

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051322\
 Data File : VL039043.D
 Acq On : 13 May 2022 19:01
 Operator : SY/AP
 Sample : N2812-01DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DUP

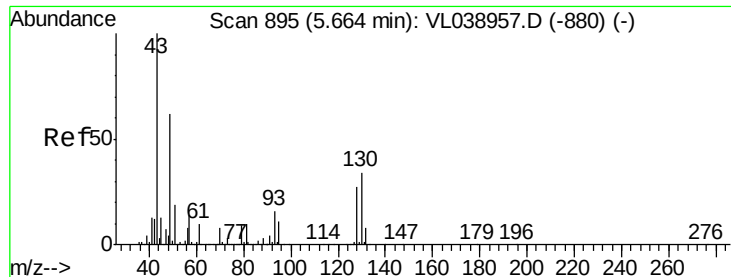
Quant Time: May 14 00:53:54 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 10:12:15 2022
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	855214	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	2120588	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	1768632	10.00	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	1370377	9.78	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.80%

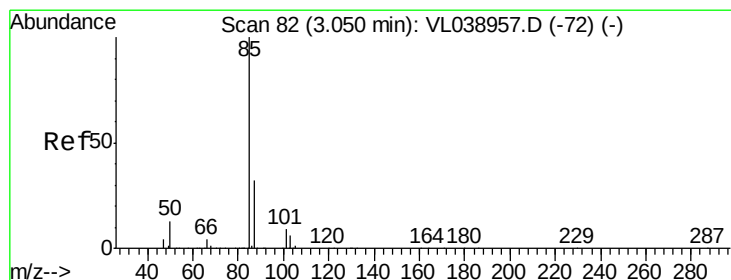
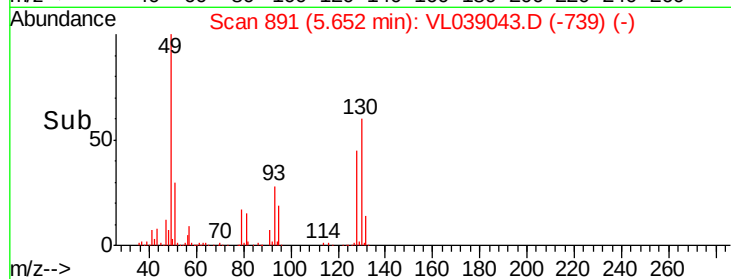
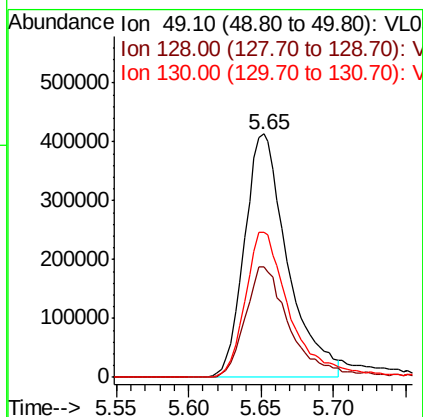
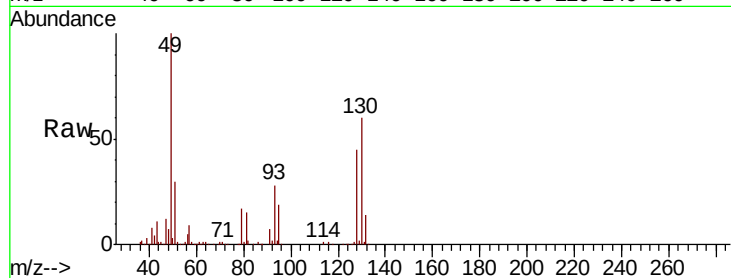
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	28502	0.213	ppbv	90
3) Chlorodifluoromethane	2.98	51	78321	0.738	ppbv #	76
4) Chloromethane	3.13	50	41698	0.785	ppbv	95
9) Propene	3.01	41	74666	1.611	ppbv #	70
10) Heptane	8.10	43	41691	0.367	ppbv	95
11) Trichlorofluoromethane	3.94	101	24641	0.214	ppbv	87
13) Ethanol	3.61	45	15250640	4650.080	ppbv	97
15) Acetone	3.83	43	1262065	15.644	ppbv	99
16) 1,3-Butadiene	3.30	39	10785	0.233	ppbv #	9
17) tert-Butyl alcohol	4.29	59	37932	0.612	ppbv #	66
19) Isopropyl Alcohol	3.97	45	3898425	101.637	ppbv	99
20) Methylene Chloride	4.33	84	225689	7.423	ppbv	97
21) Allyl Chloride	4.33	41	5144	0.094	ppbv #	1
23) Vinyl Acetate	5.05	43	26762	0.419	ppbv #	8
25) Ethyl Acetate	5.67	43	268263	1.389	ppbv #	87
26) Hexane	5.67	57	316175	3.685	ppbv #	45
29) Chloroform	5.74	83	132182	0.952	ppbv	89
30) Cyclohexane	7.11	84	14485	0.202	ppbv #	19
31) cis-1,2-Dichloroethene	5.54	61	10017	0.115	ppbv	95
34) 2-Butanone	5.23	43	368433	3.406	ppbv	99
36) Benzene	6.87	78	23957	0.132	ppbv	98
38) Trichloroethene	7.81	130	4397	0.055	ppbv #	75
39) 1,2-Dichloropropane	7.16	63	576397	8.163	ppbv #	24
41) Tetrahydrofuran	6.03	42	70653	0.972	ppbv	92
42) Bromodichloromethane	7.77	83	6927	0.045	ppbv #	78
44) 2,2,4-Trimethylpentane	7.84	57	39289	0.123	ppbv #	80
52) Tetrachloroethene	11.21	164	5013865	77.313	ppbv	95
53) Toluene	9.78	91	117869	0.579	ppbv	98
58) Ethyl Benzene	12.69	91	21427	0.084	ppbv	90
59) m/p-Xylene	12.97	91	17413	0.080	ppbv #	33
60) o-Xylene	13.67	91	15863	0.078	ppbv	71
73) 1,3,5-Trimethylbenzene	15.97	105	6958	0.033	ppbv #	48
74) 1,2,4-Trimethylbenzene	16.73	105	24450	0.106	ppbv #	67
76) 1,4-Dichlorobenzene	17.11	146	14973	0.121	ppbv	76

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



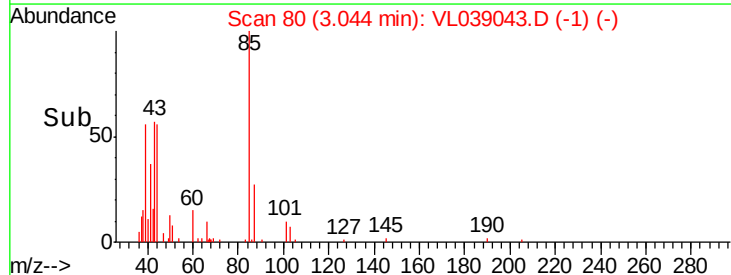
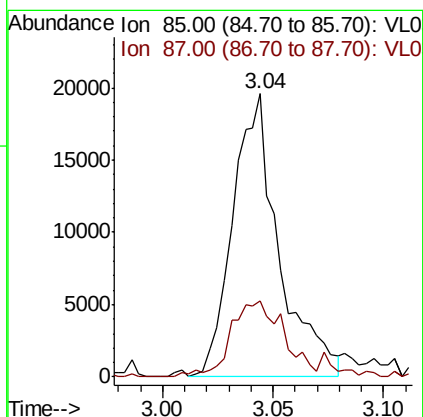
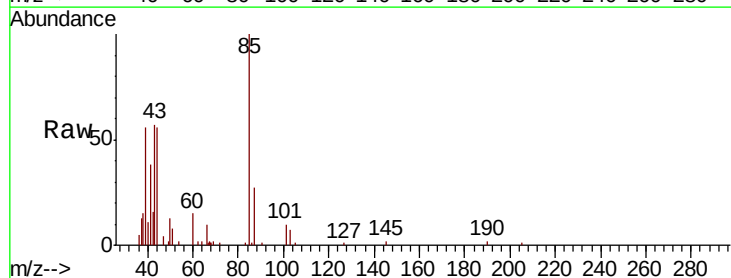
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 13 May 2022 19:01

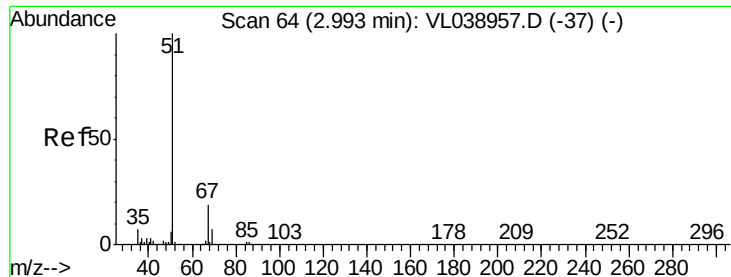
Tot Ion	49	Resp	855214
Ion	Ratio	Lower	Upper
49	100		
128	49.0	23.3	69.8
130	63.2	29.8	89.3



#2
 Dichlorodifluoromethane
 Concen: 0.213 ppbv
 RT: 3.04 min Scan# 80
 Delta R.T. -0.01 min
 Lab File: VL039043.D
 Acq: 13 May 2022 19:01

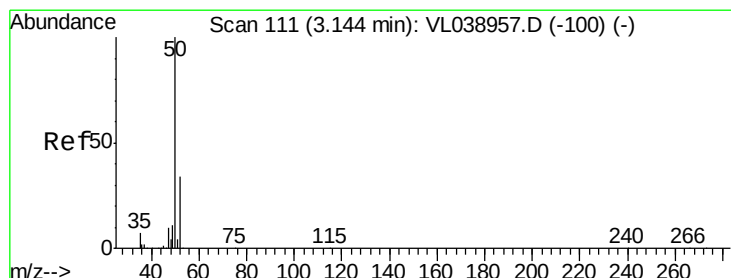
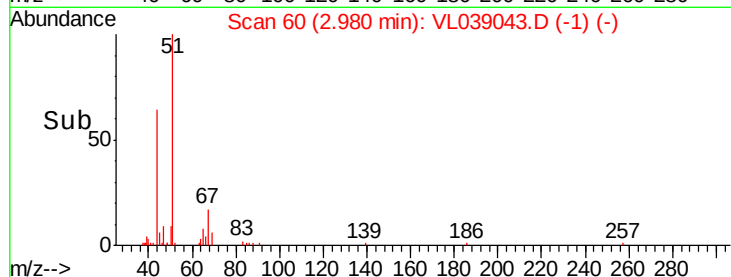
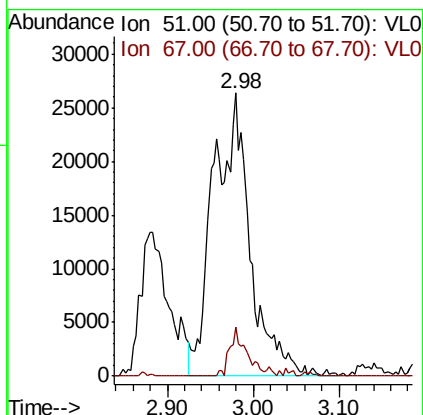
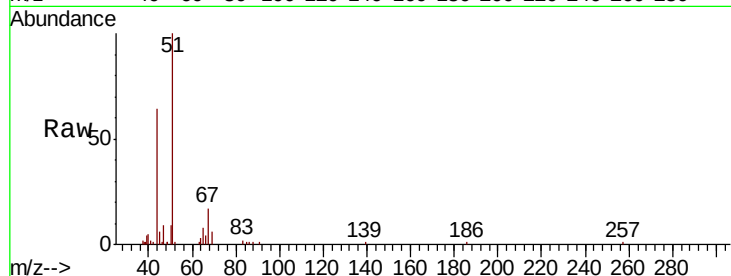
Tgt Ion	85	Resp	28502
Ion	Ratio	Lower	Upper
85	100		
87	26.4	25.7	38.5





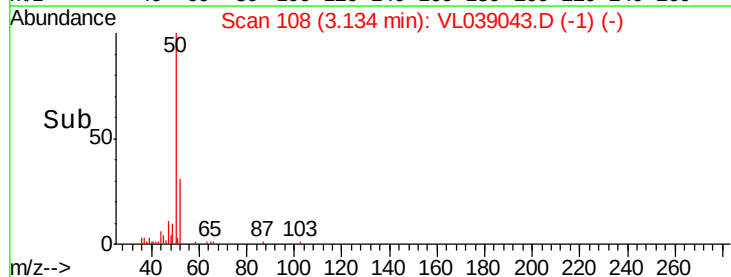
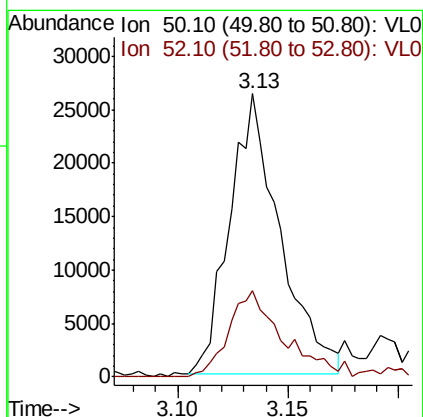
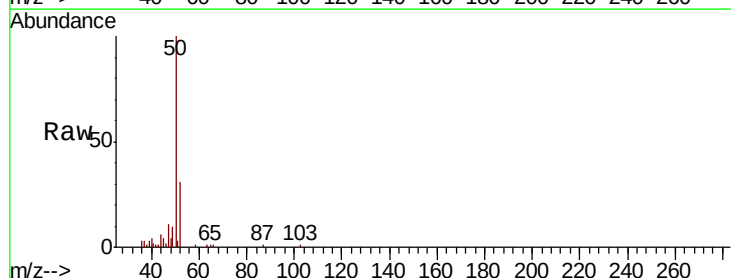
#3
 Chlorodifluoromethane
 Concen: 0.738 ppbv
 RT: 2.98
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 13 May 2022 19:01

