

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012422\
 Data File : VL038272.D
 Acq On : 24 Jan 2022 23:03
 Operator : SY/AP
 Sample : N1244-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1

Quant Time: Jan 24 23:32:55 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	807460	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1994209	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1786255	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1352112	9.97	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.70%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.06	85	61068	0.355	ppbv	97
4) Chloromethane	3.15	50	18612	0.337	ppbv	100
9) Propene	3.21	41	192063	3.670	ppbv	87
10) Heptane	8.13	43	380162	2.824	ppbv	100
11) Trichlorofluoromethane	3.97	101	9640	0.072	ppbv	93
12) 1,1,2-Trichlorotrifluoroet	4.50	101	5549	0.055	ppbv	93
13) Ethanol	3.62	45	6164465	1097.379	ppbv	98
15) Acetone	3.86	43	4211410	59.166	ppbv	100
16) 1,3-Butadiene	3.32	39	22327	0.437	ppbv #	10
17) tert-Butyl alcohol	4.32	59	76463	0.979	ppbv	98
19) Isopropyl Alcohol	3.99	45	74098	1.664	ppbv #	1
20) Methylene Chloride	4.37	84	103108	2.491	ppbv	92
21) Allyl Chloride	4.38	41	5181	0.082	ppbv #	1
23) Vinyl Acetate	5.08	43	68000	0.657	ppbv #	1
25) Ethyl Acetate	5.70	43	380956	1.912	ppbv #	79
26) Hexane	5.71	57	520986	5.620	ppbv #	45
27) Carbon Disulfide	4.57	76	12706	0.117	ppbv #	63
28) Methyl tert-Butyl Ether	5.05	73	4013	0.042	ppbv #	53
29) Chloroform	5.77	83	58679	0.388	ppbv	98
30) Cyclohexane	7.14	84	11509	0.143	ppbv #	1
34) 2-Butanone	5.26	43	124873	1.915	ppbv	97
36) Benzene	6.90	78	229192	1.299	ppbv	96
39) 1,2-Dichloropropane	7.19	63	535050	7.482	ppbv #	25
40) 1,4-Dioxane	7.85	88	1208	0.070	ppbv #	1
41) Tetrahydrofuran	6.07	42	5774	0.132	ppbv #	20
44) 2,2,4-Trimethylpentane	7.88	57	155045	0.499	ppbv #	75
50) 4-Methyl-2-Pentanone	8.75	43	86331	0.742	ppbv	95
51) 2-Hexanone	10.11	43	47750	0.932	ppbv #	31
52) Tetrachloroethene	11.24	164	1522506	25.043	ppbv	99
53) Toluene	9.82	91	2690048	13.778	ppbv	99
58) Ethyl Benzene	12.72	91	382803	1.458	ppbv	93
59) m/p-Xylene	12.97	91	1062857	4.745	ppbv	97
60) o-Xylene	13.70	91	369100	1.772	ppbv	99
61) Styrene	13.53	104	3041	0.031	ppbv #	29
62) Isopropylbenzene	14.67	105	23787	0.086	ppbv #	49
64) n-propylbenzene	15.57	120	10255	0.154	ppbv #	1
65) tert-Butylbenzene	16.77	119	28758	0.126	ppbv #	51
69) p-Isopropyltoluene	17.66	119	10057	0.041	ppbv #	75
72) 4-Ethyltoluene	15.85	105	100547	0.462	ppbv	95
73) 1,3,5-Trimethylbenzene	16.00	105	49241	0.251	ppbv	96
74) 1,2,4-Trimethylbenzene	16.77	105	267374	1.295	ppbv #	74

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QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration

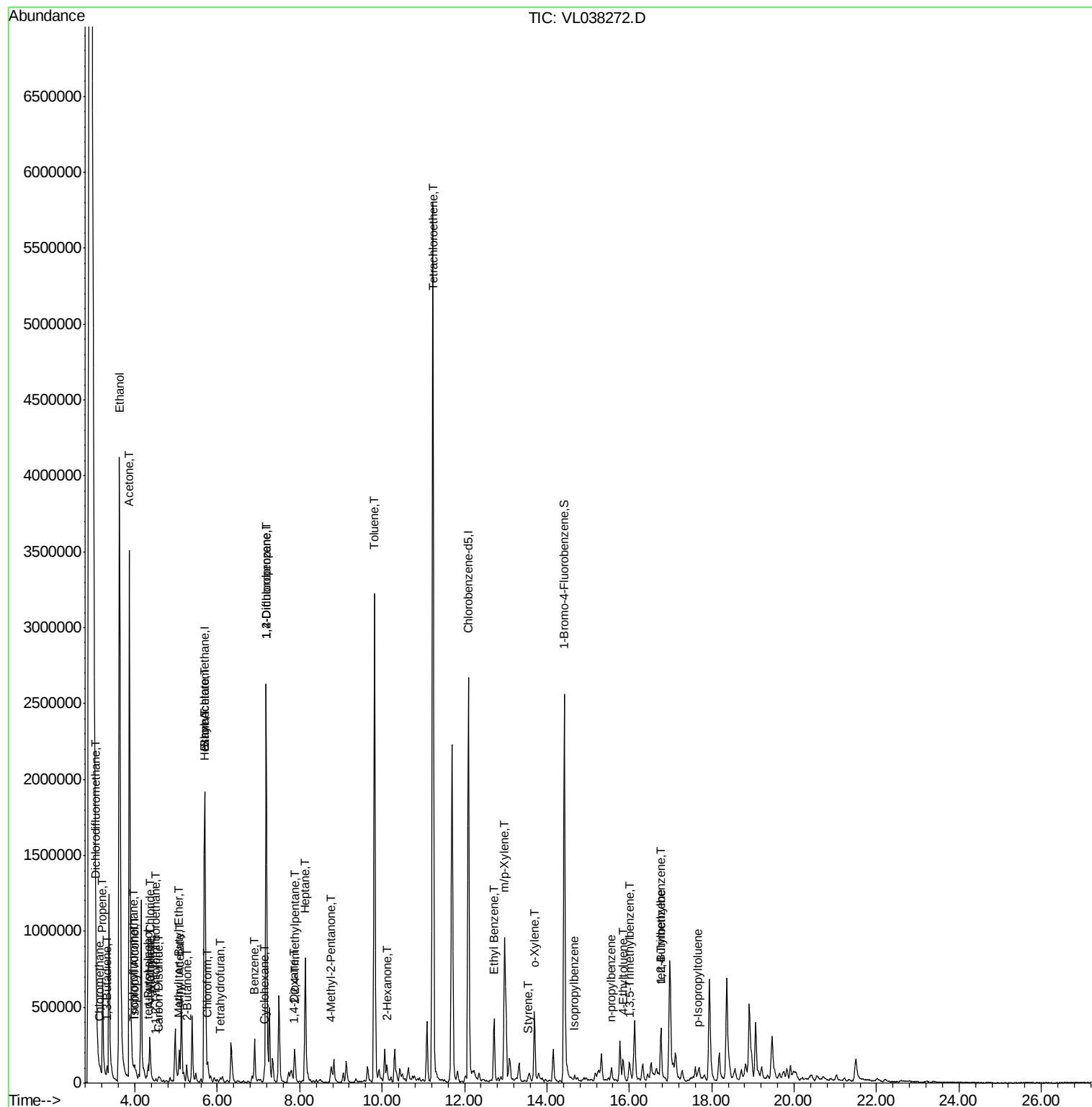
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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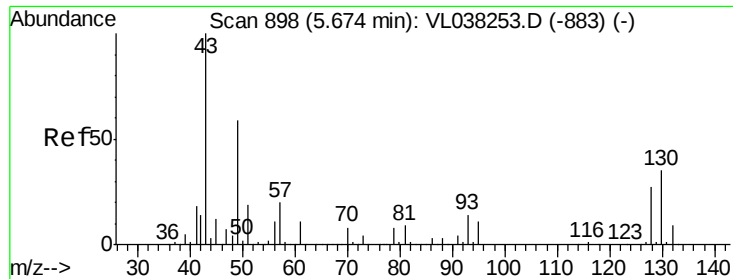
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: SG-1

Acq: 24 Jan 2022 23:03

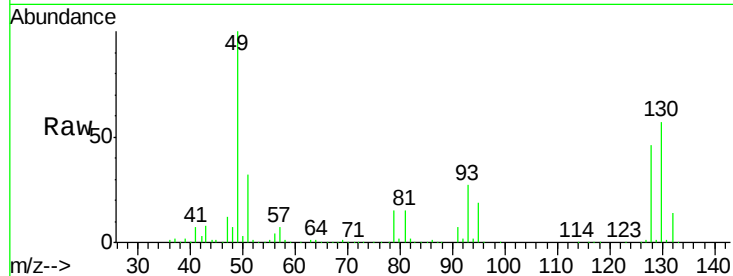
Tgt Ion: 49 Resp: 807460

Ion Ratio Lower Upper

49 100

128 45.5 24.5 73.5

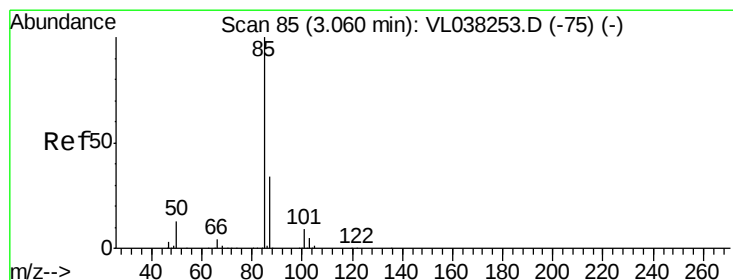
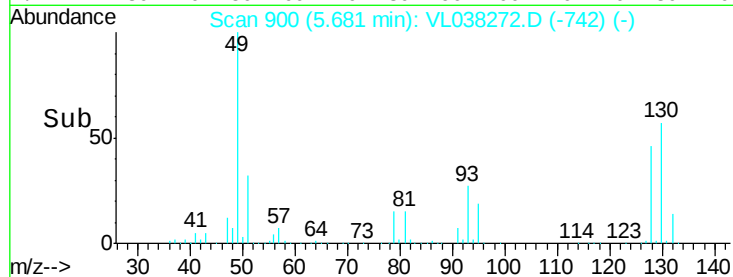
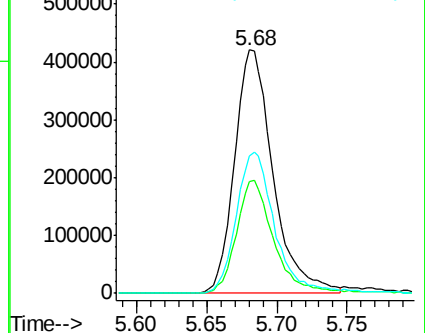
130 58.6 30.1 90.5



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: 0.355 ppbv

RT: 3.06 min Scan# 84

Delta R.T. -0.00 min

Lab File: VL038272.D

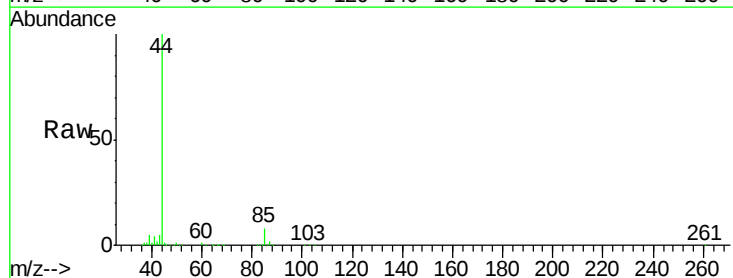
Acq: 24 Jan 2022 23:03

Tgt Ion: 85 Resp: 61068

Ion Ratio Lower Upper

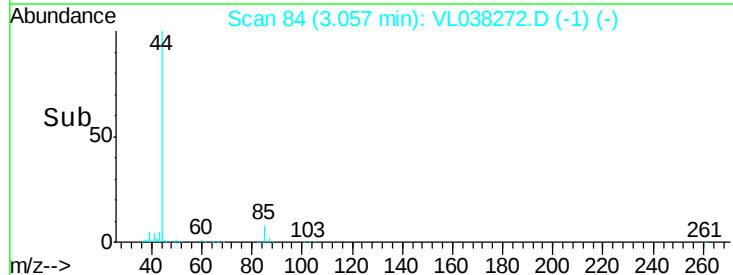
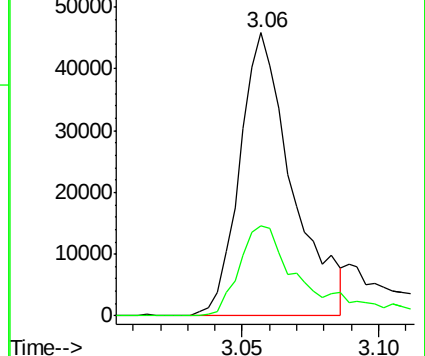
85 100

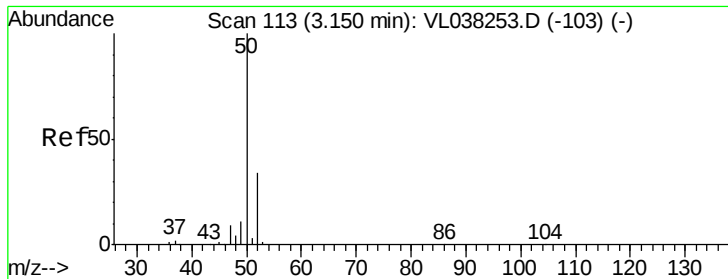
87 31.9 27.0 40.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#4

Chloromethane

Concen: 0.337 ppbv

RT: 3.15 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

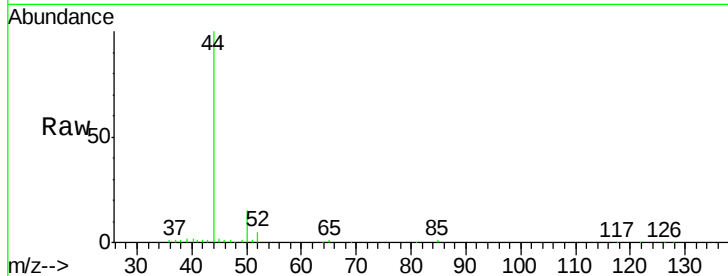
Acq: 24 Jan 2022 23:03

Tgt Ion: 50 Resp: 18612

Ion Ratio Lower Upper

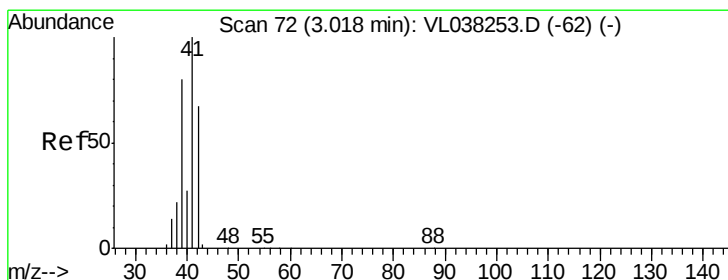
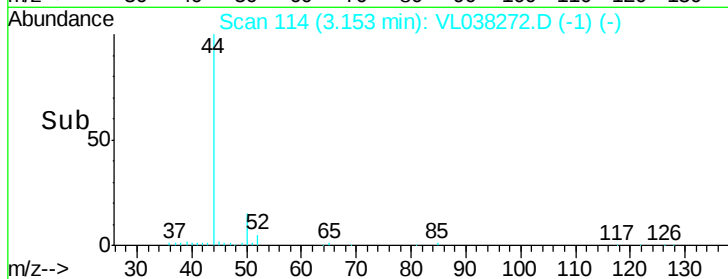
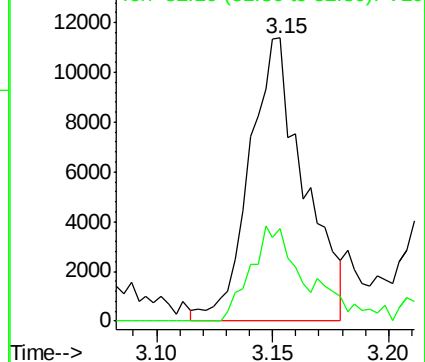
50 100

