

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041922\
 Data File : VL038951.D
 Acq On : 19 Apr 2022 15:53
 Operator : SY/AP
 Sample : N2465-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SV-1

Quant Time: Apr 20 04:25:13 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	5.68	49	1106253	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.19	114	2794601	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.10	117	2436978	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2043341	11.05	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	58429	0.372	ppbv 97
3) Chlorodifluoromethane	2.98	51	3437896	25.464	ppbv # 63
4) Chloromethane	3.15	50	4514	0.065	ppbv 100
7) Chloroethane	3.57	64	1061	0.049	ppbv # 18
9) Propene	3.02	41	190095	2.661	ppbv 96
10) Heptane	8.13	43	85498	0.475	ppbv 94
11) Trichlorofluoromethane	3.97	101	30145	0.239	ppbv # 70
12) 1,1,2-Trichlorotrifluoroet	4.49	101	3718	0.038	ppbv # 1
13) Ethanol	3.61	45	844619	194.571	ppbv # 100
15) Acetone	3.85	43	10418184	94.593	ppbv 95
16) 1,3-Butadiene	3.32	39	173389	2.754	ppbv # 17
17) tert-Butyl alcohol	3.98	59	327641	3.317	ppbv 99
19) Isopropyl Alcohol	3.98	45	8835454	156.960	ppbv # 100
20) Methylene Chloride	4.36	84	570131	14.273	ppbv 93
21) Allyl Chloride	4.35	41	11307	0.137	ppbv # 20
23) Vinyl Acetate	5.08	43	2655322	24.756	ppbv 99
25) Ethyl Acetate	5.70	43	730499	2.614	ppbv # 83
26) Hexane	5.70	57	862299	6.779	ppbv # 28
27) Carbon Disulfide	4.56	76	48908	0.419	ppbv # 49
28) Methyl tert-Butyl Ether	5.04	73	17535	0.178	ppbv 96
29) Chloroform	5.76	83	2314811	13.006	ppbv 97
30) Cyclohexane	7.14	84	4061	0.036	ppbv # 1
34) 2-Butanone	5.25	43	1470859	13.320	ppbv 96
36) Benzene	6.90	78	61434	0.242	ppbv # 94
38) Trichloroethene	7.84	130	37282	0.357	ppbv 95
39) 1,2-Dichloropropane	7.24	63	8135	0.084	ppbv # 43
41) Tetrahydrofuran	6.06	42	7923	0.076	ppbv # 37
42) Bromodichloromethane	7.80	83	6892	0.038	ppbv # 53
50) 4-Methyl-2-Pentanone	8.75	43	20692	0.083	ppbv # 9
51) 2-Hexanone	10.14	43	724576	3.872	ppbv # 95
52) Tetrachloroethene	11.23	164	2239954	25.224	ppbv 97
53) Toluene	9.82	91	167676	0.571	ppbv 99
58) Ethyl Benzene	12.97	91	174230	0.478	ppbv 89
59) m/p-Xylene	13.00	91	71794	0.235	ppbv # 30
60) o-Xylene	13.70	91	128201	0.448	ppbv 93
61) Styrene	13.54	104	10808	0.062	ppbv # 28
62) Isopropylbenzene	14.67	105	269091	0.626	ppbv 96
64) n-propylbenzene	15.57	120	5896	0.053	ppbv # 1
65) tert-Butylbenzene	16.77	119	20144	0.053	ppbv # 45
69) p-Isopropyltoluene	17.67	119	17473	0.040	ppbv # 35
72) 4-Ethyltoluene	15.85	105	21297	0.062	ppbv # 27

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QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration

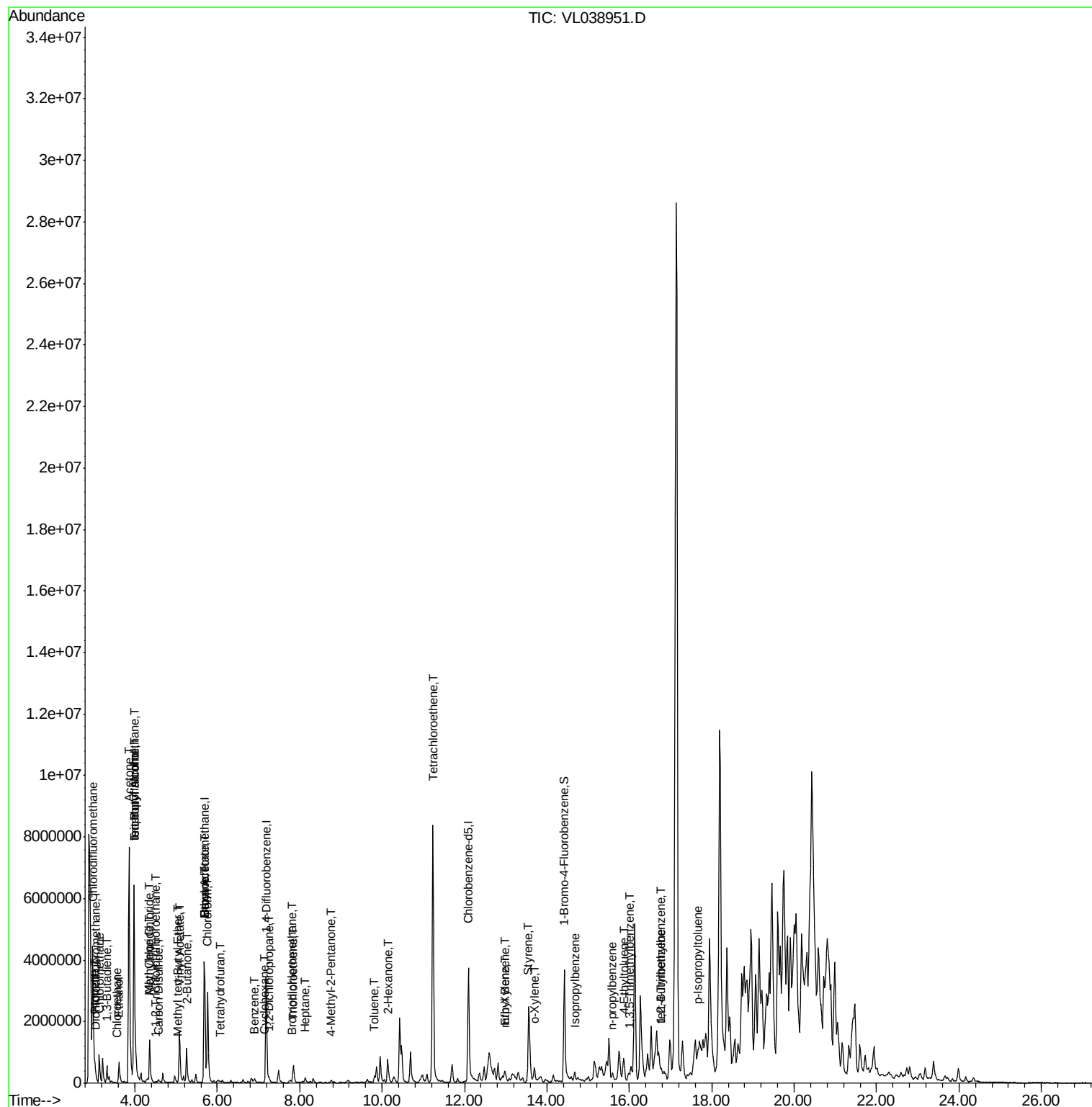
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) 1,3,5-Trimethylbenzene	16.00	105	56597	0.184	ppbv	88
74) 1,2,4-Trimethylbenzene	16.77	105	113658	0.350	ppbv #	68

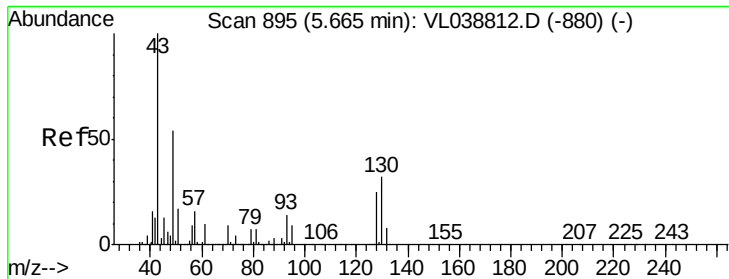
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: SV-1

Acq: 19 Apr 2022 15:55

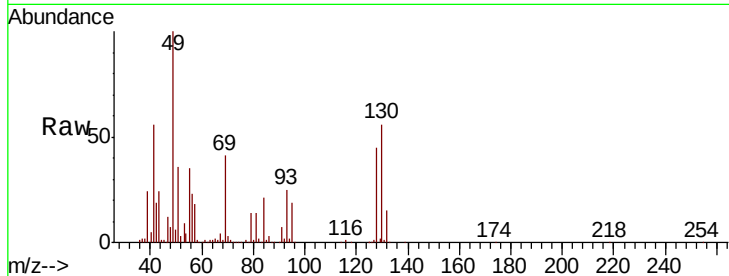
Tot Ion: 49 Resp: 1106253

Ion Ratio Lower Upper

49 100

128 46.7 24.1 72.3

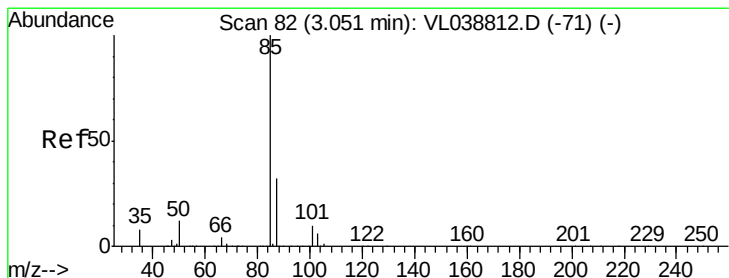
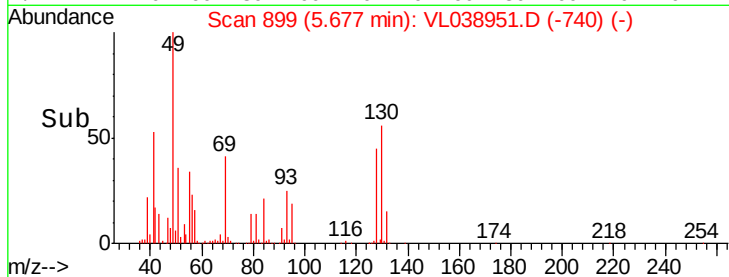
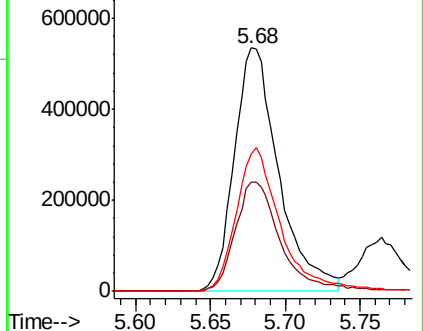
130 59.5 30.9 92.8



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: 0.372 ppbv

RT: 3.06 min Scan# 85

Delta R.T. 0.01 min

Lab File: VL038951.D

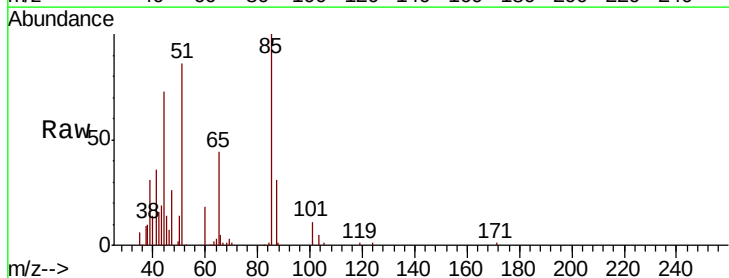
Acq: 19 Apr 2022 15:53

Tgt Ion: 85 Resp: 58429

Ion Ratio Lower Upper

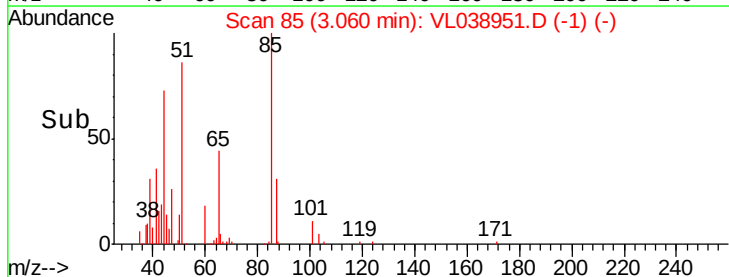
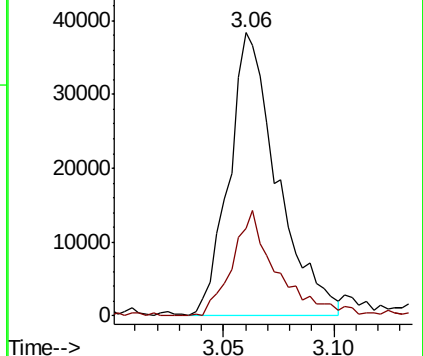
85 100

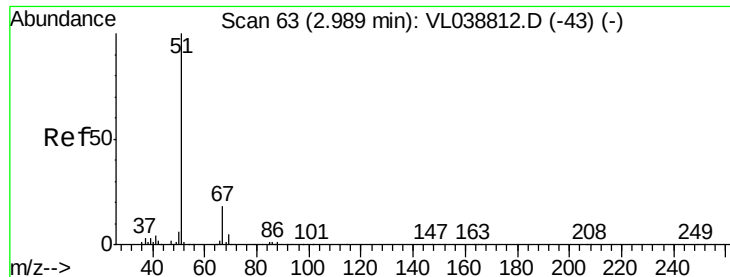
87 30.7 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 25.464 ppbv

RT: 2.98 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

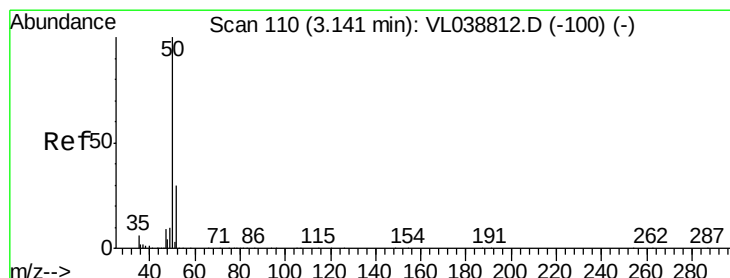
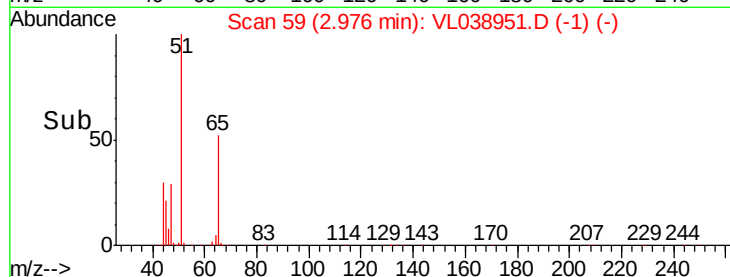
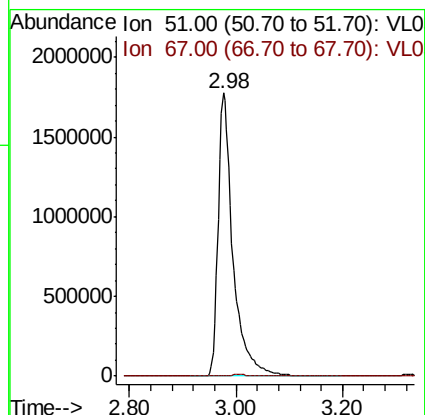
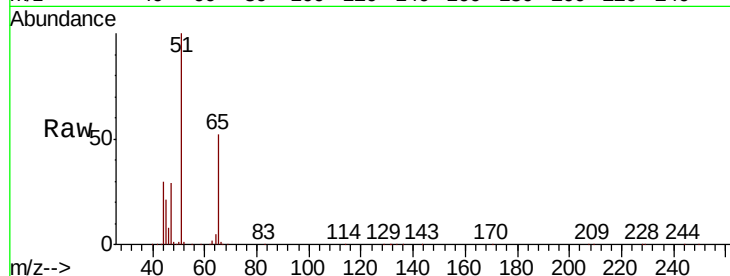
Acq: 19 Apr 2022 15:55 SV-1

Tot Ion: 51 Resp: 3437896

Ion Ratio Lower Upper

51 100

67 0.6 13.4 20.0#



#4

Chloromethane

Concen: 0.065 ppbv

RT: 3.15 min Scan# 113

Delta R.T. 0.01 min

Lab File: VL038951.D

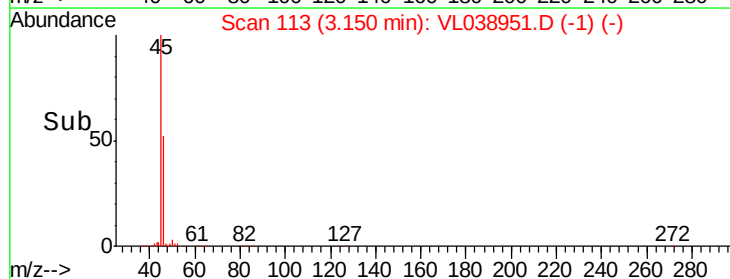
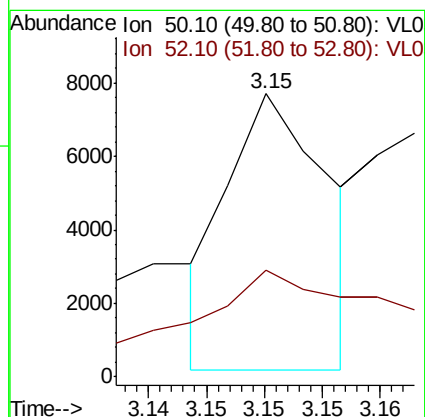
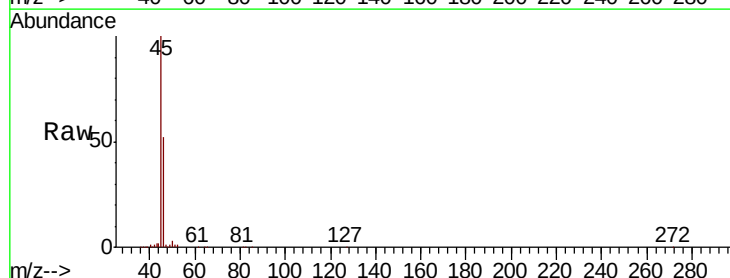
Acq: 19 Apr 2022 15:53

