

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040722\
 Data File : VL038848.D
 Acq On : 7 Apr 2022 19:33
 Operator : SY/AP
 Sample : N2273-03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 1160-1-1A-3

Quant Time: Apr 11 05:14:40 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1206625	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.20	114	3065820	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.11	117	2678384	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2229463	10.97	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.70%

Target Compounds

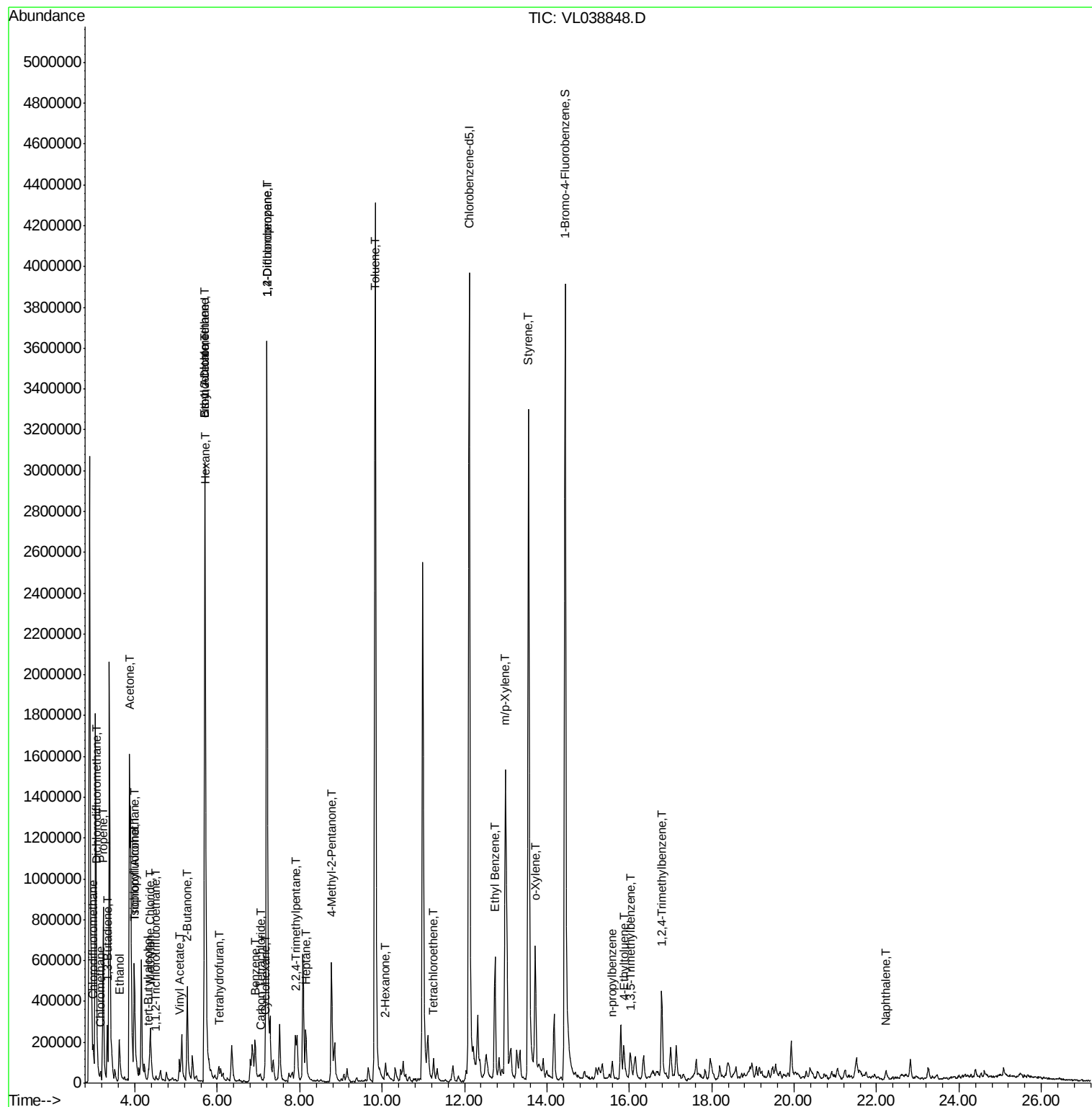
					Ovalue
2) Dichlorodifluoromethane	3.07	85	46762	0.273 ppbv	96
3) Chlorodifluoromethane	2.99	51	141006	0.958 ppbv #	75
4) Chloromethane	3.17	50	38446	0.504 ppbv	97
9) Propene	3.23	41	291588	3.743 ppbv	99
10) Heptane	8.15	43	131088	0.668 ppbv	92
11) Trichlorofluoromethane	3.97	101	34096	0.248 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.51	101	4330	0.041 ppbv #	24
13) Ethanol	3.62	45	280260	59.192 ppbv #	100
15) Acetone	3.87	43	2436778	20.284 ppbv	92
16) 1,3-Butadiene	3.33	39	85545	1.246 ppbv #	17
17) tert-Butyl alcohol	4.32	59	3922	0.036 ppbv #	72
19) Isopropyl Alcohol	3.99	45	680051	11.076 ppbv #	100
20) Methylene Chloride	4.37	84	90337	2.073 ppbv #	82
23) Vinyl Acetate	5.08	43	44473	0.380 ppbv #	1
25) Ethyl Acetate	5.70	43	1340208	4.397 ppbv #	96
26) Hexane	5.71	57	260663	1.879 ppbv #	1
30) Cyclohexane	7.15	84	18249	0.149 ppbv #	33
31) cis-1,2-Dichloroethene	5.70	61	142192	1.115 ppbv #	24
34) 2-Butanone	5.27	43	643300	5.310 ppbv	97
35) Carbon Tetrachloride	7.04	117	5773	0.031 ppbv #	57
36) Benzene	6.92	78	93622	0.336 ppbv	96
39) 1,2-Dichloropropane	7.20	63	811246	7.605 ppbv #	26
41) Tetrahydrofuran	6.06	42	4851	0.042 ppbv #	37
44) 2,2,4-Trimethylpentane	7.90	57	229279	0.486 ppbv #	70
50) 4-Methyl-2-Pentanone	8.77	43	528945	1.941 ppbv	97
51) 2-Hexanone	10.08	43	36217	0.176 ppbv #	32
52) Tetrachloroethene	11.24	164	5172	0.053 ppbv	89
53) Toluene	9.83	91	3208858	9.967 ppbv	99
58) Ethyl Benzene	12.73	91	366081	0.915 ppbv	93
59) m/p-Xylene	12.99	91	1726555	5.135 ppbv	99
60) o-Xylene	13.72	91	519210	1.650 ppbv	97
61) Styrene	13.55	104	2155861	11.247 ppbv	95
64) n-propylbenzene	15.59	120	8158	0.067 ppbv #	1
72) 4-Ethyltoluene	15.87	105	119946	0.319 ppbv	98
73) 1,3,5-Trimethylbenzene	16.04	105	16998	0.050 ppbv #	85
74) 1,2,4-Trimethylbenzene	16.79	105	338010	0.947 ppbv #	70
79) Naphthalene	22.24	128	10328	0.039 ppbv #	86

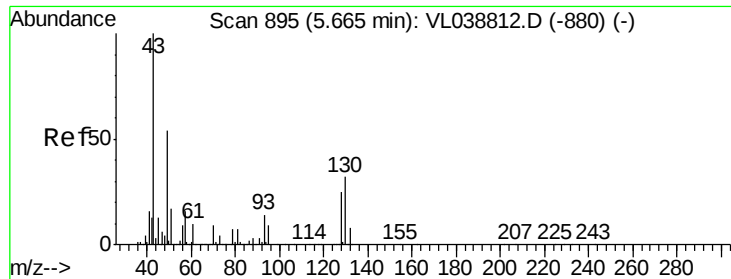
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040722\
Data File : VL038848.D
Acq On : 7 Apr 2022 19:33
Operator : SY/AP
Sample : N2273-03
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
1160-1-1A-3

Quant Time: Apr 11 05:14:40 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 06 06:12:53 2022
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Apr 2022 19:33

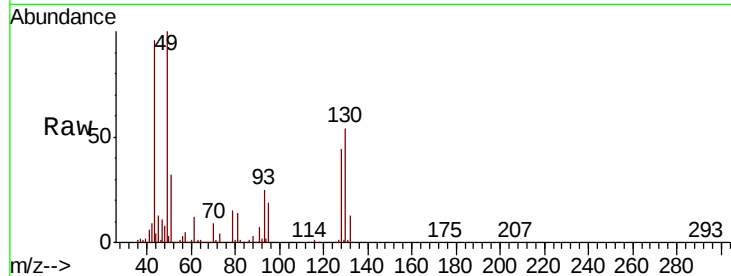
Tot Ion: 49 Resp: 1206625

Ion Ratio Lower Upper

49 100

128 46.0 24.1 72.3

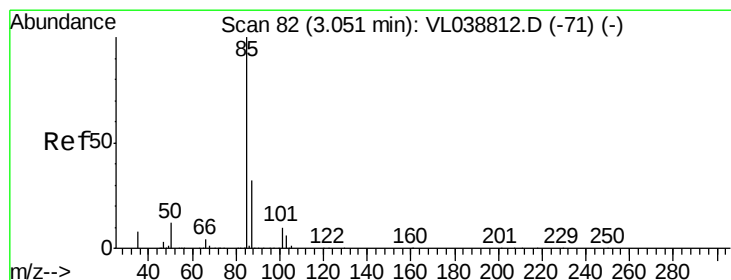
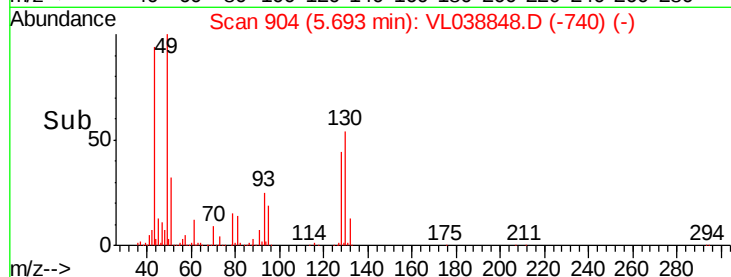
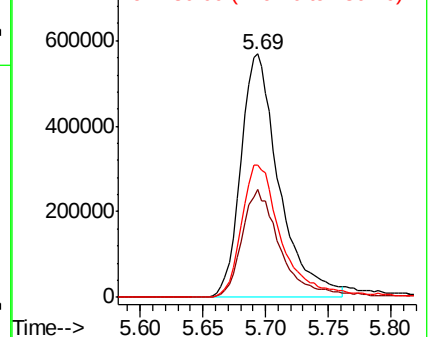
130 59.1 30.9 92.8



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: 0.273 ppbv

RT: 3.07 min Scan# 88

Delta R.T. 0.02 min

Lab File: VL038848.D

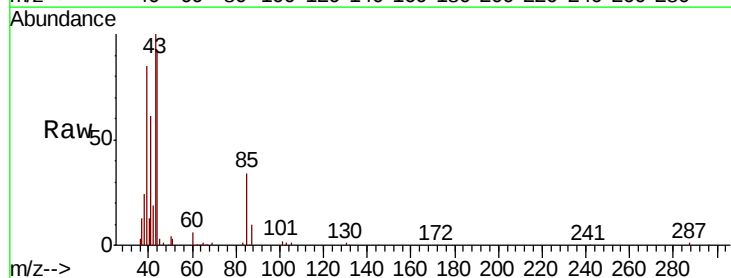
Acq: 7 Apr 2022 19:33

Tgt Ion: 85 Resp: 46762

Ion Ratio Lower Upper

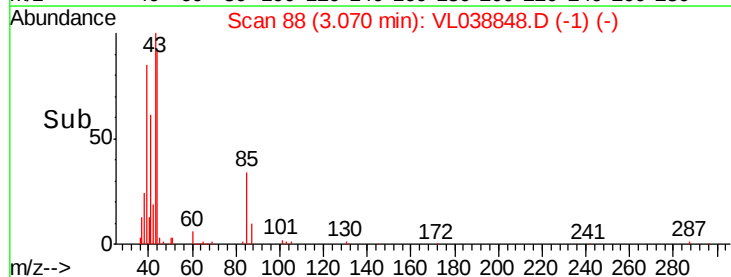
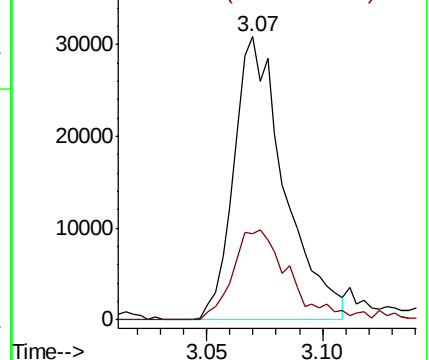
85 100

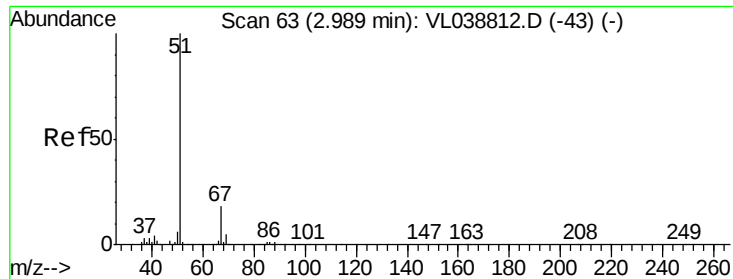
87 30.3 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.958 ppbv

RT: 2.99 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: 1160-1-1A-3

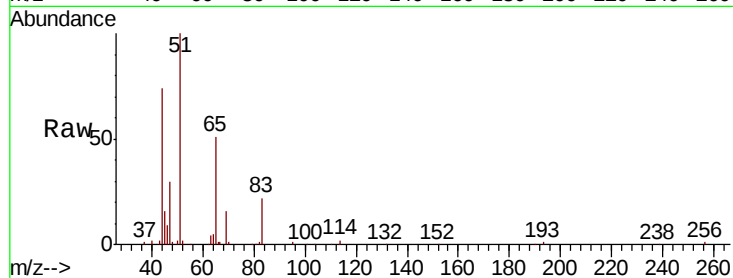
Acq: 7 Apr 2022 19:33

Tot Ion: 51 Resp: 141006

Ion Ratio Lower Upper

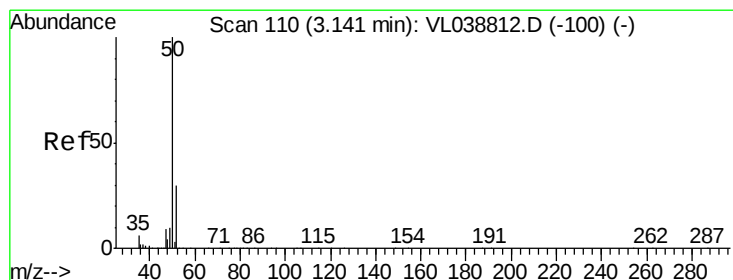
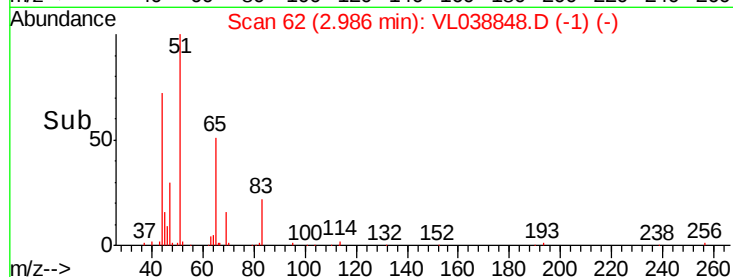
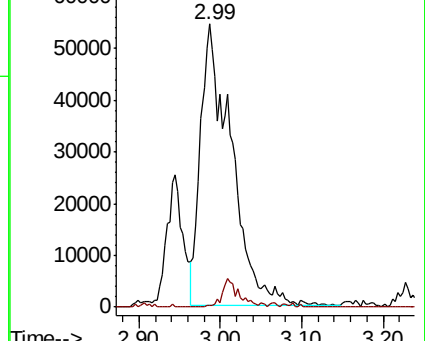
51 100

