

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012422\
 Data File : VL038276.D
 Acq On : 25 Jan 2022 1:40
 Operator : SY/AP
 Sample : N1244-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3

Quant Time: Jan 25 03:05:41 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	805043	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2078019	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	1844055	10.00	ppbv	0.00

System Monitoring Compounds

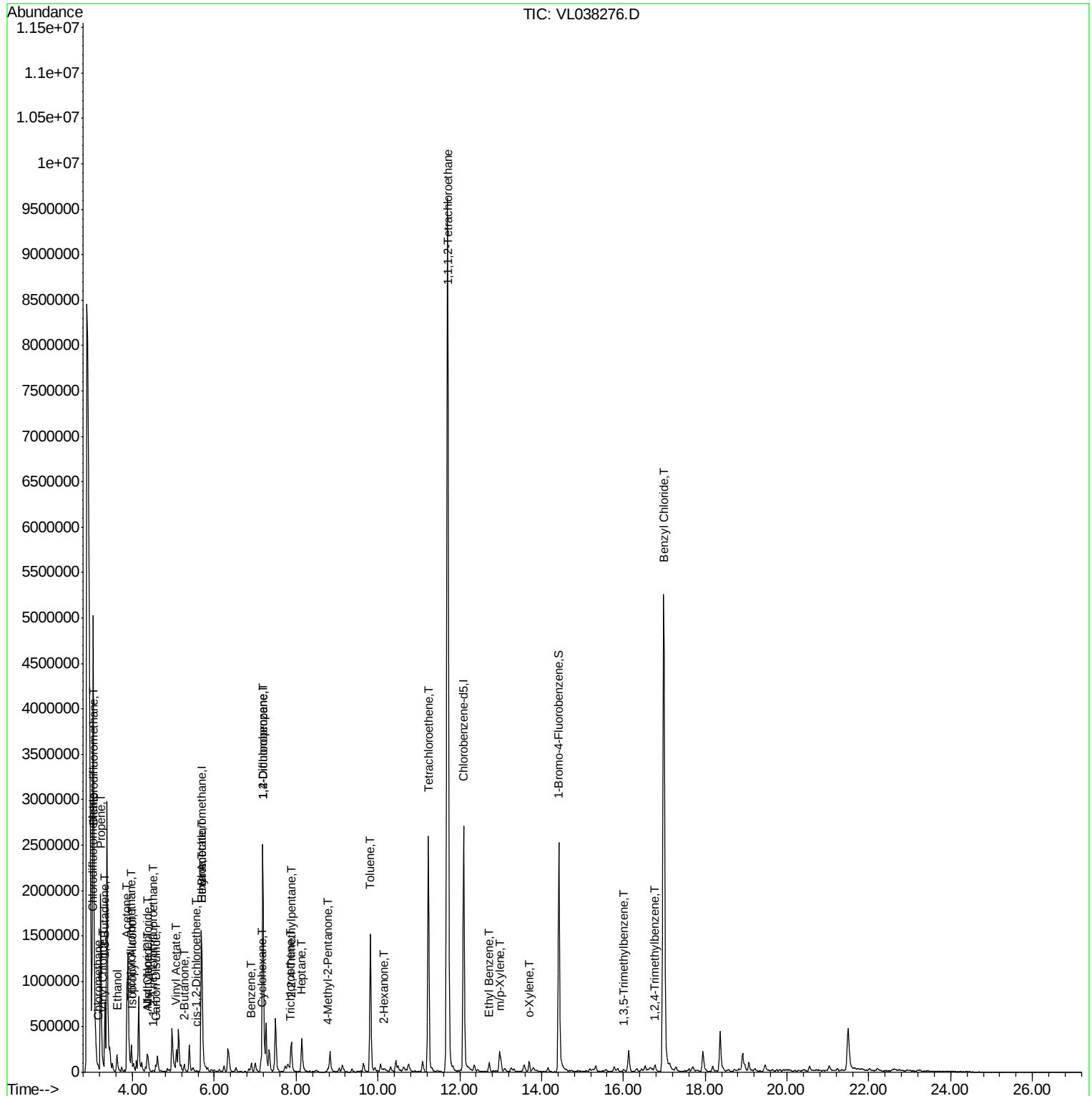
68) 1-Bromo-4-Fluorobenzene	14.42	95	1396189	9.98	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.80%

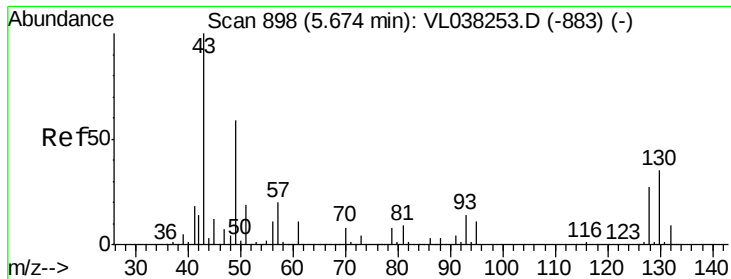
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.07	85	68178	0.398	ppbv	89
3) Chlorodifluoromethane	3.01	51	55184	0.344	ppbv #	80
4) Chloromethane	3.16	50	26917	0.488	ppbv	93
5) Vinyl Chloride	3.28	62	16076	0.292	ppbv	91
9) Propene	3.22	41	705145	13.516	ppbv	97
10) Heptane	8.13	43	80445	0.599	ppbv #	20
11) Trichlorofluoromethane	3.97	101	194209	1.455	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.50	101	4927	0.049	ppbv #	70
13) Ethanol	3.62	45	253004	45.174	ppbv	97
15) Acetone	3.86	43	1656003	23.335	ppbv	91
16) 1,3-Butadiene	3.32	39	232373	4.563	ppbv #	25
19) Isopropyl Alcohol	3.99	45	20223	0.456	ppbv #	1
20) Methylene Chloride	4.36	84	75787	1.836	ppbv	98
21) Allyl Chloride	4.38	41	21292	0.339	ppbv #	44
23) Vinyl Acetate	5.08	43	80755	0.783	ppbv #	1
25) Ethyl Acetate	5.70	43	193068	0.972	ppbv #	79
26) Hexane	5.70	57	264669	2.864	ppbv #	44
27) Carbon Disulfide	4.56	76	89289	0.826	ppbv #	92
30) Cyclohexane	7.15	84	52156	0.648	ppbv	85
31) cis-1,2-Dichloroethene	5.56	61	6183	0.077	ppbv #	75
34) 2-Butanone	5.26	43	106084	1.561	ppbv	94
36) Benzene	6.90	78	86350	0.470	ppbv #	93
38) Trichloroethene	7.84	130	2852	0.042	ppbv	95
39) 1,2-Dichloropropane	7.19	63	547570	7.348	ppbv #	24
44) 2,2,4-Trimethylpentane	7.88	57	267193	0.825	ppbv #	82
50) 4-Methyl-2-Pentanone	8.76	43	7293	0.060	ppbv #	18
51) 2-Hexanone	10.16	43	30892	0.579	ppbv #	77
52) Tetrachloroethene	11.23	164	657273	10.375	ppbv	98
53) Toluene	9.82	91	1268576	6.235	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.70	131	27837	0.345	ppbv #	1
58) Ethyl Benzene	12.72	91	87855	0.324	ppbv	97
59) m/p-Xylene	13.00	91	72659	0.314	ppbv #	32
60) o-Xylene	13.70	91	84675	0.394	ppbv	98
66) Benzyl Chloride	17.00	91	377	0.035	ppbv #	68
73) 1,3,5-Trimethylbenzene	16.01	105	12912	0.064	ppbv #	81
74) 1,2,4-Trimethylbenzene	16.77	105	45281	0.213	ppbv #	75

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

```
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL012422\  
Data File : VL038276.D  
Acq On    : 25 Jan 2022    1:40  
Operator  : SY/AP  
Sample    : N1244-03  
Misc      : 400mL/MSVOA_L  
ALS Vial  : 1    Sample Multiplier: 1
```

Quant Time: Jan 25 03:05:41 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: SG-3

Acq: 25 Jan 2022 1:40

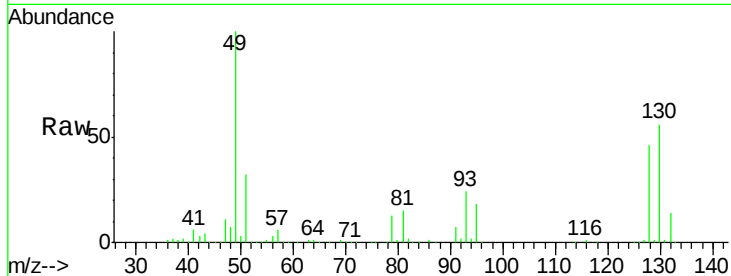
Tgt Ion: 49 Resp: 805043

Ion Ratio Lower Upper

49 100

128 46.7 24.5 73.5

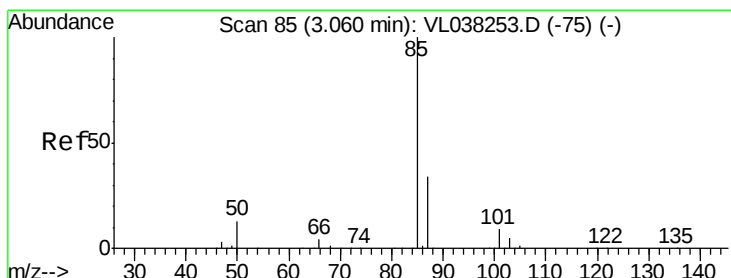
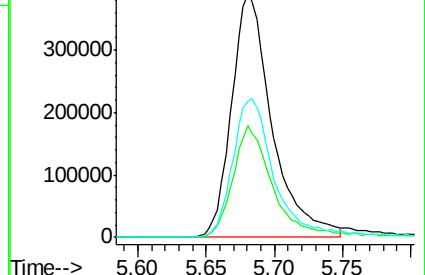
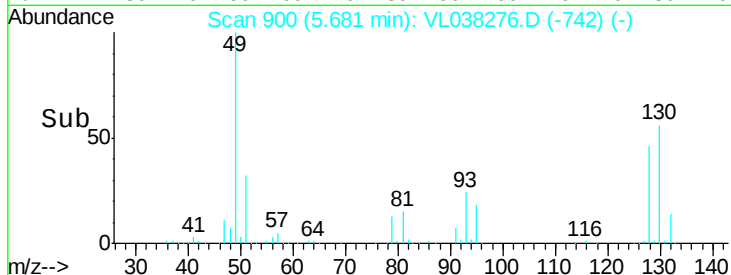
130 60.7 30.1 90.5



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: 0.398 ppbv

RT: 3.07 min Scan# 87

Delta R.T. 0.01 min

Lab File: VL038276.D

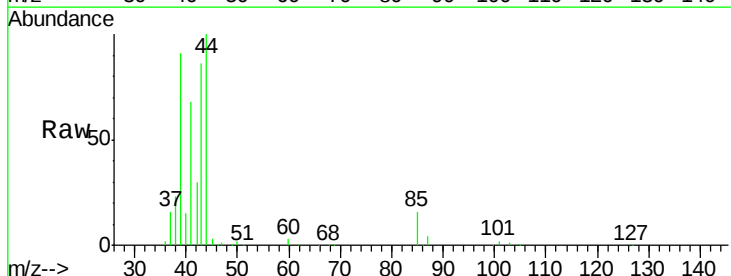
Acq: 25 Jan 2022 1:40

Tgt Ion: 85 Resp: 68178

Ion Ratio Lower Upper

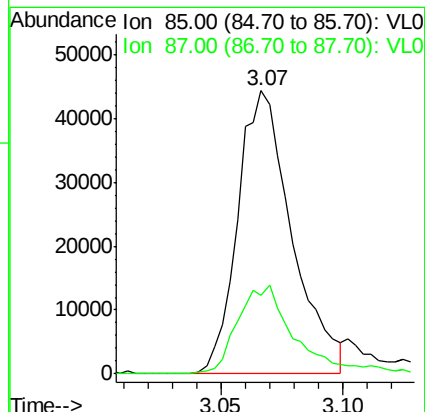
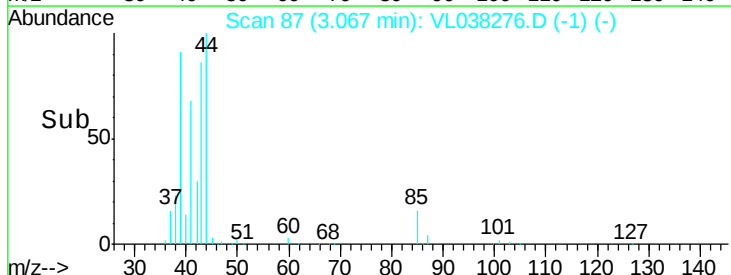
85 100

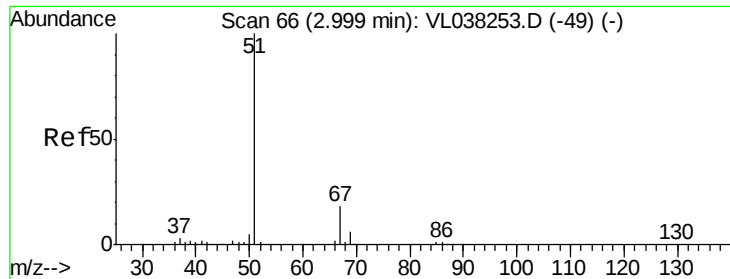
87 27.6 27.0 40.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.344 ppbv

RT: 3.01 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

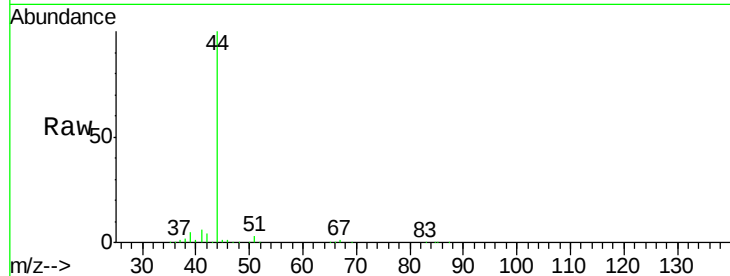
Acq: 25 Jan 2022 1:40 SG-3

Tgt Ion: 51 Resp: 55184

Ion Ratio Lower Upper

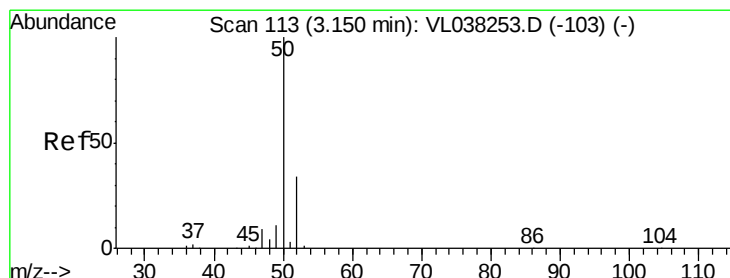
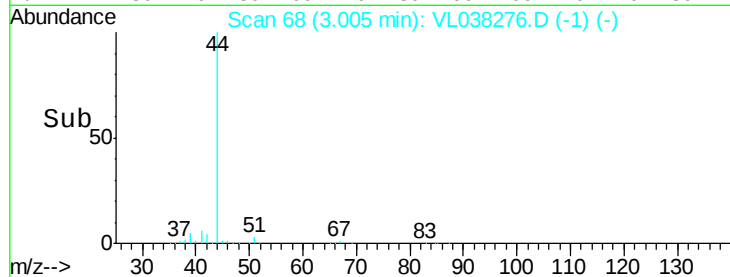
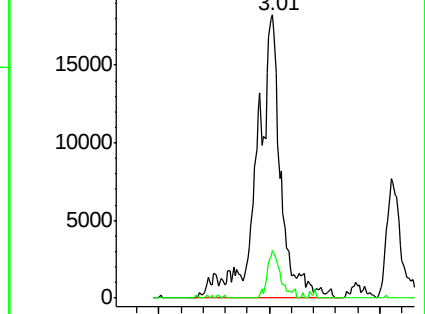
51 100