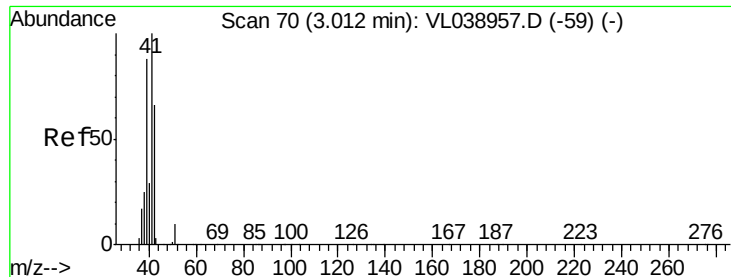
Tot Ion: 51 Resp: 78321
 Ion Ratio Lower Upper
 51 100
 67 8.7 15.8 23.8#



#4
 Chloromethane
 Concen: 0.785 ppbv
 RT: 3.13 min Scan# 108
 Delta R.T. -0.01 min
 Lab File: VL039043.D
 Acq: 13 May 2022 19:01

Tgt Ion: 50 Resp: 41698
 Ion Ratio Lower Upper
 50 100
 52 31.0 27.3 40.9





#9

Propene

Concen: 1.611 ppbv

RT: 3.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

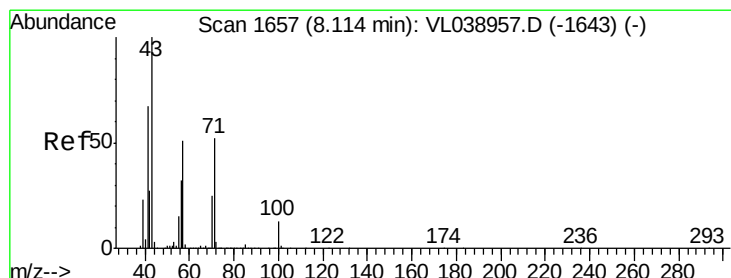
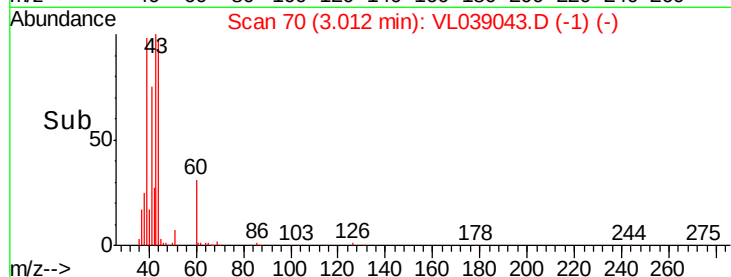
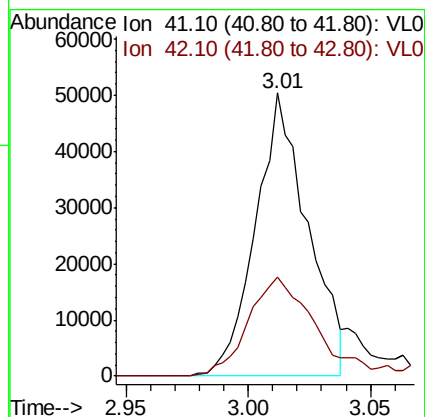
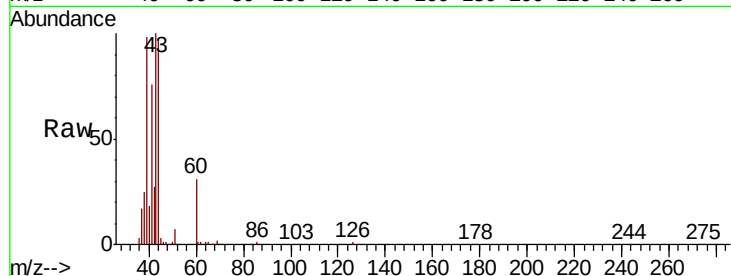
Acq: 13 May 2022 19:01

Tot Ion: 41 Resp: 74666

Ion Ratio Lower Upper

41 100

42 47.4 58.3 87.5#



#10

Heptane

Concen: 0.367 ppbv

RT: 8.10 min Scan# 1654

Delta R.T. -0.01 min

Lab File: VL039043.D

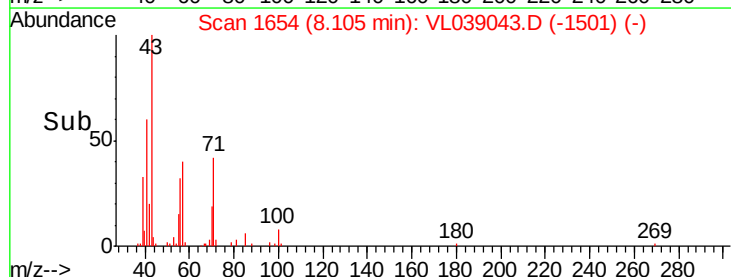
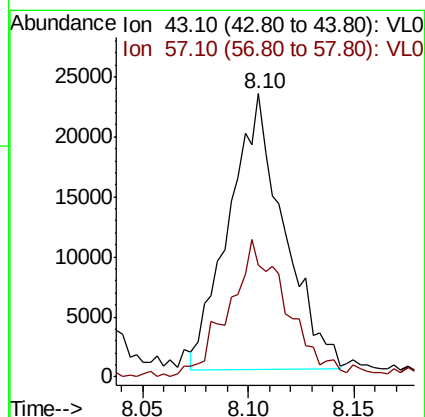
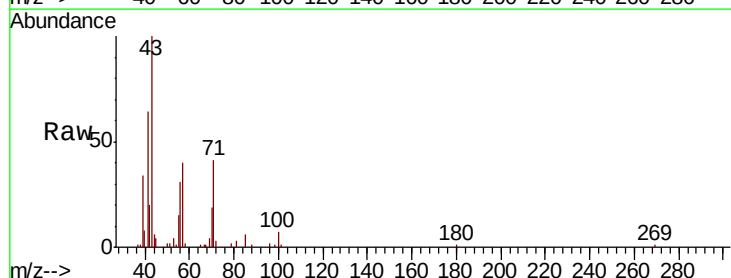
Acq: 13 May 2022 19:01

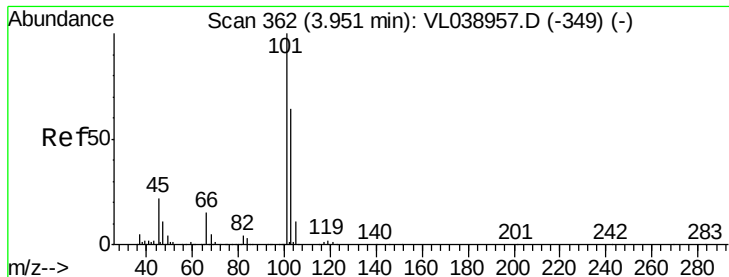
Tgt Ion: 43 Resp: 41691

Ion Ratio Lower Upper

43 100

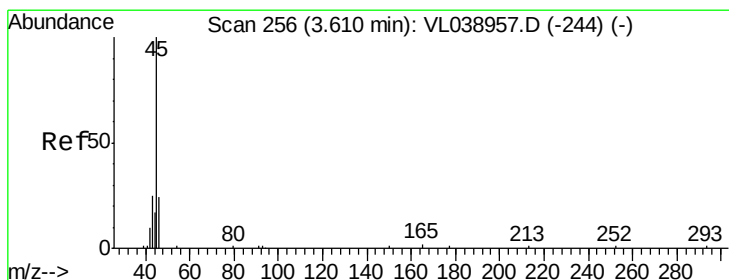
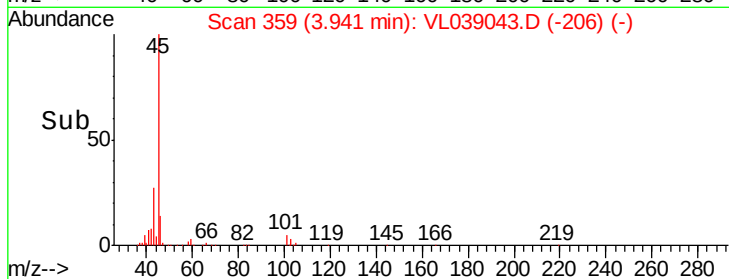
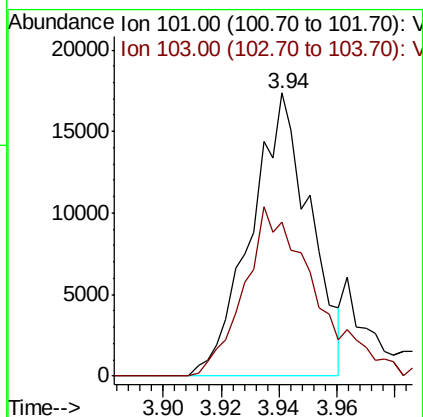
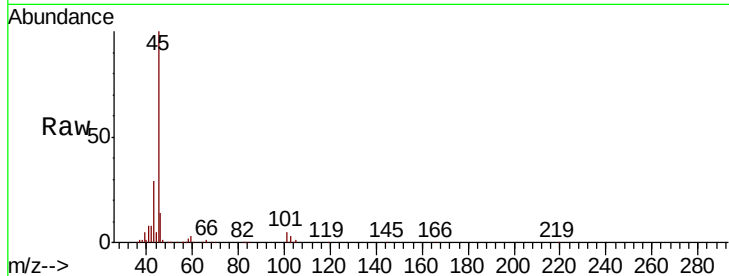
57 53.9 40.5 60.7





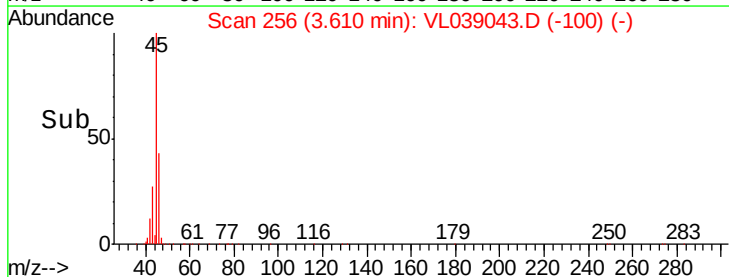
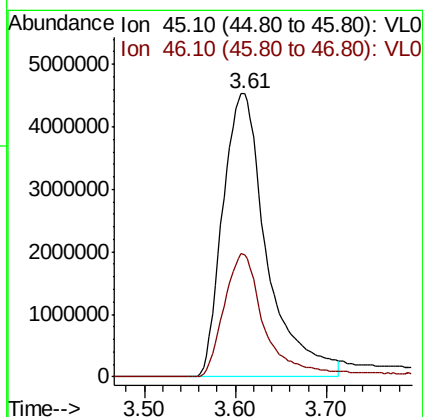
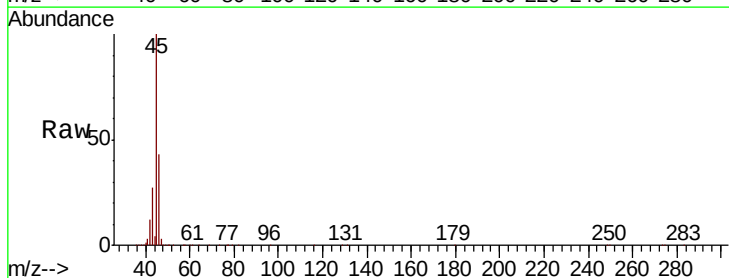
#11
 Trichlorofluoromethane
 Concen: 0.214 ppbv
 RT: 3.94
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 13 May 2022 19:01

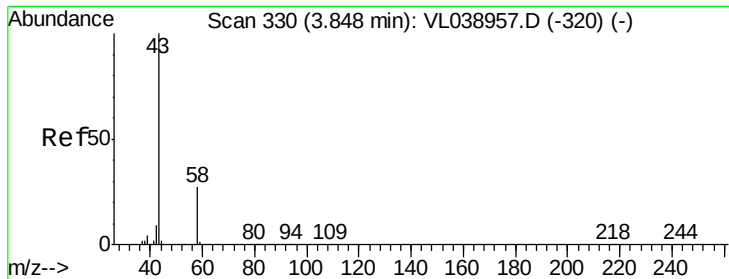
Tot Ion:101 Resp: 24641
 Ion Ratio Lower Upper
 101 100
 103 54.3 51.5 77.3



#13
 Ethanol
 Concen: 4650.080 ppbv
 RT: 3.61 min Scan# 256
 Delta R.T. 0.00 min
 Lab File: VL039043.D
 Acq: 13 May 2022 19:01