67 6.1 13.4 20.0#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.504 ppbv

RT: 3.17 min Scan# 118

Delta R.T. 0.03 min

Lab File: VL038848.D

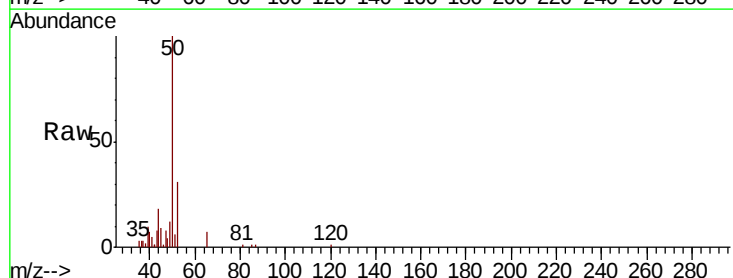
Acq: 7 Apr 2022 19:33

Tgt Ion: 50 Resp: 38446

Ion Ratio Lower Upper

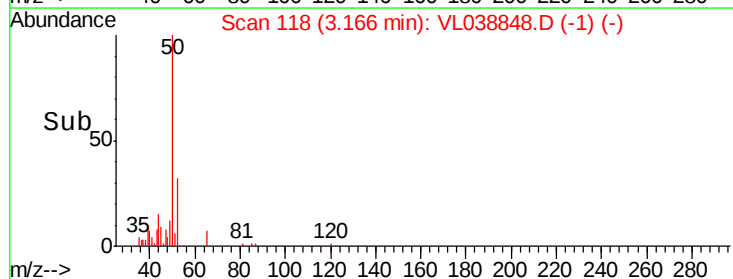
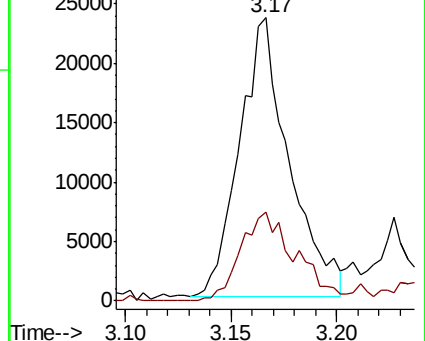
50 100

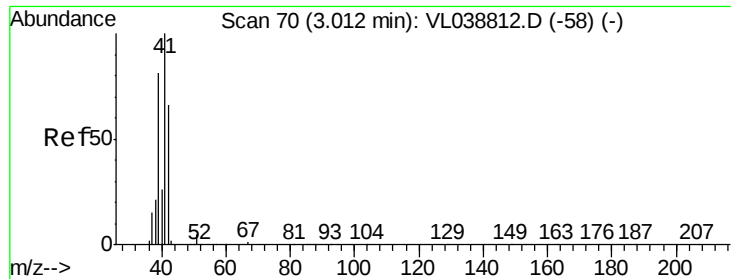
52 32.1 24.3 36.5



Abundance Ion 50.10 (49.80 to 50.80): VL0

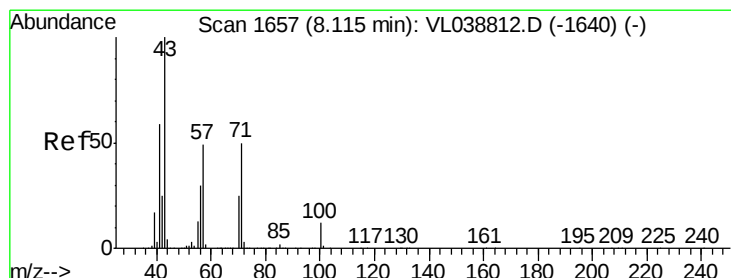
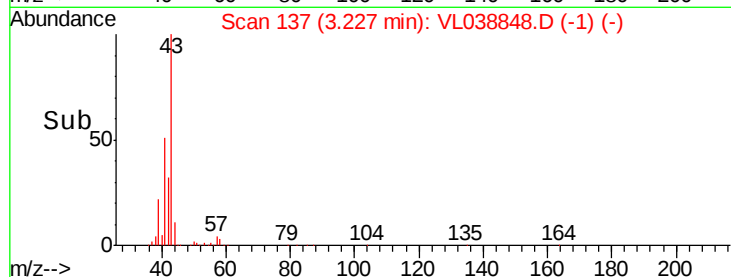
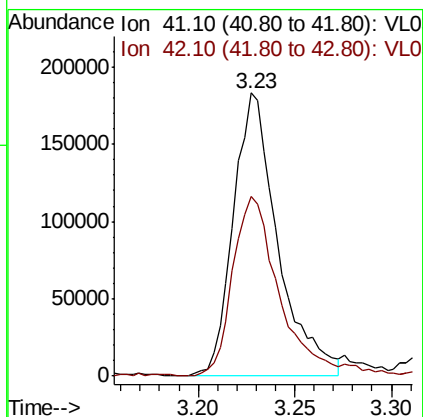
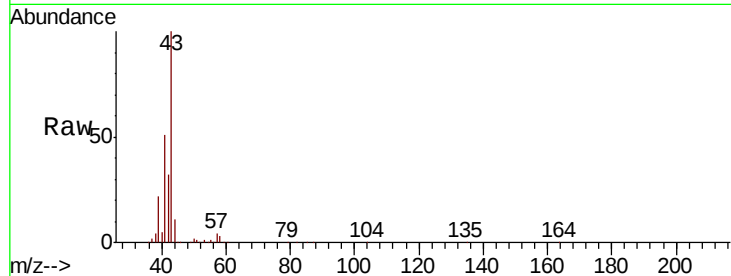
Ion 52.10 (51.80 to 52.80): VL0





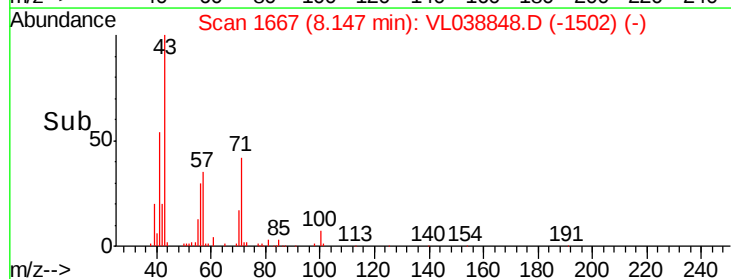
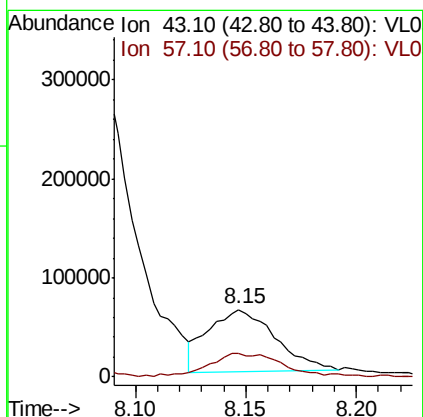
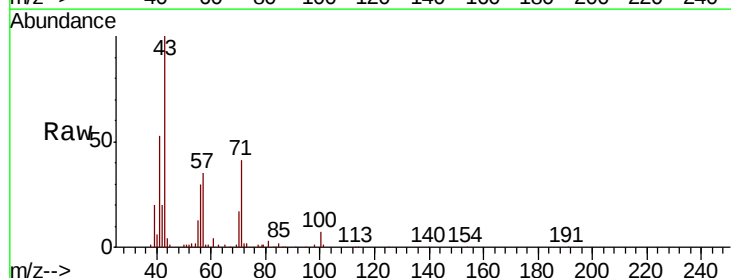
#9
 Propene
 Concen: 3.743 ppbv
 RT: 3.23
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 1160-1-1A-3
 Acq: 7 Apr 2022 19:33

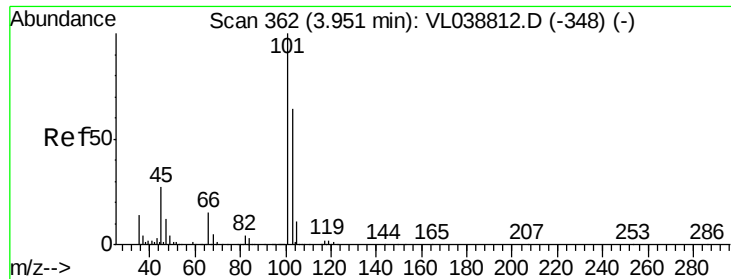
Tot Ion: 41 Resp: 291588
 Ion Ratio Lower Upper
 41 100
 42 67.3 54.2 81.4



#10
 Heptane
 Concen: 0.668 ppbv
 RT: 8.15 min Scan# 1667
 Delta R.T. 0.03 min
 Lab File: VL038848.D
 Acq: 7 Apr 2022 19:33

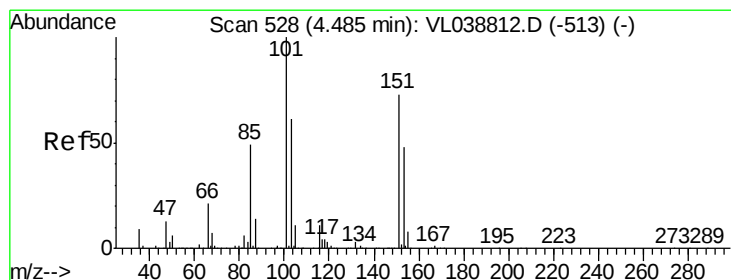
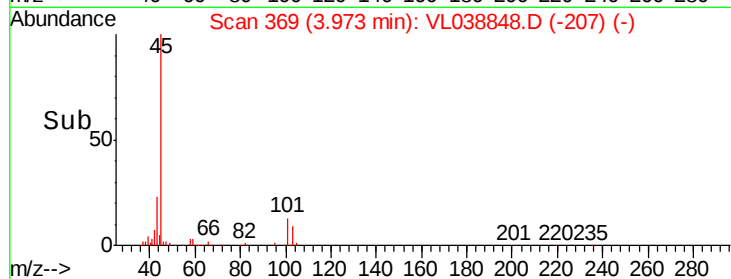
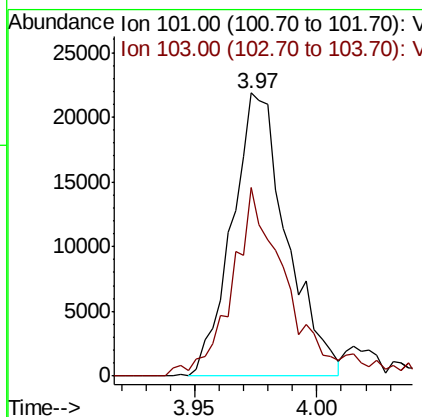
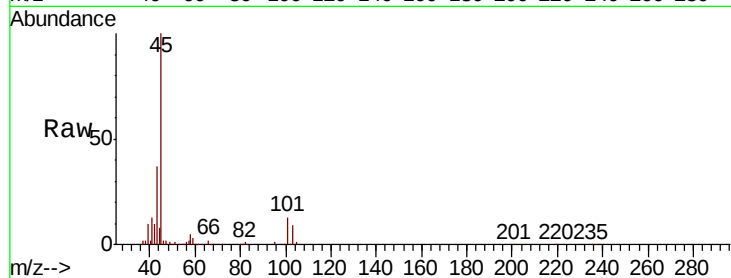
Tgt Ion: 43 Resp: 131088
 Ion Ratio Lower Upper
 43 100
 57 43.6 39.3 58.9





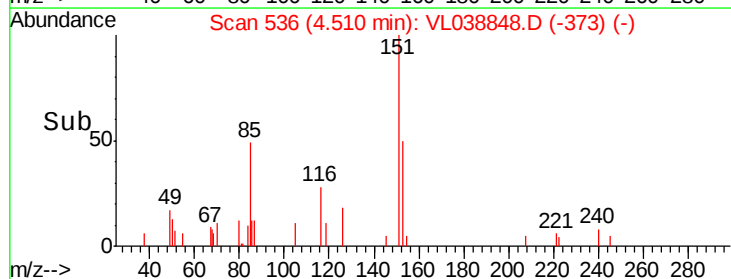
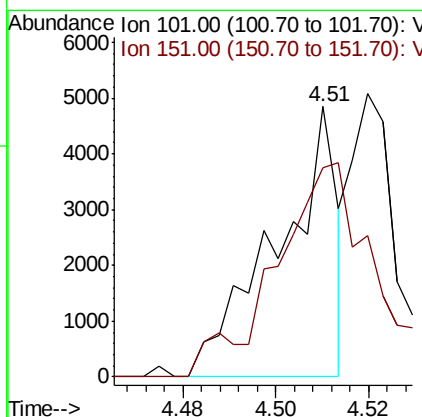
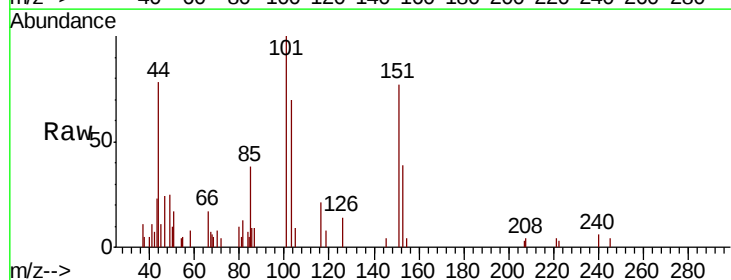
#11
 Trichlorofluoromethane
 Concen: 0.248 ppbv
 RT: 3.97
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 1160-1-1A-3
 Acq: 7 Apr 2022 19:33

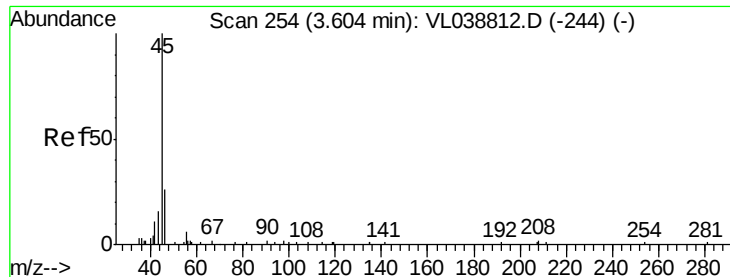
Tot Ion:101 Resp: 34096
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.4 77.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.041 ppbv
 RT: 4.51 min Scan# 536
 Delta R.T. 0.03 min
 Lab File: VL038848.D
 Acq: 7 Apr 2022 19:33