67 9.3 14.4 21.6#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.488 ppbv

RT: 3.16 min Scan# 116

Delta R.T. 0.01 min

Lab File: VL038276.D

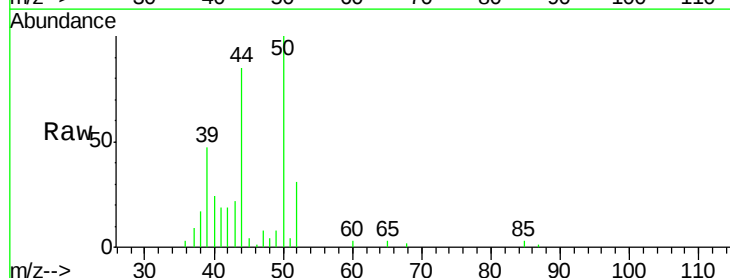
Acq: 25 Jan 2022 1:40

Tgt Ion: 50 Resp: 26917

Ion Ratio Lower Upper

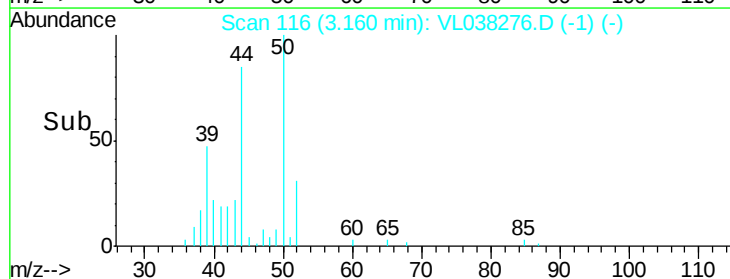
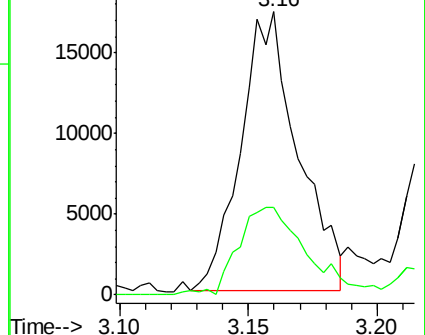
50 100

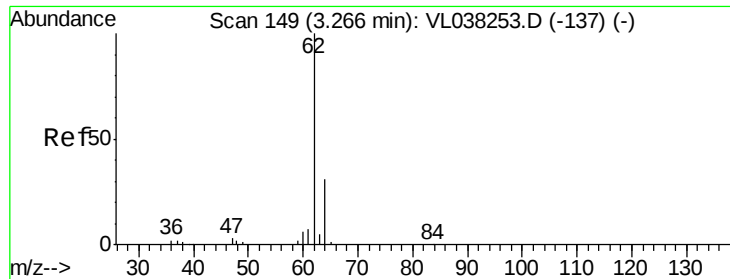
52 29.9 27.1 40.7



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.292 ppbv

RT: 3.28 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

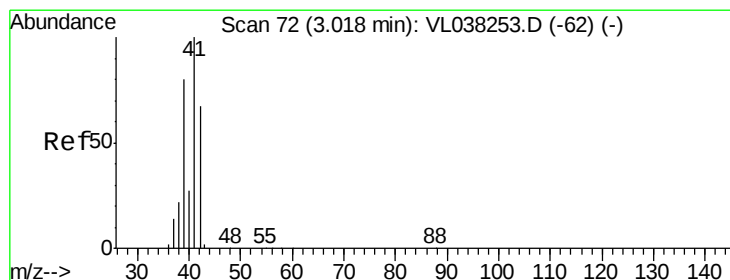
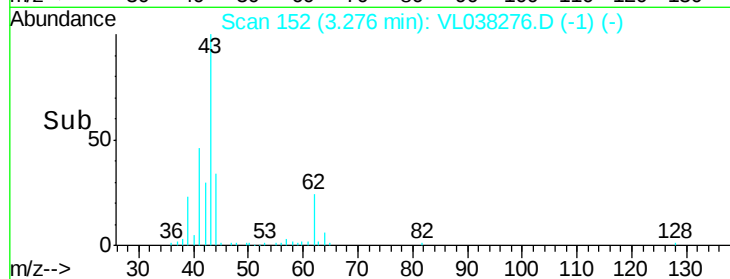
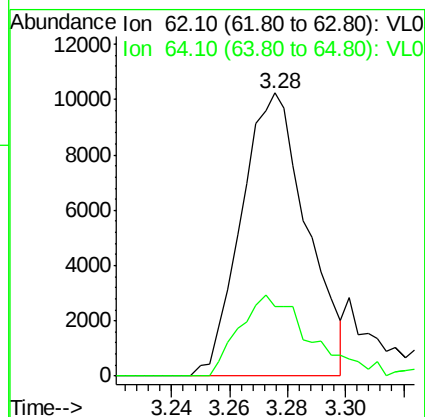
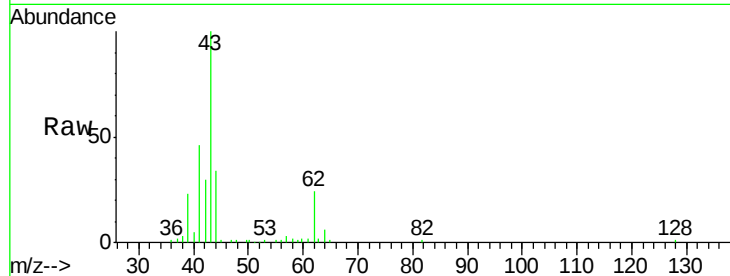
Acq: 25 Jan 2022 1:40

Tgt Ion: 62 Resp: 16076

Ion Ratio Lower Upper

62 100

64 25.7 24.4 36.6



#9

Propene

Concen: 13.516 ppbv

RT: 3.22 min Scan# 135

Delta R.T. 0.20 min

Lab File: VL038276.D

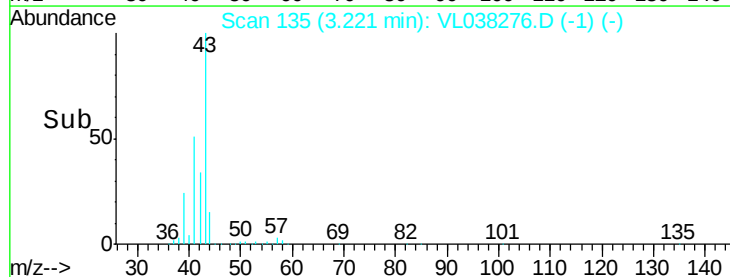
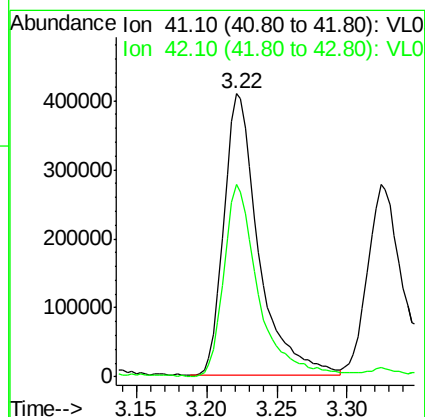
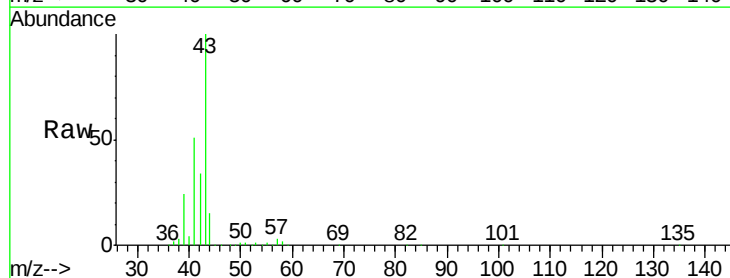
Acq: 25 Jan 2022 1:40

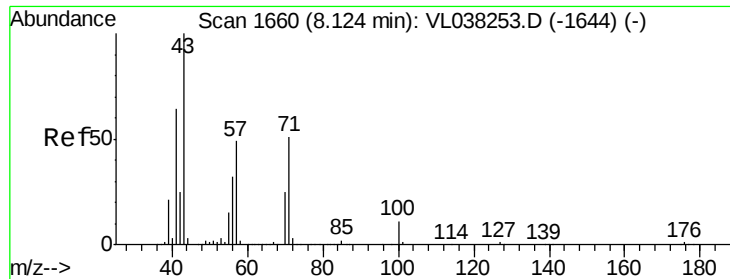
Tgt Ion: 41 Resp: 705145

Ion Ratio Lower Upper

41 100

42 66.5 54.9 82.3





#10

Heptane

Concen: 0.599 ppbv

RT: 8.13 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

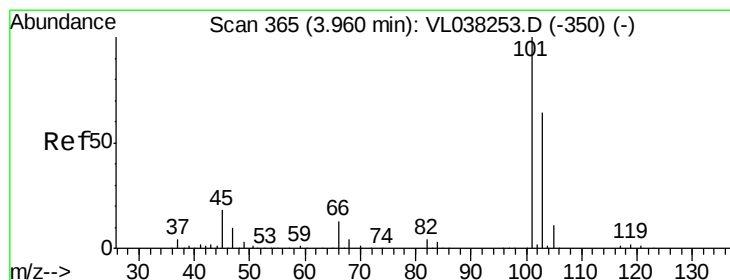
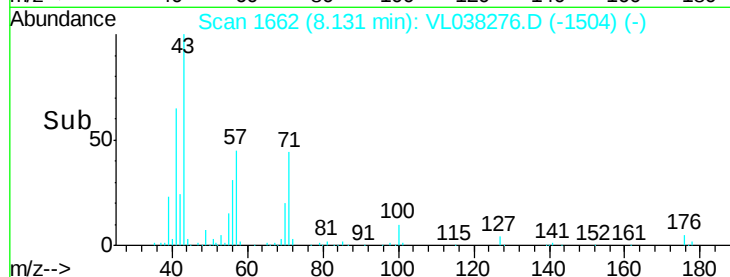
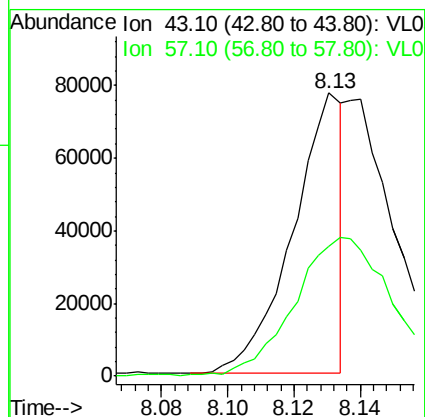
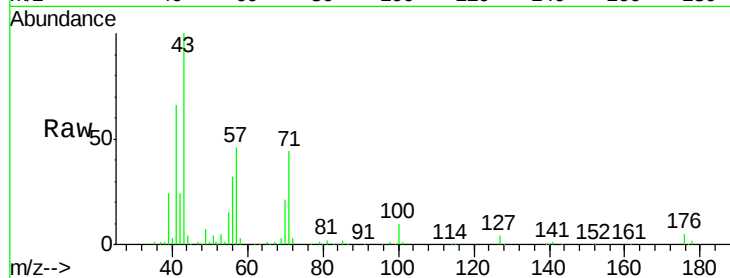
Acq: 25 Jan 2022 1:40 SG-3

Tgt Ion: 43 Resp: 80445

Ion Ratio Lower Upper

43 100

57 103.8 39.5 59.3#



#11

Trichlorofluoromethane

Concen: 1.455 ppbv

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VL038276.D

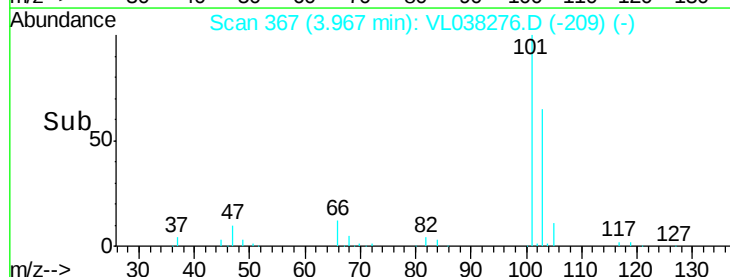
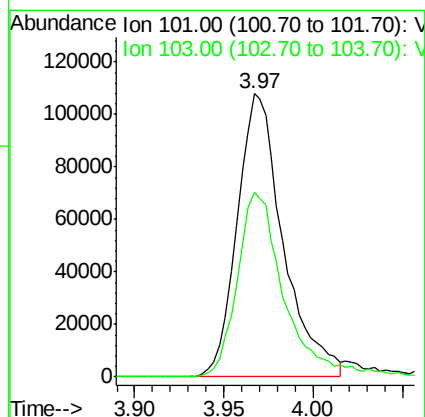
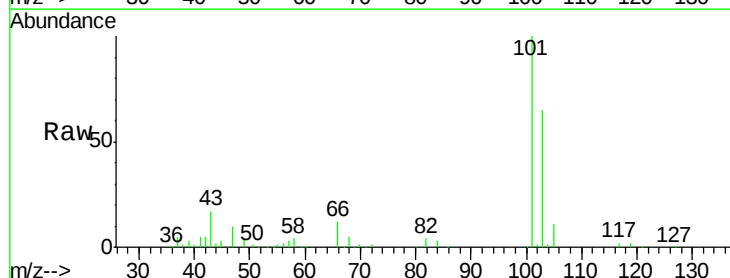
Acq: 25 Jan 2022 1:40

