

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030122\
 Data File : VL038467.D
 Acq On : 2 Mar 2022 1:37
 Operator : SY/AP
 Sample : N1723-02 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 FSG3

Quant Time: Mar 02 03:09:37 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	939954	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.18	114	2173423	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	2047163	10.00	ppbv	0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	1674293	9.88	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.80%

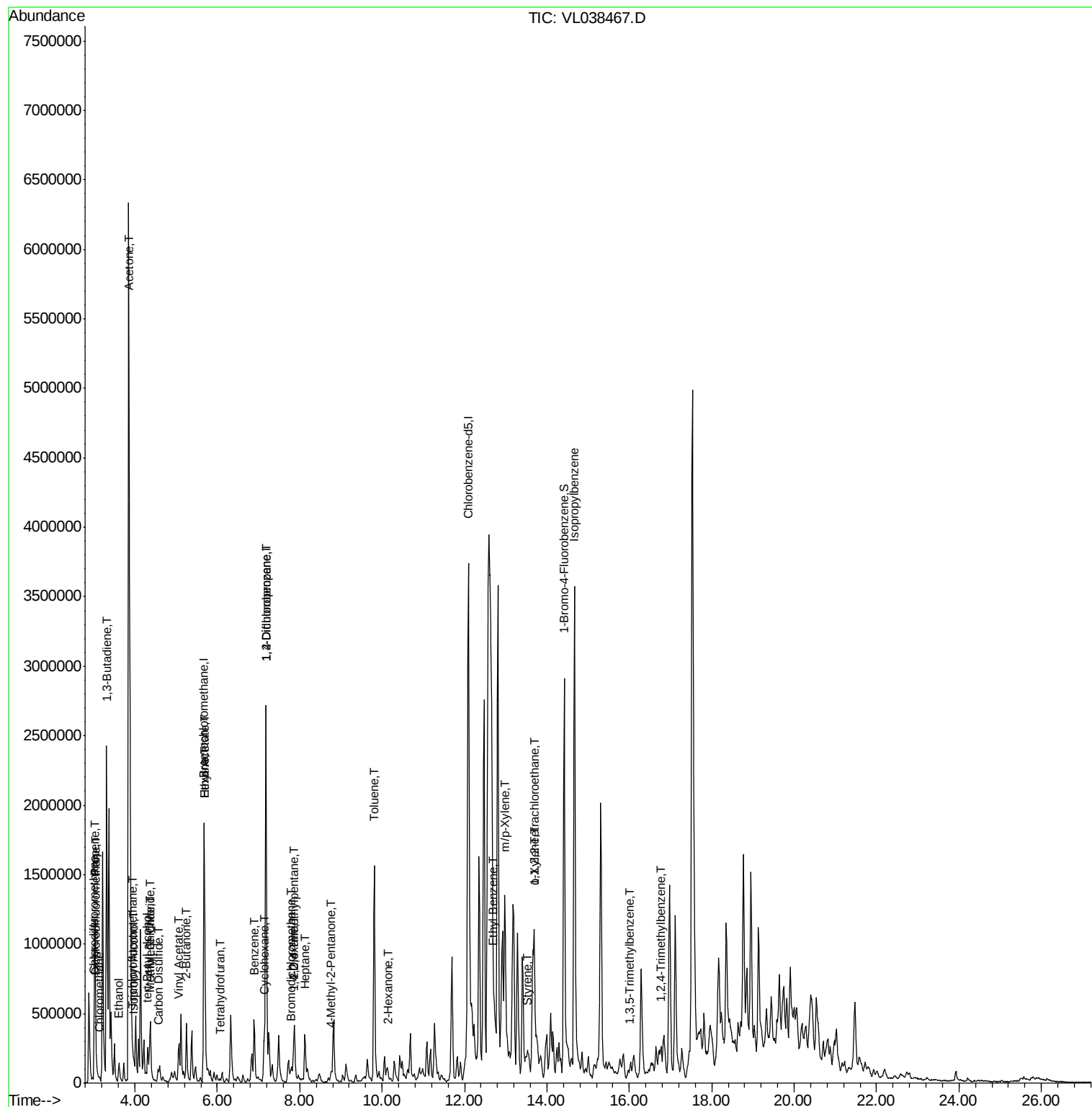
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.06	85	19457	0.13	ppbv	92
3) Chlorodifluoromethane	3.00	51	42114	0.25	ppbv #	78
4) Chloromethane	3.15	50	18744	0.33	ppbv	95
9) Propene	3.02	41	567416	10.35	ppbv	91
10) Heptane	8.13	43	149767	1.12	ppbv	97
11) Trichlorofluoromethane	3.96	101	9163	0.06	ppbv	89
13) Ethanol	3.61	45	187673	34.31	ppbv	91
15) Acetone	3.85	43	9447058	118.19	ppbv	96
16) 1,3-Butadiene	3.31	39	823196	15.42	ppbv #	21
17) tert-Butyl alcohol	4.30	59	103080	1.29	ppbv #	72
19) Isopropyl Alcohol	3.97	45	36887	0.80	ppbv #	93
20) Methylene Chloride	4.35	84	79156	2.00	ppbv	98
21) Allyl Chloride	4.38	41	57690	0.85	ppbv #	26
23) Vinyl Acetate	5.06	43	83277	0.79	ppbv #	1
25) Ethyl Acetate	5.69	43	198140	0.92	ppbv #	81
26) Hexane	5.69	57	266609	2.74	ppbv #	42
27) Carbon Disulfide	4.56	76	105203	0.97	ppbv #	94
30) Cyclohexane	7.13	84	104224	1.31	ppbv #	73
34) 2-Butanone	5.24	43	555815	8.13	ppbv	98
36) Benzene	6.89	78	380172	1.99	ppbv	93
39) 1,2-Dichloropropane	7.18	63	585011	7.68	ppbv #	26
40) 1,4-Dioxane	7.85	88	61073	3.38	ppbv #	1
41) Tetrahydrofuran	6.06	42	5346	0.12	ppbv #	21
42) Bromodichloromethane	7.80	83	6533	0.04	ppbv #	34
44) 2,2,4-Trimethylpentane	7.87	57	293744	0.89	ppbv #	69
50) 4-Methyl-2-Pentanone	8.75	43	14389	0.12	ppbv #	40
51) 2-Hexanone	10.14	43	41279	0.76	ppbv #	87
53) Toluene	9.81	91	1244967	5.99	ppbv	99
58) Ethyl Benzene	12.71	91	180874	0.65	ppbv	94
59) m/p-Xylene	12.97	91	372746	1.55	ppbv	93
60) o-Xylene	13.69	91	114859	0.51	ppbv	99
61) Styrene	13.54	104	23392	0.22	ppbv #	24
62) Isopropylbenzene	14.67	105	3424952	11.23	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.69	83	22887	0.12	ppbv #	24
73) 1,3,5-Trimethylbenzene	16.00	105	13272	0.06	ppbv #	78
74) 1,2,4-Trimethylbenzene	16.76	105	36956	0.15	ppbv #	68

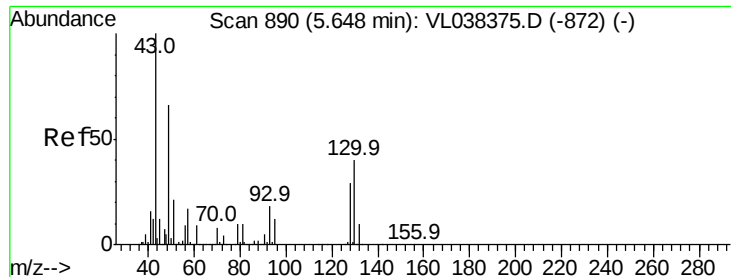
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030122\
Data File : VL038467.D
Acq On : 2 Mar 2022 1:37
Operator : SY/AP
Sample : N1723-02 2X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
FSG3

Quant Time: Mar 02 03:09:37 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 2 Mar 2022 1:37 FSG3

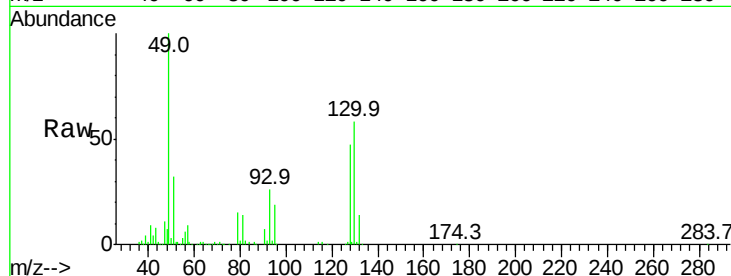
Tgt Ion: 49 Resp: 939954

Ion Ratio Lower Upper

49 100

128 44.6 24.3 72.9

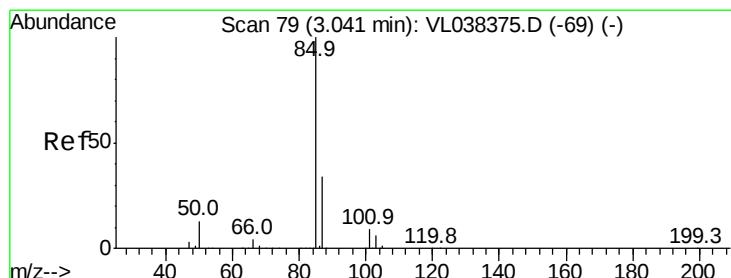
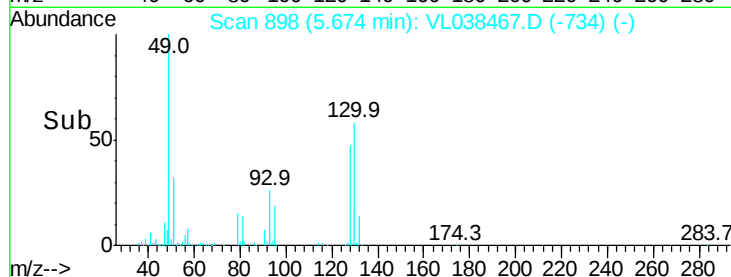
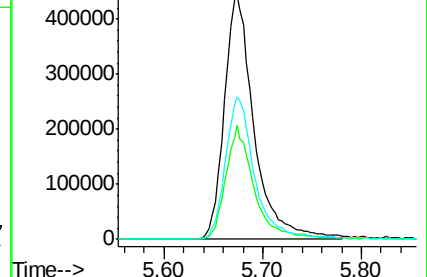
130 58.2 30.1 90.5



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: 0.13 ppbv

RT: 3.06 min Scan# 84

Delta R.T. 0.02 min

Lab File: VL038467.D

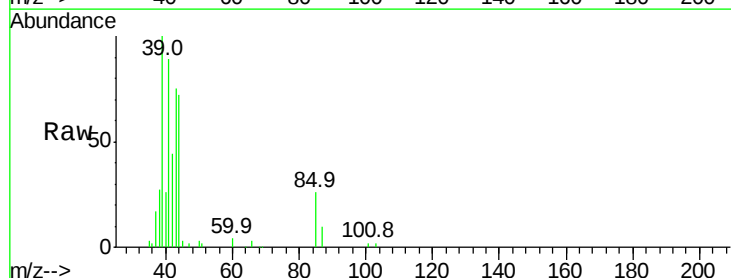
Acq: 2 Mar 2022 1:37

Tgt Ion: 85 Resp: 19457

Ion Ratio Lower Upper

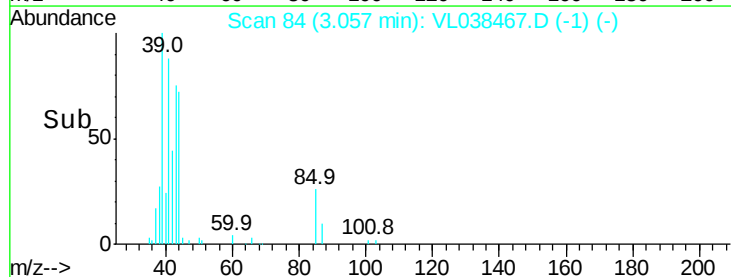
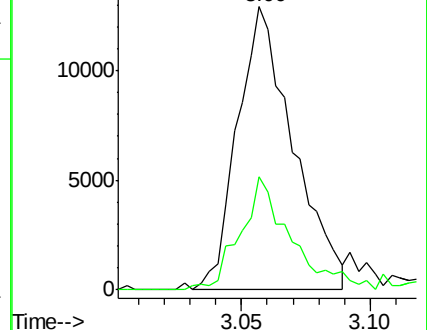
85 100