Tgt Ion:101 Resp: 4330
 Ion Ratio Lower Upper
 101 100
 151 139.4 59.9 89.9#





#13

Ethanol

Concen: 59.192 ppbv

RT: 3.62 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: 1160-1-1A-3

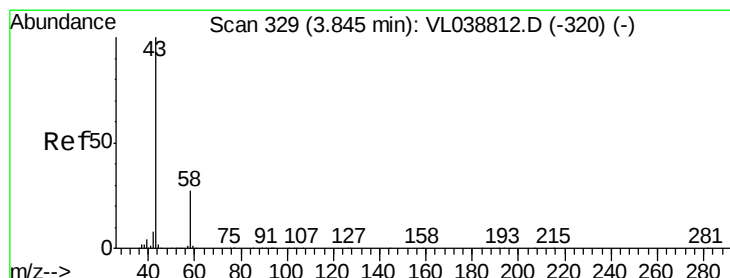
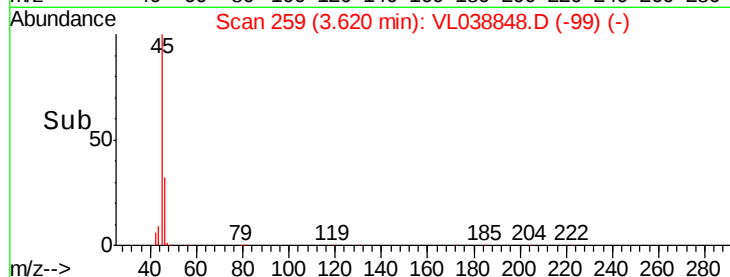
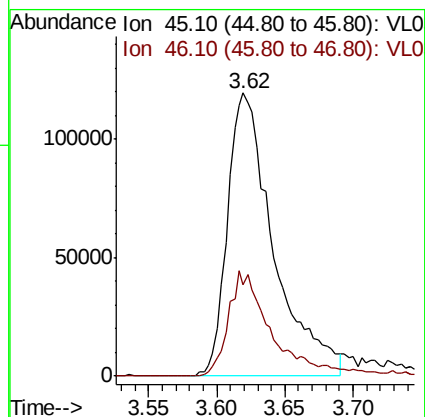
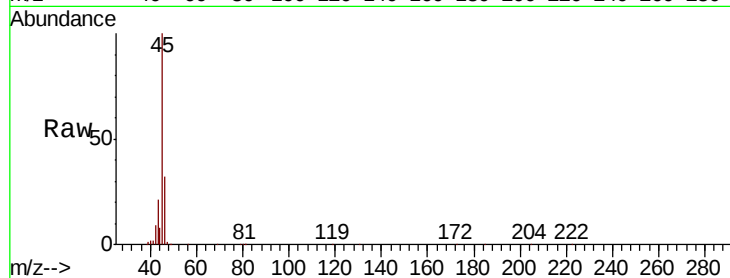
Acq: 7 Apr 2022 19:33

Tot Ion: 45 Resp: 280260

Ion Ratio Lower Upper

45 100

46 36.2 0.0 0.0#



#15

Acetone

Concen: 20.284 ppbv

RT: 3.87 min Scan# 336

Delta R.T. 0.02 min

Lab File: VL038848.D

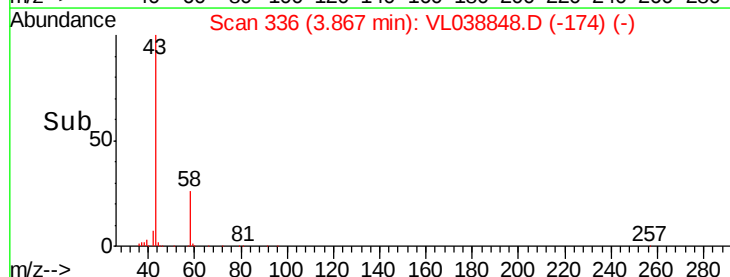
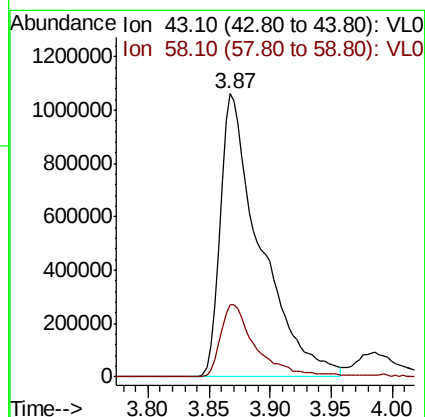
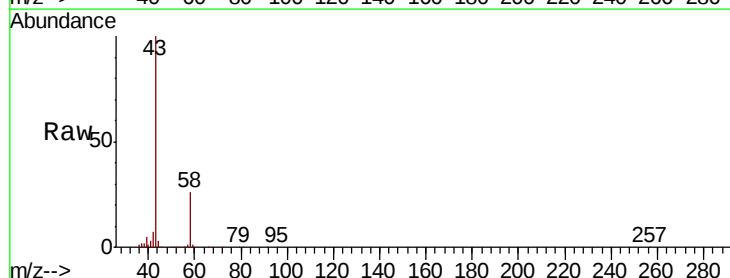
Acq: 7 Apr 2022 19:33

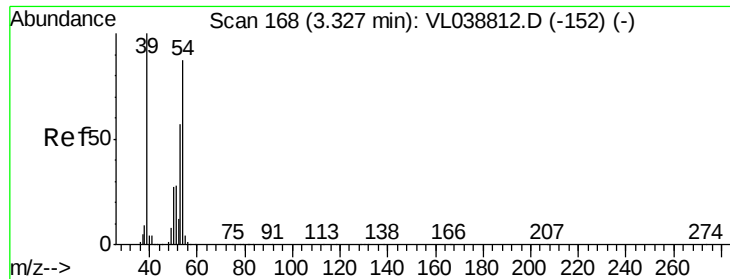
Tgt Ion: 43 Resp: 2436778

Ion Ratio Lower Upper

43 100

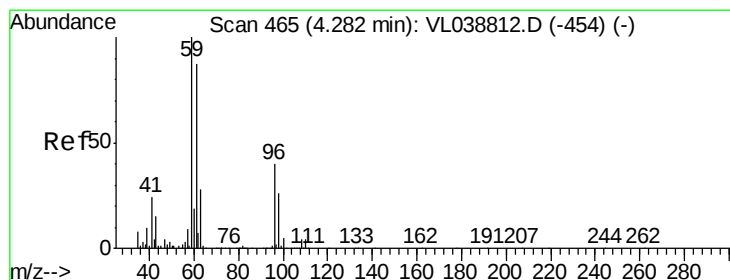
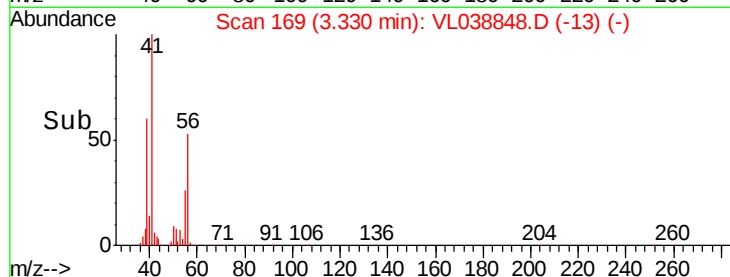
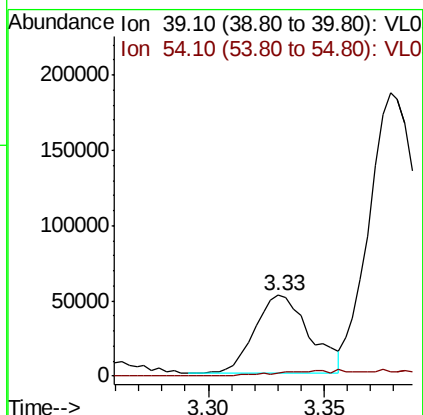
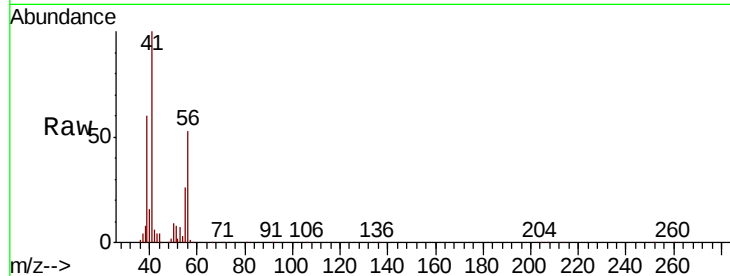
58 24.1 22.5 33.7





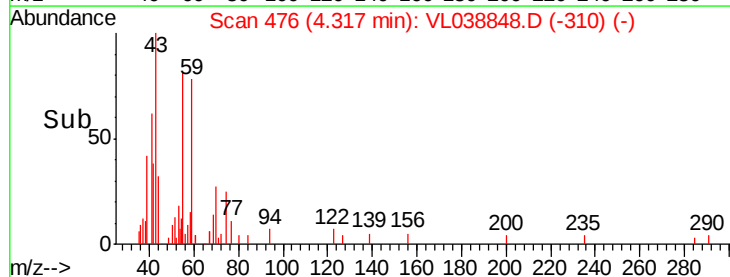
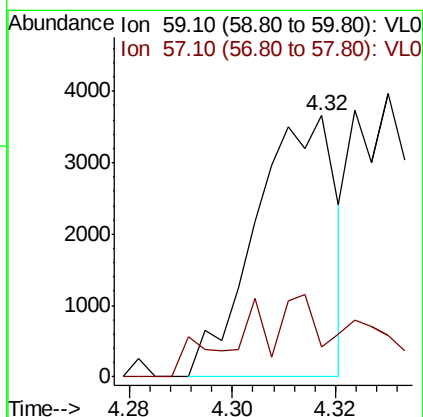
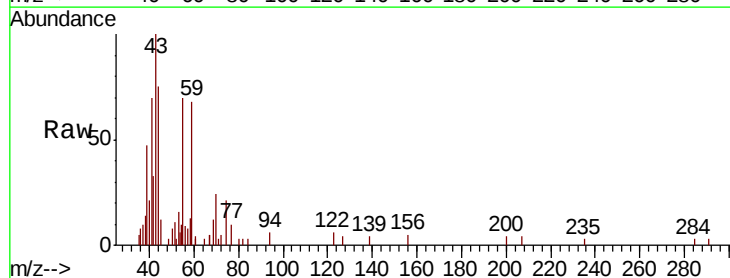
#16
1,3-Butadiene
Concen: 1.246 ppbv
RT: 3.33
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Apr 2022 19:33

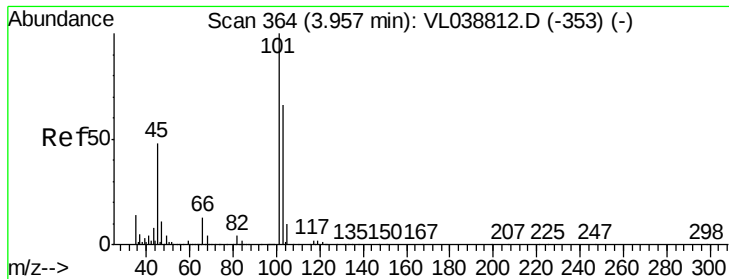
Tot Ion: 39 Resp: 85545
Ion Ratio Lower Upper
39 100
54 6.8 64.8 97.2#



#17
tert-Butyl alcohol
Concen: 0.036 ppbv
RT: 4.32 min Scan# 476
Delta R.T. 0.04 min
Lab File: VL038848.D
Acq: 7 Apr 2022 19:33

Tgt Ion: 59 Resp: 3922
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#





#19

Isopropyl Alcohol

Concen: 11.076 ppbv

RT: 3.99 Instrument: MSVOA_1

Delta R.T. 0.03 min

Lab File: ClientSampleId: 1160-1-1A-3

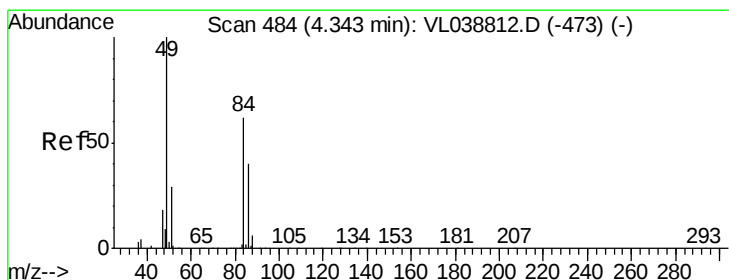
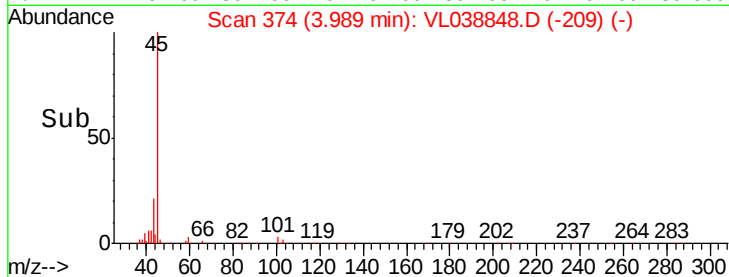
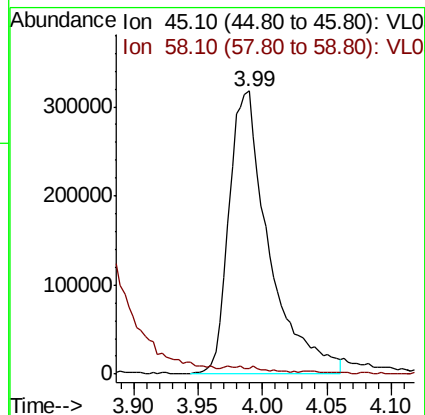
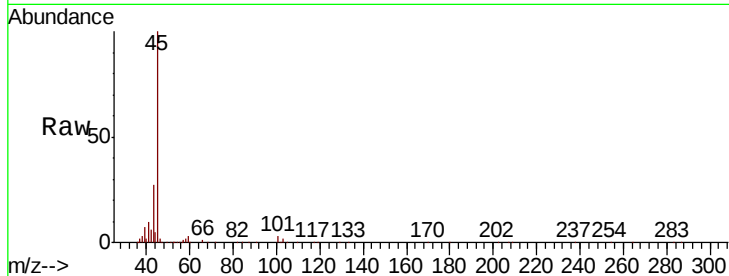
Acq: 7 Apr 2022 19:33

Tot Ion: 45 Resp: 680051

Ion Ratio Lower Upper

45 100

58 85.9 0.0 0.0#



#20

Methylene Chloride

Concen: 2.073 ppbv

RT: 4.37 min Scan# 493

Delta R.T. 0.03 min

Lab File: VL038848.D

Acq: 7 Apr 2022 19:33

Tgt Ion: 84 Resp: 90337

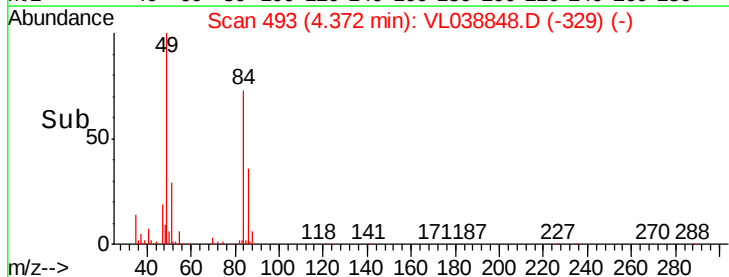
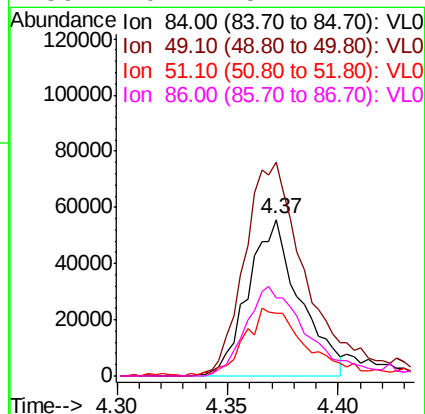
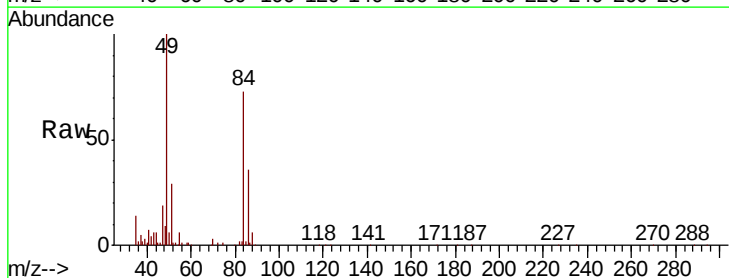
Ion Ratio Lower Upper