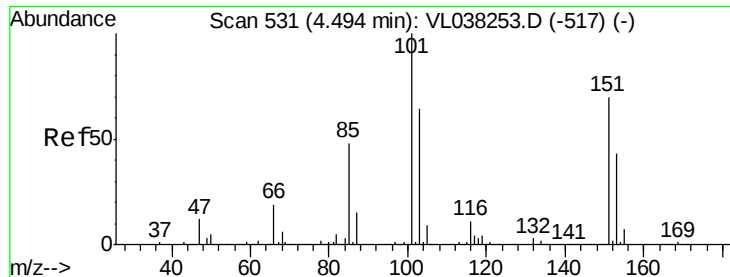
Tgt Ion: 101 Resp: 194209

Ion Ratio Lower Upper

101 100

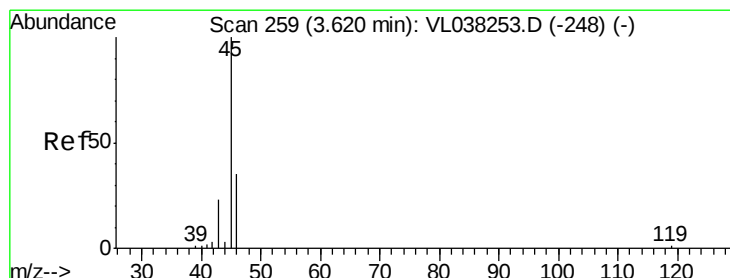
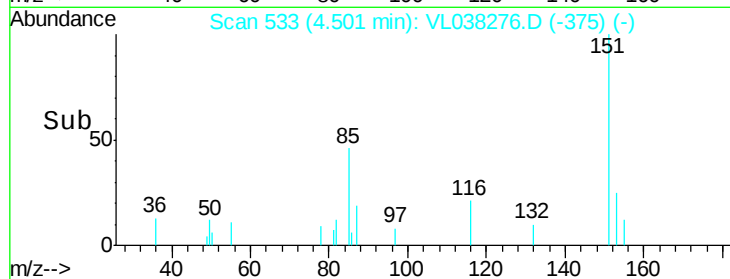
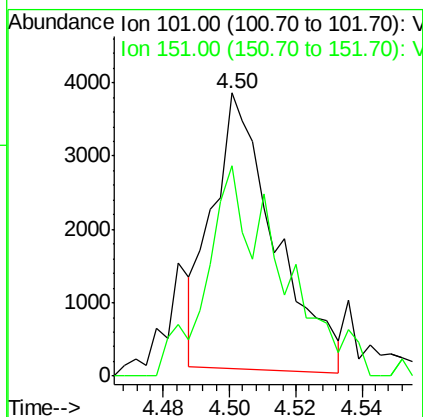
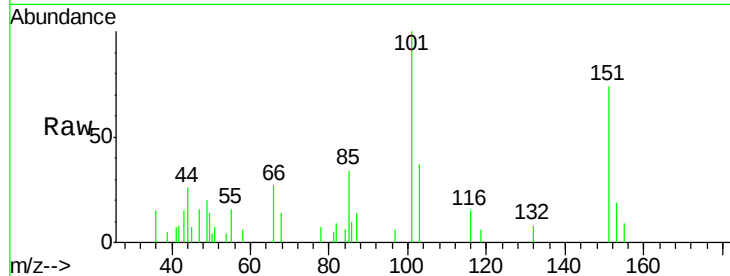
103 65.2 51.2 76.8





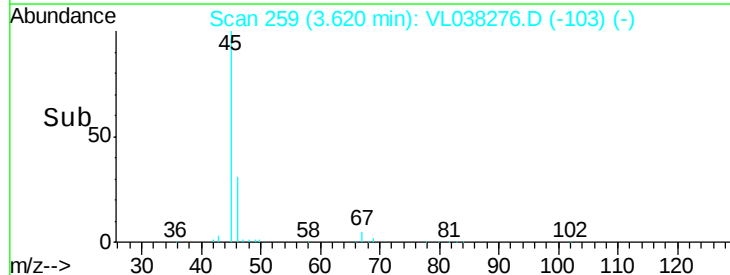
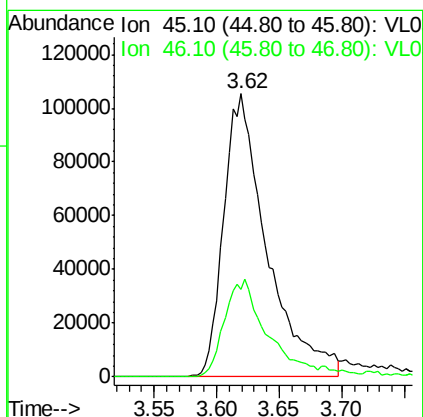
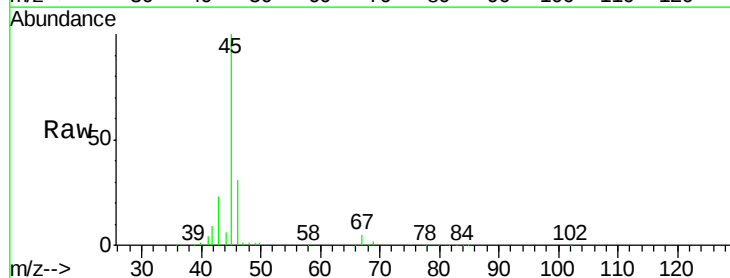
#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.049 ppbv
 RT: 4.50
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Jan 2022 1:40

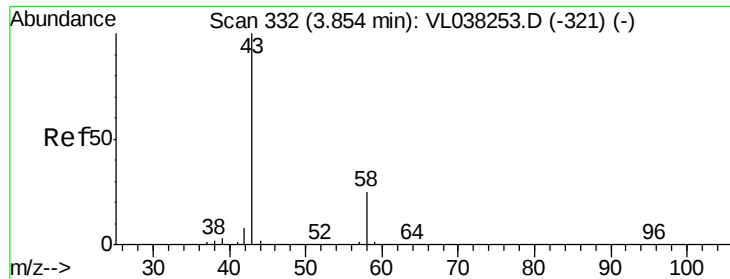
Tgt Ion: 101 Resp: 4927
 Ion Ratio Lower Upper
 101 100
 151 93.5 55.3 82.9#



#13
 Ethanol
 Concen: 45.174 ppbv
 RT: 3.62 min Scan# 259
 Delta R.T. 0.00 min
 Lab File: VL038276.D
 Acq: 25 Jan 2022 1:40

Tgt Ion: 45 Resp: 253004
 Ion Ratio Lower Upper
 45 100
 46 36.4 15.4 61.6





#15

Acetone

Concen: 23.335 ppbv

RT: 3.86 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

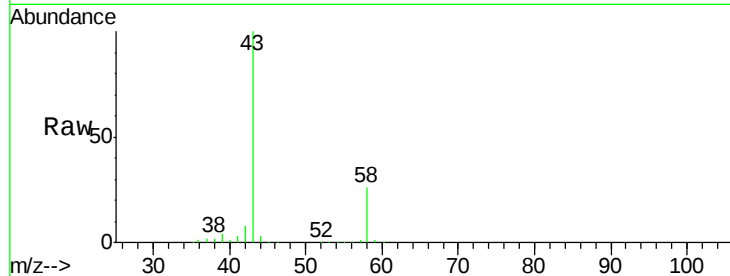
Acq: 25 Jan 2022 1:40 SG-3

Tgt Ion: 43 Resp: 1656003

Ion Ratio Lower Upper

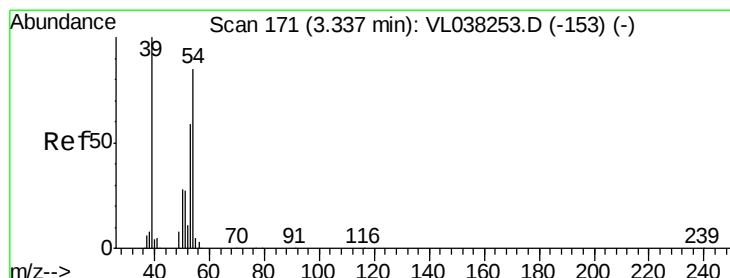
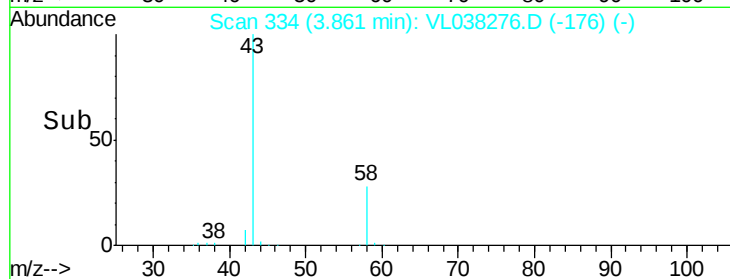
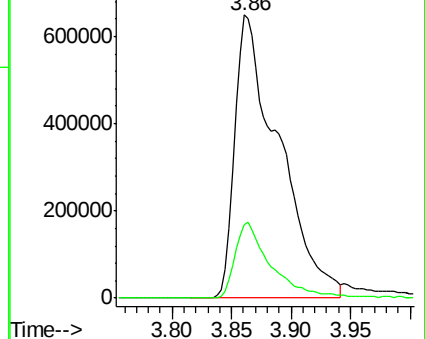
43 100

58 22.5 21.5 32.3



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 4.563 ppbv

RT: 3.32 min Scan# 167

Delta R.T. -0.01 min

Lab File: VL038276.D

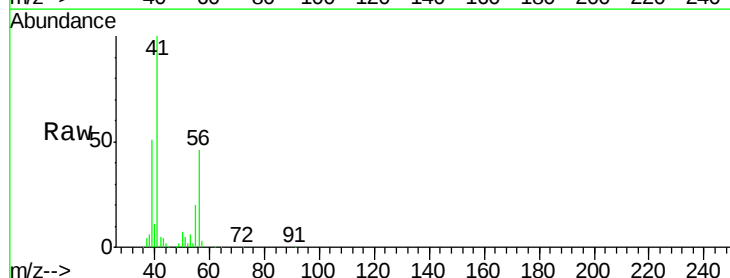
Acq: 25 Jan 2022 1:40

Tgt Ion: 39 Resp: 232373

Ion Ratio Lower Upper

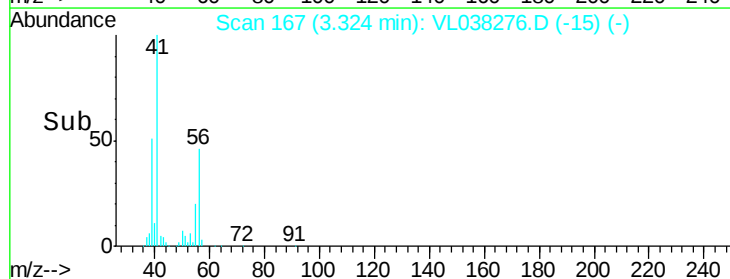
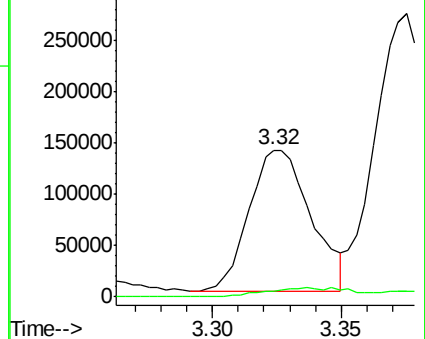
39 100

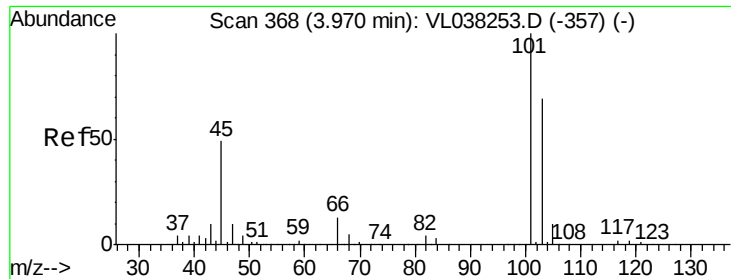
54 12.5 62.6 94.0#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0





#19

Isopropyl Alcohol

Concen: 0.456 ppbv

RT: 3.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

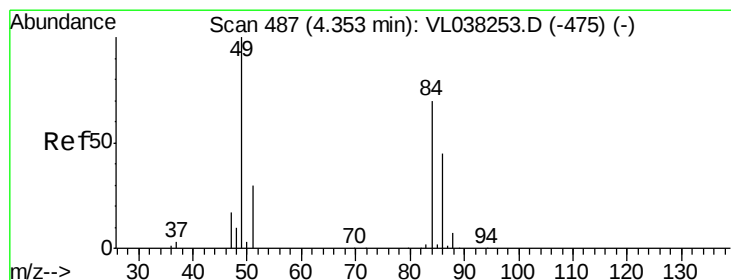
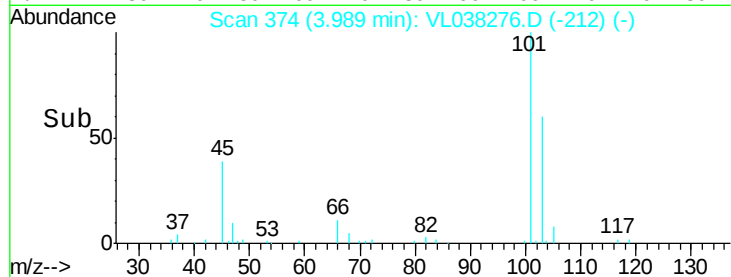
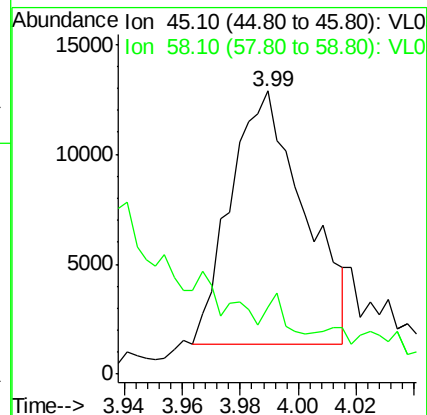
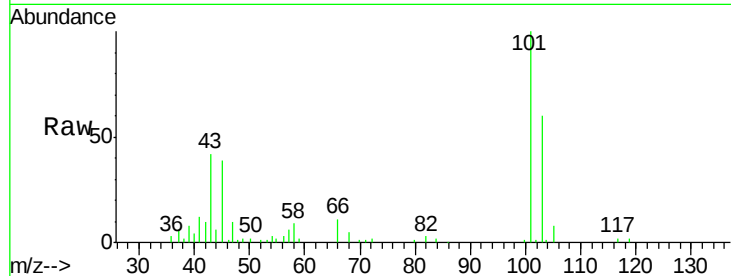
Acq: 25 Jan 2022 1:40