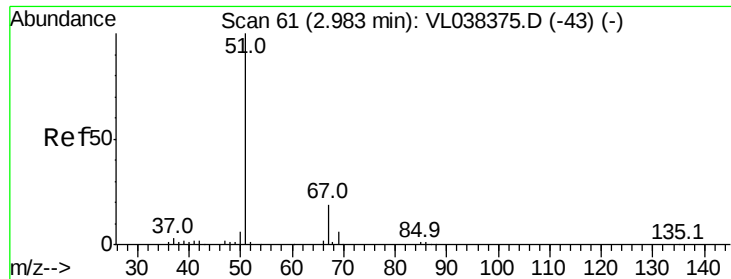
87 38.6 27.4 41.0



Abundance Ion 85.00 (84.70 to 85.70): VL0

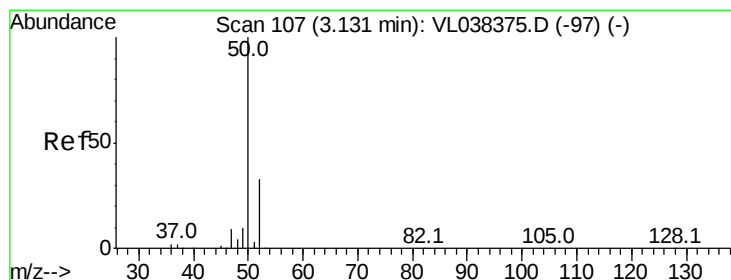
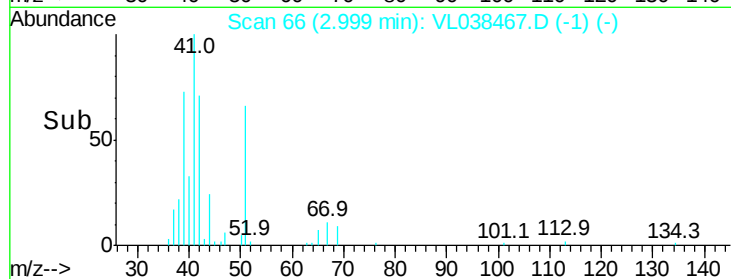
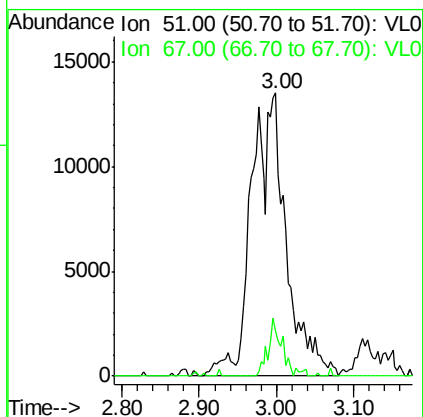
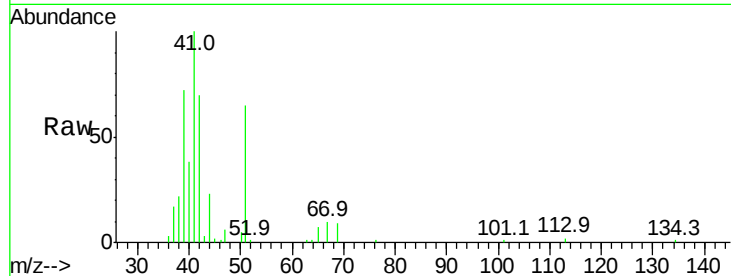
Ion 87.00 (86.70 to 87.70): VL0





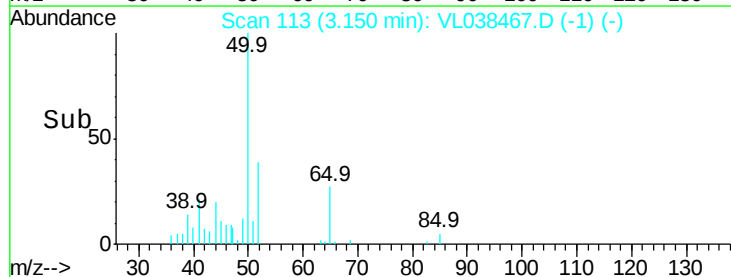
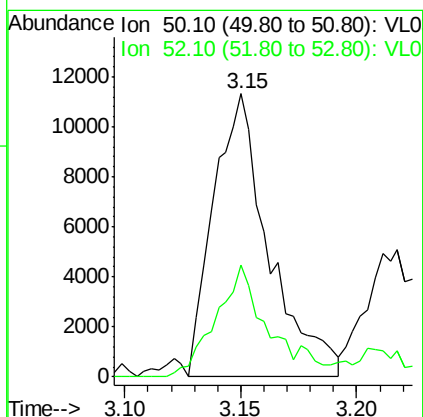
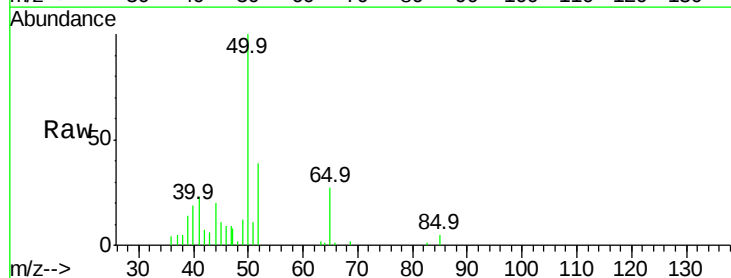
#3
 Chlorodifluoromethane
 Concen: 0.25 ppbv
 RT: 3.00
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 FSG3
 Acq: 2 Mar 2022 1:37

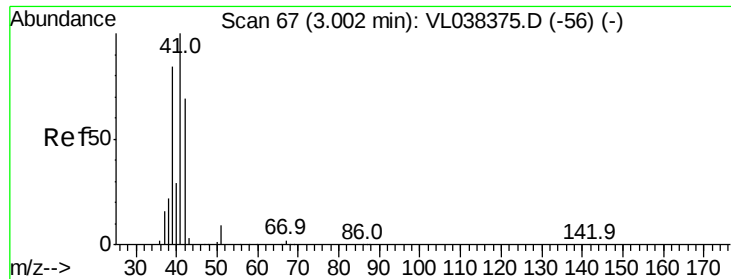
Tgt Ion: 51 Resp: 42114
 Ion Ratio Lower Upper
 51 100
 67 8.5 14.7 22.1#



#4
 Chloromethane
 Concen: 0.33 ppbv
 RT: 3.15 min Scan# 113
 Delta R.T. 0.02 min
 Lab File: VL038467.D
 Acq: 2 Mar 2022 1:37

Tgt Ion: 50 Resp: 18744
 Ion Ratio Lower Upper
 50 100
 52 35.8 26.5 39.7





#9

Propene

Concen: 10.35 ppbv

RT: 3.02 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

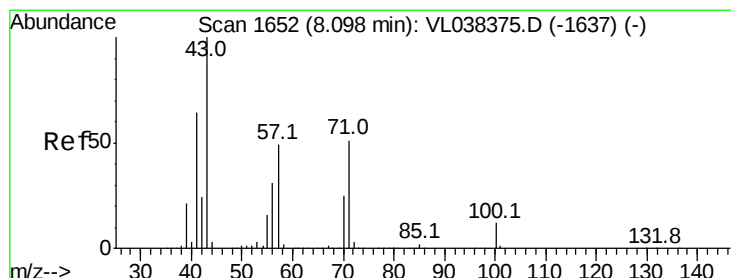
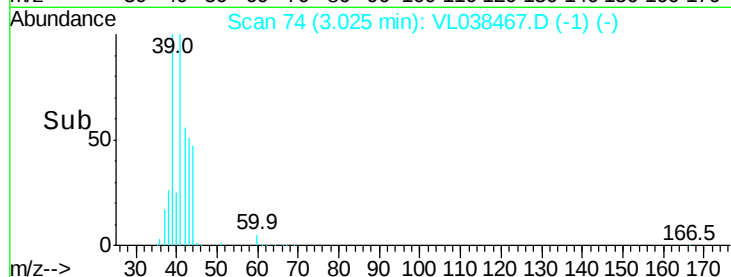
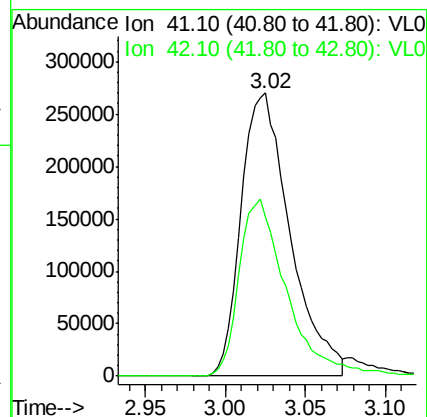
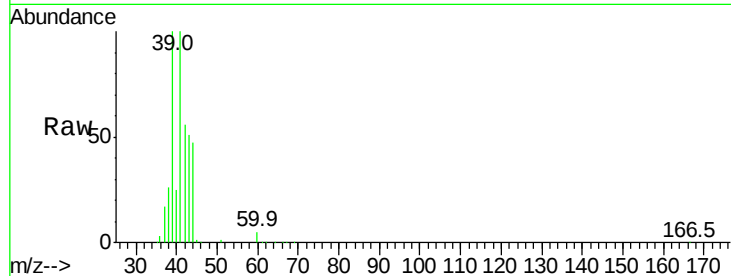
Acq: 2 Mar 2022 1:37

Tgt Ion: 41 Resp: 567416

Ion Ratio Lower Upper

41 100

42 61.3 54.6 82.0



#10

Heptane

Concen: 1.12 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. 0.03 min

Lab File: VL038467.D

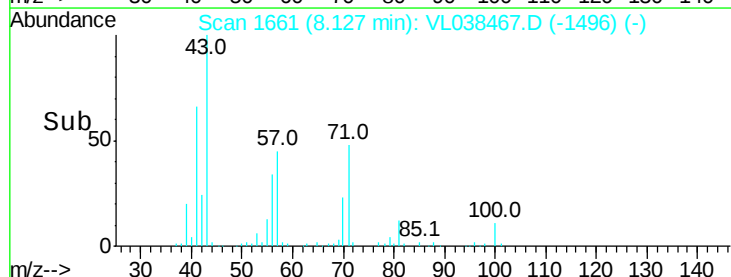
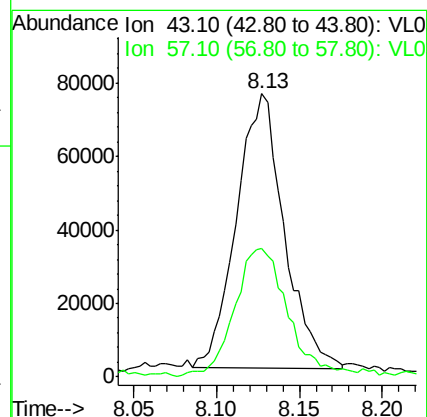
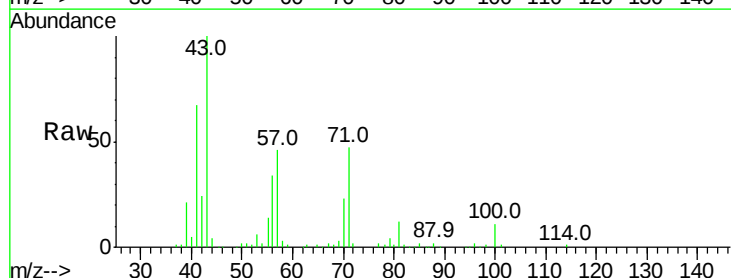
Acq: 2 Mar 2022 1:37