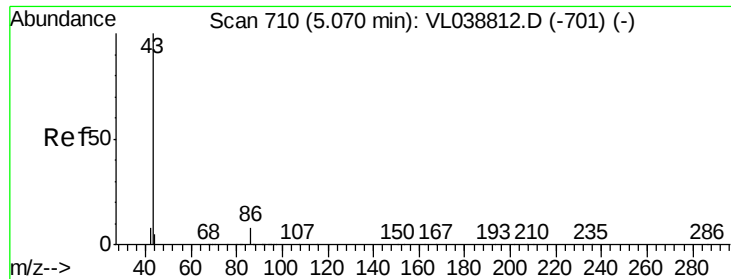
84 100

49 136.4 129.4 194.0

51 38.3 37.4 56.2

86 49.7 51.4 77.2#





#23

Vinyl Acetate

Concen: 0.380 ppbv

RT: 5.08 Instrument: MSVOA_1

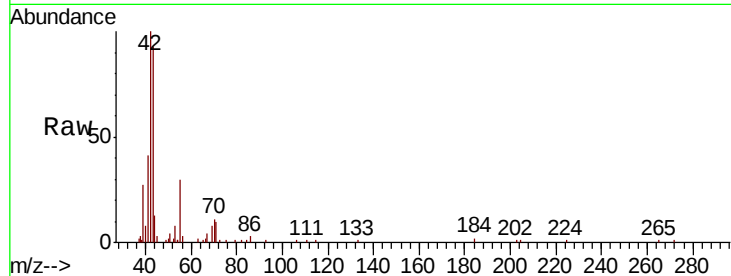
Delta R.T.

Lab File: ClientSampleId:

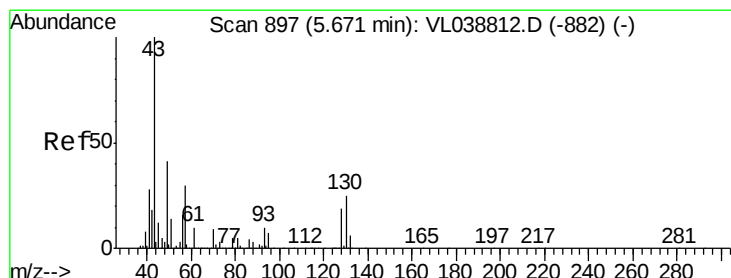
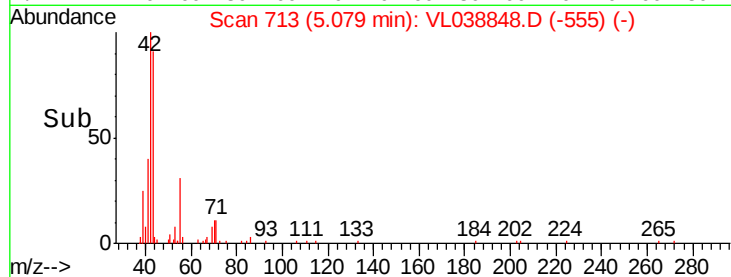
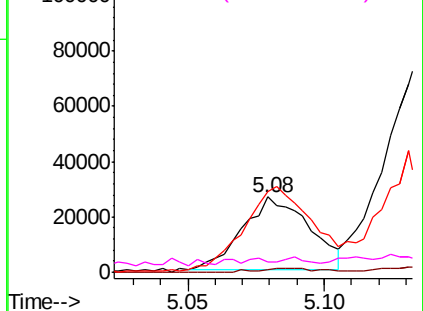
Acq: 7 Apr 2022 19:33

Tot Ion: 43 Resp: 44473

Ion	Ratio	Lower	Upper
43	100		
86	3.5	5.8	8.6#
42	106.9	7.8	11.6#
44	4.5	3.6	5.4



Abundance Ion 43.10 (42.80 to 43.80): VL0
 120000 Ion 86.10 (85.80 to 86.80): VL0
 100000 Ion 42.10 (41.80 to 42.80): VL0
 80000 Ion 44.10 (43.80 to 44.80): VL0



#25

Ethyl Acetate

Concen: 4.397 ppbv

RT: 5.70 min Scan# 905

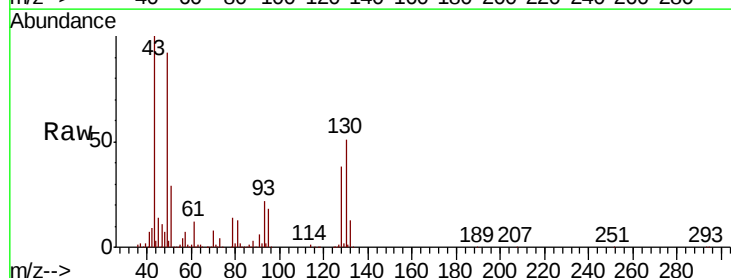
Delta R.T. 0.03 min

Lab File: VL038848.D

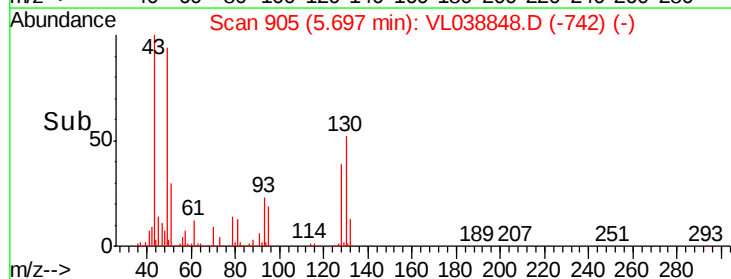
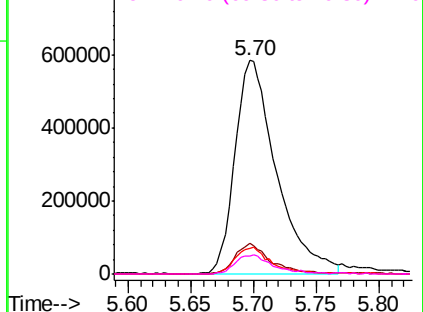
Acq: 7 Apr 2022 19:33

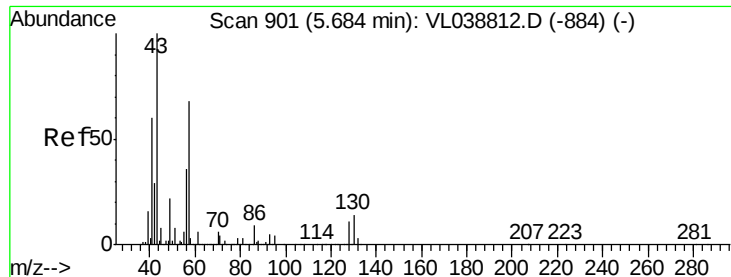
Tgt Ion: 43 Resp: 1340208

Ion	Ratio	Lower	Upper
43	100		
45	12.6	8.4	12.6#
61	10.9	7.9	11.9
70	8.7	5.6	8.4#



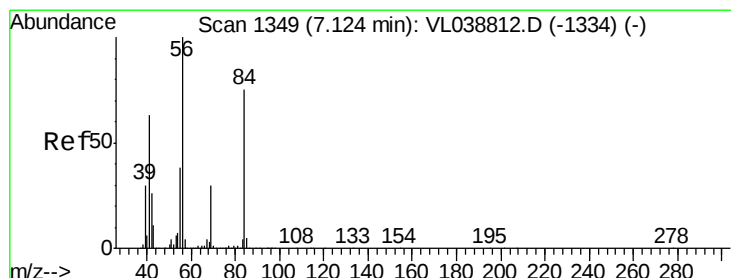
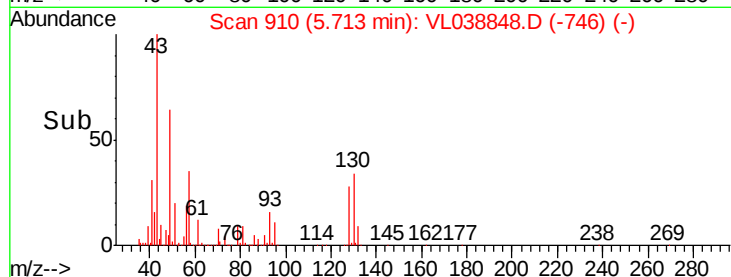
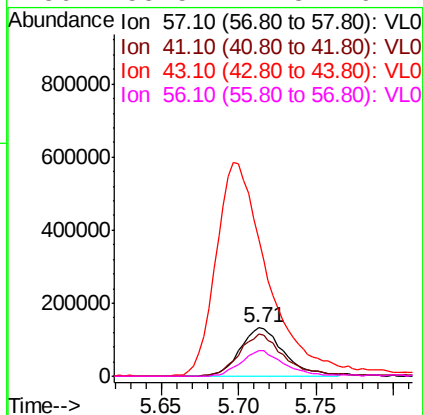
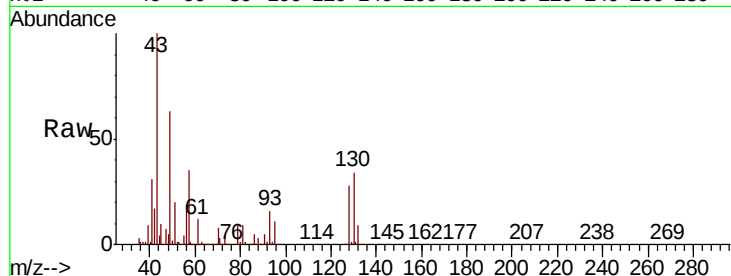
Abundance Ion 43.10 (42.80 to 43.80): VL0
 800000 Ion 45.10 (44.80 to 45.80): VL0
 600000 Ion 61.10 (60.80 to 61.80): VL0
 400000 Ion 70.10 (69.80 to 70.80): VL0





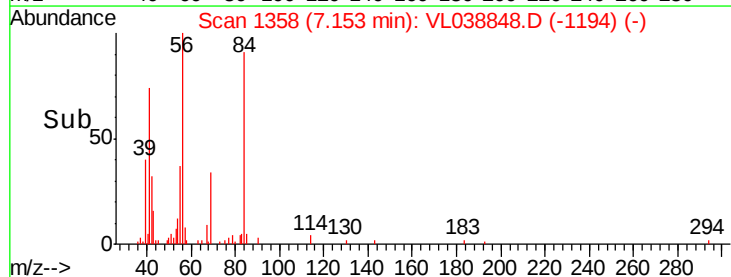
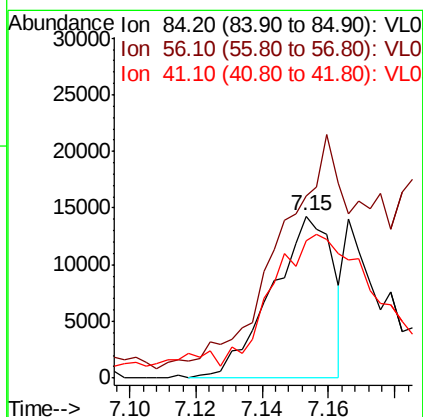
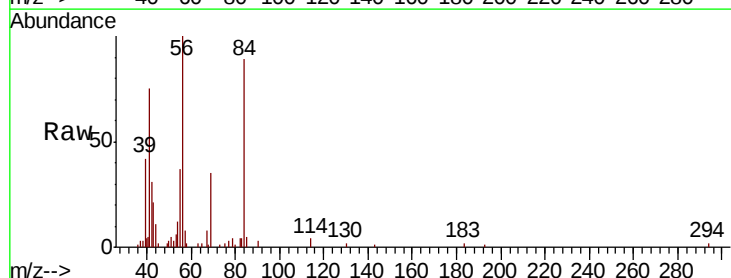
#26
Hexane
Concen: 1.879 ppbv
RT: 5.71 min
Delta R.T.: 0.03 min
Lab File: VL038812.D
Acq: 7 Apr 2022 19:33

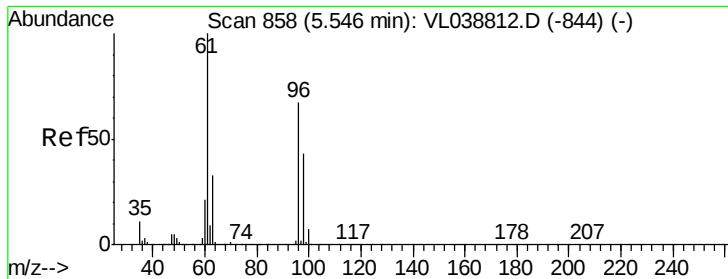
Tot Ion:	57	Resp:	260663
Ion	Ratio	Lower	Upper
57	100		
41	91.0	72.0	108.0
43	536.7	186.6	280.0#
56	55.5	42.8	64.2



#30
Cyclohexane
Concen: 0.149 ppbv
RT: 7.15 min Scan# 1358
Delta R.T.: 0.03 min
Lab File: VL038848.D
Acq: 7 Apr 2022 19:33

Tgt Ion:	84	Resp:	18249
Ion	Ratio	Lower	Upper
84	100		
56	201.9	114.4	171.6#
41	177.2	69.0	103.4#





#31

cis-1,2-Dichloroethene

Concen: 1.115 ppbv

RT: 5.70 Instrument:

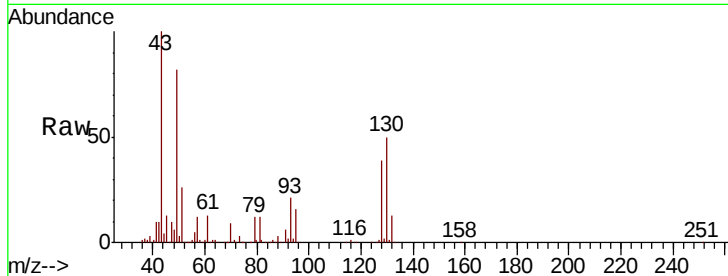
Delta R.T. MSVOA_1

Lab File: ClientSampleId:

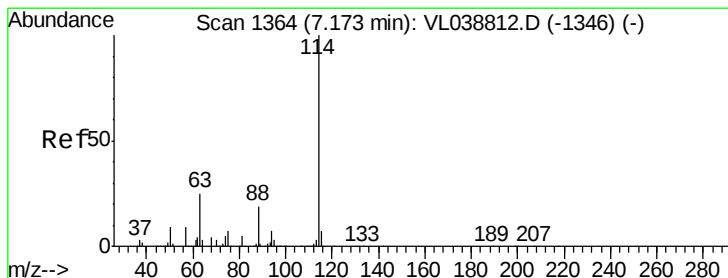
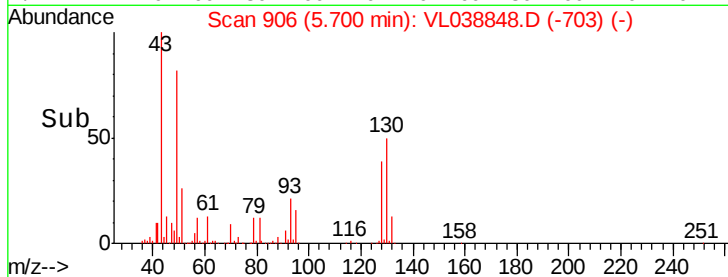
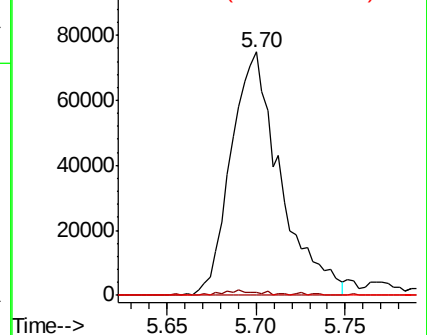
Acq: 7 Apr 2022 19:33