Tgt Ion: 45 Resp:15250640
 Ion Ratio Lower Upper
 45 100
 46 42.9 18.0 72.2





#15

Acetone

Concen: 15.644 ppbv

RT: 3.83

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

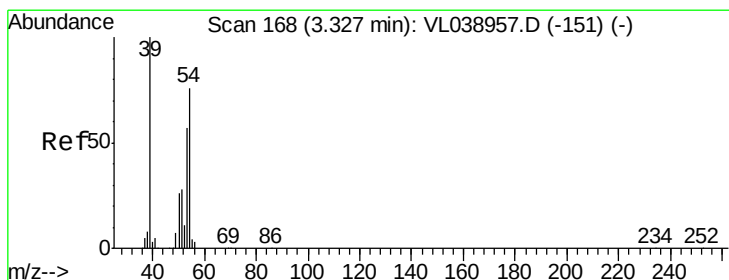
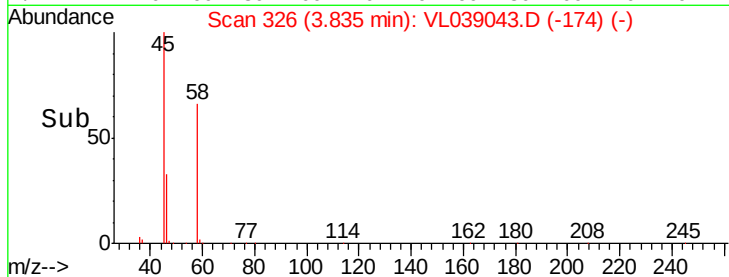
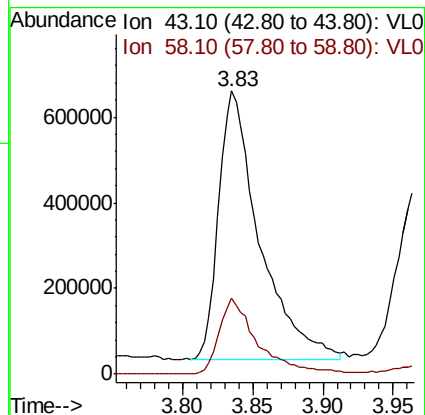
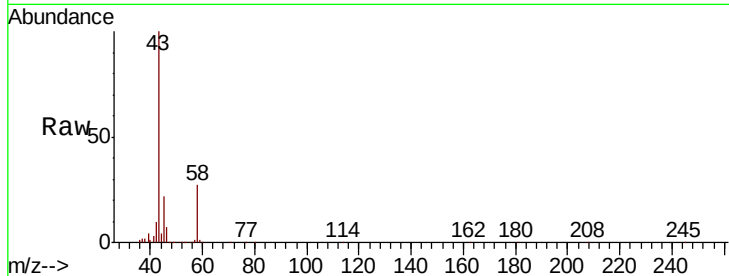
Acq: 13 May 2022 19:01

Tot Ion: 43 Resp: 1262065

Ion Ratio Lower Upper

43 100

58 27.0 21.3 31.9



#16

1,3-Butadiene

Concen: 0.233 ppbv

RT: 3.30 min Scan# 159

Delta R.T. -0.03 min

Lab File: VL039043.D

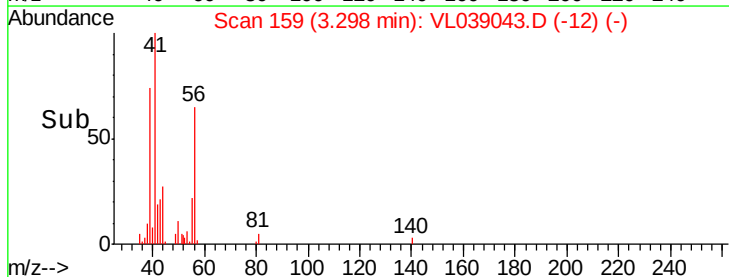
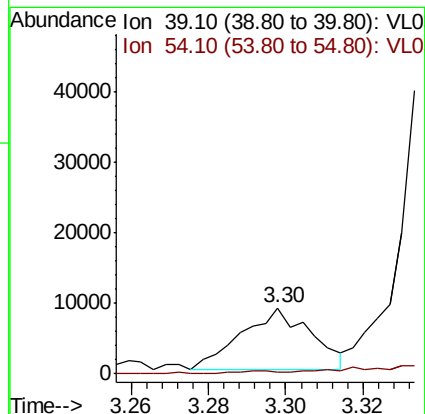
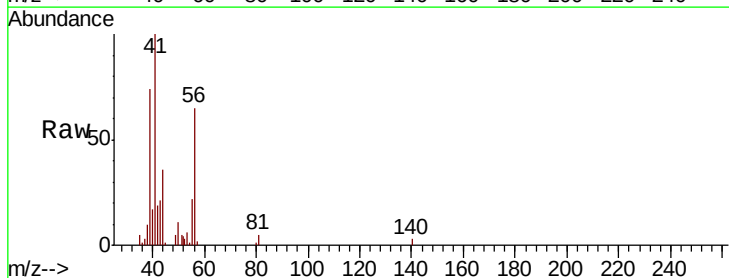
Acq: 13 May 2022 19:01

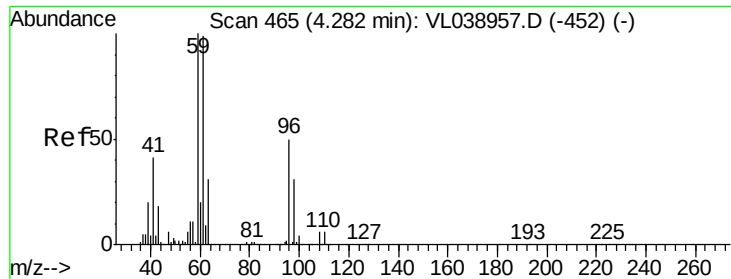
Tgt Ion: 39 Resp: 10785

Ion Ratio Lower Upper

39 100

54 0.0 65.2 97.8#





#17

tert-Butyl alcohol

Concen: 0.612 ppbv

RT: 4.29 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

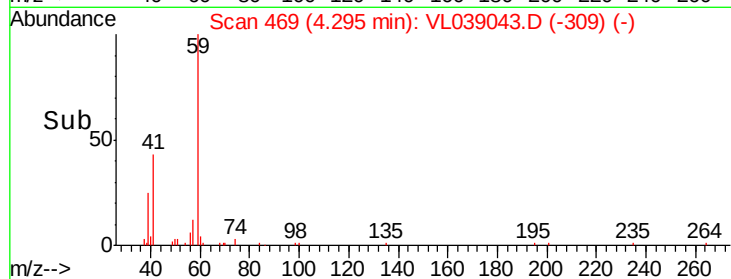
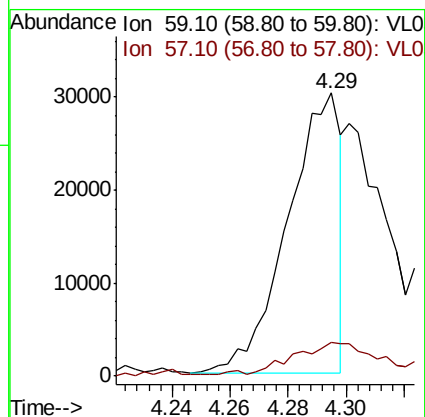
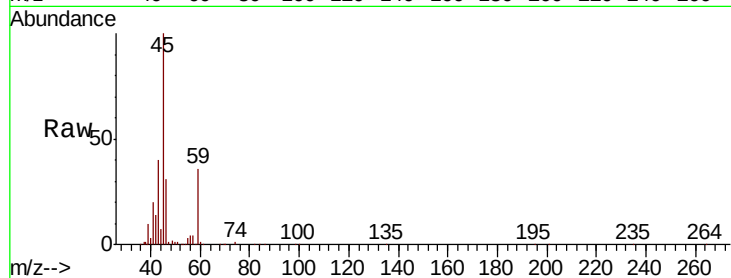
Acq: 13 May 2022 19:01

Tot Ion: 59 Resp: 37932

Ion Ratio Lower Upper

59 100

57 24.7 9.2 13.8#



#19

Isopropyl Alcohol

Concen: 101.637 ppbv

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VL039043.D

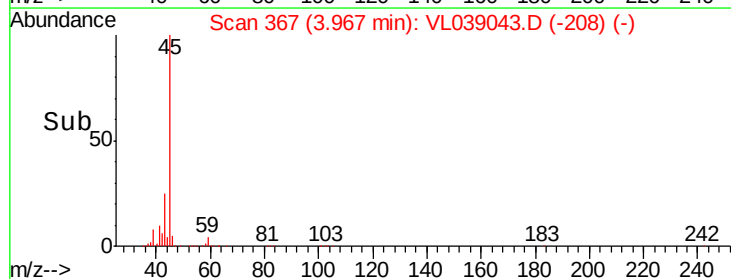
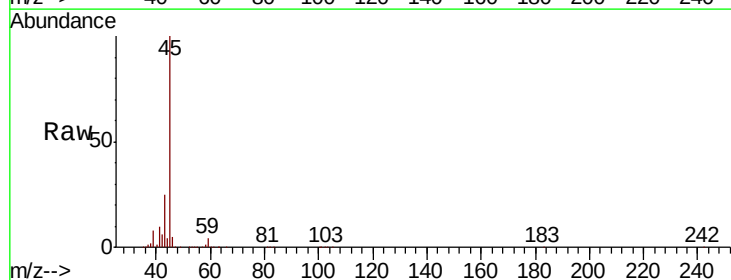
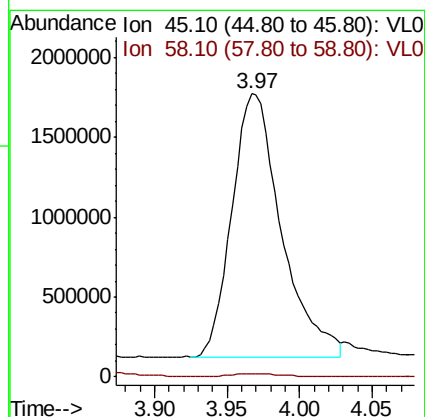
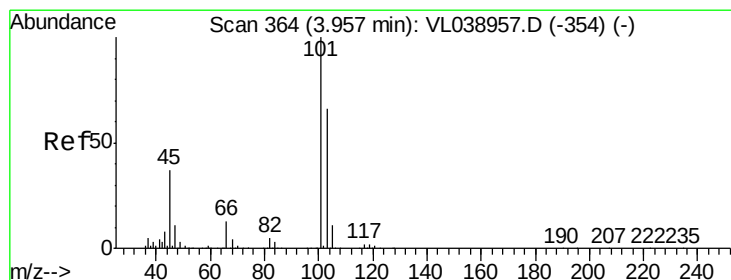
Acq: 13 May 2022 19:01

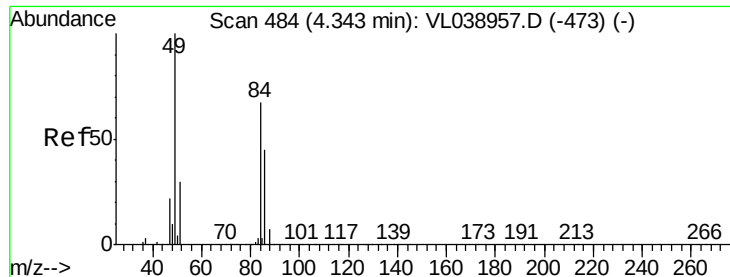
Tgt Ion: 45 Resp: 3898425

Ion Ratio Lower Upper

45 100

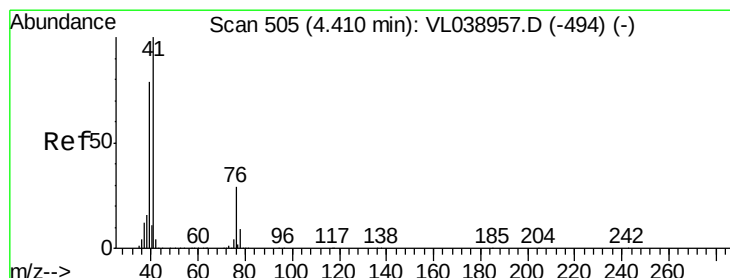
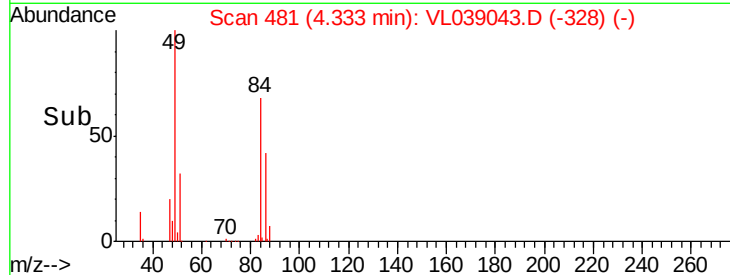
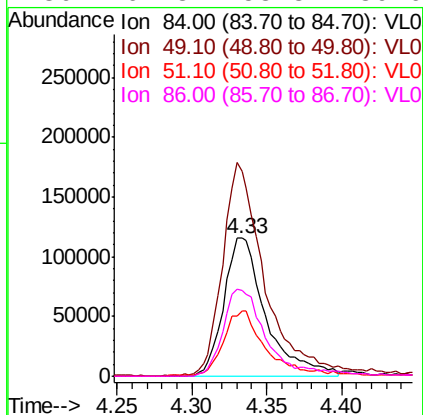
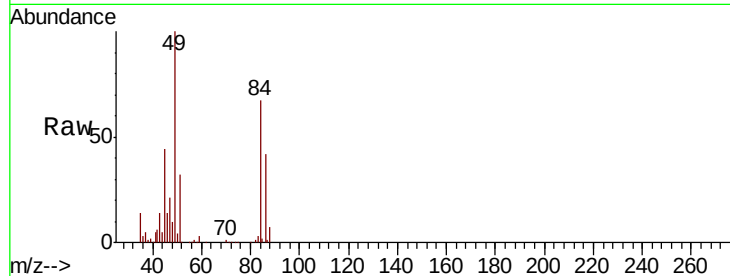
58 1.6 1.4 2.2