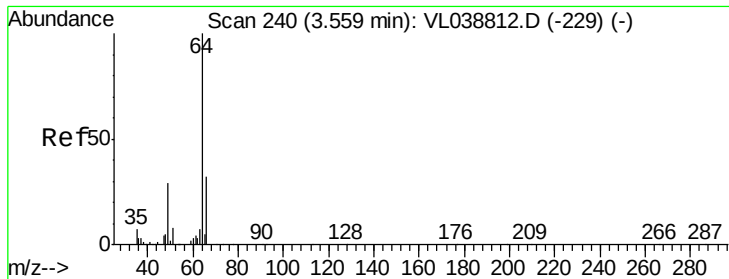
Tgt Ion: 50 Resp: 4514

Ion Ratio Lower Upper

50 100

52 30.5 24.3 36.5





#7

Chloroethane

Concen: 0.049 ppbv

RT: 3.57 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

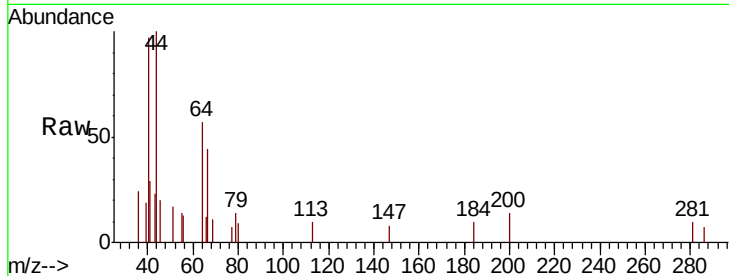
Acq: 19 Apr 2022 15:55 SV-1

Tot Ion: 64 Resp: 1061

Ion Ratio Lower Upper

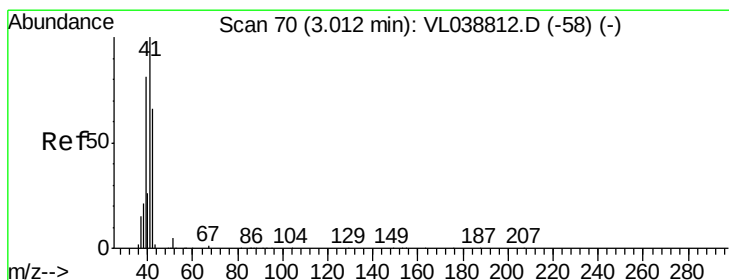
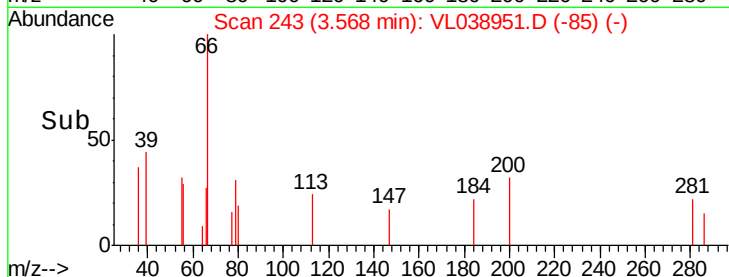
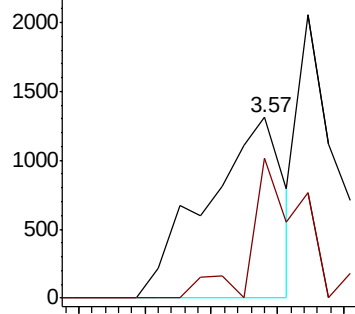
64 100

66 77.4 25.4 38.2#



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#9

Propene

Concen: 2.661 ppbv

RT: 3.02 min Scan# 74

Delta R.T. 0.01 min

Lab File: VL038951.D

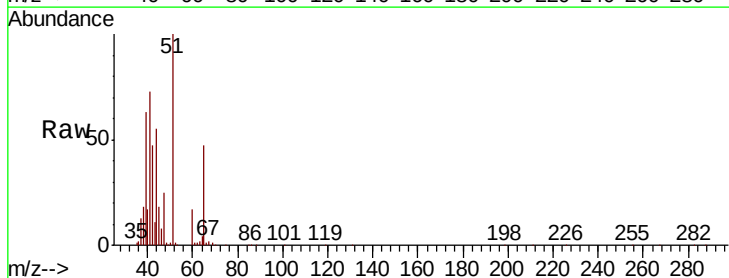
Acq: 19 Apr 2022 15:53

Tgt Ion: 41 Resp: 190095

Ion Ratio Lower Upper

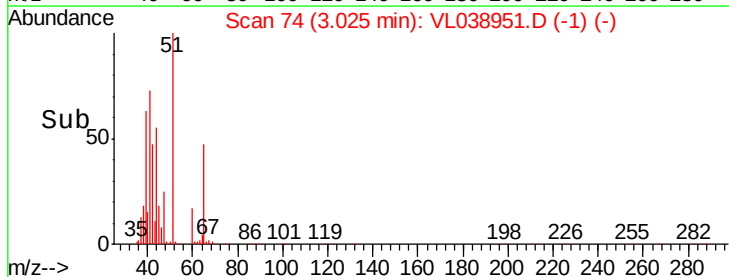
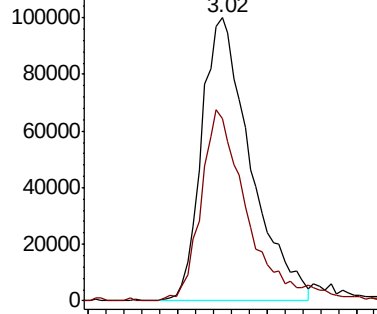
41 100

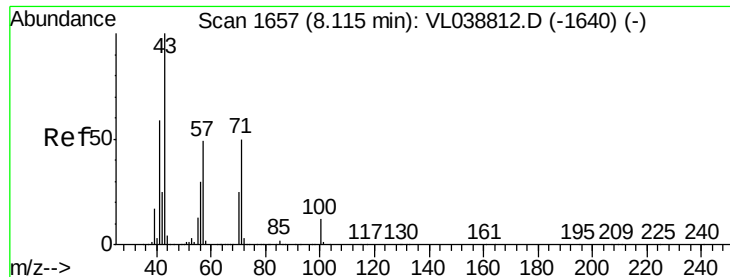
42 64.7 54.2 81.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#10

Heptane

Concen: 0.475 ppbv

RT: 8.13 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

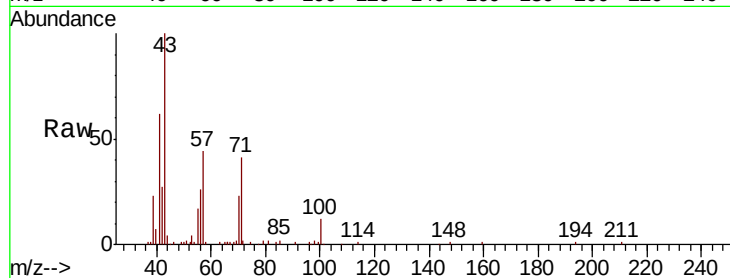
Acq: 19 Apr 2022 15:55

Tot Ion: 43 Resp: 85498

Ion Ratio Lower Upper

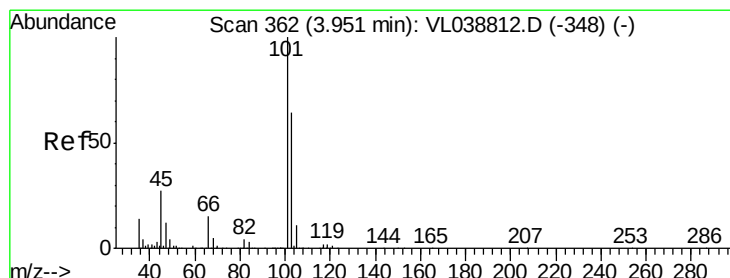
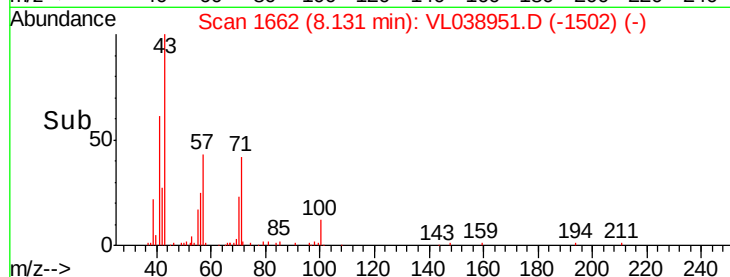
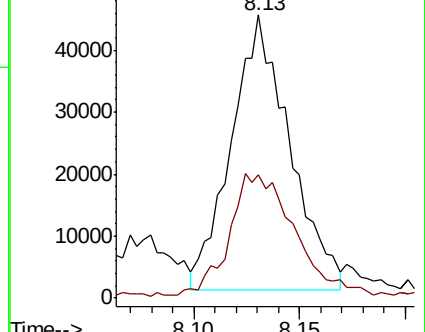
43 100

57 53.4 39.3 58.9



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#11

Trichlorofluoromethane

Concen: 0.239 ppbv

RT: 3.97 min Scan# 367

Delta R.T. 0.02 min

Lab File: VL038951.D

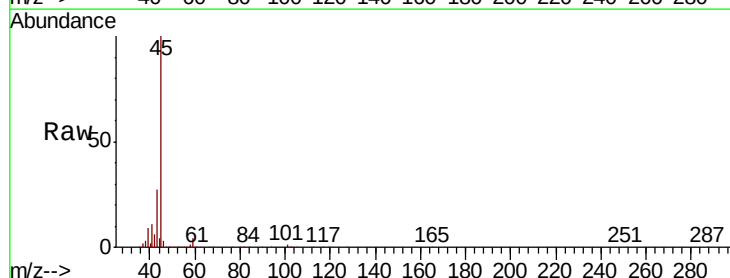
Acq: 19 Apr 2022 15:53

Tgt Ion:101 Resp: 30145

Ion Ratio Lower Upper

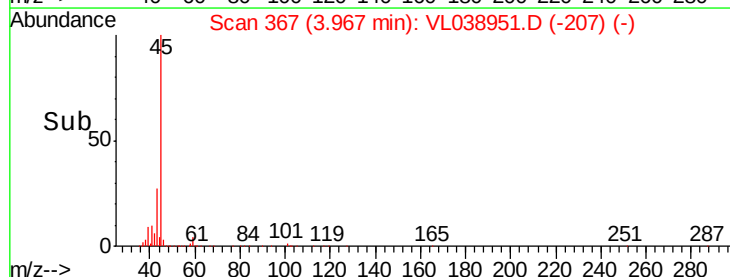
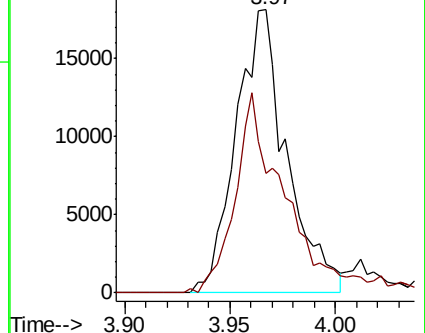
101 100

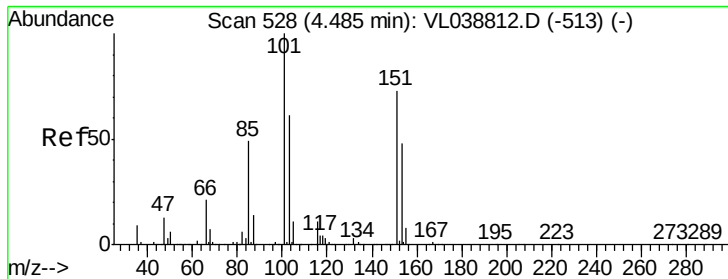
103 40.9 51.4 77.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.038 ppbv

RT: 4.49 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

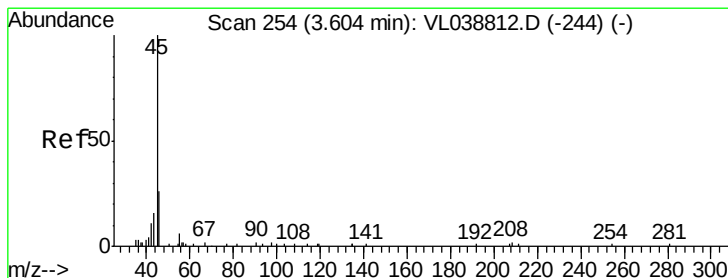
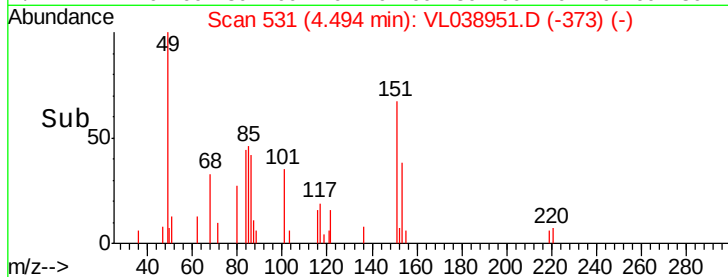
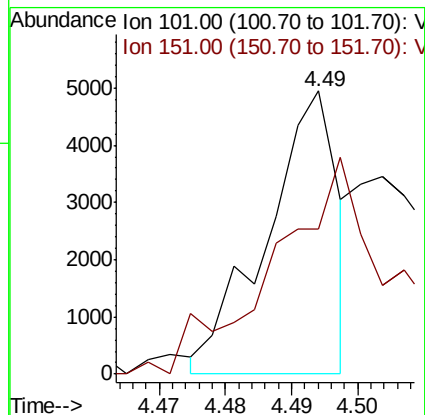
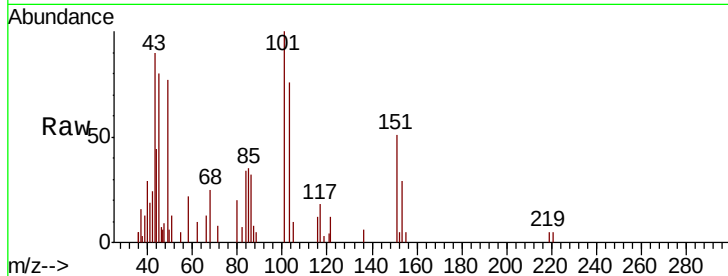
Acq: 19 Apr 2022 15:55 SV-1

Tot Ion: 101 Resp: 3718

Ion Ratio Lower Upper

101 100

151 164.0 59.9 89.9#



#13

Ethanol

Concen: 194.571 ppbv

RT: 3.61 min Scan# 257

Delta R.T. 0.01 min

Lab File: VL038951.D

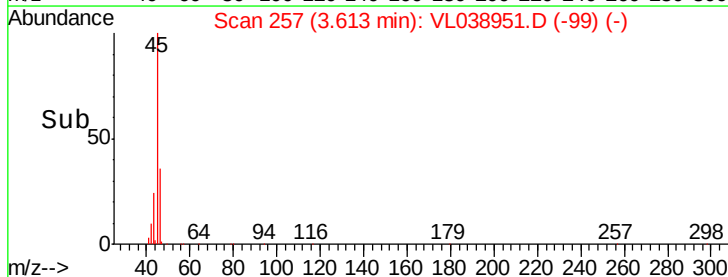
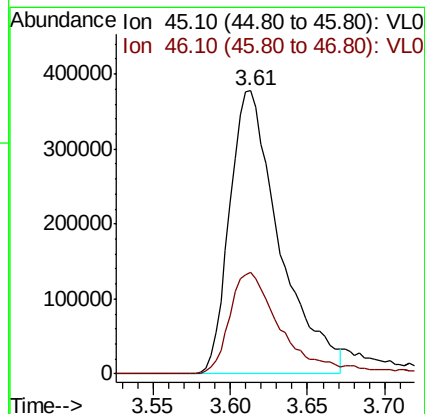
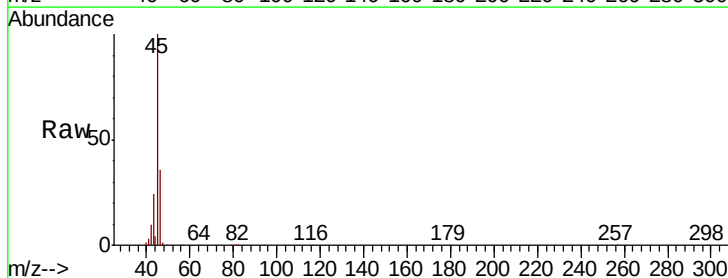
Acq: 19 Apr 2022 15:53