52 33.8 27.1 40.7



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0



#9

Propene

Concen: 3.670 ppbv

RT: 3.21 min Scan# 133

Delta R.T. 0.20 min

Lab File: VL038272.D

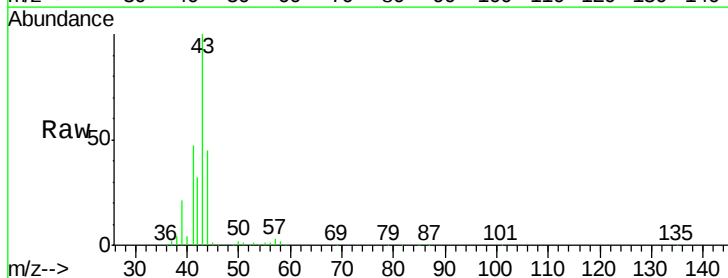
Acq: 24 Jan 2022 23:03

Tgt Ion: 41 Resp: 192063

Ion Ratio Lower Upper

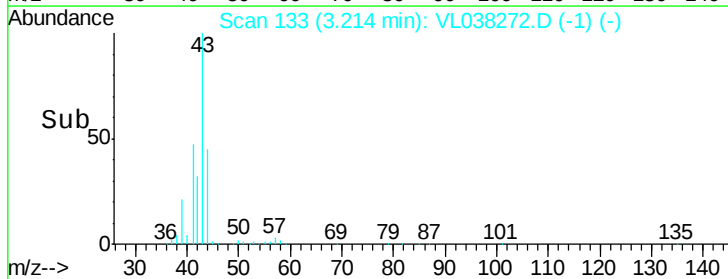
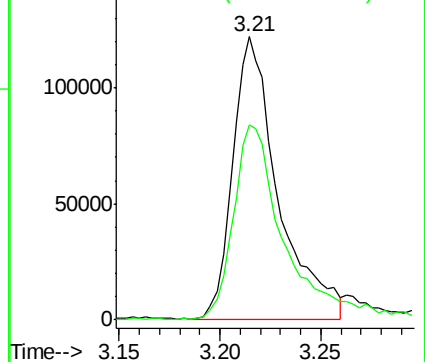
41 100

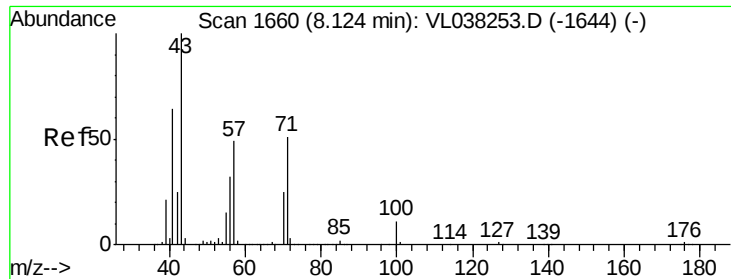
42 79.0 54.9 82.3



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#10

Heptane

Concen: 2.824 ppbv

RT: 8.13 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: SG-1

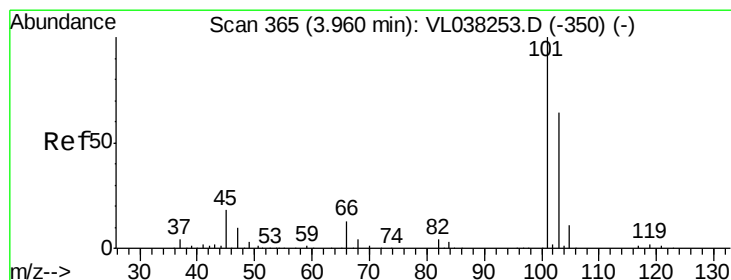
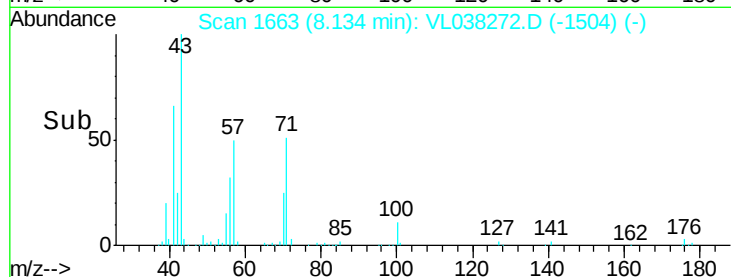
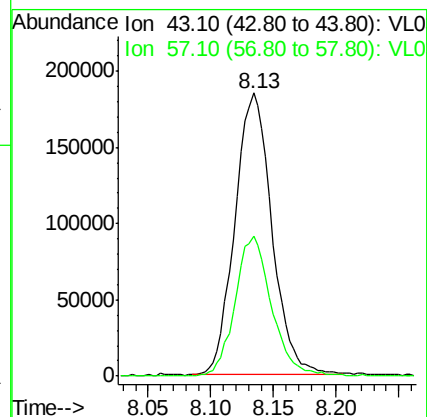
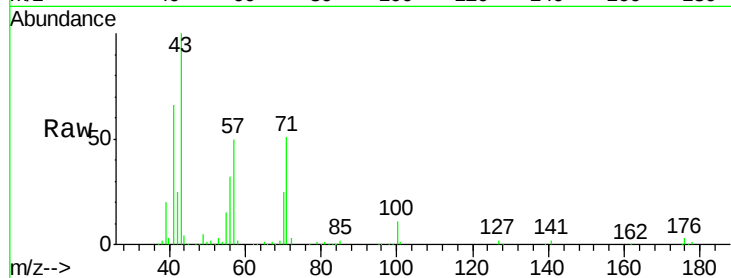
Acq: 24 Jan 2022 23:03

Tgt Ion: 43 Resp: 380162

Ion Ratio Lower Upper

43 100

57 49.4 39.5 59.3



#11

Trichlorofluoromethane

Concen: 0.072 ppbv

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VL038272.D

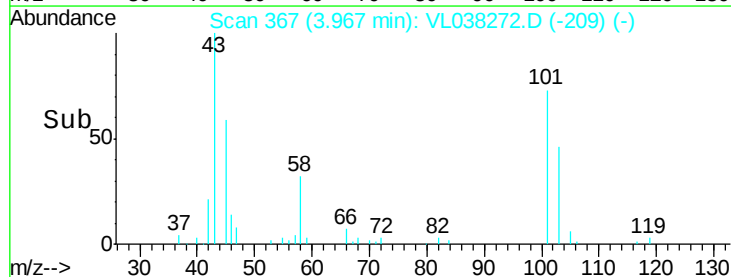
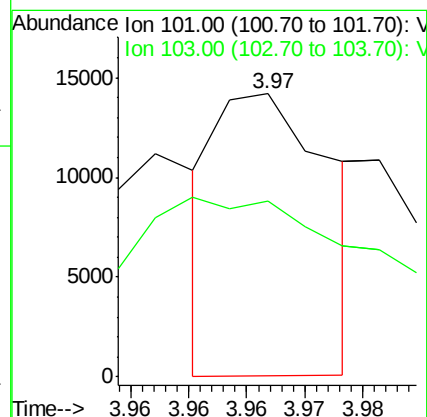
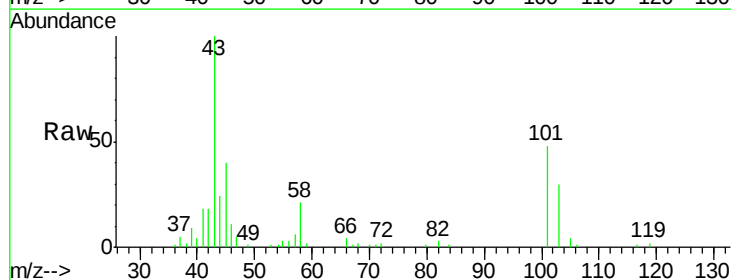
Acq: 24 Jan 2022 23:03

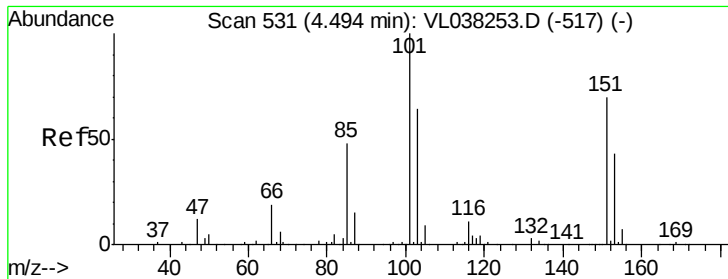
Tgt Ion: 101 Resp: 9640

Ion Ratio Lower Upper

101 100

103 58.3 51.2 76.8





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.055 ppbv

RT: 4.50 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

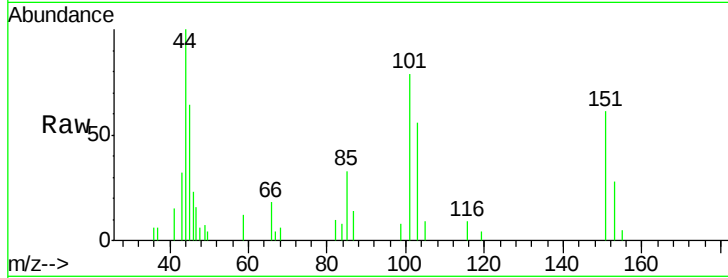
Acq: 24 Jan 2022 23:03 SG-1

Tgt Ion: 101 Resp: 5549

Ion Ratio Lower Upper

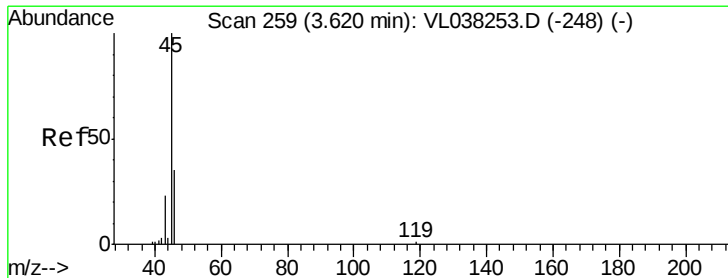
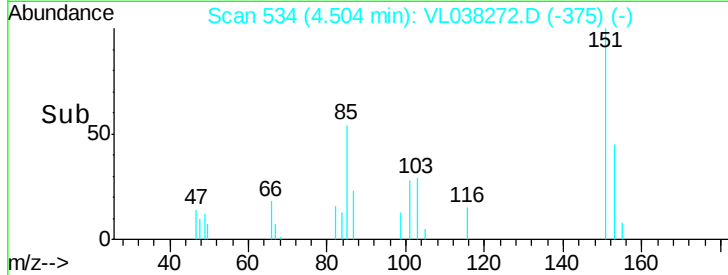
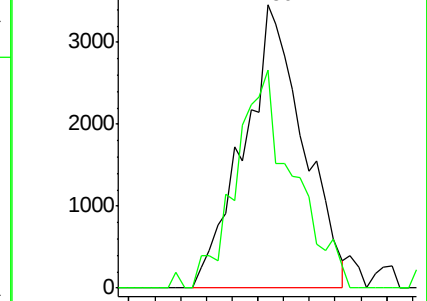
101 100

151 74.8 55.3 82.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V



#13

Ethanol

Concen: 1097.379 ppbv

RT: 3.62 min Scan# 260

Delta R.T. 0.00 min

Lab File: VL038272.D

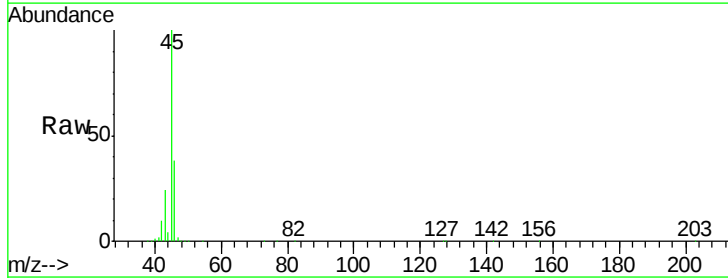
Acq: 24 Jan 2022 23:03

Tgt Ion: 45 Resp: 6164465

Ion Ratio Lower Upper

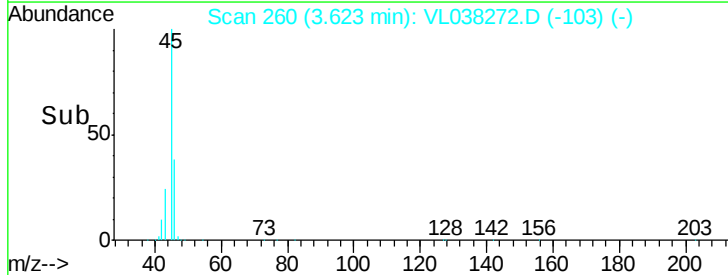
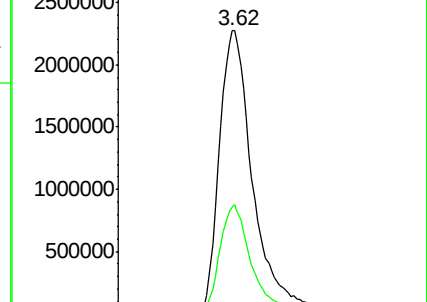
45 100

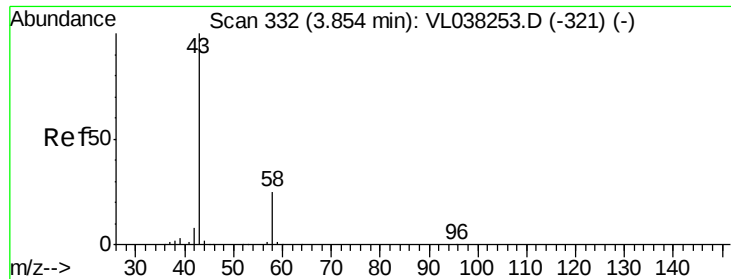
46 37.6 15.4 61.6



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 59.166 ppbv

RT: 3.86

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

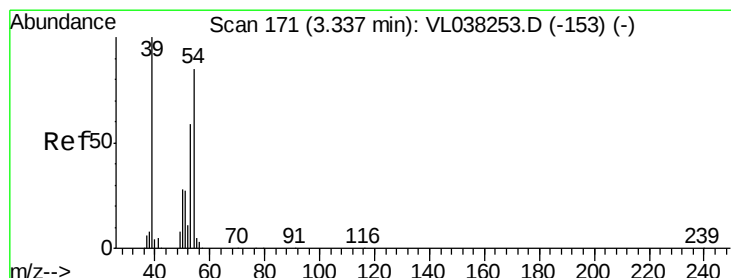
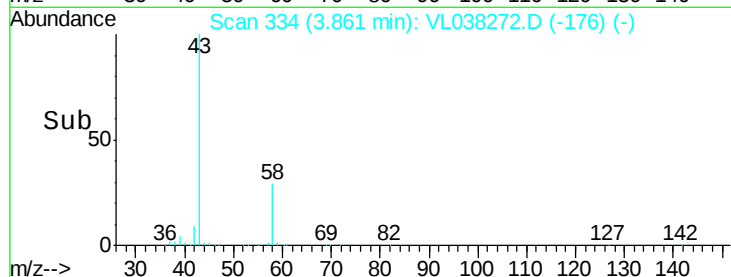
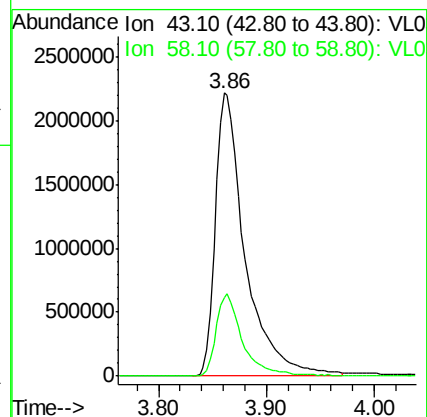
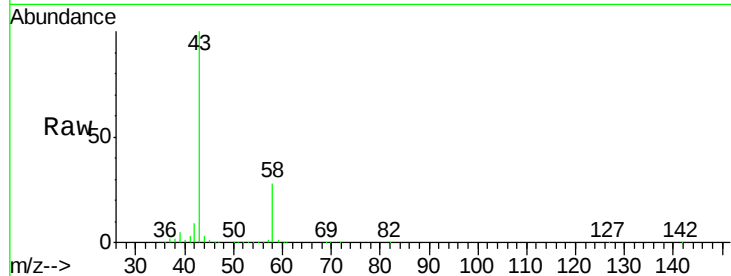
Acq: 24 Jan 2022 23:03