Tgt Ion: 45 Resp: 20223

Ion Ratio Lower Upper

45 100

58 1841.0 2.3 3.5#



#20

Methylene Chloride

Concen: 1.836 ppbv

RT: 4.36 min Scan# 489

Delta R.T. 0.01 min

Lab File: VL038276.D

Acq: 25 Jan 2022 1:40

Tgt Ion: 84 Resp: 75787

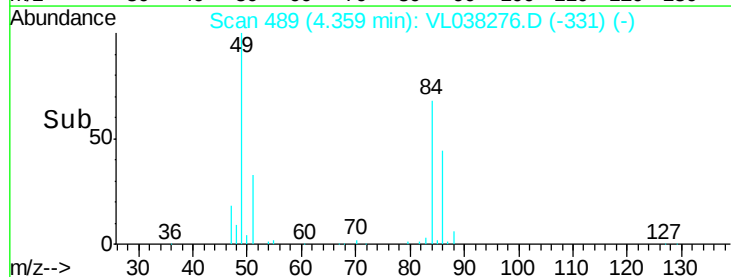
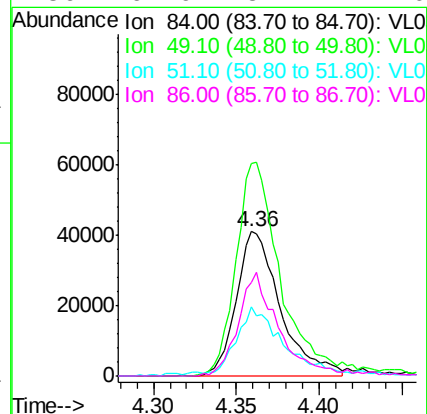
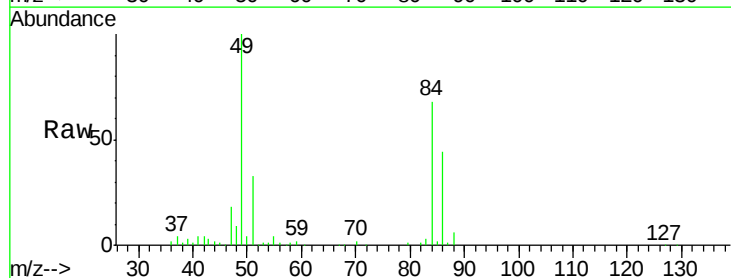
Ion Ratio Lower Upper

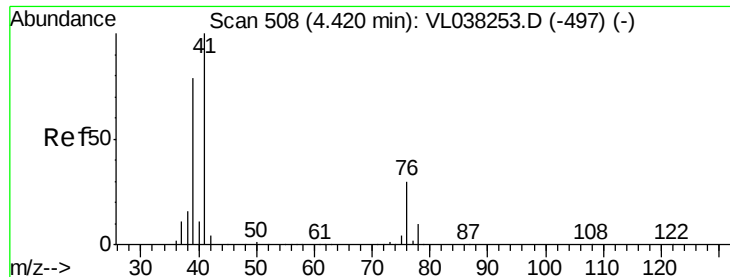
84 100

49 147.2 115.0 172.6

51 45.8 35.0 52.6

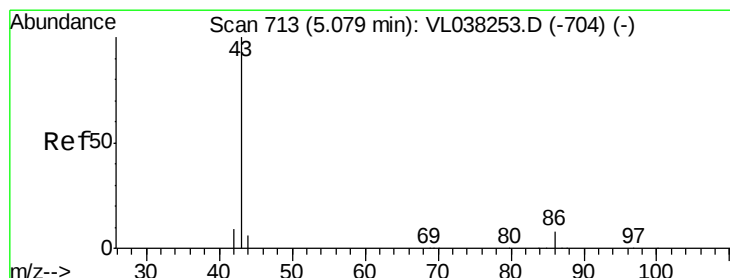
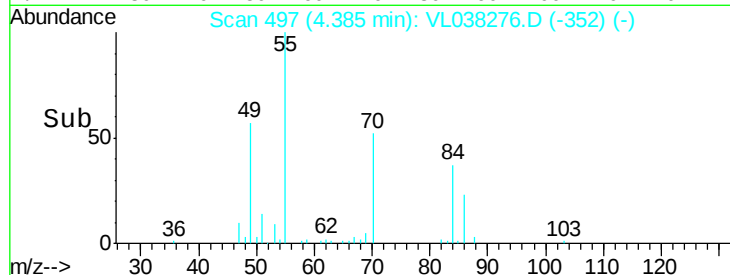
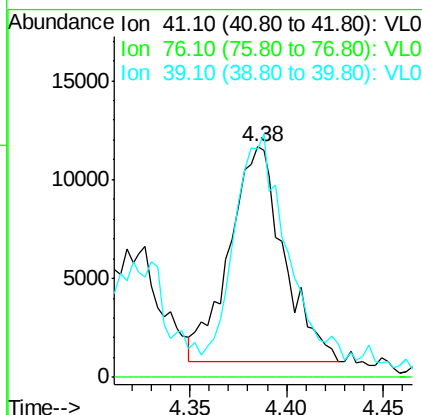
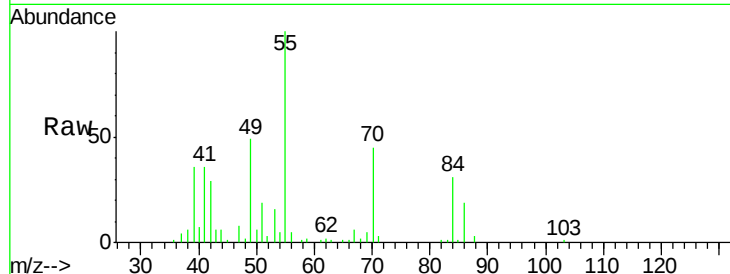
86 64.9 51.4 77.0





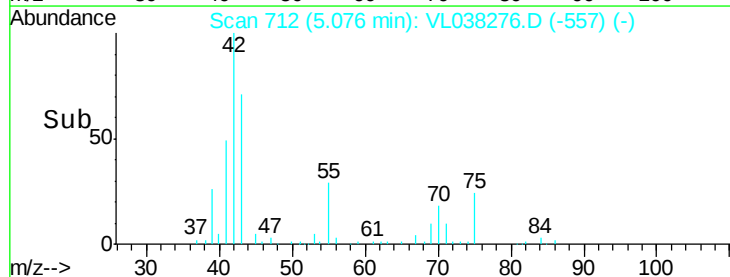
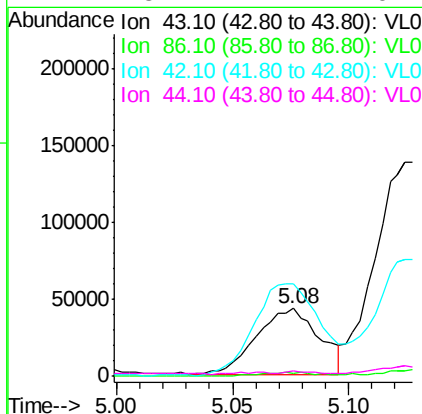
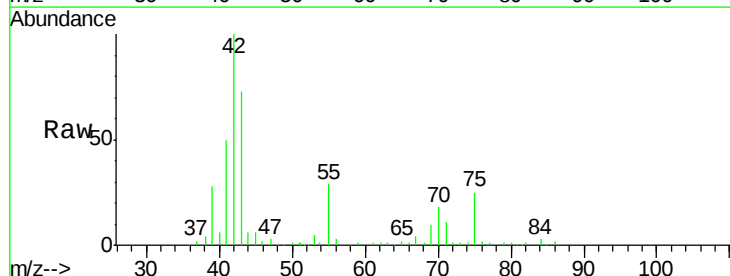
#21
 Allyl Chloride
 Concen: 0.339 ppbv
 RT: 4.38
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Jan 2022 1:40

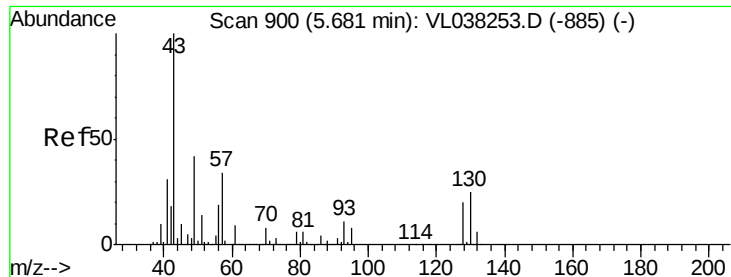
Tgt Ion: 41 Resp: 21292
 Ion Ratio Lower Upper
 41 100
 76 0.0 25.0 37.6#
 39 127.5 63.0 94.6#



#23
 Vinyl Acetate
 Concen: 0.783 ppbv
 RT: 5.08 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VL038276.D
 Acq: 25 Jan 2022 1:40

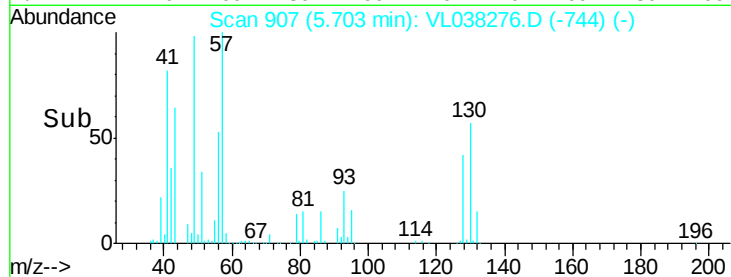
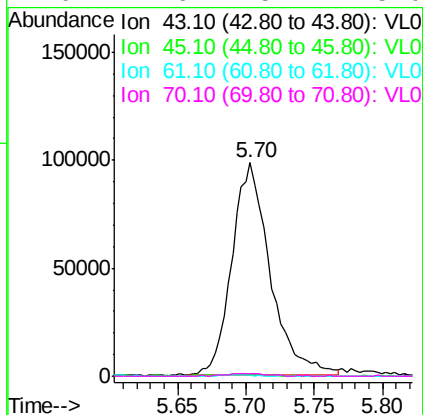
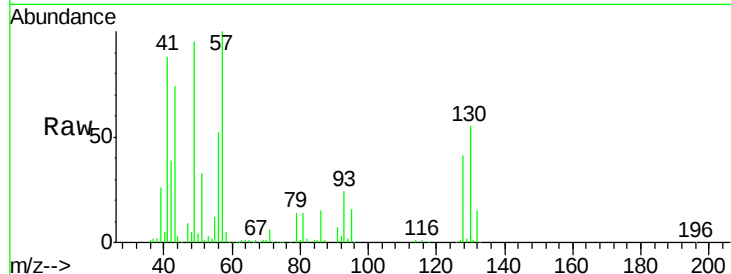
Tgt Ion: 43 Resp: 80755
 Ion Ratio Lower Upper
 43 100
 86 3.2 5.7 8.5#
 42 138.5 7.7 11.5#
 44 5.4 4.2 6.4





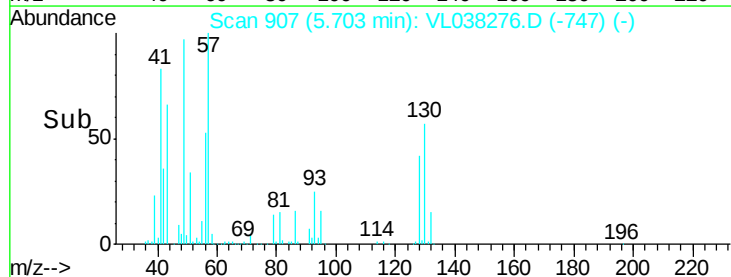
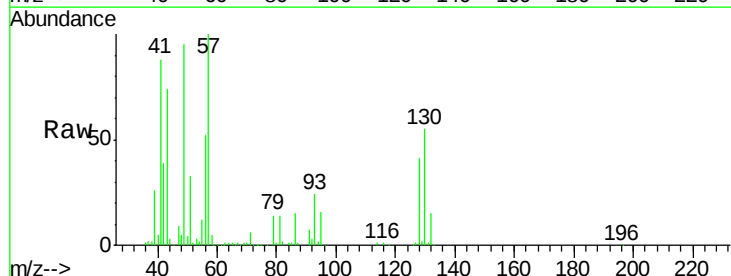
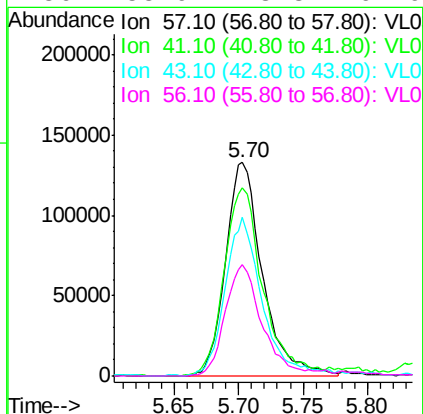
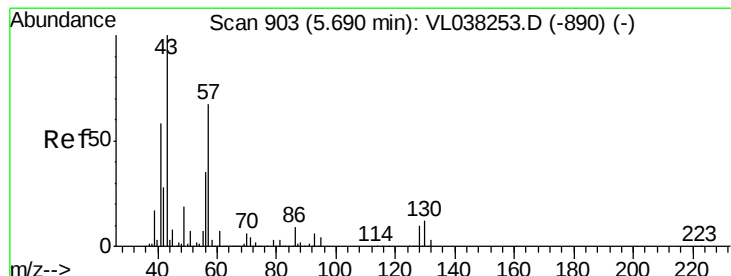
#25
Ethyl Acetate
Concen: 0.972 ppbv
RT: 5.70 min
Delta R.T.: 0.01 min
Lab File: VL038253.D
Acq: 25 Jan 2022 1:40

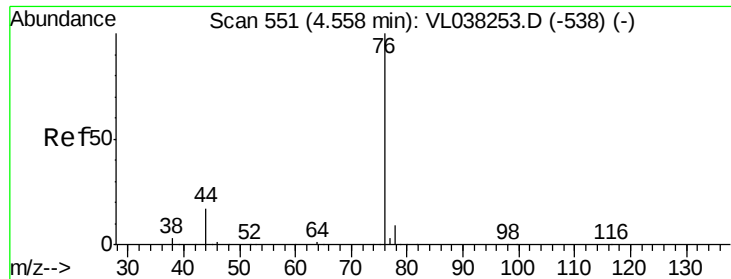
Tgt Ion:	43	Resp:	193068
Ion	Ratio	Lower	Upper
43	100		
45	1.4	7.9	11.9#
61	0.8	7.8	11.8#
70	1.6	5.4	8.0#



#26
Hexane
Concen: 2.864 ppbv
RT: 5.70 min Scan# 907
Delta R.T.: 0.01 min
Lab File: VL038276.D
Acq: 25 Jan 2022 1:40

Tgt Ion:	57	Resp:	264669
Ion	Ratio	Lower	Upper
57	100		
41	93.8	72.8	109.2
43	74.0	177.0	265.6#
56	55.9	43.3	64.9





