

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050922\
 Data File : VL038993.D
 Acq On : 9 May 2022 19:04
 Operator : SY/AP
 Sample : N2724-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Quant Time: May 10 05:44:30 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	1097733	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2511161	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	2090526	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1726910	10.43	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.30%

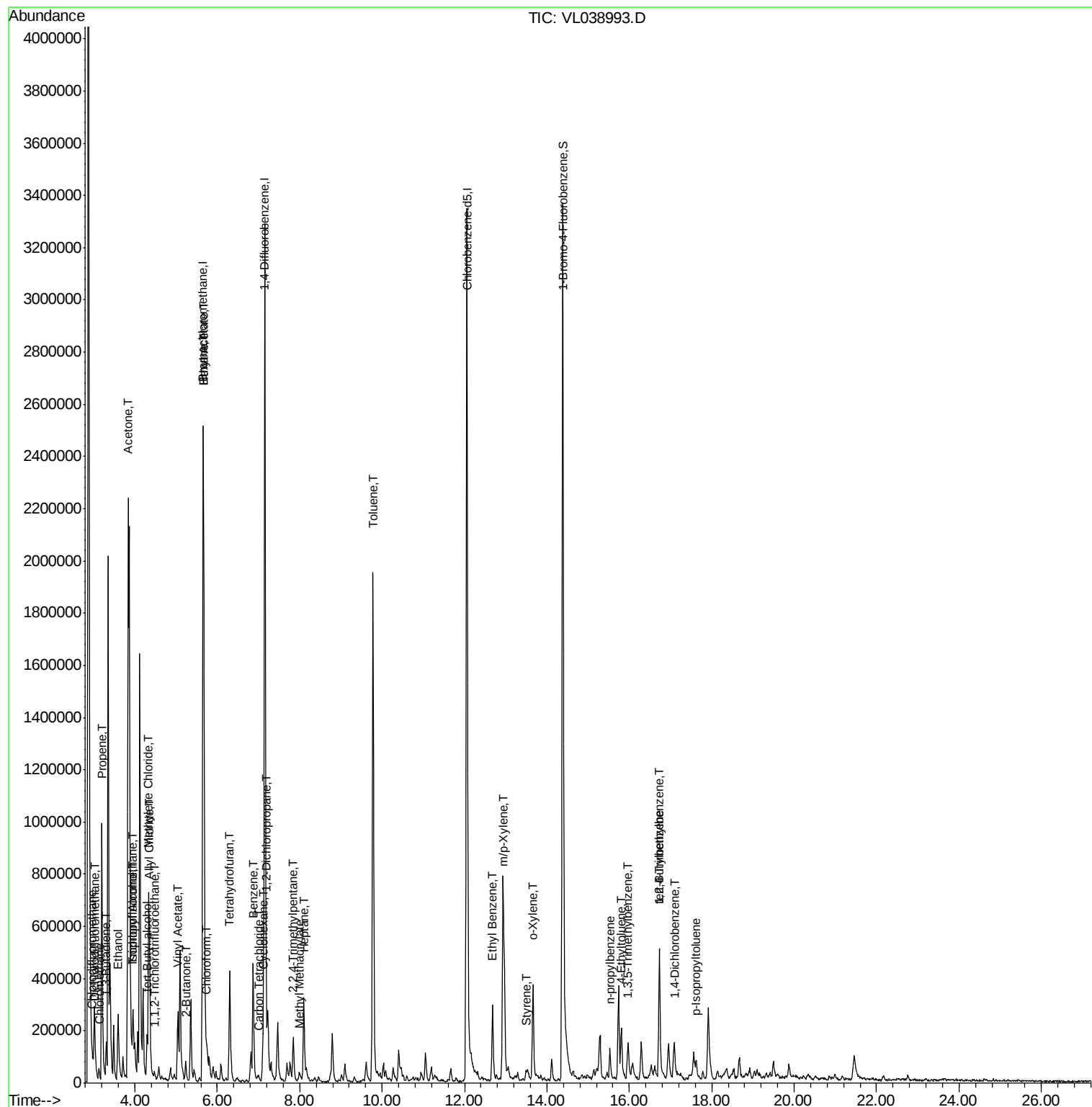
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	52710	0.306	ppbv	100
3) Chlorodifluoromethane	2.98	51	116928	0.858	ppbv #	82
4) Chloromethane	3.14	50	14065	0.206	ppbv	98
9) Propene	3.20	41	322061	5.414	ppbv	99
10) Heptane	8.10	43	140375	0.962	ppbv	98
11) Trichlorofluoromethane	3.94	101	43936	0.298	ppbv	86
12) 1,1,2-Trichlorotrifluoroet	4.47	101	5394	0.053	ppbv #	65
13) Ethanol	3.59	45	320662	76.172	ppbv	99
15) Acetone	3.83	43	3536089	34.149	ppbv	94
16) 1,3-Butadiene	3.30	39	36540	0.614	ppbv #	9
17) tert-Butyl alcohol	4.29	59	4365	0.055	ppbv #	70
19) Isopropyl Alcohol	3.95	45	239065	4.856	ppbv #	1
20) Methylene Chloride	4.33	84	282198	7.231	ppbv	97
21) Allyl Chloride	4.36	41	65419	0.927	ppbv #	25
23) Vinyl Acetate	5.05	43	51582	0.630	ppbv #	1
25) Ethyl Acetate	5.67	43	475938	1.920	ppbv #	79
26) Hexane	5.67	57	677741	6.154	ppbv #	39
29) Chloroform	5.74	83	9553	0.054	ppbv	89
30) Cyclohexane	7.11	84	45474	0.493	ppbv #	78
34) 2-Butanone	5.23	43	88965	0.694	ppbv #	90
35) Carbon Tetrachloride	7.00	117	6519	0.039	ppbv #	71
36) Benzene	6.87	78	386201	1.797	ppbv	96
39) 1,2-Dichloropropane	7.19	63	18034	0.216	ppbv #	25
41) Tetrahydrofuran	6.29	42	59620	0.692	ppbv #	37
43) Methyl Methacrylate	7.98	69	3895	0.045	ppbv #	1
44) 2,2,4-Trimethylpentane	7.85	57	112658	0.299	ppbv #	65
53) Toluene	9.78	91	1599821	6.642	ppbv	99
58) Ethyl Benzene	12.68	91	133884	0.445	ppbv	94
59) m/p-Xylene	12.96	91	303667	1.182	ppbv #	33
60) o-Xylene	13.66	91	292354	1.209	ppbv	96
61) Styrene	13.49	104	9140	0.071	ppbv #	25
64) n-propylbenzene	15.53	120	12954	0.152	ppbv #	1
65) tert-Butylbenzene	16.73	119	27728	0.090	ppbv #	1
69) p-Isopropyltoluene	17.61	119	22069	0.062	ppbv #	23
72) 4-Ethyltoluene	15.81	105	151144	0.549	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.96	105	44178	0.178	ppbv #	84
74) 1,2,4-Trimethylbenzene	16.73	105	184273	0.679	ppbv #	69
76) 1,4-Dichlorobenzene	17.10	146	8089	0.055	ppbv #	1

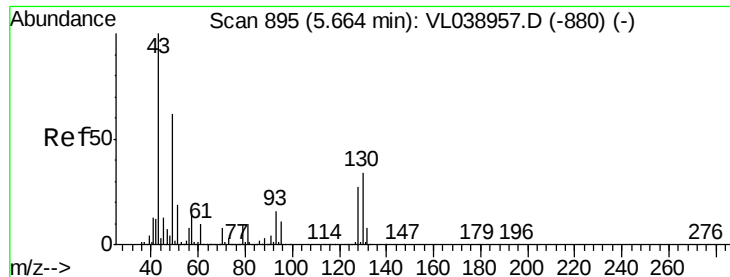
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 May 2022 19:04

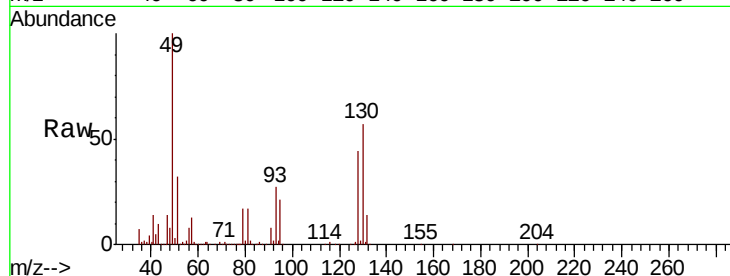
Tot Ion: 49 Resp: 1097733

Ion Ratio Lower Upper

49 100

128 45.8 23.3 69.8

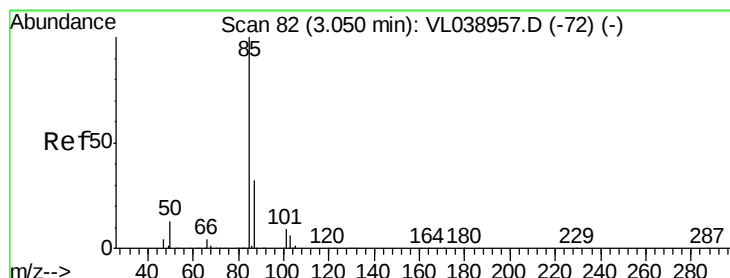
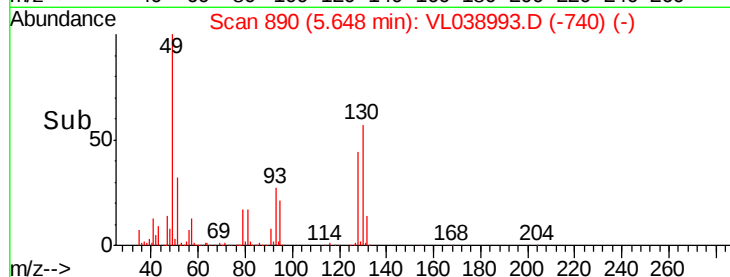
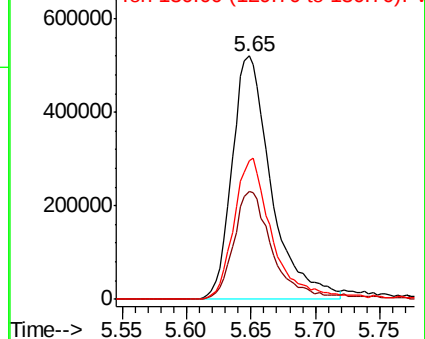
130 58.9 29.8 89.3



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.306 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.01 min

Lab File: VL038993.D

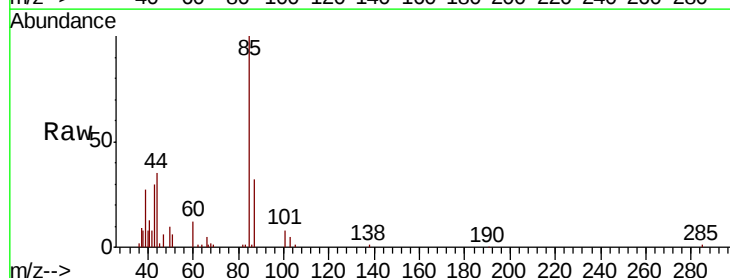
Acq: 9 May 2022 19:04

Tgt Ion: 85 Resp: 52710

Ion Ratio Lower Upper

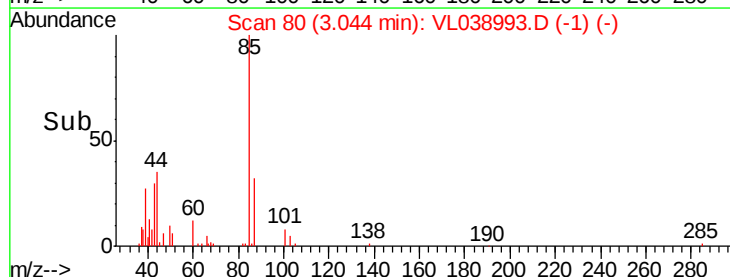
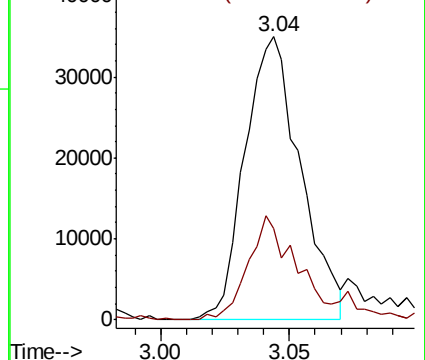
85 100

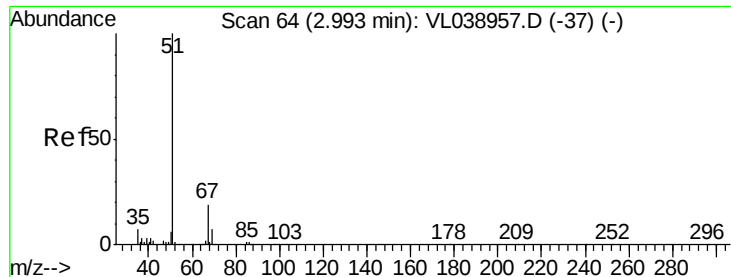
87 32.4 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.858 ppbv

RT: 2.98 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

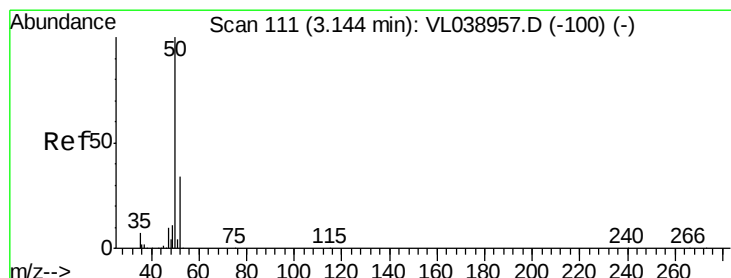
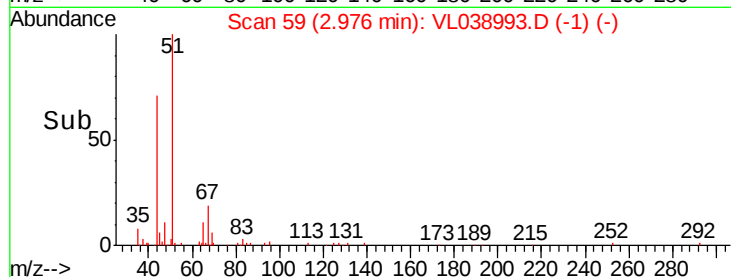
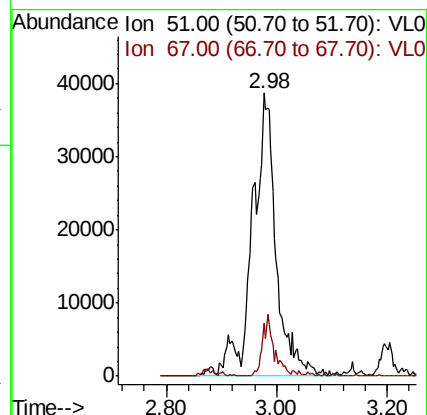
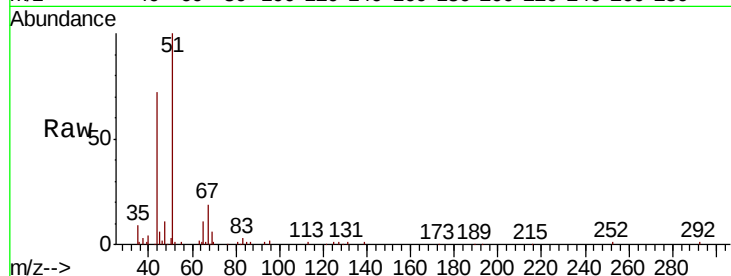
Acq: 9 May 2022 19:04