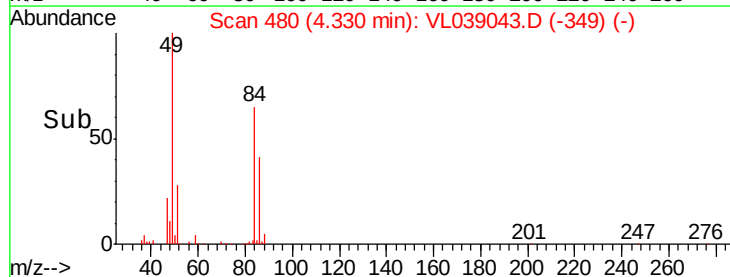
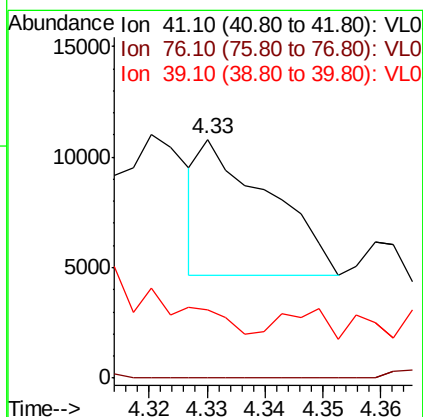
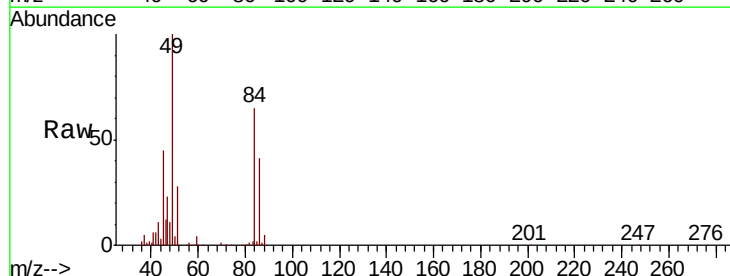
#20
Methvlene Chloride
Concen: 7.423 ppbv
RT: 4.33
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 13 May 2022 19:01

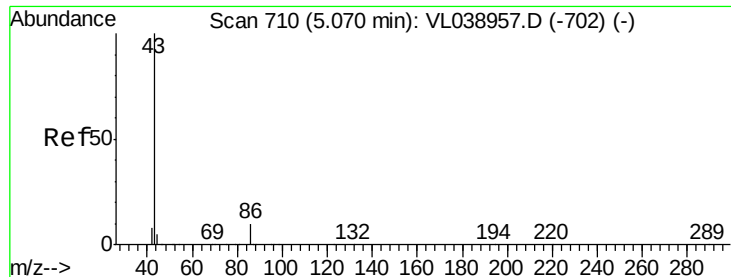
Tot Ion:	84	Resp:	225689
Ion	Ratio	Lower	Upper
84	100		
49	147.0	119.9	179.9
51	46.5	35.7	53.5
86	62.3	53.8	80.6



#21
Allyl Chloride
Concen: 0.094 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.08 min
Lab File: VL039043.D
Acq: 13 May 2022 19:01

Tgt Ion:	41	Resp:	5144
Ion	Ratio	Lower	Upper
41	100		
76	134.2	24.2	36.4#
39	0.0	63.8	95.8#





#23

Vinyl Acetate

Concen: 0.419 ppbv

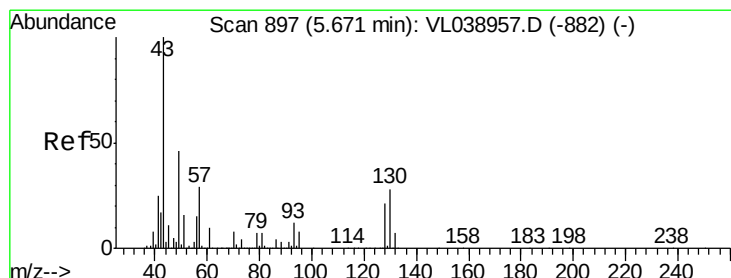
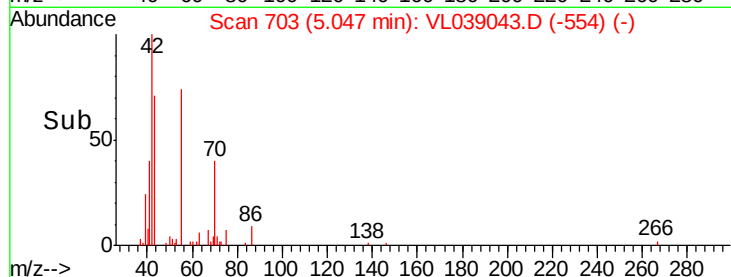
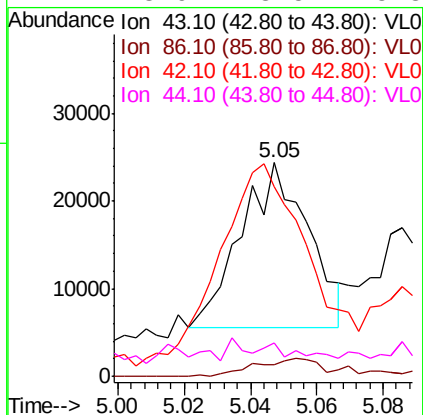
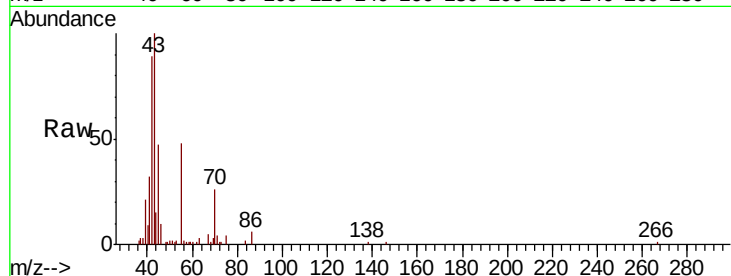
RT: 5.05 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 13 May 2022 19:01

Tot Ion:	43	Resp:	26762
Ion	Ratio	Lower	Upper
43	100		
86	7.3	6.6	9.8
42	84.3	8.1	12.1#
44	8.9	3.5	5.3#



#25

Ethyl Acetate

Concen: 1.389 ppbv

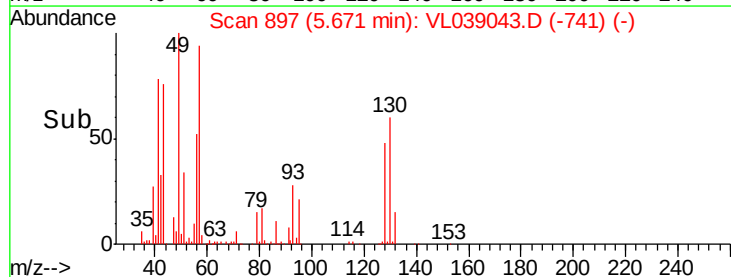
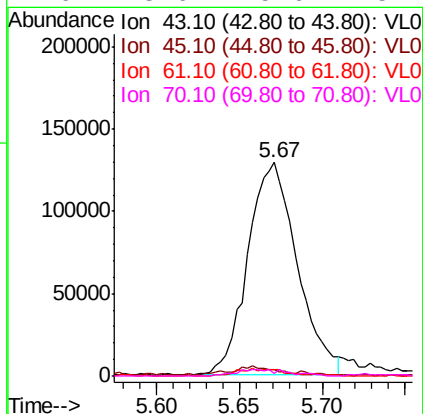
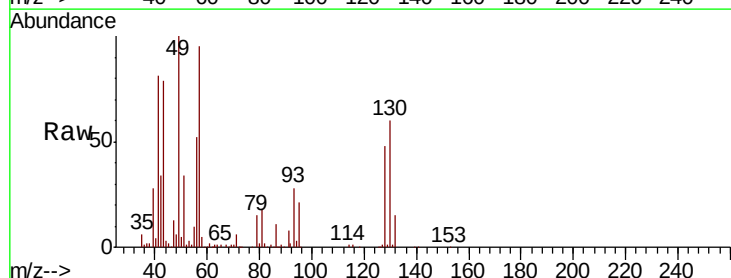
RT: 5.67 min Scan# 897

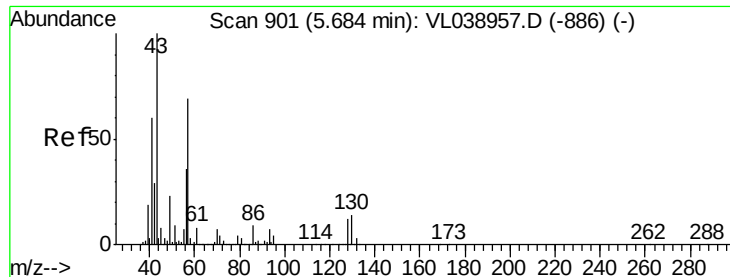
Delta R.T. 0.00 min

Lab File: VL039043.D

Acq: 13 May 2022 19:01

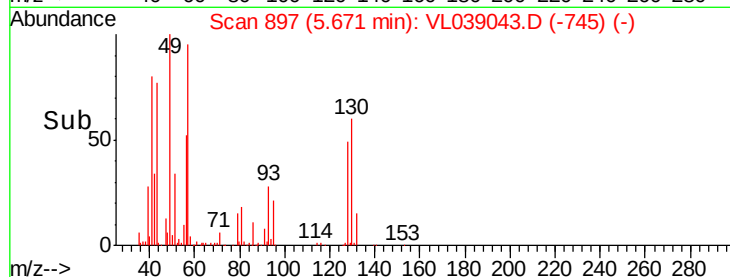
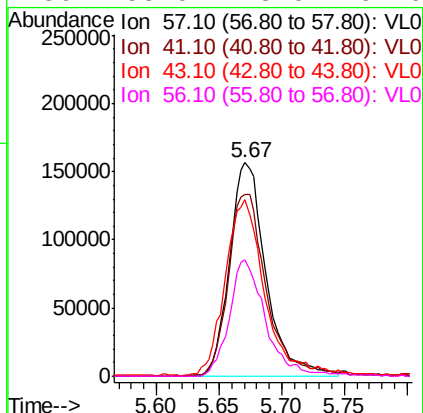
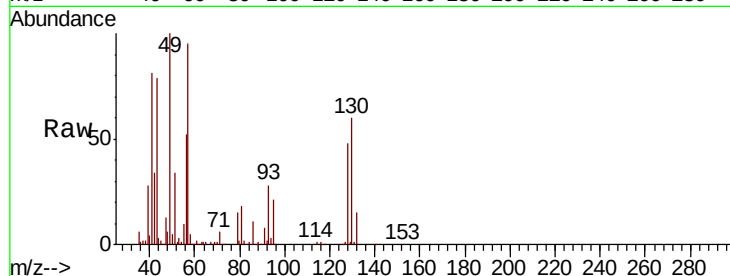
Tgt Ion:	43	Resp:	268263
Ion	Ratio	Lower	Upper
43	100		
45	5.7	8.1	12.1#
61	3.6	7.8	11.6#
70	3.6	5.6	8.4#





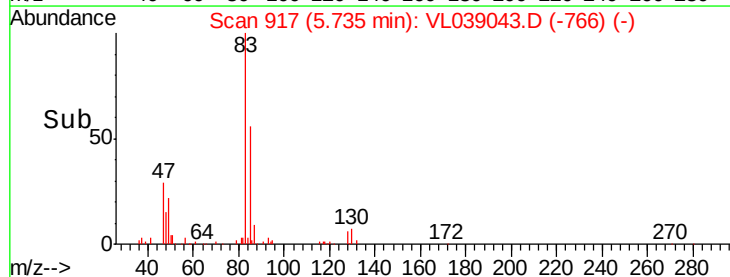
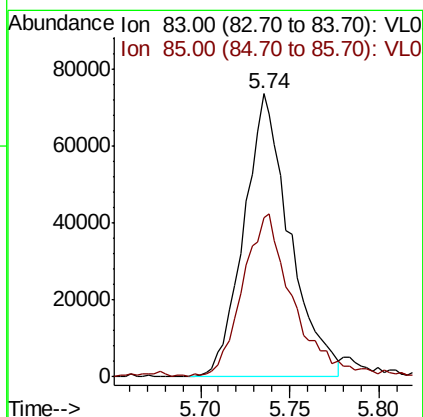
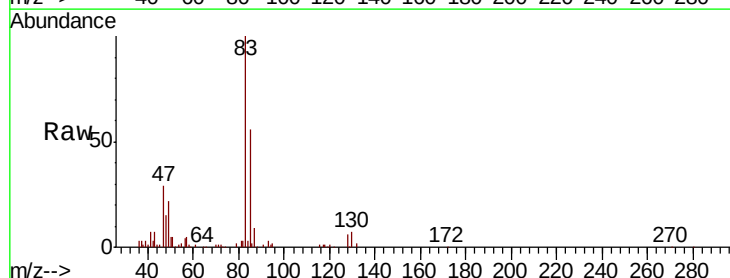
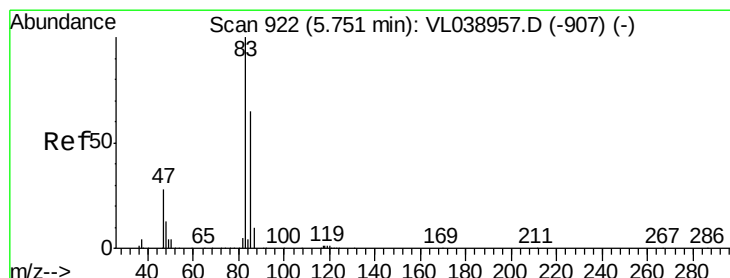
#26
Hexane
Concen: 3.685 ppbv
RT: 5.67
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 13 May 2022 19:01

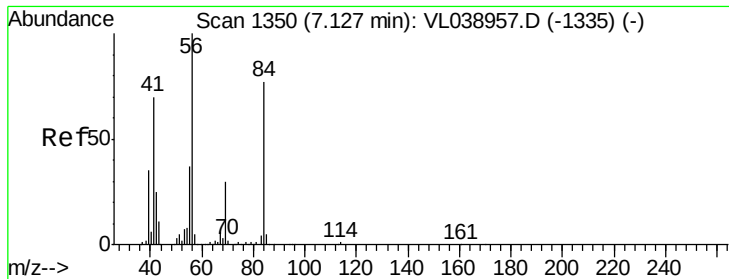
Tot Ion:	57	Resp:	316175
Ion	Ratio	Lower	Upper
57	100		
41	90.4	75.2	112.8
43	90.9	190.8	286.2#
56	55.0	43.0	64.6



#29
Chloroform
Concen: 0.952 ppbv
RT: 5.74 min Scan# 917
Delta R.T. -0.02 min
Lab File: VL039043.D
Acq: 13 May 2022 19:01