#27

Carbon Disulfide

Concen: 0.826 ppbv

RT: 4.56 Instrument: MSVOA_1

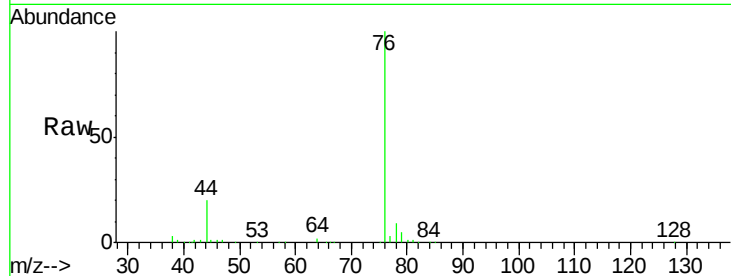
Delta R.T. ClientSampleId:

Lab File: SG-3

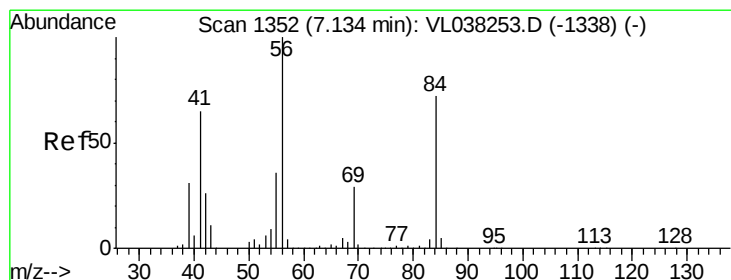
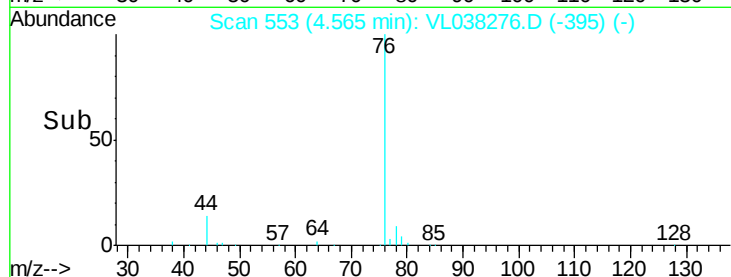
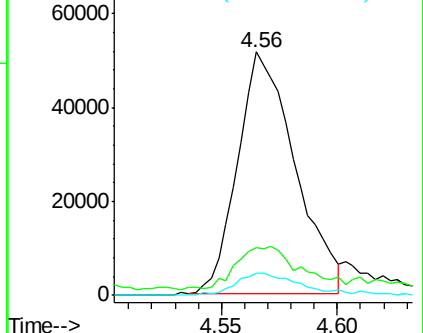
Acq: 25 Jan 2022 1:40

Tgt Ion: 76 Resp: 89289

Ion	Ratio	Lower	Upper
76	100		
44	23.4	14.8	22.2#
78	10.9	7.9	11.9



Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0



#30

Cyclohexane

Concen: 0.648 ppbv

RT: 7.15 min Scan# 1356

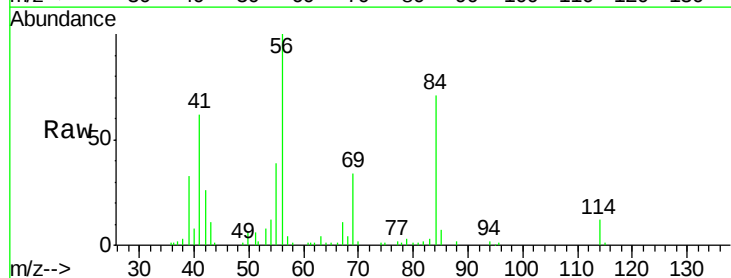
Delta R.T. 0.01 min

Lab File: VL038276.D

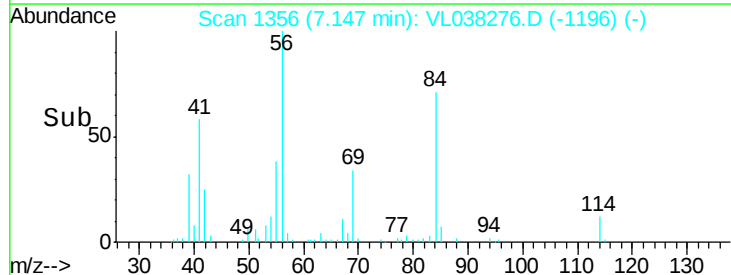
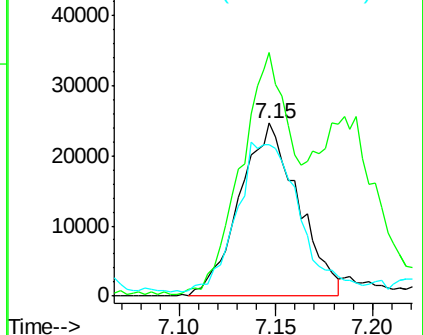
Acq: 25 Jan 2022 1:40

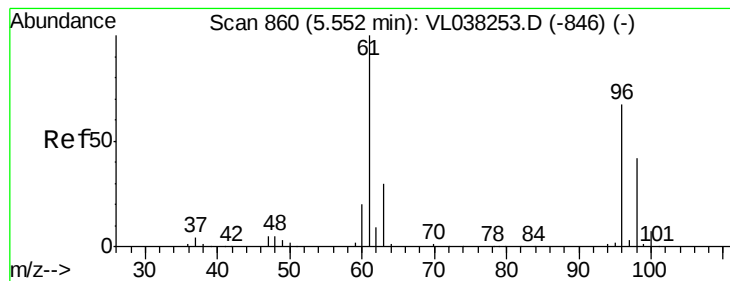
Tgt Ion: 84 Resp: 52156

Ion	Ratio	Lower	Upper
84	100		
56	116.3	112.7	169.1
41	94.8	71.1	106.7



Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0





#31

cis-1,2-Dichloroethene

Concen: 0.077 ppbv

RT: 5.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Jan 2022 1:40 SG-3

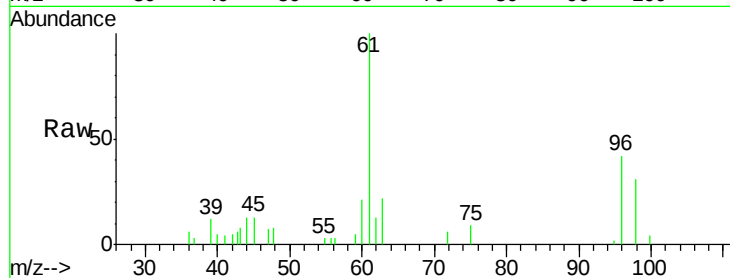
Tgt Ion: 61 Resp: 6183

Ion Ratio Lower Upper

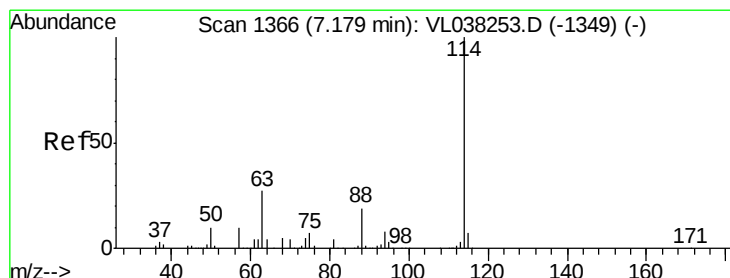
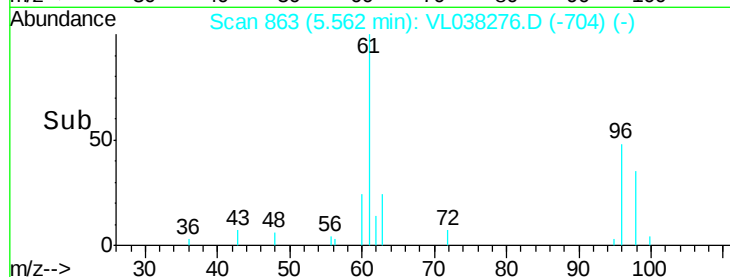
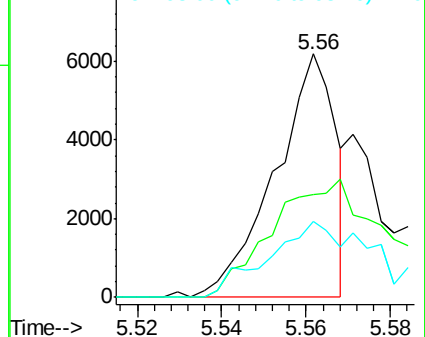
61 100

96 42.1 53.3 79.9#

98 31.3 33.7 50.5#



Abundance Ion 61.10 (60.80 to 61.80): VL0
Ion 96.00 (95.70 to 96.70): VL0
Ion 98.00 (97.70 to 98.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VL038276.D

Acq: 25 Jan 2022 1:40

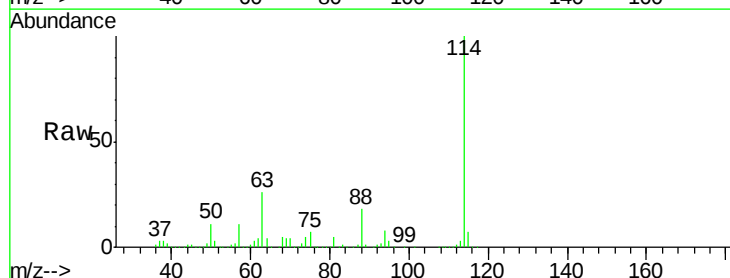
Tgt Ion: 114 Resp: 2078019

Ion Ratio Lower Upper

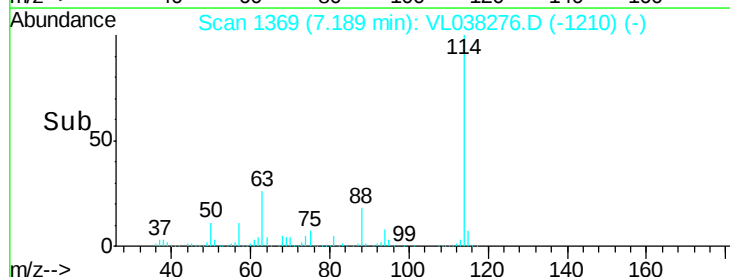
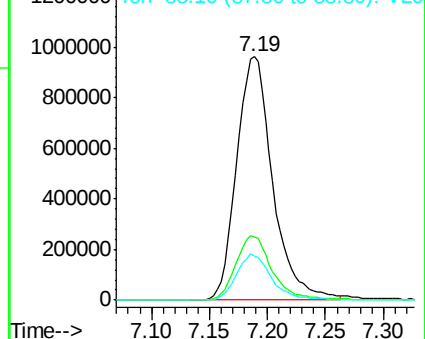
114 100

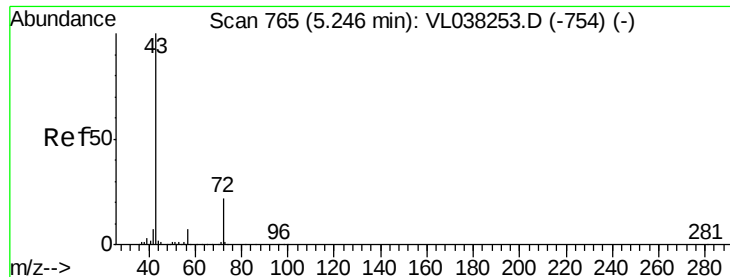
63 26.9 22.0 33.0

88 18.6 15.0 22.6



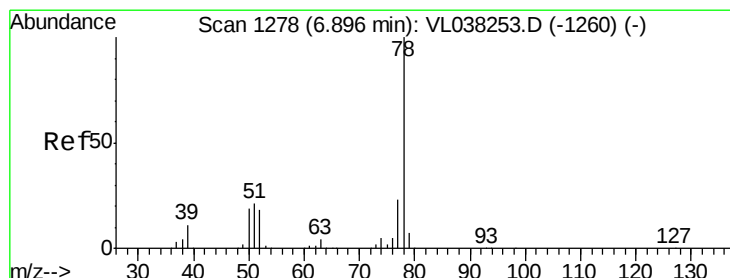
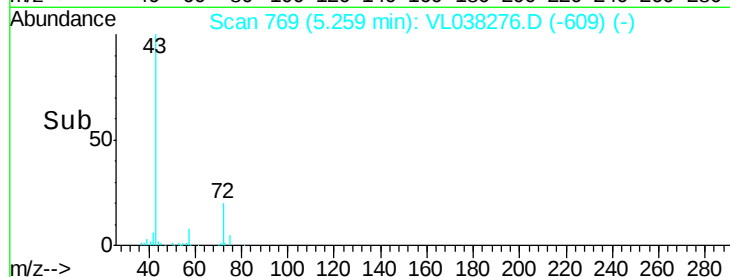
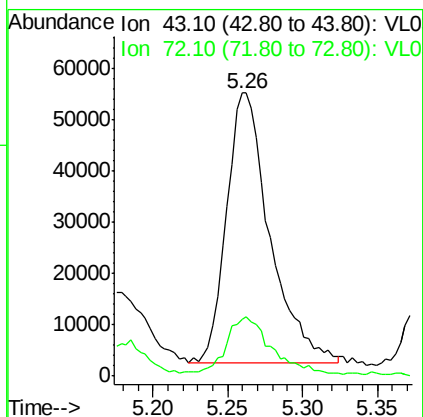
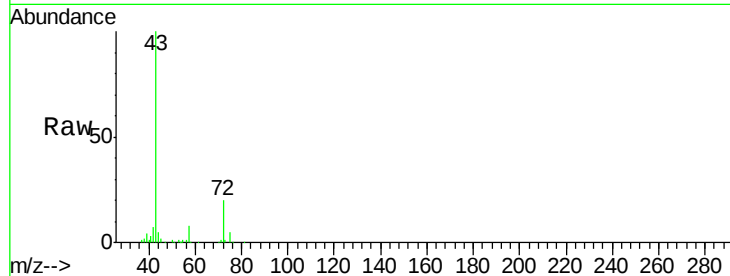
Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





