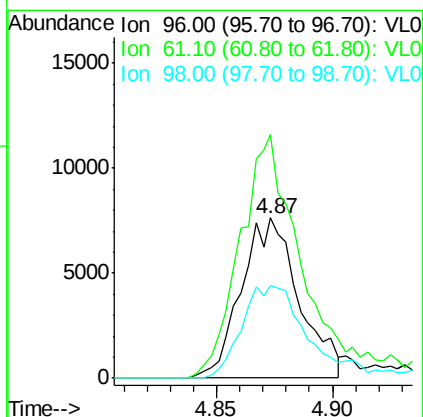
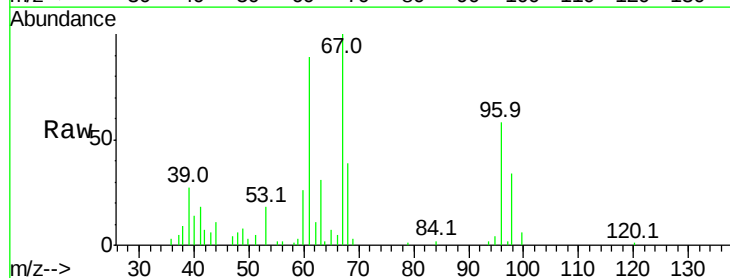
#21
 Allyl Chloride
 Concen: 0.93 ppbv
 RT: 4.35
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 22 Mar 2022 23:04

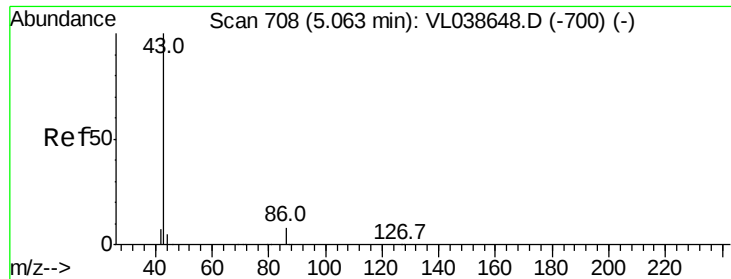
Tgt Ion: 41 Resp: 48031
 Ion Ratio Lower Upper
 41 100
 76 0.0 25.0 37.6#
 39 79.7 56.6 85.0



#22
 trans-1,2-Dichloroethene
 Concen: 0.37 ppbv
 RT: 4.87 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: VL038696.D
 Acq: 22 Mar 2022 23:04

Tgt Ion: 96 Resp: 13198
 Ion Ratio Lower Upper
 96 100
 61 152.4 118.3 177.5
 98 57.8 51.3 76.9





#23

Vinyl Acetate

Concen: 0.61 ppbv

RT: 5.04 Instrument: MSVOA_1

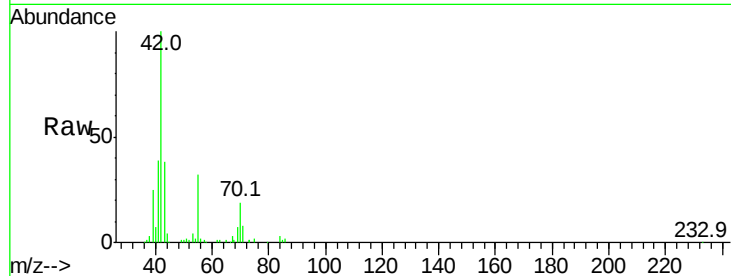
Delta R.T. ClientSampleId:

Lab File: C0P78

Acq: 22 Mar 2022 23:04

Tgt Ion: 43 Resp: 42032

Ion	Ratio	Lower	Upper
43	100		
86	5.3	5.6	8.4#
42	263.9	6.8	10.2#
44	2.6	4.2	6.2#

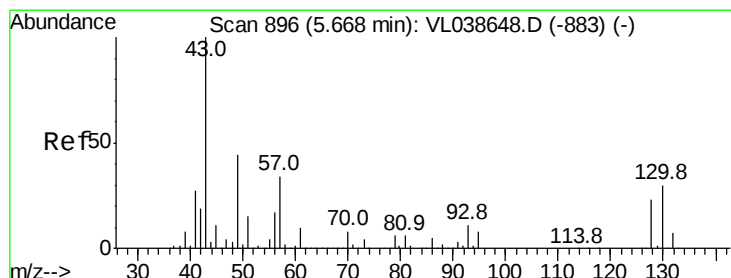
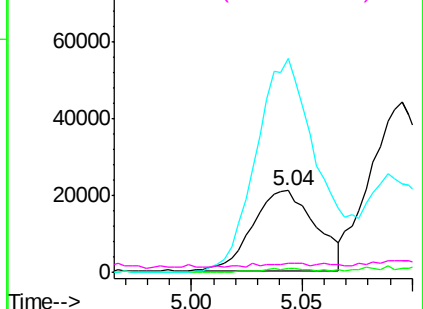
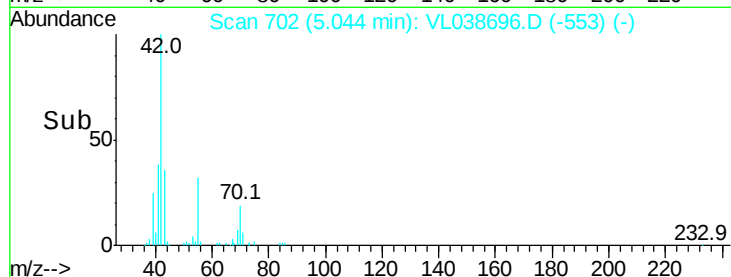


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 2.37 ppbv

RT: 5.67 min Scan# 897

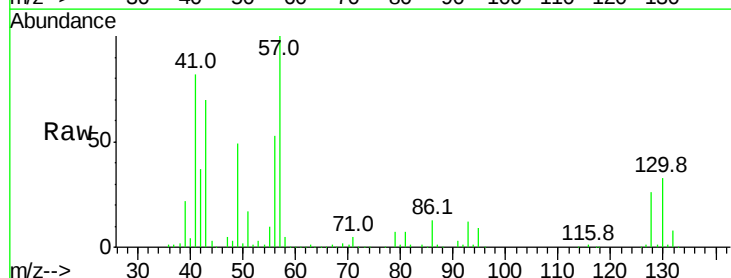
Delta R.T. 0.00 min

Lab File: VL038696.D

Acq: 22 Mar 2022 23:04

Tgt Ion: 43 Resp: 425588

Ion	Ratio	Lower	Upper
43	100		
45	0.4	8.2	12.4#
61	0.2	8.3	12.5#
70	1.5	5.6	8.4#

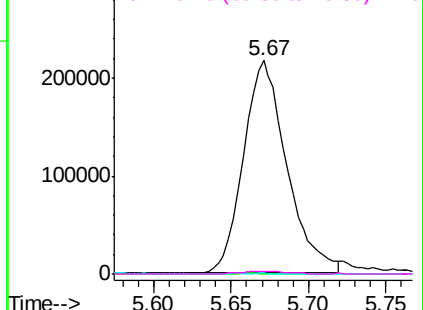
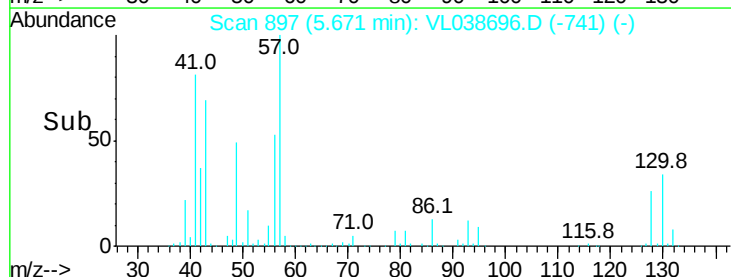


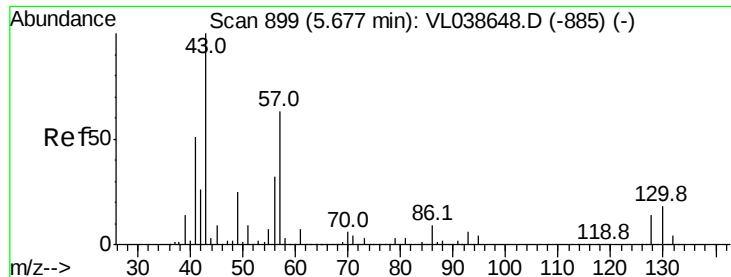
Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 7.82 ppbv