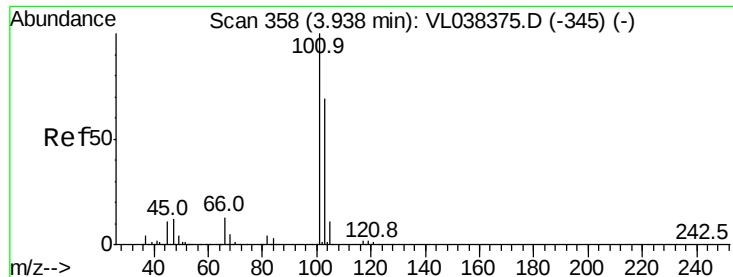
Tgt Ion: 43 Resp: 149767

Ion Ratio Lower Upper

43 100

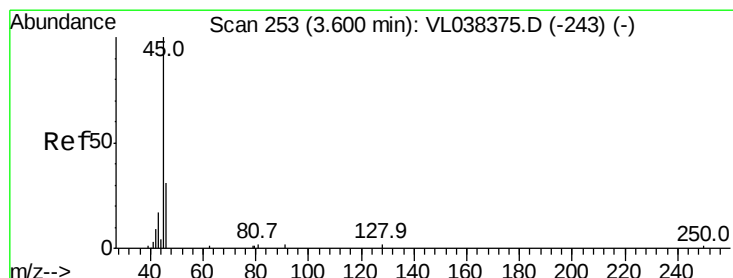
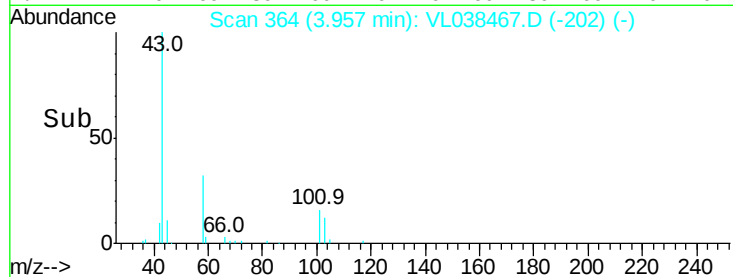
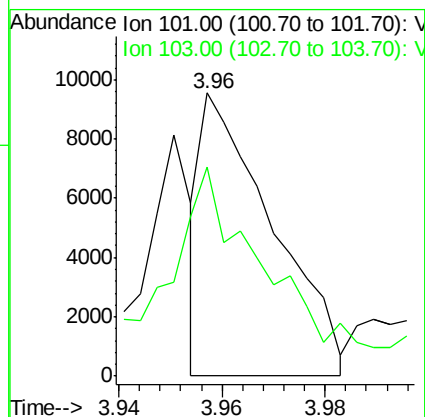
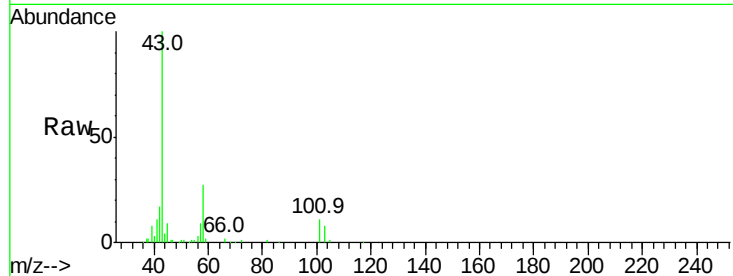
57 52.1 39.8 59.8





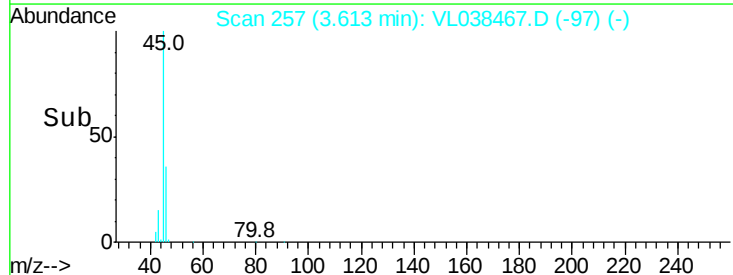
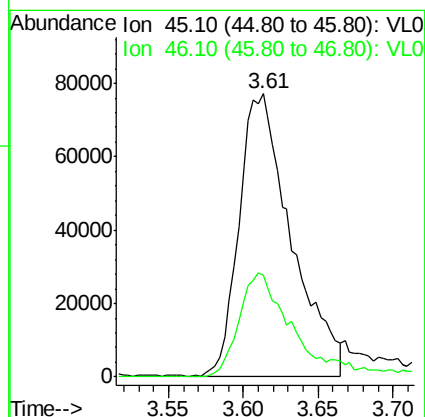
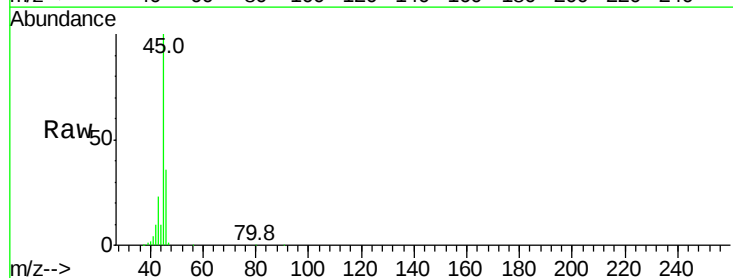
#11
 Trichlorofluoromethane
 Concen: 0.06 ppbv
 RT: 3.96 Instrument :
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 2 Mar 2022 1:37 FSG3

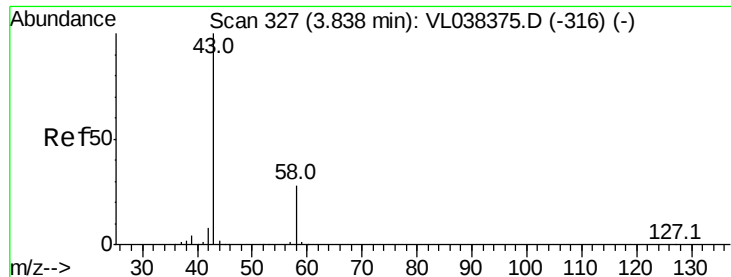
Tgt Ion: 101 Resp: 9163
 Ion Ratio Lower Upper
 101 100
 103 59.7 55.0 82.4



#13
 Ethanol
 Concen: 34.31 ppbv
 RT: 3.61 min Scan# 257
 Delta R.T. 0.01 min
 Lab File: VL038467.D
 Acq: 2 Mar 2022 1:37

Tgt Ion: 45 Resp: 187673
 Ion Ratio Lower Upper
 45 100
 46 39.8 18.2 72.8





#15

Acetone

Concen: 118.19 ppbv

RT: 3.85

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

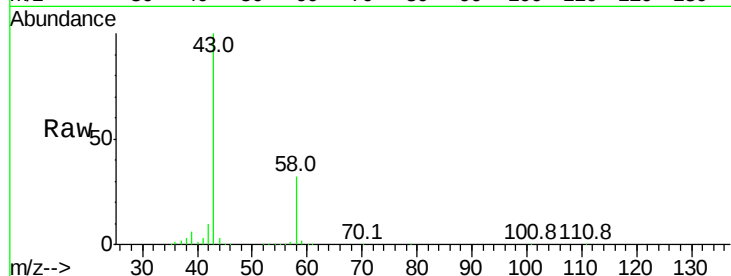
Acq: 2 Mar 2022 1:37

Tgt Ion: 43 Resp: 9447058

Ion Ratio Lower Upper

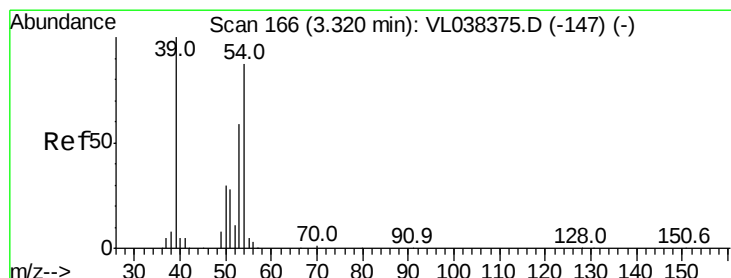
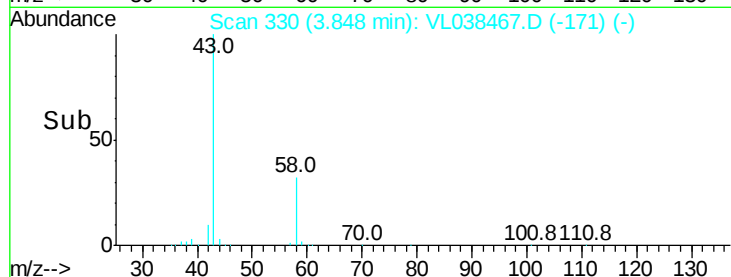
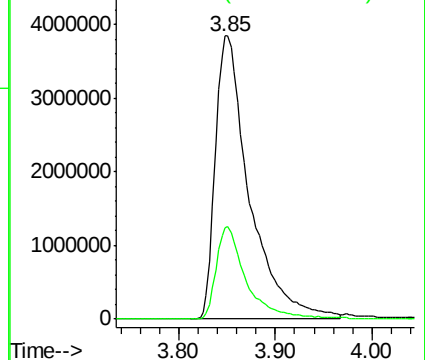
43 100

58 29.2 21.7 32.5



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 15.42 ppbv

RT: 3.31 min Scan# 164

Delta R.T. -0.01 min

Lab File: VL038467.D

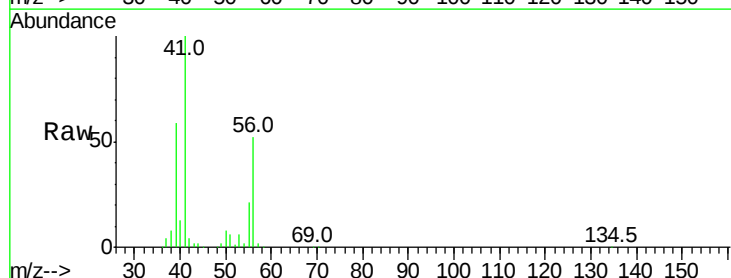
Acq: 2 Mar 2022 1:37

Tgt Ion: 39 Resp: 823196

Ion Ratio Lower Upper

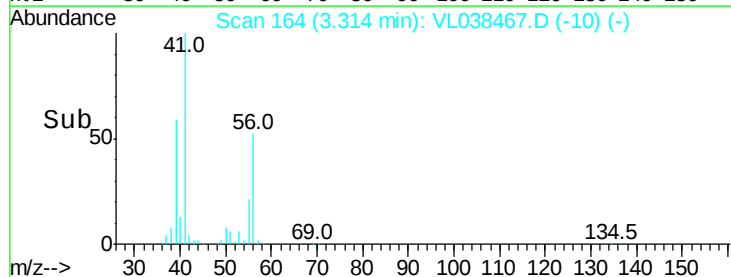
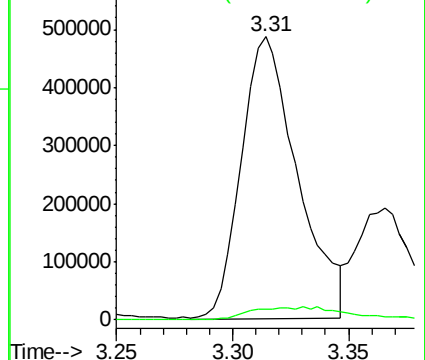
39 100

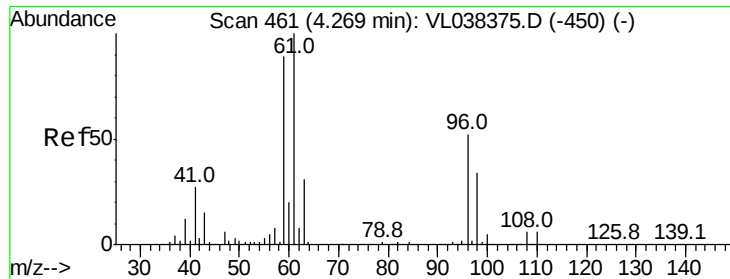
54 8.0 60.3 90.5#



Abundance Ion 39.10 (38.80 to 39.80): VL0

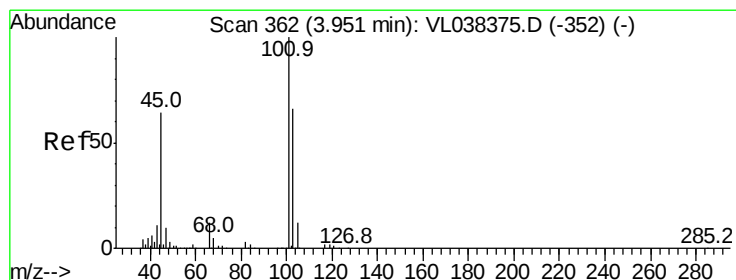
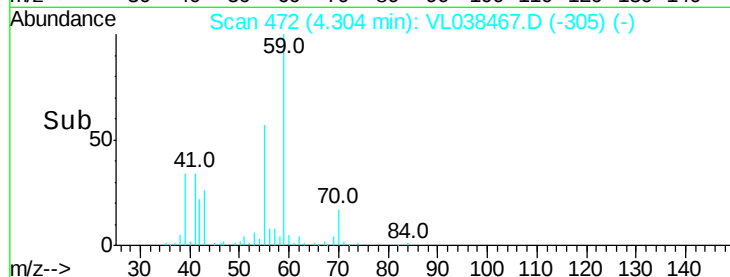
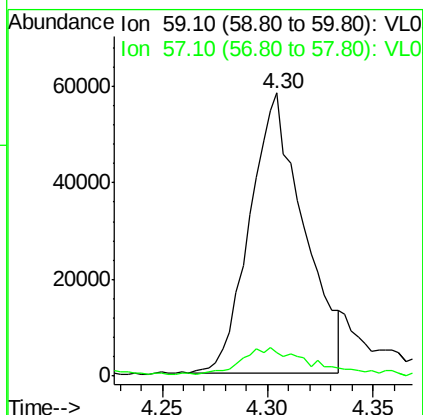
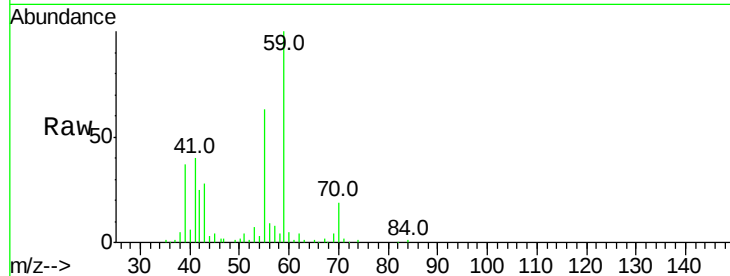
Ion 54.10 (53.80 to 54.80): VL0