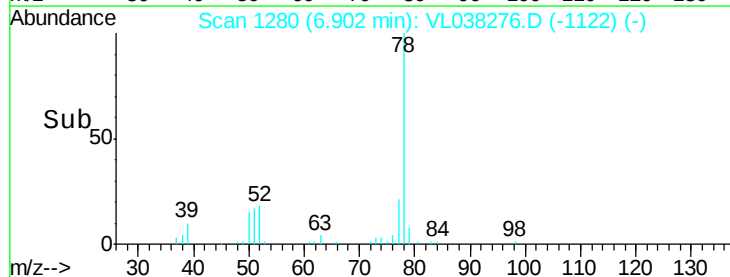
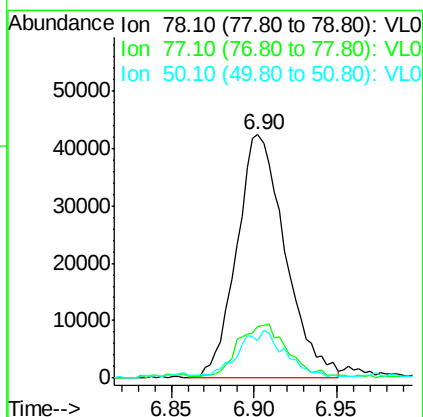
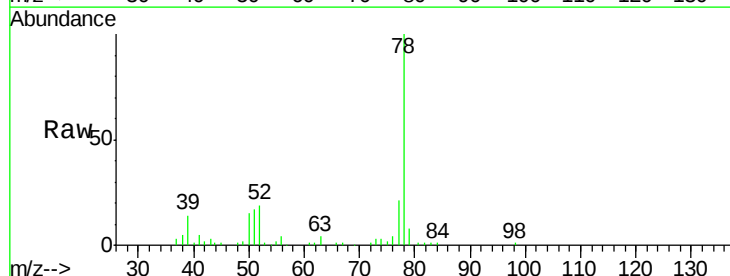
#34
 2-Butanone
 Concen: 1.561 ppbv
 RT: 5.26
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 SG-3
 Acq: 25 Jan 2022 1:40

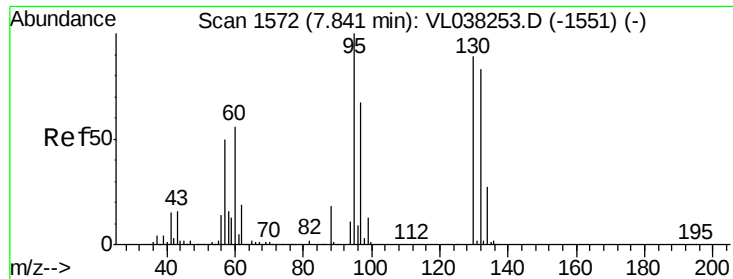
Tgt Ion: 43 Resp: 106084
 Ion Ratio Lower Upper
 43 100
 72 25.3 18.1 27.1



#36
 Benzene
 Concen: 0.470 ppbv
 RT: 6.90 min Scan# 1280
 Delta R.T. 0.01 min
 Lab File: VL038276.D
 Acq: 25 Jan 2022 1:40

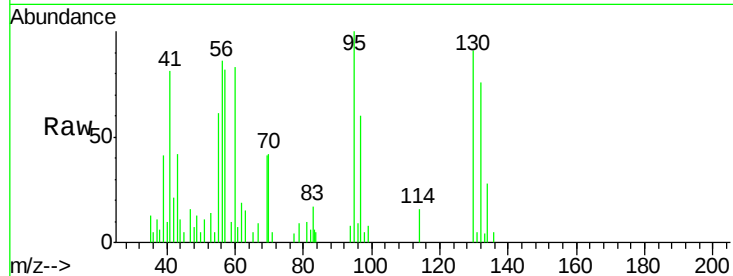
Tgt Ion: 78 Resp: 86350
 Ion Ratio Lower Upper
 78 100
 77 20.3 18.2 27.2
 50 14.6 15.1 22.7#





#38
 Trichloroethene
 Concen: 0.042 ppbv
 RT: 7.84
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 25 Jan 2022 1:40

Tgt Ion:	130	Resp:	2852
Ion	Ratio	Lower	Upper
130	100		
95	112.0	89.4	134.2
132	88.2	74.6	111.8
97	63.7	59.6	89.4

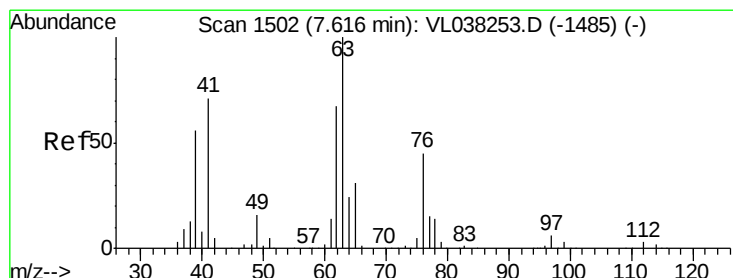
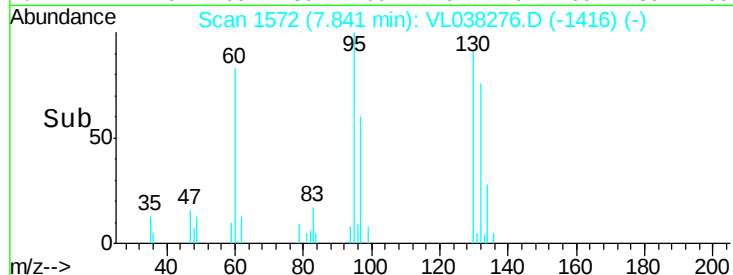
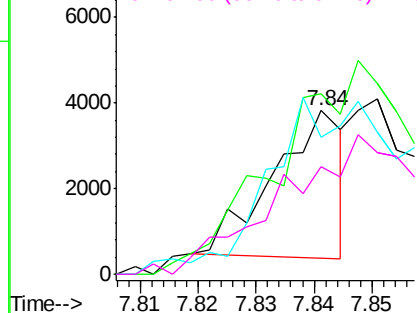


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

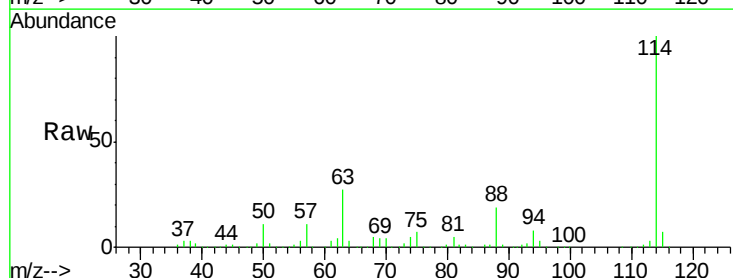
Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#39
 1,2-Dichloropropane
 Concen: 7.348 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. -0.43 min
 Lab File: VL038276.D
 Acq: 25 Jan 2022 1:40

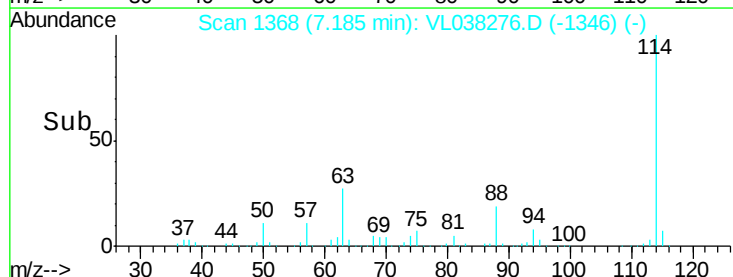
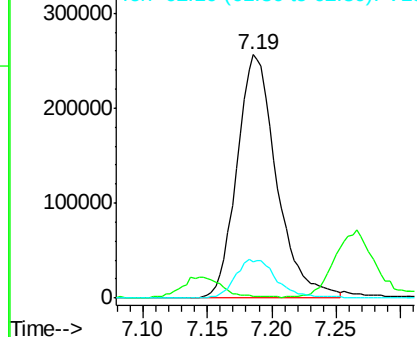
Tgt Ion:	63	Resp:	547570
Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.6	85.0#
62	14.7	53.9	80.9#

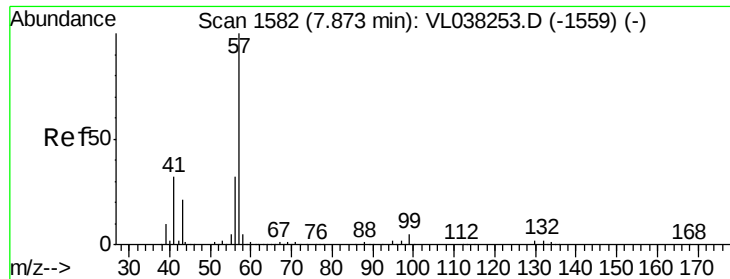


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

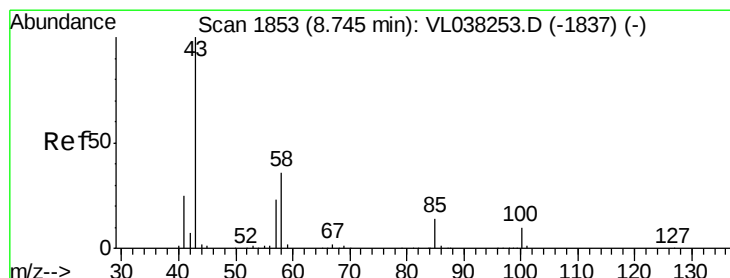
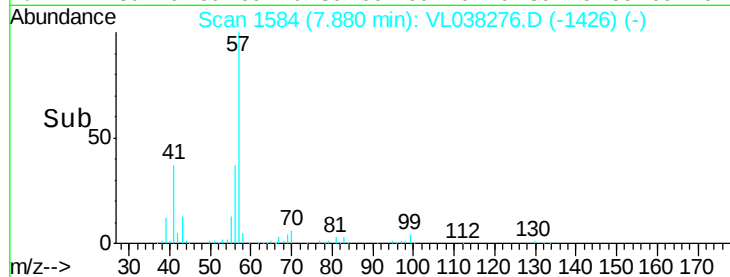
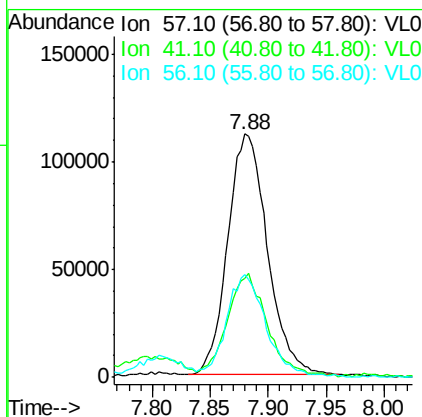
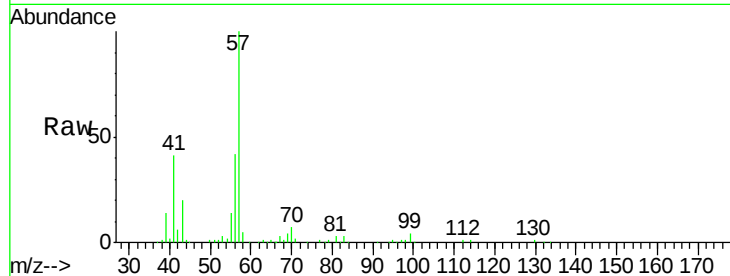
Ion 62.10 (61.80 to 62.80): VL0





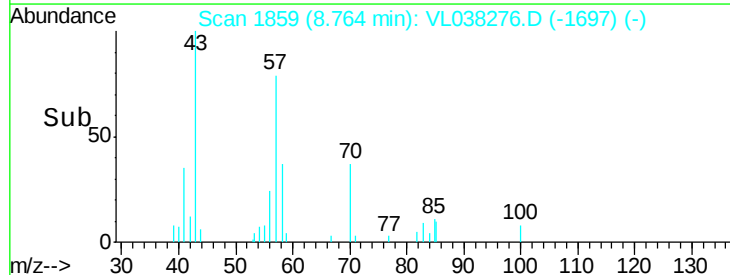
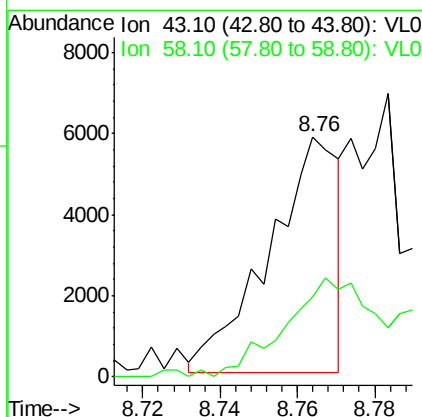
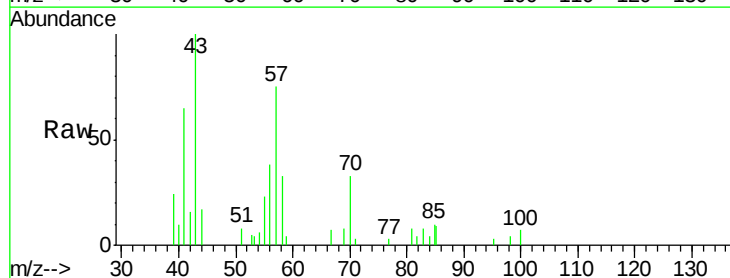
#44
 2,2,4-Trimethylpentane
 Concen: 0.825 ppbv
 RT: 7.88
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Jan 2022 1:40

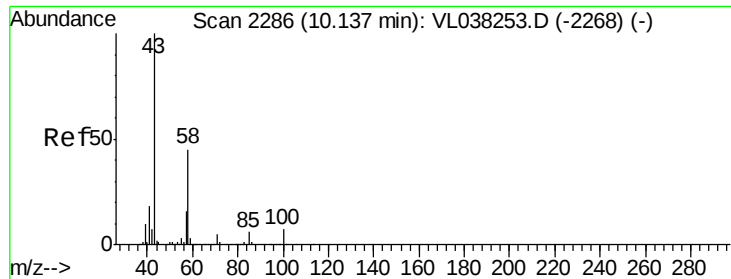
Tgt Ion	Resp	Lower	Upper
57	267193		
41	43.1	26.3	39.5#
56	41.9	25.2	37.8#



#50
 4-Methyl-2-Pentanone
 Concen: 0.060 ppbv
 RT: 8.76 min Scan# 1859
 Delta R.T. 0.02 min
 Lab File: VL038276.D
 Acq: 25 Jan 2022 1:40