RT: 5.67

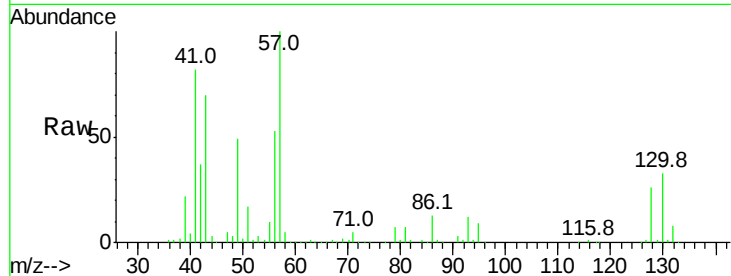
Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 22 Mar 2022 23:04

Tgt Ion: 57 Resp: 629454

Ion	Ratio	Lower	Upper
57	100		
41	84.6	67.0	100.4
43	69.9	184.2	276.2#
56	54.1	42.6	64.0

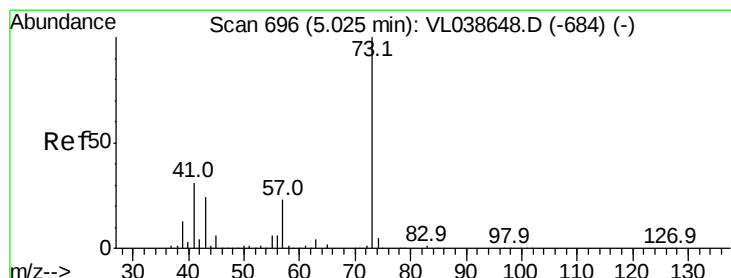
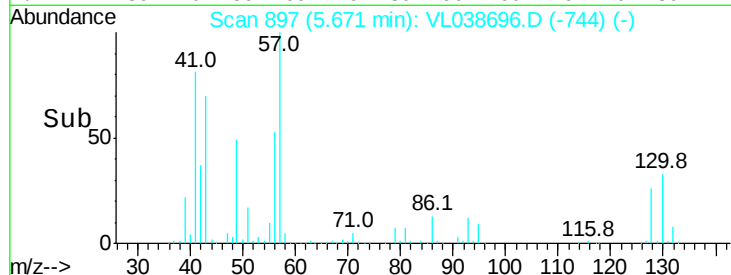
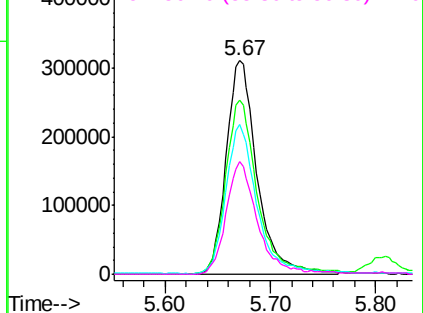


Abundance Ion 57.10 (56.80 to 57.80): VL0

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



#28

Methyl tert-Butyl Ether

Concen: 0.03 ppbv

RT: 5.02 min Scan# 695

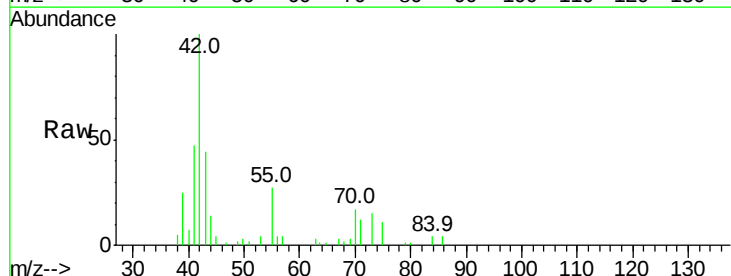
Delta R.T. -0.00 min

Lab File: VL038696.D

Acq: 22 Mar 2022 23:04

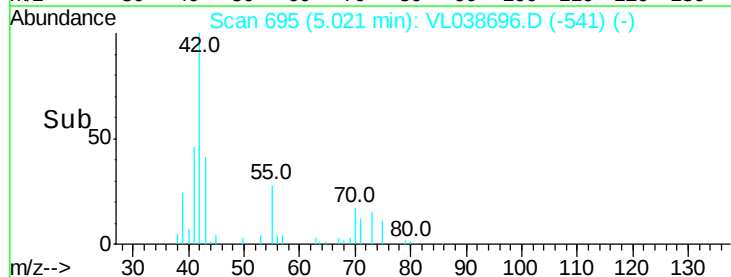
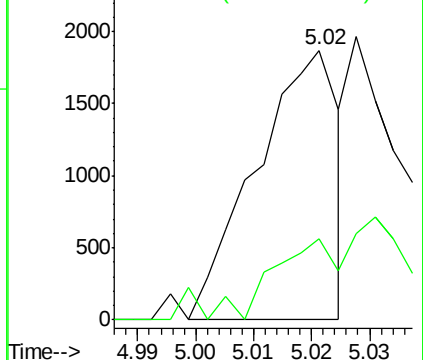
Tgt Ion: 73 Resp: 1845

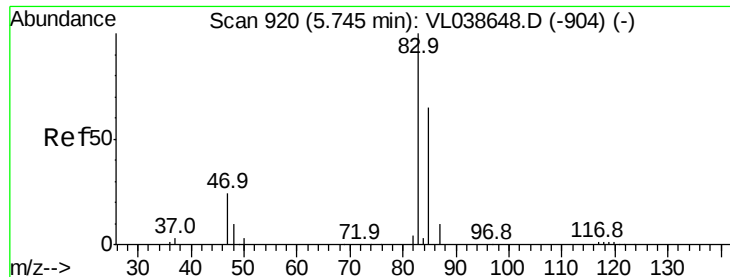
Ion	Ratio	Lower	Upper
73	100		
57	0.0	19.2	28.8#



Abundance Ion 73.10 (72.80 to 73.80): VL0

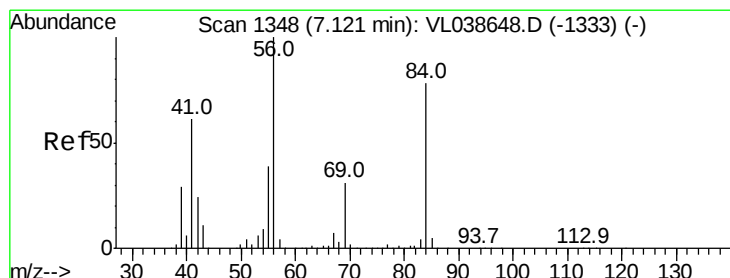
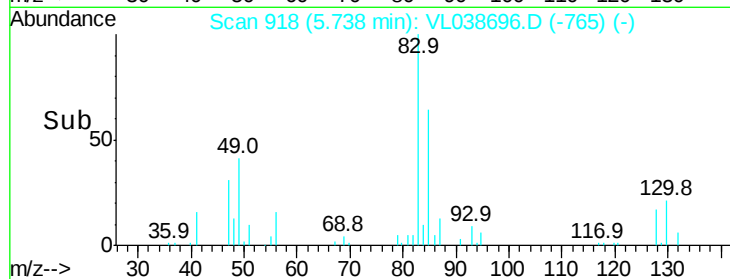
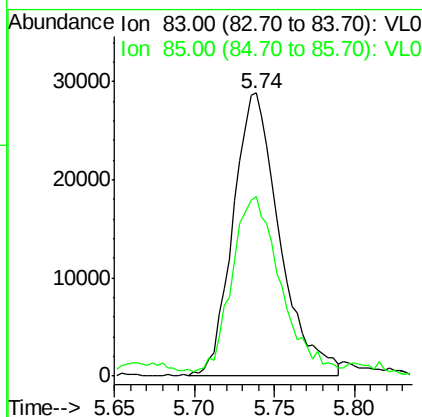
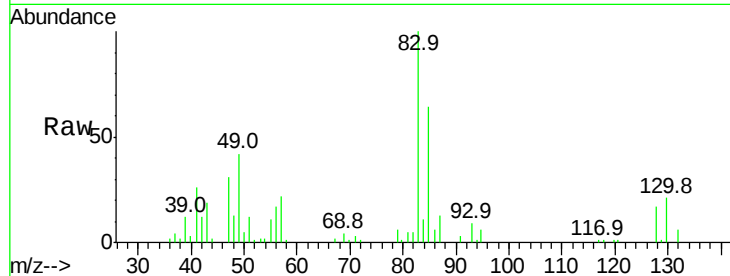
Ion 57.10 (56.80 to 57.80): VL0