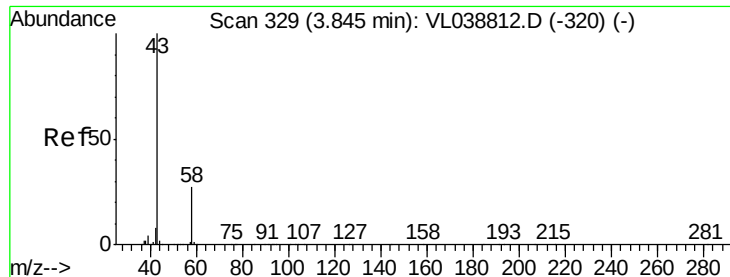
Tgt Ion: 45 Resp: 844619

Ion Ratio Lower Upper

45 100

46 39.0 0.0 0.0#





#15

Acetone

Concen: 94.593 ppbv

RT: 3.85 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: SV-1

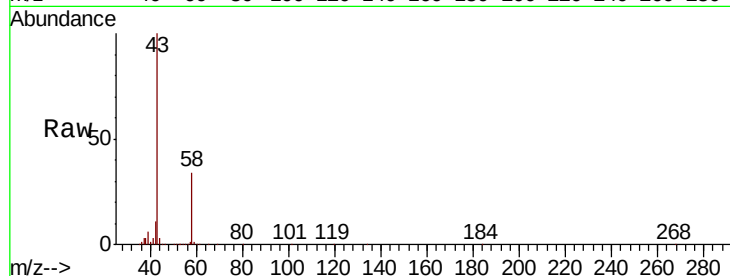
Acq: 19 Apr 2022 15:55

Tot Ion: 43 Resp: 10418184

Ion Ratio Lower Upper

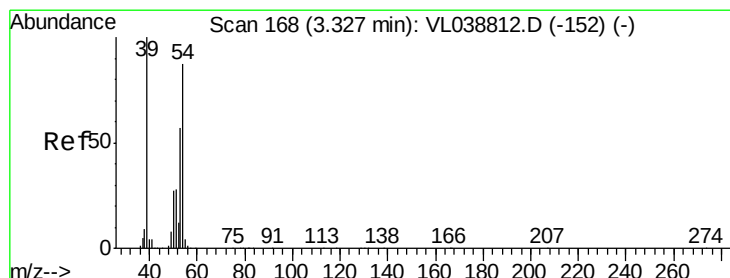
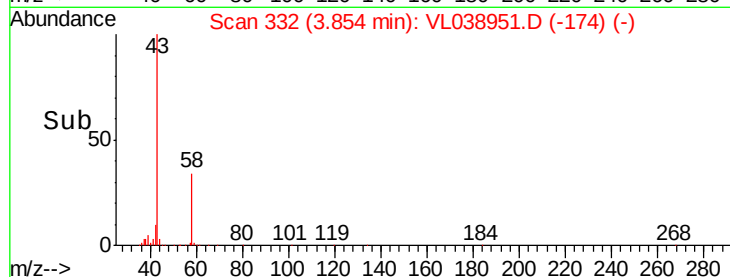
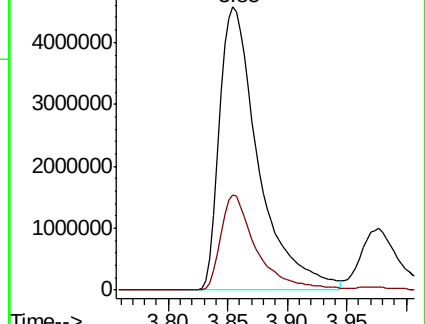
43 100

58 30.6 22.5 33.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 2.754 ppbv

RT: 3.32 min Scan# 166

Delta R.T. -0.01 min

Lab File: VL038951.D

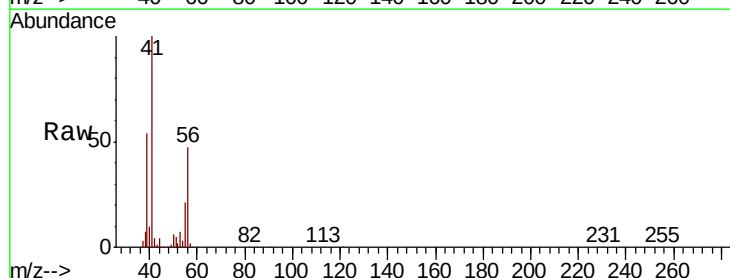
Acq: 19 Apr 2022 15:53

Tgt Ion: 39 Resp: 173389

Ion Ratio Lower Upper

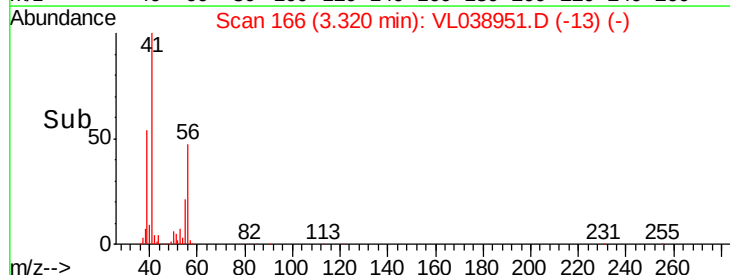
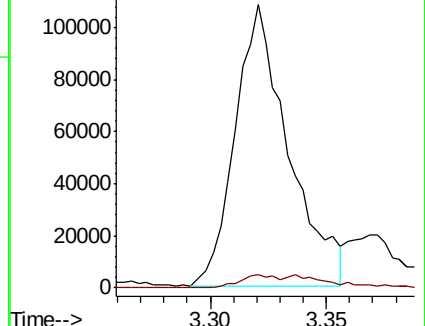
39 100

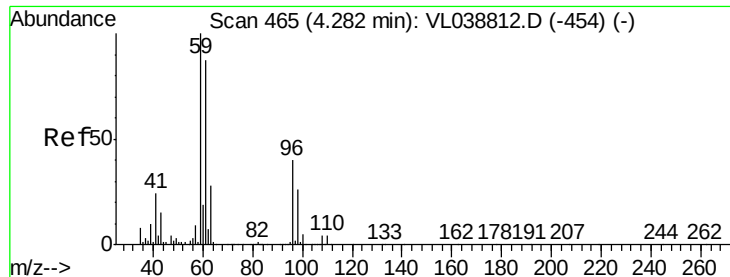
54 7.6 64.8 97.2#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0





#17

tert-Butyl alcohol

Concen: 3.317 ppbv

RT: 3.98 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

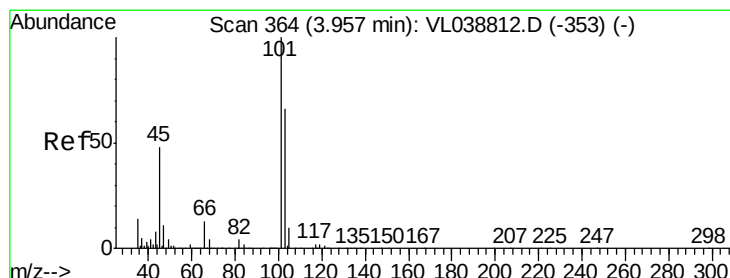
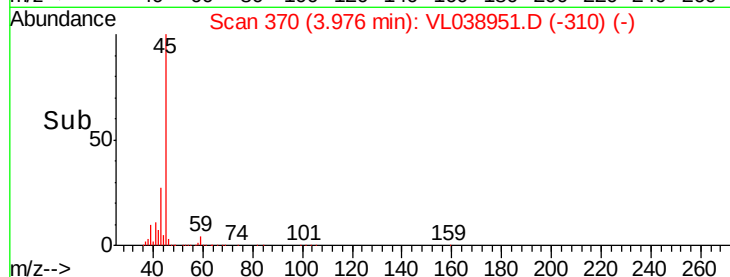
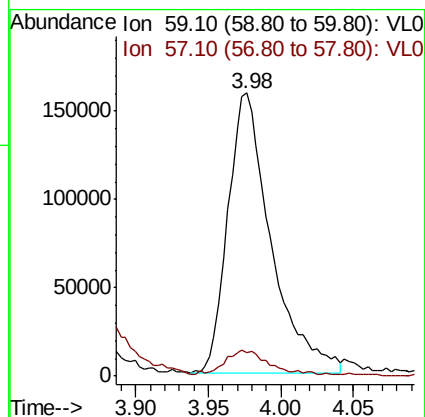
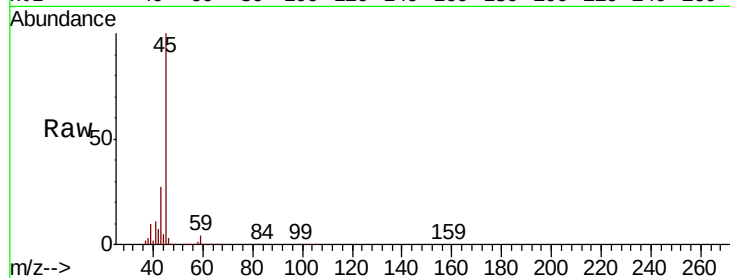
Acq: 19 Apr 2022 15:53 SV-1

Tot Ion: 59 Resp: 327641

Ion Ratio Lower Upper

59 100

57 11.1 8.5 12.7



#19

Isopropyl Alcohol

Concen: 156.960 ppbv

RT: 3.98 min Scan# 370

Delta R.T. 0.02 min

Lab File: VL038951.D

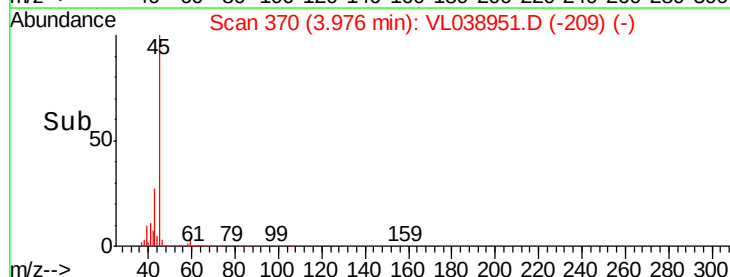
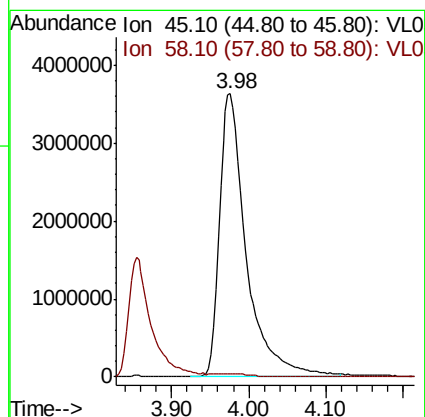
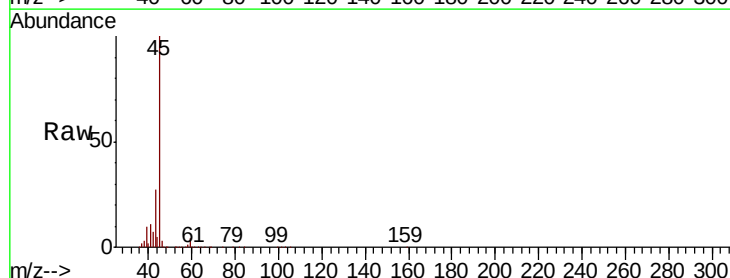
Acq: 19 Apr 2022 15:53

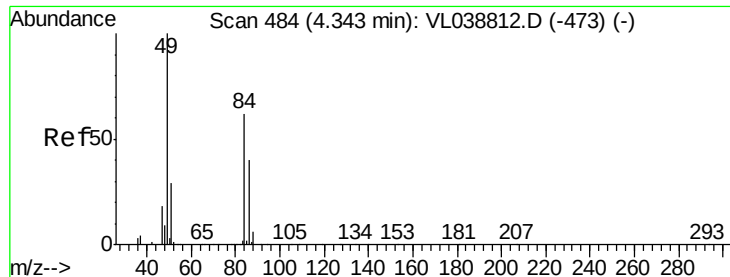
Tgt Ion: 45 Resp: 8835454

Ion Ratio Lower Upper

45 100

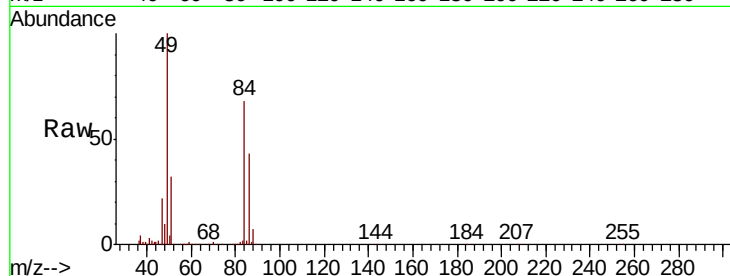
58 1.5 0.0 0.0#



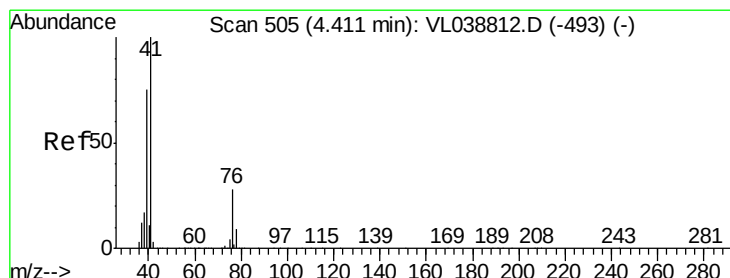
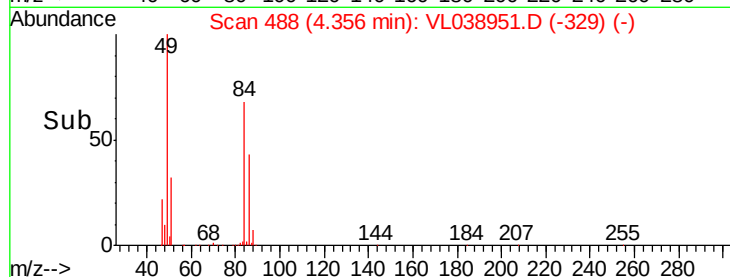
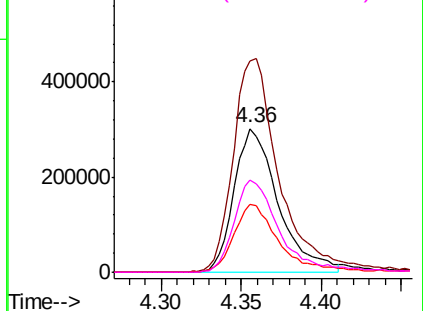


#20
Methylene Chloride
Concen: 14.273 ppbv
RT: 4.36
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 19 Apr 2022 15:55

Tot Ion:	84	Resp:	570131
Ion	Ratio	Lower	Upper
84	100		
49	146.7	129.4	194.0
51	46.8	37.4	56.2
86	63.6	51.4	77.2

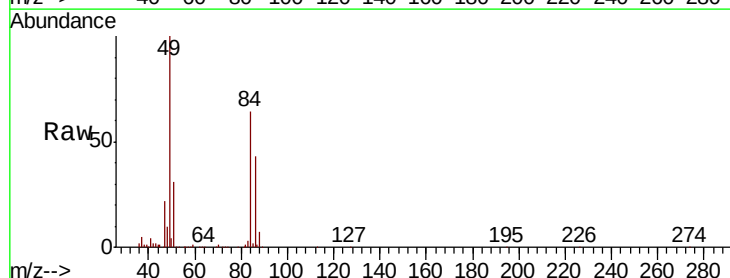


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

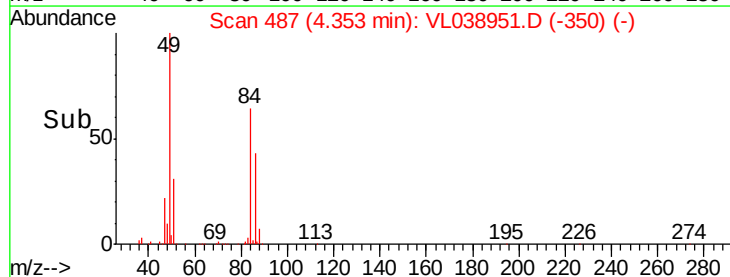
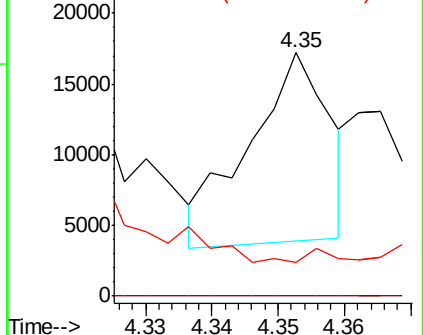