Tgt Ion: 43 Resp: 4211410

Ion Ratio Lower Upper

43 100

58 26.8 21.5 32.3



#16

1,3-Butadiene

Concen: 0.437 ppbv

RT: 3.32 min Scan# 165

Delta R.T. -0.02 min

Lab File: VL038272.D

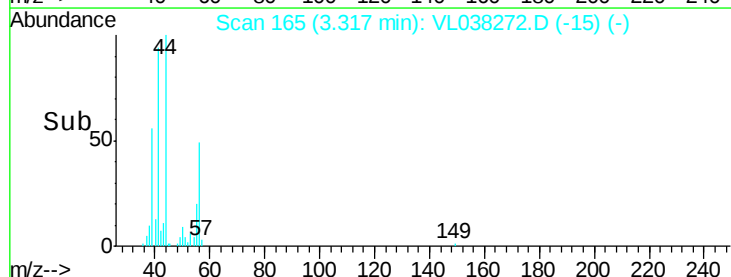
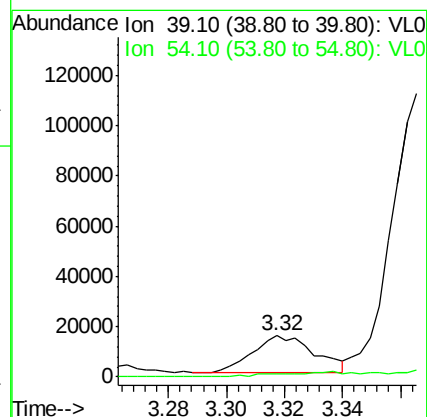
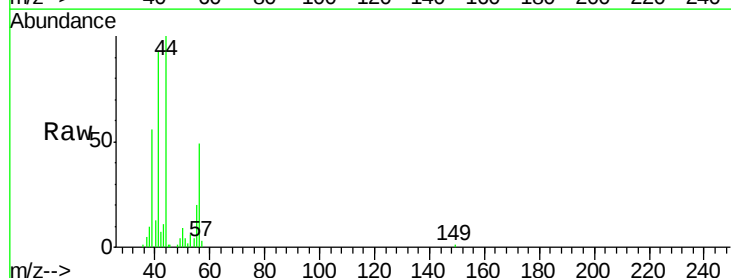
Acq: 24 Jan 2022 23:03

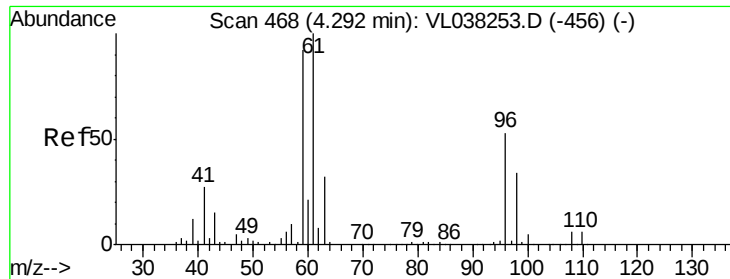
Tgt Ion: 39 Resp: 22327

Ion Ratio Lower Upper

39 100

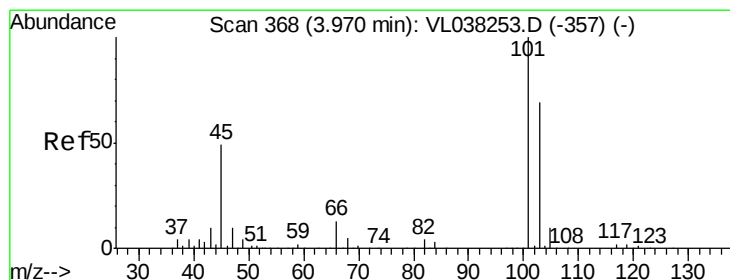
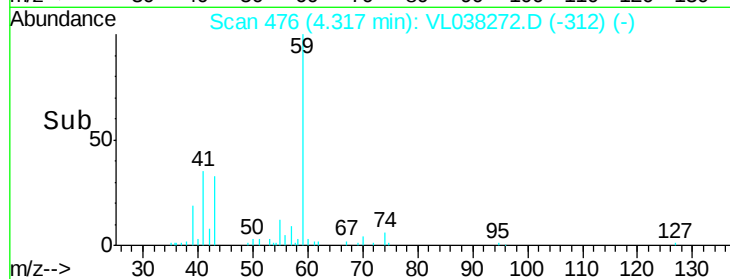
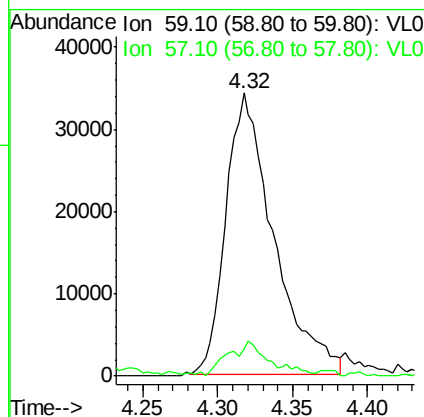
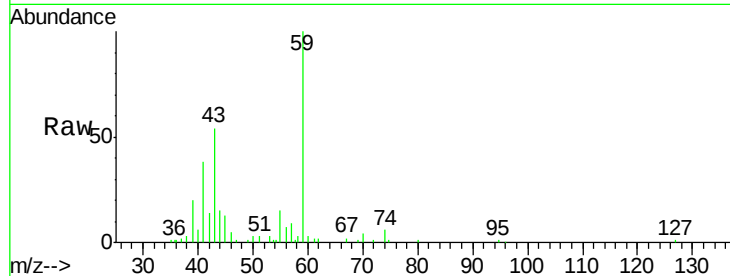
54 0.0 62.6 94.0#





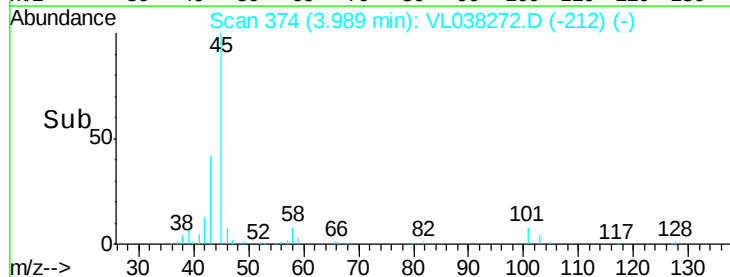
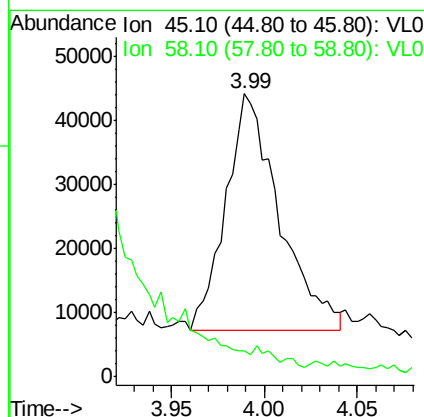
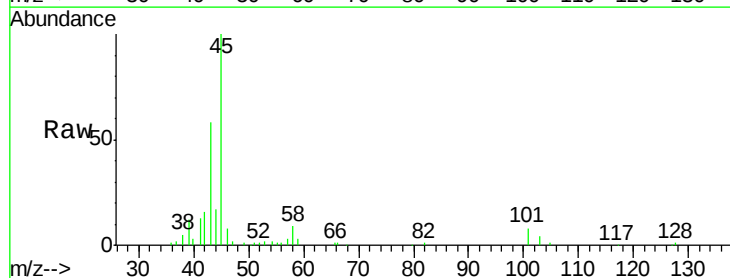
#17
 tert-Butyl alcohol
 Concen: 0.979 ppbv
 RT: 4.32
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 24 Jan 2022 23:03

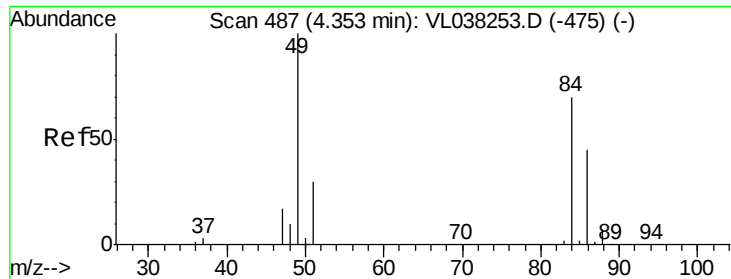
Tgt Ion: 59 Resp: 76463
 Ion Ratio Lower Upper
 59 100
 57 12.2 9.2 13.8



#19
 Isopropyl Alcohol
 Concen: 1.664 ppbv
 RT: 3.99 min Scan# 374
 Delta R.T. 0.02 min
 Lab File: VL038272.D
 Acq: 24 Jan 2022 23:03

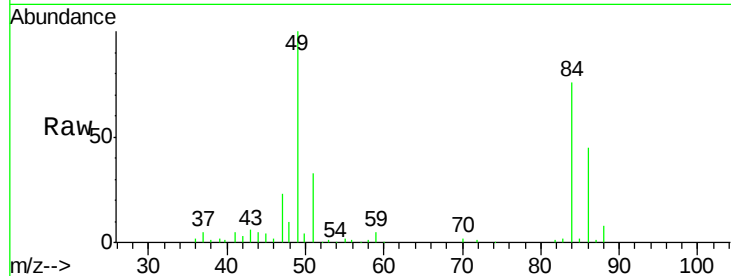
Tgt Ion: 45 Resp: 74098
 Ion Ratio Lower Upper
 45 100
 58 1520.9 2.3 3.5#



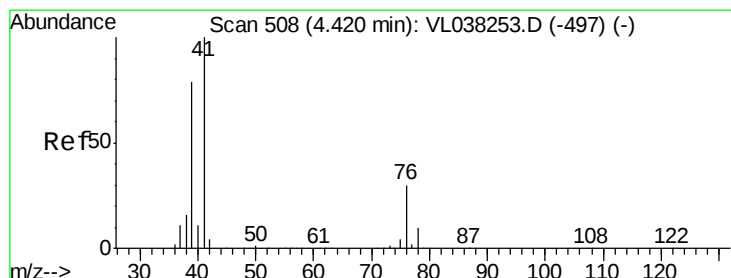
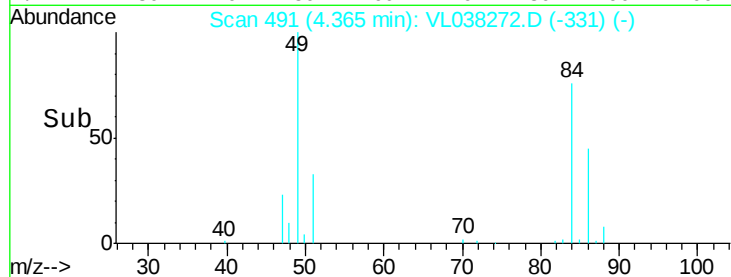
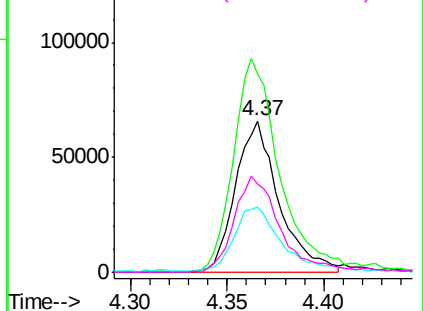


#20
Methylene Chloride
Concen: 2.491 ppbv
RT: 4.37
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Jan 2022 23:03

Tgt Ion:	84	Resp:	103108
Ion	Ratio	Lower	Upper
84	100		
49	130.8	115.0	172.6
51	42.0	35.0	52.6
86	58.4	51.4	77.0

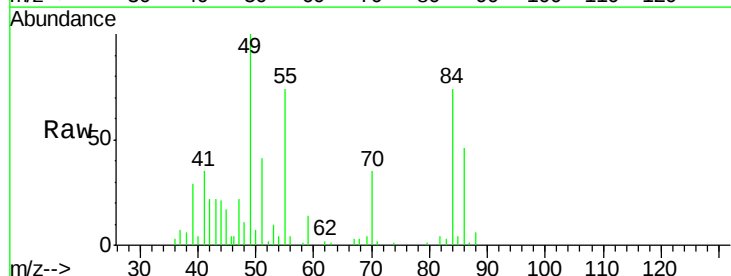


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

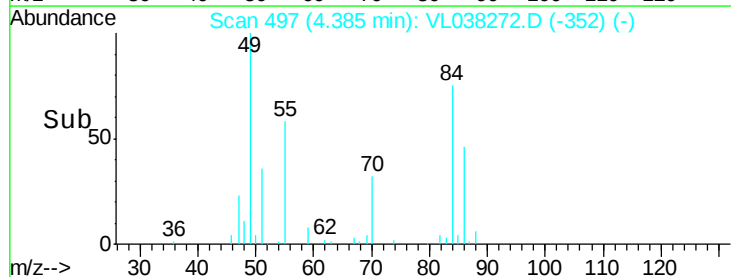
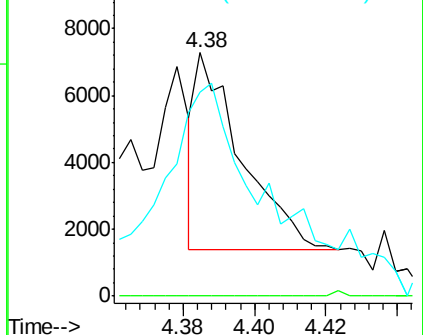


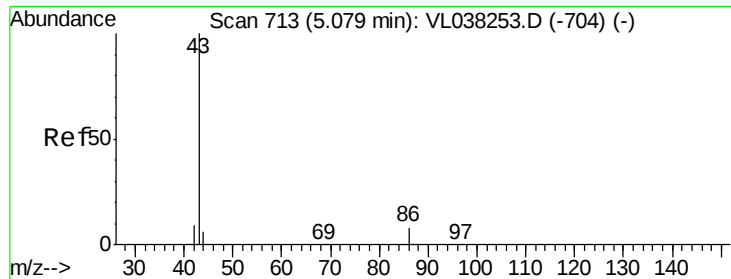
#21
Allyl Chloride
Concen: 0.082 ppbv
RT: 4.38 min Scan# 497
Delta R.T. -0.04 min
Lab File: VL038272.D
Acq: 24 Jan 2022 23:03

Tgt Ion:	41	Resp:	5181
Ion	Ratio	Lower	Upper
41	100		
76	0.0	25.0	37.6#
39	228.3	63.0	94.6#



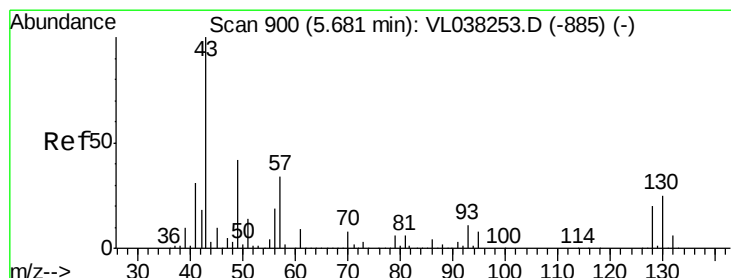
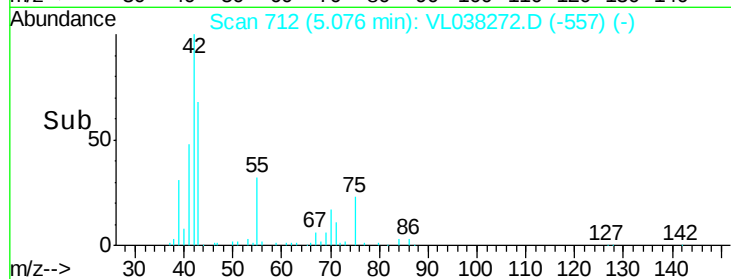
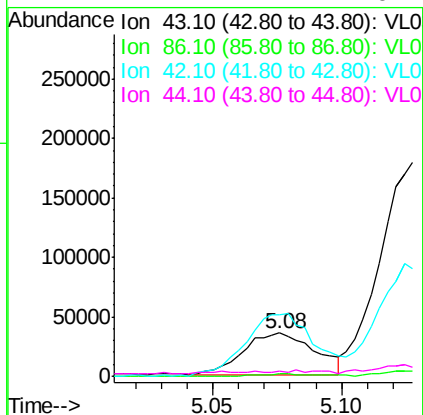
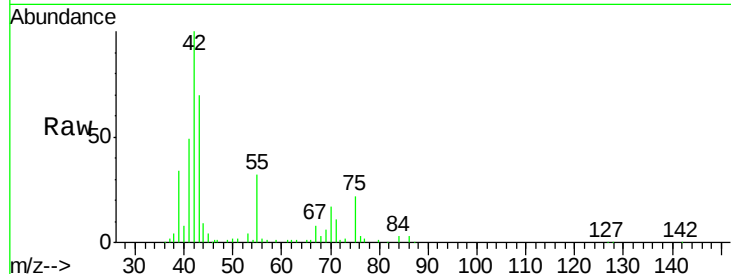
Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0