Tot Ion: 61 Resp: 142192

Ion	Ratio	Lower	Upper
61	100		
96	1.1	53.4	80.0#
98	0.0	34.2	51.4#



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: 10.000 ppbv

RT: 7.20 min Scan# 1374

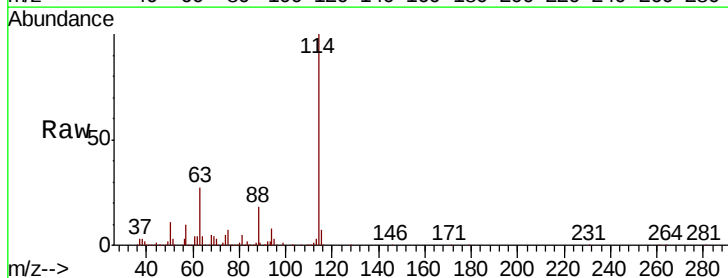
Delta R.T. 0.03 min

Lab File: VL038848.D

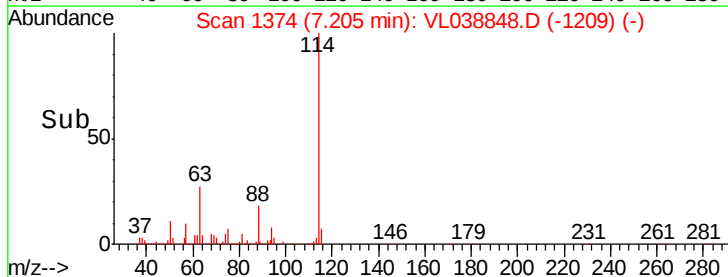
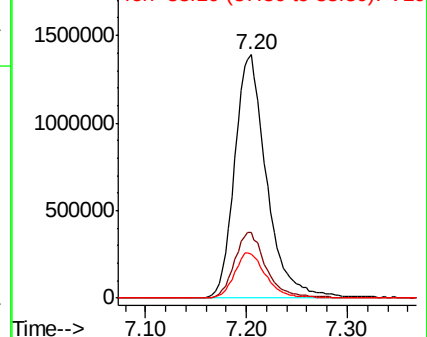
Acq: 7 Apr 2022 19:33

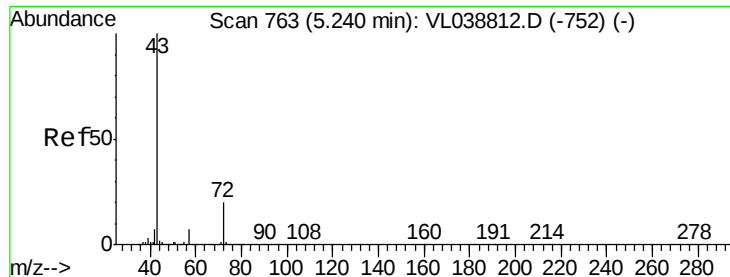
Tgt Ion: 114 Resp: 3065820

Ion	Ratio	Lower	Upper
114	100		
63	27.1	19.8	29.8
88	18.8	14.2	21.4



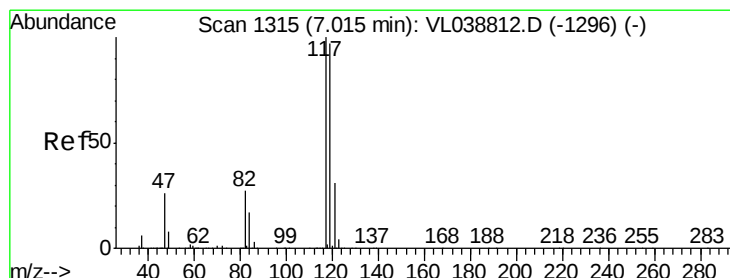
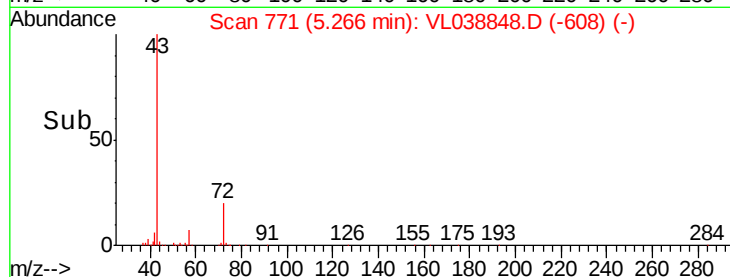
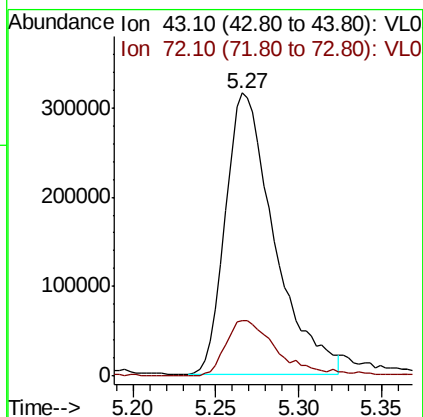
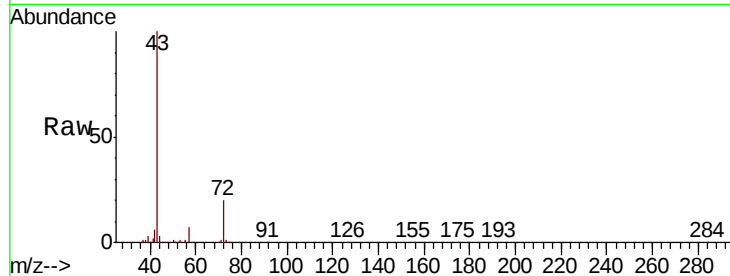
Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





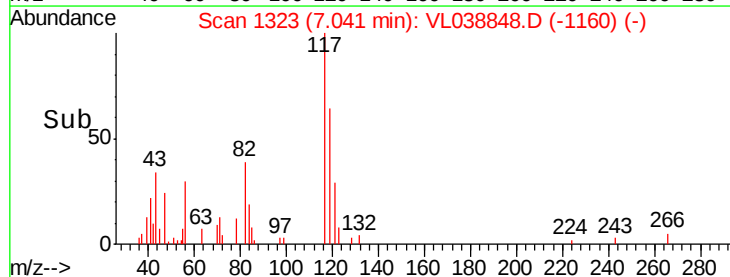
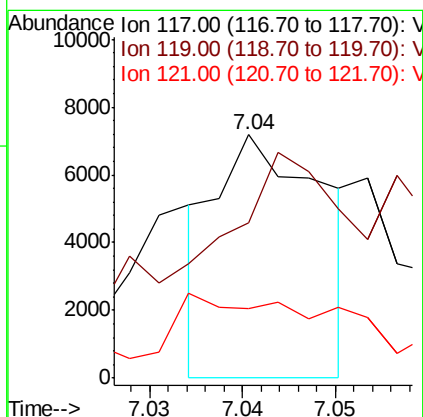
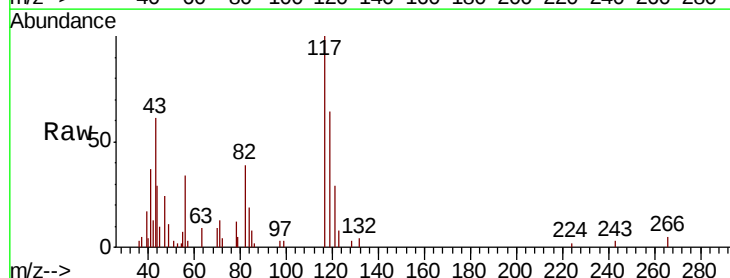
#34
2-Butanone
Concen: 5.310 ppbv
RT: 5.27
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Apr 2022 19:33

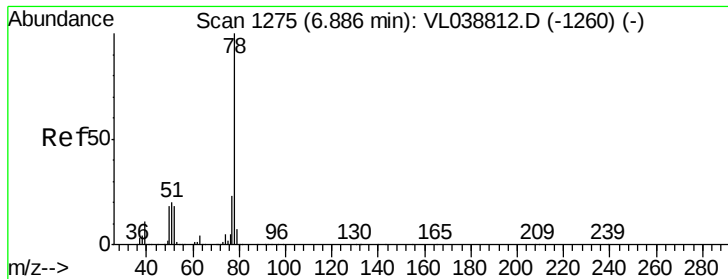
Tot Ion: 43 Resp: 643300
Ion Ratio Lower Upper
43 100
72 22.5 16.9 25.3



#35
Carbon Tetrachloride
Concen: 0.031 ppbv
RT: 7.04 min Scan# 1323
Delta R.T. 0.03 min
Lab File: VL038848.D
Acq: 7 Apr 2022 19:33

Tgt Ion: 117 Resp: 5773
Ion Ratio Lower Upper
117 100
119 58.3 77.7 116.5#
121 0.0 24.5 36.7#

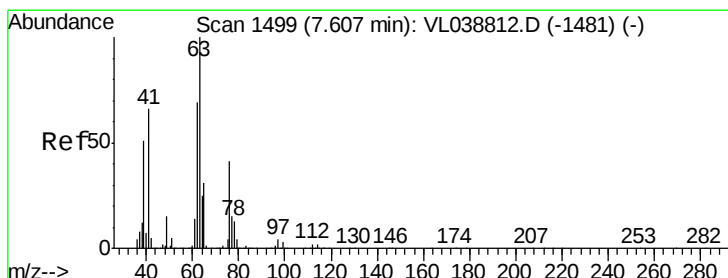
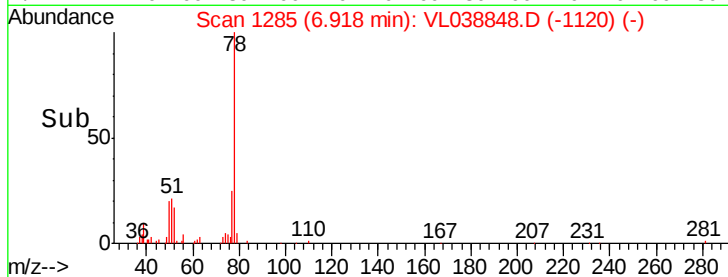
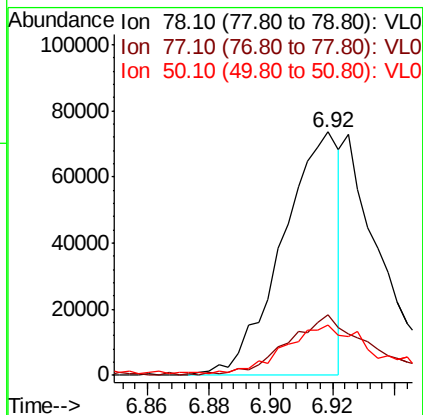
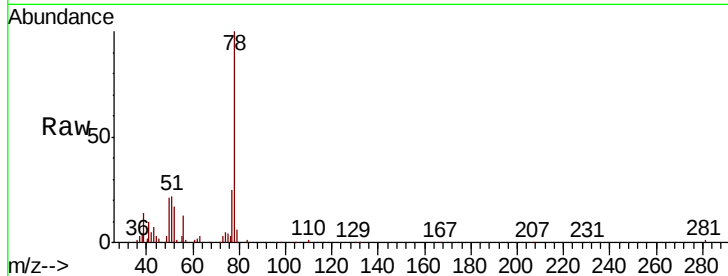




#36
Benzene
Concen: 0.336 ppbv
RT: 6.92
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Apr 2022 19:33

Tot Ion: 78 Resp: 93622

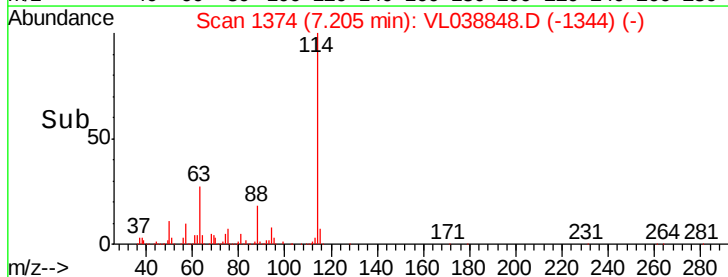
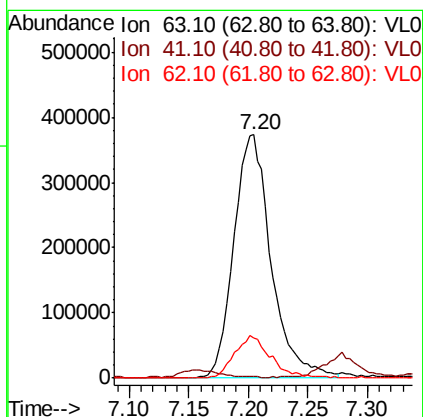
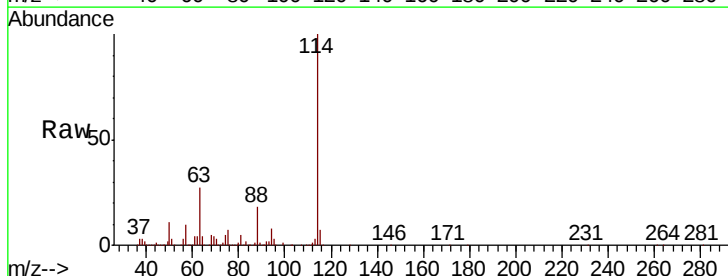
Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.2	27.2
50	19.6	14.0	21.0

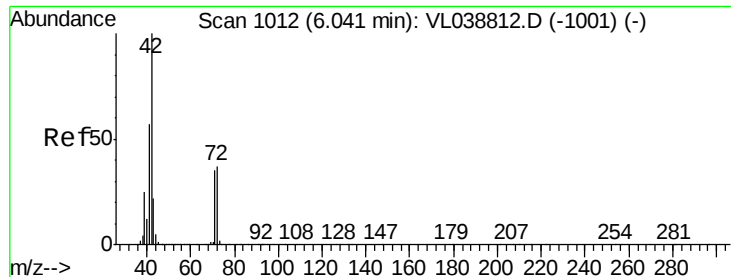


#39
1,2-Dichloropropane
Concen: 7.605 ppbv
RT: 7.20 min Scan# 1374
Delta R.T. -0.40 min
Lab File: VL038848.D
Acq: 7 Apr 2022 19:33