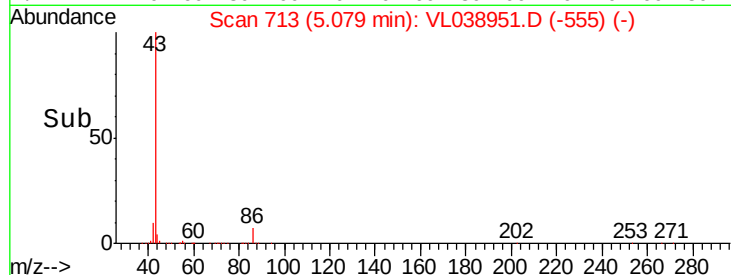
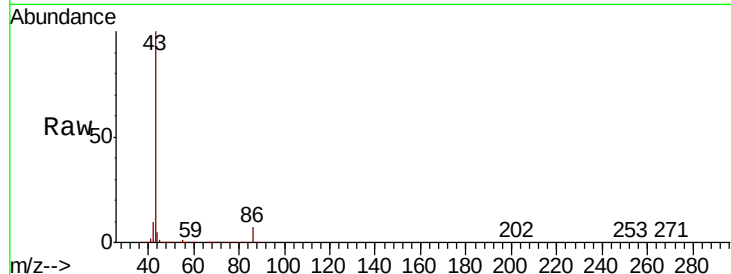
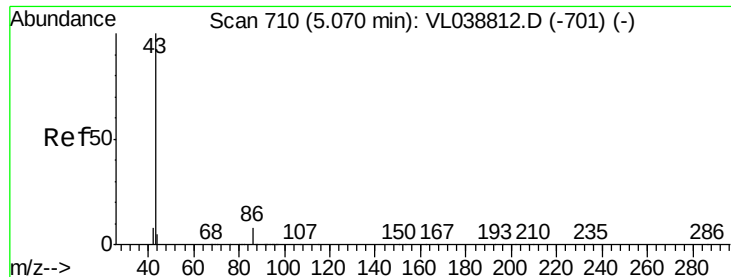
#21
Allyl Chloride
Concen: 0.137 ppbv
RT: 4.35 min Scan# 487
Delta R.T. -0.06 min
Lab File: VL038951.D
Acq: 19 Apr 2022 15:53

Tgt Ion:	41	Resp:	11307
Ion	Ratio	Lower	Upper
41	100		
76	0.0	23.7	35.5#
39	0.0	62.0	93.0#



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0





#23

Vinyl Acetate

Concen: 24.756 ppbv

RT: 5.08 Instrument: MSVOA_1

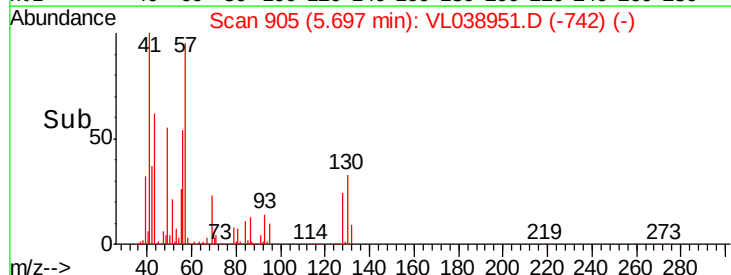
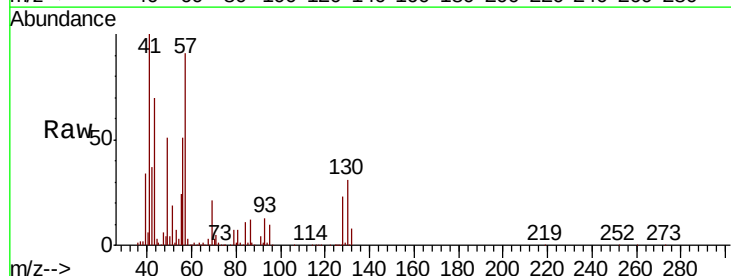
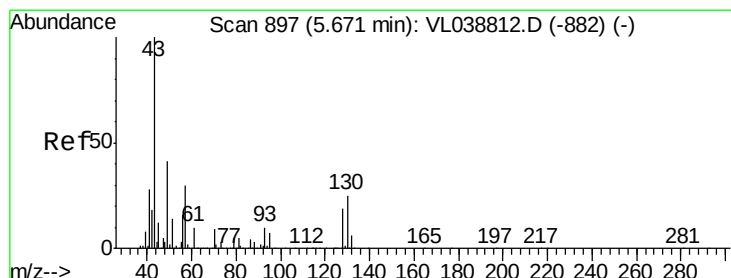
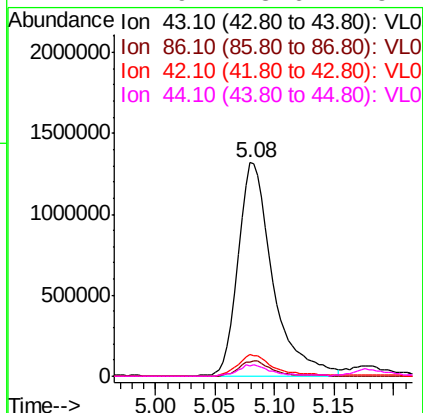
Delta R.T.

Lab File: ClientSampleId: SV-1

Acq: 19 Apr 2022 15:55

Tot Ion: 43 Resp: 2655322

Ion	Ratio	Lower	Upper
43	100		
86	6.7	5.8	8.6
42	10.1	7.8	11.6
44	4.9	3.6	5.4



#25

Ethyl Acetate

Concen: 2.614 ppbv

RT: 5.70 min Scan# 905

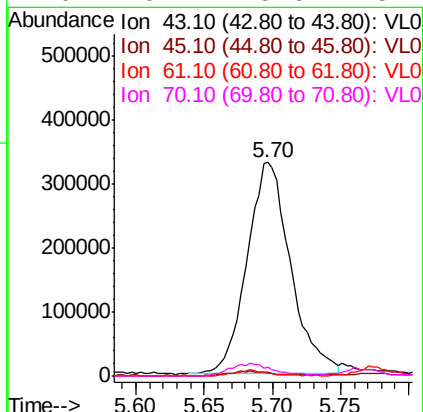
Delta R.T. 0.03 min

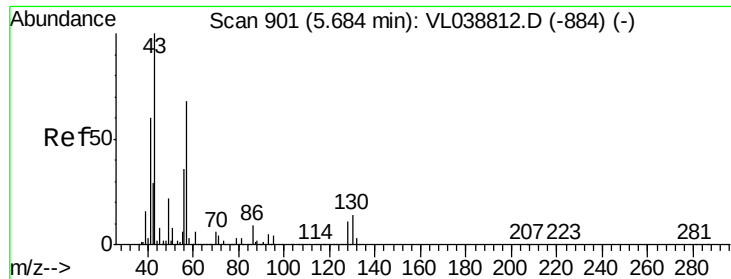
Lab File: VL038951.D

Acq: 19 Apr 2022 15:53

Tgt Ion: 43 Resp: 730499

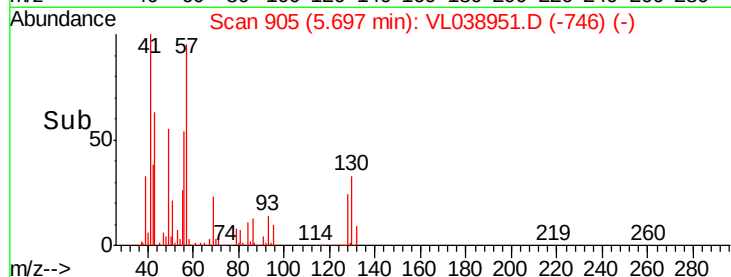
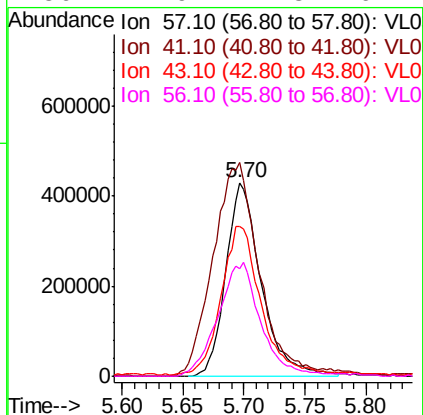
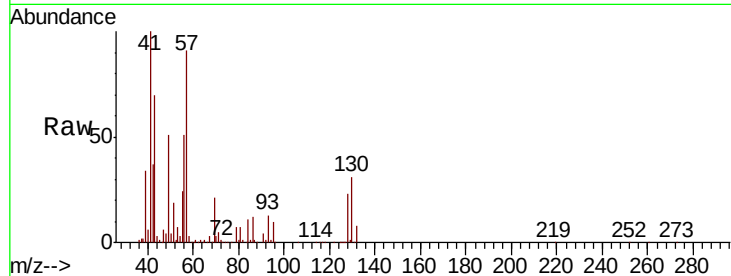
Ion	Ratio	Lower	Upper
43	100		
45	2.3	8.4	12.6#
61	2.1	7.9	11.9#
70	6.1	5.6	8.4





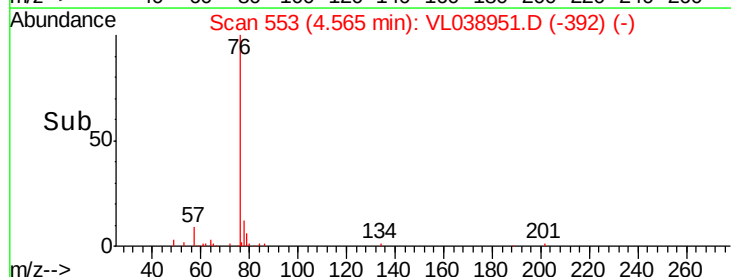
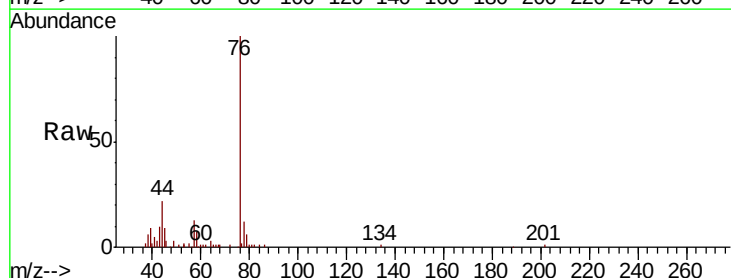
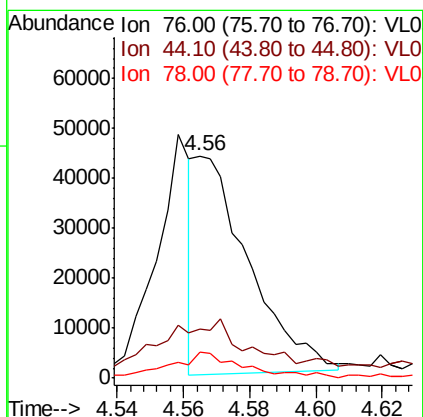
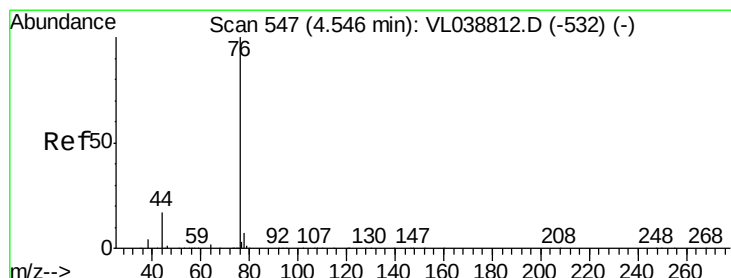
#26
Hexane
Concen: 6.779 ppbv
RT: 5.70
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 19 Apr 2022 15:55

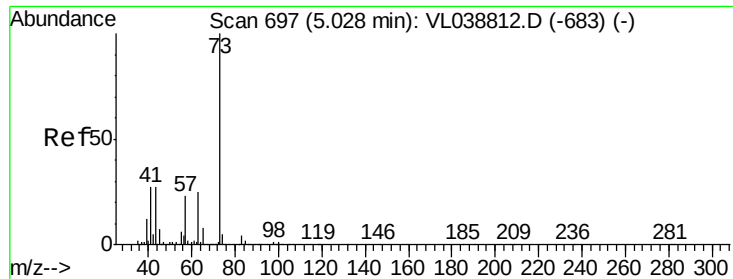
Tot Ion:	57	Resp:	862299
Ion	Ratio	Lower	Upper
57	100		
41	146.0	72.0	108.0#
43	89.0	186.6	280.0#
56	72.9	42.8	64.2#



#27
Carbon Disulfide
Concen: 0.419 ppbv
RT: 4.56 min Scan# 553
Delta R.T. 0.02 min
Lab File: VL038951.D
Acq: 19 Apr 2022 15:53

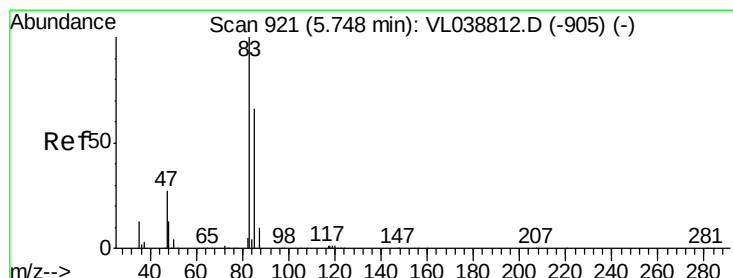
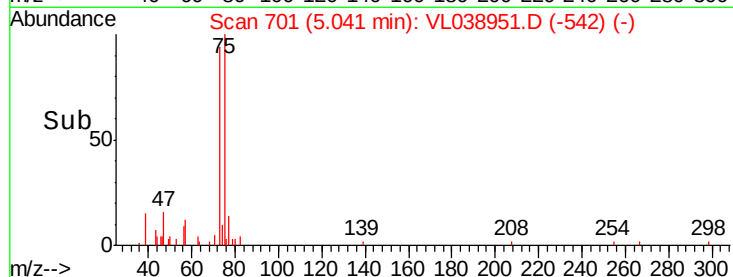
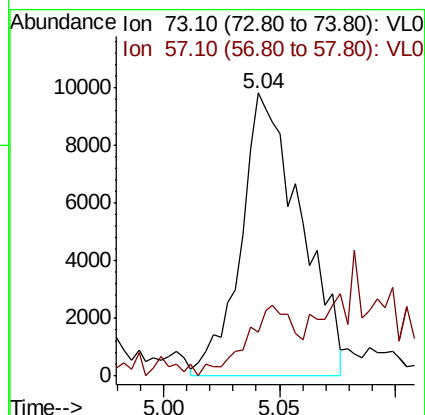
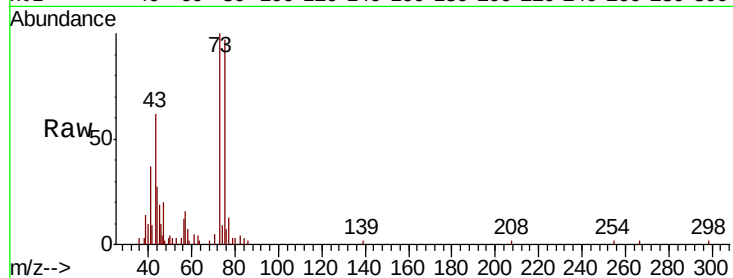
Tgt Ion:	76	Resp:	48908
Ion	Ratio	Lower	Upper
76	100		
44	48.9	15.7	23.5#
78	18.2	7.8	11.8#





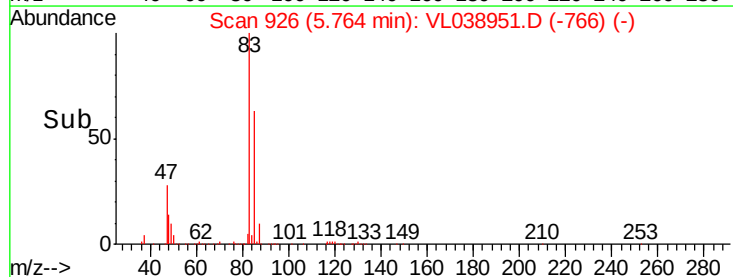
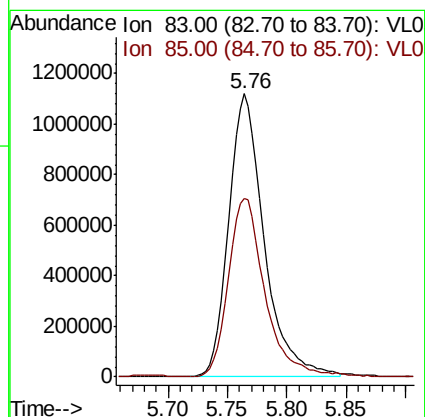
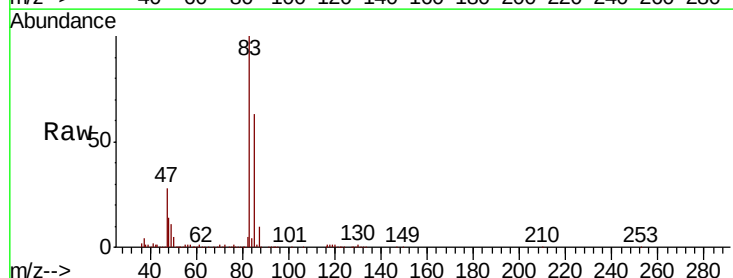
#28
Methyl tert-Butyl Ether
Concen: 0.178 ppbv
RT: 5.04
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : SV-1
Acq: 19 Apr 2022 15:55

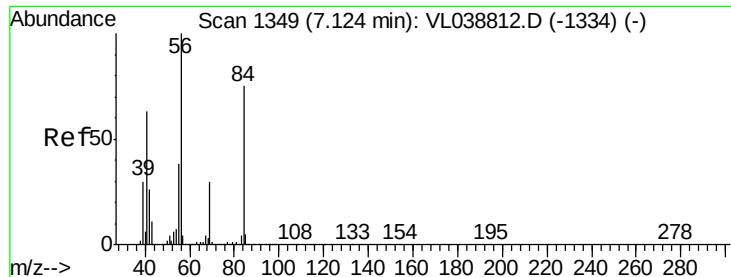
Tot Ion: 73 Resp: 17535
Ion Ratio Lower Upper
73 100
57 22.9 19.7 29.5