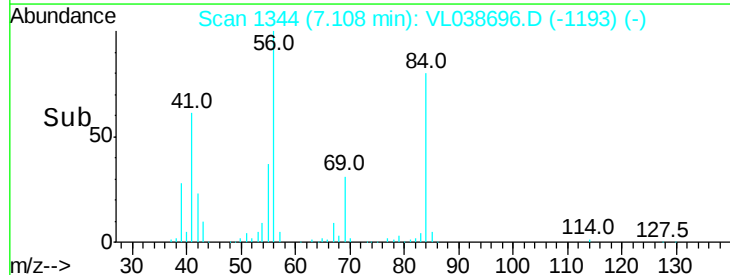
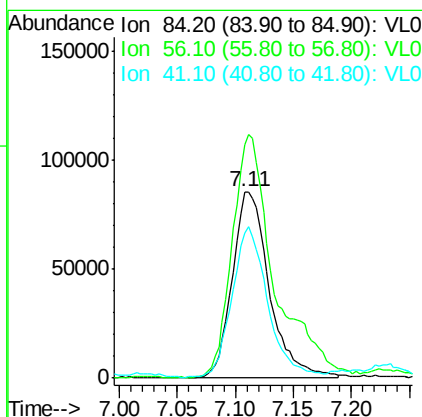
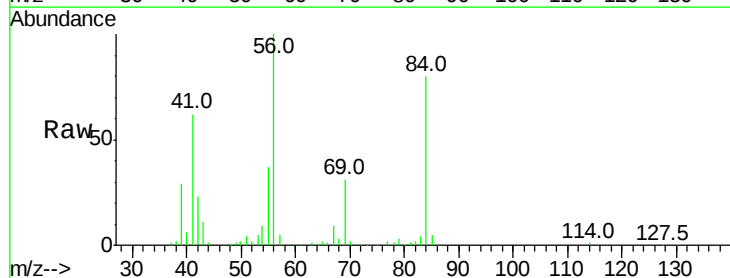
#29
 Chloroform
 Concen: 0.44 ppbv
 RT: 5.74
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 22 Mar 2022 23:04

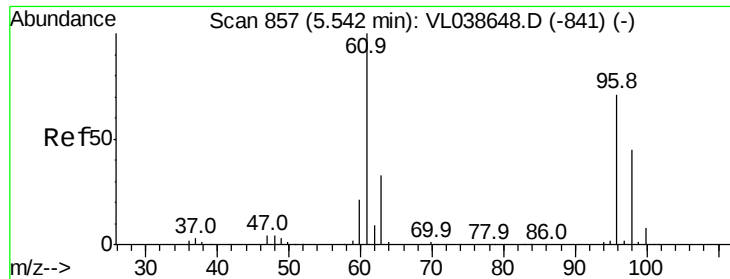
Tgt Ion: 83 Resp: 57335
 Ion Ratio Lower Upper
 83 100
 85 61.3 51.7 77.5



#30
 Cyclohexane
 Concen: 2.71 ppbv
 RT: 7.11 min Scan# 1344
 Delta R.T.: -0.01 min
 Lab File: VL038696.D
 Acq: 22 Mar 2022 23:04

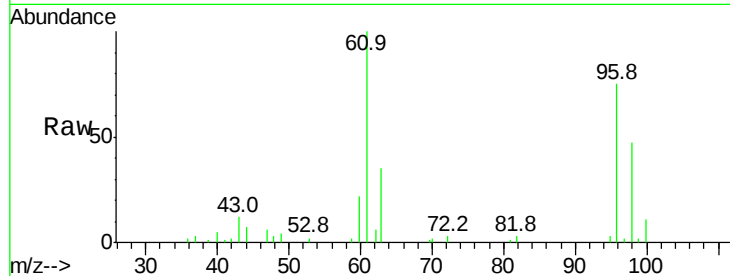
Tgt Ion: 84 Resp: 190010
 Ion Ratio Lower Upper
 84 100
 56 148.8 108.2 162.4
 41 76.8 61.8 92.6



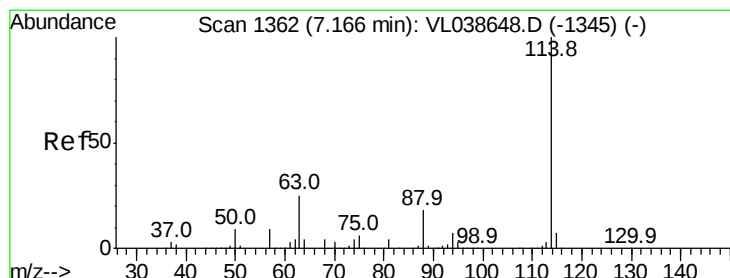
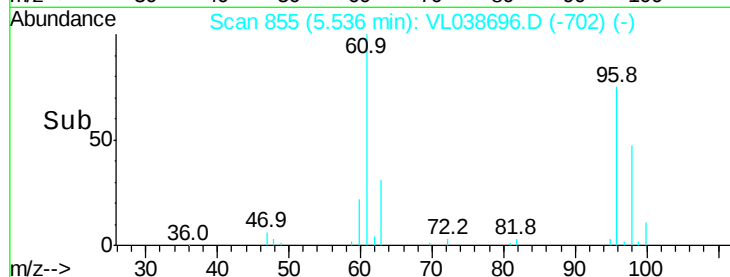
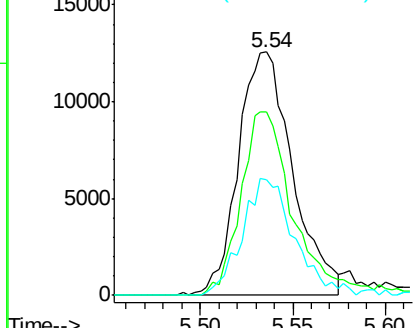


#31
 cis-1,2-Dichloroethene
 Concen: 0.34 ppbv
 RT: 5.54
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 C0P78
 Acq: 22 Mar 2022 23:04

Tgt Ion: 61 Resp: 25590
 Ion Ratio Lower Upper
 61 100
 96 75.2 56.6 84.8
 98 47.5 36.3 54.5

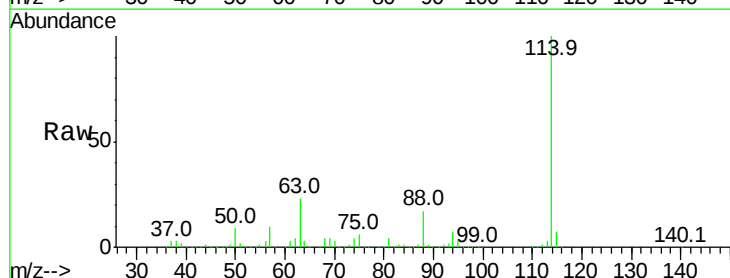


Abundance Ion 61.10 (60.80 to 61.80): VL0
 Ion 96.00 (95.70 to 96.70): VL0
 Ion 98.00 (97.70 to 98.70): VL0

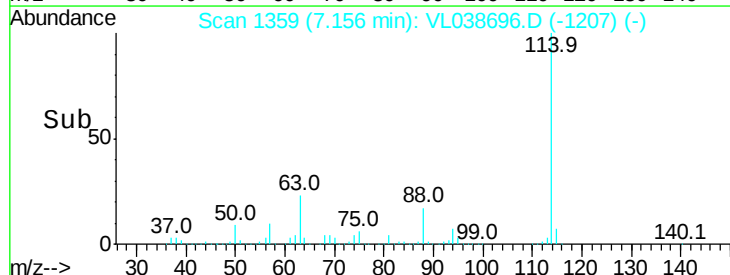
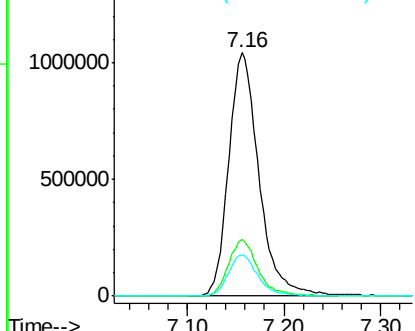


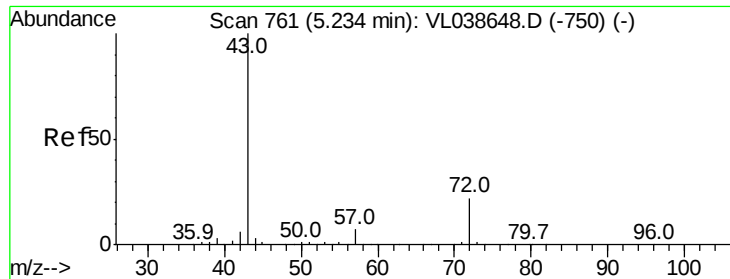
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: VL038696.D
 Acq: 22 Mar 2022 23:04

Tgt Ion: 114 Resp: 2267460
 Ion Ratio Lower Upper
 114 100
 63 23.1 19.4 29.0
 88 16.9 13.9 20.9