Tgt Ion: 63 Resp: 811246

Ion	Ratio	Lower	Upper
63	100		
41	0.0	53.0	79.6#
62	16.3	55.0	82.4#





#41

Tetrahydrofuran

Concen: 0.042 ppbv

RT: 6.06 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

1160-1-1A-3

Acq: 7 Apr 2022 19:33

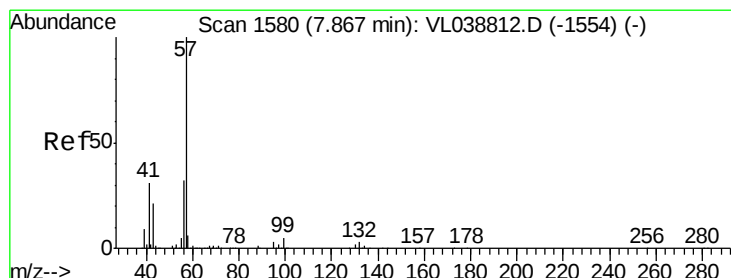
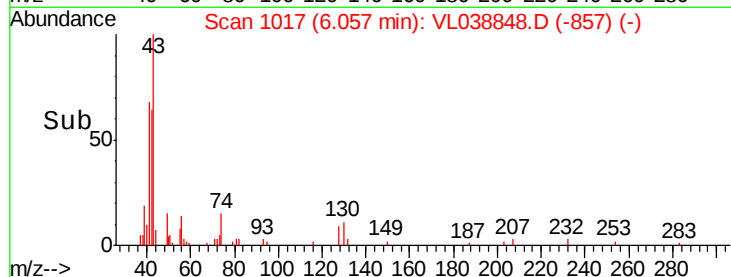
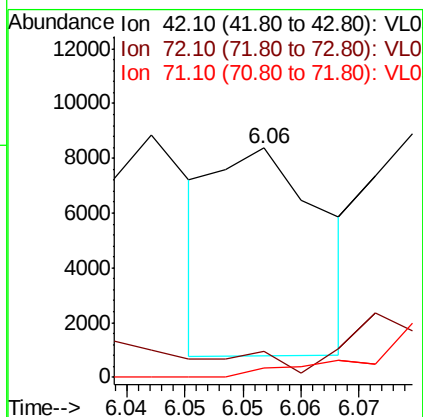
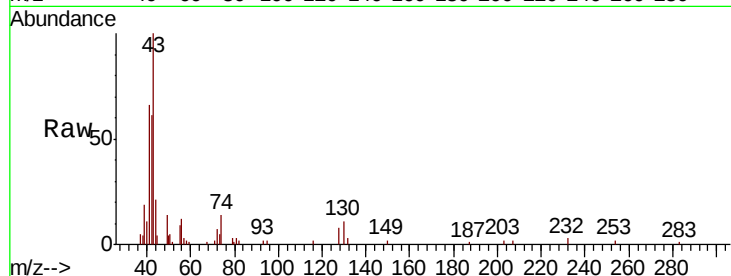
Tot Ion: 42 Resp: 4851

Ion Ratio Lower Upper

42 100

72 0.0 31.4 47.0#

71 0.0 30.2 45.4#



#44

2,2,4-Trimethylpentane

Concen: 0.486 ppbv

RT: 7.90 min Scan# 1589

Delta R.T. 0.03 min

Lab File: VL038848.D

Acq: 7 Apr 2022 19:33

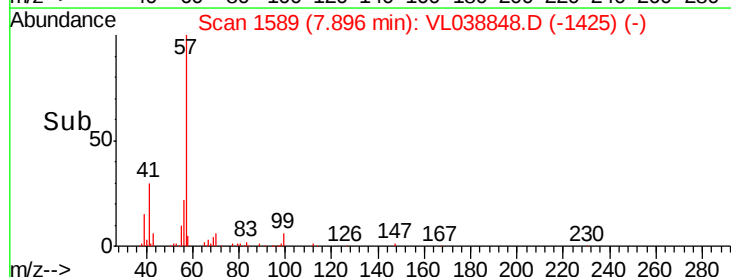
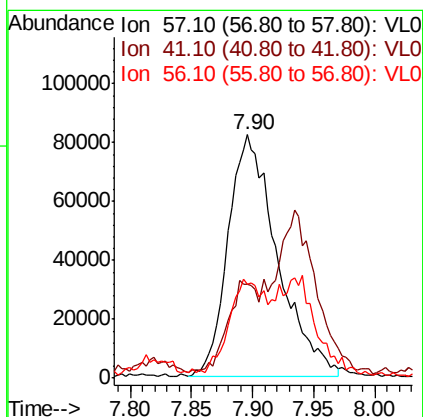
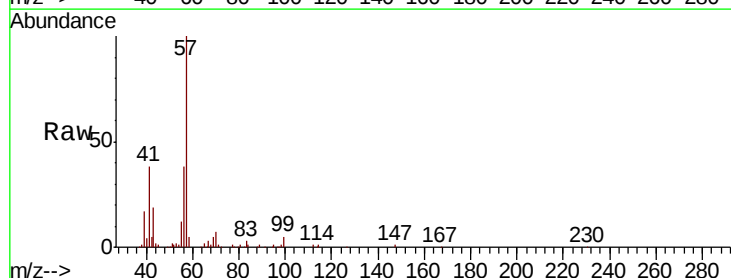
Tgt Ion: 57 Resp: 229279

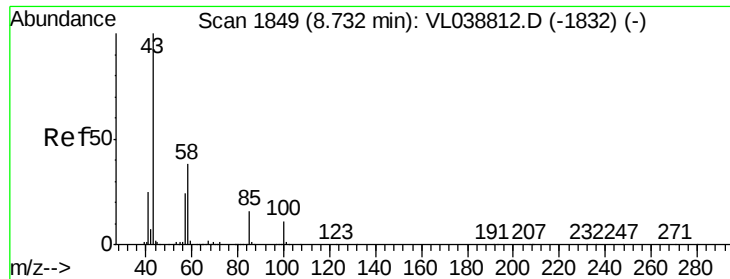
Ion Ratio Lower Upper

57 100

41 0.0 25.0 37.4#

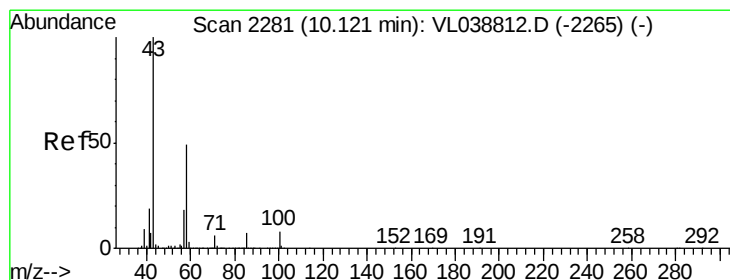
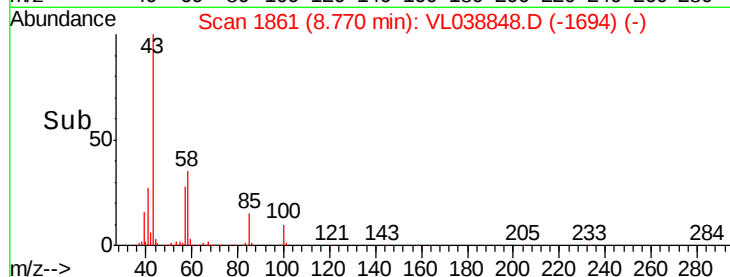
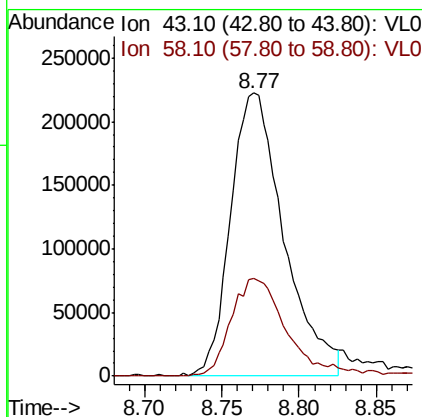
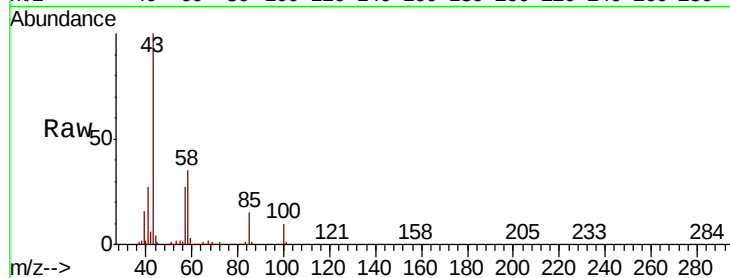
56 30.0 25.3 37.9





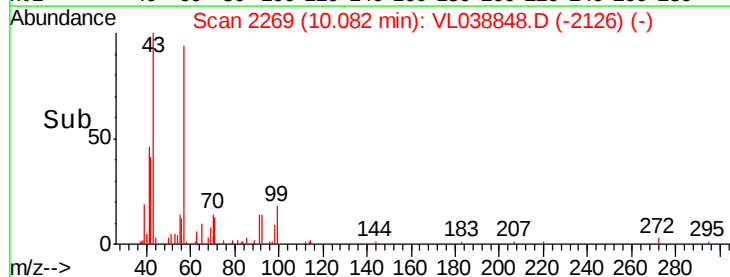
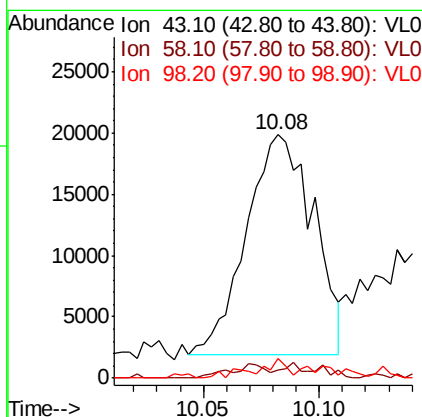
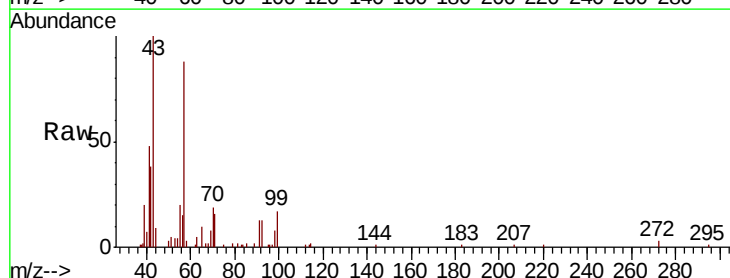
#50
4-Methyl-2-Pentanone
Concen: 1.941 ppbv
RT: 8.77
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Apr 2022 19:33

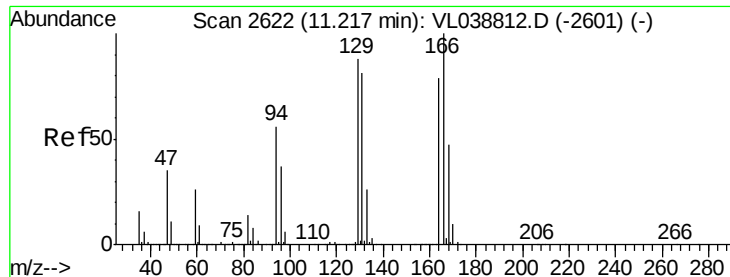
Tot Ion: 43 Resp: 528945
Ion Ratio Lower Upper
43 100
58 38.0 29.0 43.6



#51
2-Hexanone
Concen: 0.176 ppbv
RT: 10.08 min Scan# 2269
Delta R.T. -0.04 min
Lab File: VL038848.D
Acq: 7 Apr 2022 19:33

Tgt Ion: 43 Resp: 36217
Ion Ratio Lower Upper
43 100
58 4.1 41.4 62.0#
98 6.7 0.1 0.1#





#52

Tetrachloroethene

Concen: 0.053 ppbv

RT: 11.24

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Apr 2022 19:33

Tot Ion:164 Resp: 5172

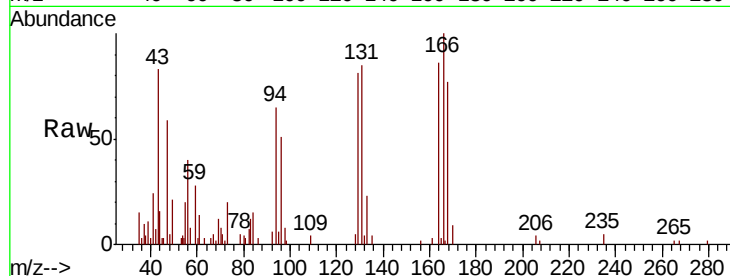
Ion Ratio Lower Upper

164 100

166 114.1 101.0 151.6

129 89.7 88.7 133.1

131 98.8 81.8 122.6

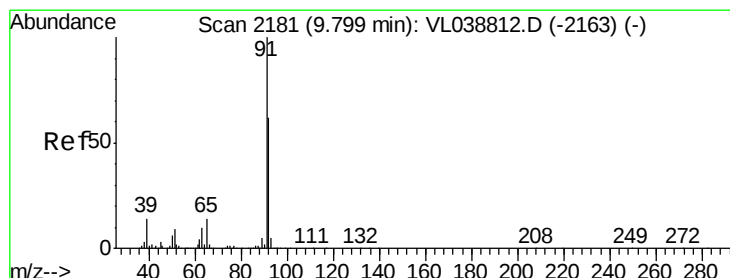
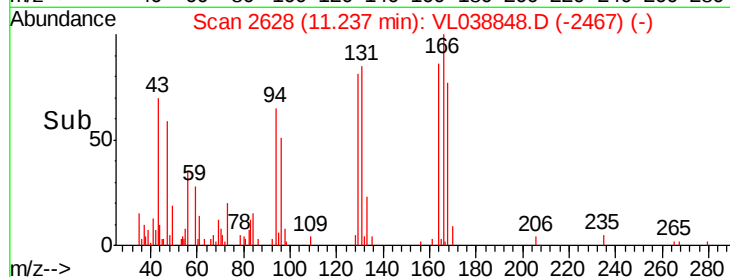
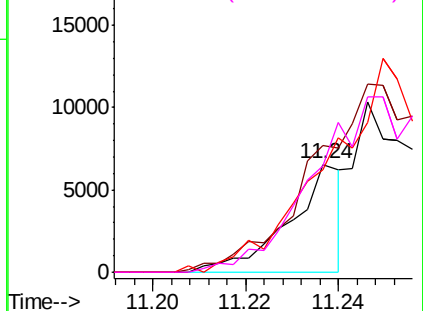


Abundance Ion 163.90 (163.60 to 164.60): V

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: 9.967 ppbv

RT: 9.83 min Scan# 2192

Delta R.T. 0.04 min

Lab File: VL038848.D

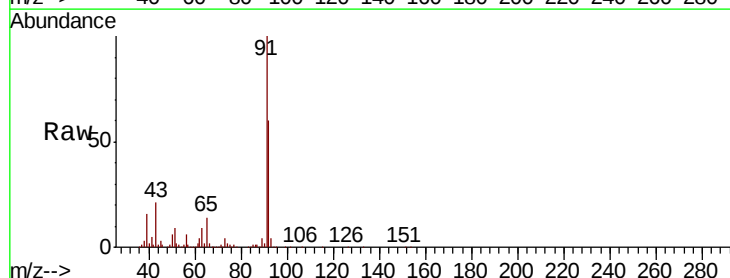
Acq: 7 Apr 2022 19:33

Tgt Ion: 91 Resp: 3208858

Ion Ratio Lower Upper

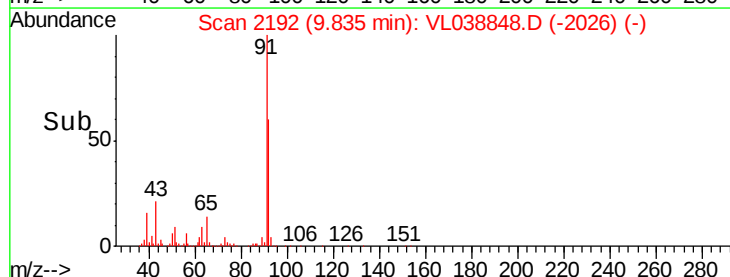
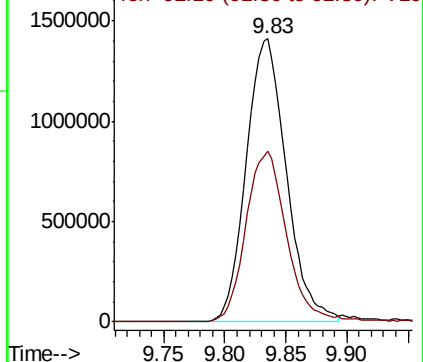
91 100