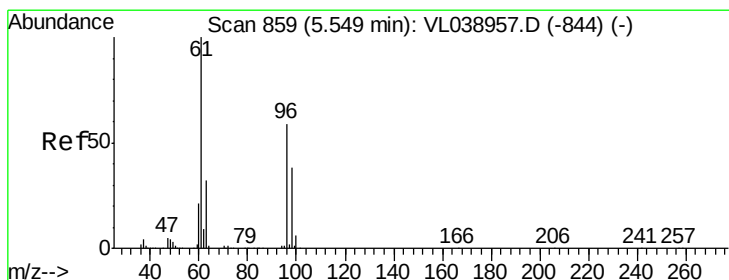
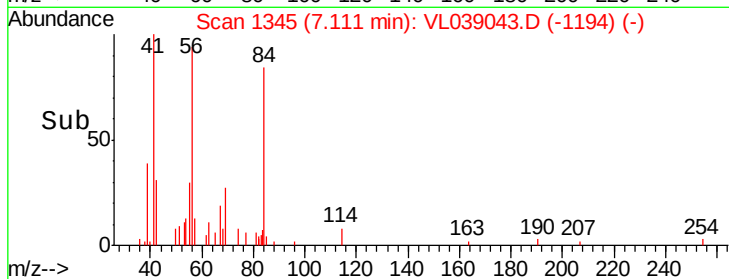
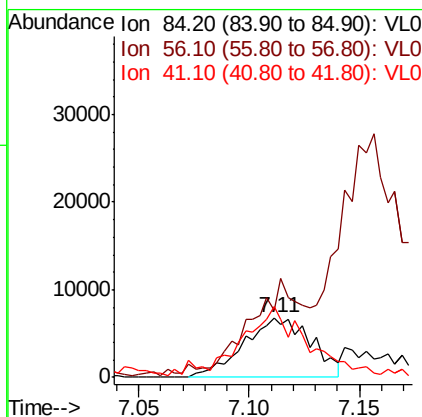
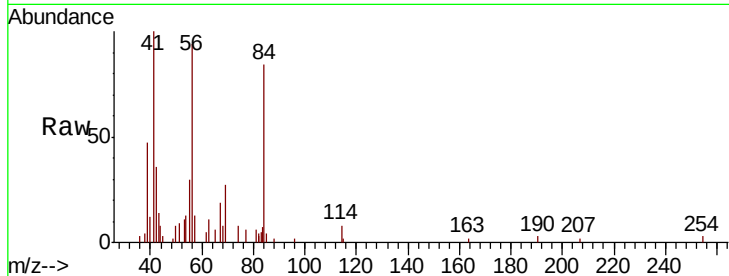
Tgt Ion:	83	Resp:	132182
Ion	Ratio	Lower	Upper
83	100		
85	56.2	51.8	77.6





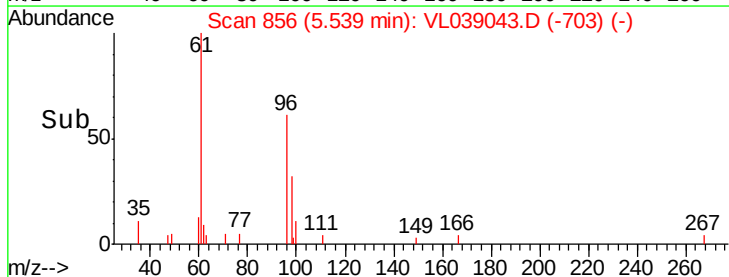
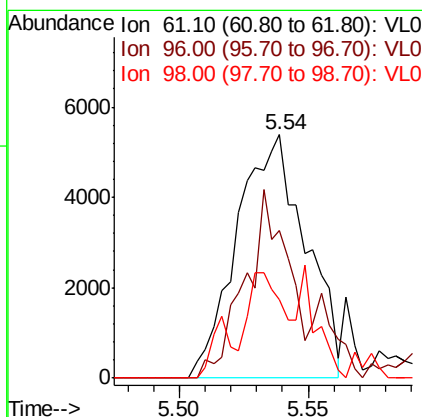
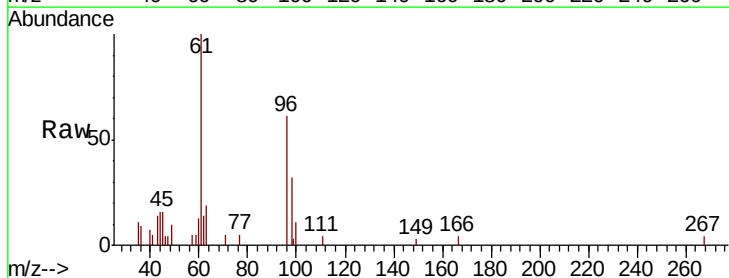
#30
Cyclohexane
Concen: 0.202 ppbv
RT: 7.11 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 13 May 2022 19:01

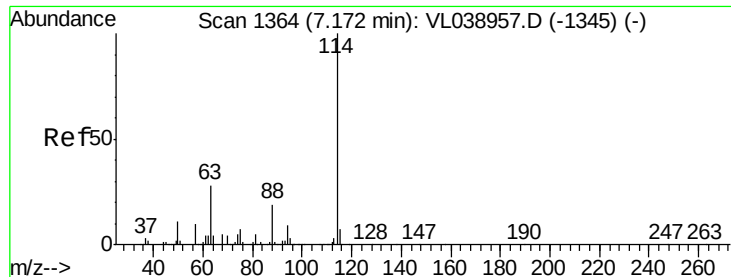
Tot Ion	84	Resp	14485
Ion Ratio	Lower	Upper	
84	100		
56	0.0	115.3	172.9#
41	112.6	72.0	108.0#



#31
cis-1,2-Dichloroethene
Concen: 0.115 ppbv
RT: 5.54 min Scan# 856
Delta R.T. -0.01 min
Lab File: VL039043.D
Acq: 13 May 2022 19:01

Tgt Ion	61	Resp	10017
Ion Ratio	Lower	Upper	
61	100		
96	60.7	47.4	71.0
98	32.1	30.6	45.8

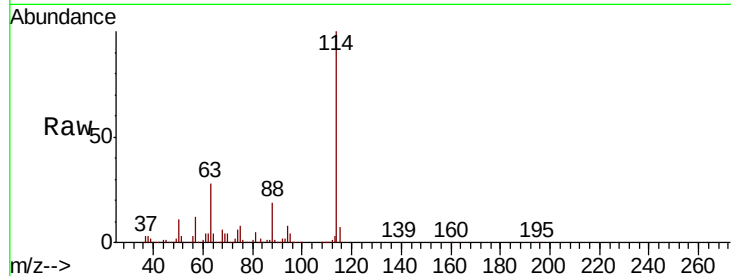




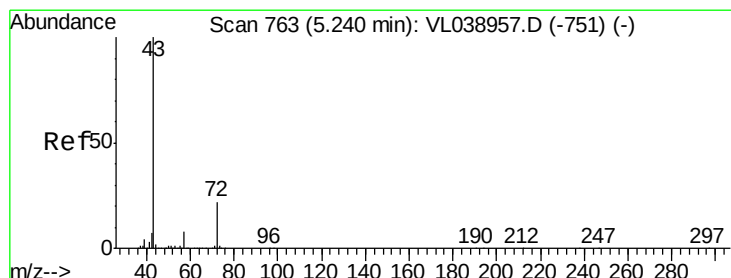
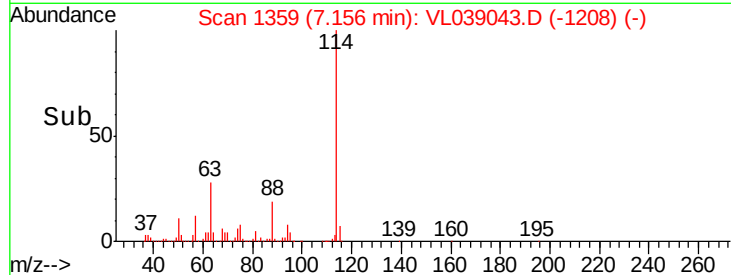
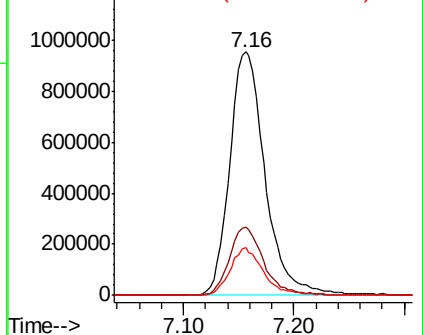
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 13 May 2022 19:01

Tot Ion:114 Resp: 2120588

Ion	Ratio	Lower	Upper
114	100		
63	27.5	22.6	33.8
88	18.6	15.4	23.0



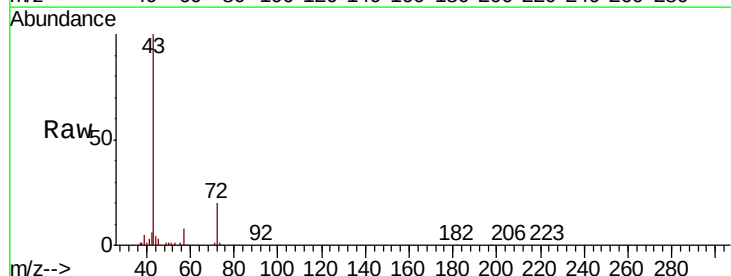
Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



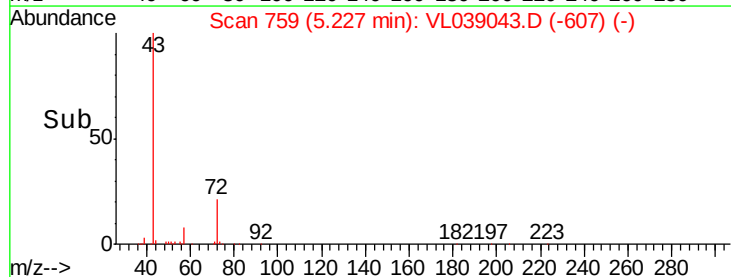
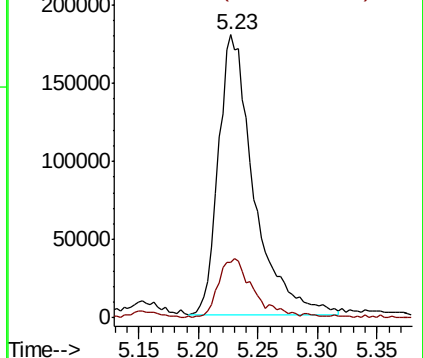
#34
 2-Butanone
 Concen: 3.406 ppbv
 RT: 5.23 min Scan# 759
 Delta R.T. -0.01 min
 Lab File: VL039043.D
 Acq: 13 May 2022 19:01

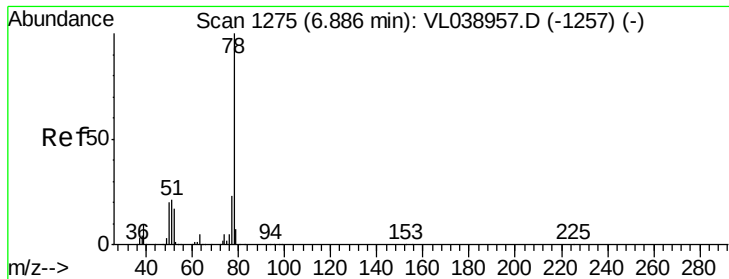
Tgt Ion: 43 Resp: 368433

Ion	Ratio	Lower	Upper
43	100		
72	21.9	17.8	26.6



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





#36

Benzene

Concen: 0.132 ppbv

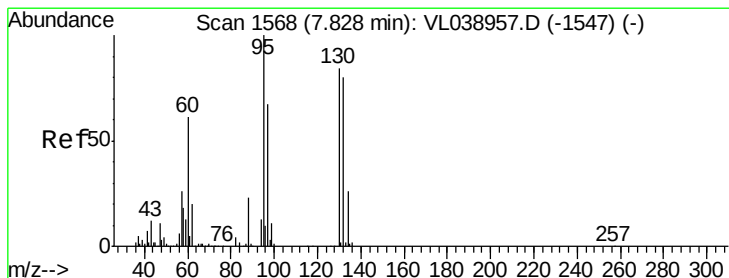
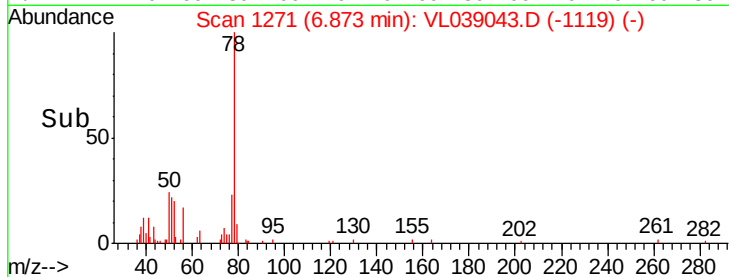
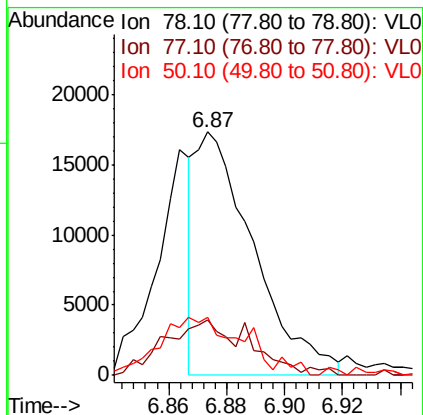
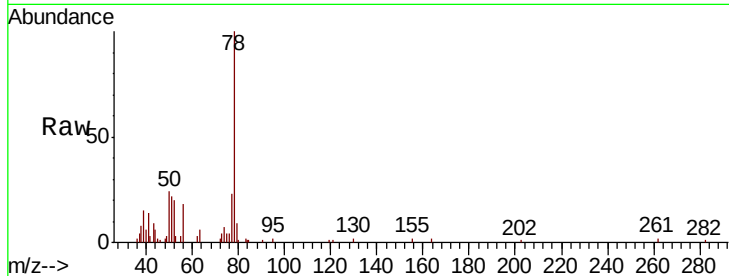
RT: 6.87 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 13 May 2022 19:01