Tot Ion: 51 Resp: 116928

Ion Ratio Lower Upper

51 100

67 11.4 15.8 23.8#



#4

Chloromethane

Concen: 0.206 ppbv

RT: 3.14 min Scan# 109

Delta R.T. -0.01 min

Lab File: VL038993.D

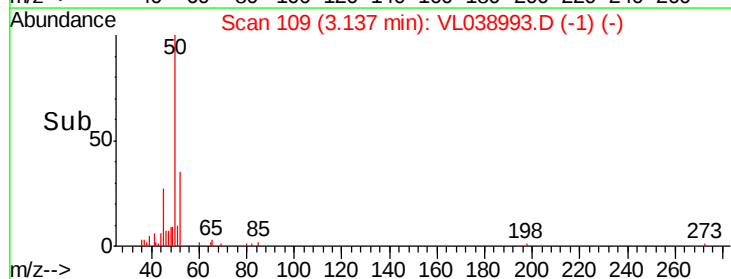
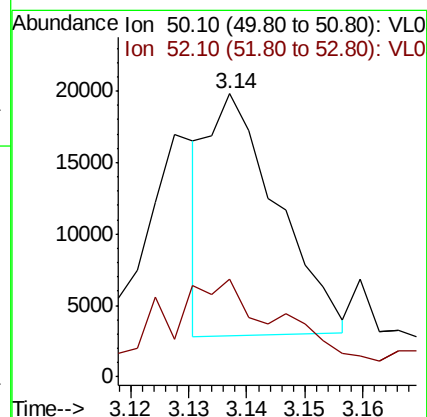
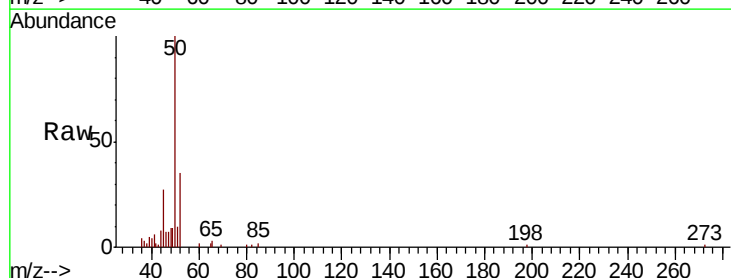
Acq: 9 May 2022 19:04

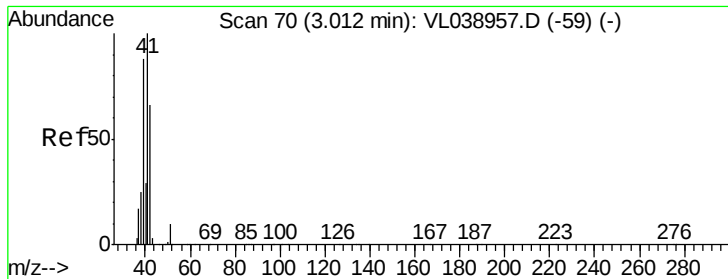
Tgt Ion: 50 Resp: 14065

Ion Ratio Lower Upper

50 100

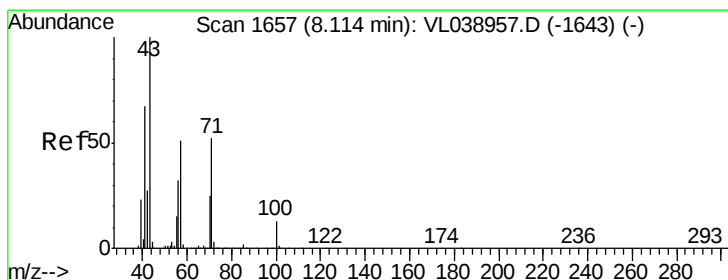
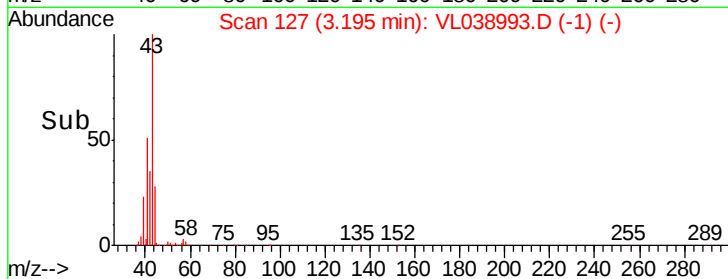
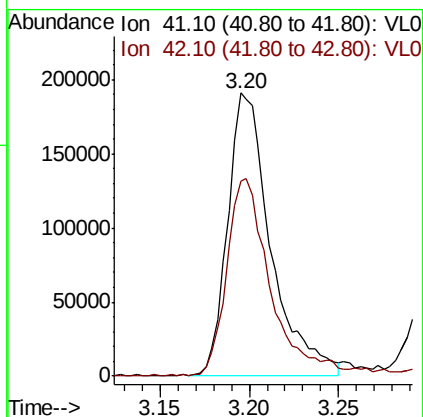
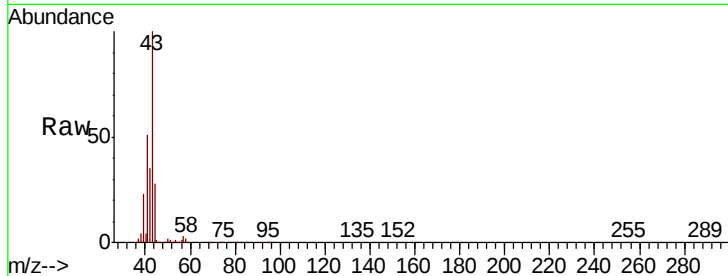
52 32.8 27.3 40.9





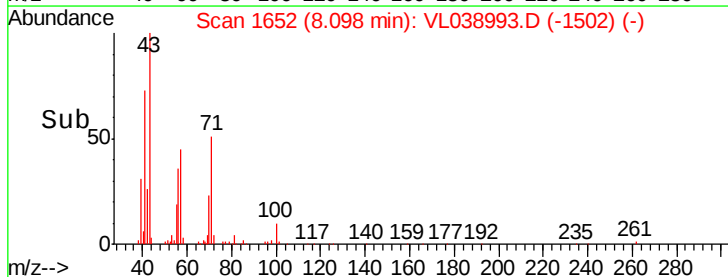
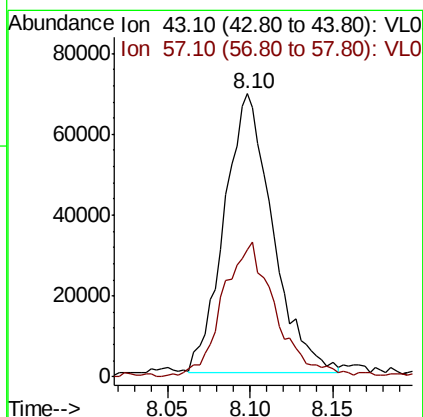
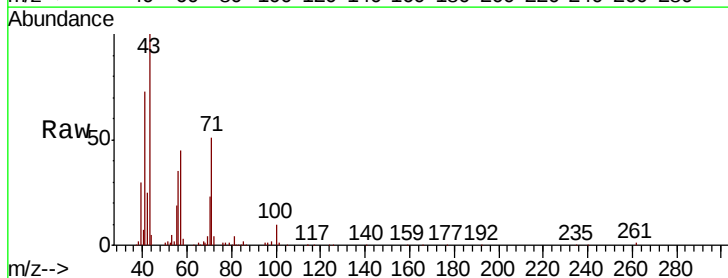
#9
 Propene
 Concen: 5.414 ppbv
 RT: 3.20
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 May 2022 19:04

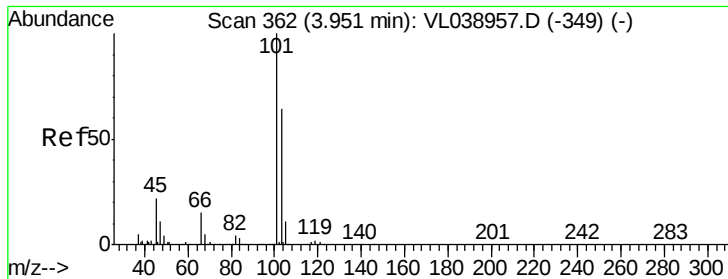
Tot Ion: 41 Resp: 322061
 Ion Ratio Lower Upper
 41 100
 42 72.3 58.3 87.5



#10
 Heptane
 Concen: 0.962 ppbv
 RT: 8.10 min Scan# 1652
 Delta R.T. -0.02 min
 Lab File: VL038993.D
 Acq: 9 May 2022 19:04

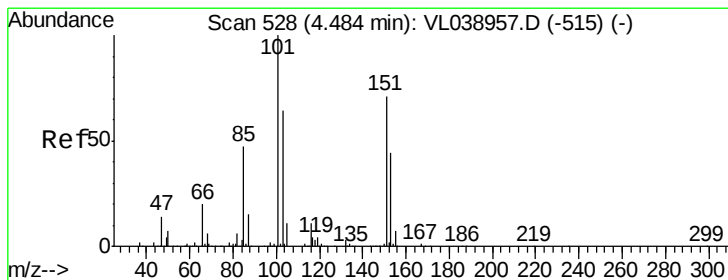
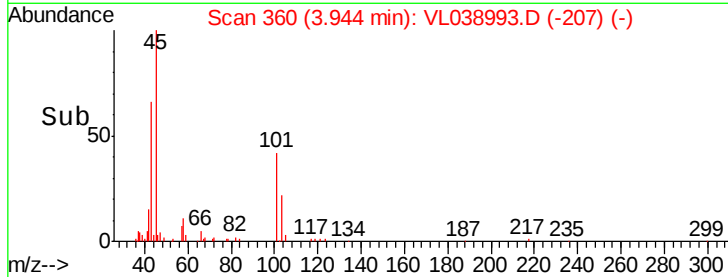
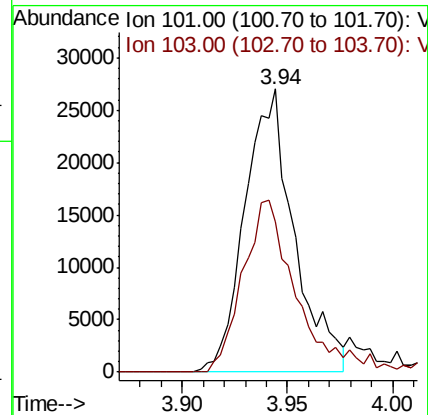
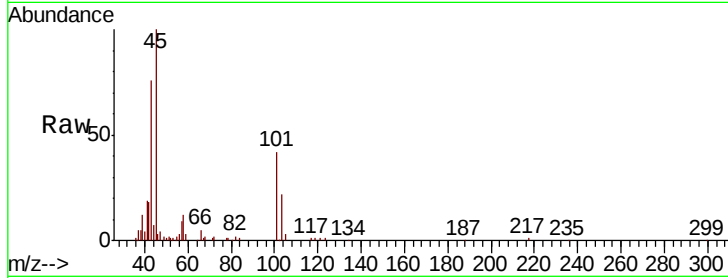
Tgt Ion: 43 Resp: 140375
 Ion Ratio Lower Upper
 43 100
 57 52.2 40.5 60.7





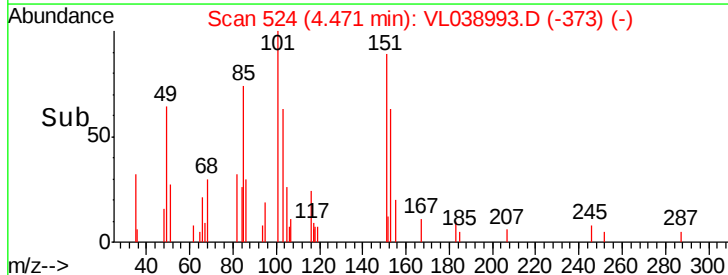
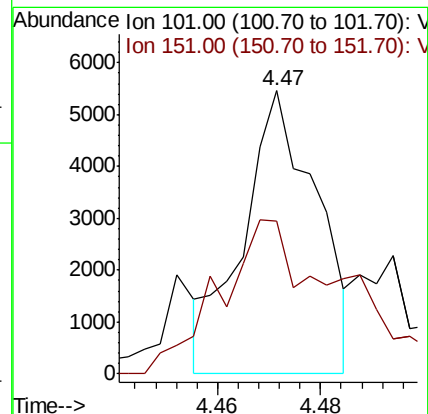
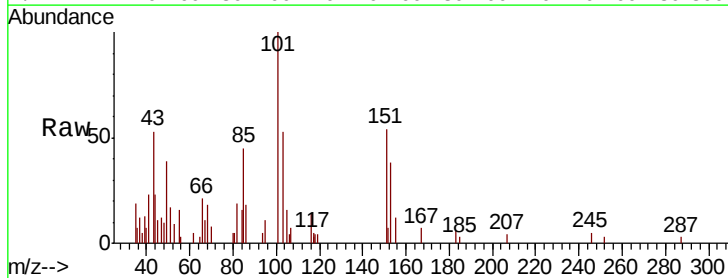
#11
 Trichlorofluoromethane
 Concen: 0.298 ppbv
 RT: 3.94
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 May 2022 19:04

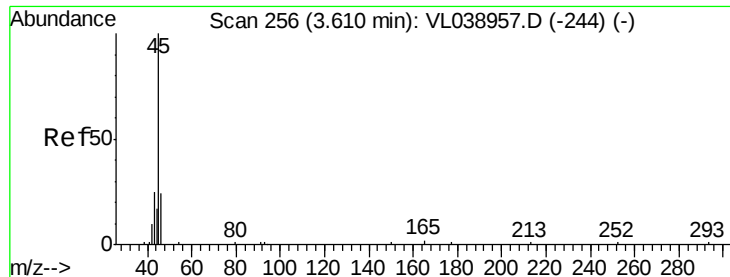
Tot Ion:101 Resp: 43936
 Ion Ratio Lower Upper
 101 100
 103 53.2 51.5 77.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.053 ppbv
 RT: 4.47 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: VL038993.D
 Acq: 9 May 2022 19:04

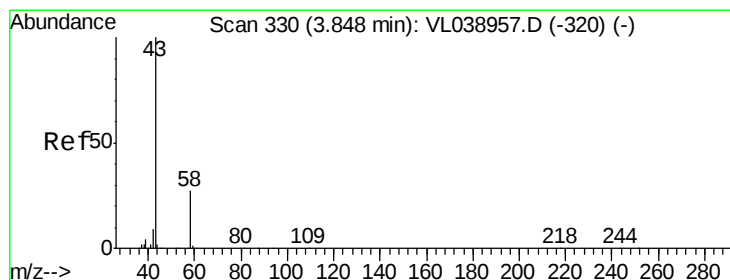
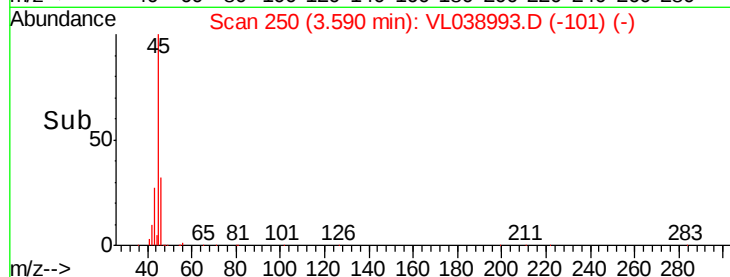
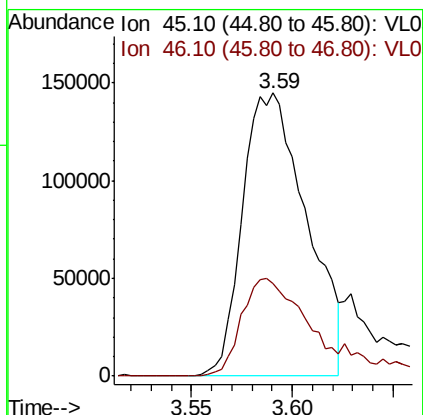
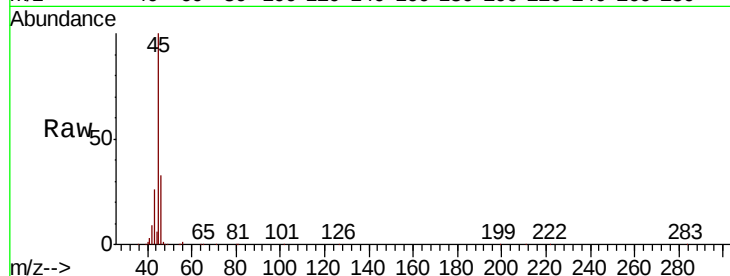
Tgt Ion:101 Resp: 5394
 Ion Ratio Lower Upper
 101 100
 151 97.7 55.4 83.0#