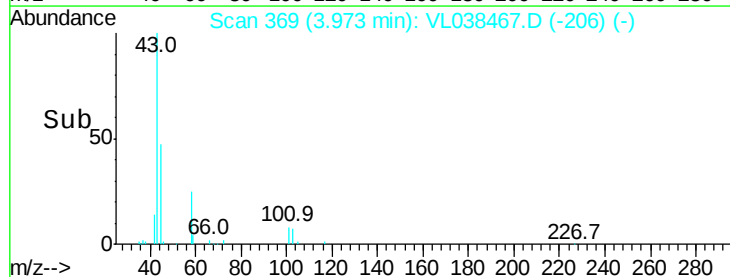
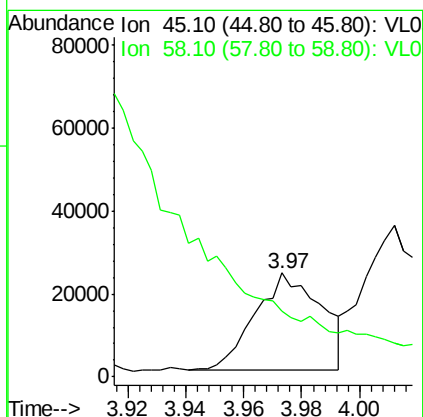
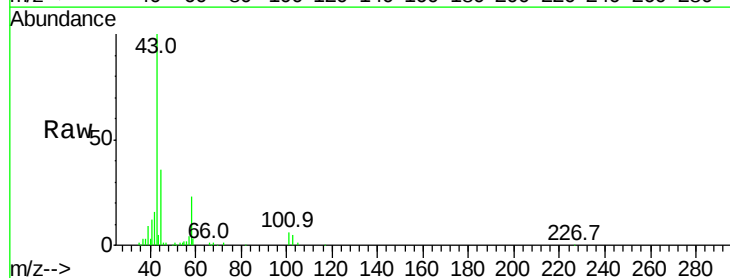
#17
 tert-Butyl alcohol
 Concen: 1.29 ppbv
 RT: 4.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 2 Mar 2022 1:37

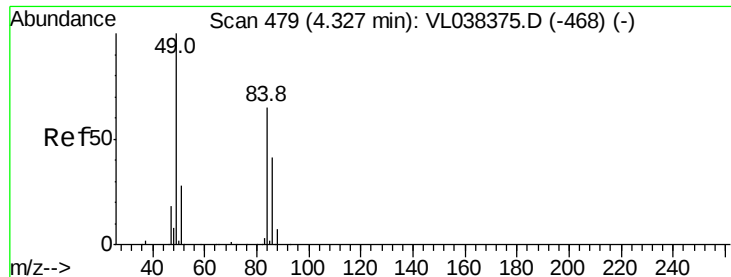
Tgt Ion: 59 Resp: 103080
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#



#19
 Isopropyl Alcohol
 Concen: 0.80 ppbv
 RT: 3.97 min Scan# 369
 Delta R.T. 0.02 min
 Lab File: VL038467.D
 Acq: 2 Mar 2022 1:37

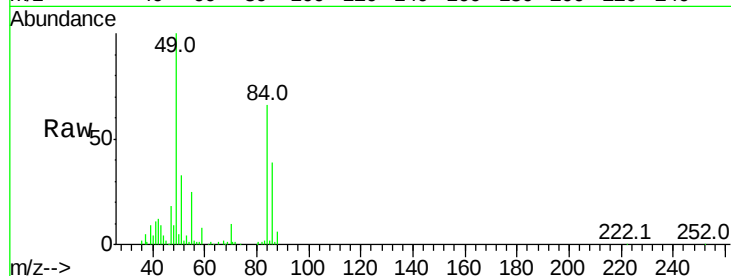
Tgt Ion: 45 Resp: 36887
 Ion Ratio Lower Upper
 45 100
 58 0.0 1.8 2.8#



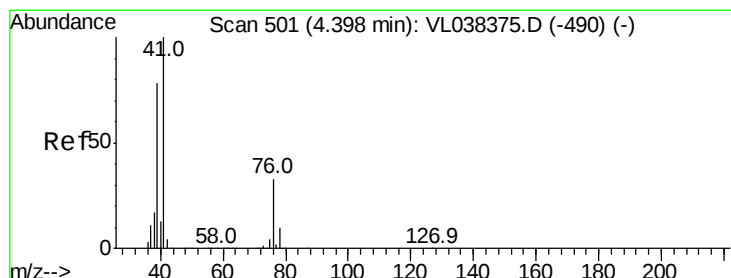
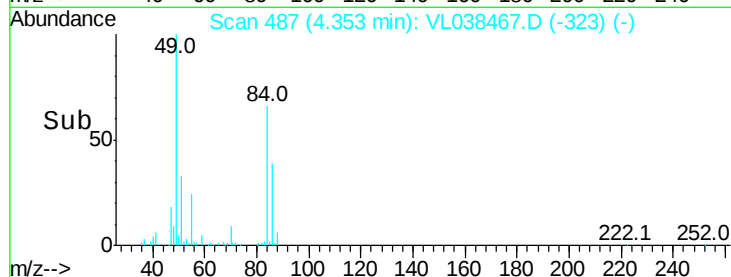
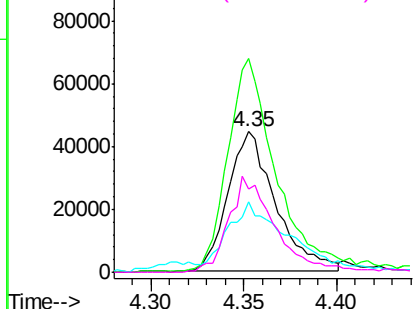


#20
Methylene Chloride
Concen: 2.00 ppbv
RT: 4.35
Delta R.T. MSVOA_1
Lab File: ClientSampleId :
Acq: 2 Mar 2022 1:37

Tgt Ion: 84 Resp: 79156
Ion Ratio Lower Upper
84 100
49 151.7 122.4 183.6
51 43.2 33.3 49.9
86 59.1 50.7 76.1

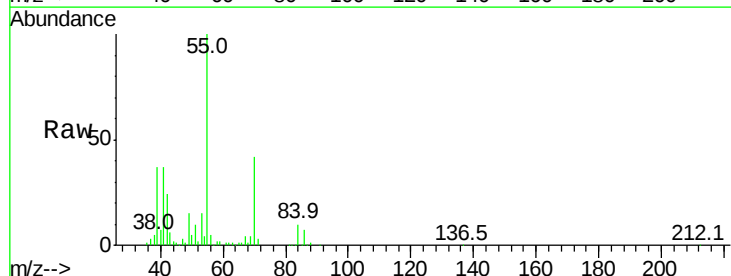


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

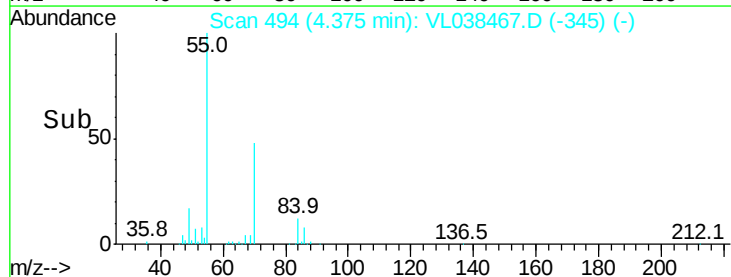
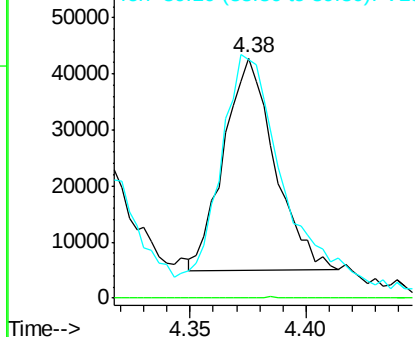


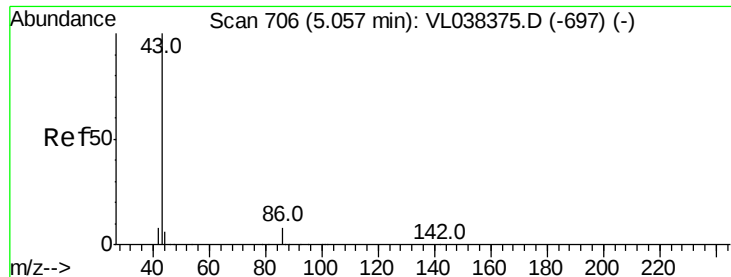
#21
Allyl Chloride
Concen: 0.85 ppbv
RT: 4.38 min Scan# 494
Delta R.T. -0.02 min
Lab File: VL038467.D
Acq: 2 Mar 2022 1:37

Tgt Ion: 41 Resp: 57690
Ion Ratio Lower Upper
41 100
76 0.0 25.4 38.0#
39 149.8 63.0 94.6#



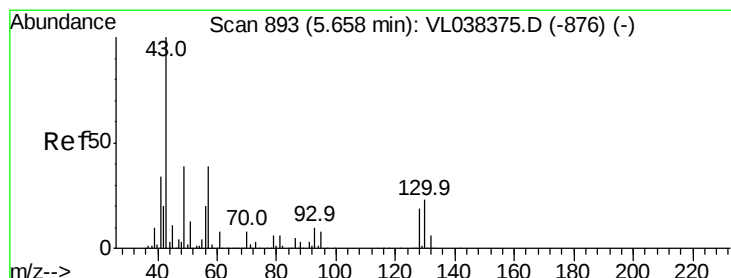
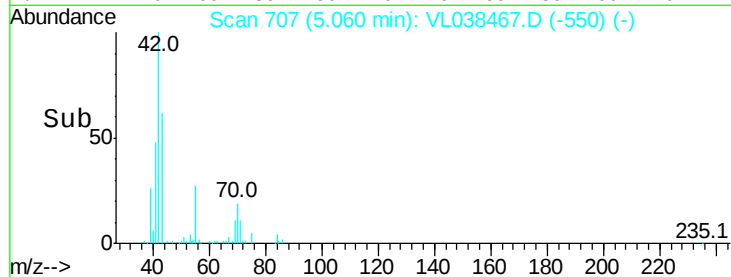
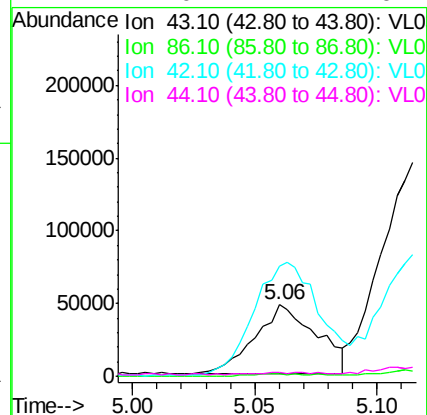
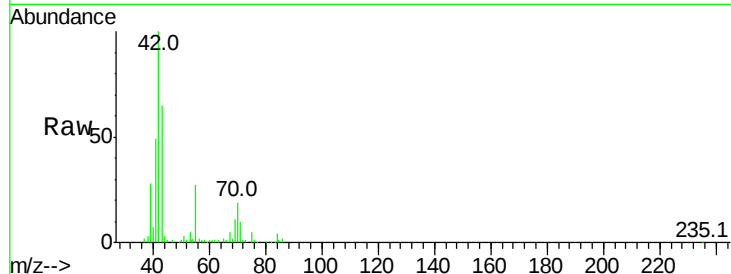
Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0