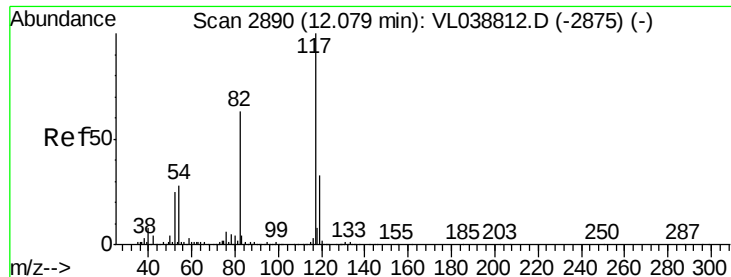
92 62.2 49.2 73.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

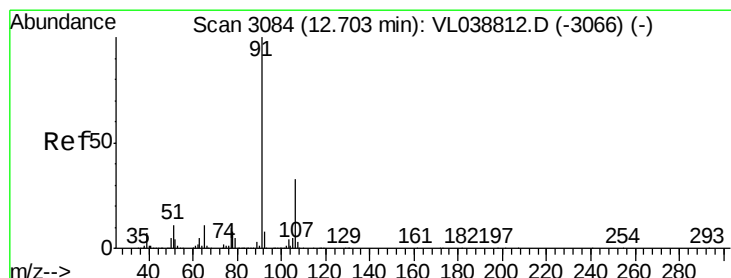
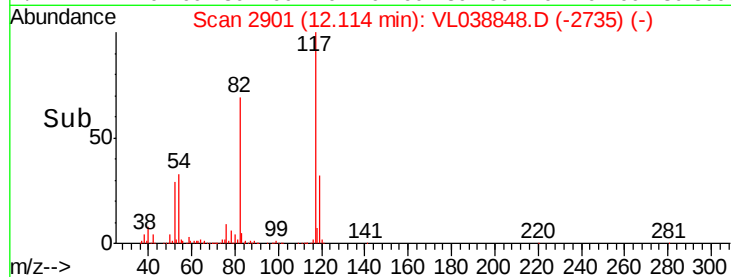
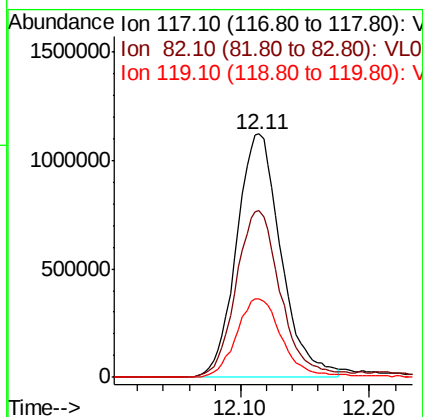
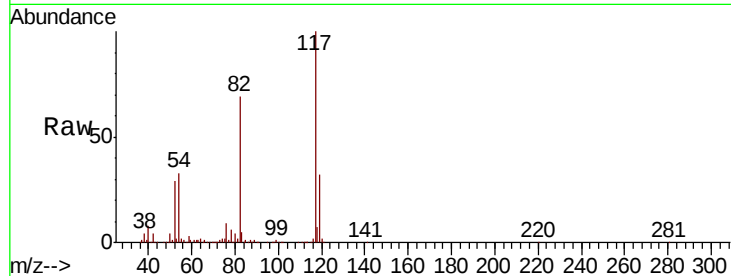
Ion 92.10 (91.80 to 92.80): VL0





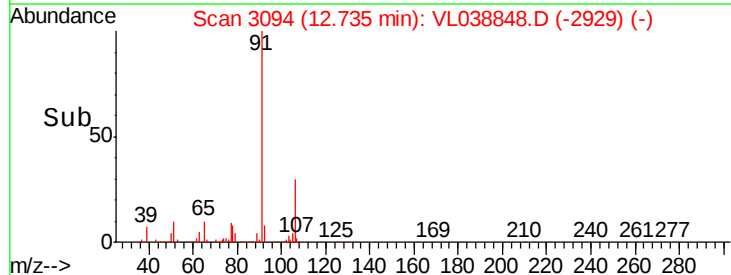
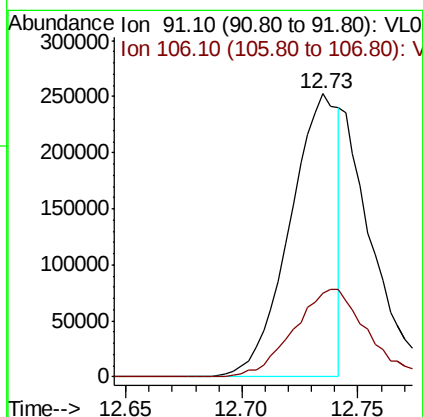
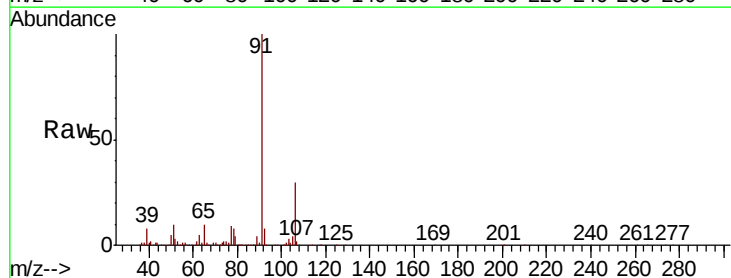
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Apr 2022 19:33

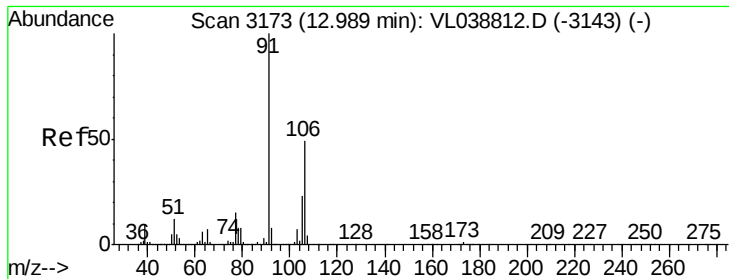
Tot Ion: 117 Resp: 2678384
Ion Ratio Lower Upper
117 100
82 73.0 53.0 79.6
119 34.3 24.9 37.3



#58
Ethyl Benzene
Concen: 0.915 ppbv
RT: 12.73 min Scan# 3094
Delta R.T.: 0.03 min
Lab File: VL038848.D
Acq: 7 Apr 2022 19:33

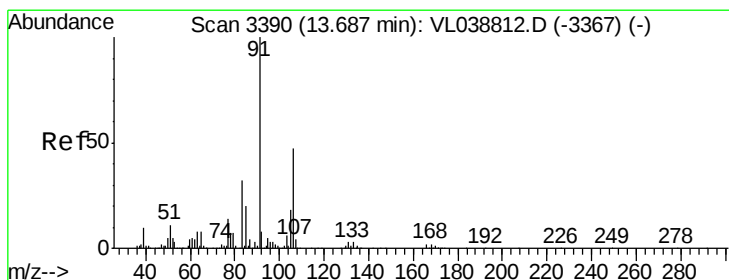
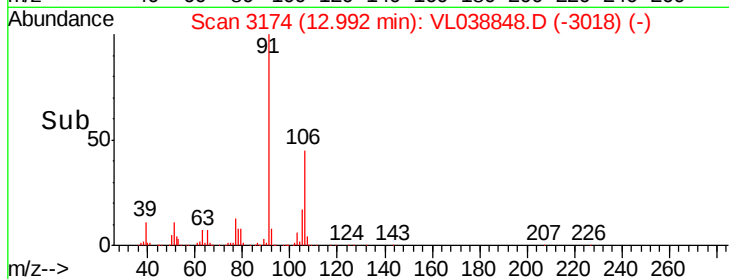
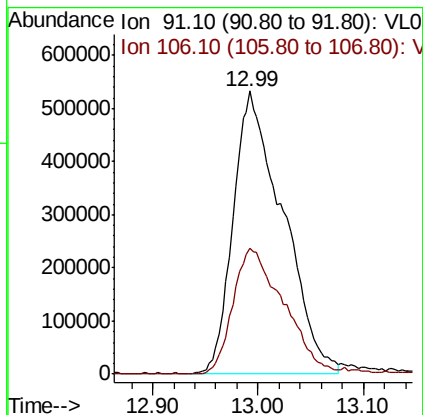
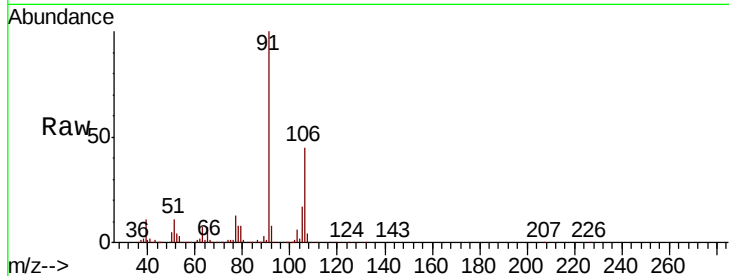
Tgt Ion: 91 Resp: 366081
Ion Ratio Lower Upper
91 100
106 29.6 26.7 40.1





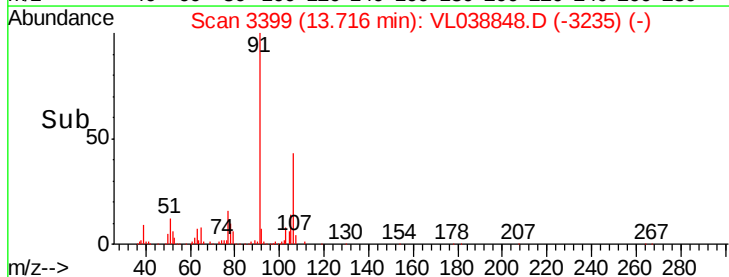
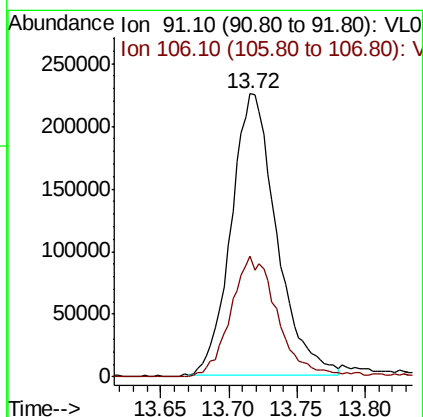
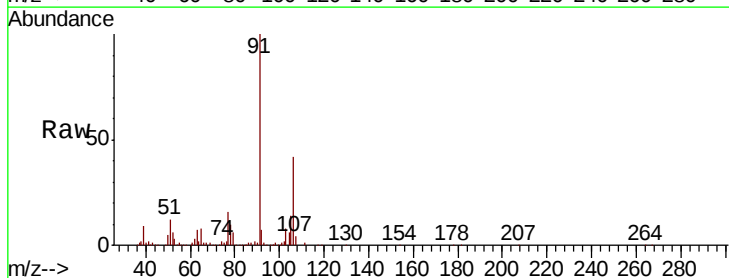
#59
m/p-Xylene
Concen: 5.135 ppbv
RT: 12.99 min
Delta R.T.: 0.03 min
Lab File: VL038812.D
Acq: 7 Apr 2022 19:33

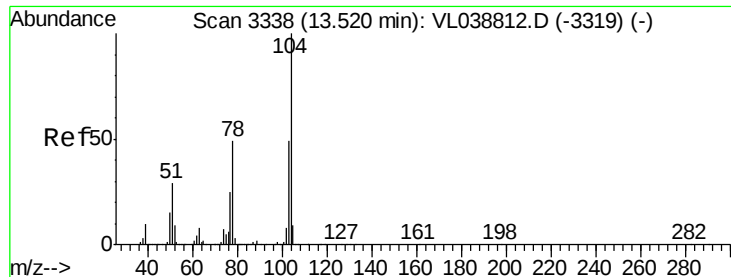
Tot Ion: 91 Resp: 1726555
Ion Ratio Lower Upper
91 100
106 47.3 37.1 55.7



#60
o-Xylene
Concen: 1.650 ppbv
RT: 13.72 min Scan# 3399
Delta R.T.: 0.03 min
Lab File: VL038848.D
Acq: 7 Apr 2022 19:33

Tgt Ion: 91 Resp: 519210
Ion Ratio Lower Upper
91 100
106 45.6 23.8 71.4

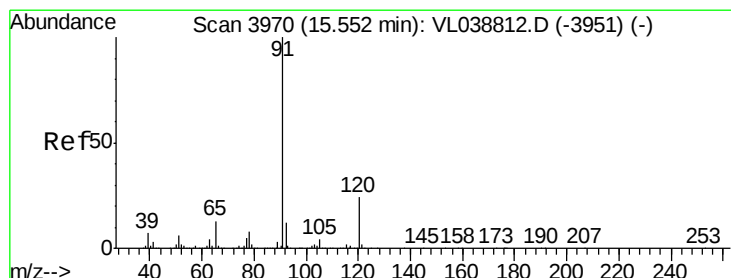
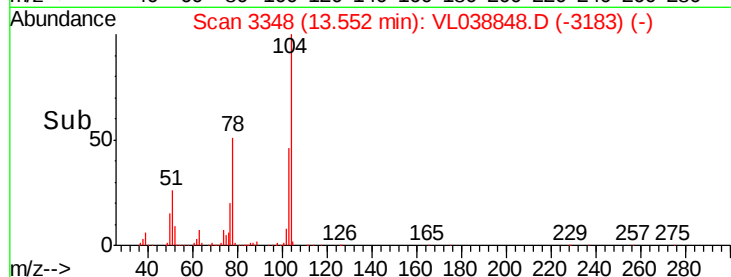
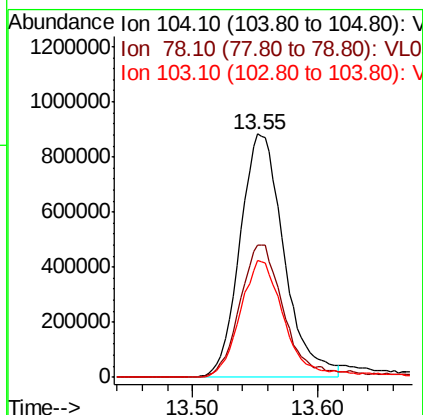
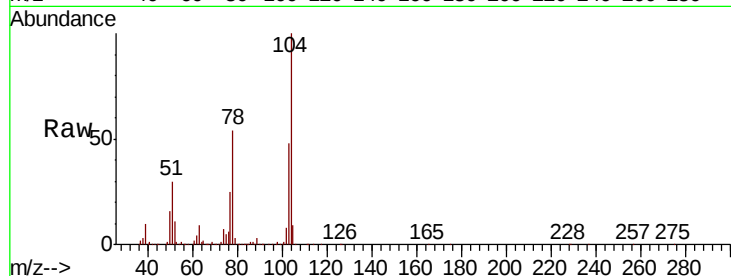