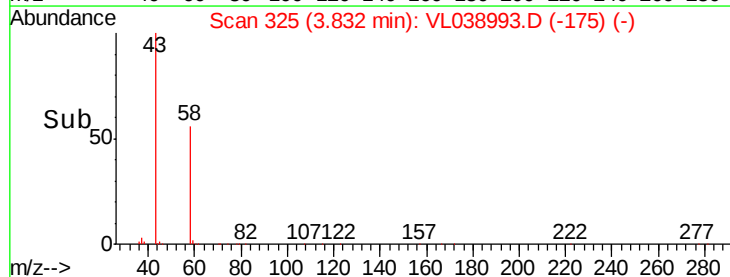
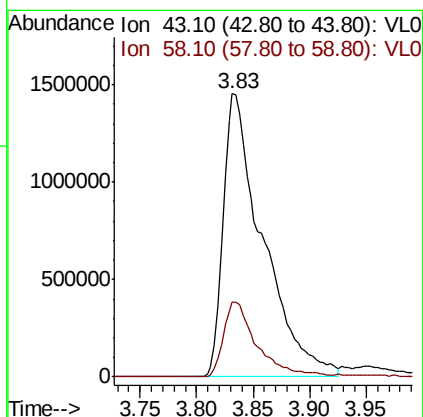
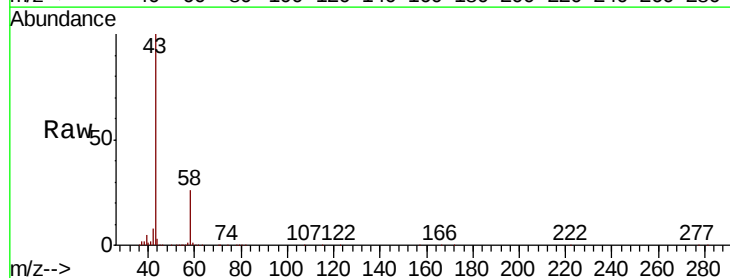
#13
 Ethanol
 Concen: 76.172 ppbv
 RT: 3.59
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 May 2022 19:04

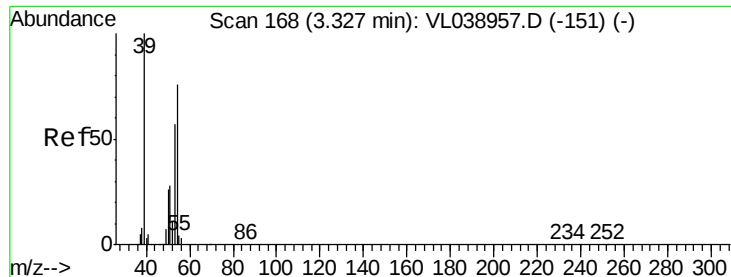
Tot Ion: 45 Resp: 320662
 Ion Ratio Lower Upper
 45 100
 46 44.4 18.0 72.2



#15
 Acetone
 Concen: 34.149 ppbv
 RT: 3.83 min Scan# 325
 Delta R.T. -0.02 min
 Lab File: VL038993.D
 Acq: 9 May 2022 19:04

Tgt Ion: 43 Resp: 3536089
 Ion Ratio Lower Upper
 43 100
 58 23.6 21.3 31.9





#16

1,3-Butadiene

Concen: 0.614 ppbv

RT: 3.30 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

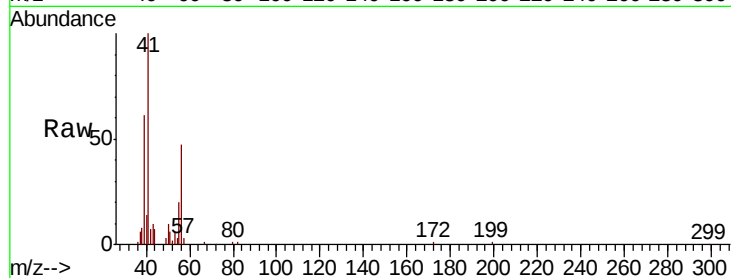
Acq: 9 May 2022 19:04

Tot Ion: 39 Resp: 36540

Ion Ratio Lower Upper

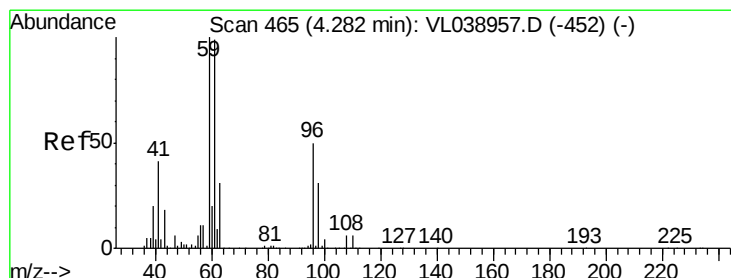
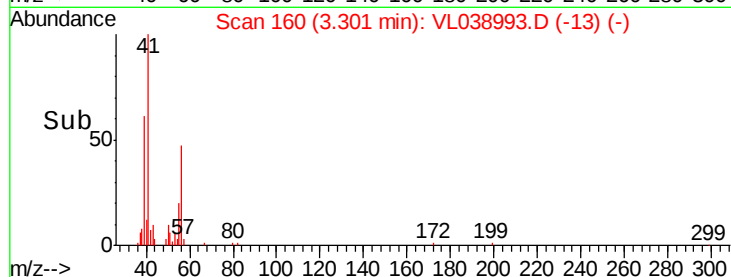
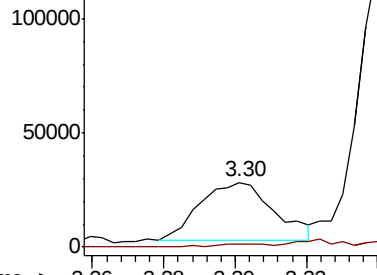
39 100

54 0.0 65.2 97.8#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0



#17

tert-Butyl alcohol

Concen: 0.055 ppbv

RT: 4.29 min Scan# 466

Delta R.T. 0.00 min

Lab File: VL038993.D

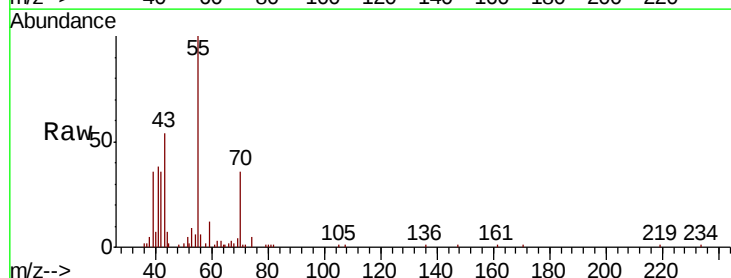
Acq: 9 May 2022 19:04

Tgt Ion: 59 Resp: 4365

Ion Ratio Lower Upper

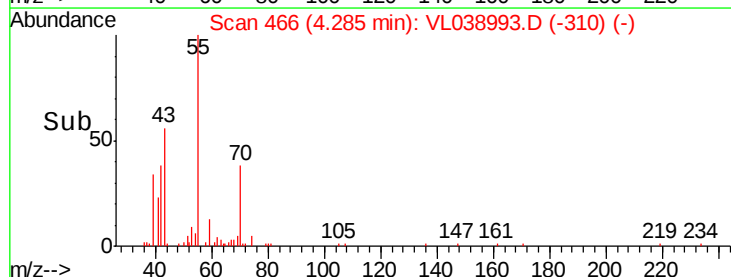
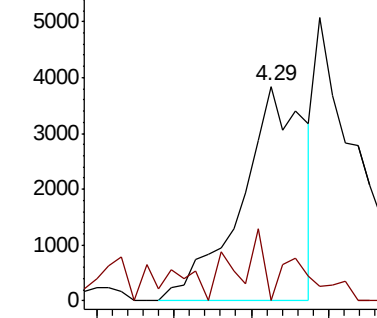
59 100

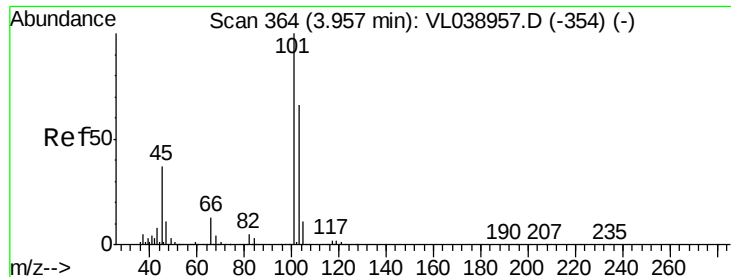
57 0.0 9.2 13.8#



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#19

Isopropyl Alcohol

Concen: 4.856 ppbv

RT: 3.95 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: IA1

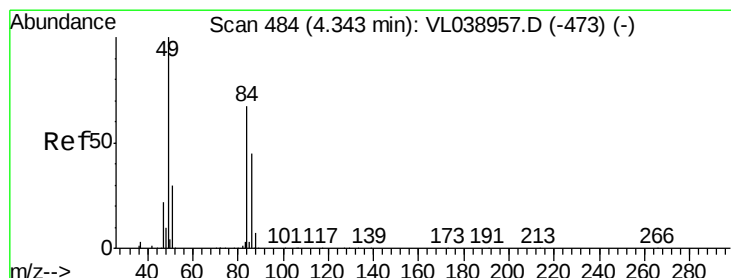
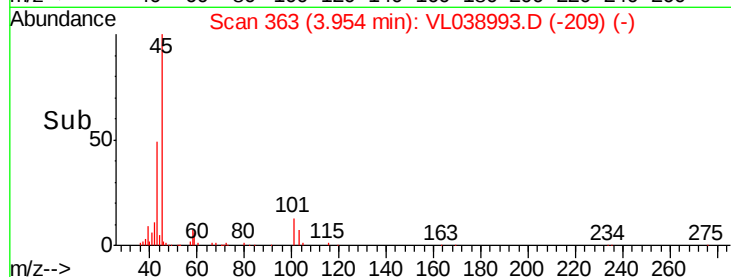
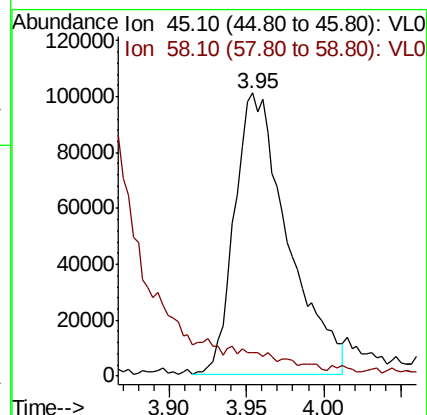
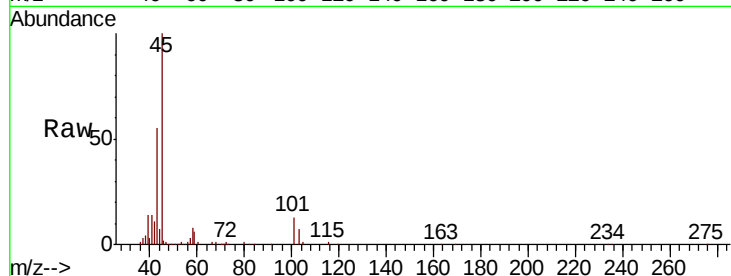
Acq: 9 May 2022 19:04

Tot Ion: 45 Resp: 239065

Ion Ratio Lower Upper

45 100

58 349.8 1.4 2.2#



#20

Methylene Chloride

Concen: 7.231 ppbv

RT: 4.33 min Scan# 480

Delta R.T. -0.01 min

Lab File: VL038993.D

Acq: 9 May 2022 19:04

Tgt Ion: 84 Resp: 282198

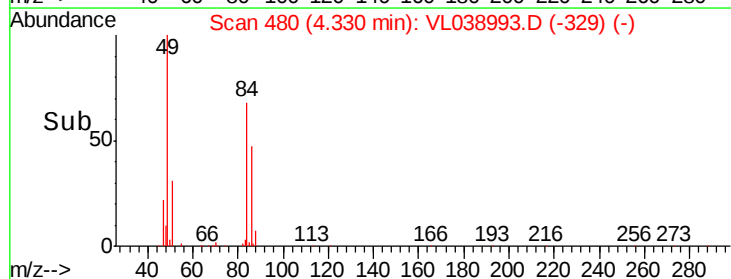
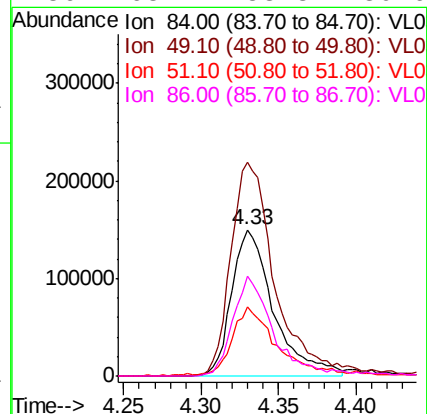
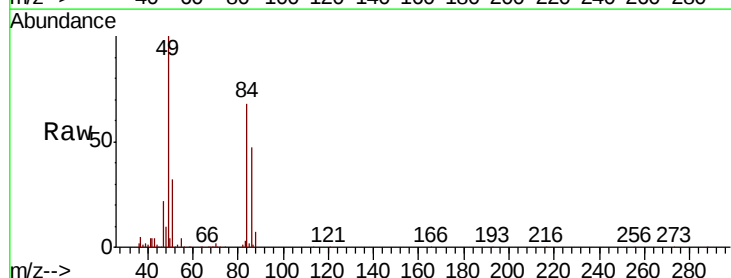
Ion Ratio Lower Upper