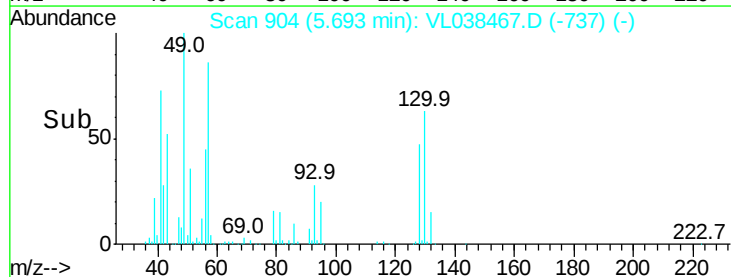
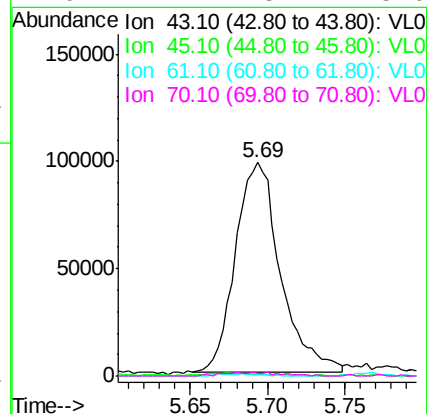
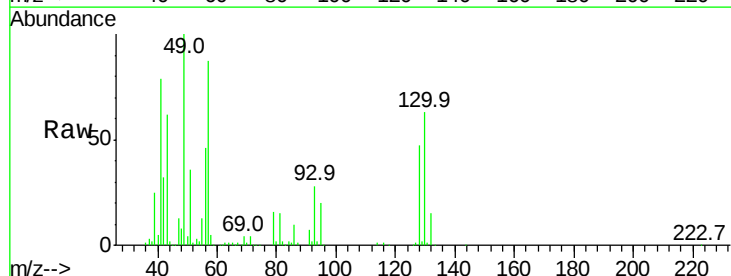
#23
 Vinyl Acetate
 Concen: 0.79 ppbv
 RT: 5.06
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 FSG3
 Acq: 2 Mar 2022 1:37

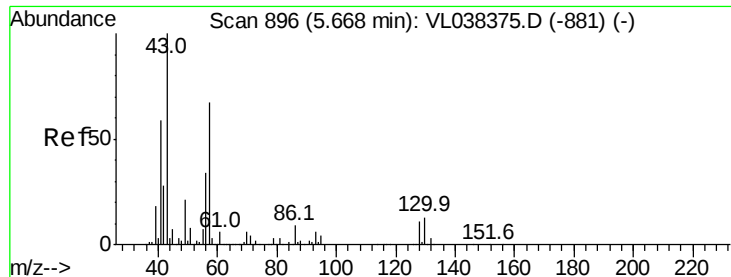
Tgt Ion:	43	Resp:	83277
Ion	Ratio	Lower	Upper
43	100		
86	3.0	5.8	8.6#
42	157.4	7.4	11.0#
44	1.0	4.2	6.2#



#25
 Ethyl Acetate
 Concen: 0.92 ppbv
 RT: 5.69 min Scan# 904
 Delta R.T. 0.04 min
 Lab File: VL038467.D
 Acq: 2 Mar 2022 1:37

Tgt Ion:	43	Resp:	198140
Ion	Ratio	Lower	Upper
43	100		
45	2.2	7.8	11.6#
61	0.9	7.5	11.3#
70	2.2	5.4	8.0#





#26

Hexane

Concen: 2.74 ppbv

RT: 5.69

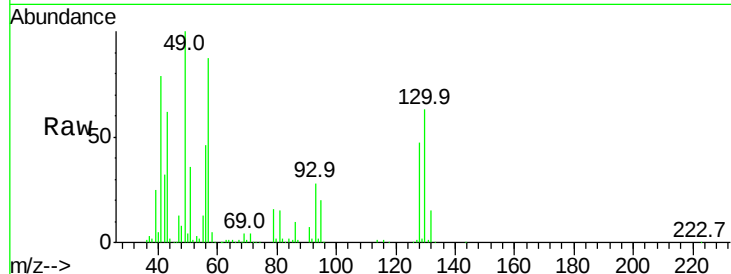
Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 2 Mar 2022 1:37

Tgt Ion: 57 Resp: 266609

Ion	Ratio	Lower	Upper
57	100		
41	101.7	73.1	109.7
43	80.8	181.0	271.4#
56	58.5	43.4	65.0

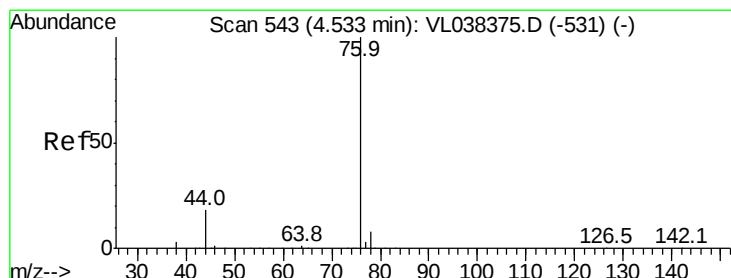
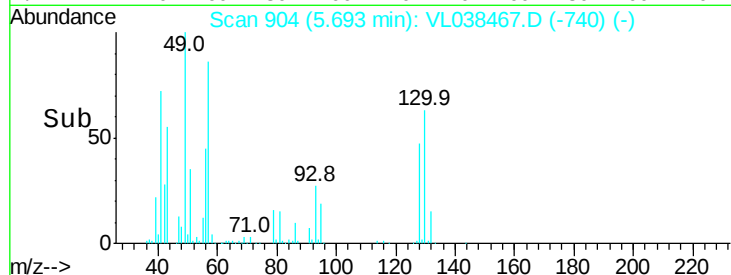
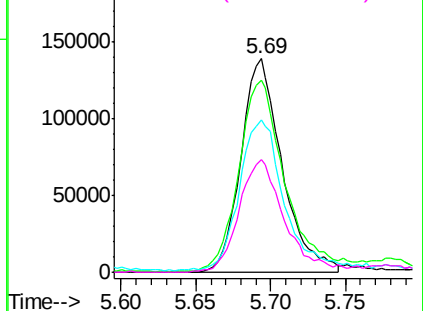


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#27

Carbon Disulfide

Concen: 0.97 ppbv

RT: 4.56 min Scan# 552

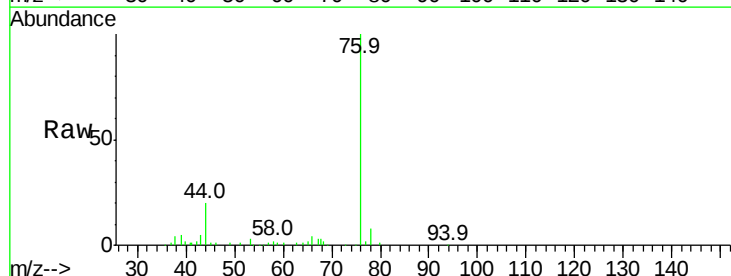
Delta R.T. 0.03 min

Lab File: VL038467.D

Acq: 2 Mar 2022 1:37

Tgt Ion: 76 Resp: 105203

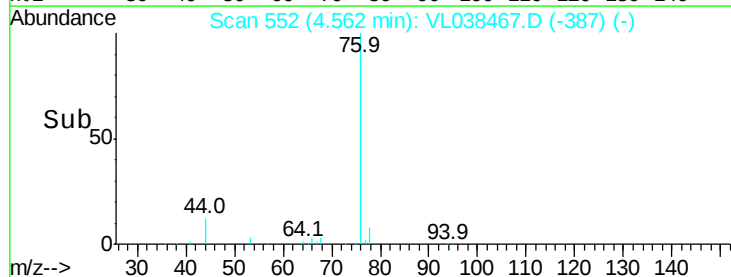
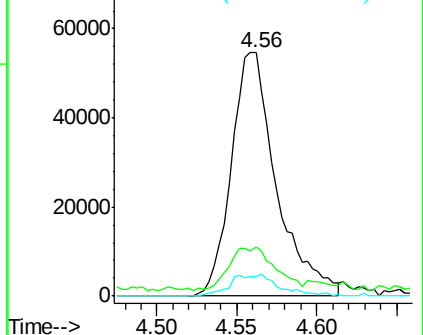
Ion	Ratio	Lower	Upper
76	100		
44	21.8	14.2	21.2#
78	9.7	7.8	11.6

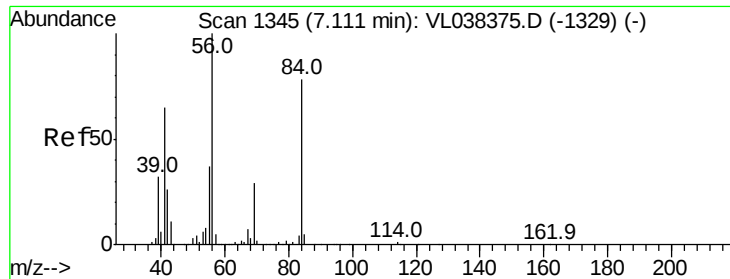


Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

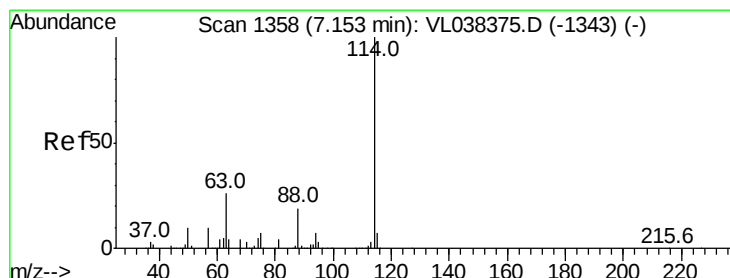
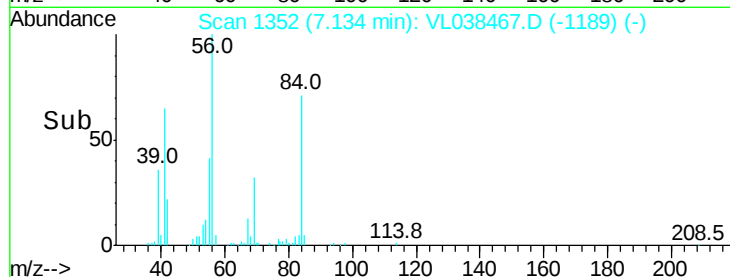
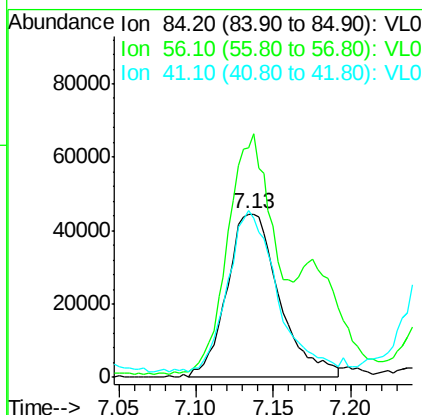
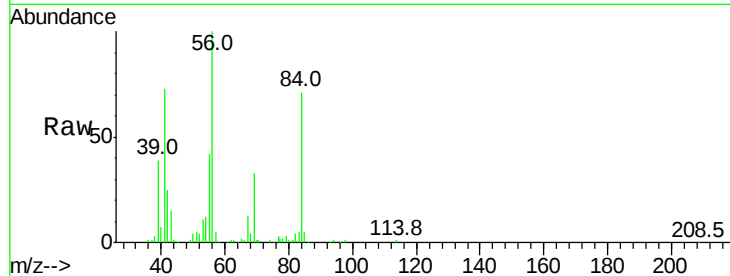
Ion 78.00 (77.70 to 78.70): VL0