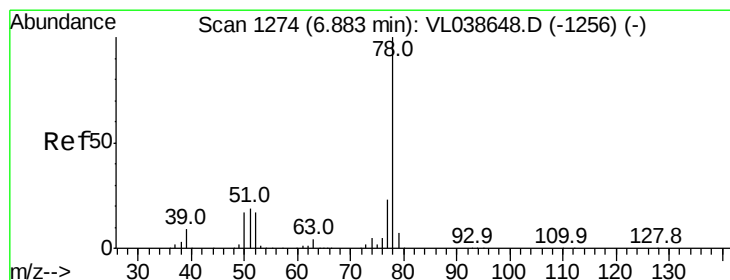
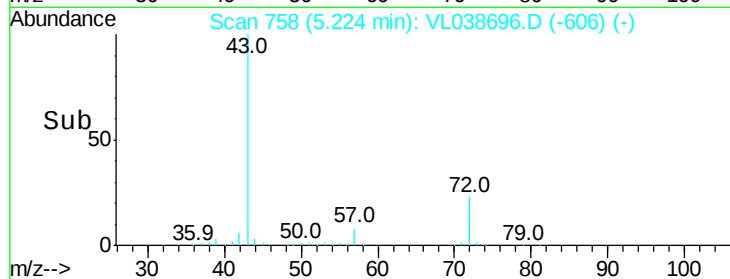
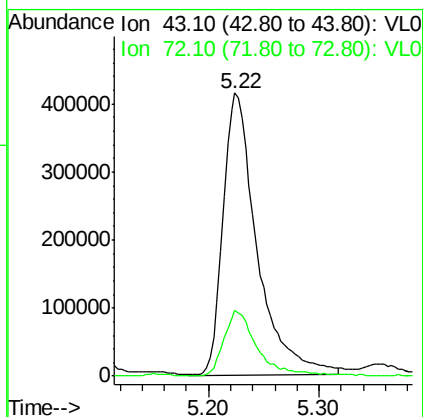
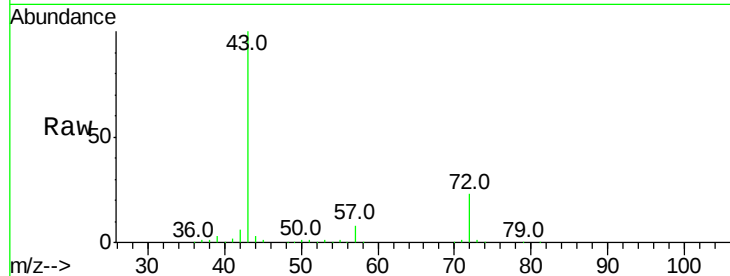
Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0





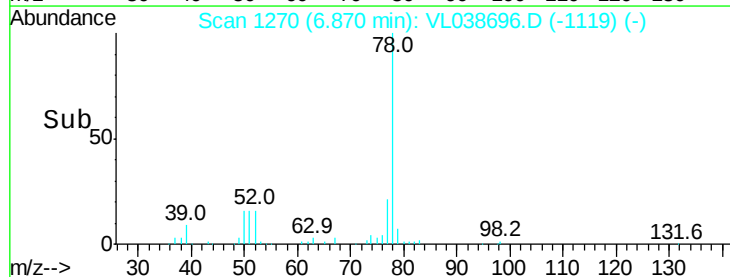
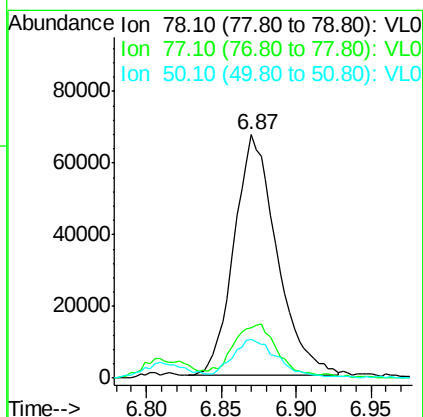
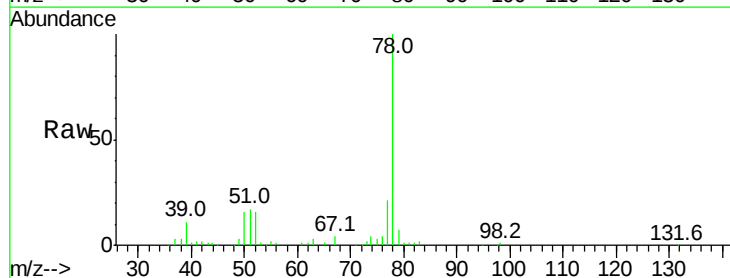
#34
 2-Butanone
 Concen: 9.91 ppbv
 RT: 5.22
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 C0P78
 Acq: 22 Mar 2022 23:04

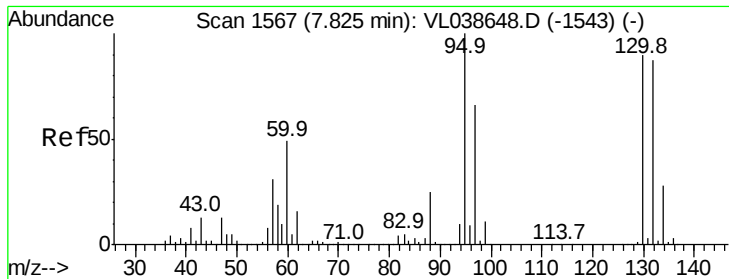
Tgt Ion: 43 Resp: 888989
 Ion Ratio Lower Upper
 43 100
 72 23.4 17.8 26.8



#36
 Benzene
 Concen: 0.76 ppbv
 RT: 6.87 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VL038696.D
 Acq: 22 Mar 2022 23:04

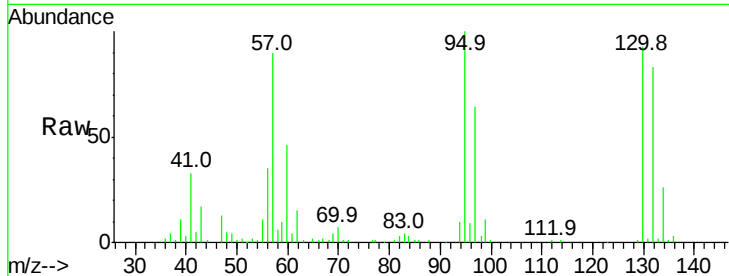
Tgt Ion: 78 Resp: 133803
 Ion Ratio Lower Upper
 78 100
 77 19.9 18.1 27.1
 50 15.7 13.6 20.4





#38
 Trichloroethene
 Concen: 1.74 ppbv
 RT: 7.82
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 22 Mar 2022 23:04

Tgt Ion:	130	Resp:	127554
Ion Ratio	Lower	Upper	
130	100		
95	106.6	88.9	133.3
132	88.2	77.4	116.0
97	68.1	58.2	87.4

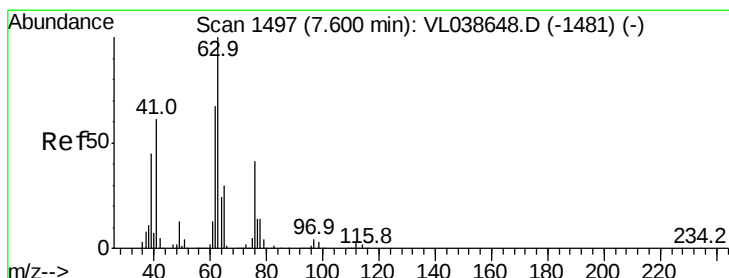
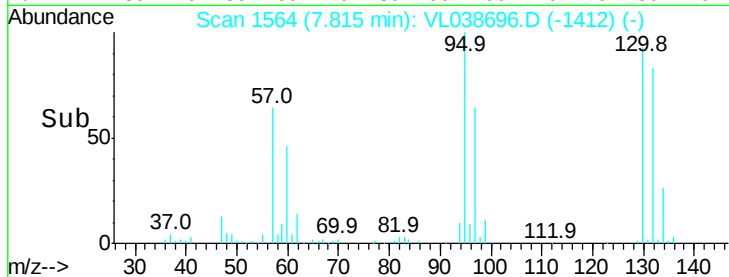
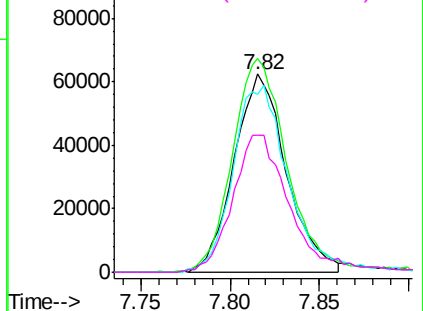


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

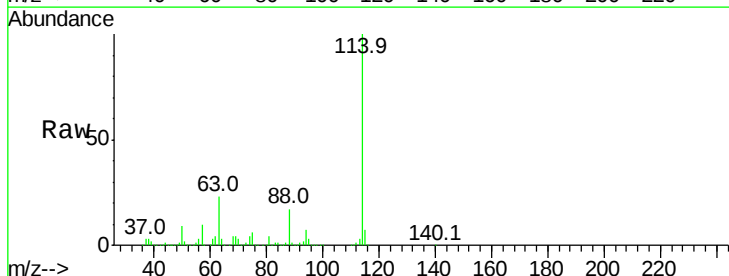
Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#39
 1,2-Dichloropropane
 Concen: 7.44 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.44 min
 Lab File: VL038696.D
 Acq: 22 Mar 2022 23:04