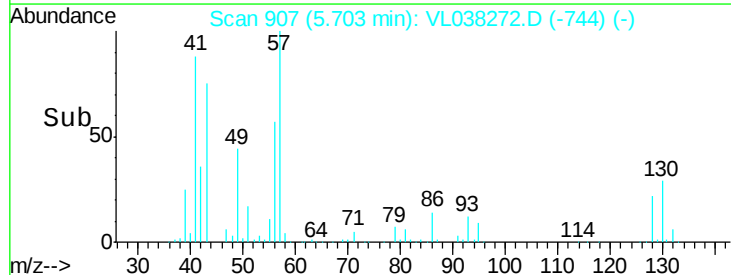
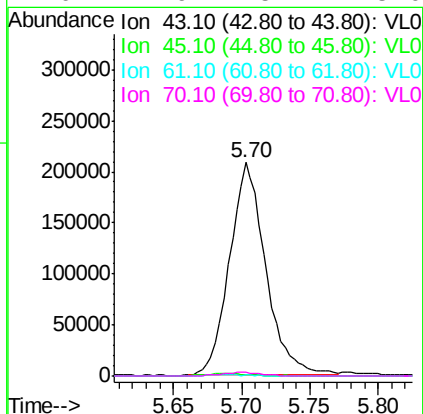
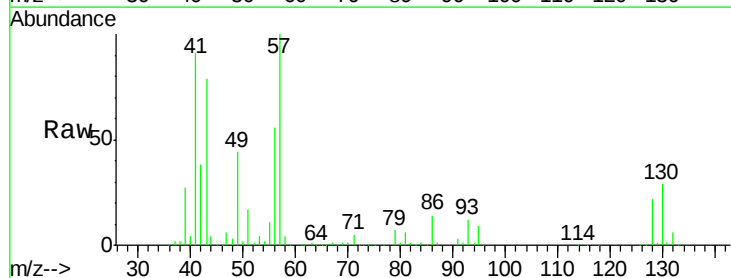
#23
 Vinyl Acetate
 Concen: 0.657 ppbv
 RT: 5.08
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 24 Jan 2022 23:03

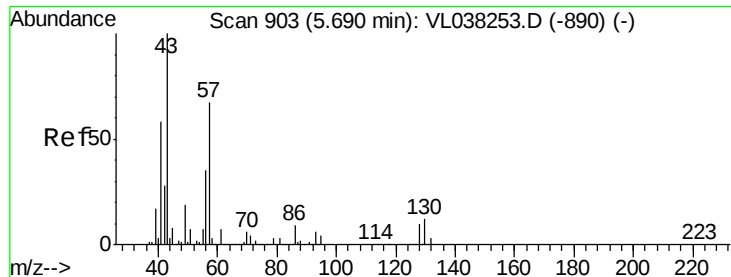
Tgt Ion:	43	Resp:	68000
Ion	Ratio	Lower	Upper
43	100		
86	5.1	5.7	8.5#
42	147.0	7.7	11.5#
44	7.4	4.2	6.4#



#25
 Ethyl Acetate
 Concen: 1.912 ppbv
 RT: 5.70 min Scan# 907
 Delta R.T. 0.02 min
 Lab File: VL038272.D
 Acq: 24 Jan 2022 23:03

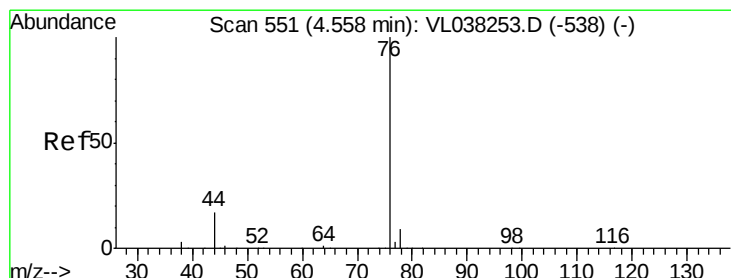
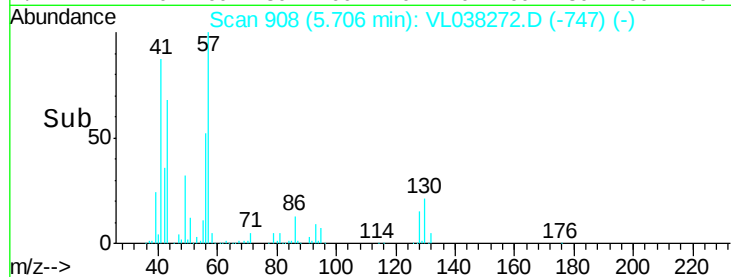
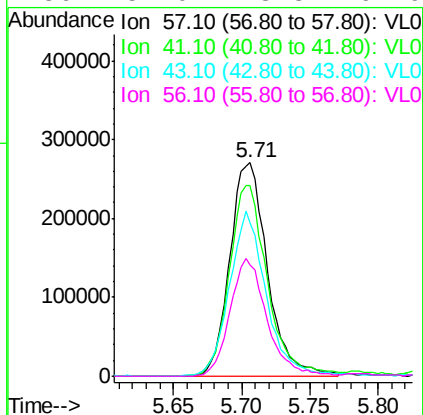
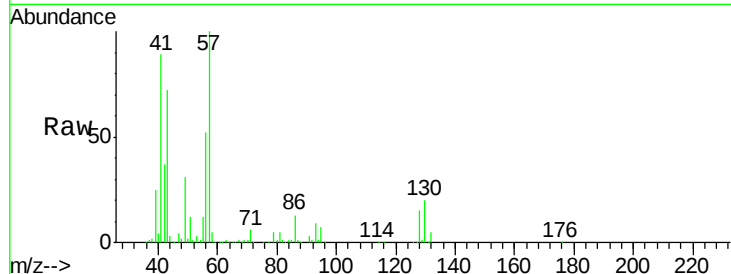
Tgt Ion:	43	Resp:	380956
Ion	Ratio	Lower	Upper
43	100		
45	1.5	7.9	11.9#
61	0.7	7.8	11.8#
70	1.9	5.4	8.0#





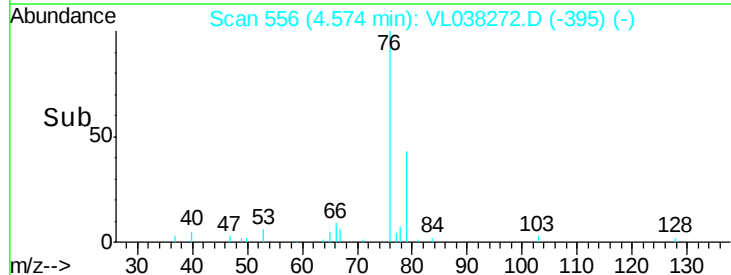
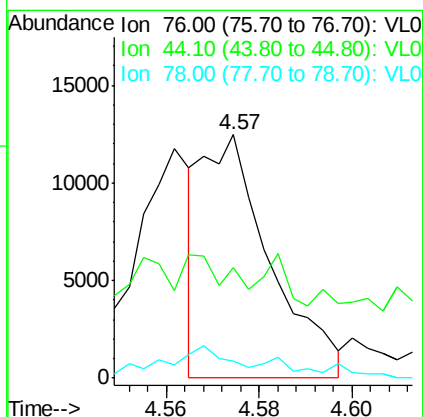
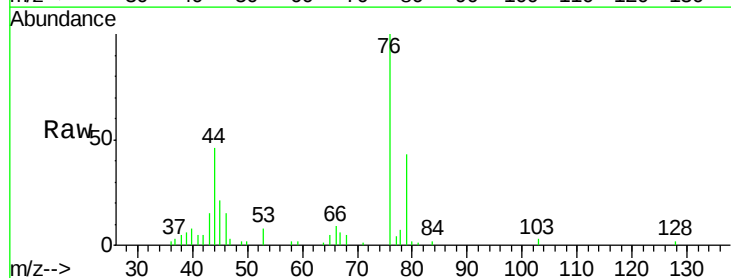
#26
Hexane
Concen: 5.620 ppbv
RT: 5.71
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Jan 2022 23:03

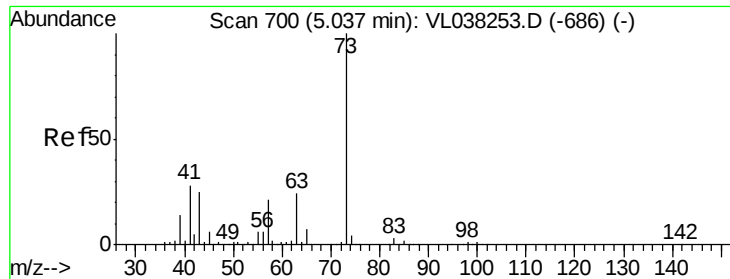
Tgt Ion:	57	Resp:	520986
Ion Ratio	Lower	Upper	
57	100		
41	90.3	72.8	109.2
43	74.9	177.0	265.6#
56	54.0	43.3	64.9



#27
Carbon Disulfide
Concen: 0.117 ppbv
RT: 4.57 min Scan# 556
Delta R.T. 0.02 min
Lab File: VL038272.D
Acq: 24 Jan 2022 23:03

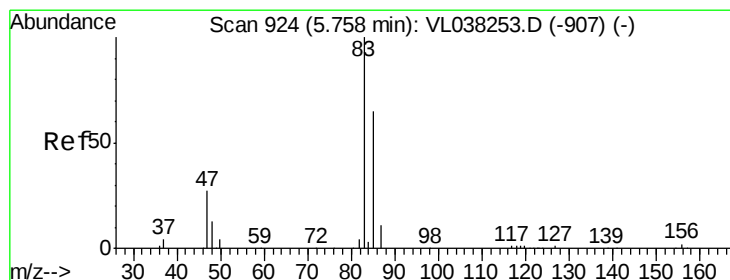
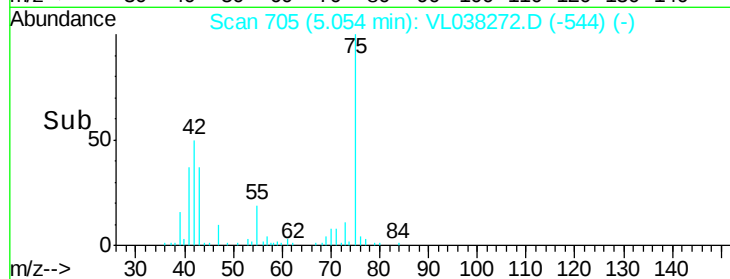
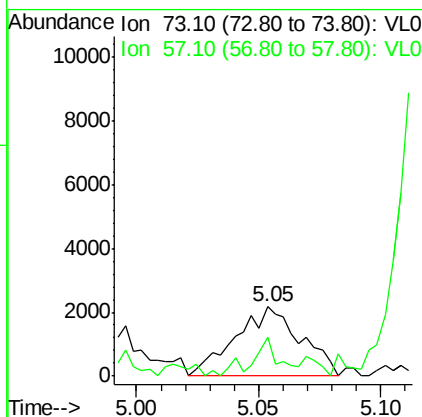
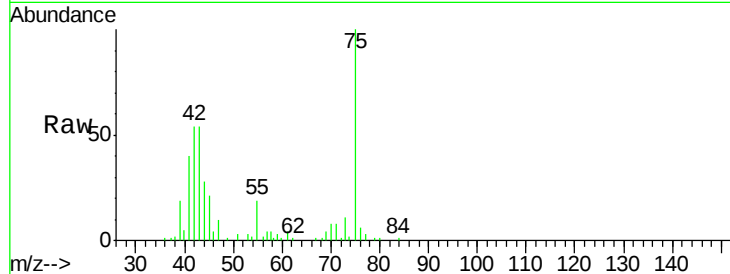
Tgt Ion:	76	Resp:	12706
Ion Ratio	Lower	Upper	
76	100		
44	0.0	14.8	22.2#
78	20.3	7.9	11.9#





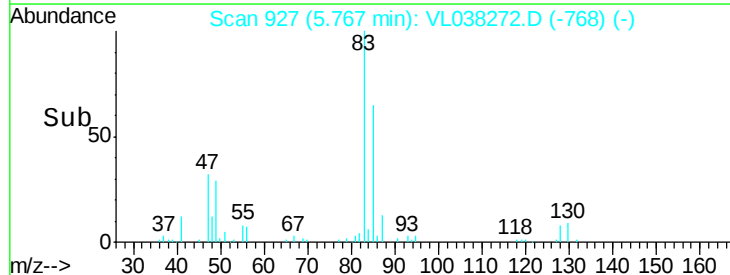
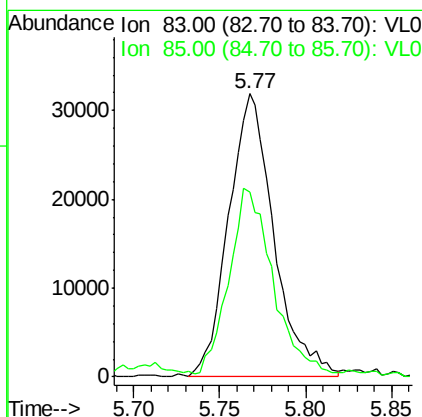
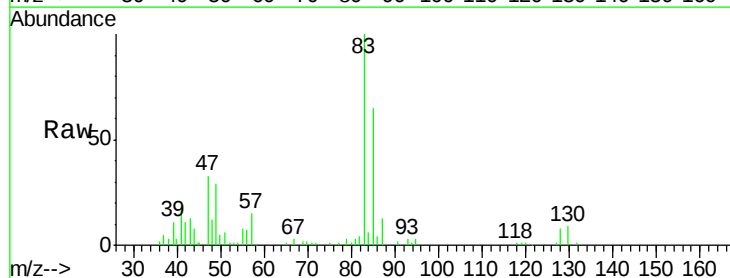
#28
Methyl tert-Butyl Ether
Concen: 0.042 ppbv
RT: 5.05
Delta R.T. MSVOA_L
Lab File: ClientSampleId : SG-1
Acq: 24 Jan 2022 23:03

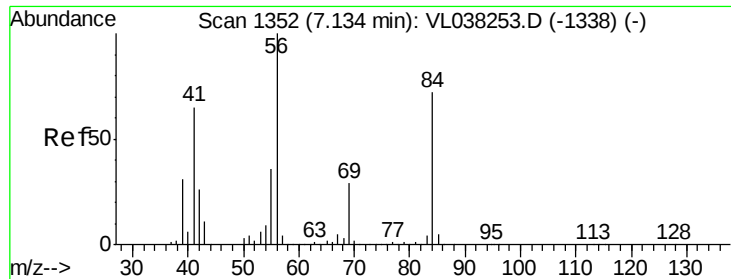
Tgt Ion: 73 Resp: 4013
Ion Ratio Lower Upper
73 100
57 0.0 18.2 27.4#



#29
Chloroform
Concen: 0.388 ppbv
RT: 5.77 min Scan# 927
Delta R.T. 0.01 min
Lab File: VL038272.D
Acq: 24 Jan 2022 23:03

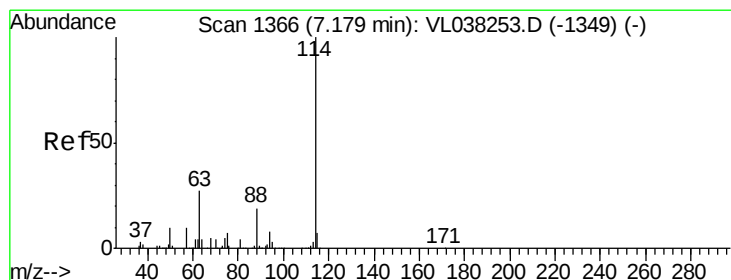
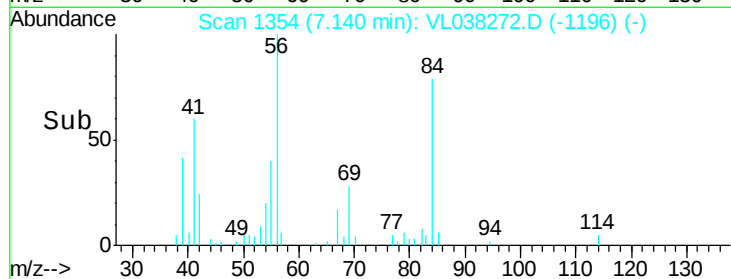
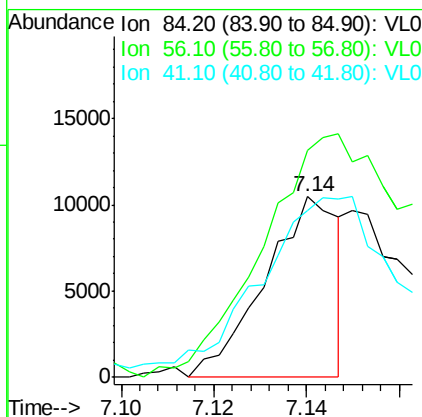
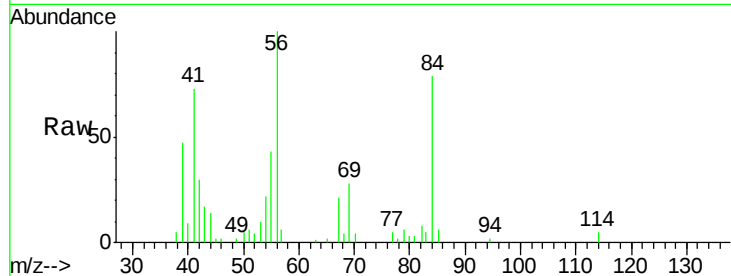
Tgt Ion: 83 Resp: 58679
Ion Ratio Lower Upper
83 100
85 63.5 51.9 77.9