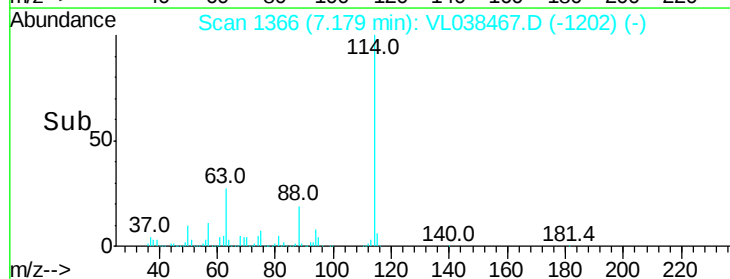
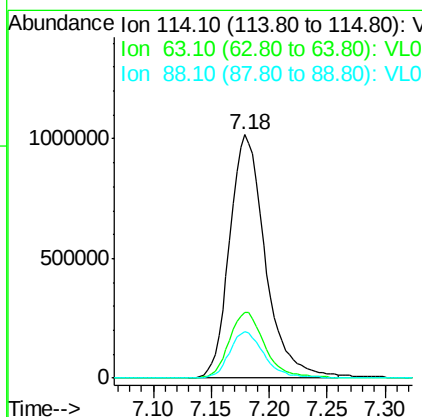
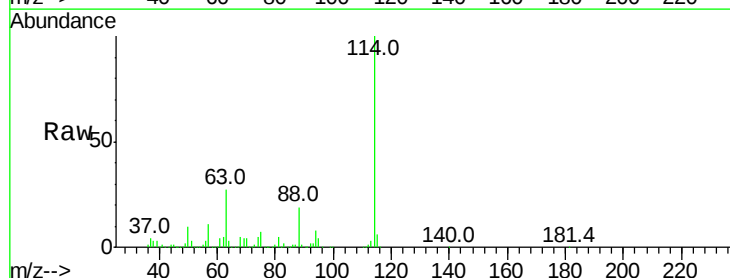
#30
Cyclohexane
Concen: 1.31 ppbv
RT: 7.13 min
Delta R.T.: 0.03 min
Lab File: VL038467.D
Acq: 2 Mar 2022 1:37

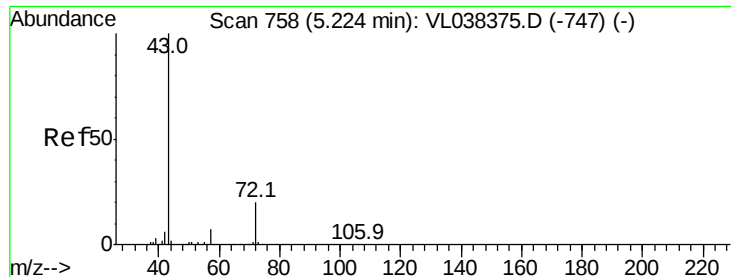
Tgt Ion: 84 Resp: 104224
Ion Ratio Lower Upper
84 100
56 195.3 116.2 174.4#
41 99.0 74.3 111.5



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.18 min Scan# 1366
Delta R.T.: 0.03 min
Lab File: VL038467.D
Acq: 2 Mar 2022 1:37

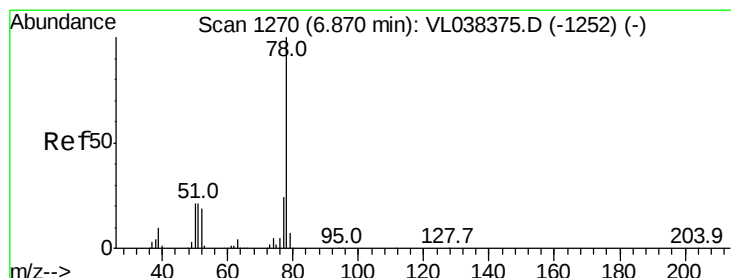
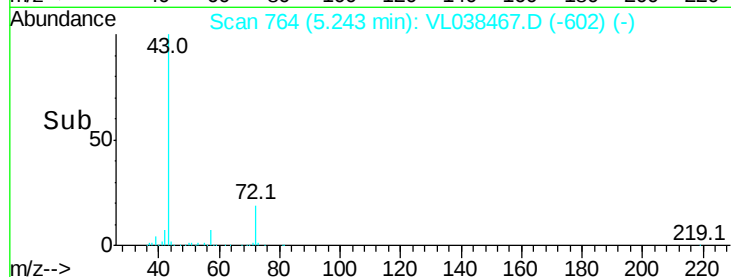
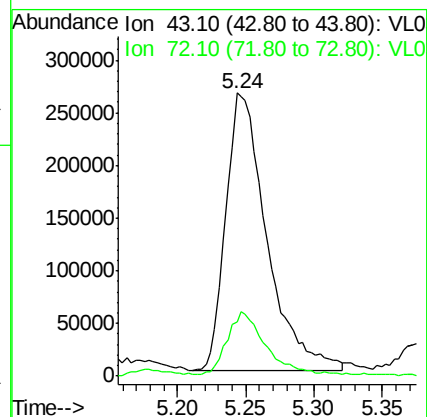
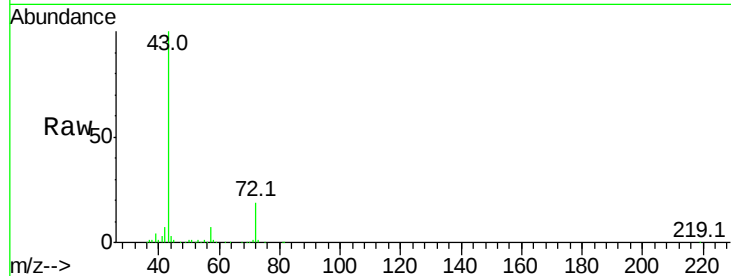
Tgt Ion: 114 Resp: 2173423
Ion Ratio Lower Upper
114 100
63 27.5 22.2 33.2
88 18.8 15.2 22.8





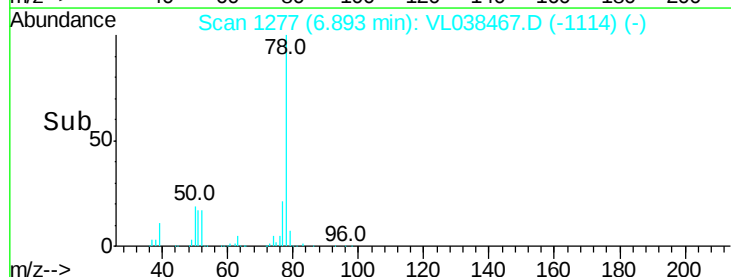
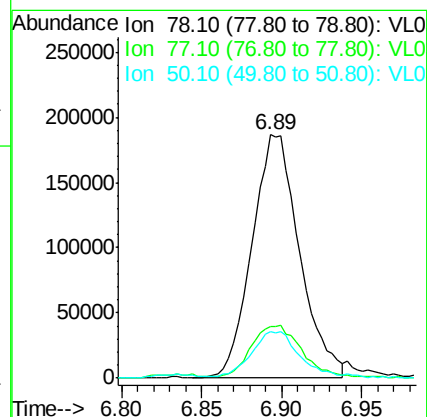
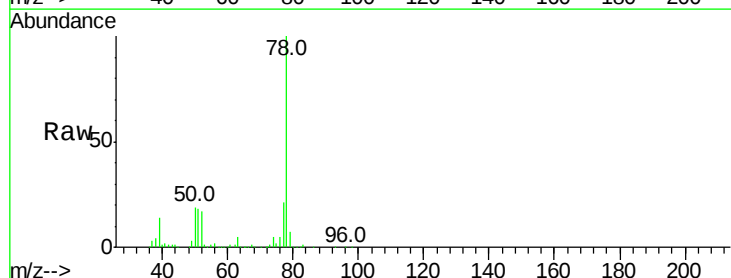
#34
 2-Butanone
 Concen: 8.13 ppbv
 RT: 5.24
 Delta R.T.:
 Lab File: MSVOA_1
 ClientSampleId:
 FSG3
 Acq: 2 Mar 2022 1:37

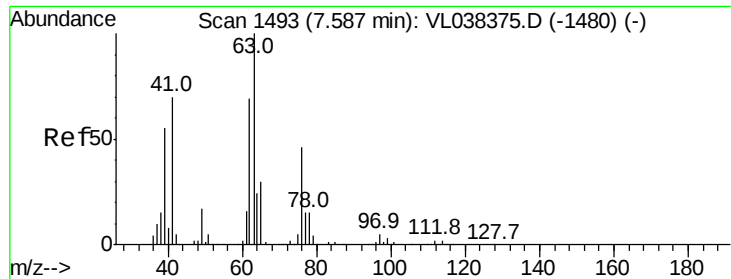
Tgt Ion: 43 Resp: 555815
 Ion Ratio Lower Upper
 43 100
 72 22.6 17.4 26.2



#36
 Benzene
 Concen: 1.99 ppbv
 RT: 6.89 min Scan# 1277
 Delta R.T.: 0.02 min
 Lab File: VL038467.D
 Acq: 2 Mar 2022 1:37

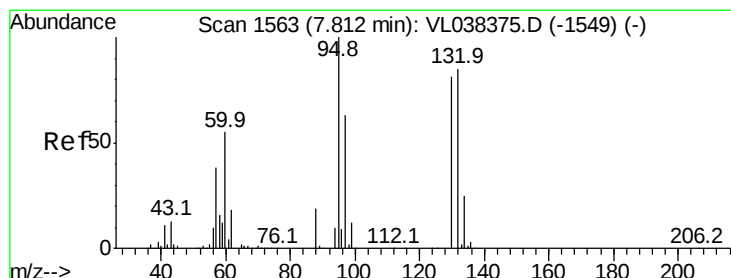
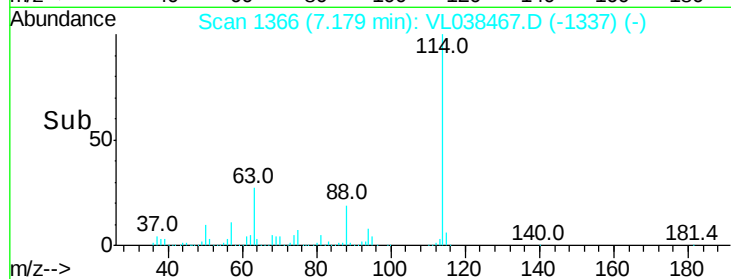
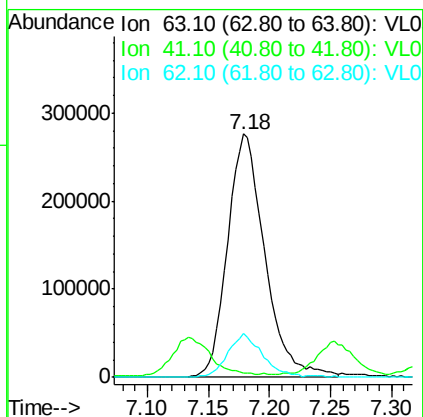
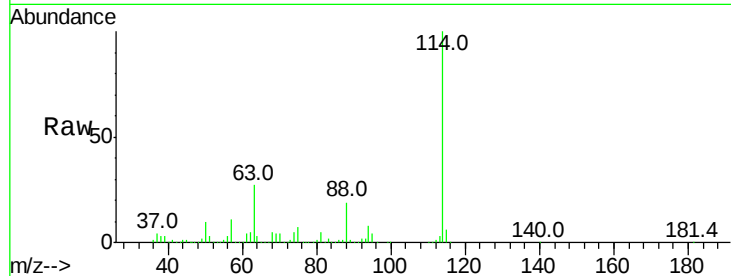
Tgt Ion: 78 Resp: 380172
 Ion Ratio Lower Upper
 78 100
 77 19.7 19.0 28.6
 50 18.0 16.6 24.8





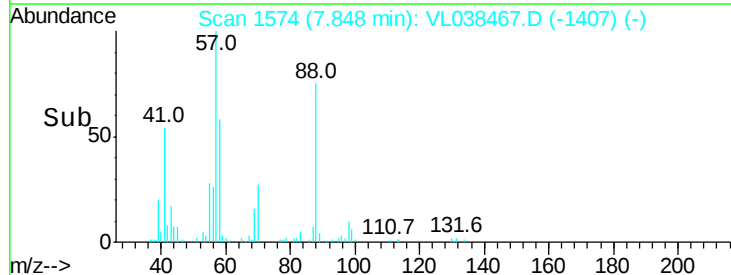
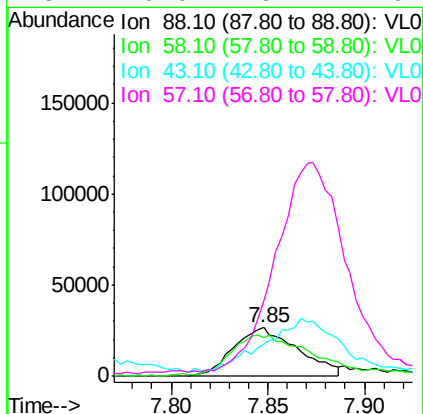
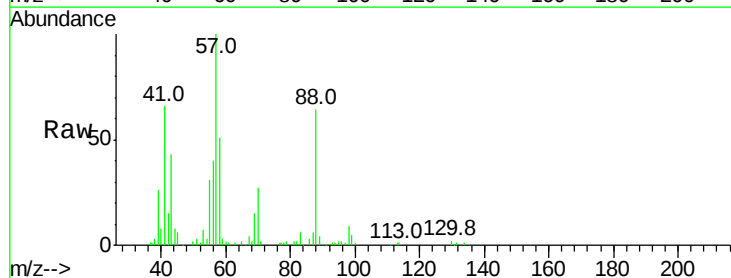
#39
 1,2-Dichloropropane
 Concen: 7.68 ppbv
 RT: 7.18
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 2 Mar 2022 1:37