#29
Chloroform
Concen: 13.006 ppbv
RT: 5.76 min Scan# 926
Delta R.T.: 0.02 min
Lab File: VL038951.D
Acq: 19 Apr 2022 15:53

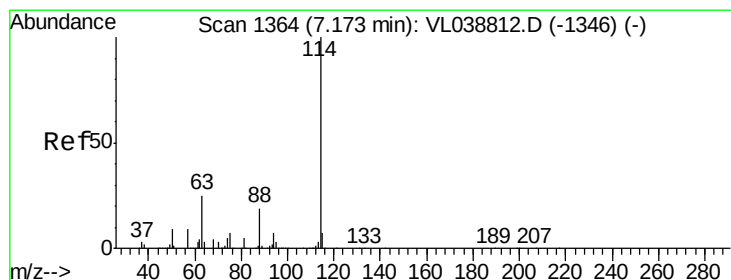
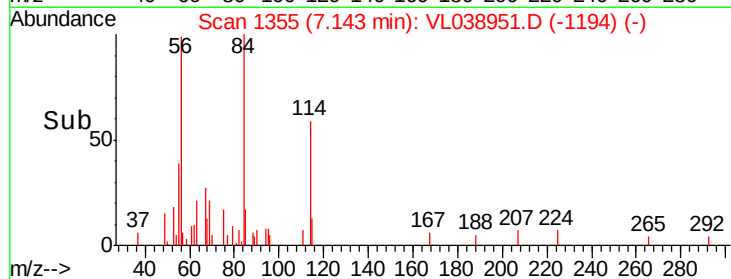
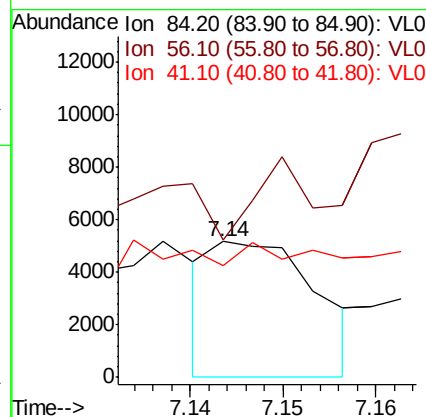
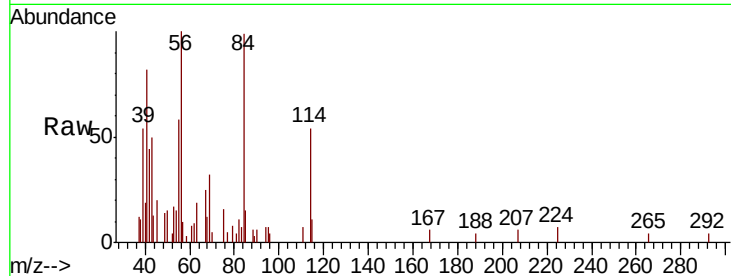
Tgt Ion: 83 Resp: 2314811
Ion Ratio Lower Upper
83 100
85 63.0 52.5 78.7





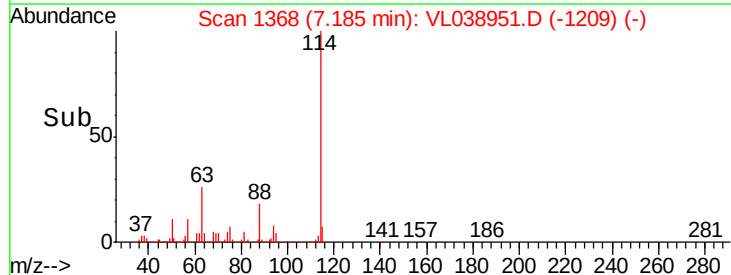
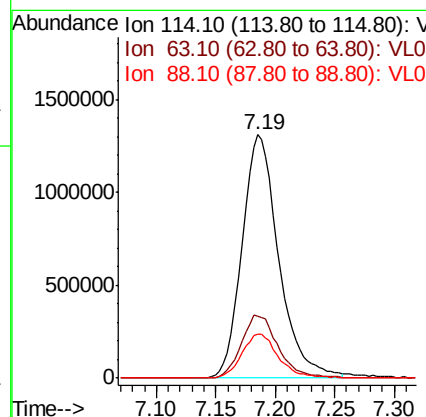
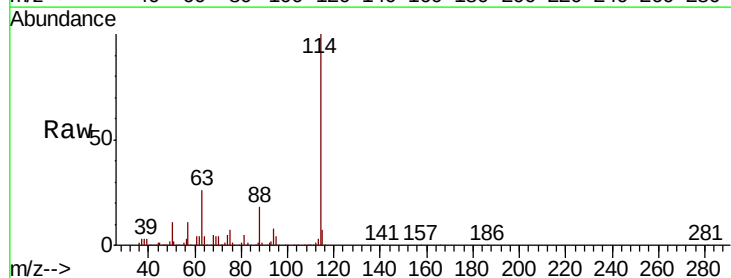
#30
Cvclohexane
Concen: 0.036 ppbv
RT: 7.14
Delta R.T. MSVOA_L
Lab File: ClientSampleId : SV-1
Acq: 19 Apr 2022 15:55

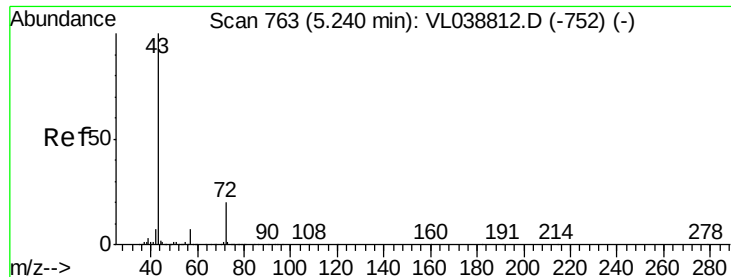
Tot Ion: 84 Resp: 4061
Ion Ratio Lower Upper
84 100
56 0.0 114.4 171.6#
41 0.0 69.0 103.4#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VL038951.D
Acq: 19 Apr 2022 15:53

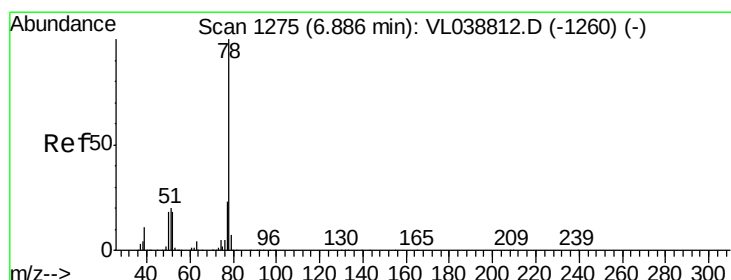
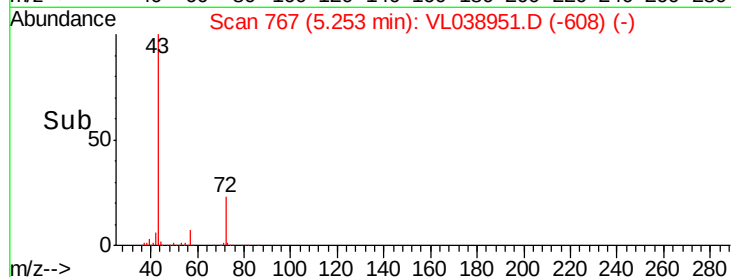
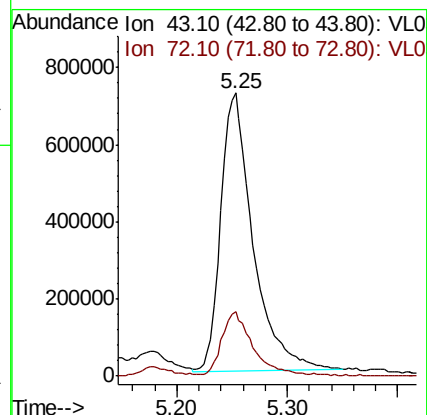
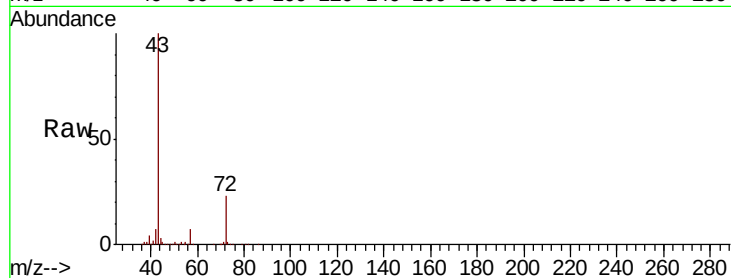
Tgt Ion: 114 Resp: 2794601
Ion Ratio Lower Upper
114 100
63 26.4 19.8 29.8
88 18.4 14.2 21.4





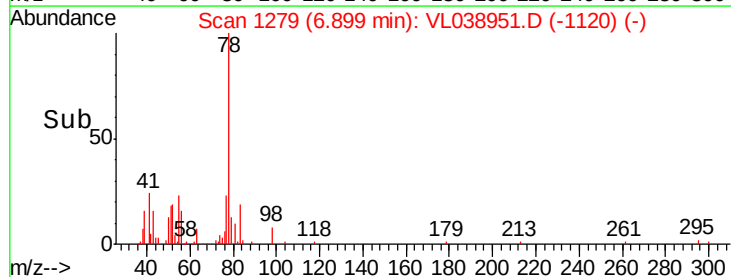
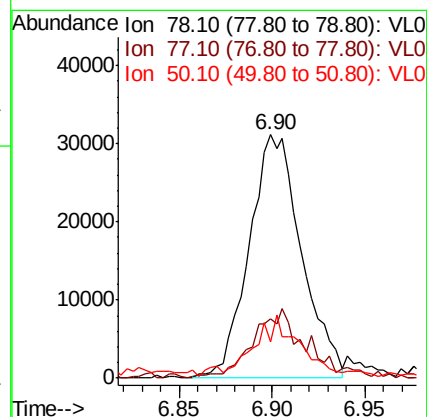
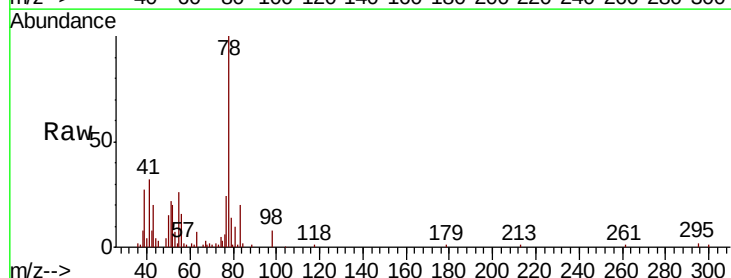
#34
2-Butanone
Concen: 13.320 ppbv
RT: 5.25
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
SV-1
Acq: 19 Apr 2022 15:55

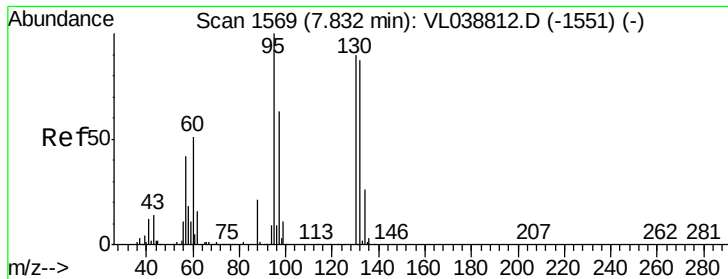
Tot Ion: 43 Resp: 1470859
Ion Ratio Lower Upper
43 100
72 23.0 16.9 25.3



#36
Benzene
Concen: 0.242 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. 0.01 min
Lab File: VL038951.D
Acq: 19 Apr 2022 15:53

Tgt Ion: 78 Resp: 61434
Ion Ratio Lower Upper
78 100
77 23.6 18.2 27.2
50 12.7 14.0 21.0#





#38

Trichloroethene

Concen: 0.357 ppbv

RT: 7.84 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Apr 2022 15:55

Tot Ion:130 Resp: 37282

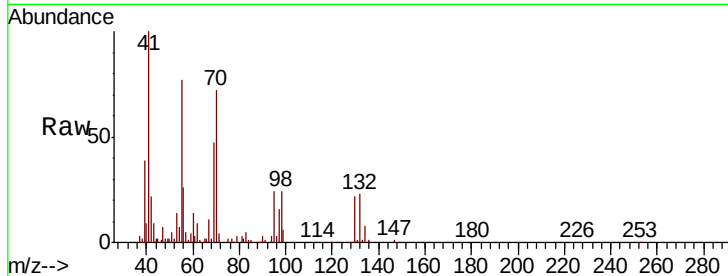
Ion Ratio Lower Upper

130 100

95 105.7 89.4 134.0

132 103.6 77.7 116.5

97 71.5 56.0 84.0

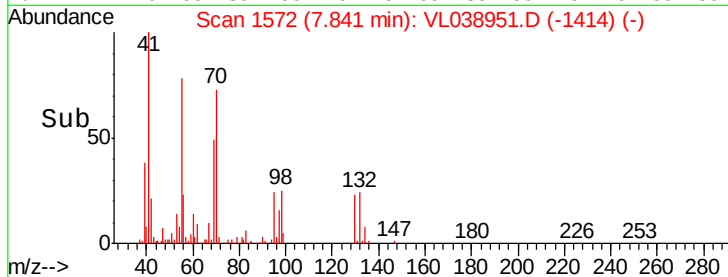
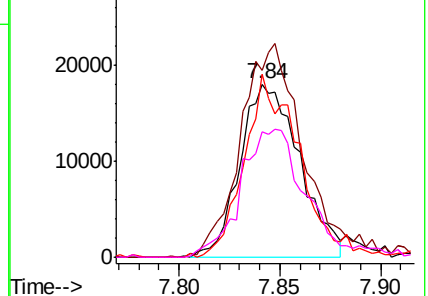


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#39

1,2-Dichloropropane

Concen: 0.084 ppbv

RT: 7.24 min Scan# 1386

Delta R.T. -0.36 min

Lab File: VL038951.D

Acq: 19 Apr 2022 15:53

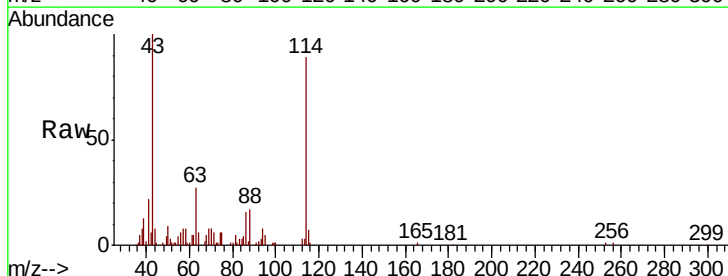
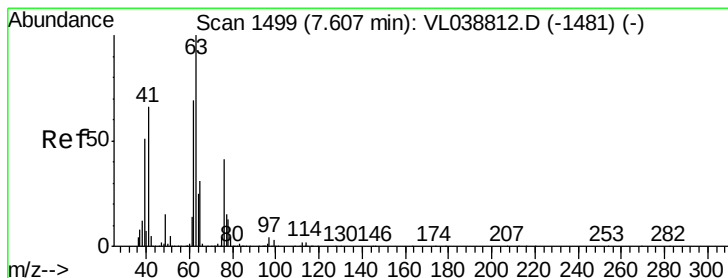
Tgt Ion: 63 Resp: 8135

Ion Ratio Lower Upper

63 100

41 34.4 53.0 79.6#

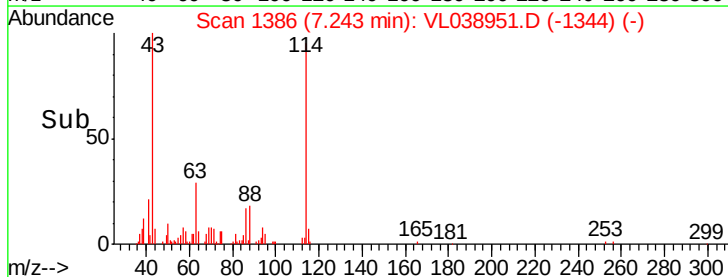
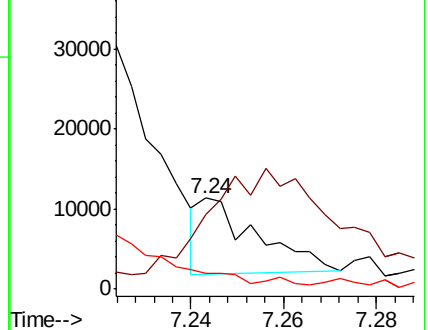
62 8.6 55.0 82.4#