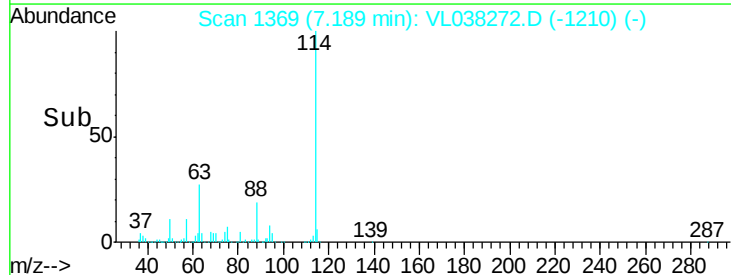
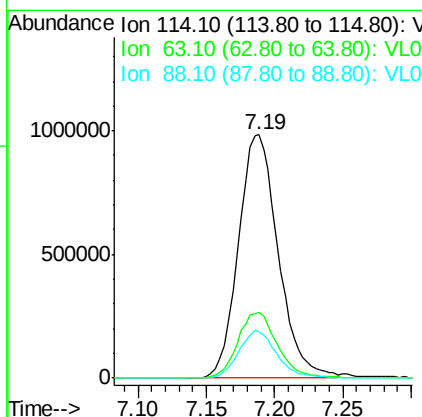
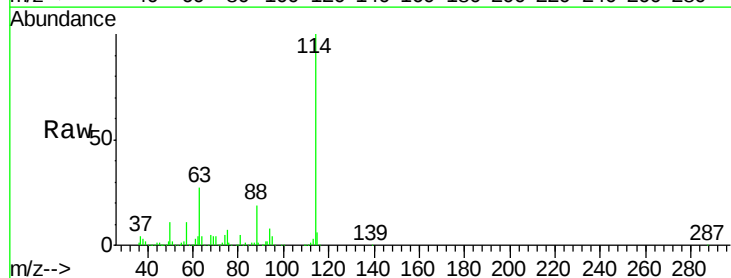
#30
Cyclohexane
Concen: 0.143 ppbv
RT: 7.14
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 24 Jan 2022 23:03

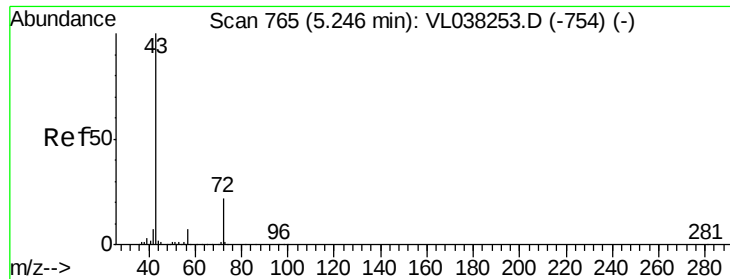
Tgt Ion: 84 Resp: 11509
Ion Ratio Lower Upper
84 100
56 0.0 112.7 169.1#
41 0.0 71.1 106.7#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T.: 0.01 min
Lab File: VL038272.D
Acq: 24 Jan 2022 23:03

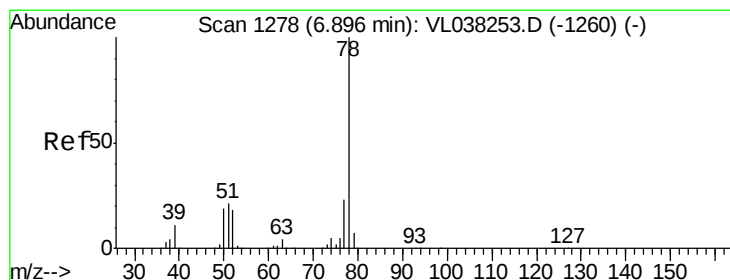
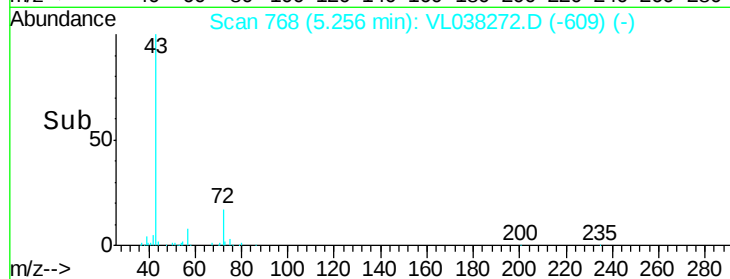
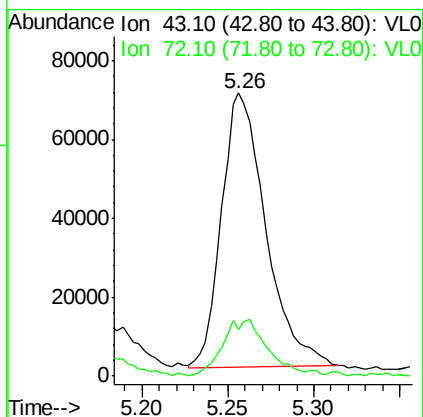
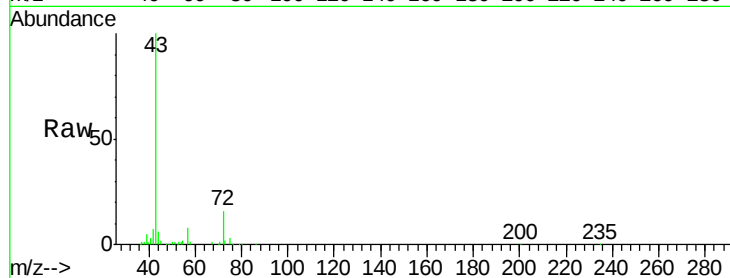
Tgt Ion: 114 Resp: 1994209
Ion Ratio Lower Upper
114 100
63 27.3 22.0 33.0
88 18.9 15.0 22.6





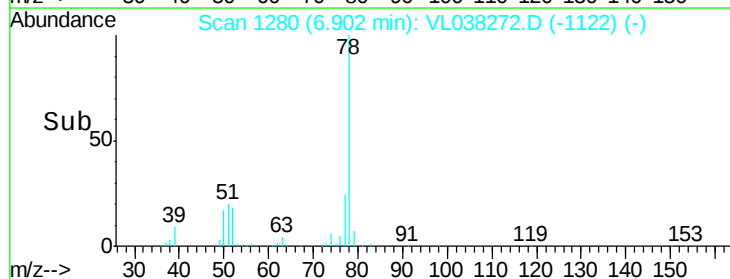
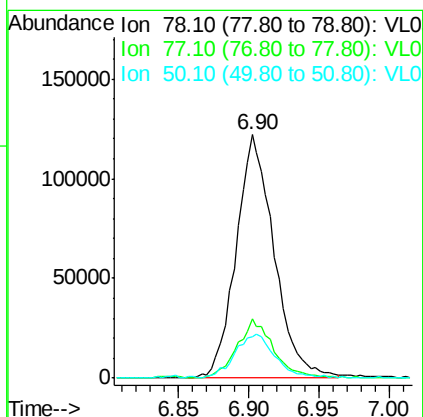
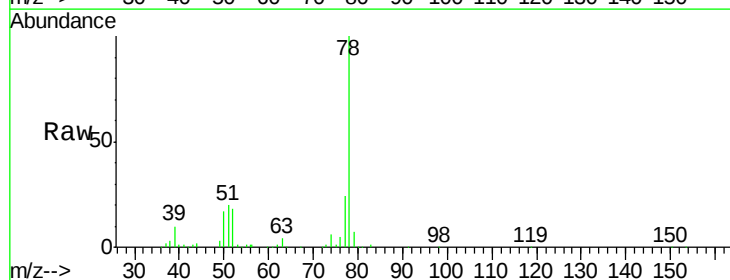
#34
 2-Butanone
 Concen: 1.915 ppbv
 RT: 5.26
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 24 Jan 2022 23:03

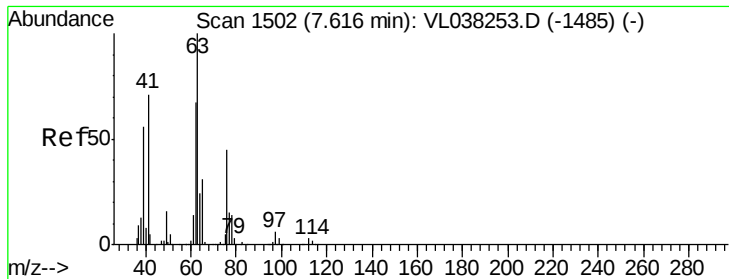
Tgt Ion: 43 Resp: 124873
 Ion Ratio Lower Upper
 43 100
 72 21.1 18.1 27.1



#36
 Benzene
 Concen: 1.299 ppbv
 RT: 6.90 min Scan# 1280
 Delta R.T. 0.01 min
 Lab File: VL038272.D
 Acq: 24 Jan 2022 23:03

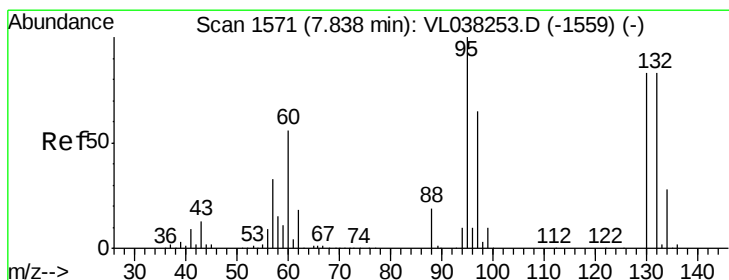
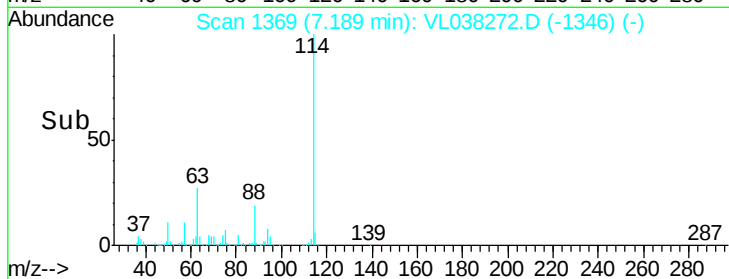
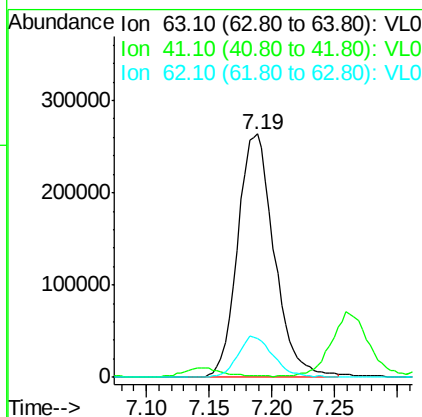
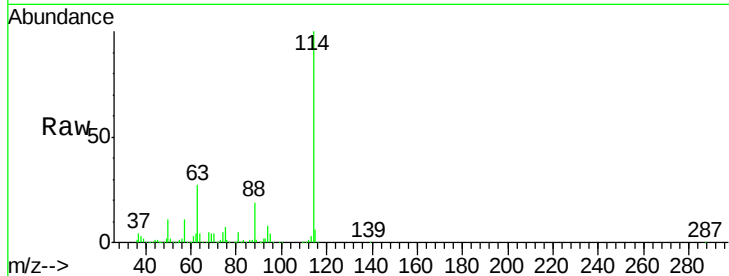
Tgt Ion: 78 Resp: 229192
 Ion Ratio Lower Upper
 78 100
 77 24.1 18.2 27.2
 50 17.0 15.1 22.7





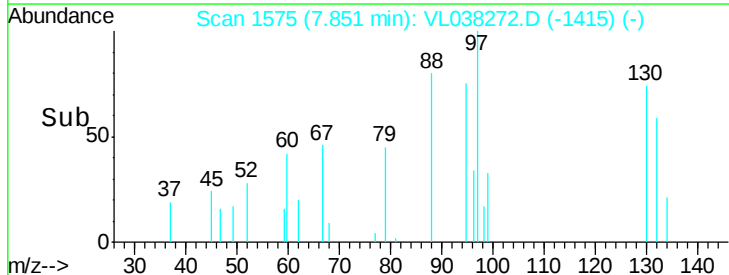
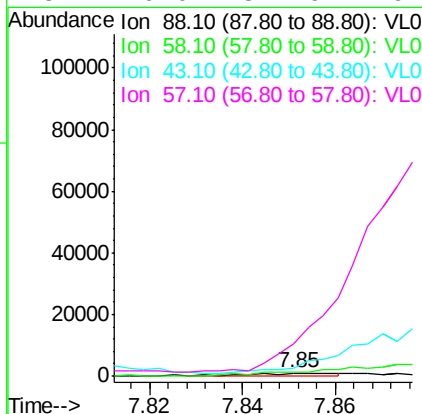
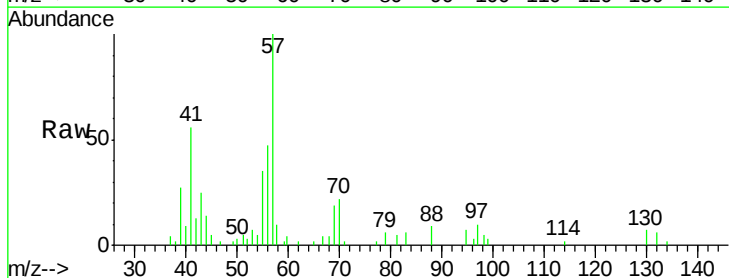
#39
 1,2-Dichloropropane
 Concen: 7.482 ppbv
 RT: 7.19
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 24 Jan 2022 23:03

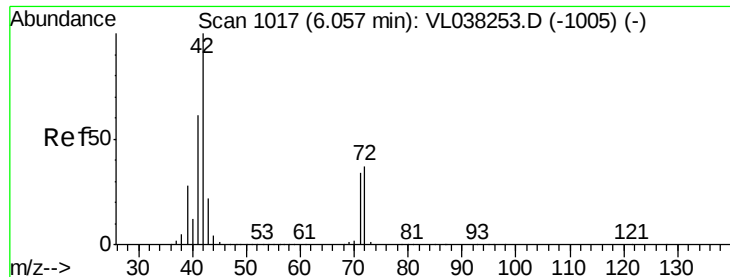
Tgt Ion: 63 Resp: 535050
 Ion Ratio Lower Upper
 63 100
 41 0.0 56.6 85.0#
 62 16.1 53.9 80.9#



#40
 1,4-Dioxane
 Concen: 0.070 ppbv
 RT: 7.85 min Scan# 1575
 Delta R.T. 0.01 min
 Lab File: VL038272.D
 Acq: 24 Jan 2022 23:03

Tgt Ion: 88 Resp: 1208
 Ion Ratio Lower Upper
 88 100
 58 0.0 138.6 208.0#
 43 0.0 346.9 520.3#
 57 0.0 1527.9 2291.9#





#41

Tetrahydrofuran

Concen: 0.132 ppbv

RT: 6.07 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 24 Jan 2022 23:03

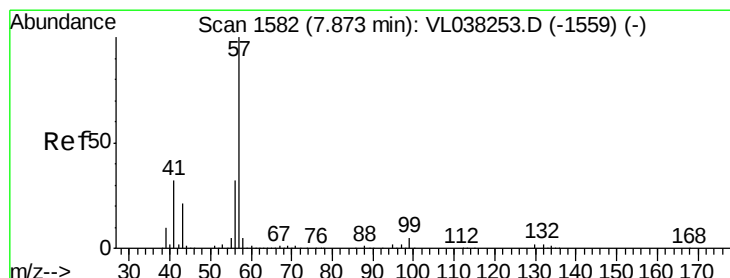
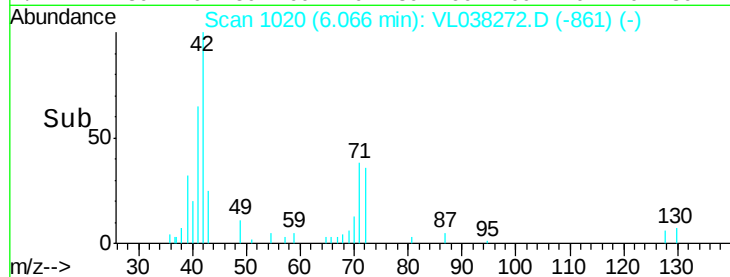
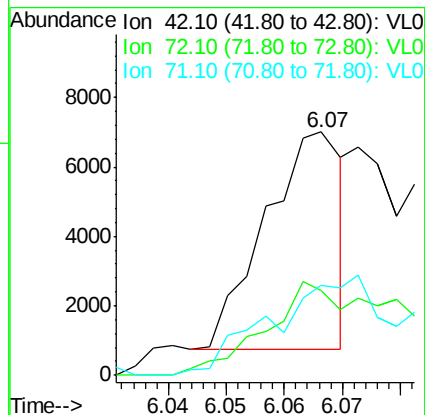
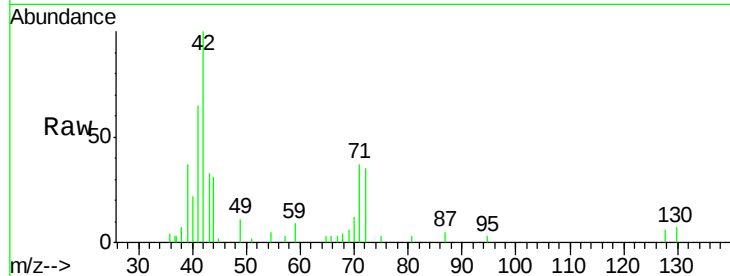
Tgt Ion: 42 Resp: 5774