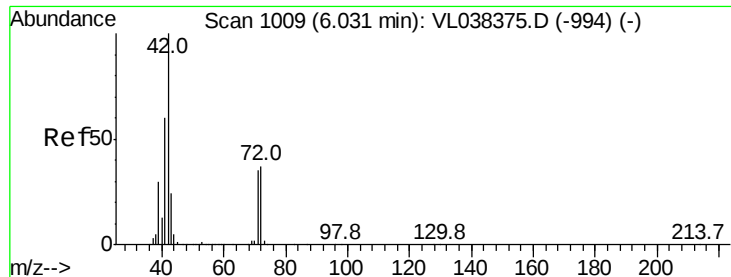
Tgt Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.1	84.1#
62	18.0	55.5	83.3#



#40
 1,4-Dioxane
 Concen: 3.38 ppbv
 RT: 7.85 min Scan# 1574
 Delta R.T. 0.04 min
 Lab File: VL038467.D
 Acq: 2 Mar 2022 1:37

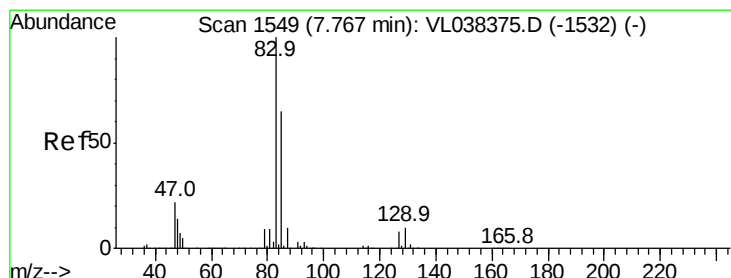
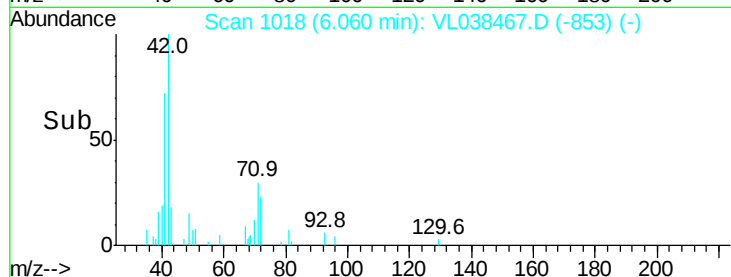
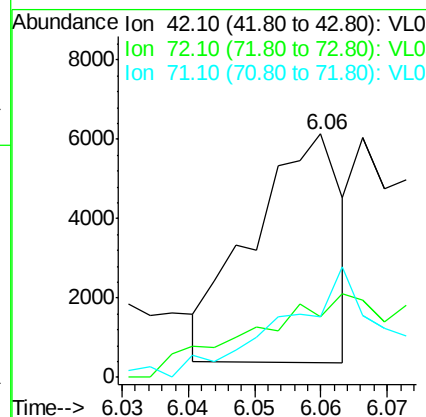
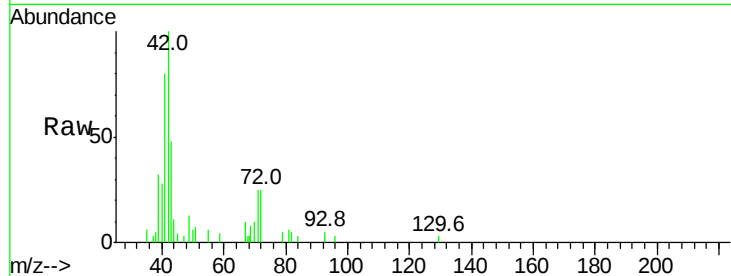
Tgt Ion	Ratio	Lower	Upper
88	100		
58	123.7	133.2	199.8#
43	41.7	330.6	496.0#
57	0.0	1462.7	2194.1#





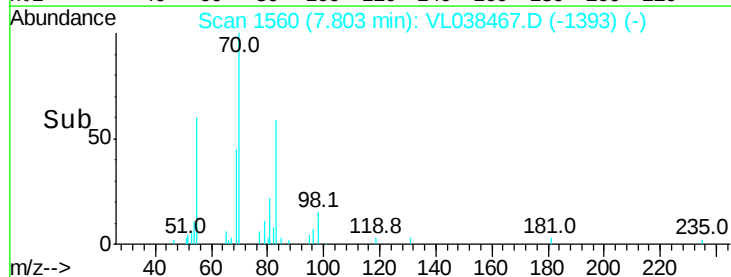
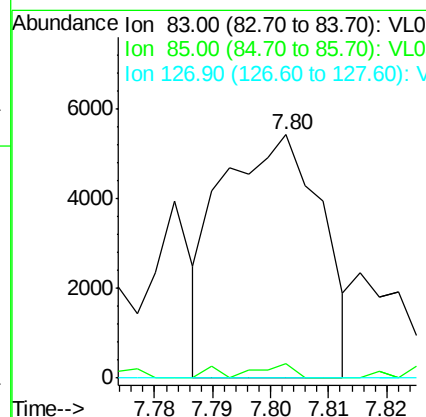
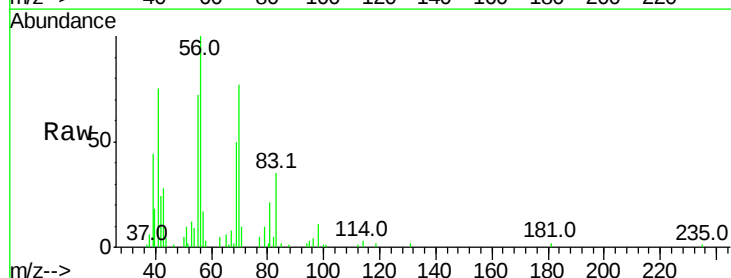
#41
Tetrahydrofuran
Concen: 0.12 ppbv
RT: 6.06
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
FSG3
Acq: 2 Mar 2022 1:37

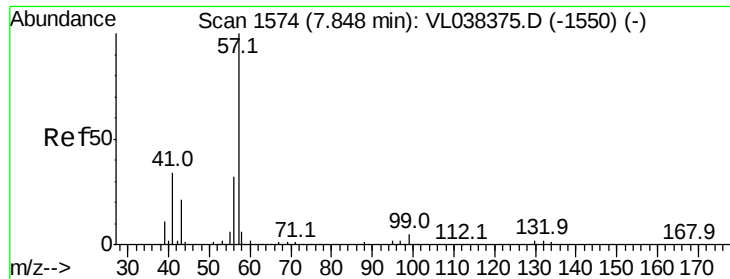
Tgt Ion: 42 Resp: 5346
Ion Ratio Lower Upper
42 100
72 89.9 29.9 44.9#
71 76.6 28.6 42.8#



#42
Bromodichloromethane
Concen: 0.04 ppbv
RT: 7.80 min Scan# 1560
Delta R.T.: 0.04 min
Lab File: VL038467.D
Acq: 2 Mar 2022 1:37

Tgt Ion: 83 Resp: 6533
Ion Ratio Lower Upper
83 100
85 8.9 52.2 78.4#
127 0.0 6.2 9.4#





#44

2,2,4-Trimethylpentane

Concen: 0.89 ppbv

RT: 7.87 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 2 Mar 2022 1:37

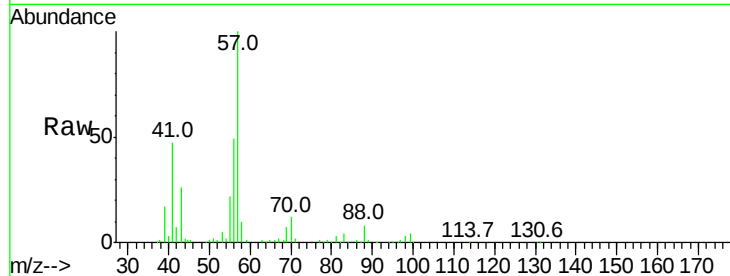
Tgt Ion: 57 Resp: 293744

Ion Ratio Lower Upper

57 100

41 49.4 26.6 39.8#

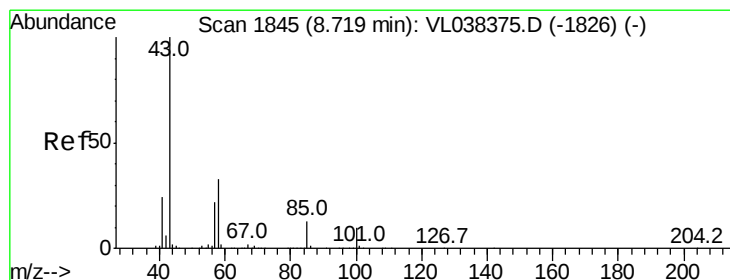
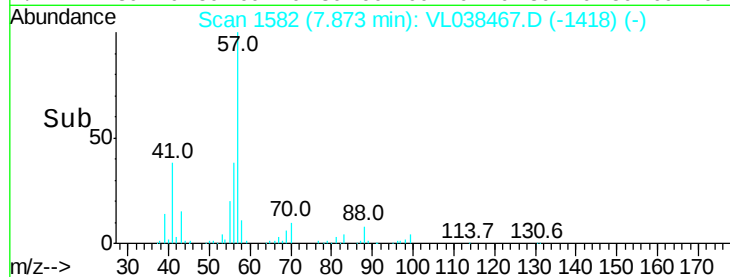
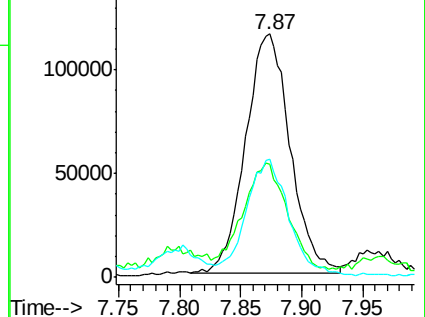
56 49.6 25.0 37.6#



Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#50

4-Methyl-2-Pentanone

Concen: 0.12 ppbv

RT: 8.75 min Scan# 1854

Delta R.T. 0.03 min

Lab File: VL038467.D

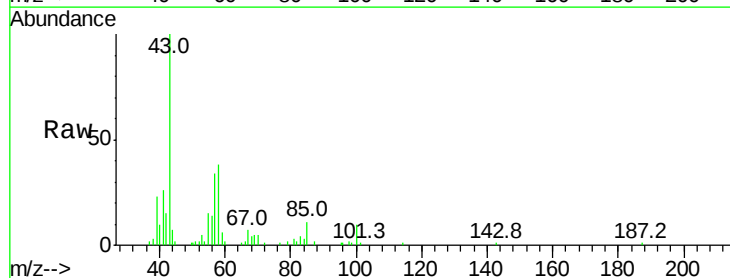
Acq: 2 Mar 2022 1:37

Tgt Ion: 43 Resp: 14389

Ion Ratio Lower Upper

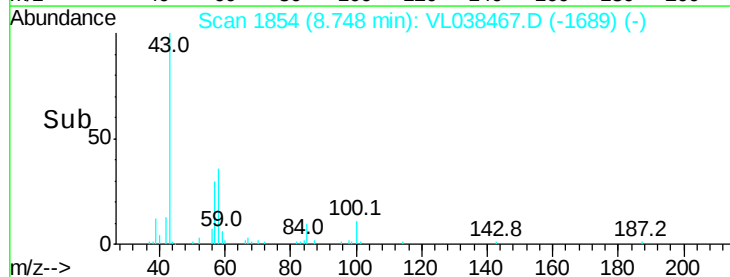
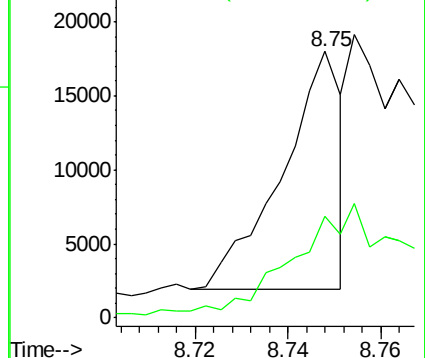
43 100