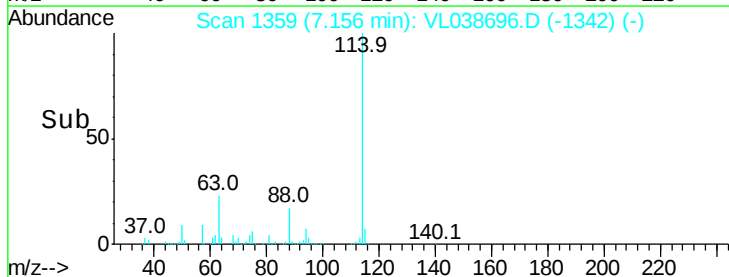
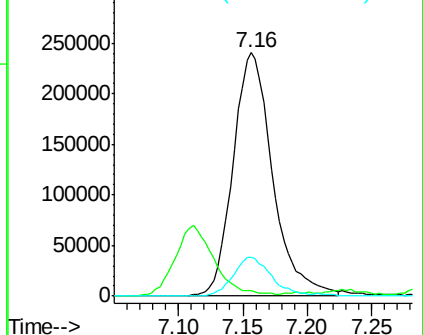
Tgt Ion:	63	Resp:	508792
Ion Ratio	Lower	Upper	
63	100		
41	0.0	49.0	73.6#
62	16.1	53.9	80.9#

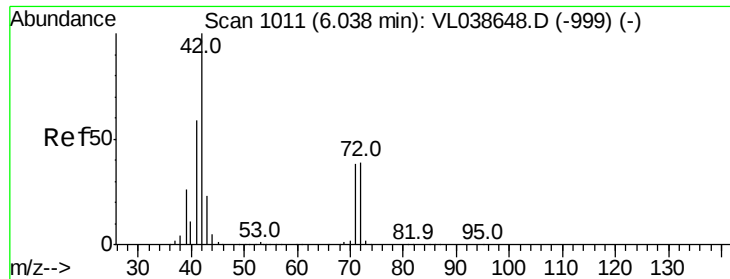


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#41

Tetrahydrofuran

Concen: 39.18 ppbv

RT: 6.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 22 Mar 2022 23:04 COP78

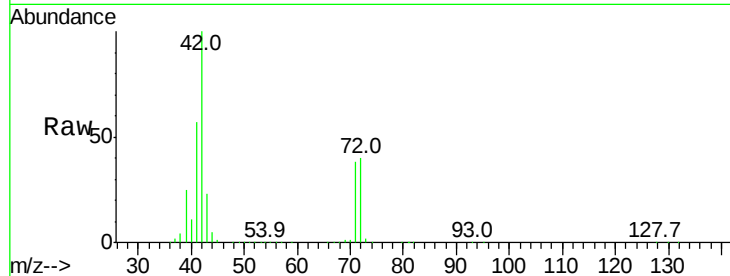
Tgt Ion: 42 Resp: 2616870

Ion Ratio Lower Upper

42 100

72 40.3 32.5 48.7

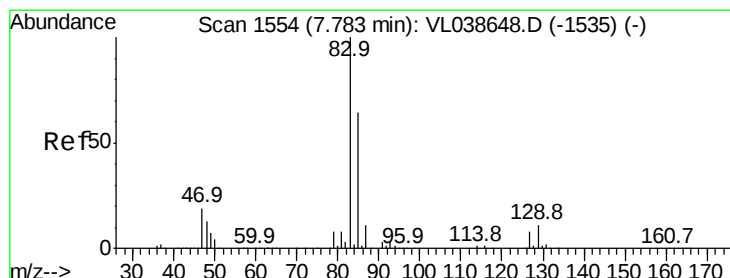
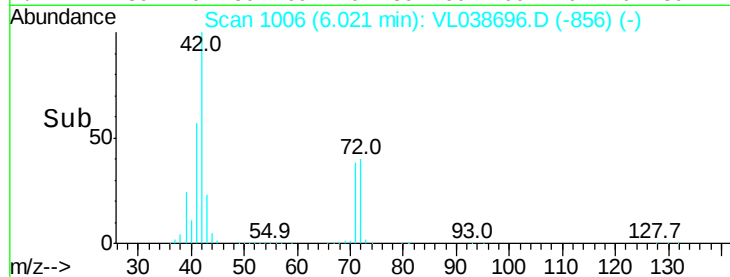
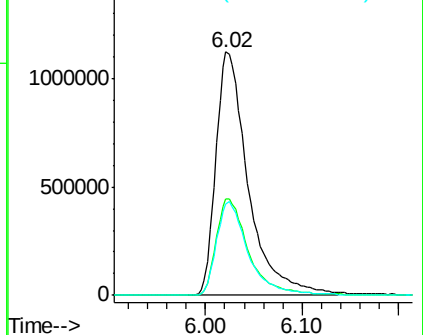
71 38.5 31.4 47.2



Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 0.13 ppbv

RT: 7.77 min Scan# 1550

Delta R.T. -0.01 min

Lab File: VL038696.D

Acq: 22 Mar 2022 23:04

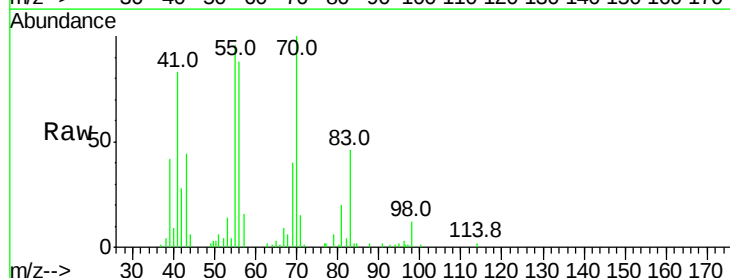
Tgt Ion: 83 Resp: 16824

Ion Ratio Lower Upper

83 100

85 3.7 51.1 76.7#

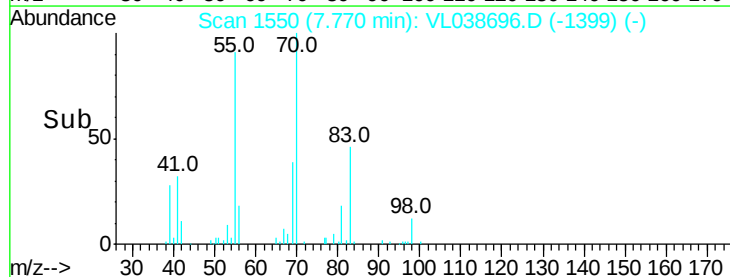
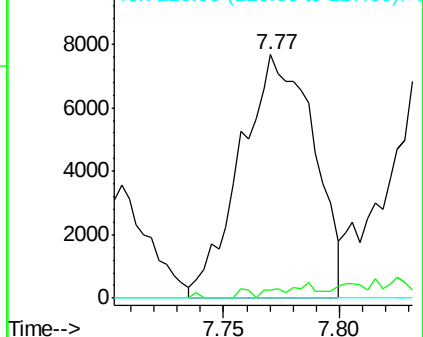
127 0.0 6.5 9.7#