Ion Ratio Lower Upper

42 100

72 95.8 29.7 44.5#

71 0.0 29.4 44.2#



#44

2,2,4-Trimethylpentane

Concen: 0.499 ppbv

RT: 7.88 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VL038272.D

Acq: 24 Jan 2022 23:03

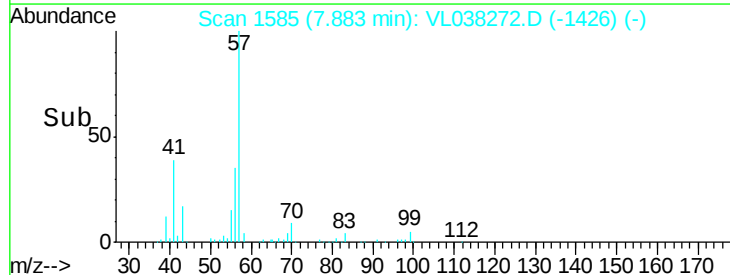
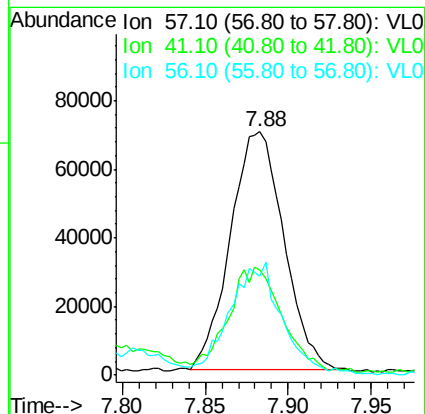
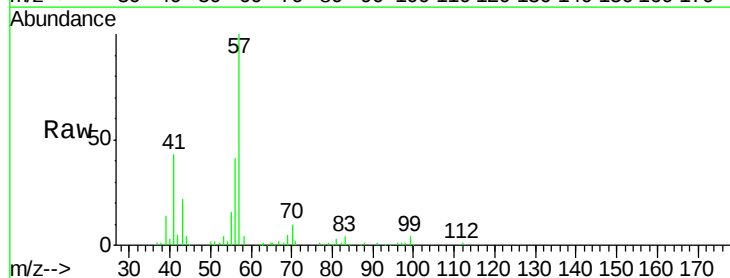
Tgt Ion: 57 Resp: 155045

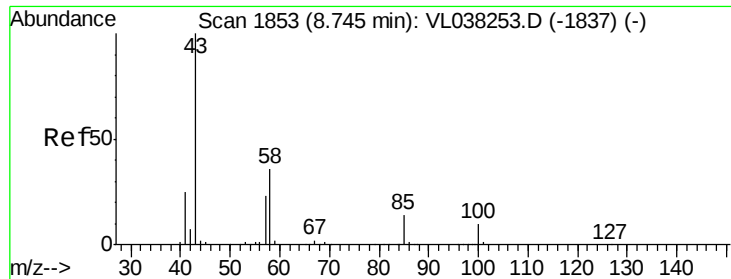
Ion Ratio Lower Upper

57 100

41 46.1 26.3 39.5#

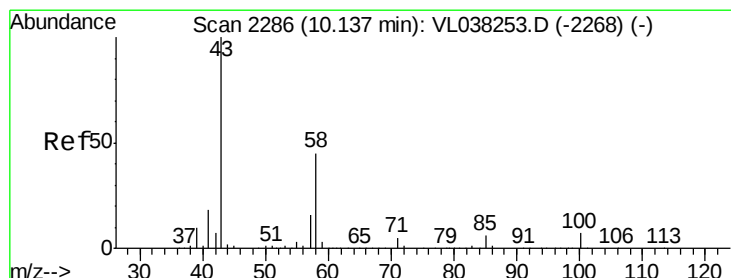
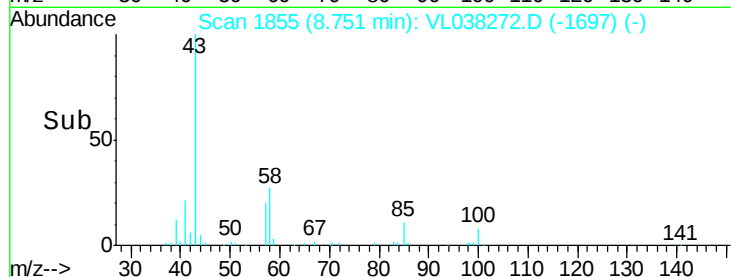
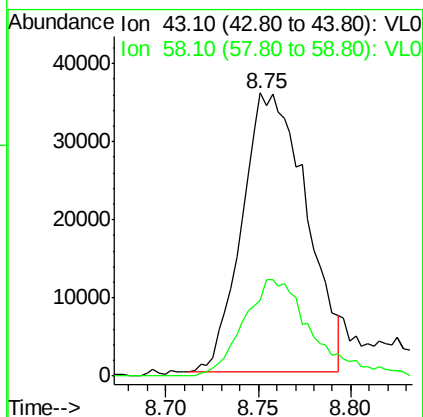
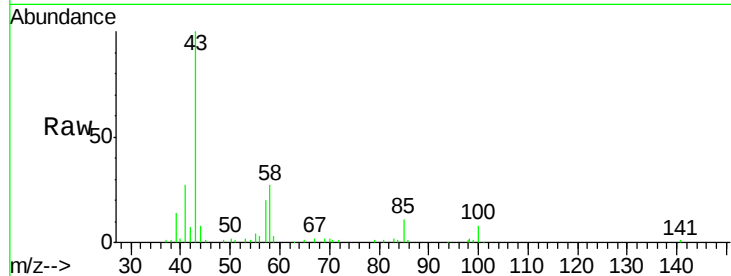
56 46.6 25.2 37.8#





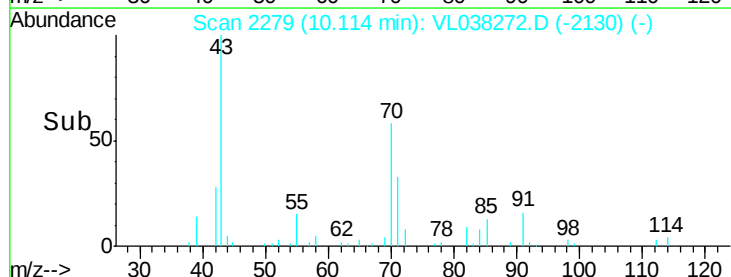
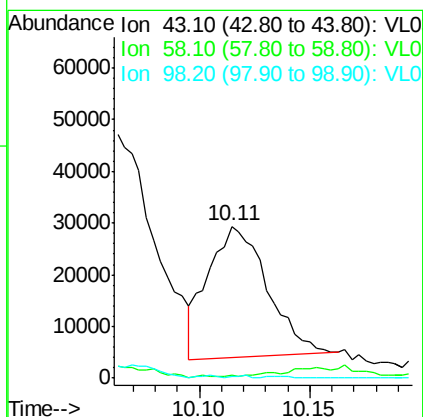
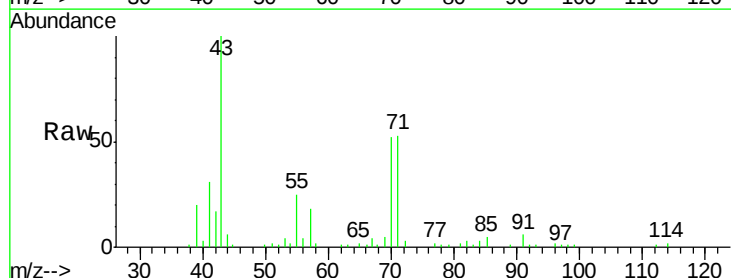
#50
 4-Methyl-2-Pentanone
 Concen: 0.742 ppbv
 RT: 8.75
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 SG-1
 Acq: 24 Jan 2022 23:03

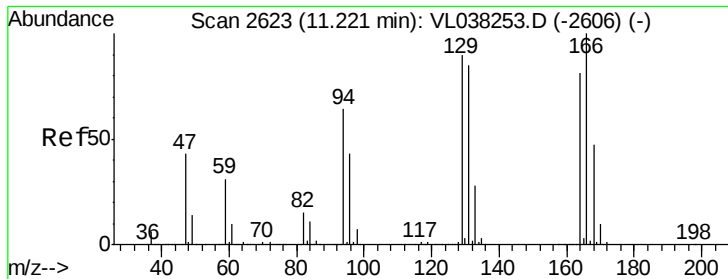
Tgt Ion: 43 Resp: 86331
 Ion Ratio Lower Upper
 43 100
 58 38.1 28.2 42.4



#51
 2-Hexanone
 Concen: 0.932 ppbv
 RT: 10.11 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: VL038272.D
 Acq: 24 Jan 2022 23:03

Tgt Ion: 43 Resp: 47750
 Ion Ratio Lower Upper
 43 100
 58 0.0 37.0 55.4#
 98 0.0 0.2 0.2#





#52

Tetrachloroethene

Concen: 25.043 ppbv

RT: 11.24

Delta R.T. MSVOA_L

Lab File:

ClientSampleId: SG-1

Acq: 24 Jan 2022 23:03

Tgt Ion: 164 Resp: 1522506

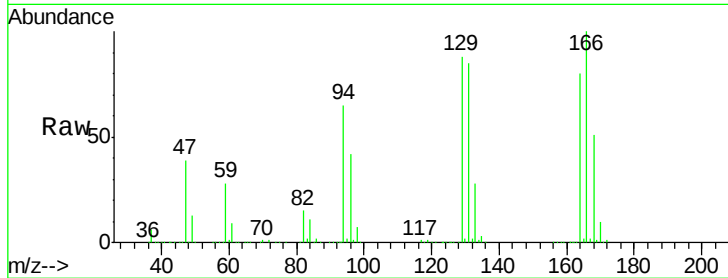
Ion Ratio Lower Upper

164 100

166 124.4 98.8 148.2

129 109.8 89.2 133.8

131 105.9 83.6 125.4

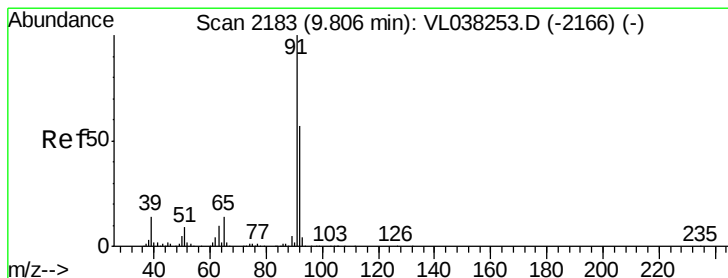
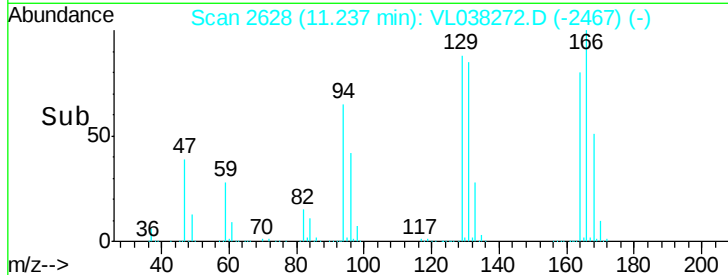
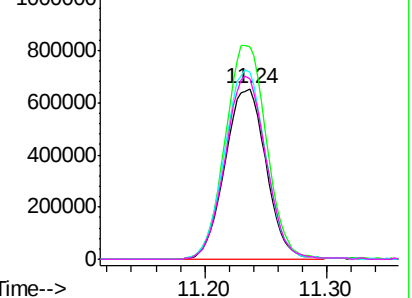


Abundance Ion 163.90 (163.60 to 164.60): V

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: 13.778 ppbv

RT: 9.82 min Scan# 2186

Delta R.T. 0.01 min

Lab File: VL038272.D

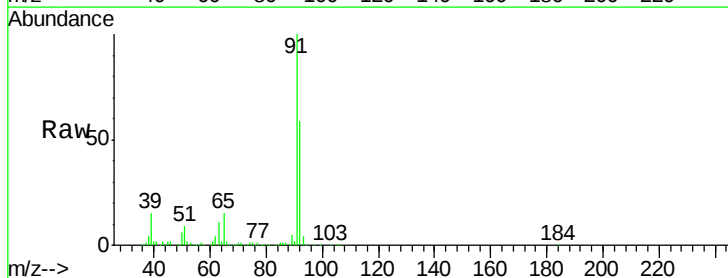
Acq: 24 Jan 2022 23:03

Tgt Ion: 91 Resp: 2690048

Ion Ratio Lower Upper

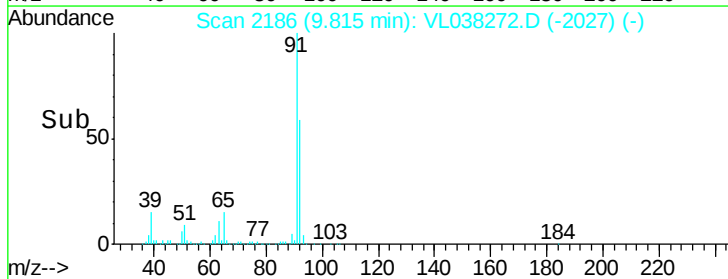
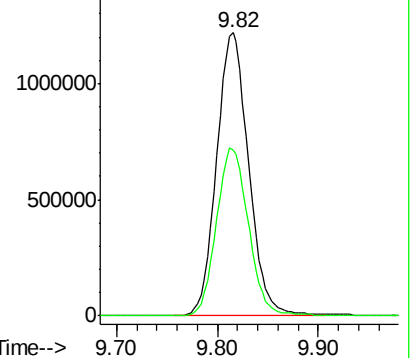
91 100

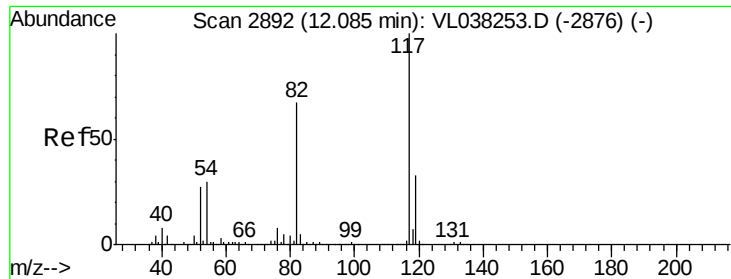
92 59.6 47.4 71.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

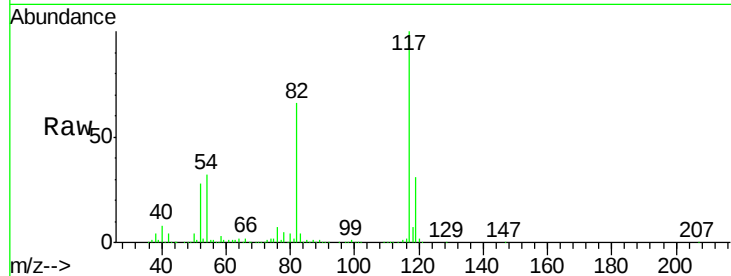
Ion 92.10 (91.80 to 92.80): VL0



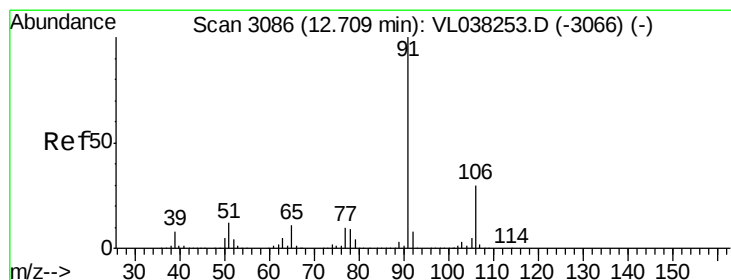
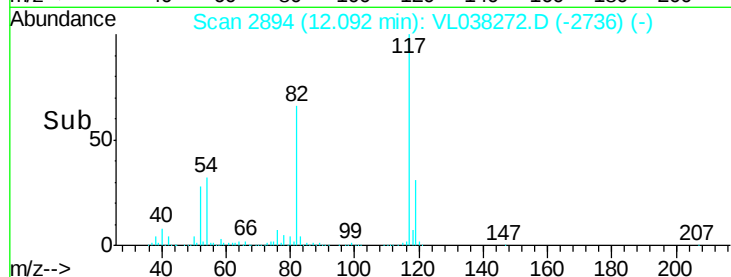
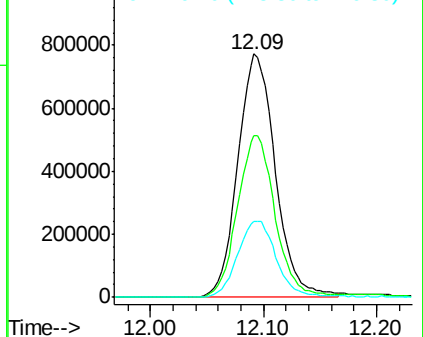