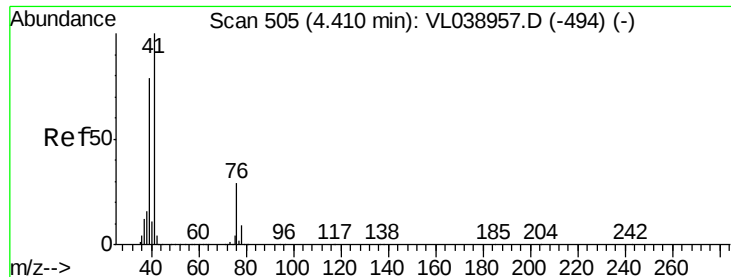
84 100

49 146.0 119.9 179.9

51 46.3 35.7 53.5

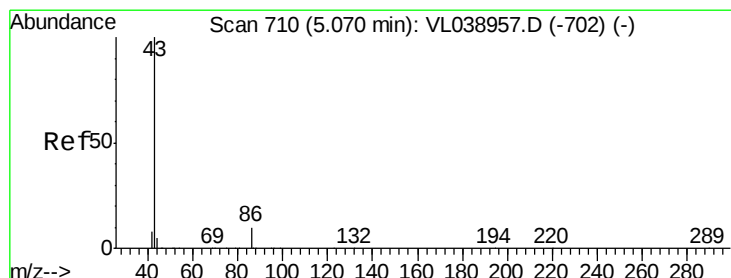
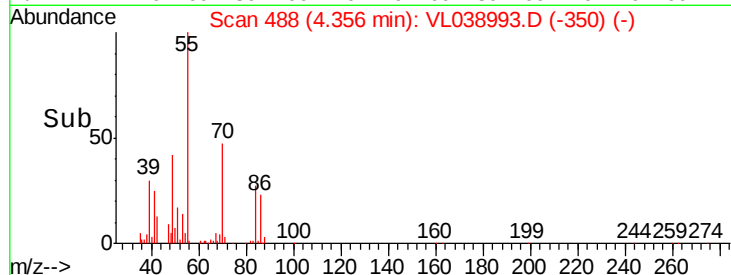
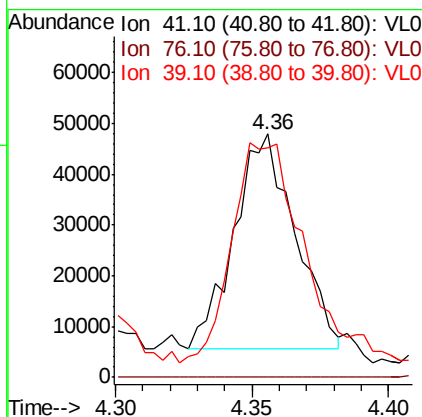
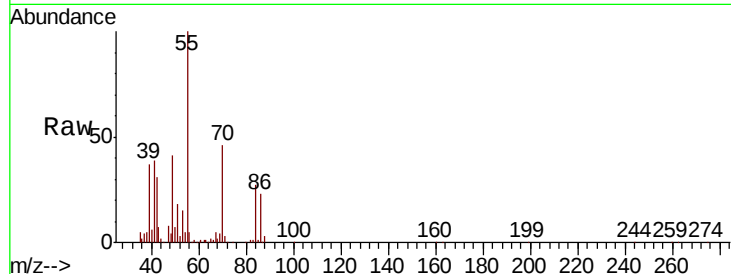
86 68.4 53.8 80.6





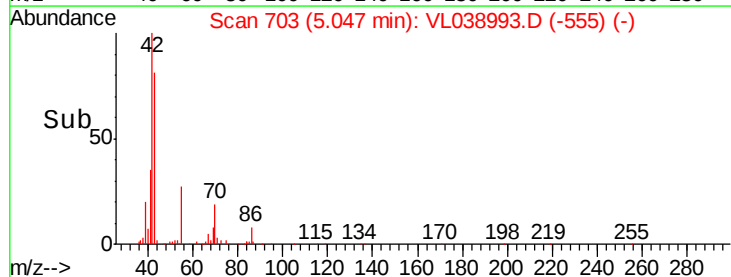
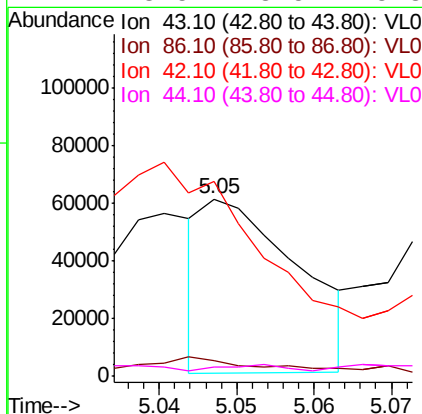
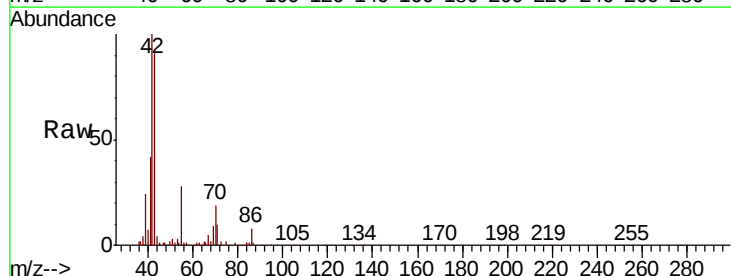
#21
Allvl Chloride
Concen: 0.927 ppbv
RT: 4.36
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 9 May 2022 19:04

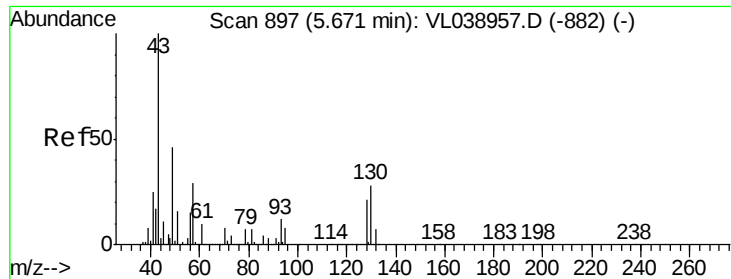
Tot Ion: 41 Resp: 65419
Ion Ratio Lower Upper
41 100
76 0.0 24.2 36.4#
39 152.4 63.8 95.8#



#23
Vinyl Acetate
Concen: 0.630 ppbv
RT: 5.05 min Scan# 703
Delta R.T. -0.02 min
Lab File: VL038993.D
Acq: 9 May 2022 19:04

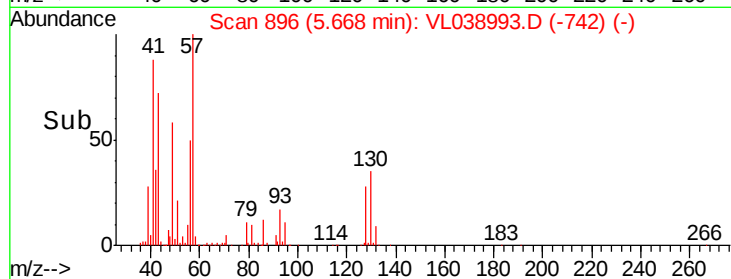
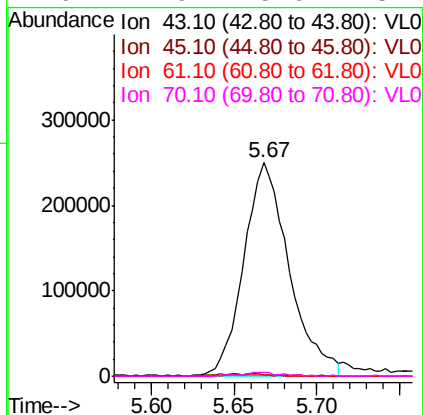
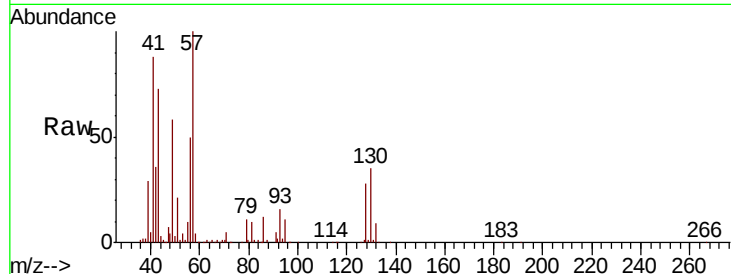
Tgt Ion: 43 Resp: 51582
Ion Ratio Lower Upper
43 100
86 8.8 6.6 9.8
42 138.3 8.1 12.1#
44 3.5 3.5 5.3#





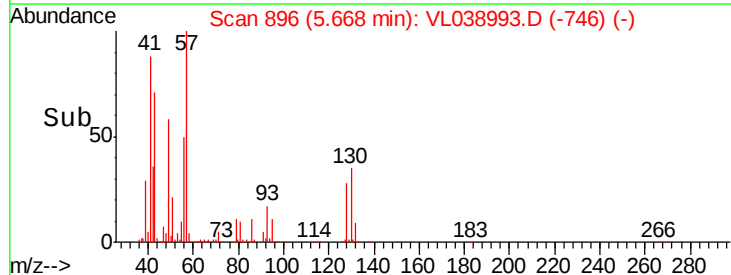
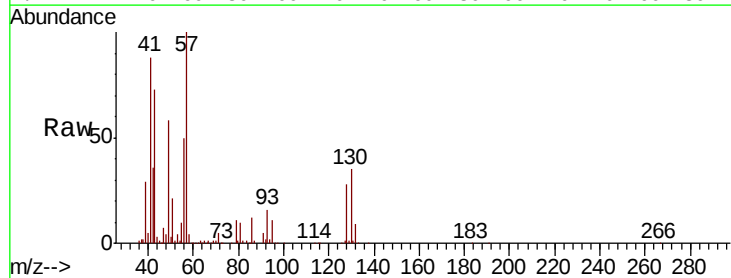
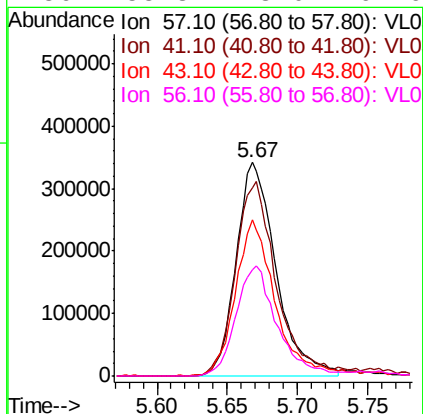
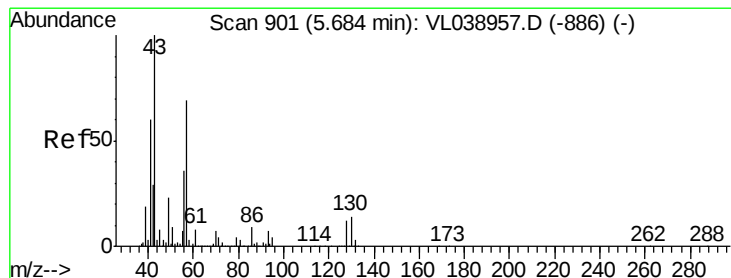
#25
Ethyl Acetate
Concen: 1.920 ppbv
RT: 5.67 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 9 May 2022 19:04

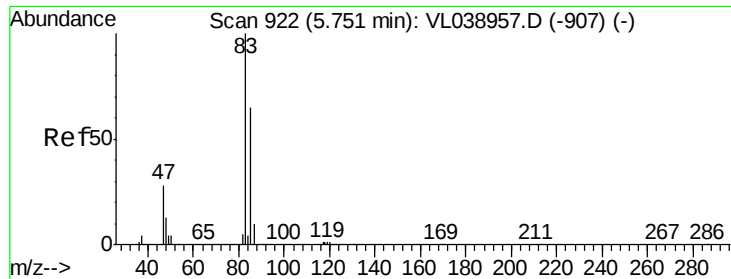
Tot Ion:	43	Resp:	475938
Ion	Ratio	Lower	Upper
43	100		
45	1.6	8.1	12.1#
61	0.8	7.8	11.6#
70	1.9	5.6	8.4#



#26
Hexane
Concen: 6.154 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.02 min
Lab File: VL038993.D
Acq: 9 May 2022 19:04

Tgt Ion:	57	Resp:	677741
Ion	Ratio	Lower	Upper
57	100		
41	97.4	75.2	112.8
43	74.5	190.8	286.2#
56	55.3	43.0	64.6





#29

Chloroform

Concen: 0.054 ppbv

RT: 5.74 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

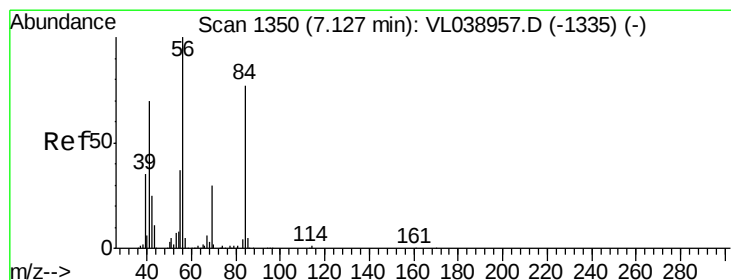
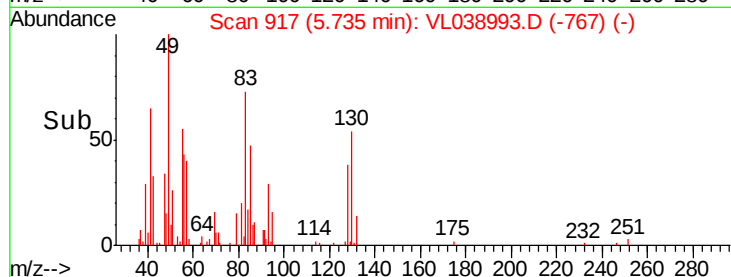
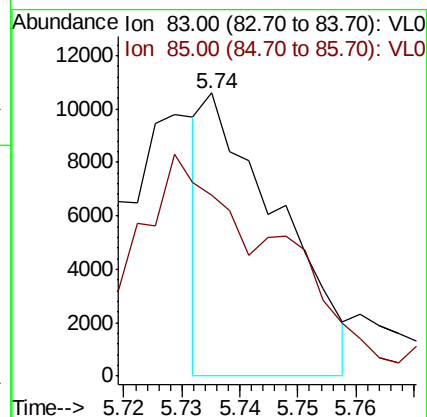
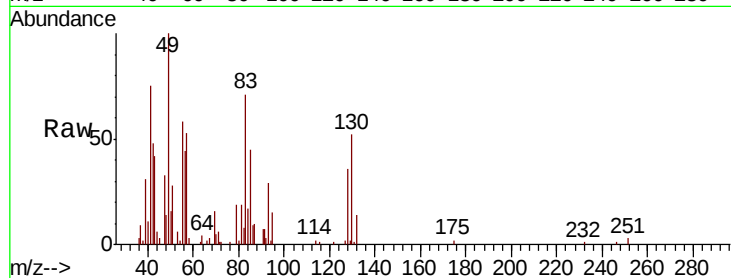
Acq: 9 May 2022 19:04

Tot Ion: 83 Resp: 9553

Ion Ratio Lower Upper

83 100

85 56.1 51.8 77.6



#30

Cyclohexane

Concen: 0.493 ppbv

RT: 7.11 min Scan# 1345

Delta R.T. -0.02 min

Lab File: VL038993.D

Acq: 9 May 2022 19:04

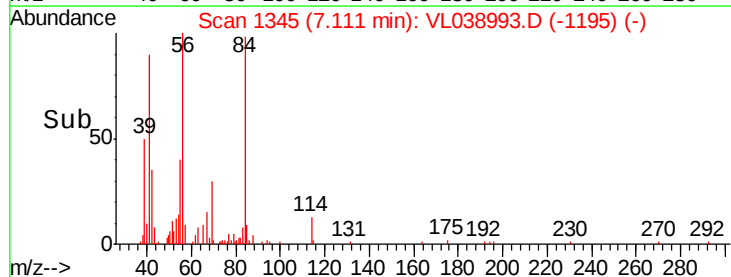
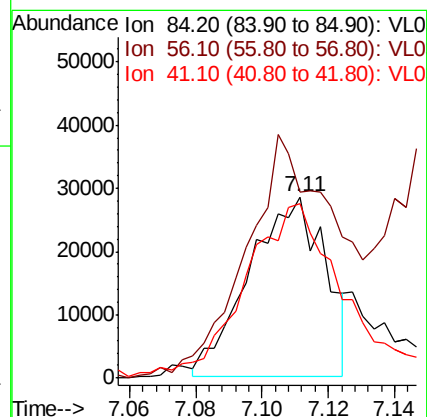
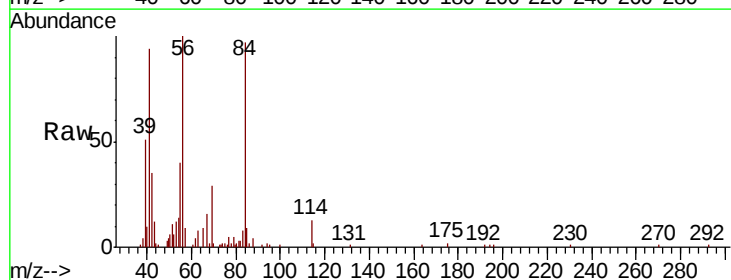
Tgt Ion: 84 Resp: 45474