#61
Stvrene
Concen: 11.247 ppbv
RT: 13.55 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Apr 2022 19:33

Tot Ion:104 Resp: 2155861

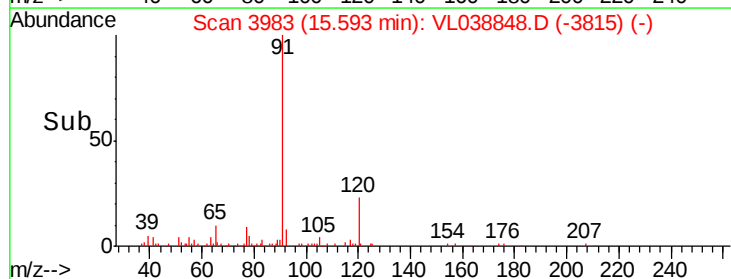
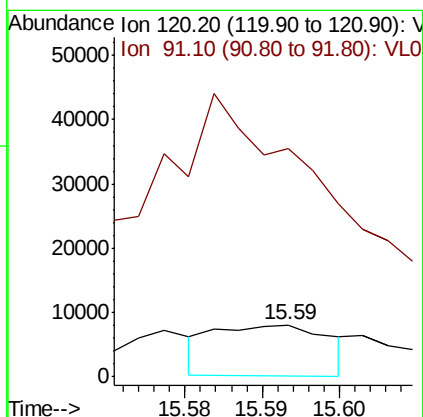
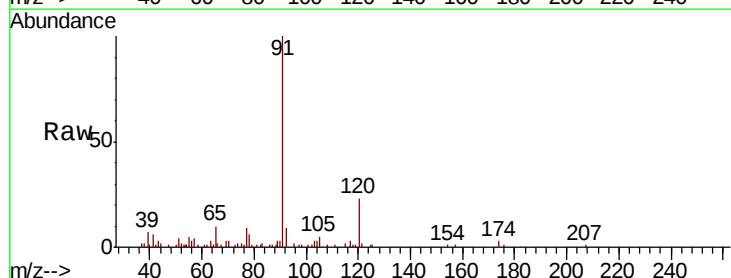
Ion	Ratio	Lower	Upper
104	100		
78	56.6	40.5	60.7
103	49.2	39.0	58.4

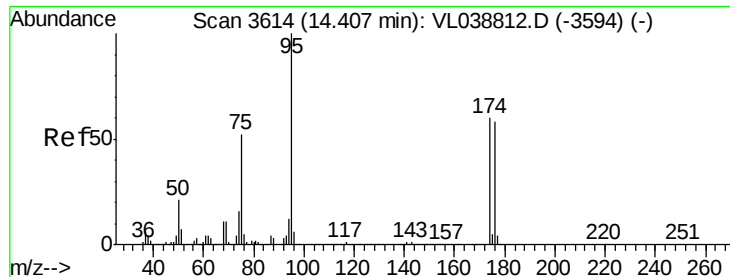


#64
n-propylbenzene
Concen: 0.067 ppbv
RT: 15.59 min Scan# 3983
Delta R.T. 0.04 min
Lab File: VL038848.D
Acq: 7 Apr 2022 19:33

Tgt Ion:120 Resp: 8158

Ion	Ratio	Lower	Upper
120	100		
91	0.0	360.6	540.8#

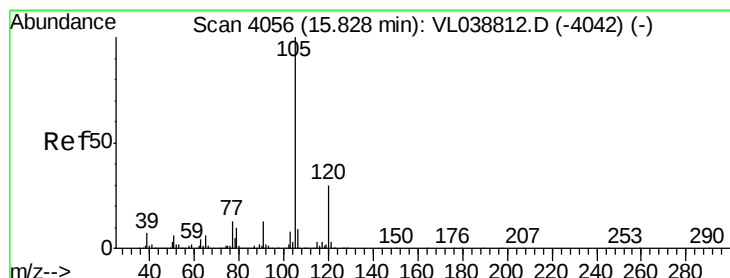
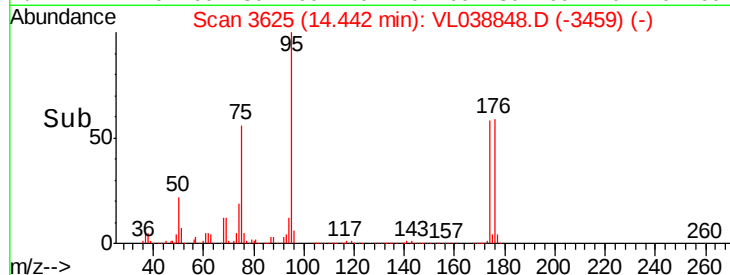
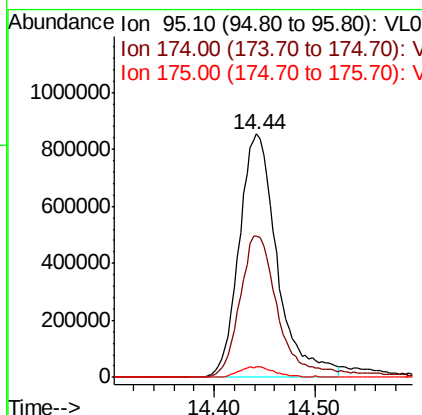
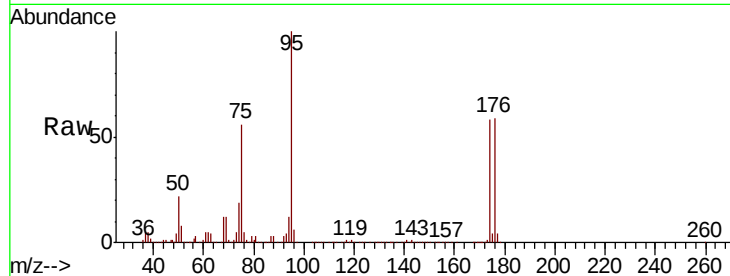




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.974 ppbv
 RT: 14.44 min
 Delta R.T. 0.04 min
 Lab File: VL038812.D
 Acq: 7 Apr 2022 19:33

Tot Ion: 95 Resp: 2229463

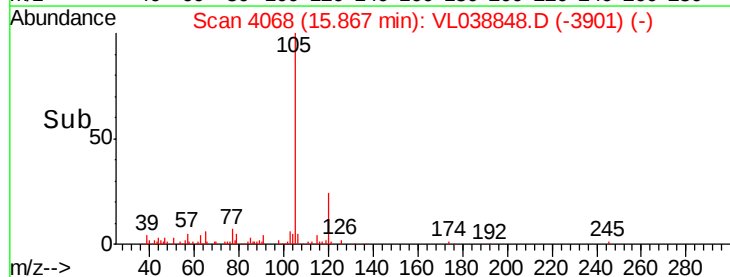
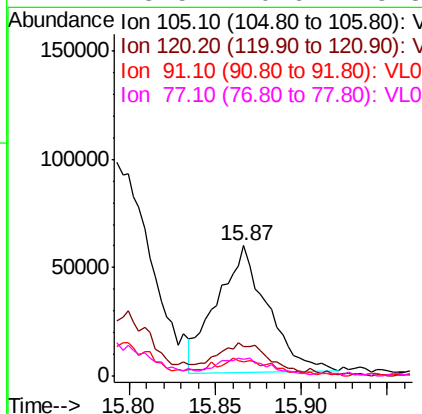
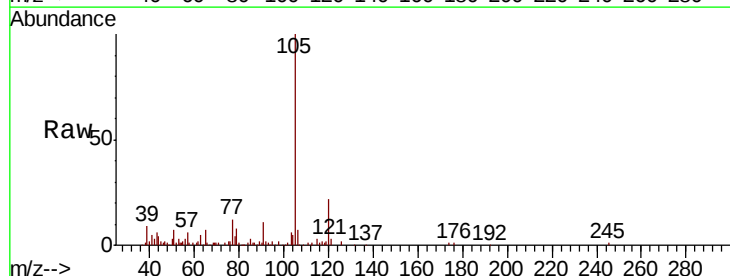
Ion	Ratio	Lower	Upper
95	100		
174	61.7	52.0	78.0
175	4.3	4.0	6.0

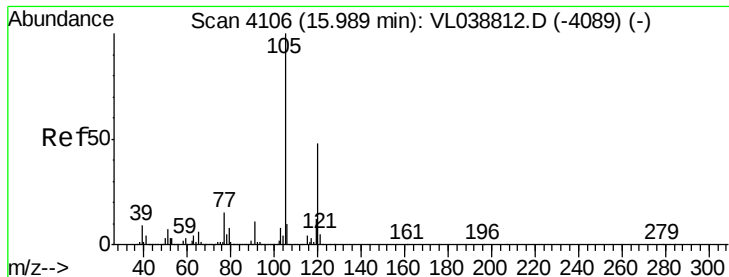


#72
 4-Ethyltoluene
 Concen: 0.319 ppbv
 RT: 15.87 min Scan# 4068
 Delta R.T. 0.04 min
 Lab File: VL038848.D
 Acq: 7 Apr 2022 19:33

Tgt Ion: 105 Resp: 119946

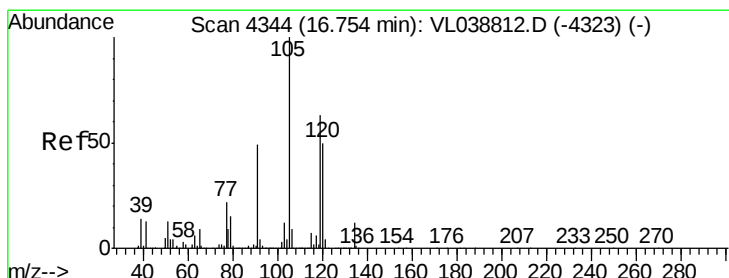
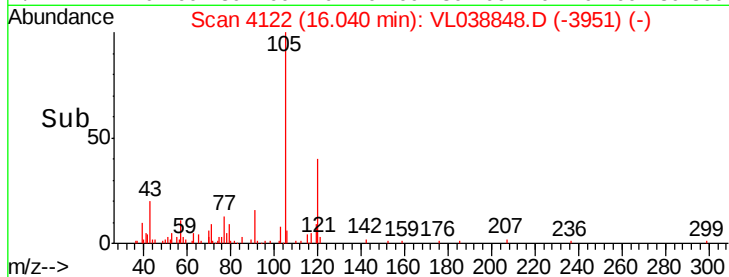
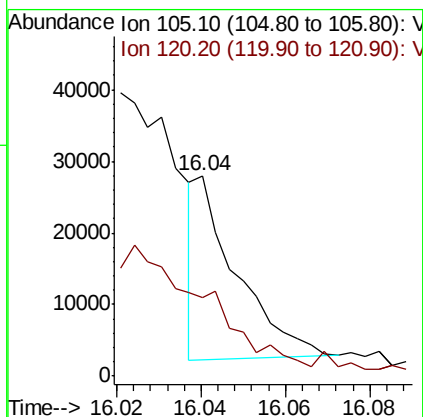
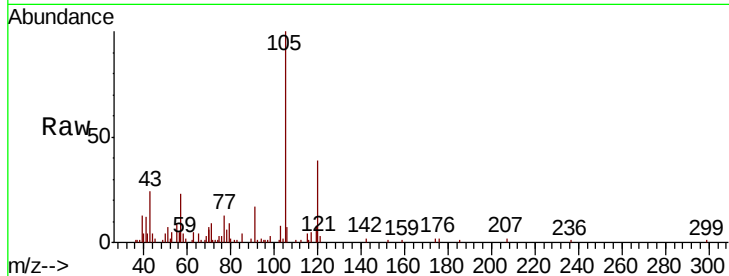
Ion	Ratio	Lower	Upper
105	100		
120	31.4	24.3	36.5
91	11.7	9.4	14.2
77	15.5	10.6	15.8





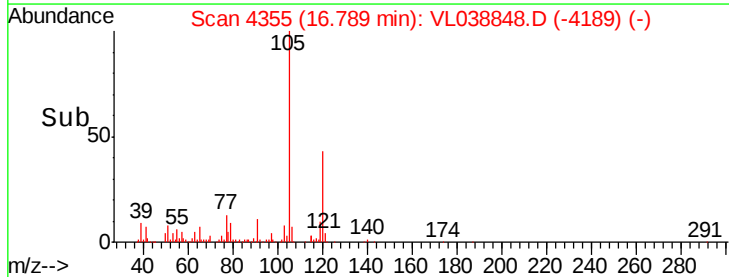
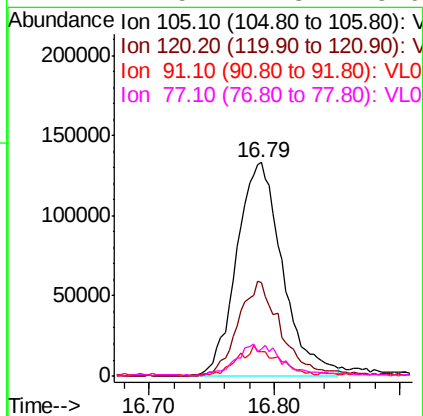
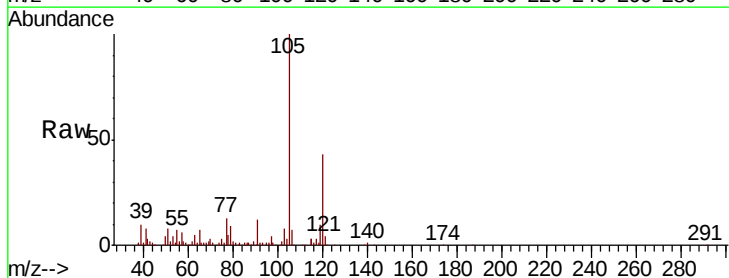
#73
 1,3,5-Trimethylbenzene
 Concen: 0.050 ppbv
 RT: 16.04 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : 1160-1-1A-3
 Acq: 7 Apr 2022 19:33

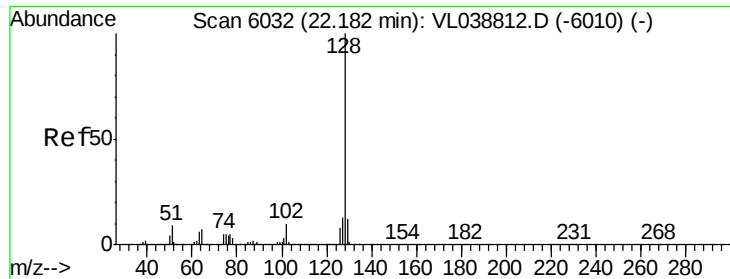
Tot Ion:105 Resp: 16998
 Ion Ratio Lower Upper
 105 100
 120 38.4 38.7 58.1#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.947 ppbv
 RT: 16.79 min Scan# 4355
 Delta R.T. 0.04 min
 Lab File: VL038848.D
 Acq: 7 Apr 2022 19:33

Tgt Ion:105 Resp: 338010
 Ion Ratio Lower Upper
 105 100
 120 43.5 39.8 59.8
 91 11.7 39.4 59.0#
 77 12.5 17.3 25.9#





#79

Naphthalene

Concen: 0.039 ppbv

RT: 22.24 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Apr 2022 19:33

Tot Ion:128 Resp: 10328

Ion Ratio Lower Upper

128 100

127 16.0 10.6 15.8#

129 3.3 9.4 14.0#