Tgt Ion	Resp	Lower	Upper
43	7293		
58	83.0	28.2	42.4#





#51

2-Hexanone

Concen: 0.579 ppbv

RT: 10.16

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Jan 2022 1:40

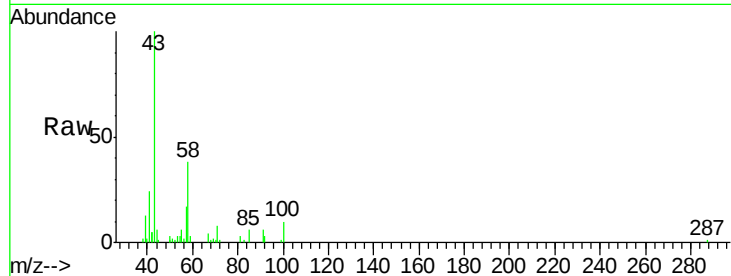
Tgt Ion: 43 Resp: 30892

Ion Ratio Lower Upper

43 100

58 61.7 37.0 55.4#

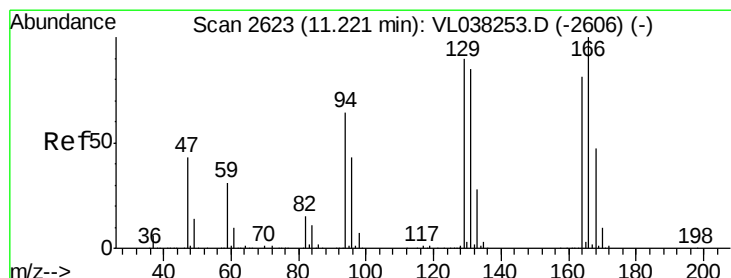
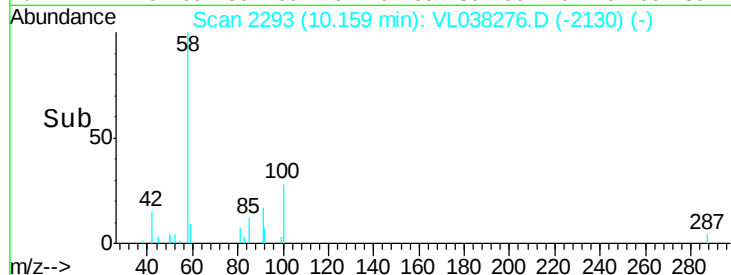
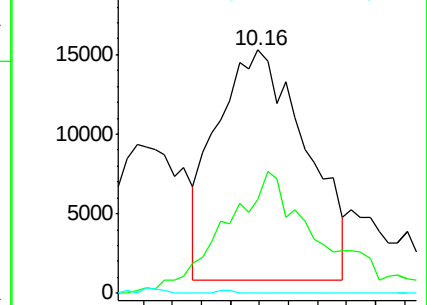
98 0.0 0.2 0.2#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 98.20 (97.90 to 98.90): VL0



#52

Tetrachloroethene

Concen: 10.375 ppbv

RT: 11.23 min Scan# 2626

Delta R.T. 0.01 min

Lab File: VL038276.D

Acq: 25 Jan 2022 1:40

Tgt Ion: 164 Resp: 657273

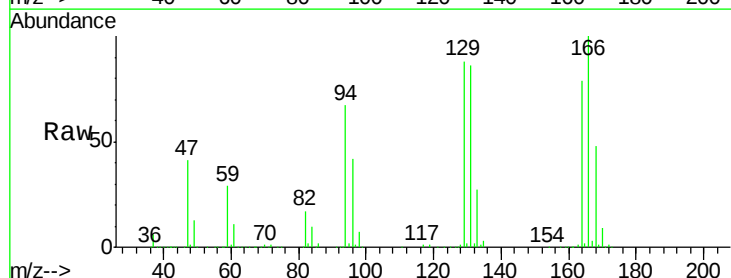
Ion Ratio Lower Upper

164 100

166 126.7 98.8 148.2

129 111.6 89.2 133.8

131 108.6 83.6 125.4

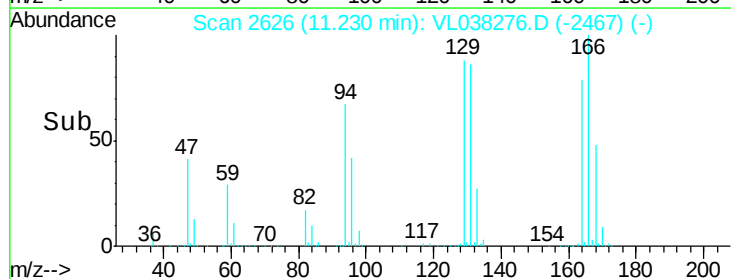
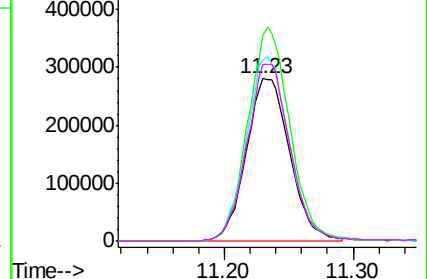


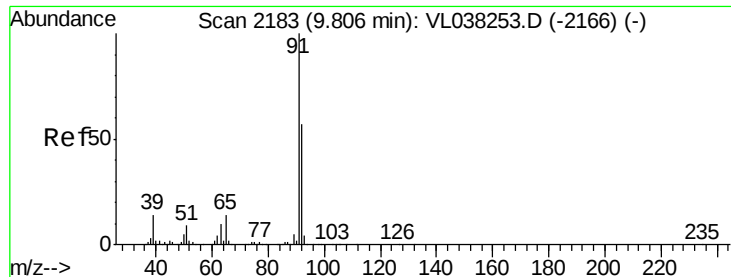
Abundance Ion 163.90 (163.60 to 164.60): V

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: 6.235 ppbv

RT: 9.82 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: SG-3

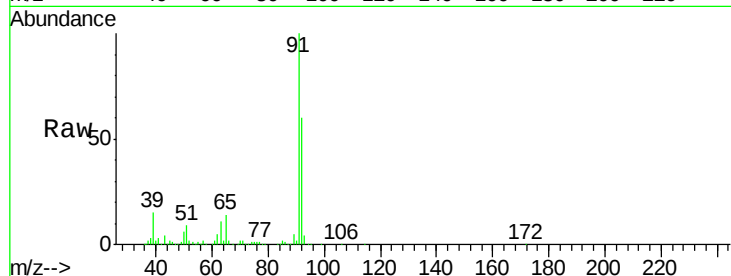
Acq: 25 Jan 2022 1:40

Tgt Ion: 91 Resp: 1268576

Ion Ratio Lower Upper

91 100

92 59.7 47.4 71.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

600000

500000

400000

300000

200000

100000

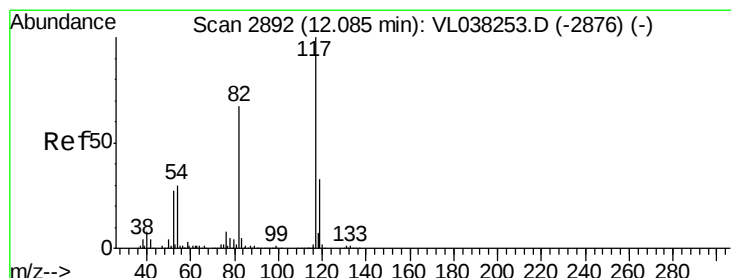
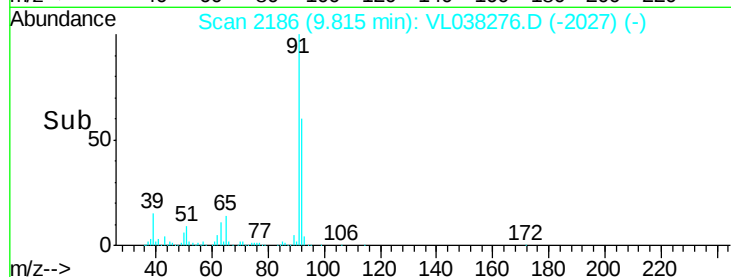
0

9.70

9.80

9.90

Time-->



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2895

Delta R.T. 0.01 min

Lab File: VL038276.D

Acq: 25 Jan 2022 1:40

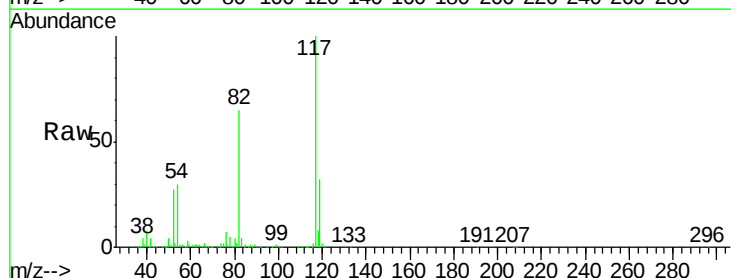
Tgt Ion: 117 Resp: 1844055

Ion Ratio Lower Upper

117 100

82 69.9 54.4 81.6

119 33.9 45.9 68.9#



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V

1000000

800000

600000

400000

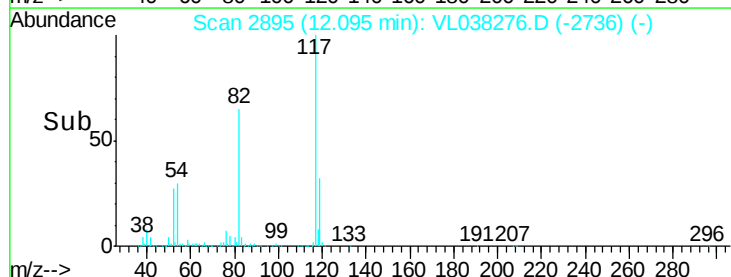
200000

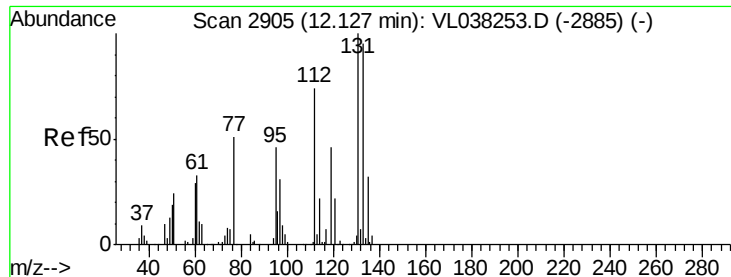
0

12.00

12.10

Time-->





#56

1,1,1,2-Tetrachloroethane

Concen: 0.345 ppbv

RT: 11.70

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Jan 2022 1:40

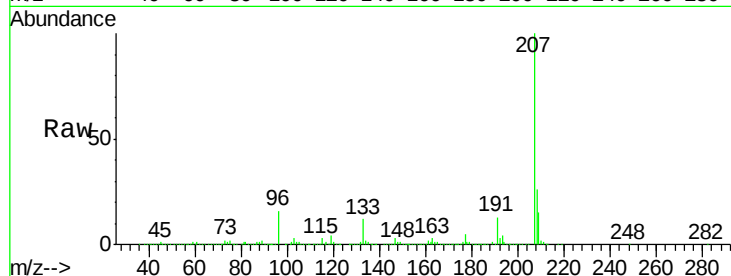
Tgt Ion: 131 Resp: 27837

Ion Ratio Lower Upper

131 100

133 5026.2 76.0 114.0#

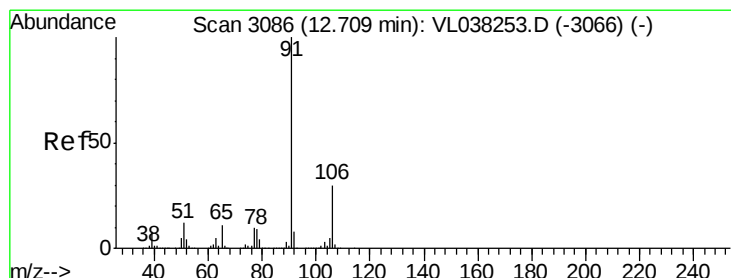
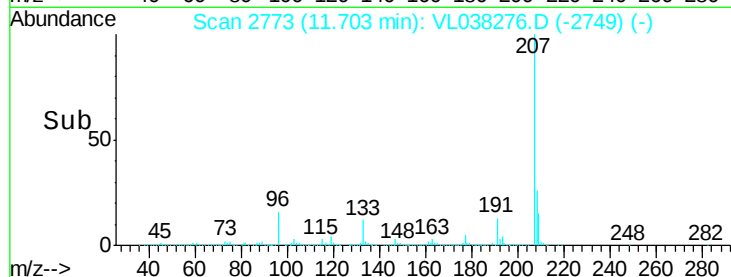
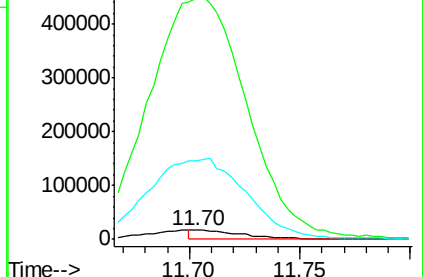
119 1688.2 53.0 79.4#



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#58

Ethyl Benzene

Concen: 0.324 ppbv

RT: 12.72 min Scan# 3089

Delta R.T. 0.01 min

Lab File: VL038276.D

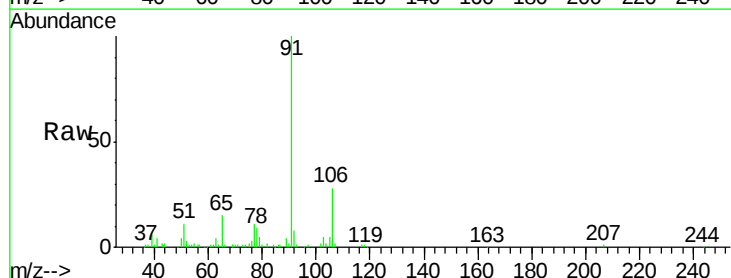
Acq: 25 Jan 2022 1:40

Tgt Ion: 91 Resp: 87855

Ion Ratio Lower Upper

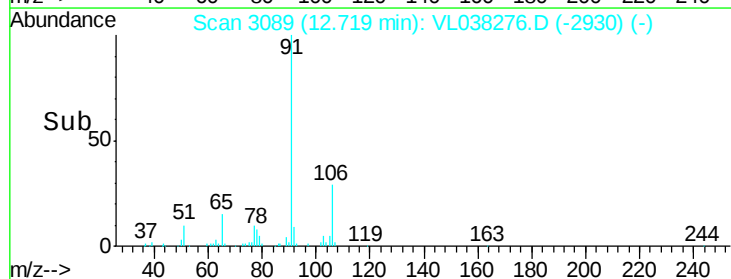
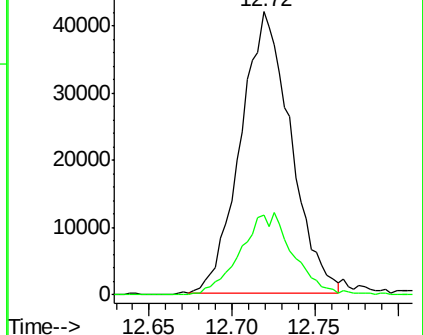
91 100

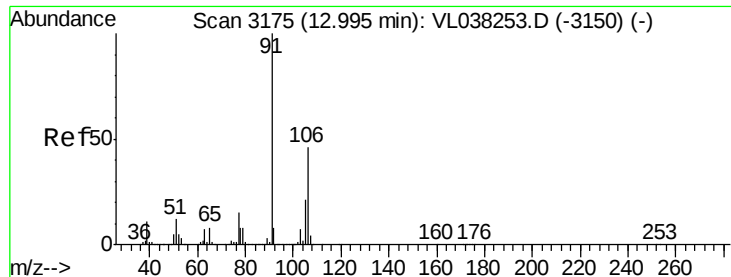
106 28.6 24.1 36.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