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 24 Jan 2022 23:03

Tgt Ion: 117 Resp: 1786255
Ion Ratio Lower Upper
117 100
82 69.1 54.4 81.6
119 32.8 45.9 68.9#

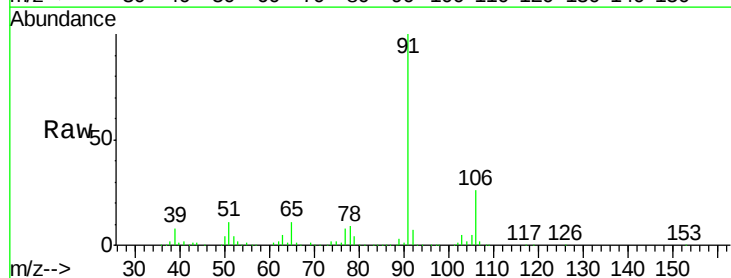


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V

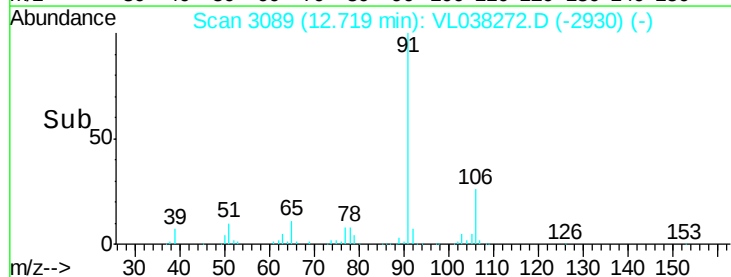
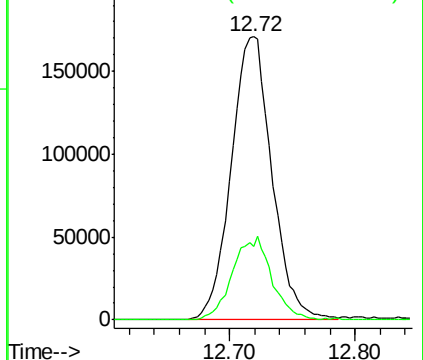


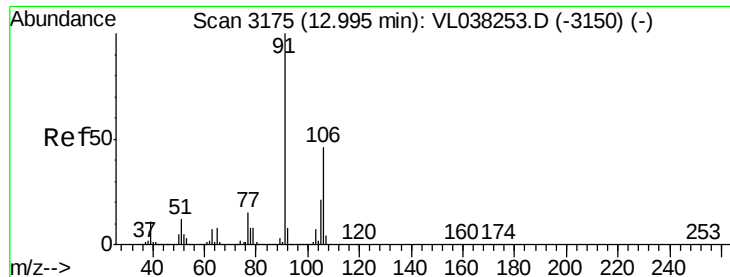
#58
Ethyl Benzene
Concen: 1.458 ppbv
RT: 12.72 min Scan# 3089
Delta R.T.: 0.01 min
Lab File: VL038272.D
Acq: 24 Jan 2022 23:03

Tgt Ion: 91 Resp: 382803
Ion Ratio Lower Upper
91 100
106 26.2 24.1 36.1



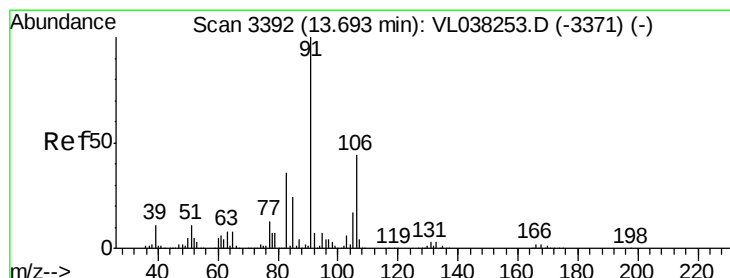
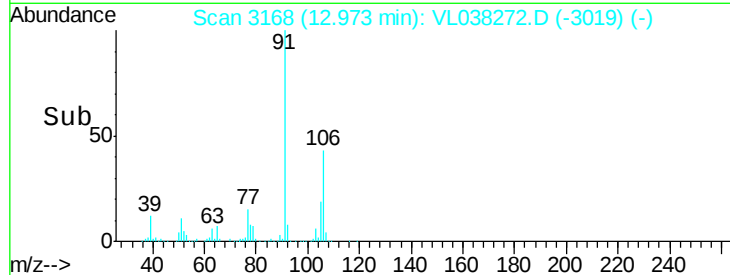
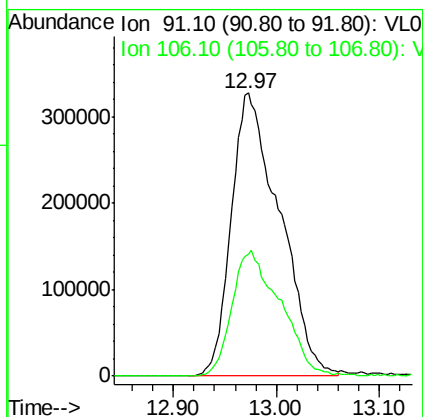
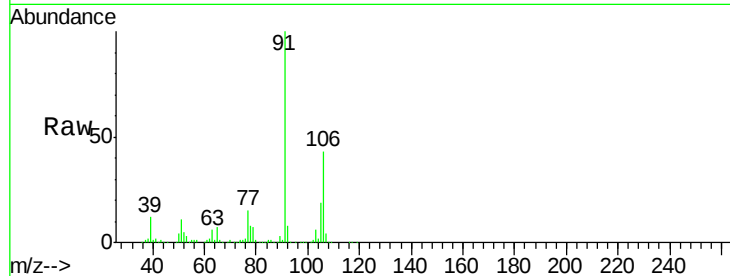
Abundance Ion 91.10 (90.80 to 91.80): V
Ion 106.10 (105.80 to 106.80): V





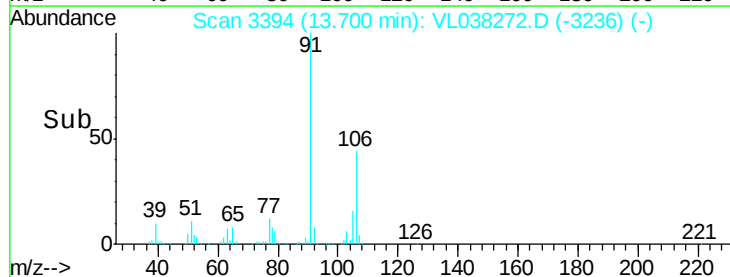
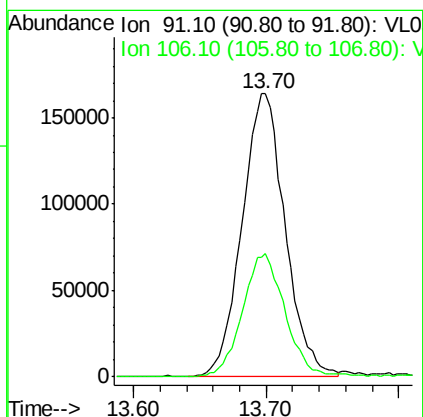
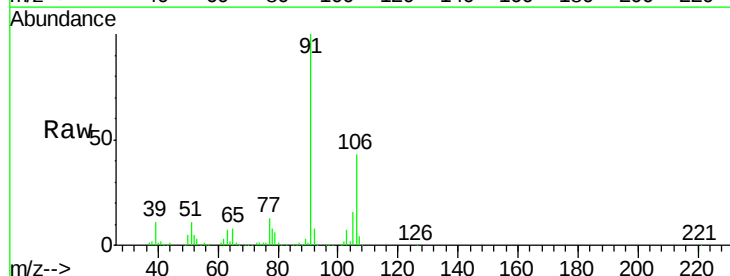
#59
m/p-Xylene
Concen: 4.745 ppbv
RT: 12.97 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : SG-1
Acq: 24 Jan 2022 23:03

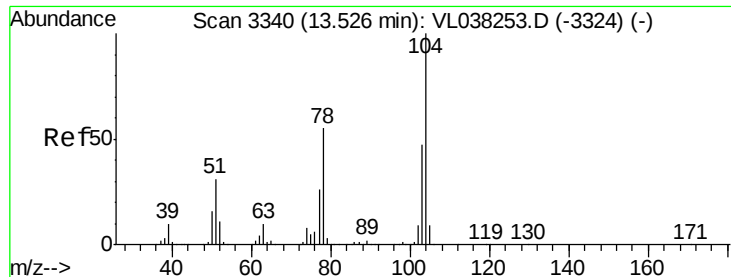
Tgt Ion: 91 Resp: 1062857
Ion Ratio Lower Upper
91 100
106 45.2 34.8 52.2



#60
o-Xylene
Concen: 1.772 ppbv
RT: 13.70 min Scan# 3394
Delta R.T.: 0.01 min
Lab File: VL038272.D
Acq: 24 Jan 2022 23:03

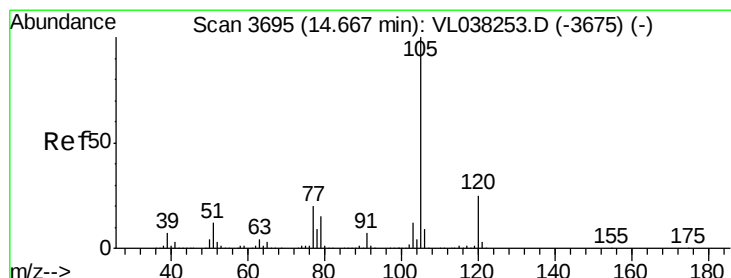
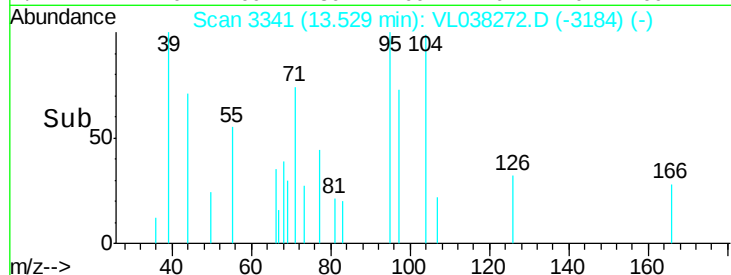
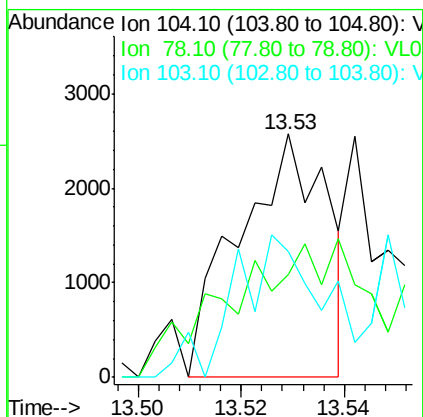
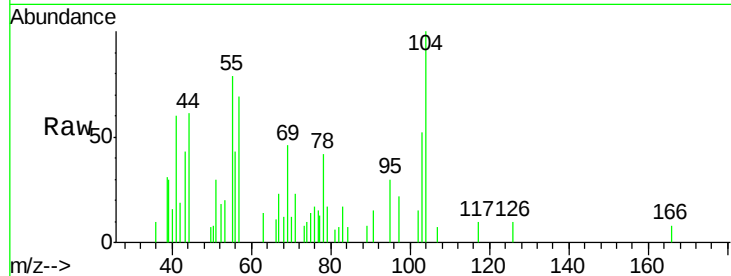
Tgt Ion: 91 Resp: 369100
Ion Ratio Lower Upper
91 100
106 43.4 22.2 66.6





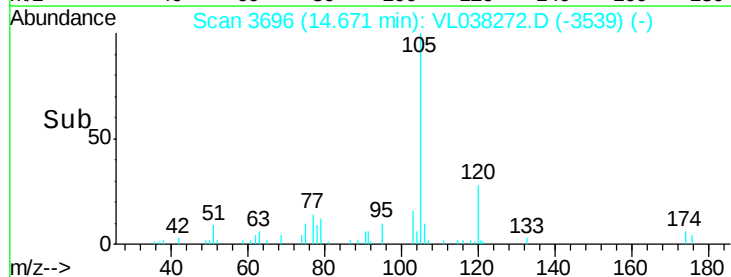
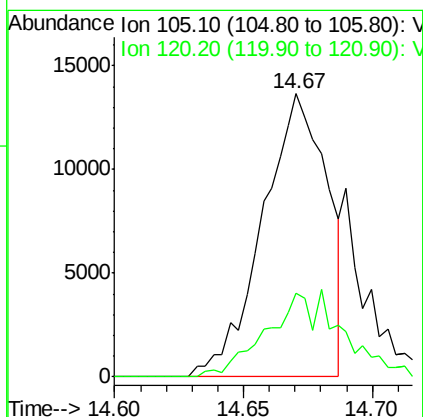
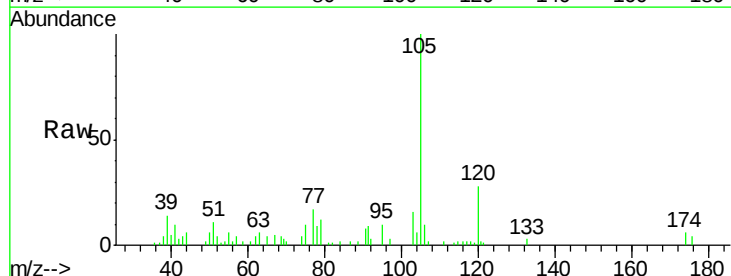
#61
Styrene
Concen: 0.031 ppbv
RT: 13.53
Delta R.T. MSVOA_L
Lab File: ClientSampleId : SG-1
Acq: 24 Jan 2022 23:03

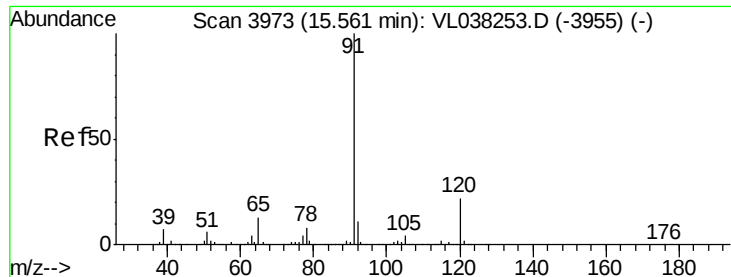
Tgt Ion:104 Resp: 3041
Ion Ratio Lower Upper
104 100
78 0.0 44.2 66.4#
103 91.7 38.2 57.4#



#62
Isopropylbenzene
Concen: 0.086 ppbv
RT: 14.67 min Scan# 3696
Delta R.T. 0.00 min
Lab File: VL038272.D
Acq: 24 Jan 2022 23:03