Tot Ion:	78	Resp:	23957
Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.6	28.0
50	21.4	15.6	23.4



#38

Trichloroethene

Concen: 0.055 ppbv

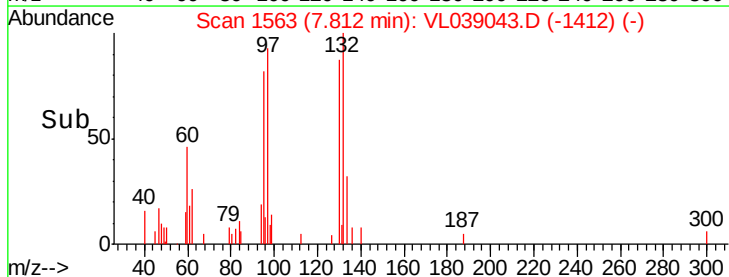
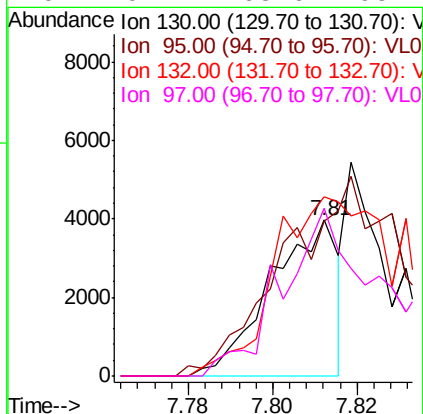
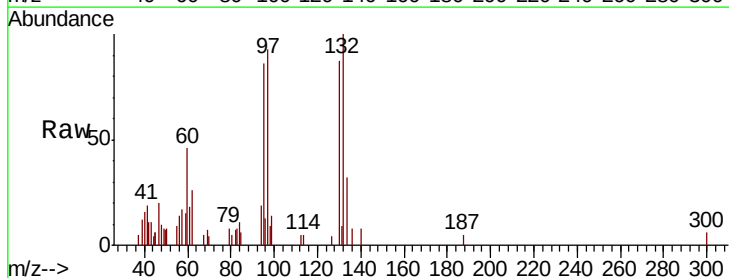
RT: 7.81 min Scan# 1563

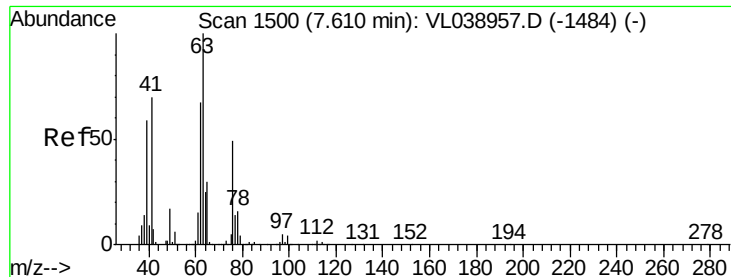
Delta R.T. -0.02 min

Lab File: VL039043.D

Acq: 13 May 2022 19:01

Tgt Ion:	130	Resp:	4397
Ion	Ratio	Lower	Upper
130	100		
95	92.8	94.8	142.2#
132	115.1	75.8	113.8#
97	107.4	63.6	95.4#





#39

1,2-Dichloropropane

Concen: 8.163 ppbv

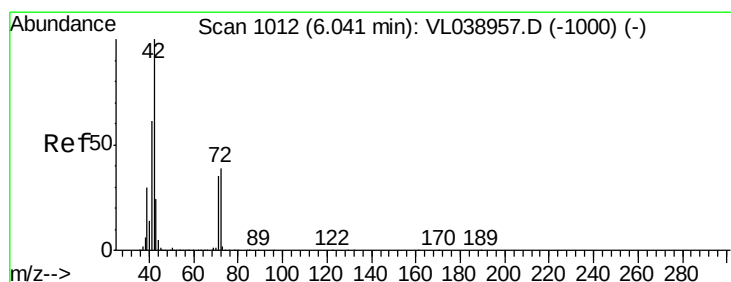
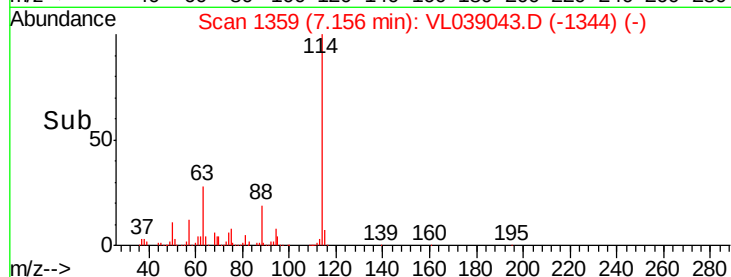
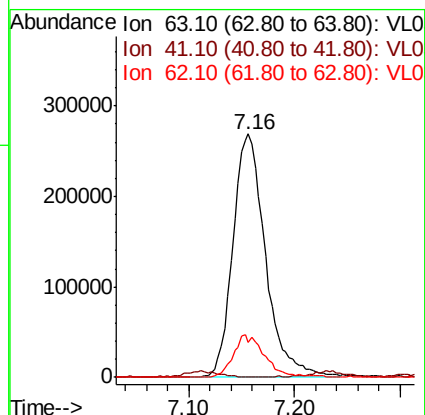
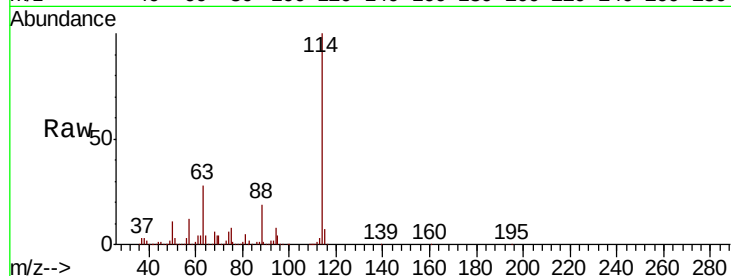
RT: 7.16 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 May 2022 19:01

Tot Ion:	63	Resp:	576397
Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.9	83.9#
62	14.4	53.8	80.6#



#41

Tetrahydrofuran

Concen: 0.972 ppbv

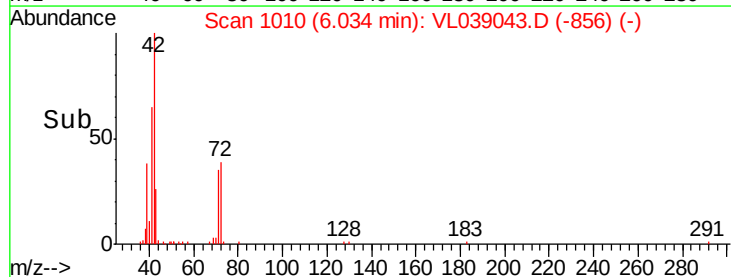
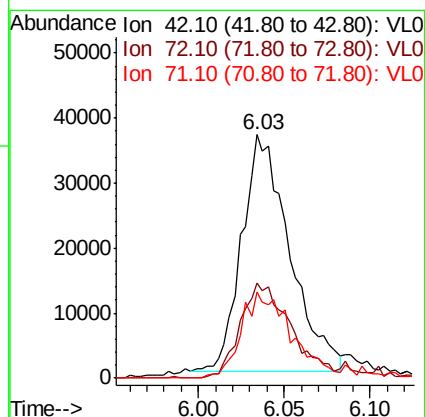
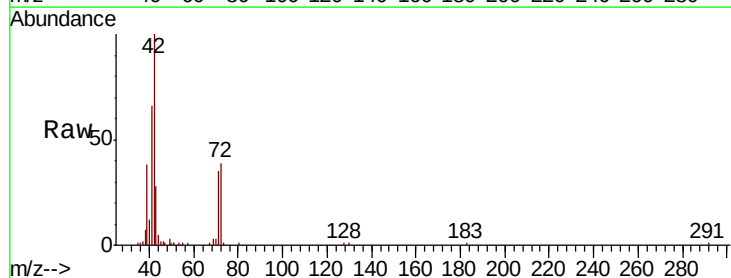
RT: 6.03 min Scan# 1010

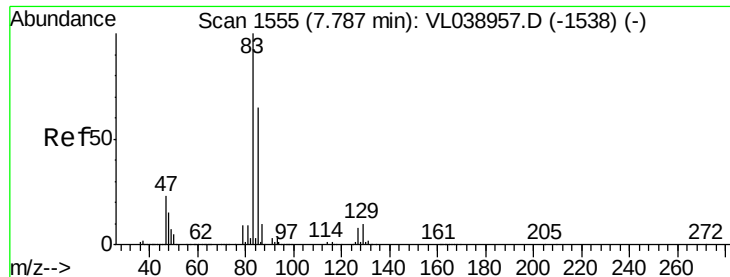
Delta R.T. -0.01 min

Lab File: VL039043.D

Acq: 13 May 2022 19:01

Tgt Ion:	42	Resp:	70653
Ion	Ratio	Lower	Upper
42	100		
72	45.9	31.8	47.6
71	41.4	30.6	45.8





#42

Bromodichloromethane

Concen: 0.045 ppbv

RT: 7.77 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 May 2022 19:01

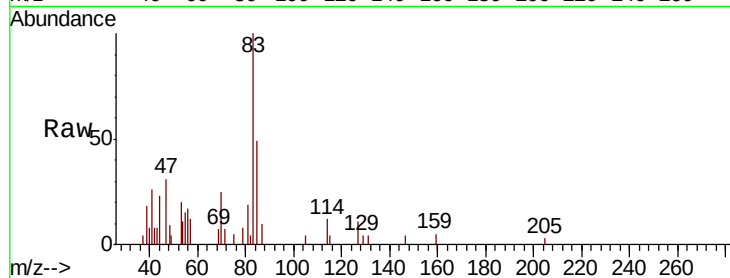
Tot Ion: 83 Resp: 6927

Ion Ratio Lower Upper

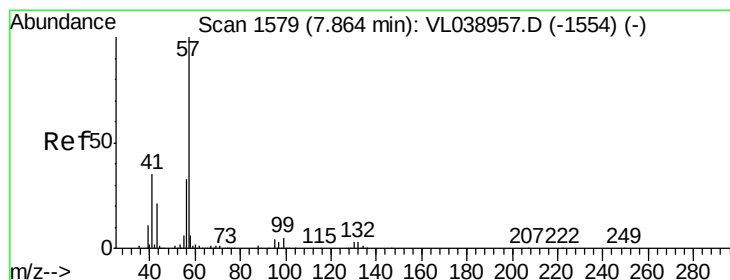
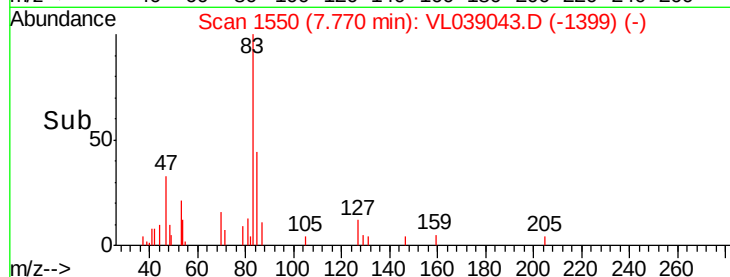
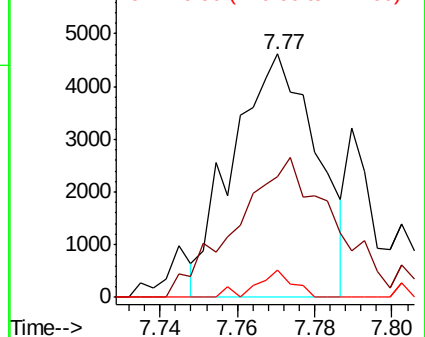
83 100

85 47.6 52.0 78.0#

127 13.3 6.0 9.0#



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



#44

2,2,4-Trimethylpentane

Concen: 0.123 ppbv

RT: 7.84 min Scan# 1573

Delta R.T. -0.02 min

Lab File: VL039043.D

Acq: 13 May 2022 19:01

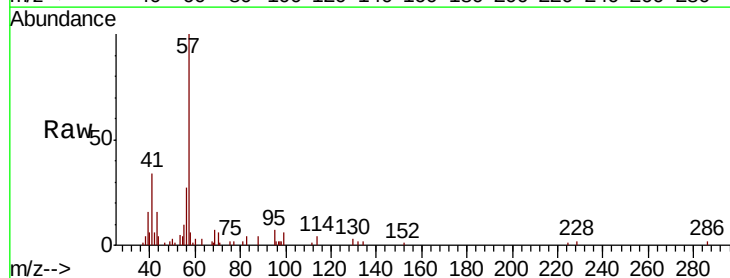
Tgt Ion: 57 Resp: 39289

Ion Ratio Lower Upper

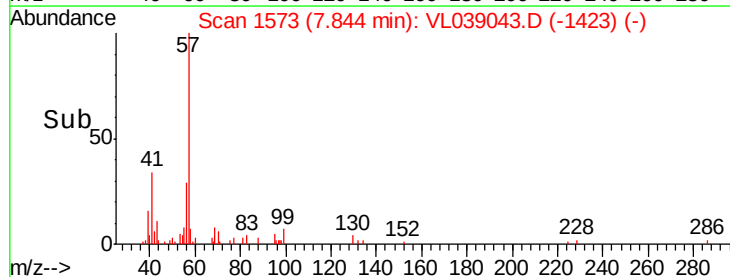
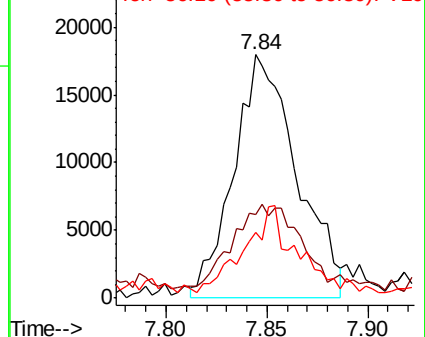
57 100