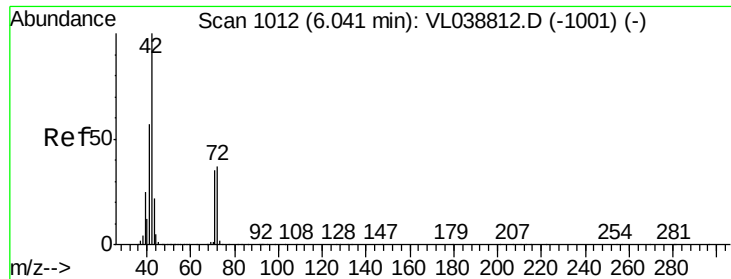


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

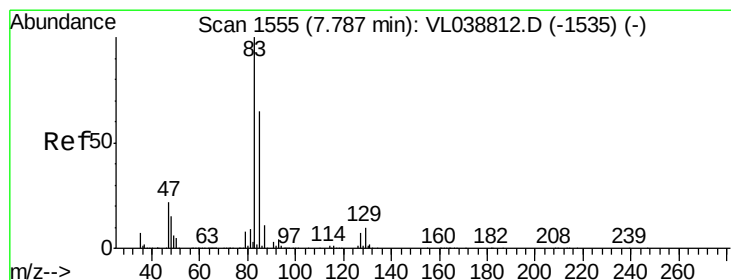
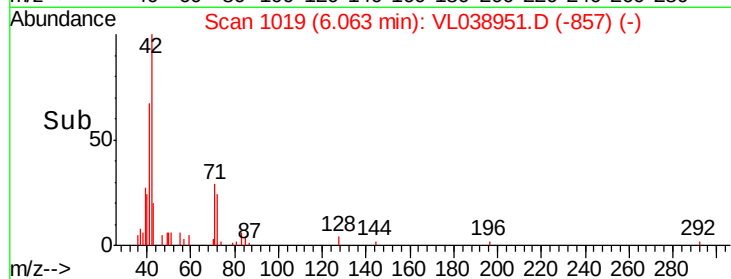
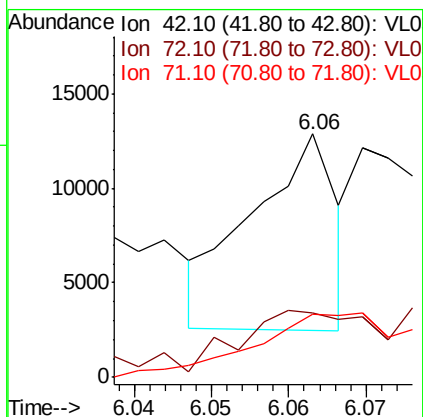
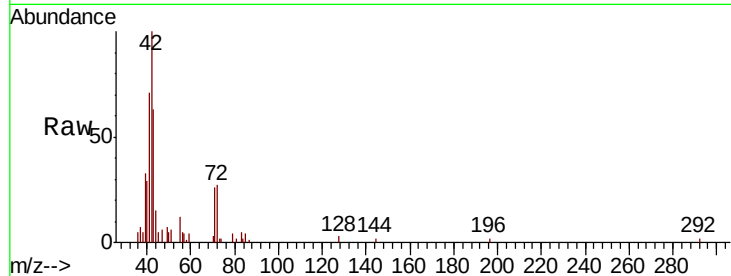
Ion 62.10 (61.80 to 62.80): VL0





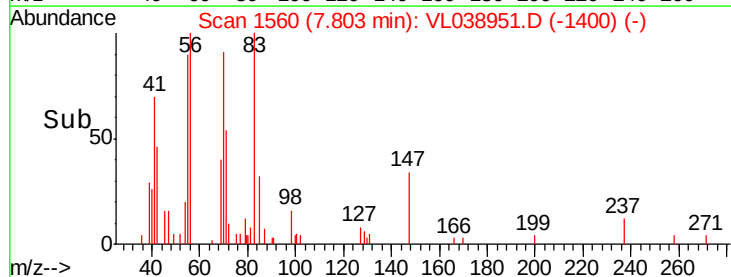
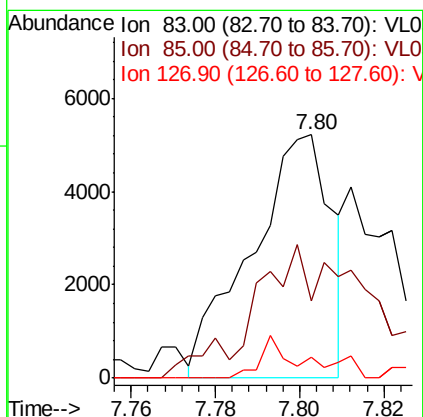
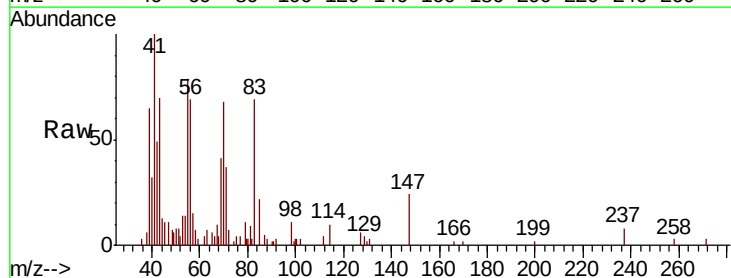
#41
Tetrahydrofuran
Concen: 0.076 ppbv
RT: 6.06
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
SV-1
Acq: 19 Apr 2022 15:55

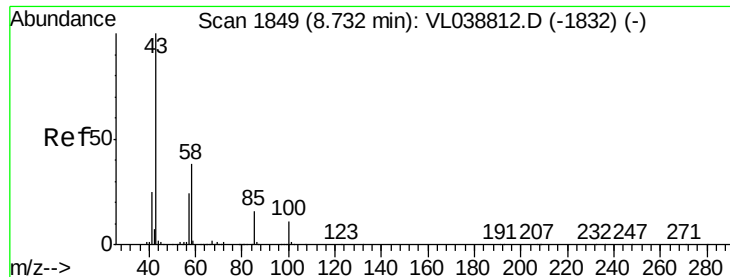
Tot Ion: 42 Resp: 7923
Ion Ratio Lower Upper
42 100
72 0.0 31.4 47.0#
71 0.0 30.2 45.4#



#42
Bromodichloromethane
Concen: 0.038 ppbv
RT: 7.80 min Scan# 1560
Delta R.T.: 0.02 min
Lab File: VL038951.D
Acq: 19 Apr 2022 15:53

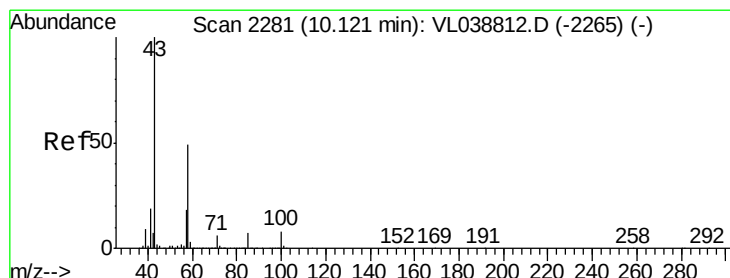
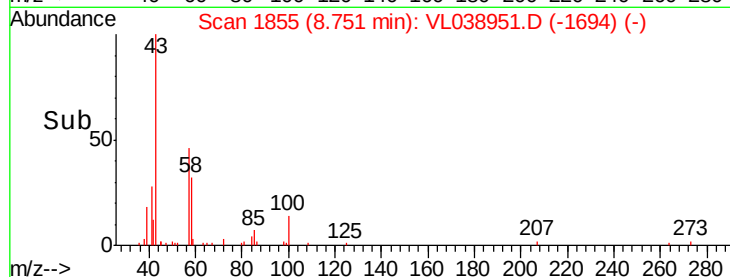
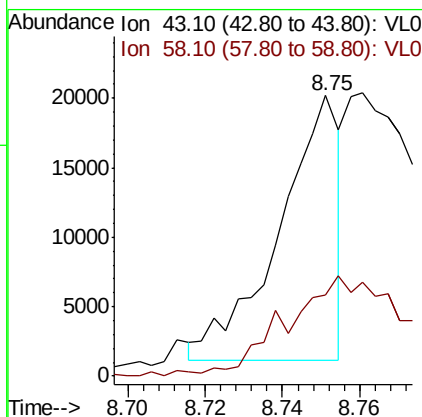
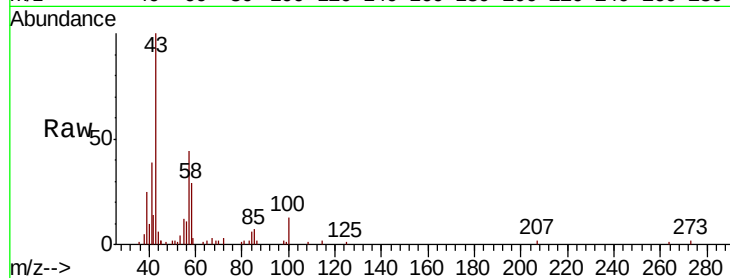
Tgt Ion: 83 Resp: 6892
Ion Ratio Lower Upper
83 100
85 24.2 51.7 77.5#
127 9.0 5.9 8.9#





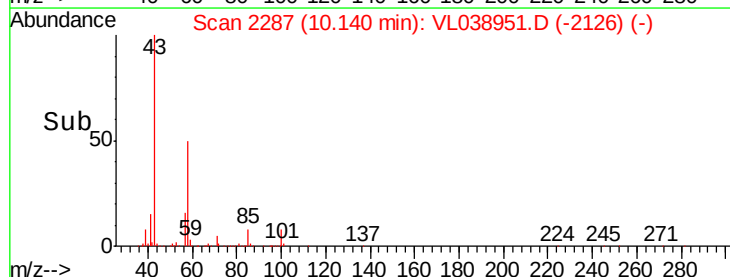
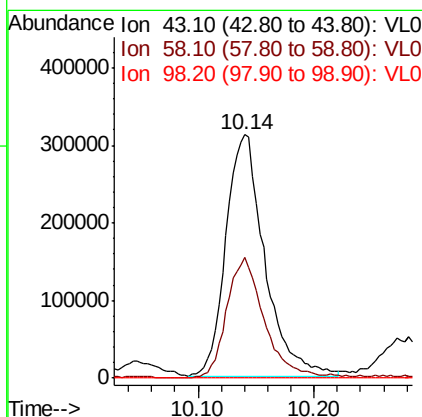
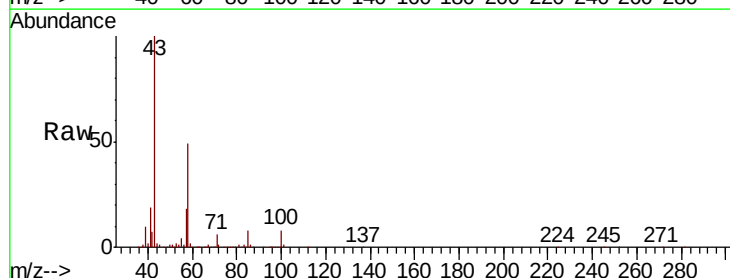
#50
 4-Methyl-2-Pentanone
 Concen: 0.083 ppbv
 RT: 8.75
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 SV-1
 Acq: 19 Apr 2022 15:55

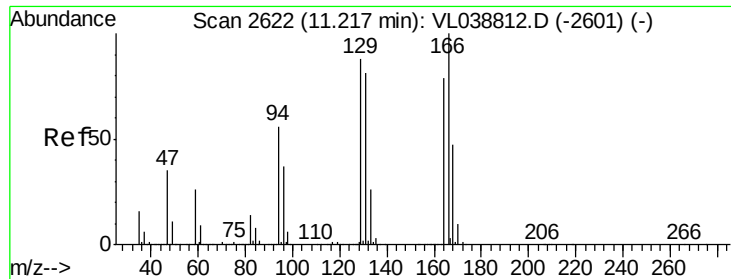
Tot Ion: 43 Resp: 20692
 Ion Ratio Lower Upper
 43 100
 58 90.0 29.0 43.6#



#51
 2-Hexanone
 Concen: 3.872 ppbv
 RT: 10.14 min Scan# 2287
 Delta R.T. 0.02 min
 Lab File: VL038951.D
 Acq: 19 Apr 2022 15:53

Tgt Ion: 43 Resp: 724576
 Ion Ratio Lower Upper
 43 100
 58 48.5 41.4 62.0
 98 0.2 0.1 0.1#





#52

Tetrachloroethene

Concen: 25.224 ppbv

RT: 11.23

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Apr 2022 15:55

Tot Ion:164 Resp: 2239954

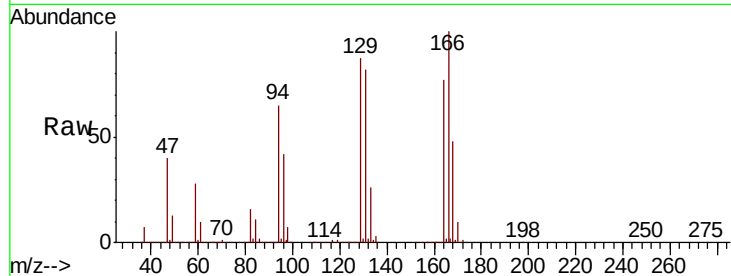
Ion Ratio Lower Upper

164 100

166 129.8 101.0 151.6

129 112.8 88.7 133.1

131 106.2 81.8 122.6

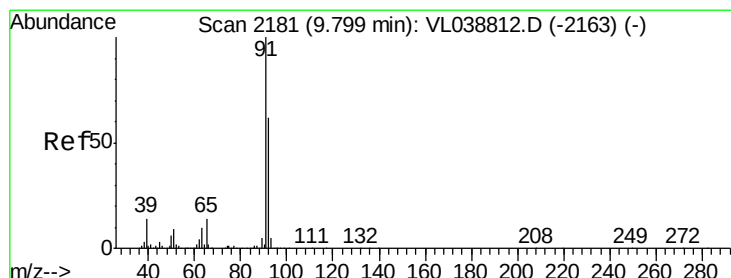
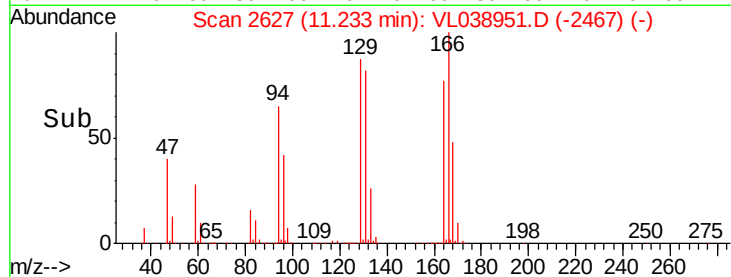
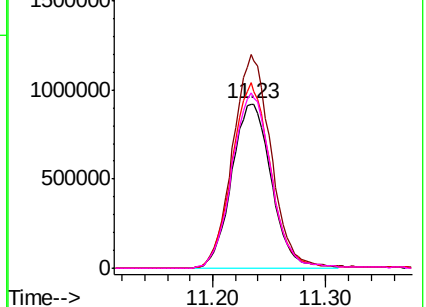


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.571 ppbv

RT: 9.82 min Scan# 2186

Delta R.T. 0.02 min

Lab File: VL038951.D

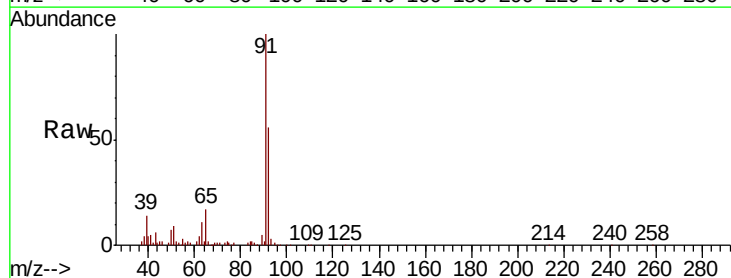
Acq: 19 Apr 2022 15:53

Tgt Ion: 91 Resp: 167676

Ion Ratio Lower Upper

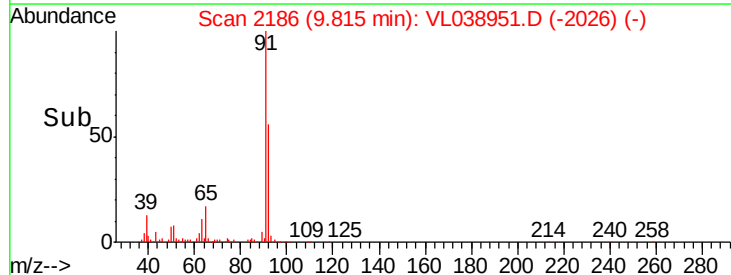
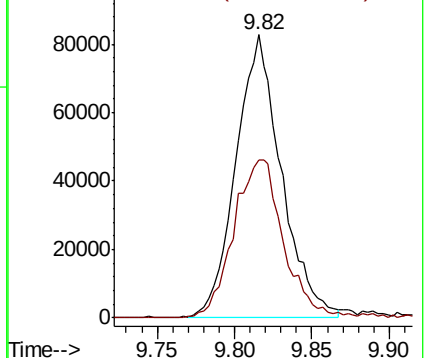
91 100

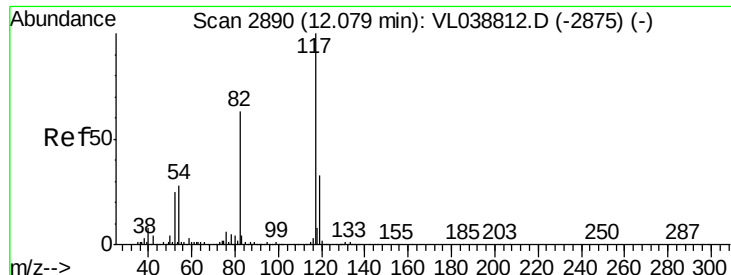
92 62.6 49.2 73.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