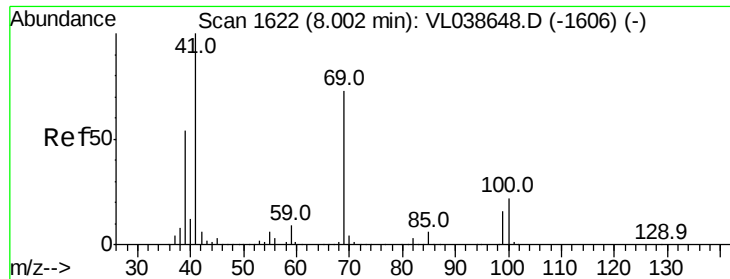


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

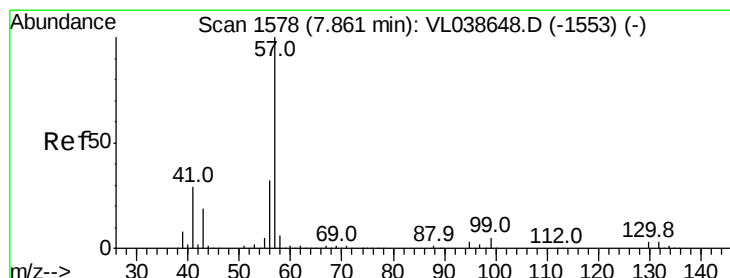
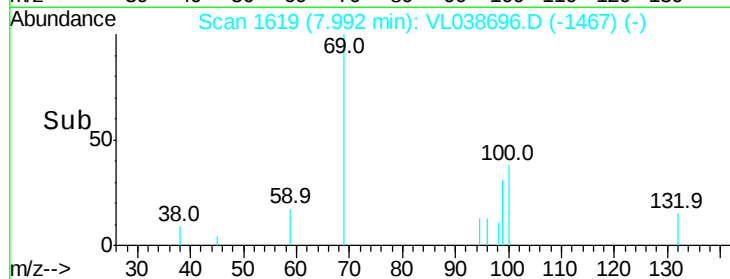
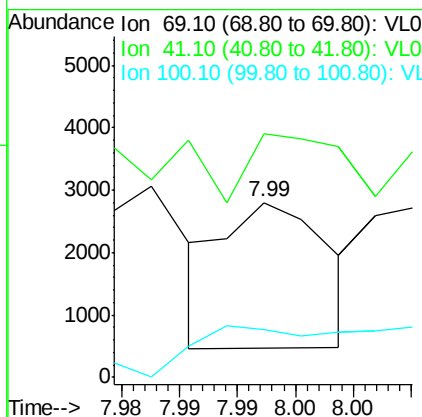
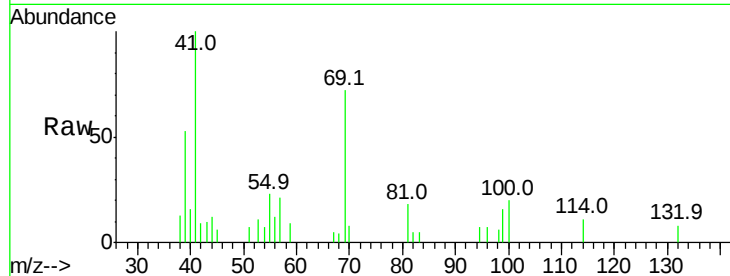
Ion 126.90 (126.60 to 127.60): V





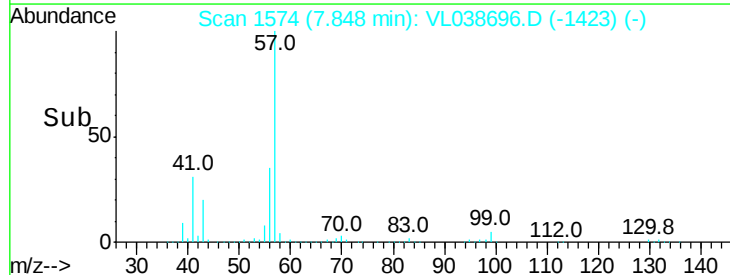
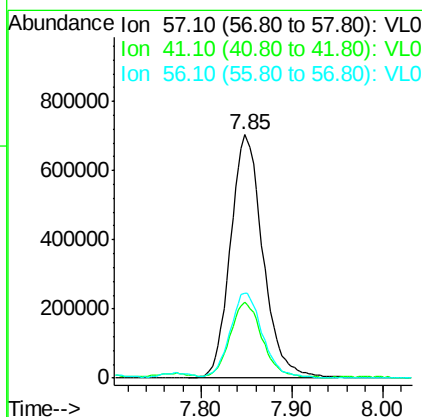
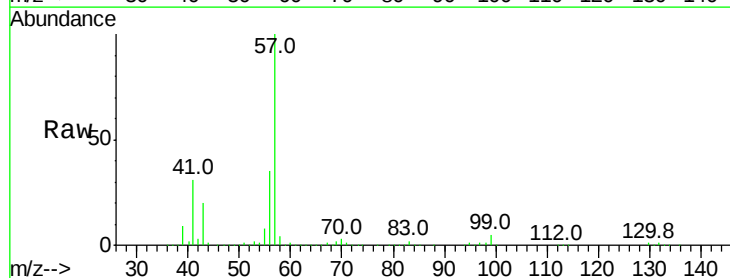
#43
Methyl Methacrylate
Concen: 0.02 ppbv
RT: 7.99
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
COP78
Acq: 22 Mar 2022 23:04

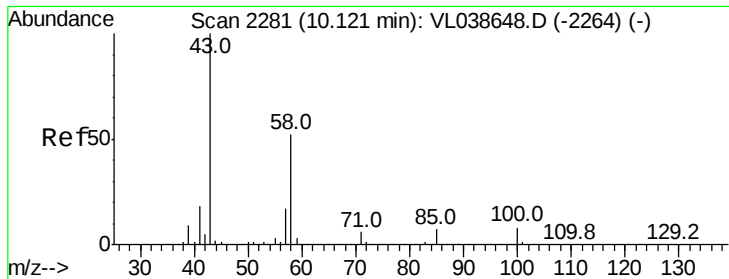
Tgt Ion: 69 Resp: 1482
Ion Ratio Lower Upper
69 100
41 0.0 110.3 165.5#
100 105.2 24.8 37.2#



#44
2,2,4-Trimethylpentane
Concen: 5.89 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VL038696.D
Acq: 22 Mar 2022 23:04

Tgt Ion: 57 Resp: 1730907
Ion Ratio Lower Upper
57 100
41 30.6 23.0 34.4
56 35.6 25.3 37.9





#51

2-Hexanone

Concen: 0.16 ppbv

RT: 10.13

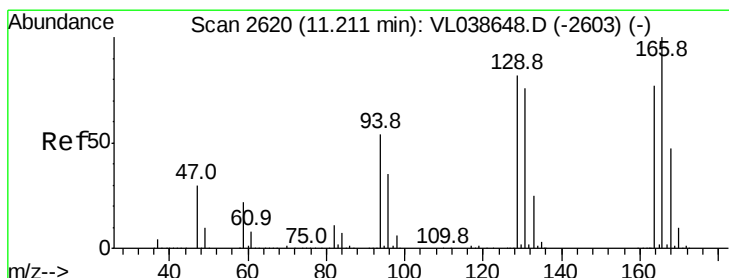
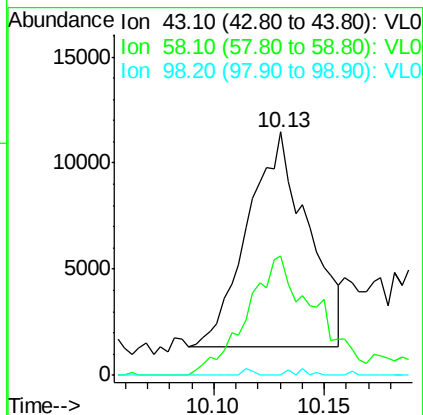
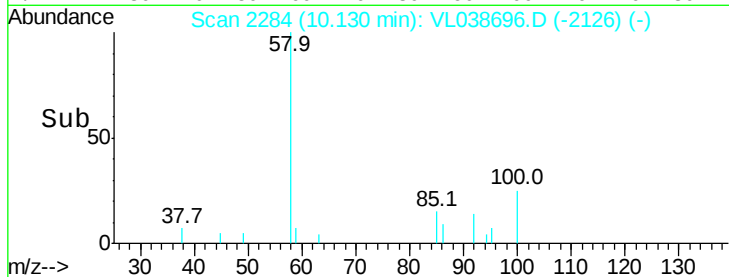
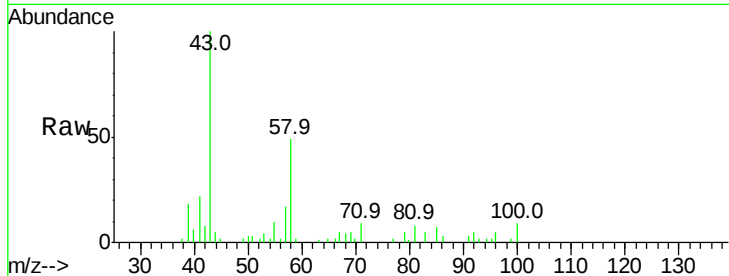
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 22 Mar 2022 23:04