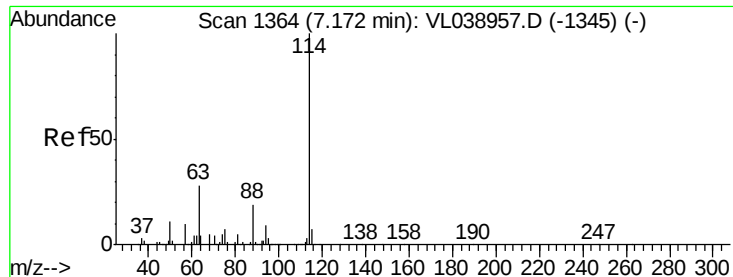
Ion Ratio Lower Upper

84 100

56 160.1 115.3 172.9

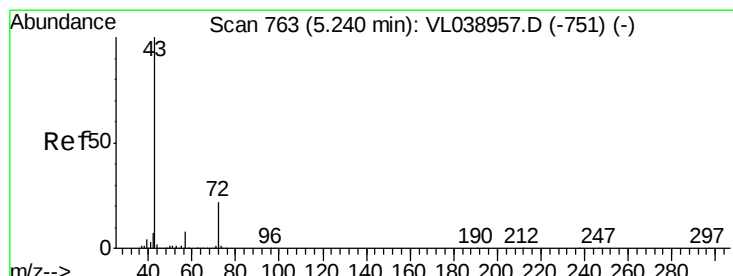
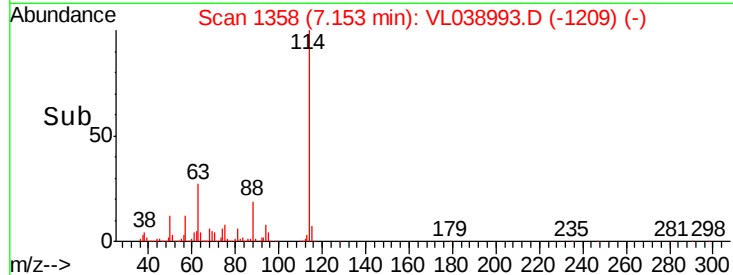
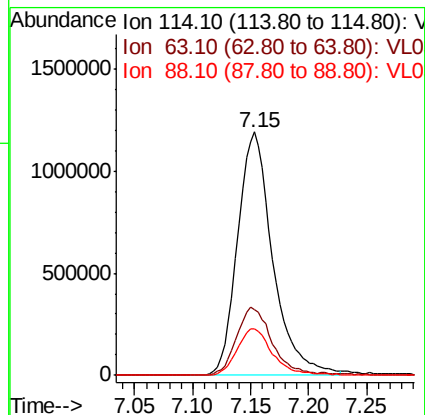
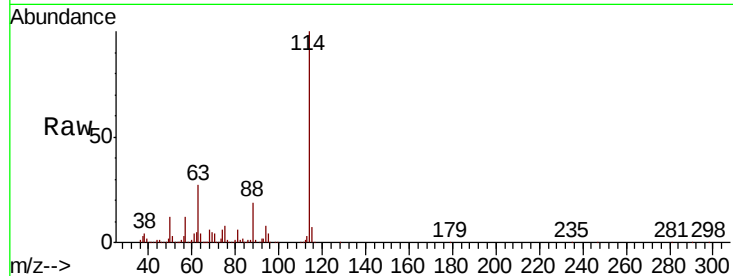
41 124.5 72.0 108.0#





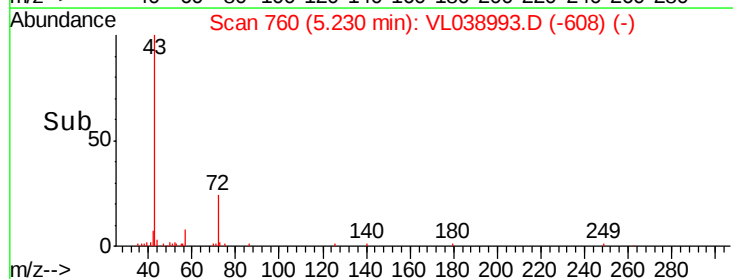
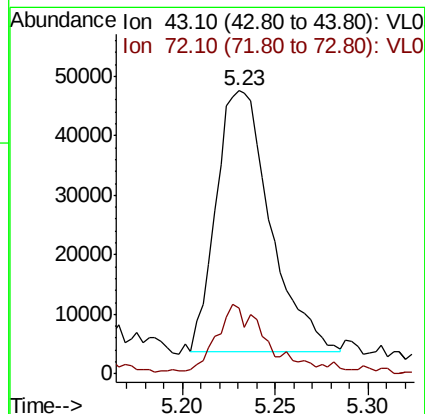
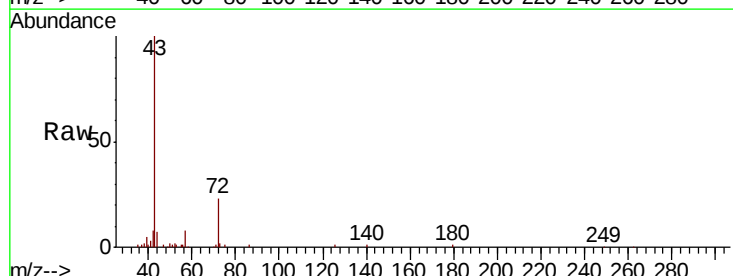
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 May 2022 19:04

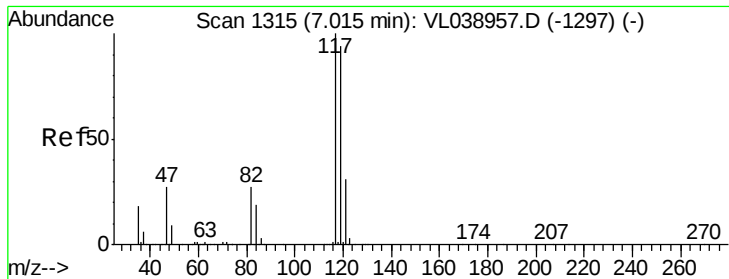
Tot Ion	114	Resp: 2511161	
Ion	Ratio	Lower	Upper
114	100		
63	29.2	22.6	33.8
88	19.6	15.4	23.0



#34
 2-Butanone
 Concen: 0.694 ppbv
 RT: 5.23 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: VL038993.D
 Acq: 9 May 2022 19:04

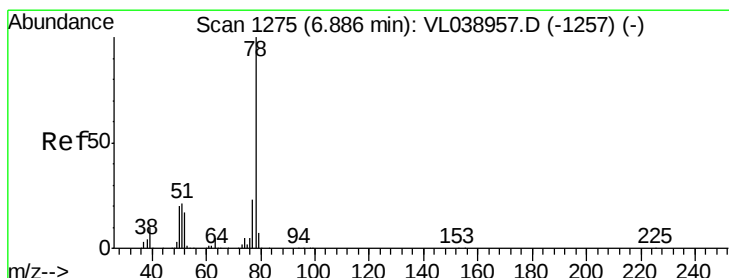
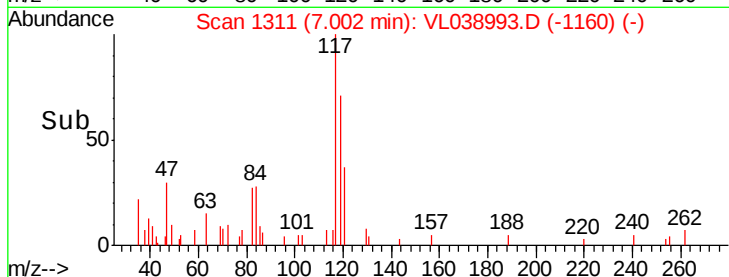
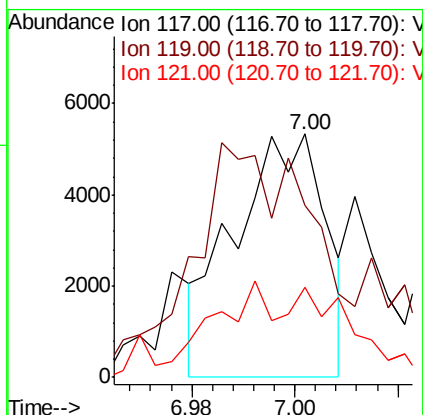
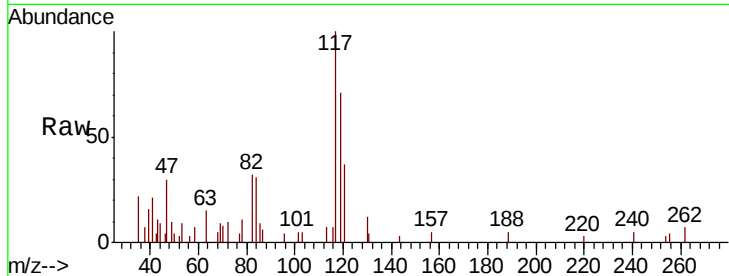
Tgt Ion: 43	Resp: 88965
Ion Ratio	Lower Upper
43 100	
72 27.1	17.8 26.6#





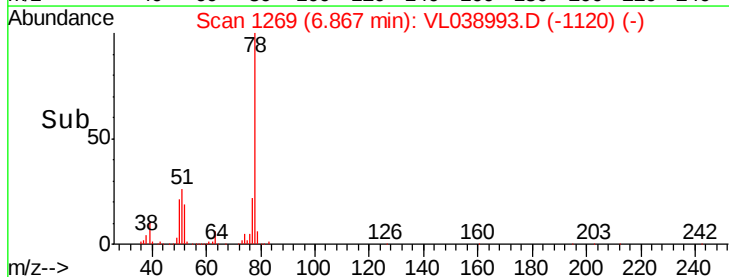
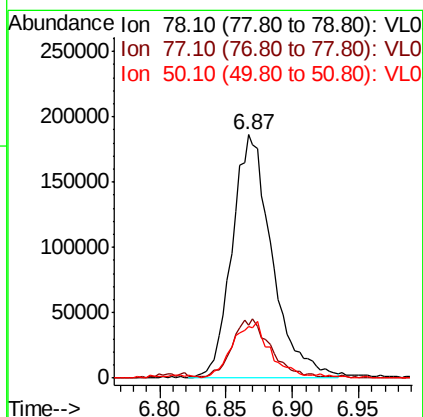
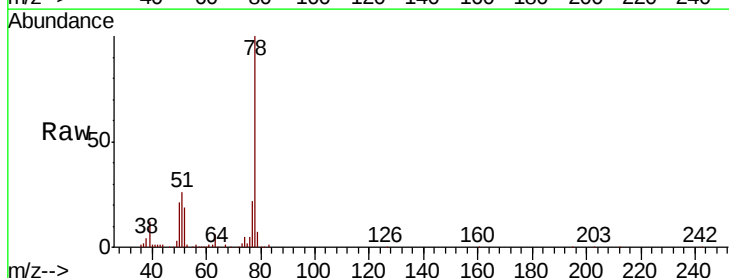
#35
Carbon Tetrachloride
Concen: 0.039 ppbv
RT: 7.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 9 May 2022 19:04

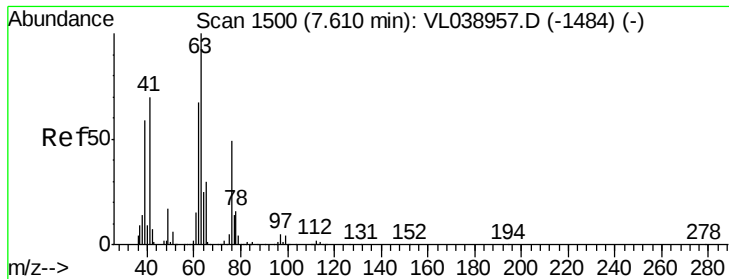
Tot Ion:117 Resp: 6519
Ion Ratio Lower Upper
117 100
119 59.4 75.2 112.8#
121 36.2 24.6 37.0



#36
Benzene
Concen: 1.797 ppbv
RT: 6.87 min Scan# 1269
Delta R.T. -0.02 min
Lab File: VL038993.D
Acq: 9 May 2022 19:04

Tgt Ion: 78 Resp: 386201
Ion Ratio Lower Upper
78 100
77 21.0 18.6 28.0
50 20.7 15.6 23.4





#39

1,2-Dichloropropane

Concen: 0.216 ppbv

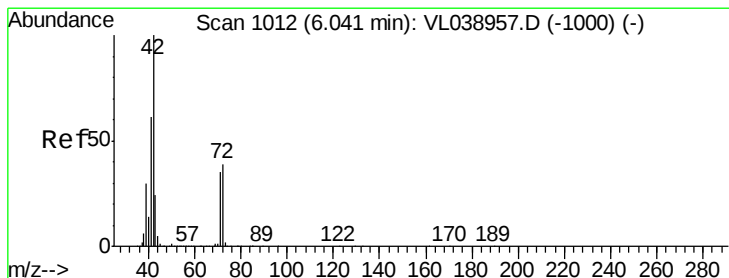
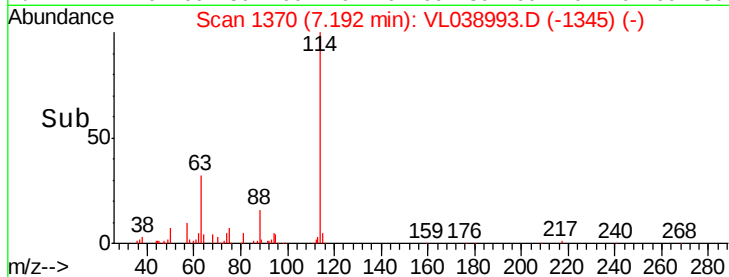
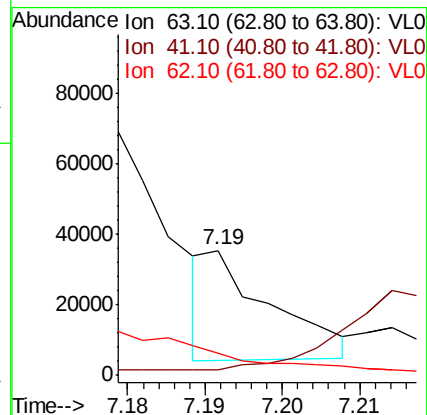
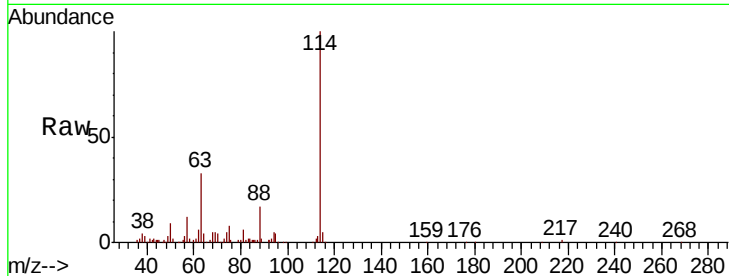
RT: 7.19 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 May 2022 19:04