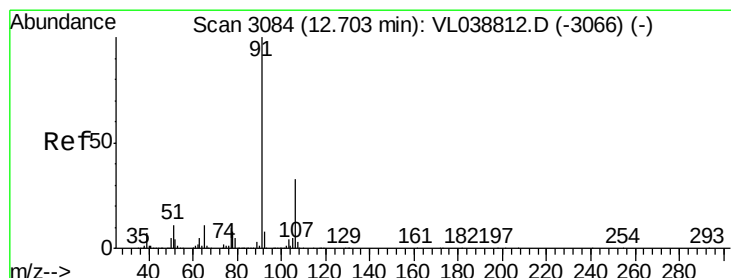
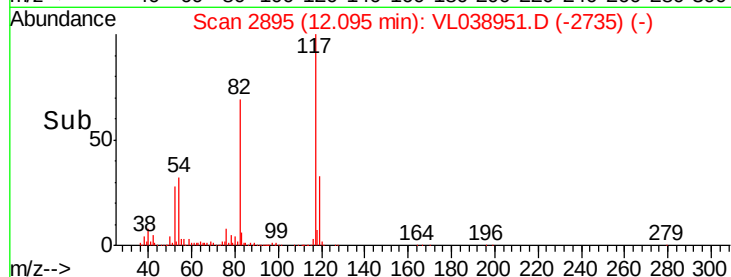
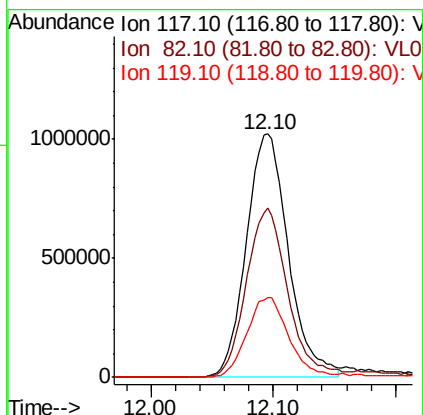
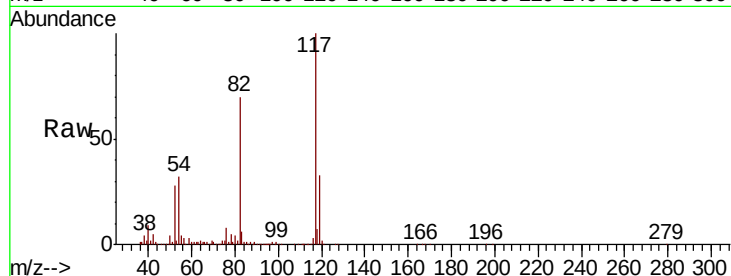
Ion 92.10 (91.80 to 92.80): VL0





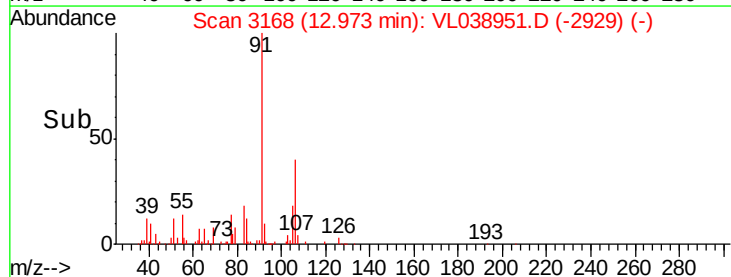
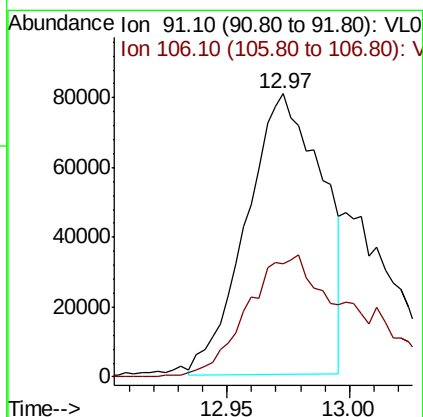
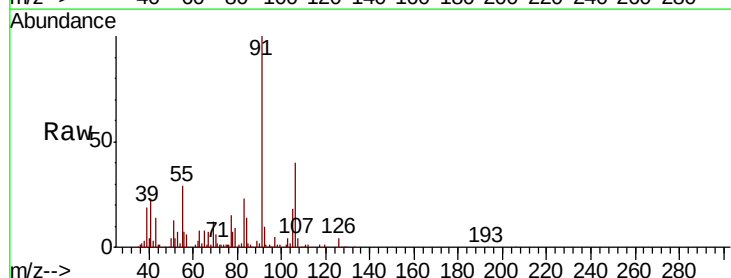
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
SV-1
Acq: 19 Apr 2022 15:55

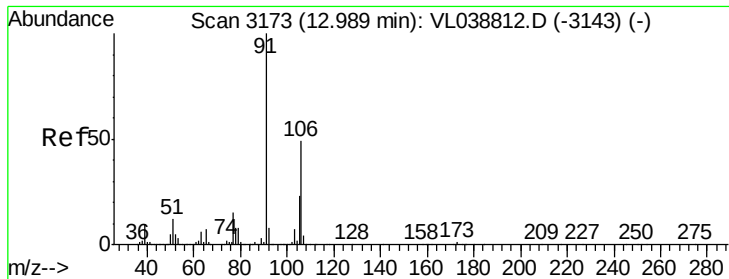
Tot Ion:117 Resp: 2436978
Ion Ratio Lower Upper
117 100
82 73.4 53.0 79.6
119 34.8 24.9 37.3



#58
Ethyl Benzene
Concen: 0.478 ppbv
RT: 12.97 min Scan# 3168
Delta R.T.: 0.27 min
Lab File: VL038951.D
Acq: 19 Apr 2022 15:53

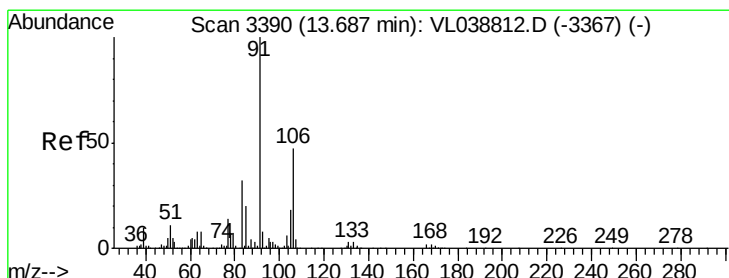
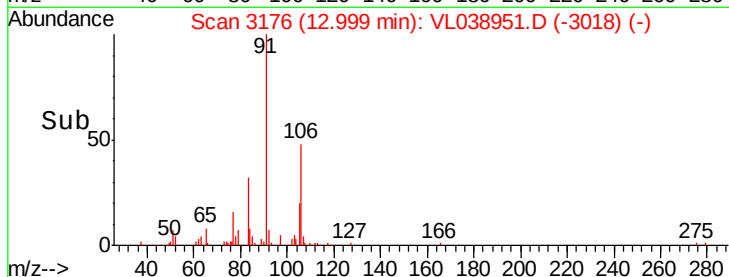
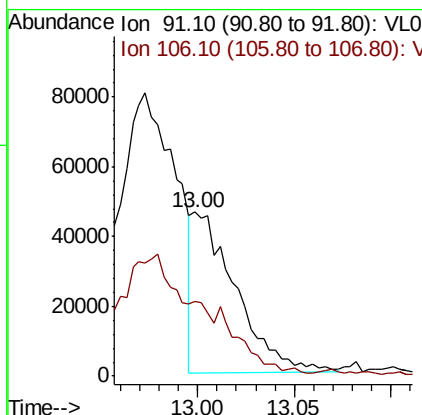
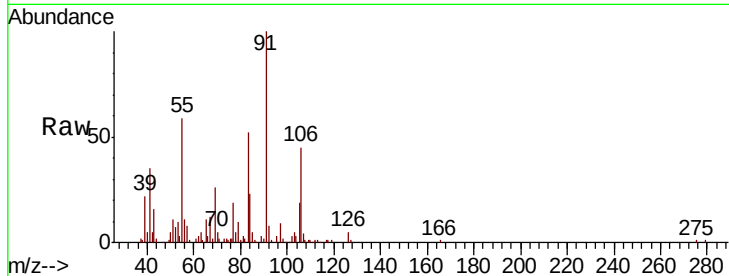
Tgt Ion: 91 Resp: 174230
Ion Ratio Lower Upper
91 100
106 39.5 26.7 40.1





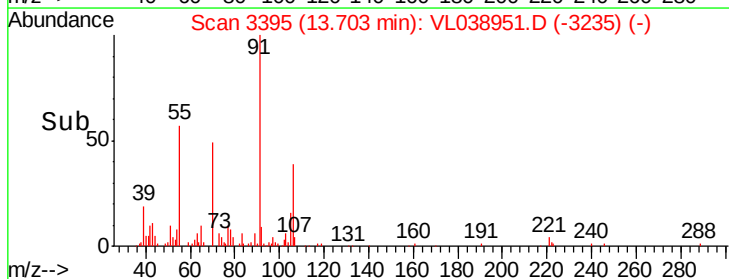
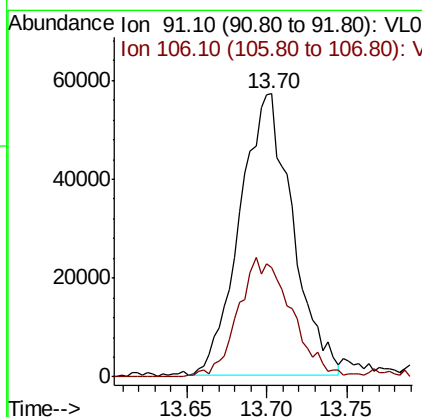
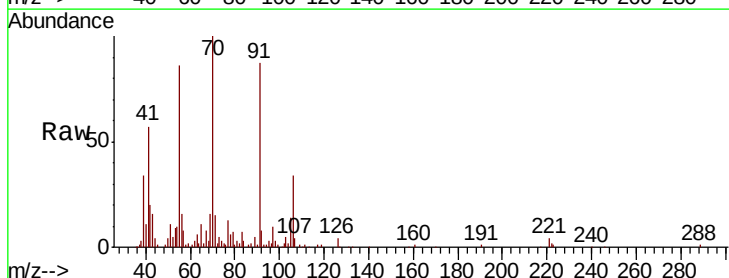
#59
m/p-Xylene
Concen: 0.235 ppbv
RT: 13.00
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
SV-1
Acq: 19 Apr 2022 15:55

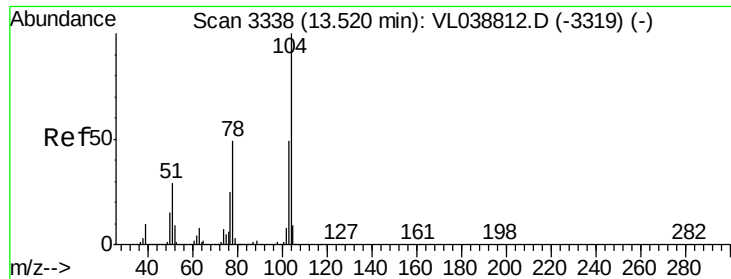
Tot Ion: 91 Resp: 71794
Ion Ratio Lower Upper
91 100
106 0.0 37.1 55.7#



#60
o-Xylene
Concen: 0.448 ppbv
RT: 13.70 min Scan# 3395
Delta R.T. 0.02 min
Lab File: VL038951.D
Acq: 19 Apr 2022 15:53

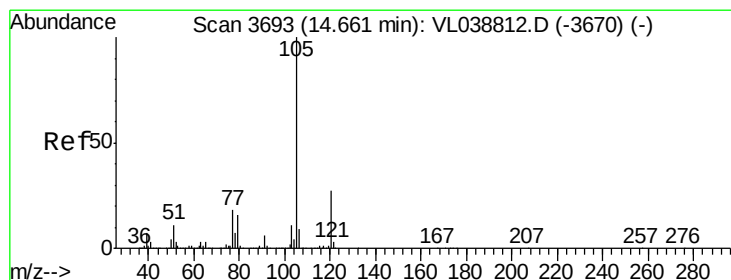
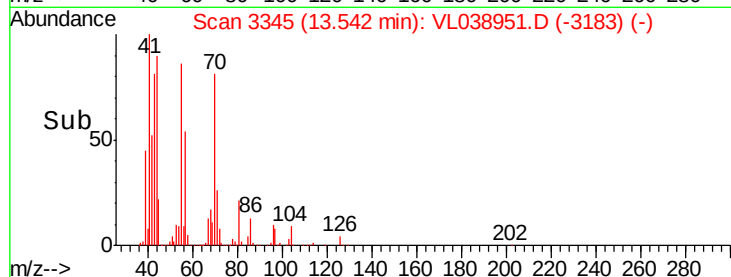
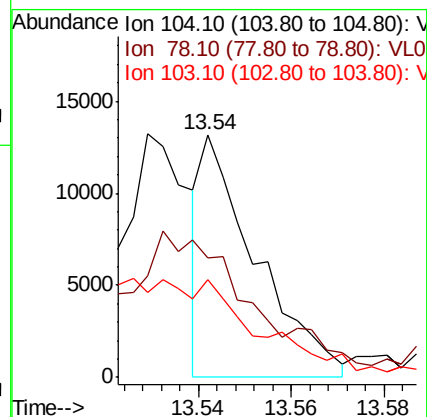
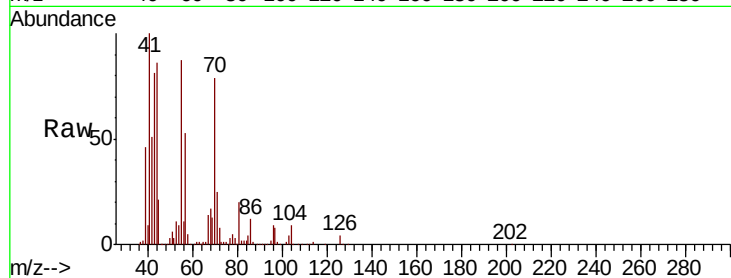
Tgt Ion: 91 Resp: 128201
Ion Ratio Lower Upper
91 100
106 42.9 23.8 71.4





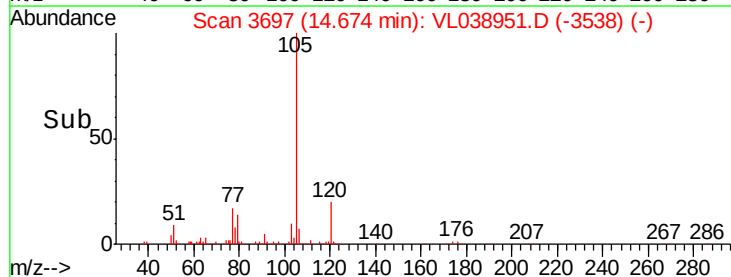
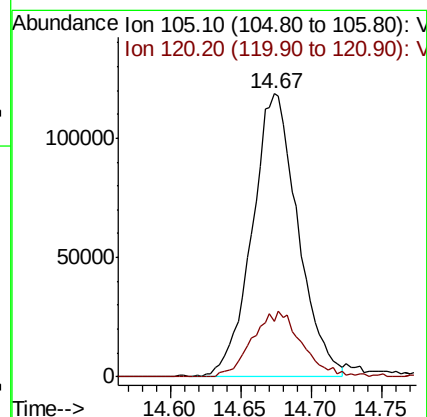
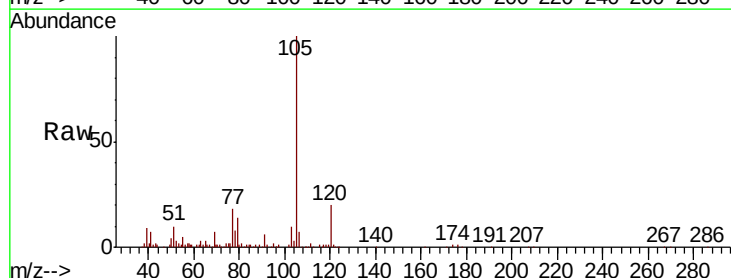
#61
Stvrene
Concen: 0.062 ppbv
RT: 13.54 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : SV-1
Acq: 19 Apr 2022 15:55

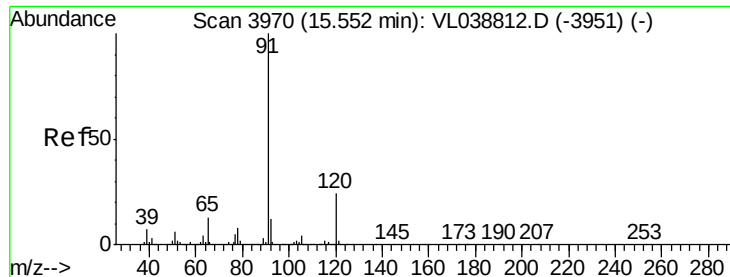
Tot Ion	Ratio	Lower	Upper
104	100		
78	0.0	40.5	60.7#
103	0.0	39.0	58.4#



#62
Isopropylbenzene
Concen: 0.626 ppbv
RT: 14.67 min Scan# 3697
Delta R.T. 0.01 min
Lab File: VL038951.D
Acq: 19 Apr 2022 15:53