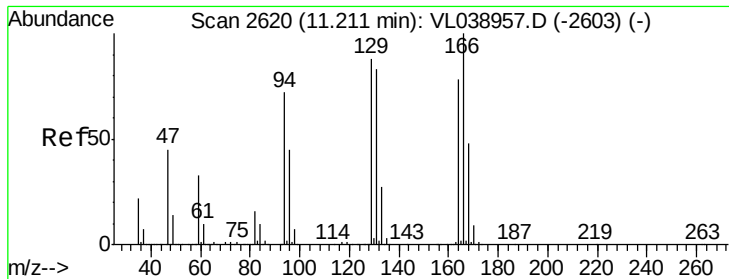
41 49.4 26.3 39.5#

56 35.8 24.6 37.0



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





#52

Tetrachloroethene

Concen: 77.313 ppbv

RT: 11.21

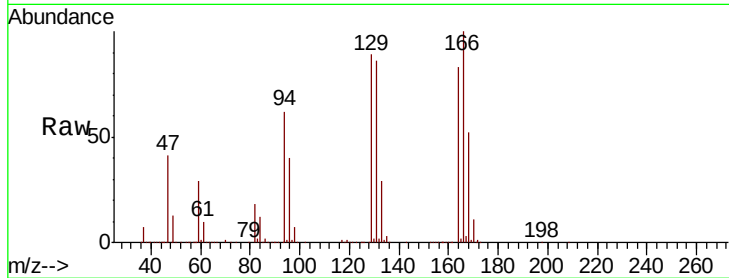
Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 13 May 2022 19:01

Tot Ion:164 Resp: 5013865

Ion	Ratio	Lower	Upper
164	100		
166	120.5	102.5	153.7
129	107.7	90.1	135.1
131	103.1	84.8	127.2

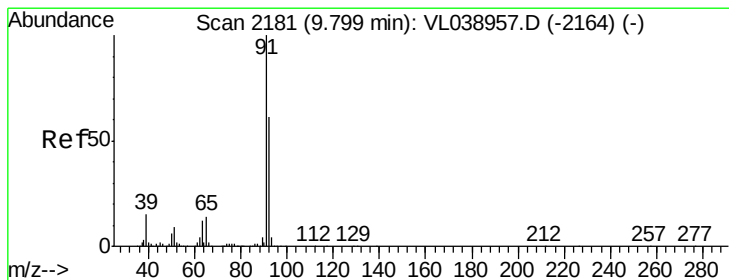
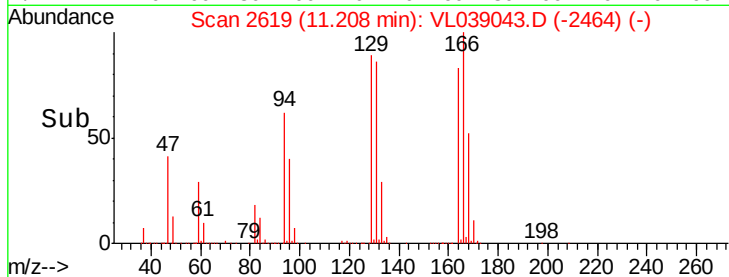
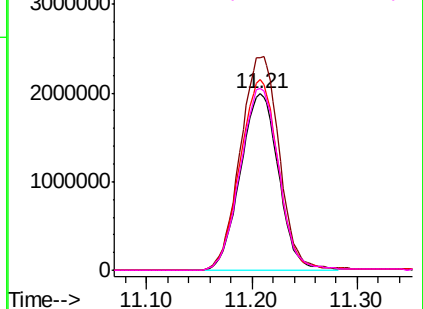


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.579 ppbv

RT: 9.78 min Scan# 2176

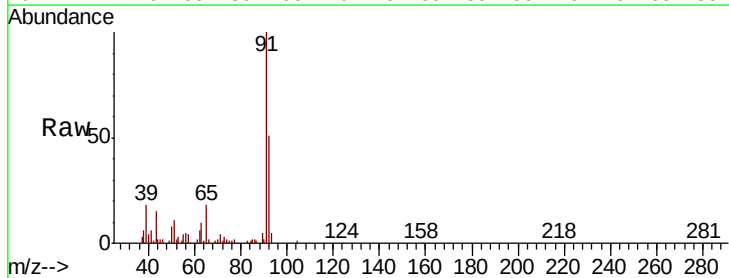
Delta R.T. -0.02 min

Lab File: VL039043.D

Acq: 13 May 2022 19:01

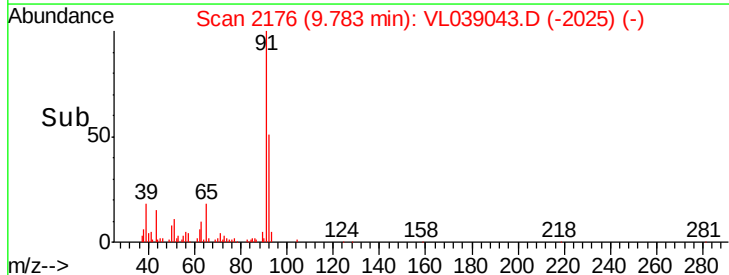
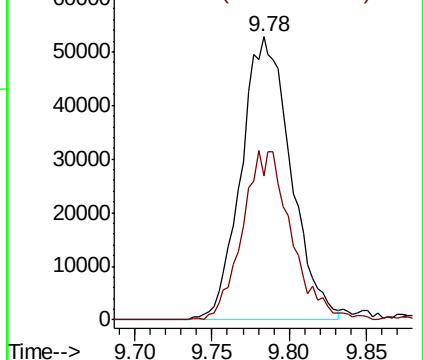
Tgt Ion: 91 Resp: 117869

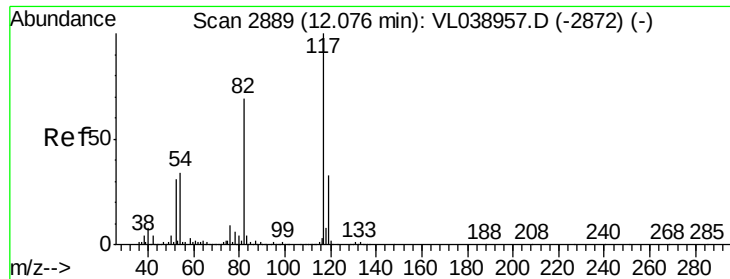
Ion	Ratio	Lower	Upper
91	100		
92	58.8	48.2	72.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

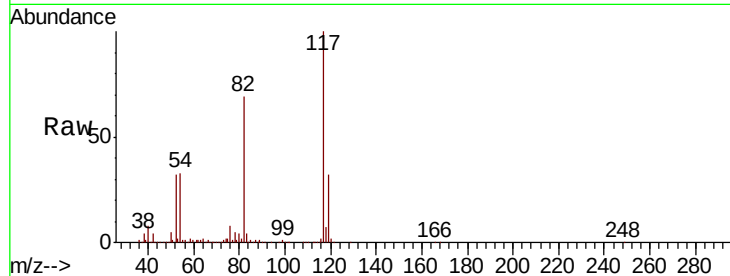
Ion 92.10 (91.80 to 92.80): VL0



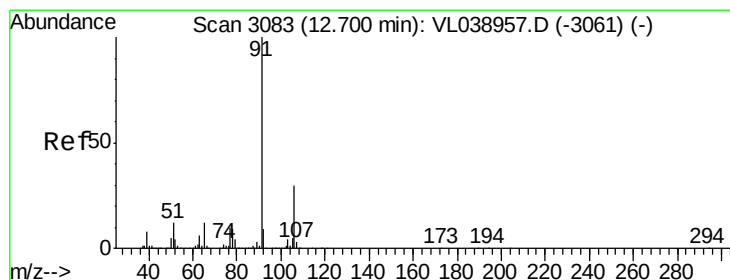
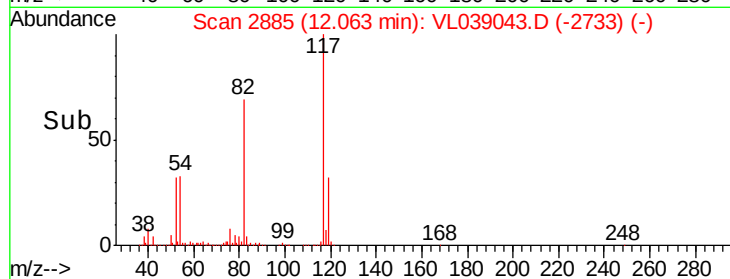
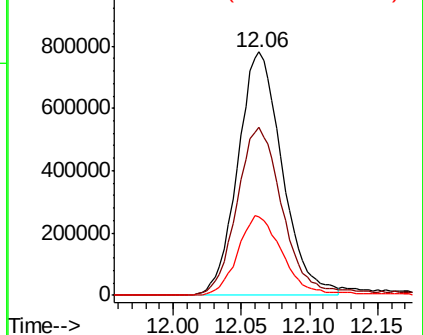


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 13 May 2022 19:01

Tot Ion:117 Resp: 1768632
Ion Ratio Lower Upper
117 100
82 72.8 57.0 85.6
119 33.7 27.2 40.8

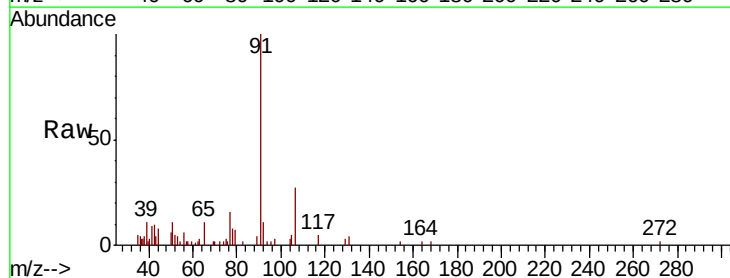


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

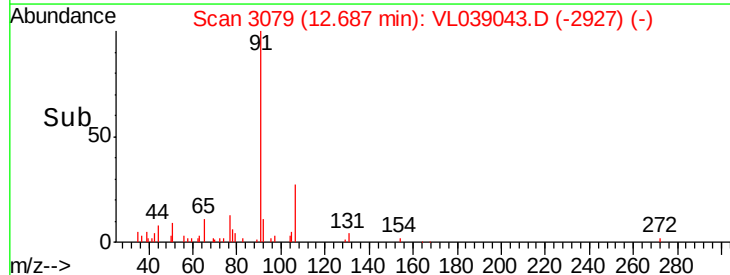
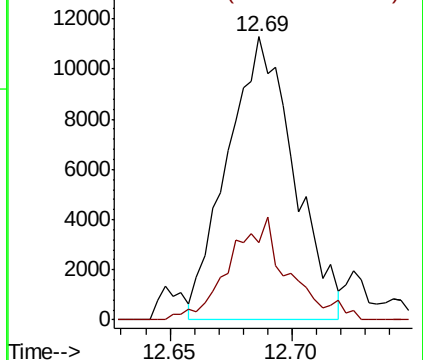


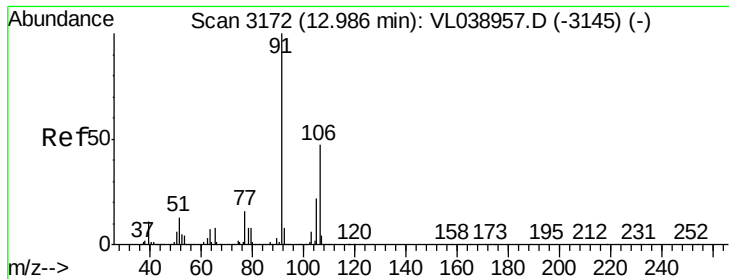
#58
Ethyl Benzene
Concen: 0.084 ppbv
RT: 12.69 min Scan# 3079
Delta R.T. -0.01 min
Lab File: VL039043.D
Acq: 13 May 2022 19:01

Tgt Ion: 91 Resp: 21427
Ion Ratio Lower Upper
91 100
106 25.1 24.2 36.4



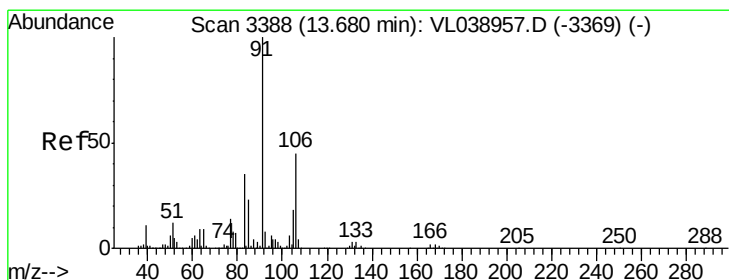
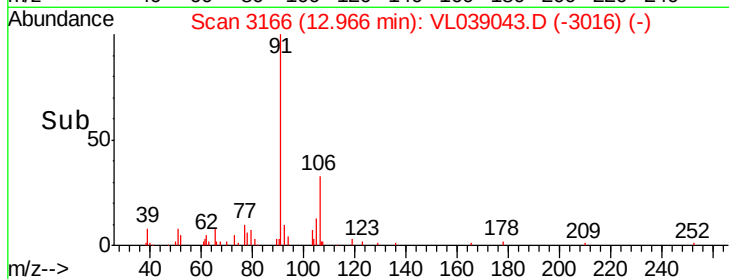
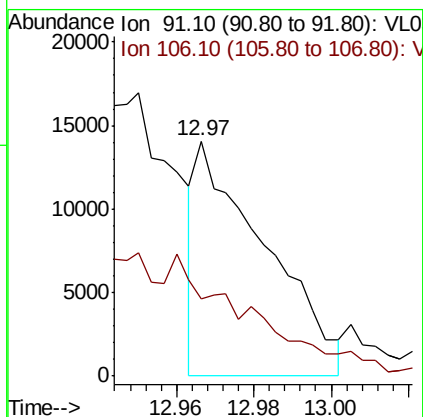
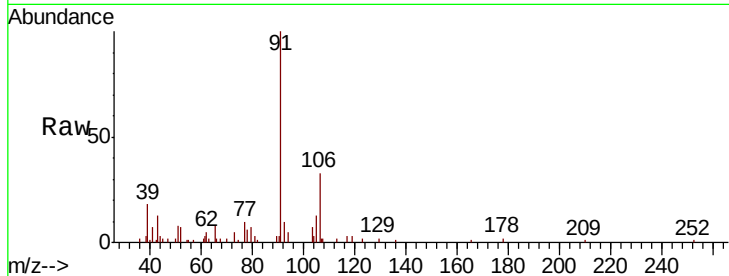
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