Tot Ion:	63	Resp:	18034
Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.9	83.9#
62	16.0	53.8	80.6#



#41

Tetrahydrofuran

Concen: 0.692 ppbv

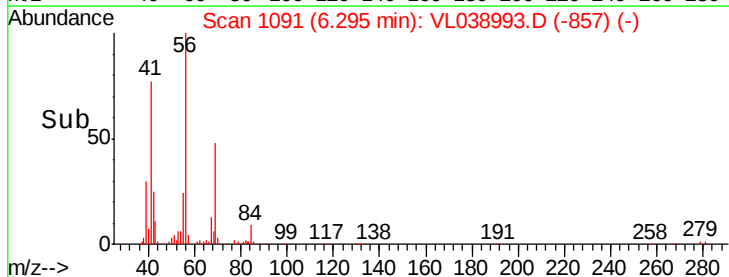
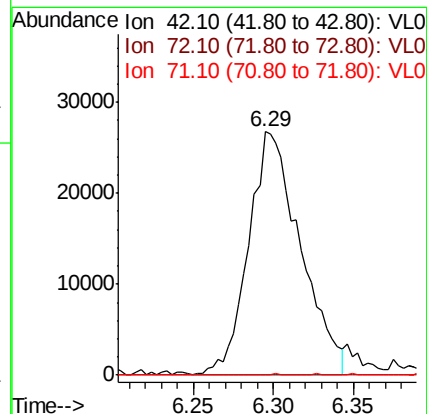
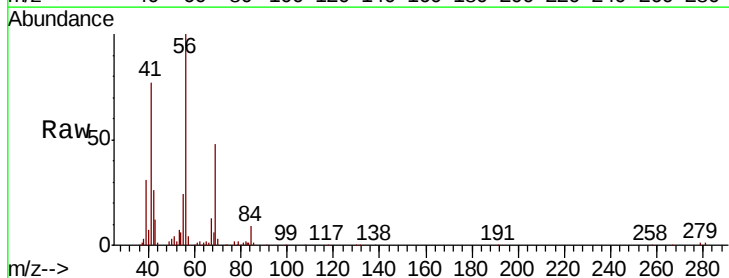
RT: 6.29 min Scan# 1091

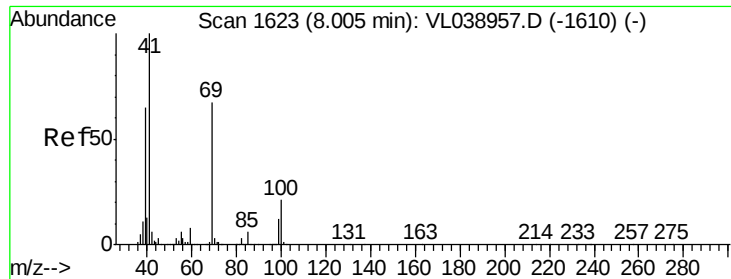
Delta R.T. 0.25 min

Lab File: VL038993.D

Acq: 9 May 2022 19:04

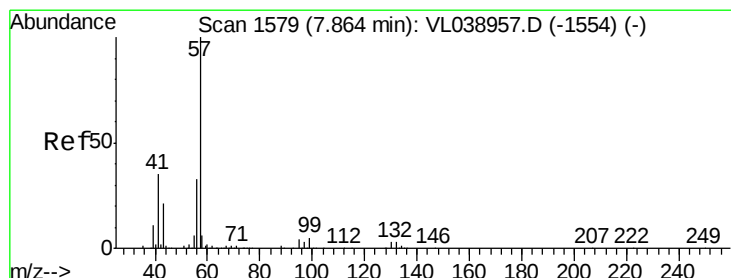
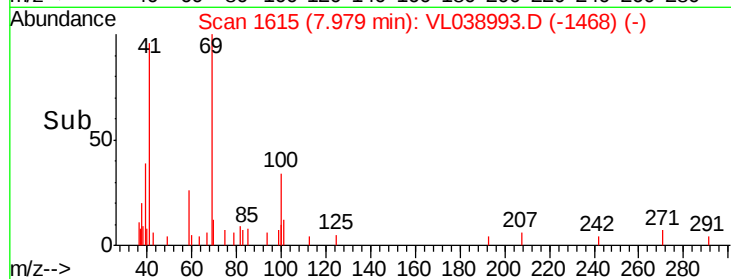
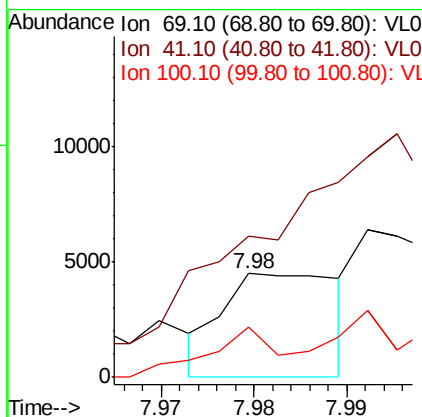
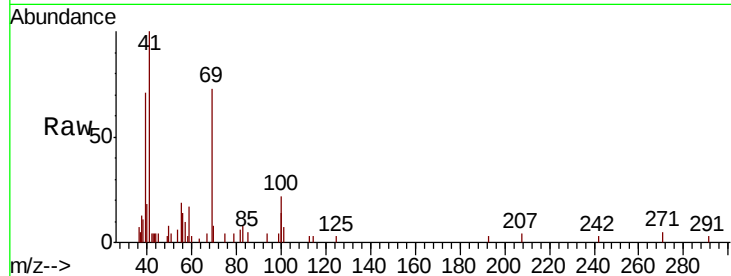
Tgt Ion:	42	Resp:	59620
Ion	Ratio	Lower	Upper
42	100		
72	0.9	31.8	47.6#
71	0.0	30.6	45.8#





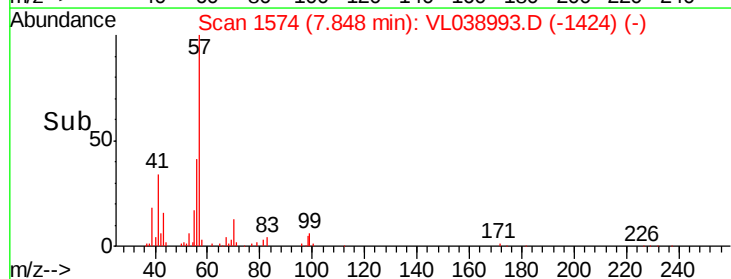
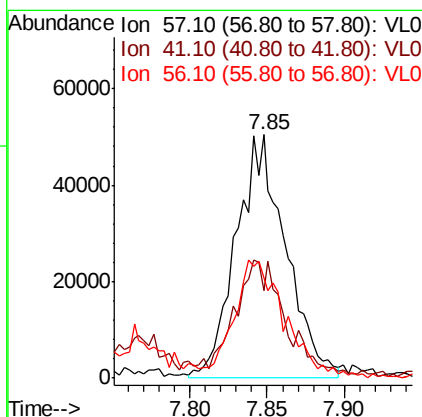
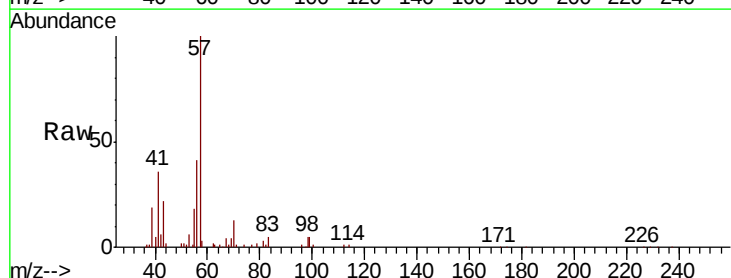
#43
Methvl Methacrvlate
Concen: 0.045 ppbv
RT: 7.98 Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
Acq: 9 May 2022 19:04

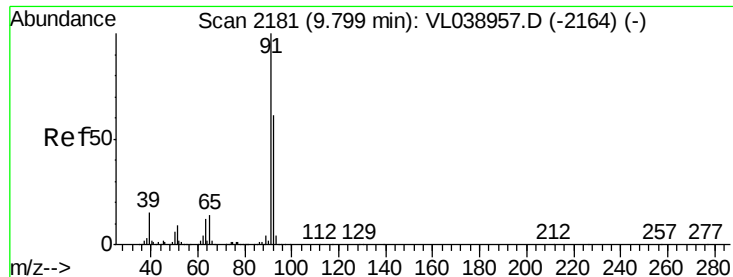
Tot Ion	Ratio	Lower	Upper
69	100		
41	0.0	121.9	182.9#
100	0.0	24.6	36.8#



#44
2,2,4-Trimethylpentane
Concen: 0.299 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. -0.02 min
Lab File: VL038993.D
Acq: 9 May 2022 19:04

Tgt Ion	Ratio	Lower	Upper
57	100		
41	51.3	26.3	39.5#
56	51.1	24.6	37.0#





#53

Toluene

Concen: 6.642 ppbv

RT: 9.78 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

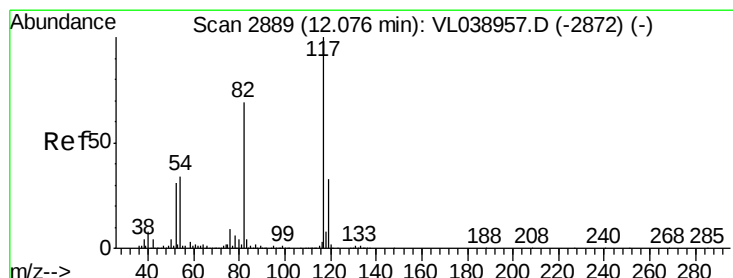
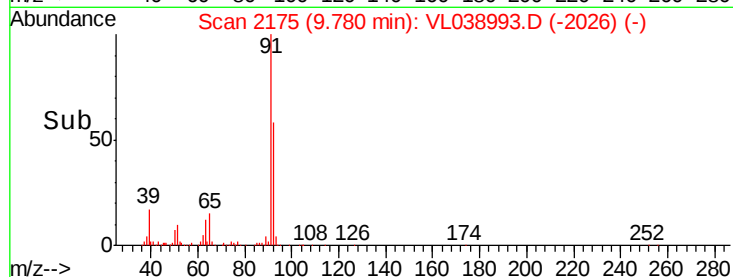
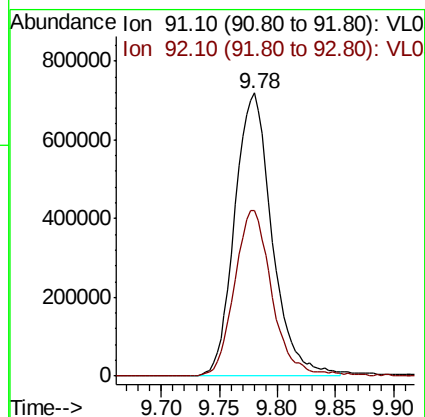
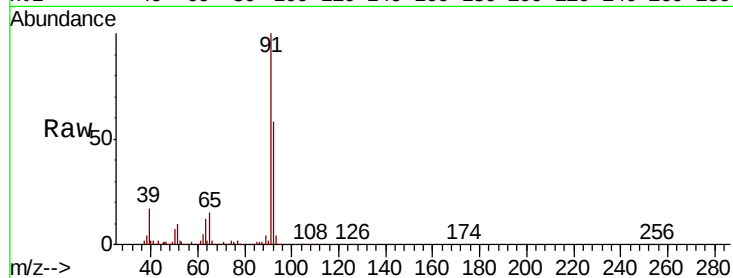
Acq: 9 May 2022 19:04

Tot Ion: 91 Resp: 1599821

Ion Ratio Lower Upper

91 100

92 59.6 48.2 72.2



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2883

Delta R.T. -0.02 min

Lab File: VL038993.D

Acq: 9 May 2022 19:04

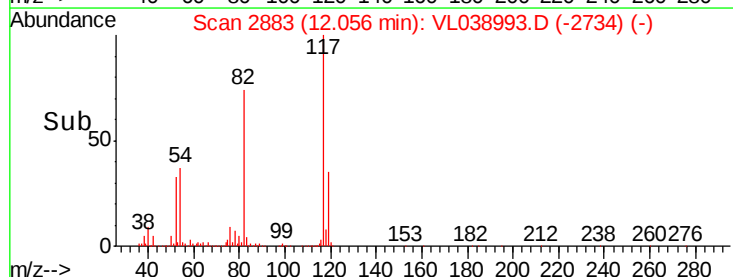
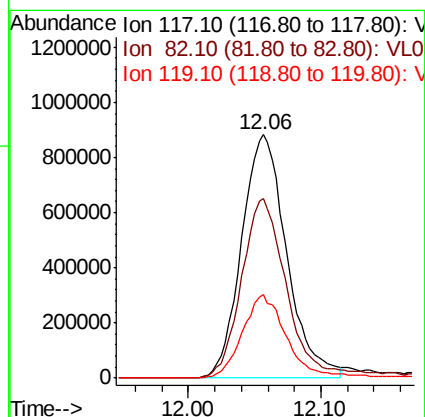
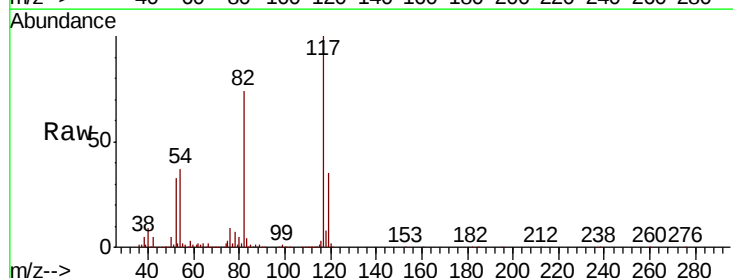
Tgt Ion: 117 Resp: 2090526

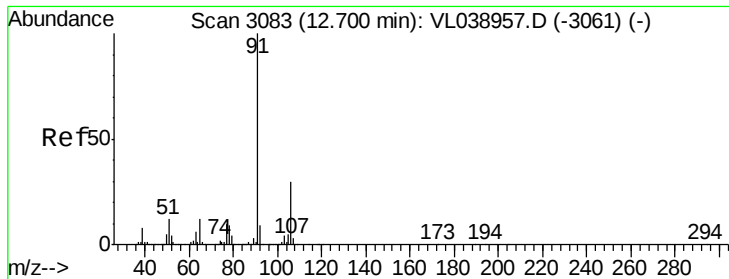
Ion Ratio Lower Upper

117 100

82 77.7 57.0 85.6

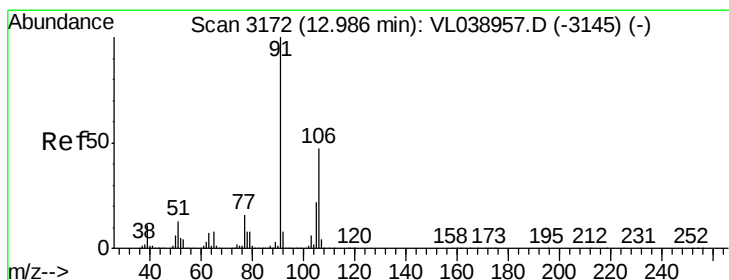
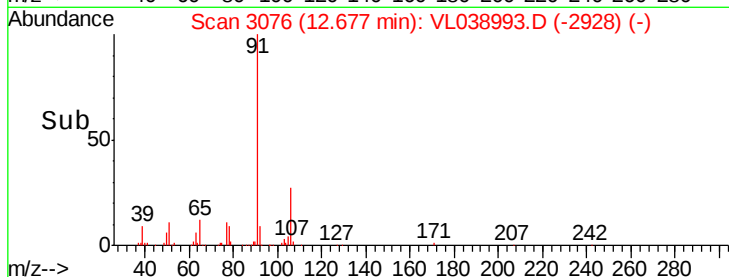
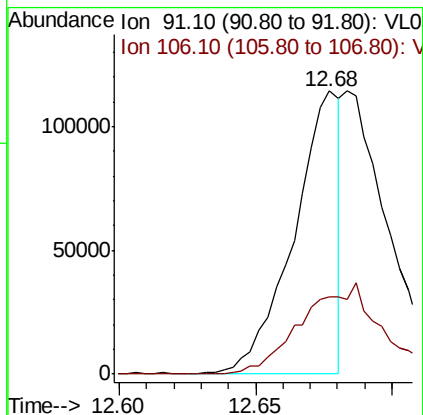
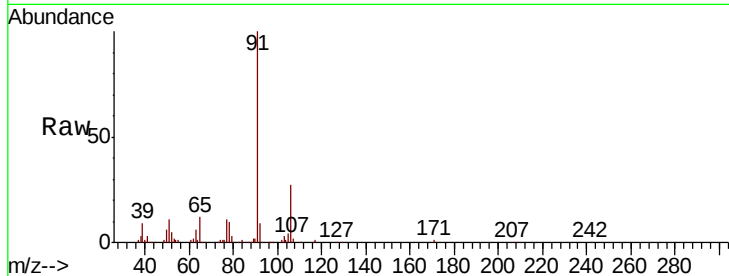
119 35.2 27.2 40.8