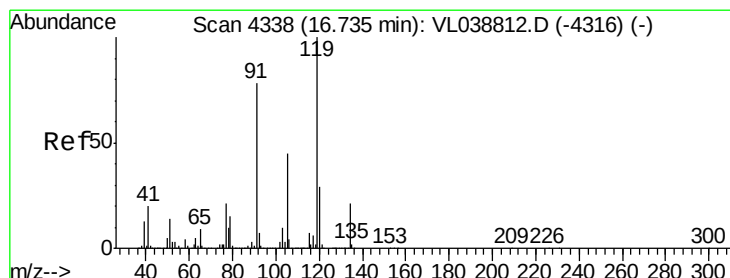
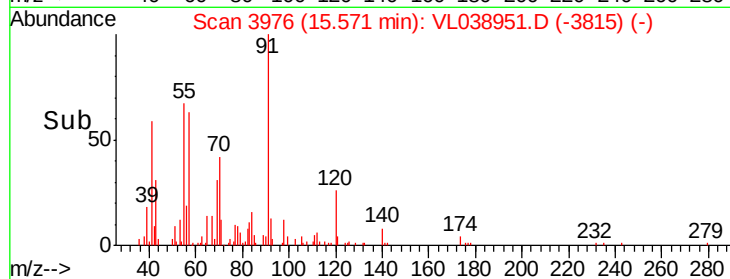
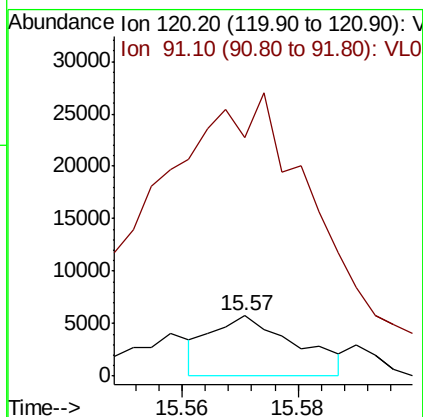
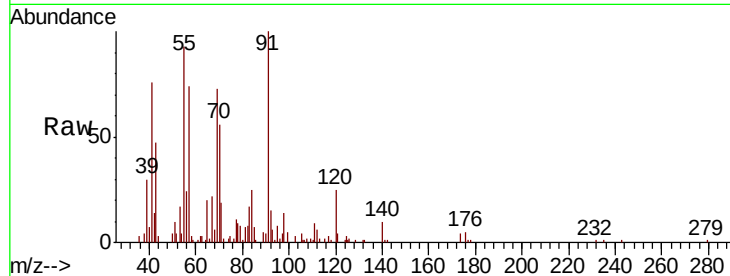
Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.3	21.8	32.8





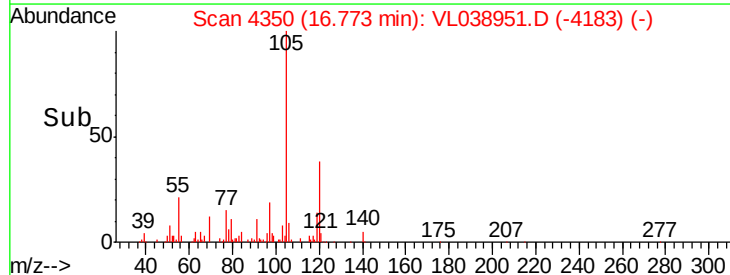
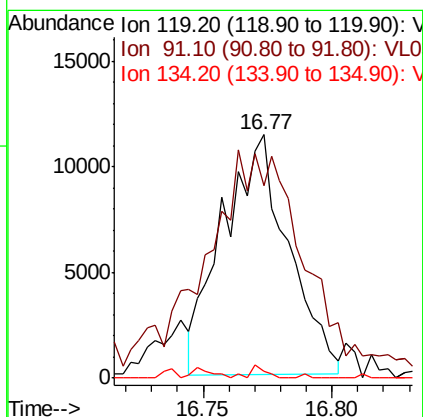
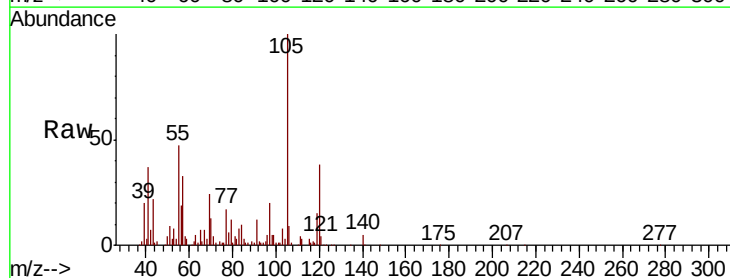
#64
n-propylbenzene
Concen: 0.053 ppbv
RT: 15.57 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : SV-1
Acq: 19 Apr 2022 15:55

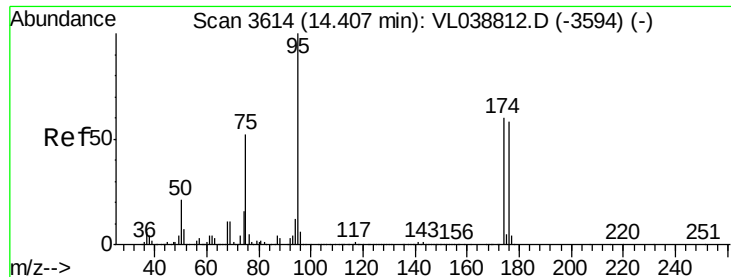
Tot Ion:120 Resp: 5896
Ion Ratio Lower Upper
120 100
91 1039.5 360.6 540.8#



#65
tert-Butylbenzene
Concen: 0.053 ppbv
RT: 16.77 min Scan# 4350
Delta R.T. 0.04 min
Lab File: VL038951.D
Acq: 19 Apr 2022 15:53

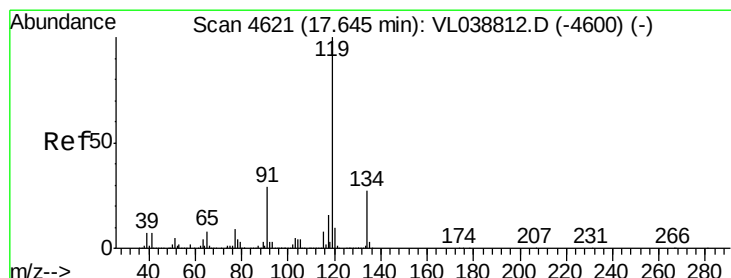
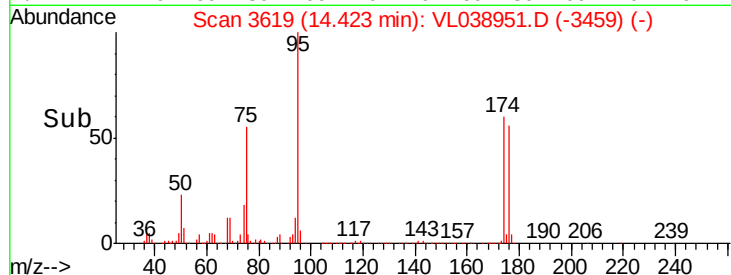
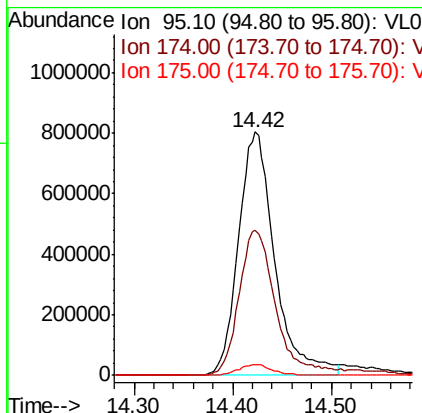
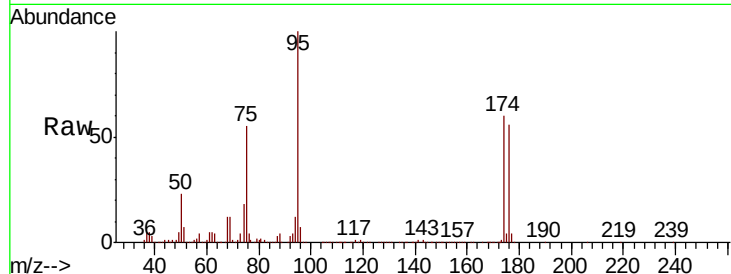
Tgt Ion:119 Resp: 20144
Ion Ratio Lower Upper
119 100
91 130.9 62.8 94.2#
134 3.4 16.2 24.4#





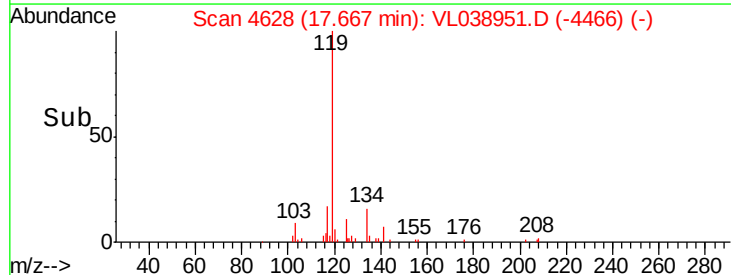
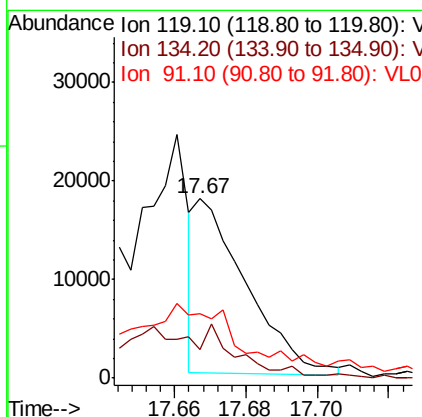
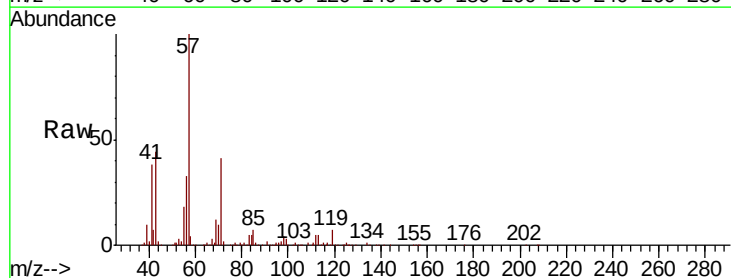
#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.054 ppbv
 RT: 14.42 min
 Delta R.T.: 0.02 min
 Lab File: VL038951.D
 Acq: 19 Apr 2022 15:53

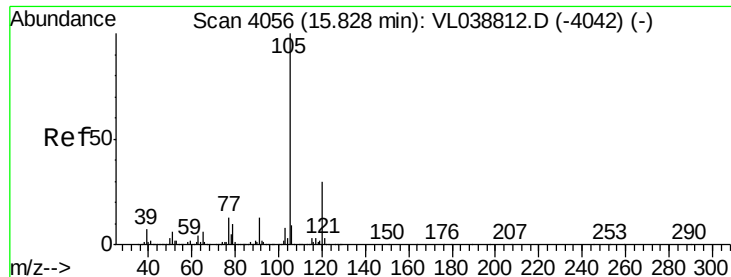
Tot Ion: 95 Resp: 2043341
 Ion Ratio Lower Upper
 95 100
 174 63.4 52.0 78.0
 175 4.4 4.0 6.0



#69
 p-Isopropyltoluene
 Concen: 0.040 ppbv
 RT: 17.67 min Scan# 4628
 Delta R.T.: 0.02 min
 Lab File: VL038951.D
 Acq: 19 Apr 2022 15:53

Tgt Ion: 119 Resp: 17473
 Ion Ratio Lower Upper
 119 100
 134 65.2 20.8 31.2#
 91 0.0 22.6 34.0#





#72

4-Ethyltoluene

Concen: 0.062 ppbv

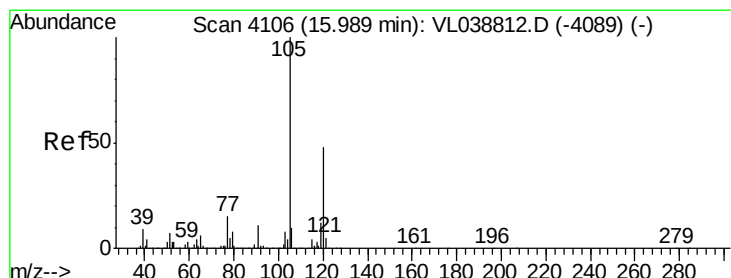
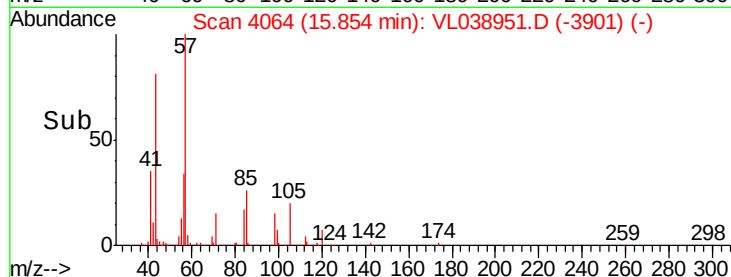
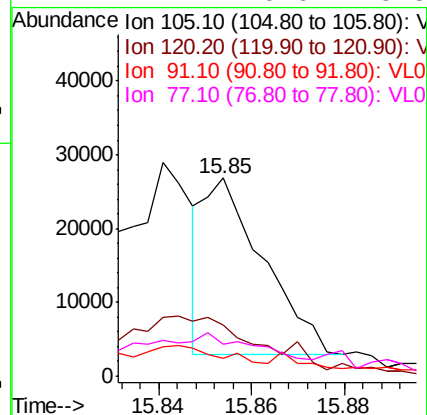
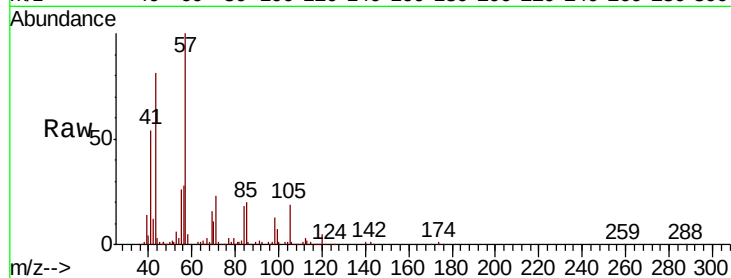
RT: 15.85

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Apr 2022 15:55

Tot Ion:	105	Resp:	21297
Ion Ratio	Lower	Upper	
105	100		
120	0.0	24.3	36.5#
91	0.0	9.4	14.2#
77	74.2	10.6	15.8#



#73

1,3,5-Trimethylbenzene

Concen: 0.184 ppbv

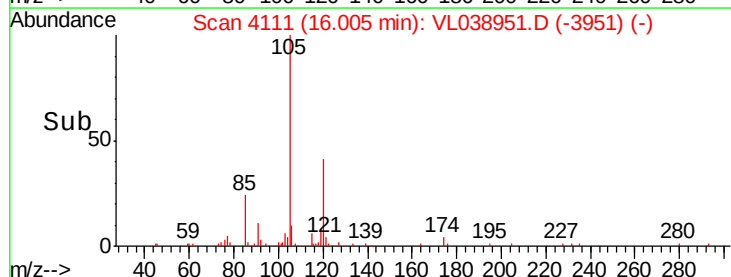
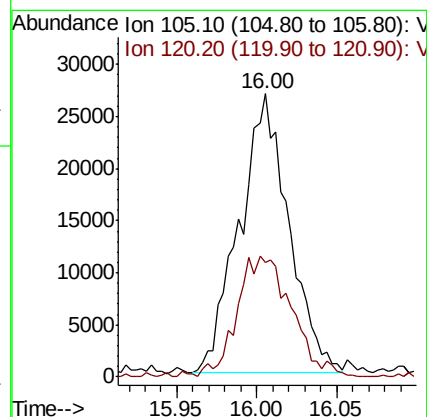
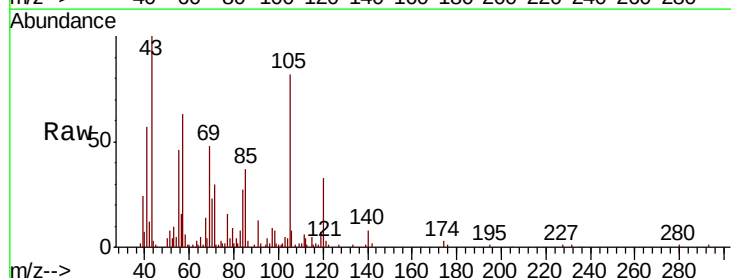
RT: 16.00 min Scan# 4111

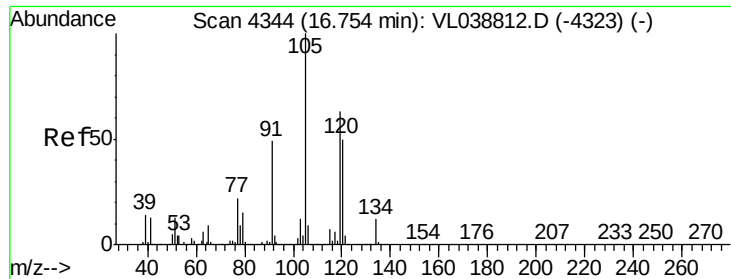
Delta R.T. 0.02 min

Lab File: VL038951.D

Acq: 19 Apr 2022 15:53

Tgt Ion:	105	Resp:	56597
Ion Ratio	Lower	Upper	
105	100		
120	40.0	38.7	58.1





#74

1,2,4-Trimethylbenzene

Concen: 0.350 ppbv

RT: 16.77 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

SV-1

Acq: 19 Apr 2022 15:55

Tot Ion:	105	Resp:	113658
Ion	Ratio	Lower	Upper
105	100		
120	37.5	39.8	59.8#
91	11.8	39.4	59.0#
77	15.3	17.3	25.9#