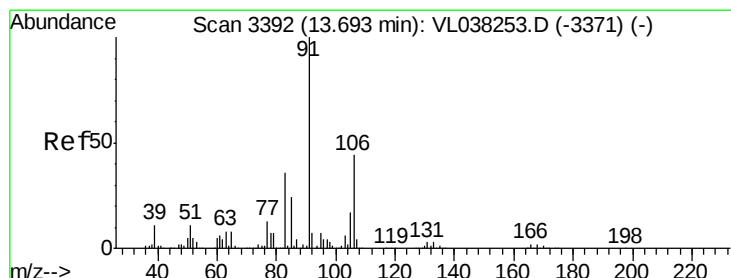
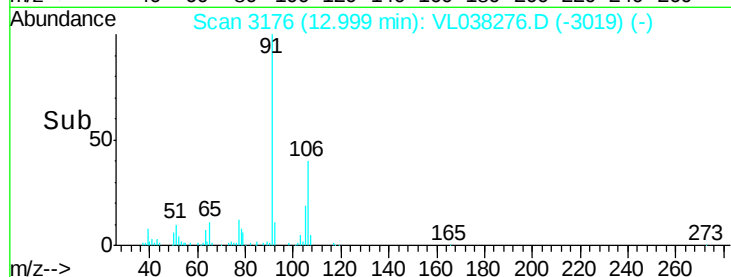
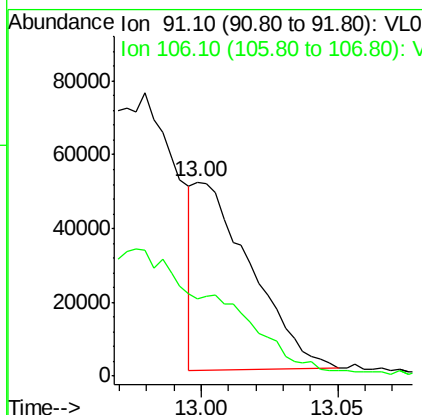
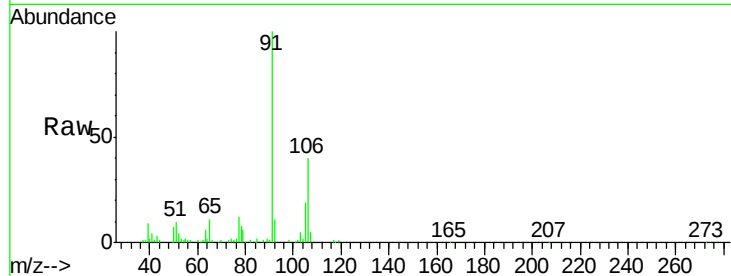
Ion 106.10 (105.80 to 106.80): V





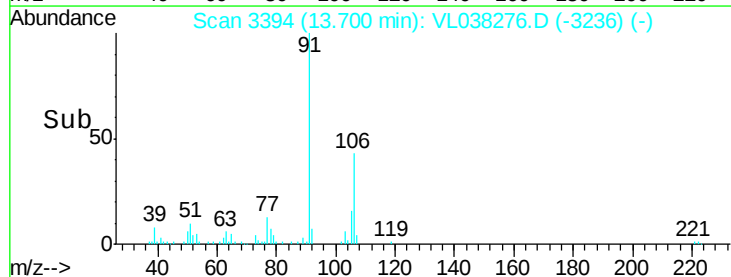
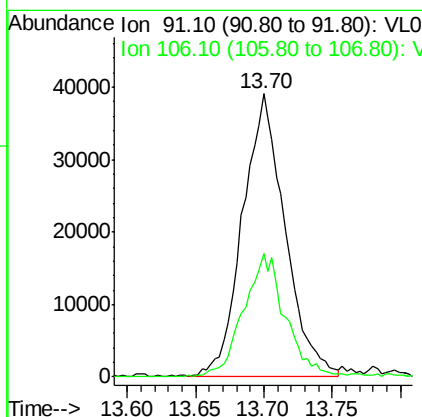
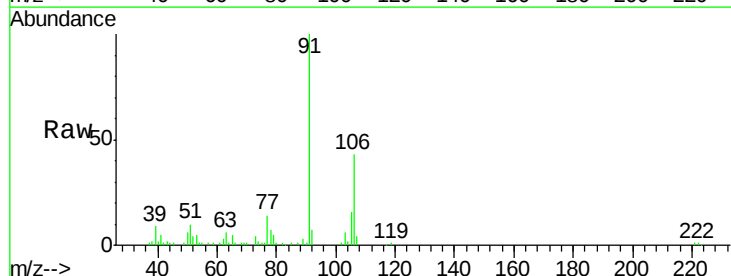
#59
m/p-Xylene
Concen: 0.314 ppbv
RT: 13.00 min
Delta R.T. 0.01 min
Lab File: VL038276.D
Acq: 25 Jan 2022 1:40

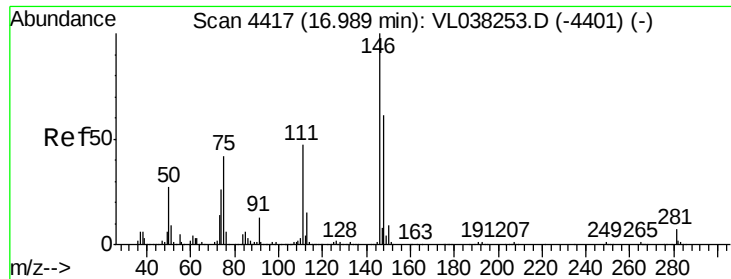
Tgt Ion: 91 Resp: 72659
Ion Ratio Lower Upper
91 100
106 0.0 34.8 52.2#



#60
o-Xylene
Concen: 0.394 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. 0.01 min
Lab File: VL038276.D
Acq: 25 Jan 2022 1:40

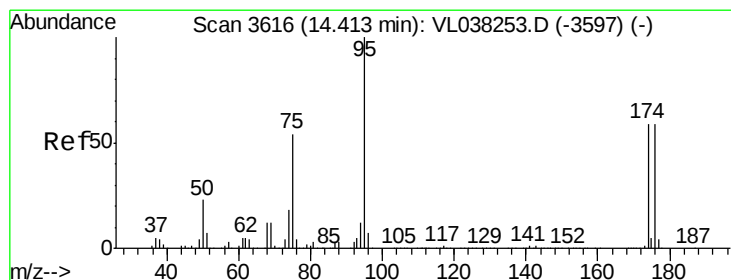
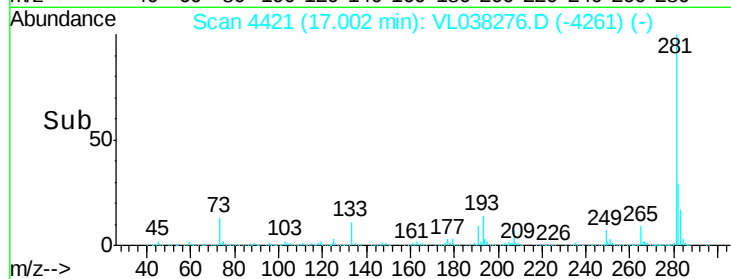
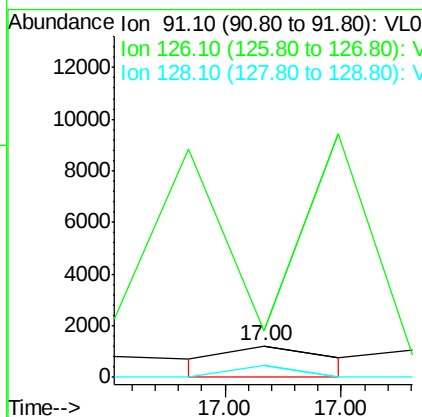
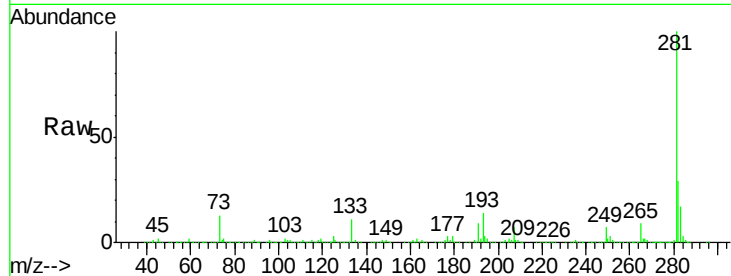
Tgt Ion: 91 Resp: 84675
Ion Ratio Lower Upper
91 100
106 42.9 22.2 66.6





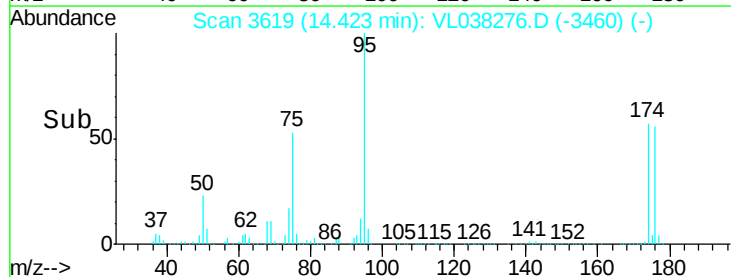
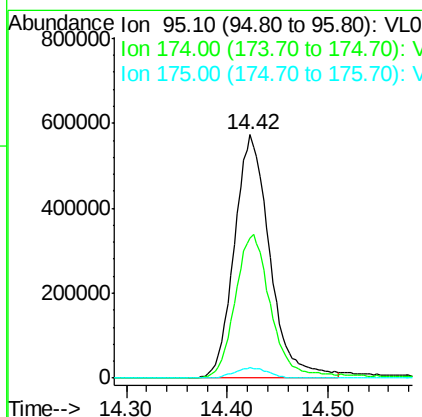
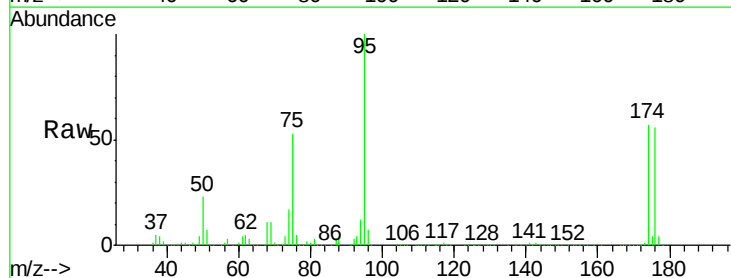
#66
Benzyl Chloride
Concen: 0.035 ppbv
RT: 17.00 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : SG-3
Acq: 25 Jan 2022 1:40

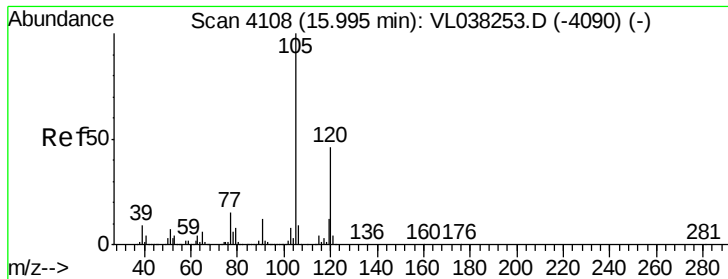
Tgt Ion: 91 Resp: 377
Ion Ratio Lower Upper
91 100
126 0.0 12.6 18.8#
128 0.0 4.3 6.5#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.975 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. 0.01 min
Lab File: VL038276.D
Acq: 25 Jan 2022 1:40

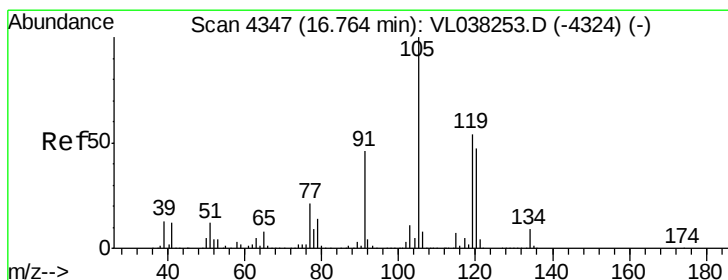
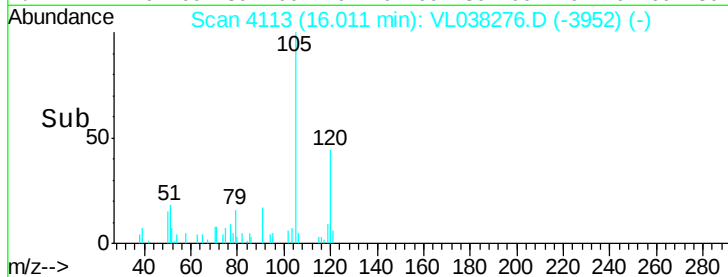
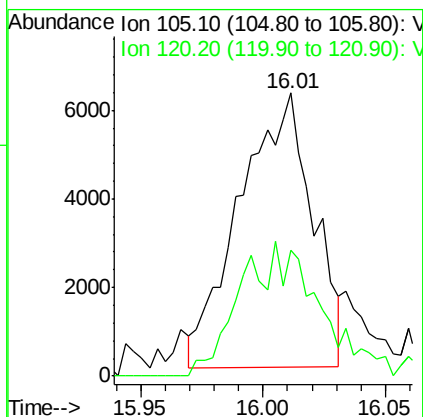
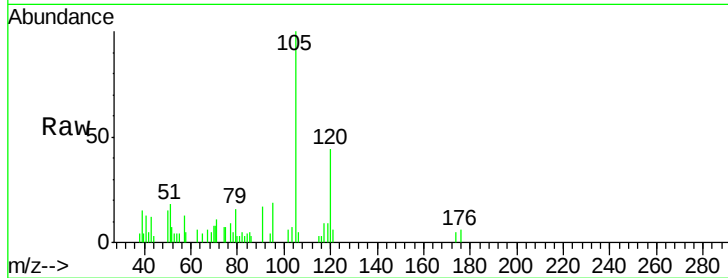
Tgt Ion: 95 Resp: 1396189
Ion Ratio Lower Upper
95 100
174 61.5 48.3 72.5
175 4.4 3.5 5.3





#73
 1,3,5-Trimethylbenzene
 Concen: 0.064 ppbv
 RT: 16.01 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : SG-3
 Acq: 25 Jan 2022 1:40

Tgt Ion:105 Resp: 12912
 Ion Ratio Lower Upper
 105 100
 120 58.6 36.6 55.0#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.213 ppbv
 RT: 16.77 min Scan# 4348
 Delta R.T. 0.00 min
 Lab File: VL038276.D
 Acq: 25 Jan 2022 1:40

Tgt Ion:105 Resp: 45281
 Ion Ratio Lower Upper
 105 100
 120 38.9 37.2 55.8
 91 14.3 36.6 55.0#
 77 19.6 16.9 25.3