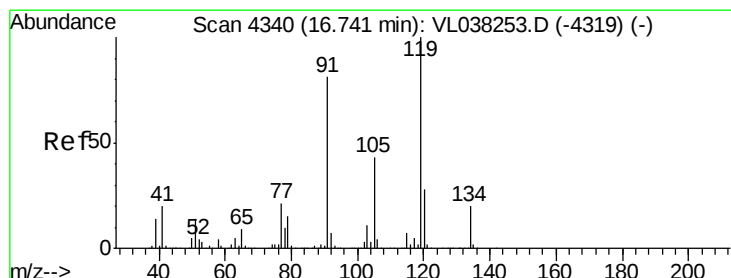
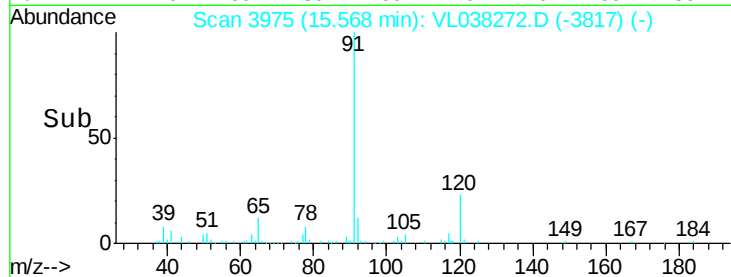
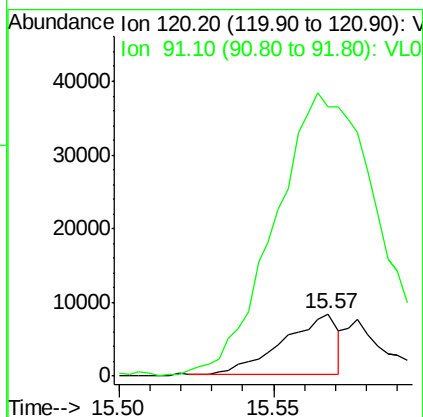
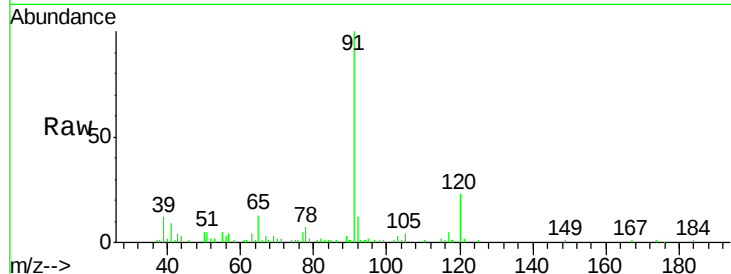
Tgt Ion:105 Resp: 23787
Ion Ratio Lower Upper
105 100
120 0.0 20.5 30.7#





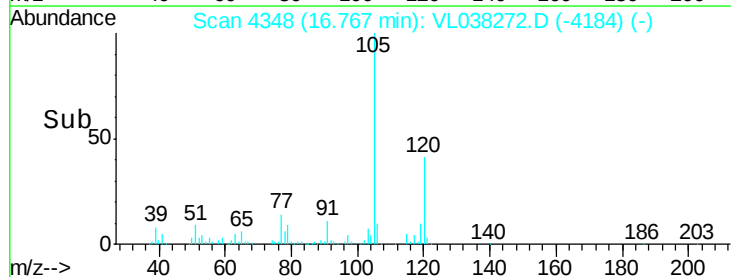
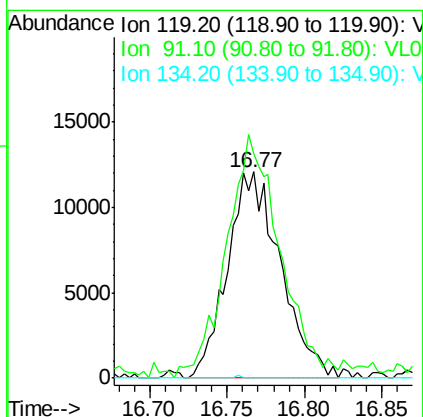
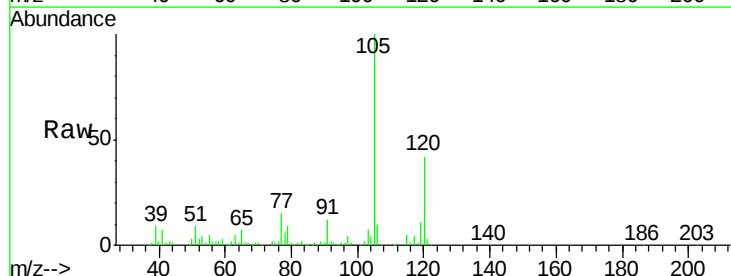
#64
n-propylbenzene
Concen: 0.154 ppbv
RT: 15.57 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
SG-1
Acq: 24 Jan 2022 23:03

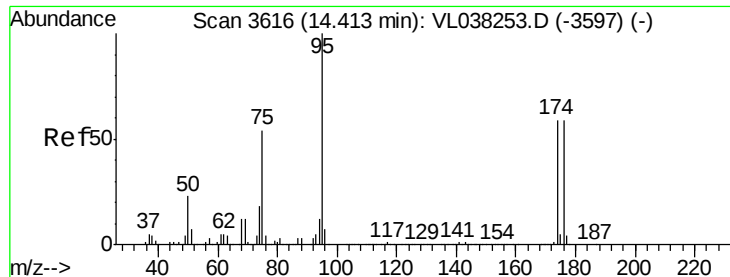
Tgt Ion:120 Resp: 10255
Ion Ratio Lower Upper
120 100
91 936.5 390.8 586.2#



#65
tert-Butylbenzene
Concen: 0.126 ppbv
RT: 16.77 min Scan# 4348
Delta R.T. 0.03 min
Lab File: VL038272.D
Acq: 24 Jan 2022 23:03

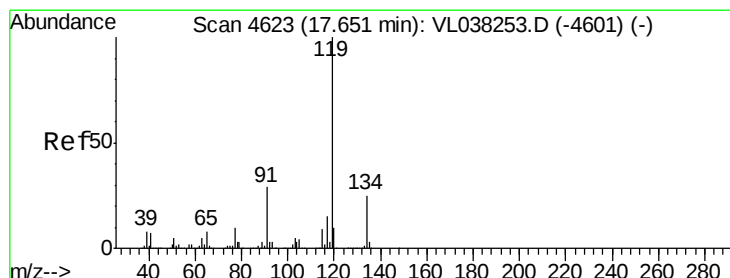
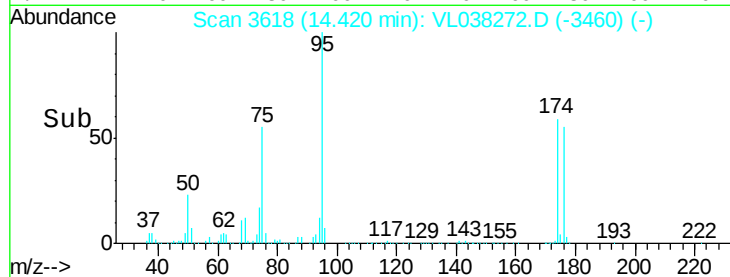
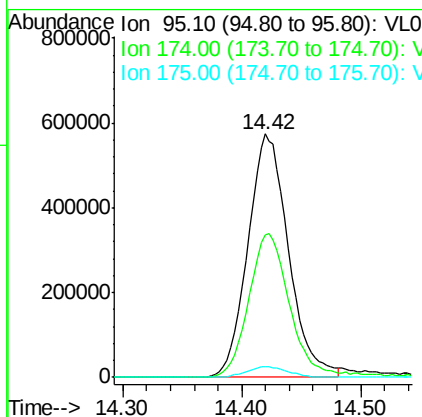
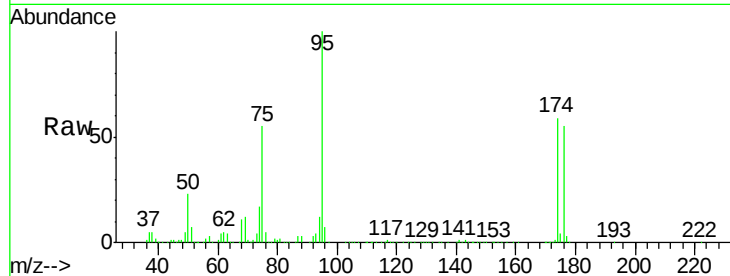
Tgt Ion:119 Resp: 28758
Ion Ratio Lower Upper
119 100
91 128.9 66.6 100.0#
134 0.0 15.8 23.6#





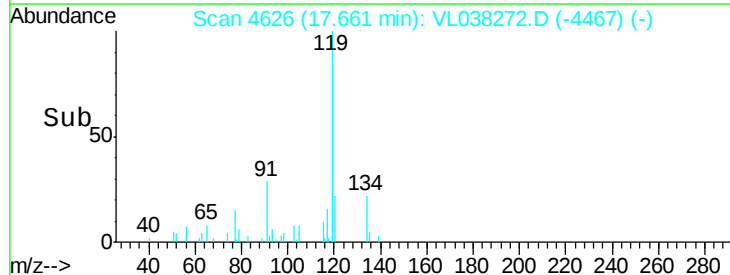
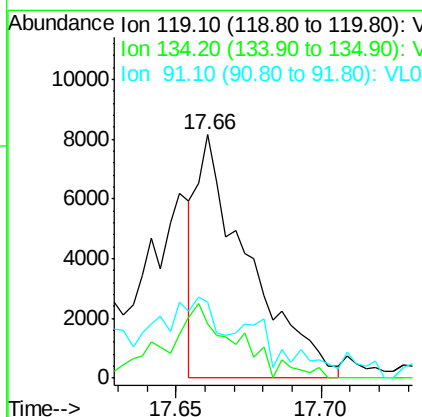
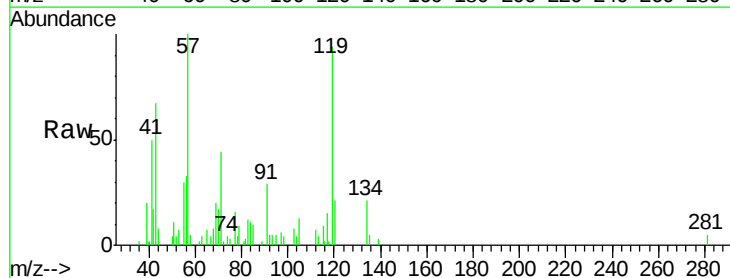
#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.973 ppbv
 RT: 14.42 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : SG-1
 Acq: 24 Jan 2022 23:03

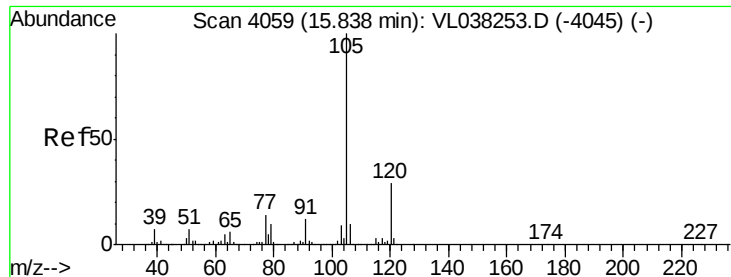
Tgt Ion: 95 Resp: 1352112
 Ion Ratio Lower Upper
 95 100
 174 61.6 48.3 72.5
 175 4.5 3.5 5.3



#69
 p-Isopropyltoluene
 Concen: 0.041 ppbv
 RT: 17.66 min Scan# 4626
 Delta R.T. 0.01 min
 Lab File: VL038272.D
 Acq: 24 Jan 2022 23:03

Tgt Ion: 119 Resp: 10057
 Ion Ratio Lower Upper
 119 100
 134 43.5 20.2 30.2#
 91 37.2 23.2 34.8#





#72

4-Ethyltoluene

Concen: 0.462 ppbv

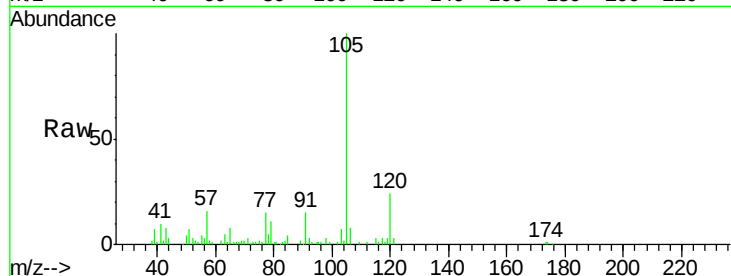
RT: 15.85

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 23:03

Tgt Ion:	105	Resp:	100547
Ion	Ratio	Lower	Upper
105	100		
120	33.5	23.8	35.8
91	14.8	10.2	15.4
77	14.9	11.7	17.5

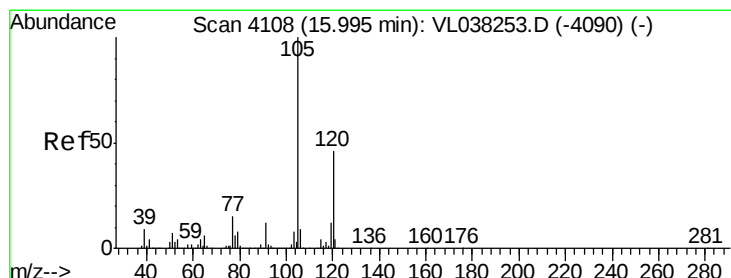
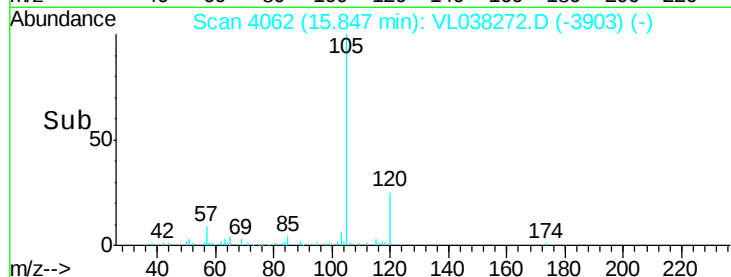
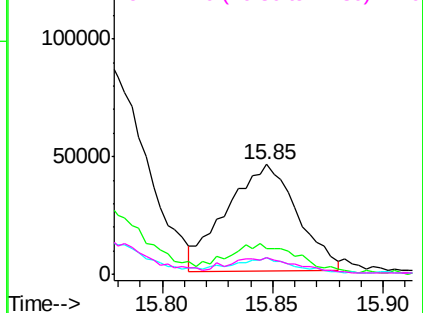


Abundance Ion 105.10 (104.80 to 105.80): V

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



#73

1,3,5-Trimethylbenzene

Concen: 0.251 ppbv

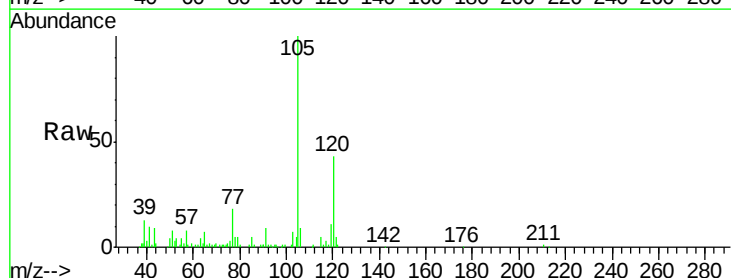
RT: 16.00 min Scan# 4110

Delta R.T. 0.01 min

Lab File: VL038272.D

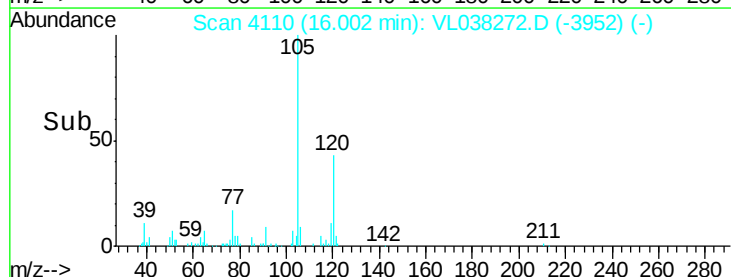
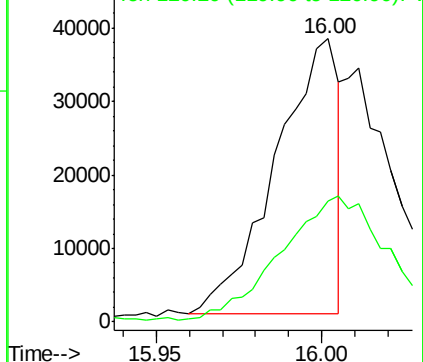
Acq: 24 Jan 2022 23:03

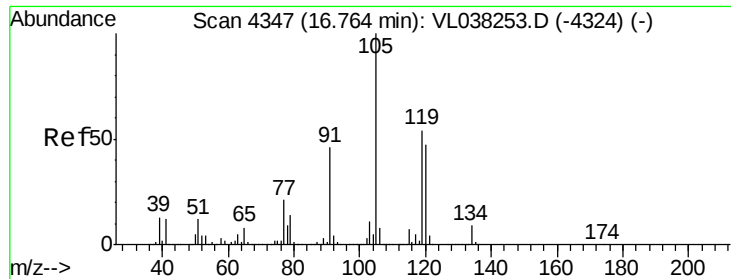
Tgt Ion:	105	Resp:	49241
Ion	Ratio	Lower	Upper
105	100		
120	43.0	36.6	55.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#74
 1,2,4-Trimethylbenzene
 Concen: 1.295 ppbv
 RT: 16.77
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 SG-1
 Acq: 24 Jan 2022 23:05

Tgt Ion:	105	Resp:	267374
Ion Ratio	Lower	Upper	
105	100		
120	41.7	37.2	55.8
91	11.6	36.6	55.0#
77	14.5	16.9	25.3#