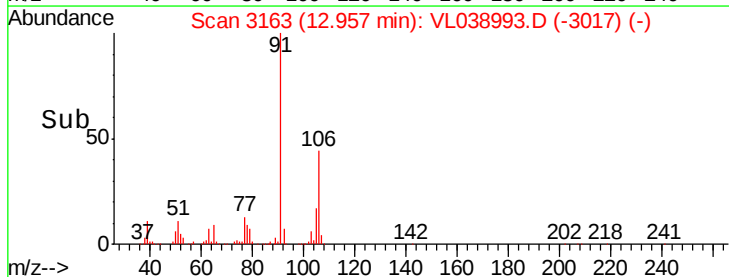
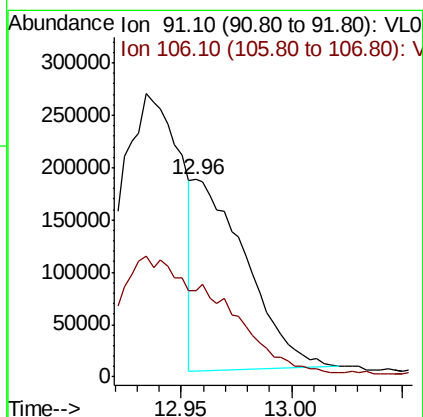
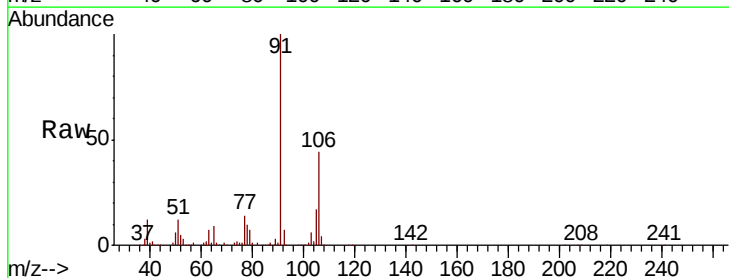
#58
Ethyl Benzene
Concen: 0.445 ppbv
RT: 12.68 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 9 May 2022 19:04

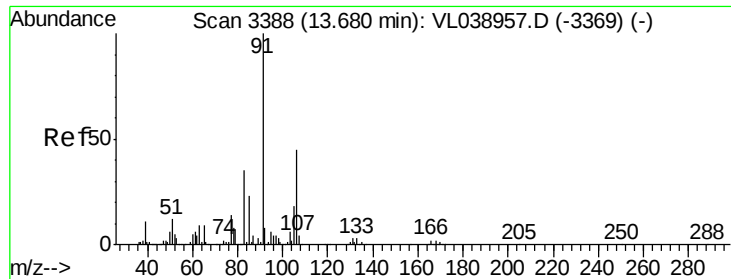
Tot Ion: 91 Resp: 133884
Ion Ratio Lower Upper
91 100
106 27.2 24.2 36.4



#59
m/p-Xylene
Concen: 1.182 ppbv
RT: 12.96 min Scan# 3163
Delta R.T. -0.03 min
Lab File: VL038993.D
Acq: 9 May 2022 19:04

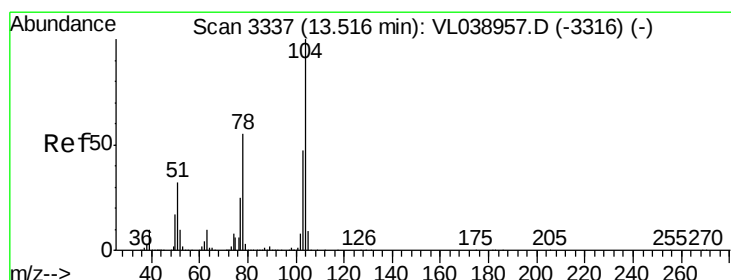
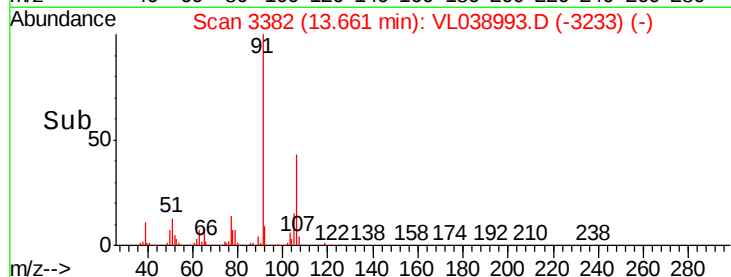
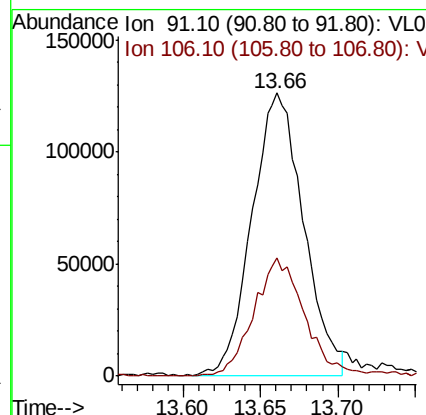
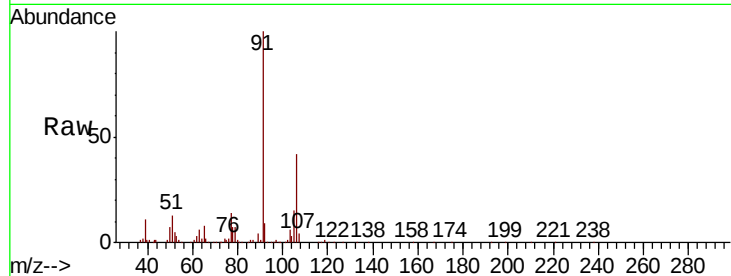
Tgt Ion: 91 Resp: 303667
Ion Ratio Lower Upper
91 100
106 0.0 34.6 52.0#





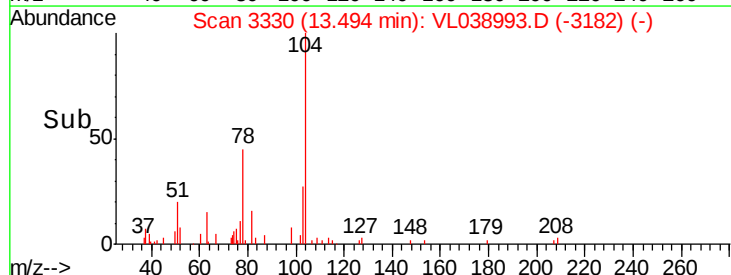
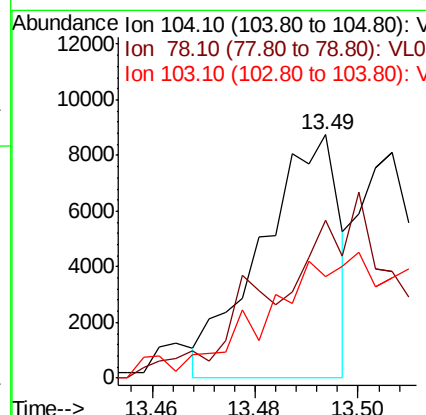
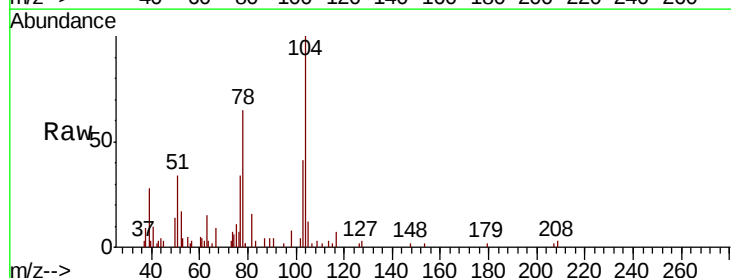
#60
o-Xylene
Concen: 1.209 ppbv
RT: 13.66
Delta R.T. MSVOA_L
Lab File: ClientSampled :
Acq: 9 May 2022 19:04

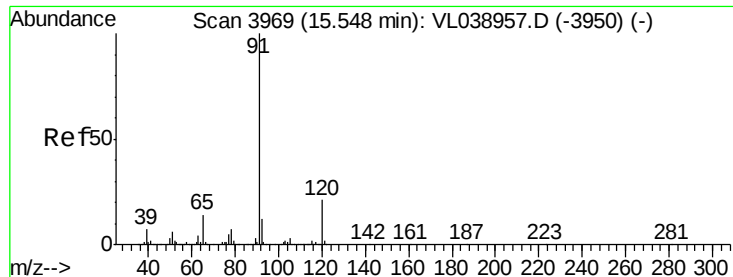
Tot Ion	91	Resp	292354
Ion Ratio	100	Lower	Upper
106	42.1	22.2	66.6



#61
Styrene
Concen: 0.071 ppbv
RT: 13.49 min Scan# 3330
Delta R.T. -0.02 min
Lab File: VL038993.D
Acq: 9 May 2022 19:04

Tgt Ion	104	Resp	9140
Ion Ratio	100	Lower	Upper
78	0.0	46.4	69.6#
103	0.0	39.3	58.9#





#64

n-propylbenzene

Concen: 0.152 ppbv

RT: 15.53 min

Delta R.T. MSVOA_L

Lab File: VL038993.D

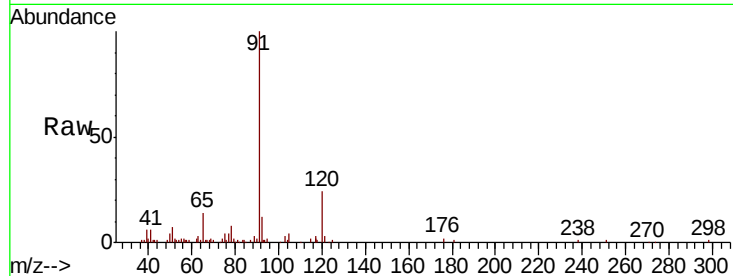
Acq: 9 May 2022 19:04

Tot Ion:120 Resp: 12954

Ion Ratio Lower Upper

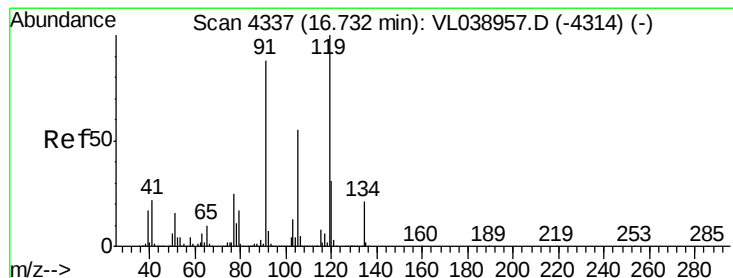
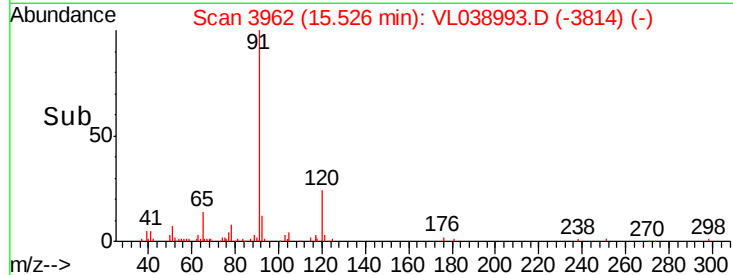
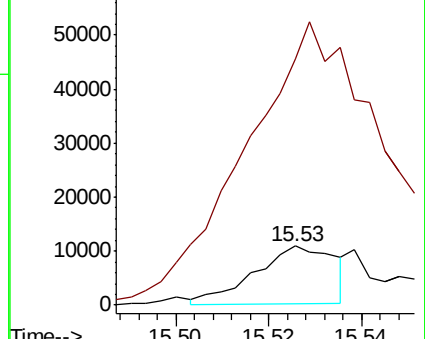
120 100

91 940.0 400.6 601.0#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#65

tert-Butylbenzene

Concen: 0.090 ppbv

RT: 16.73 min Scan# 4336

Delta R.T. -0.00 min

Lab File: VL038993.D

Acq: 9 May 2022 19:04

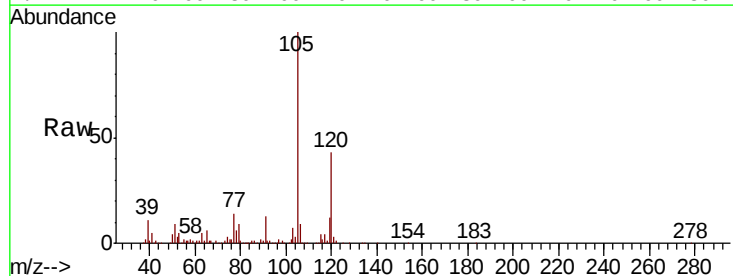
Tgt Ion:119 Resp: 27728

Ion Ratio Lower Upper

119 100

91 203.1 69.4 104.2#

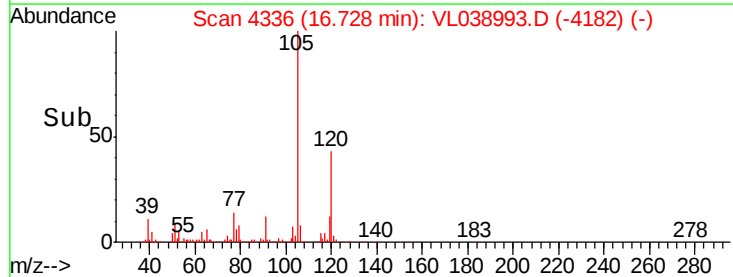
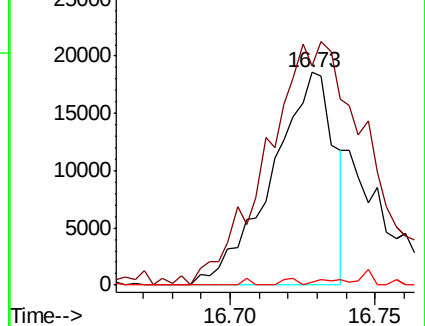
134 1.1 15.8 23.8#