Tgt Ion: 43 Resp: 19320

Ion	Ratio	Lower	Upper
43	100		
58	70.1	41.2	61.8#
98	0.8	0.2	0.4#



#52

Tetrachloroethene

Concen: 40.03 ppbv

RT: 11.20 min Scan# 2618

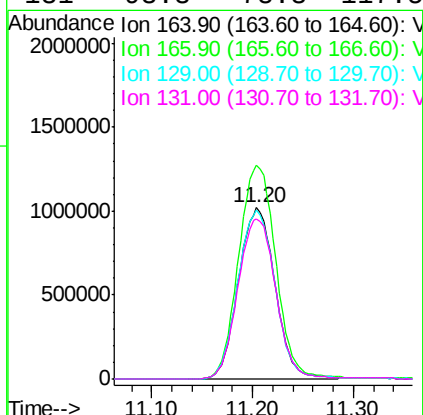
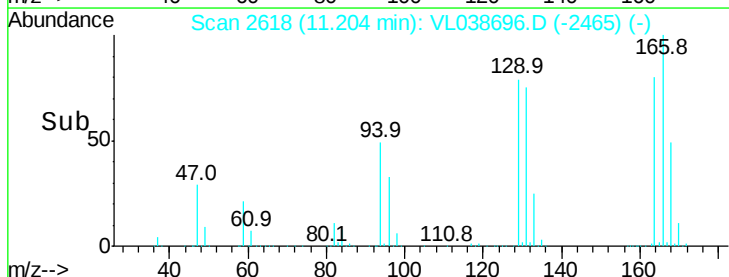
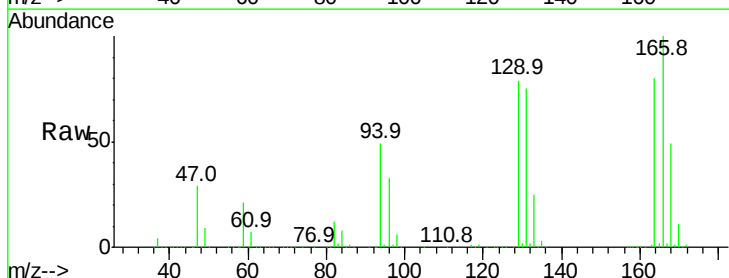
Delta R.T. -0.01 min

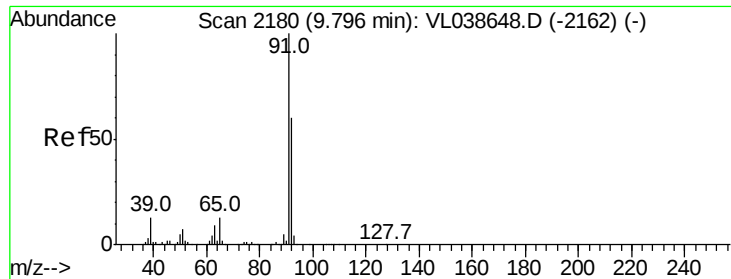
Lab File: VL038696.D

Acq: 22 Mar 2022 23:04

Tgt Ion: 164 Resp: 2563529

Ion	Ratio	Lower	Upper
164	100		
166	124.6	103.3	154.9
129	98.4	85.2	127.8
131	93.3	78.3	117.5





#53

Toluene

Concen: 4.01 ppbv

RT: 9.78 Instrument: MSVOA_1

Delta R.T. -0.01 min

Lab File: ClientSampleId: C0P78

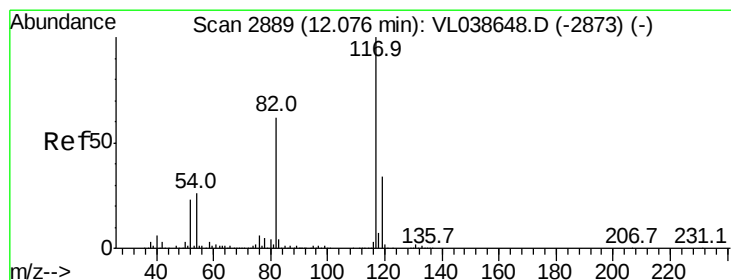
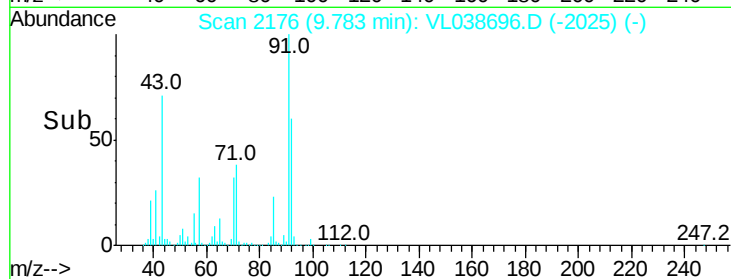
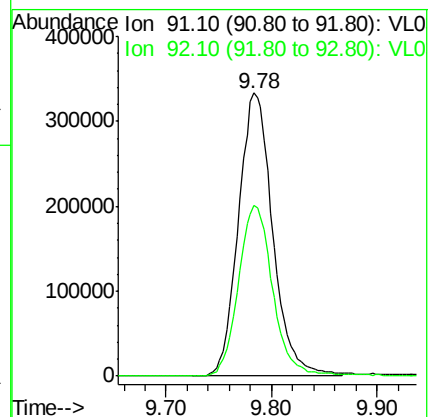
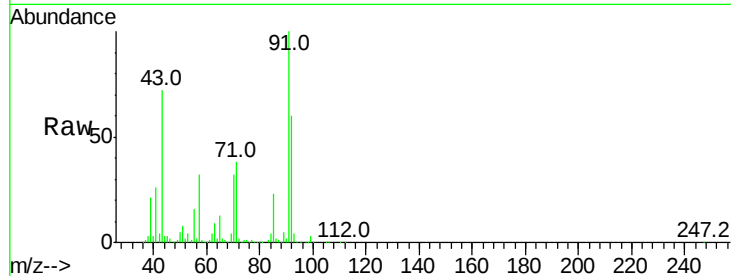
Acq: 22 Mar 2022 23:04

Tgt Ion: 91 Resp: 753761

Ion Ratio Lower Upper

91 100

92 60.7 48.7 73.1



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.06 min Scan# 2885

Delta R.T. -0.01 min

Lab File: VL038696.D

Acq: 22 Mar 2022 23:04

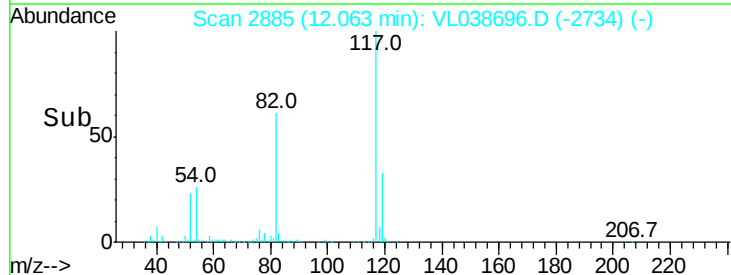
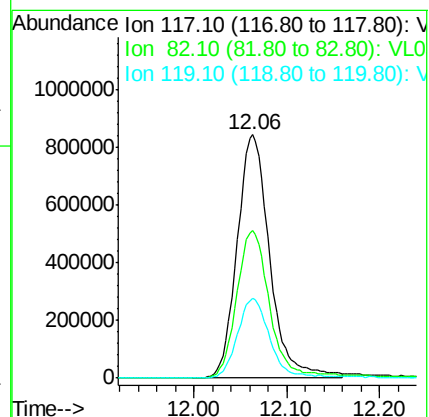
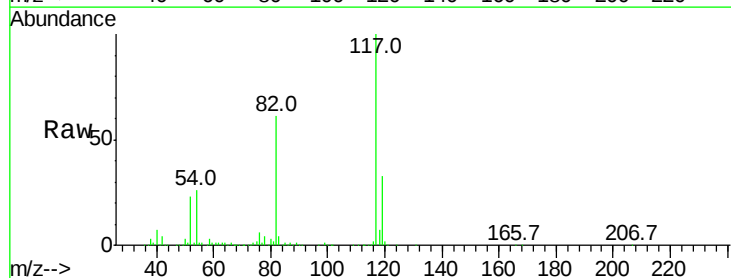
Tgt Ion: 117 Resp: 2063868