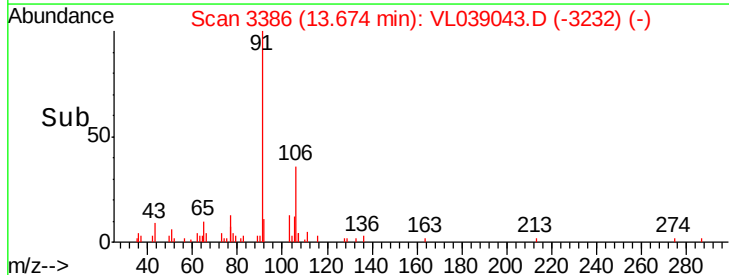
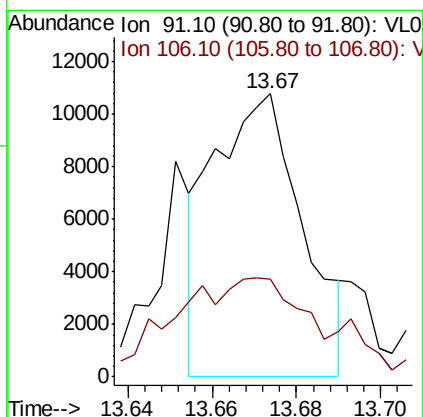
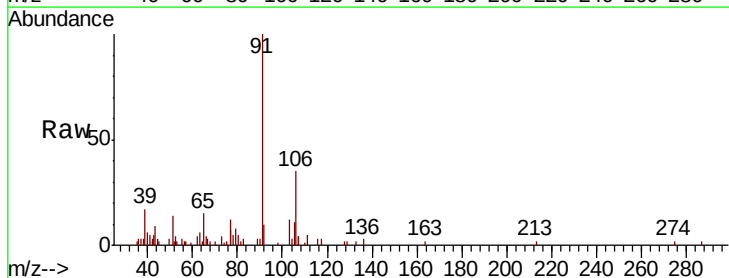
#59
m/p-Xylene
Concen: 0.080 ppbv
RT: 12.97 min
Delta R.T. MSVOA_L
Lab File: ClientSampled :
Acq: 13 May 2022 19:01

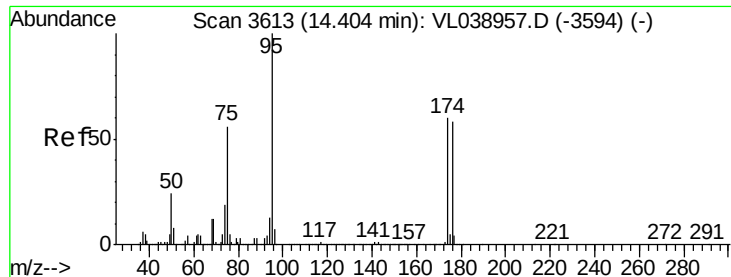
Tot Ion: 91 Resp: 17413
Ion Ratio Lower Upper
91 100
106 0.0 34.6 52.0#



#60
o-Xylene
Concen: 0.078 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. -0.01 min
Lab File: VL039043.D
Acq: 13 May 2022 19:01

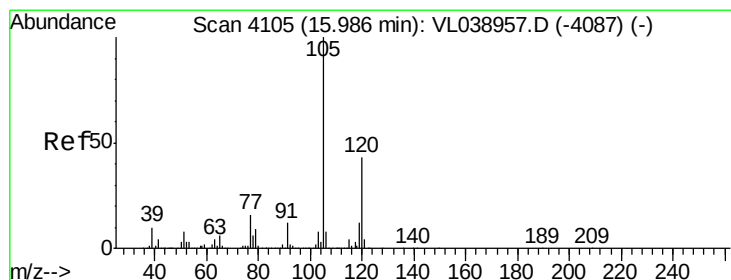
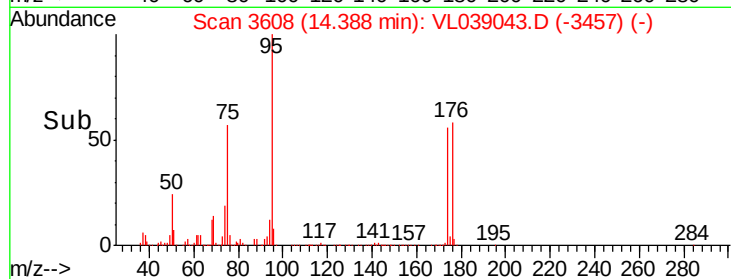
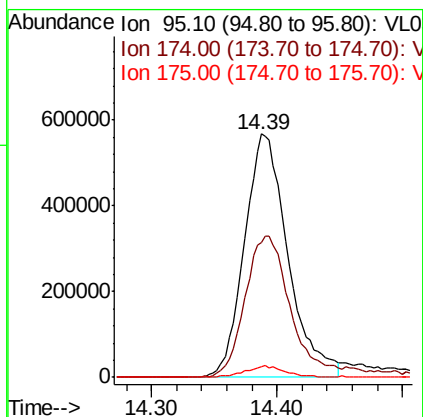
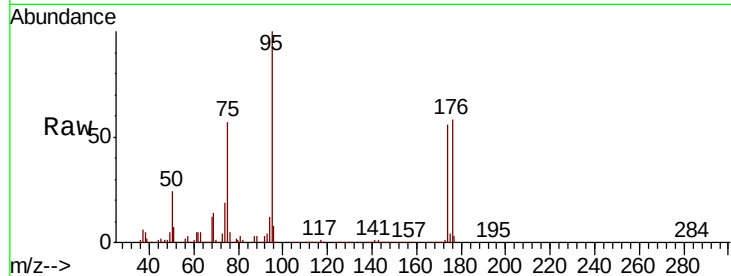
Tgt Ion: 91 Resp: 15863
Ion Ratio Lower Upper
91 100
106 63.4 22.2 66.6





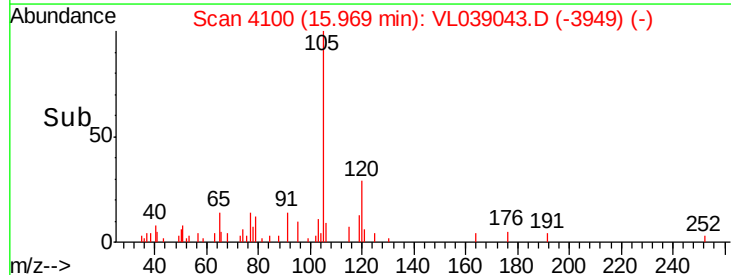
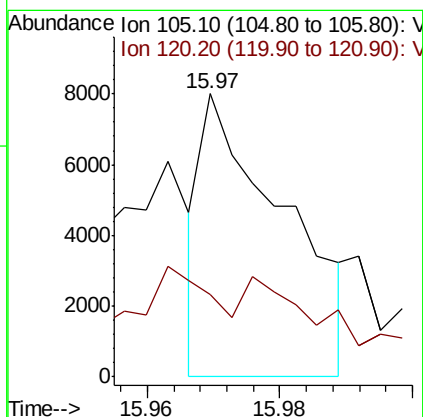
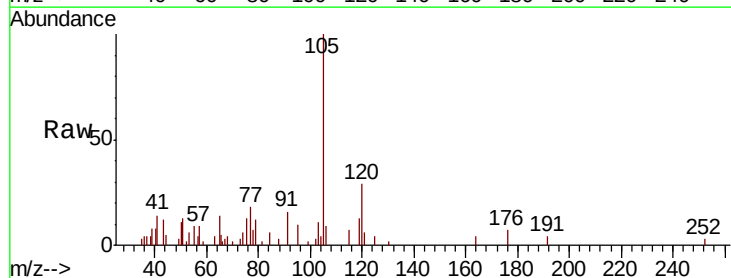
#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.784 ppbv
 RT: 14.39 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 13 May 2022 19:01

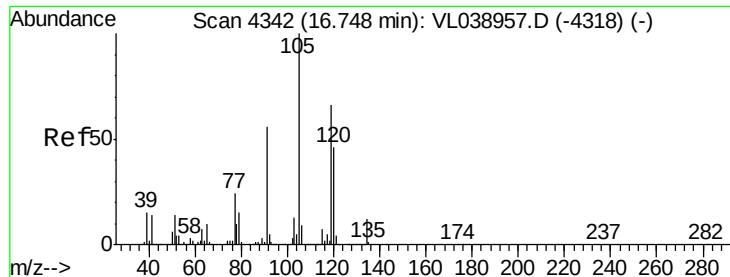
Tot Ion: 95 Resp: 1370377
 Ion Ratio Lower Upper
 95 100
 174 65.7 50.8 76.2
 175 4.4 3.8 5.6



#73
 1,3,5-Trimethylbenzene
 Concen: 0.033 ppbv
 RT: 15.97 min Scan# 4100
 Delta R.T. -0.02 min
 Lab File: VL039043.D
 Acq: 13 May 2022 19:01

Tgt Ion: 105 Resp: 6958
 Ion Ratio Lower Upper
 105 100
 120 9.4 34.4 51.6#





#74

1,2,4-Trimethylbenzene

Concen: 0.106 ppbv

RT: 16.73

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 May 2022 19:01

Tot Ion:105 Resp: 24450

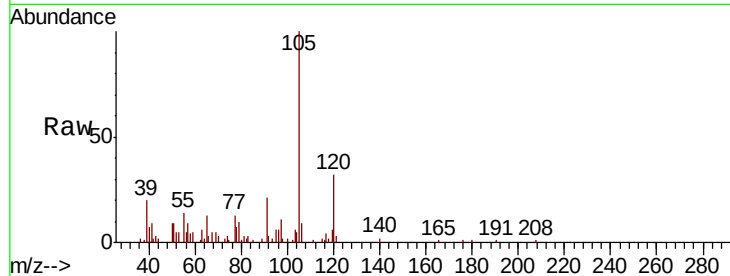
Ion Ratio Lower Upper

105 100

120 32.4 36.9 55.3#

91 20.8 45.0 67.4#

77 12.9 19.2 28.8#



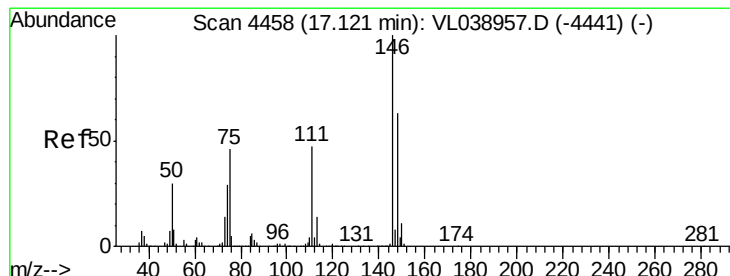
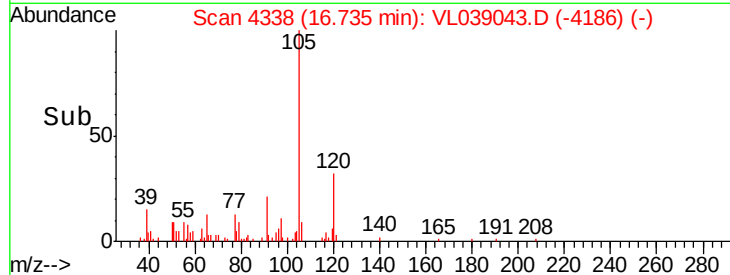
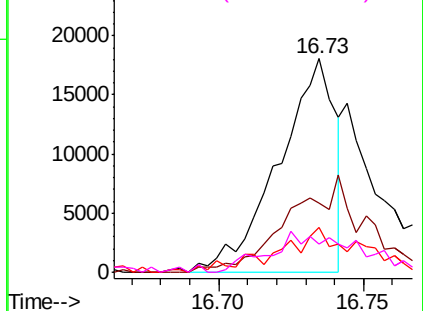
Abundance

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



#76

1,4-Dichlorobenzene

Concen: 0.121 ppbv

RT: 17.11 min Scan# 4455

Delta R.T. -0.01 min

Lab File: VL039043.D

Acq: 13 May 2022 19:01

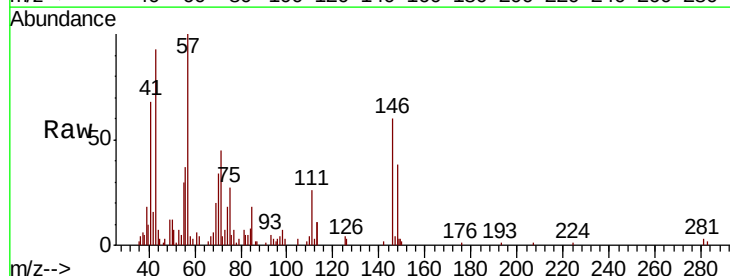
Tgt Ion:146 Resp: 14973

Ion Ratio Lower Upper

146 100

111 66.5 23.6 71.0

148 80.2 32.2 96.6



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