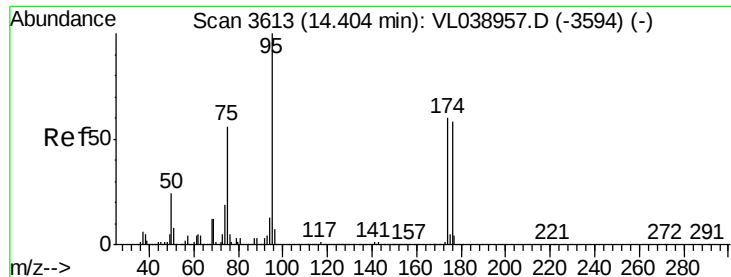


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

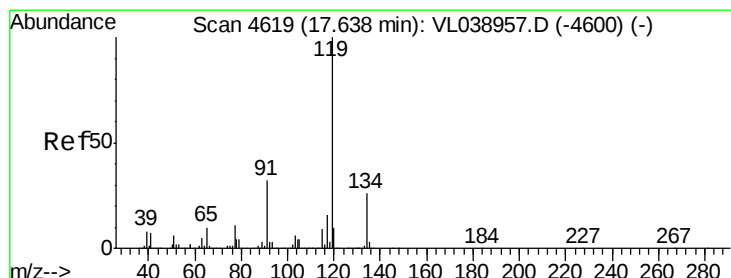
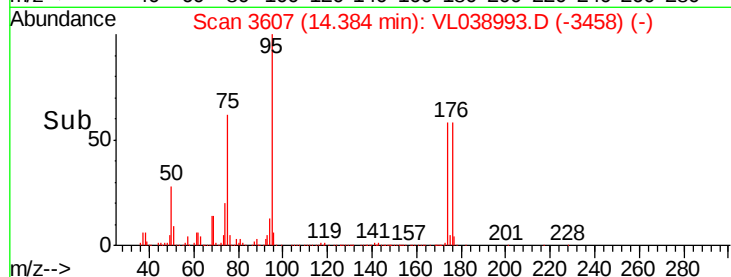
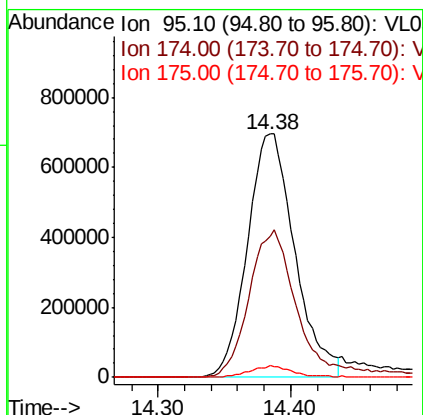
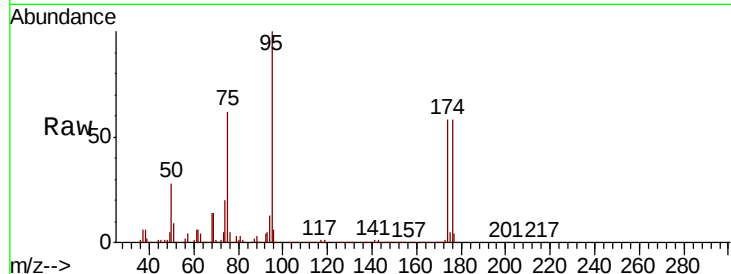
Ion 134.20 (133.90 to 134.90): V





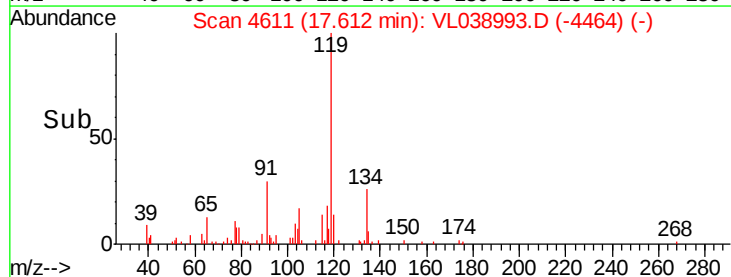
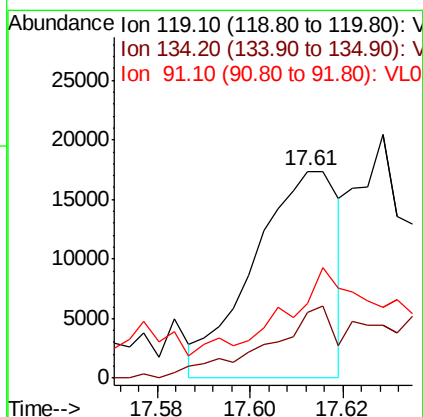
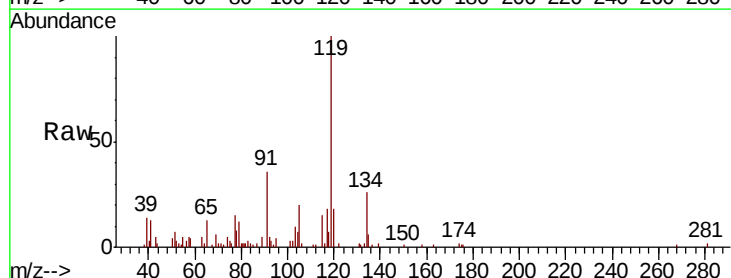
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.431 ppbv
 RT: 14.38 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 May 2022 19:04

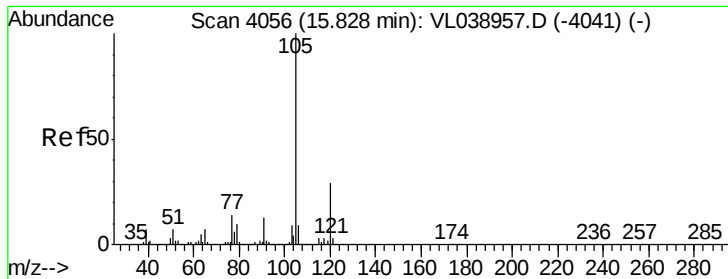
Tot Ion: 95 Resp: 1726910
 Ion Ratio Lower Upper
 95 100
 174 65.1 50.8 76.2
 175 4.5 3.8 5.6



#69
 p-Isopropyltoluene
 Concen: 0.062 ppbv
 RT: 17.61 min Scan# 4611
 Delta R.T. -0.03 min
 Lab File: VL038993.D
 Acq: 9 May 2022 19:04

Tgt Ion: 119 Resp: 22069
 Ion Ratio Lower Upper
 119 100
 134 63.9 20.0 30.0#
 91 72.9 24.8 37.2#





#72

4-Ethyltoluene

Concen: 0.549 ppbv

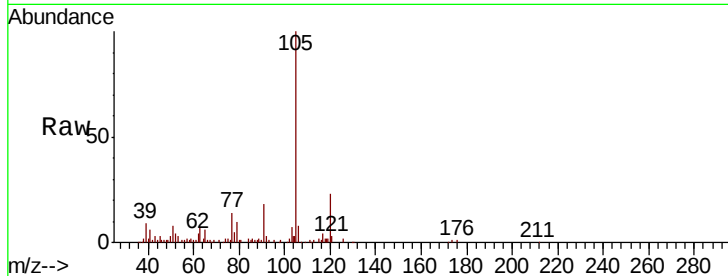
RT: 15.81

Delta R.T. MSVOA_L

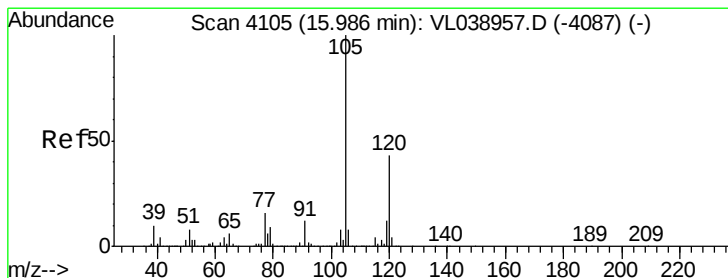
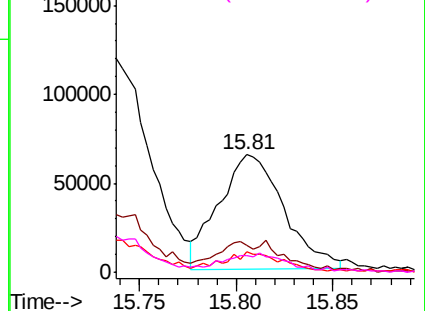
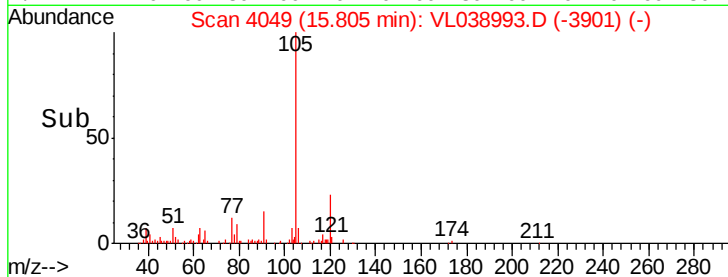
Lab File: ClientSampleId:

Acq: 9 May 2022 19:04

Tot Ion:	105	Resp:	151144
Ion	Ratio	Lower	Upper
105	100		
120	30.0	23.4	35.0
91	16.8	10.6	16.0
77	17.3	12.5	18.7



Abundance Ion 105.10 (104.80 to 105.80): V



#73

1,3,5-Trimethylbenzene

Concen: 0.178 ppbv

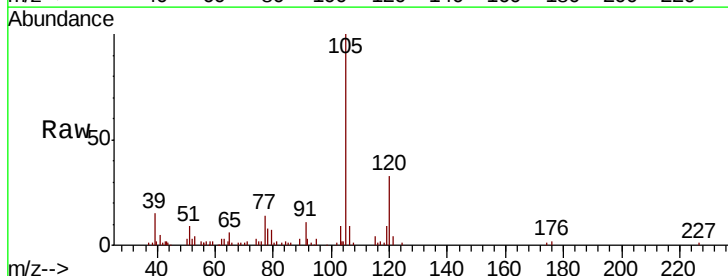
RT: 15.96 min Scan# 4097

Delta R.T. -0.03 min

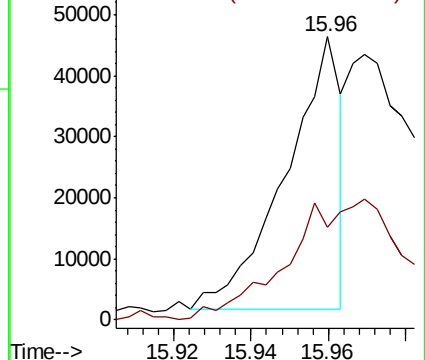
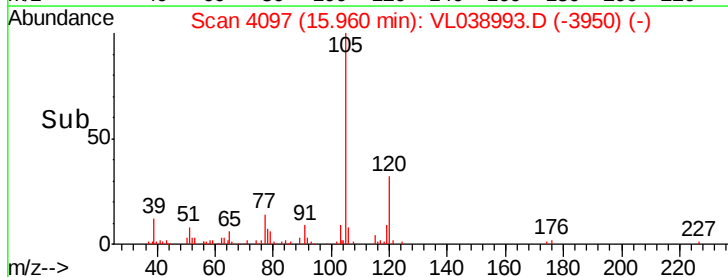
Lab File: VL038993.D

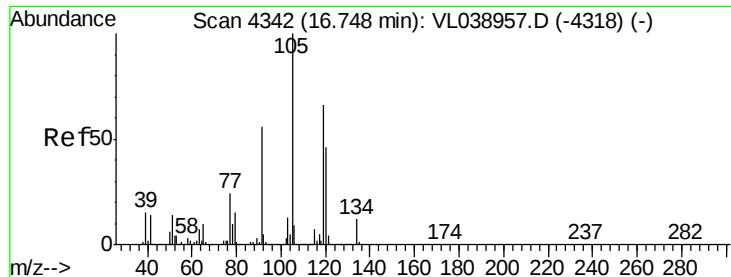
Acq: 9 May 2022 19:04

Tgt Ion:	105	Resp:	44178
Ion	Ratio	Lower	Upper
105	100		
120	33.0	34.4	51.6



Abundance Ion 105.10 (104.80 to 105.80): V





#74

1,2,4-Trimethylbenzene

Concen: 0.679 ppbv

RT: 16.73

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 May 2022 19:04

Tot Ion:105 Resp: 184273

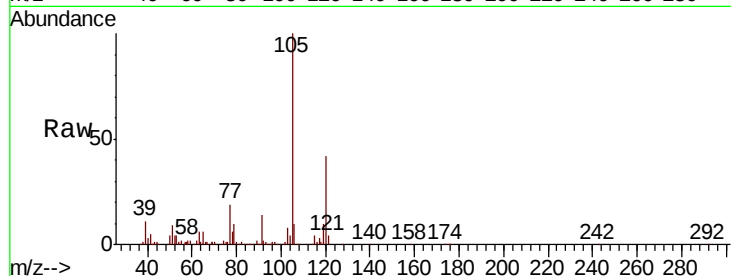
Ion Ratio Lower Upper

105 100

120 42.0 36.9 55.3

91 13.2 45.0 67.4#

77 18.2 19.2 28.8#



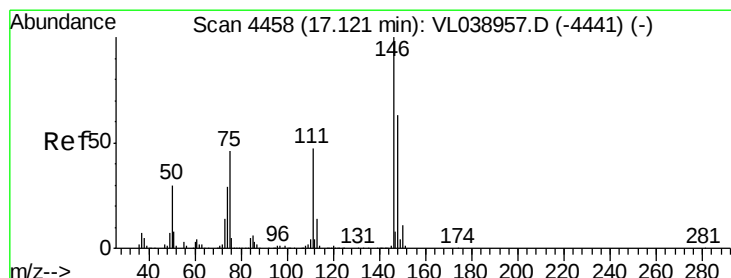
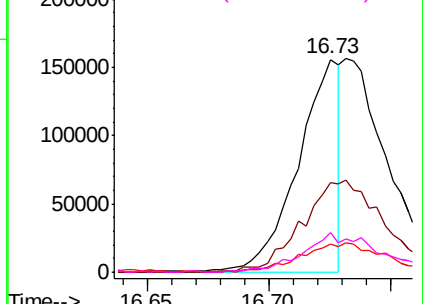
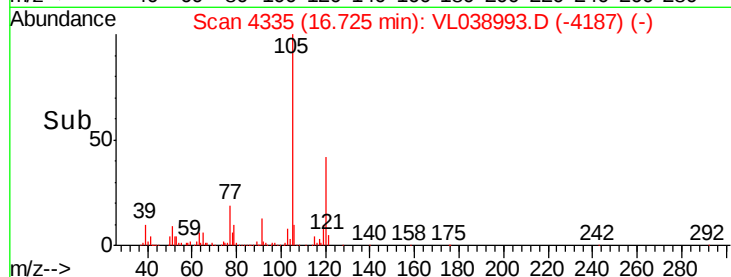
Abundance

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: 0.055 ppbv

RT: 17.10 min Scan# 4452

Delta R.T. -0.02 min

Lab File: VL038993.D

Acq: 9 May 2022 19:04

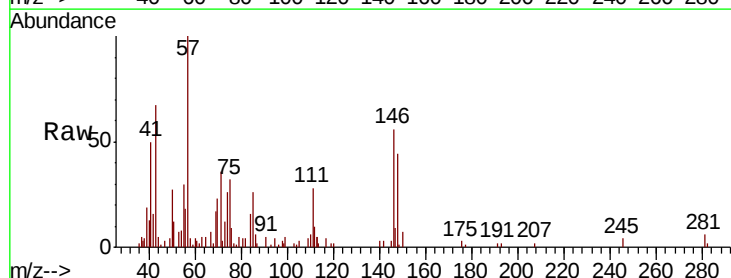
Tgt Ion:146 Resp: 8089

Ion Ratio Lower Upper

146 100

111 0.0 23.6 71.0#

148 189.1 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