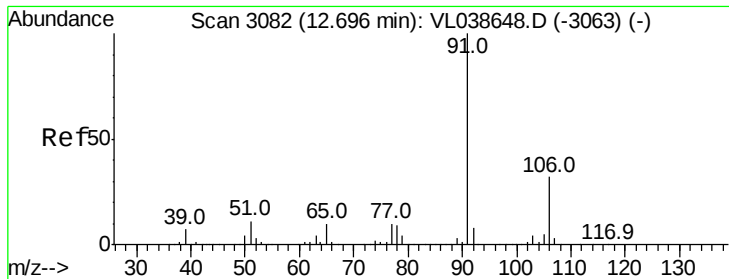
Ion Ratio Lower Upper

117 100

82 63.1 51.6 77.4

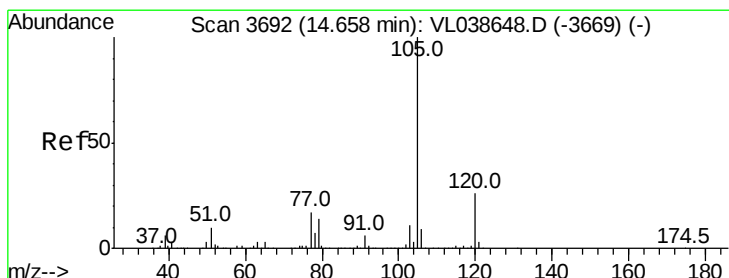
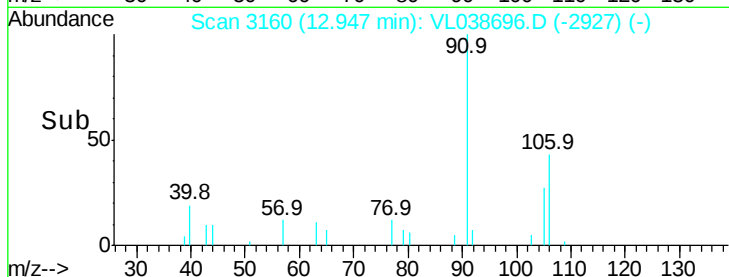
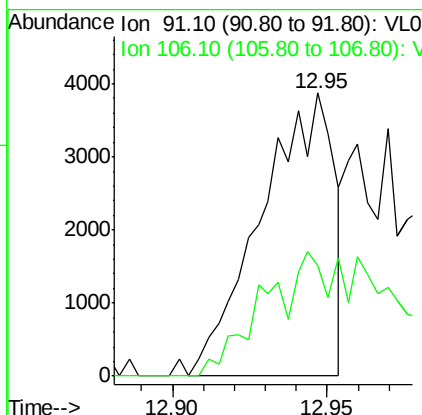
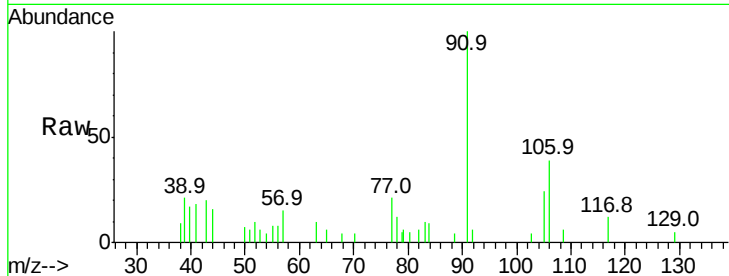
119 33.4 26.9 40.3





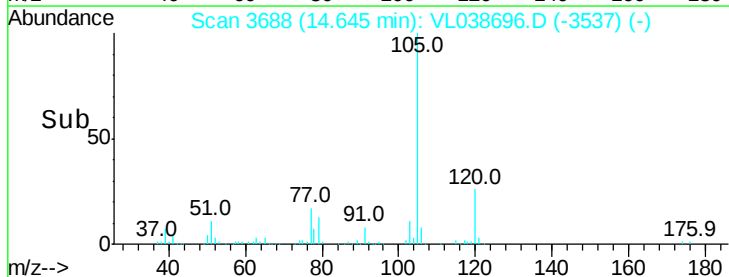
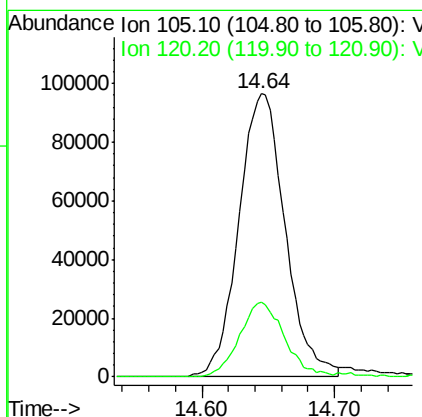
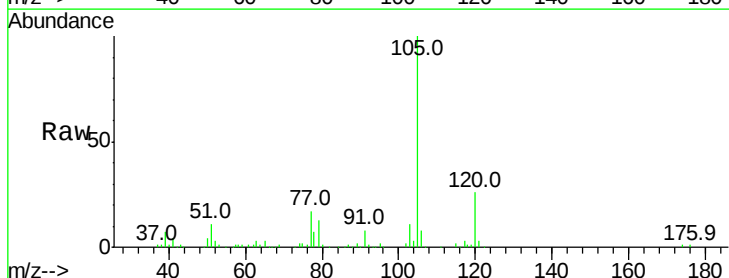
#58
 Ethyl Benzene
 Concen: 0.03 ppbv
 RT: 12.95
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 C0P78
 Acq: 22 Mar 2022 23:04

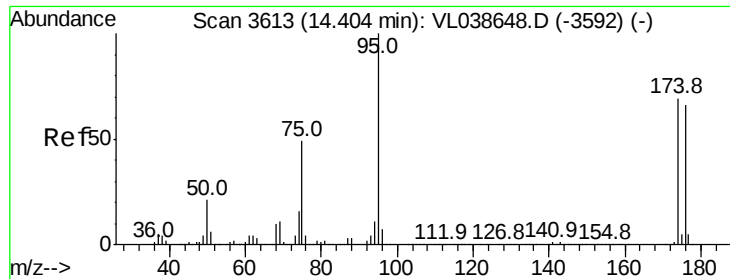
Tgt Ion: 91 Resp: 6329
 Ion Ratio Lower Upper
 91 100
 106 36.7 25.4 38.0



#62
 Isopropylbenzene
 Concen: 0.78 ppbv
 RT: 14.64 min Scan# 3688
 Delta R.T. -0.01 min
 Lab File: VL038696.D
 Acq: 22 Mar 2022 23:04

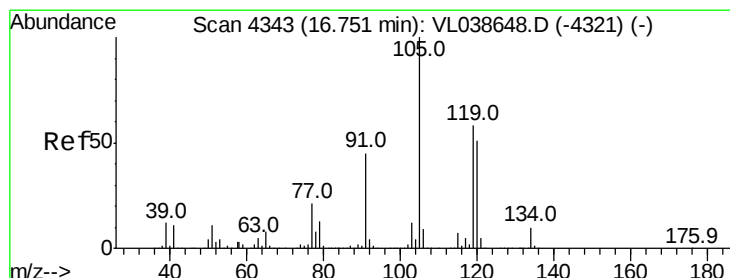
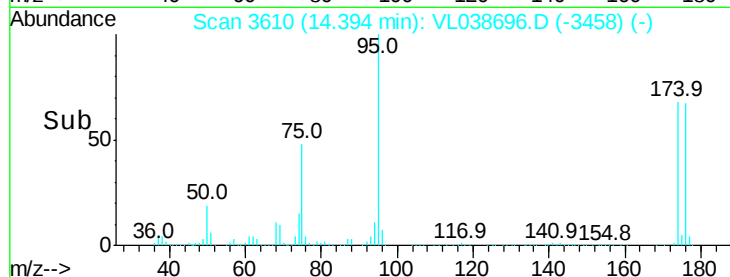
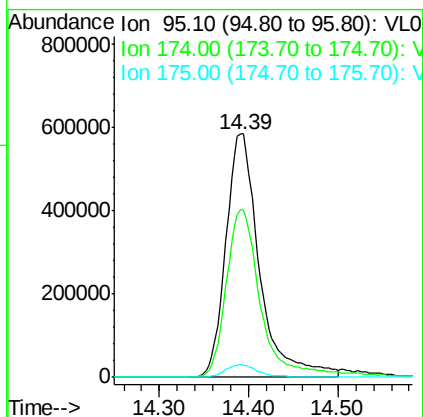
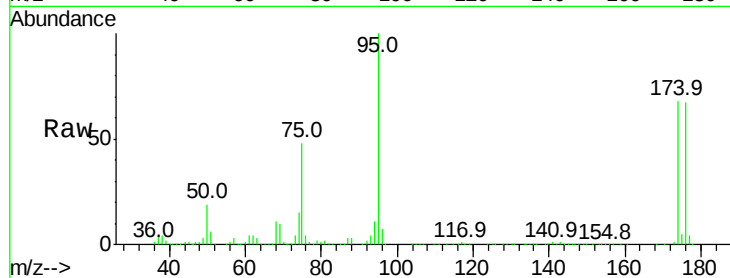
Tgt Ion: 105 Resp: 234586
 Ion Ratio Lower Upper
 105 100
 120 26.5 21.2 31.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.67 ppbv
 RT: 14.39
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 COP78
 Acq: 22 Mar 2022 23:04

Tgt Ion: 95 Resp: 1530700
 Ion Ratio Lower Upper
 95 100
 174 72.3 56.1 84.1
 175 5.5 4.2 6.2



#74
 1,2,4-Trimethylbenzene
 Concen: 0.03 ppbv
 RT: 16.73 min Scan# 4335
 Delta R.T. -0.03 min
 Lab File: VL038696.D
 Acq: 22 Mar 2022 23:04

Tgt Ion: 105 Resp: 7555
 Ion Ratio Lower Upper
 105 100
 120 41.8 40.5 60.7
 91 11.2 35.9 53.9#
 77 9.2 16.6 25.0#