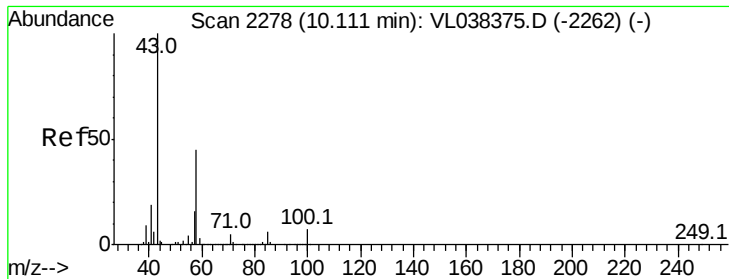
58 0.0 27.7 41.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

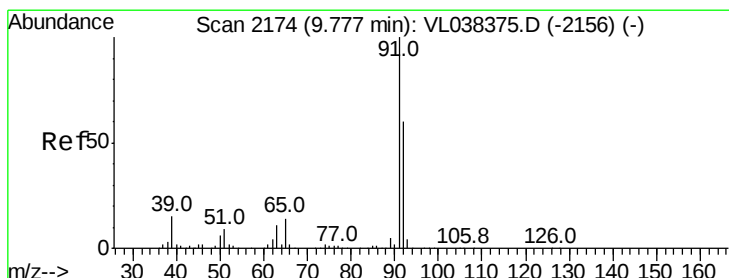
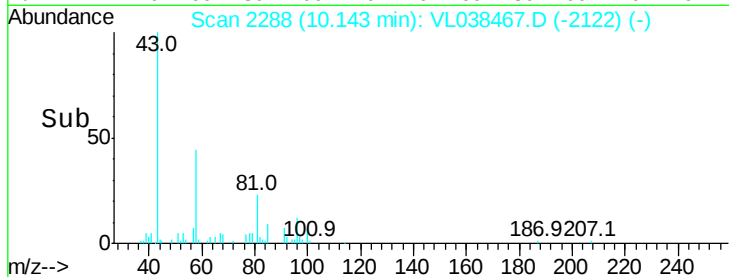
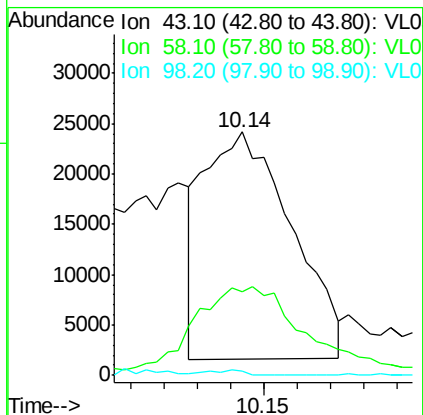
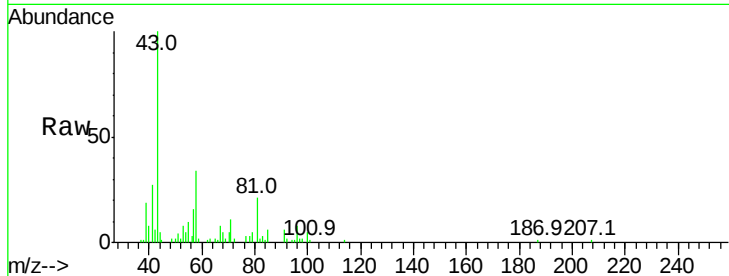
Ion 58.10 (57.80 to 58.80): VL0





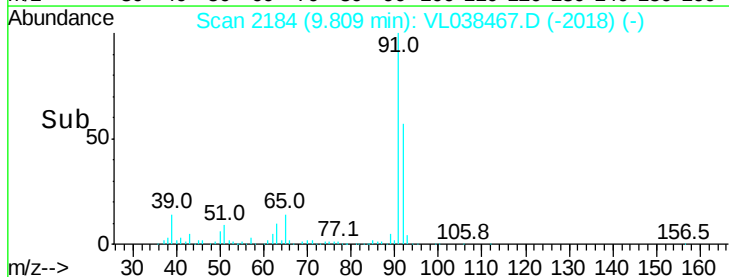
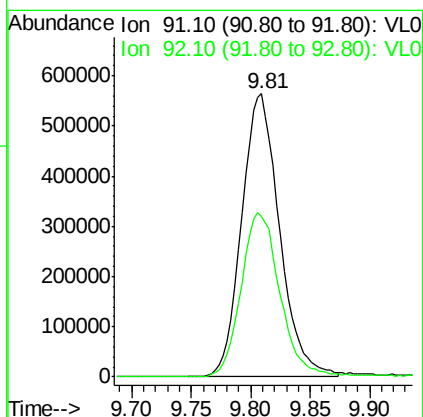
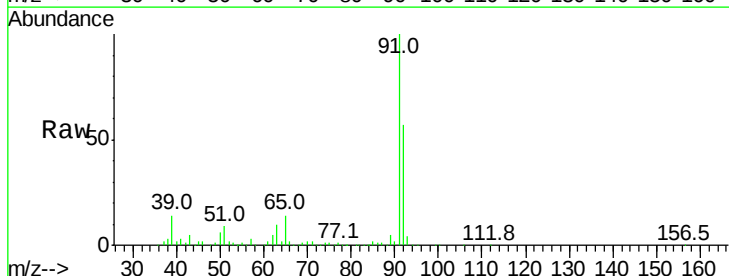
#51
 2-Hexanone
 Concen: 0.76 ppbv
 RT: 10.14
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 2 Mar 2022 1:37

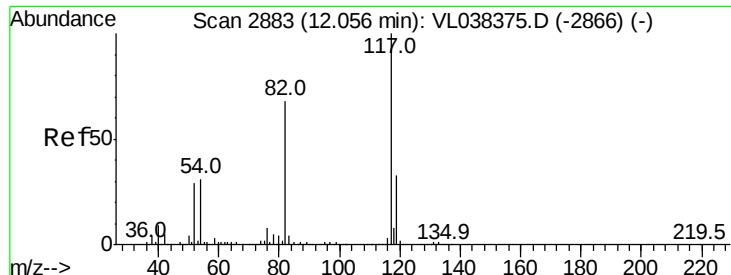
Tgt Ion	Ratio	Lower	Upper
43	100		
58	55.6	37.4	56.0
98	0.0	0.1	0.1#



#53
 Toluene
 Concen: 5.99 ppbv
 RT: 9.81 min Scan# 2184
 Delta R.T. 0.03 min
 Lab File: VL038467.D
 Acq: 2 Mar 2022 1:37

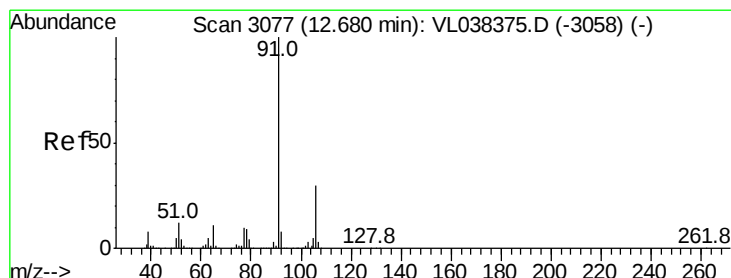
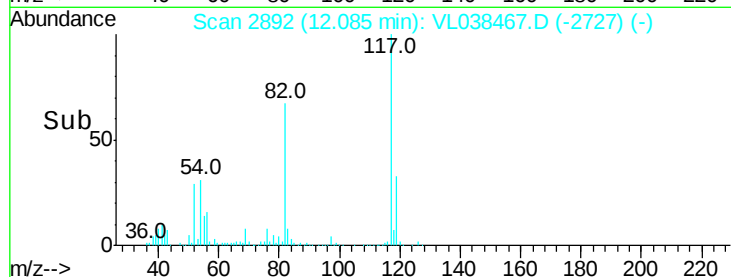
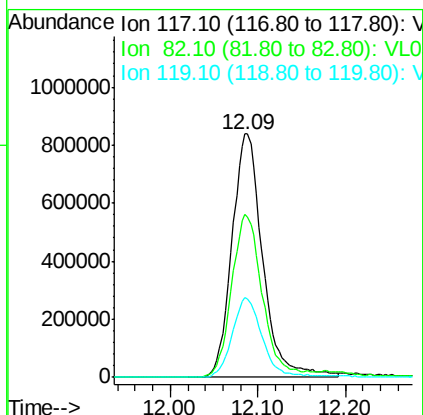
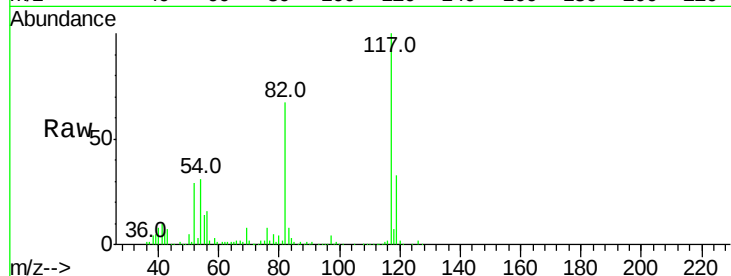
Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.8	48.2	72.4





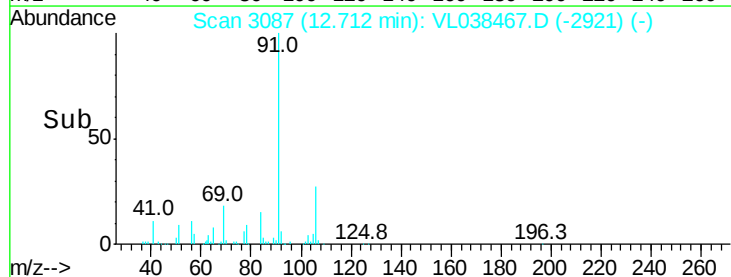
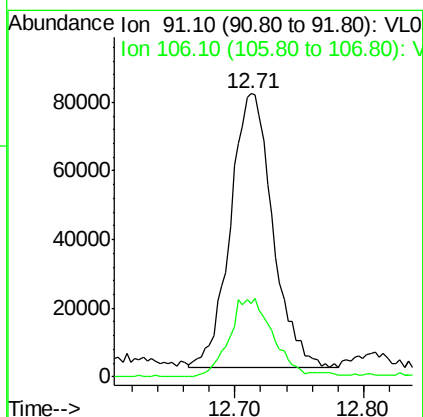
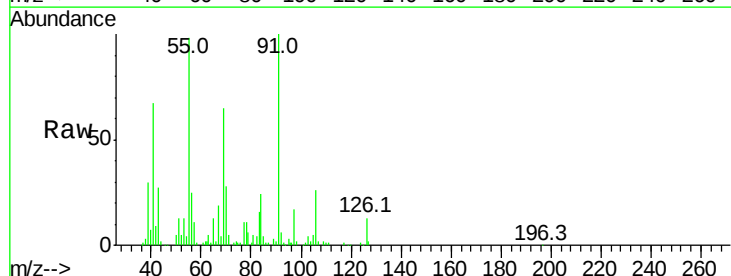
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 2 Mar 2022 1:37

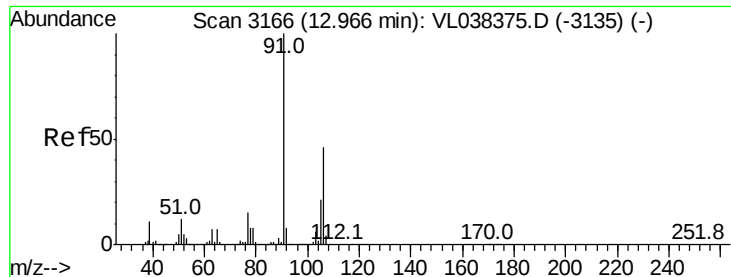
Tgt Ion: 117 Resp: 2047163
Ion Ratio Lower Upper
117 100
82 67.3 54.9 82.3
119 32.7 46.1 69.1#



#58
Ethyl Benzene
Concen: 0.65 ppbv
RT: 12.71 min Scan# 3087
Delta R.T.: 0.03 min
Lab File: VL038467.D
Acq: 2 Mar 2022 1:37

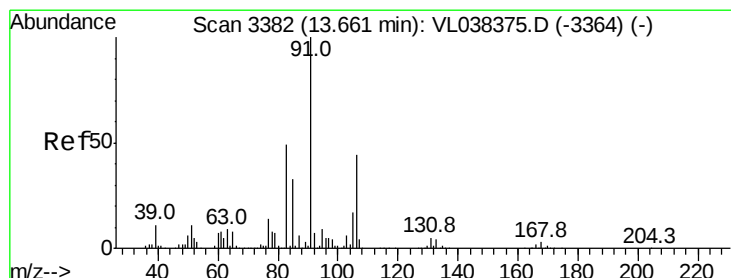
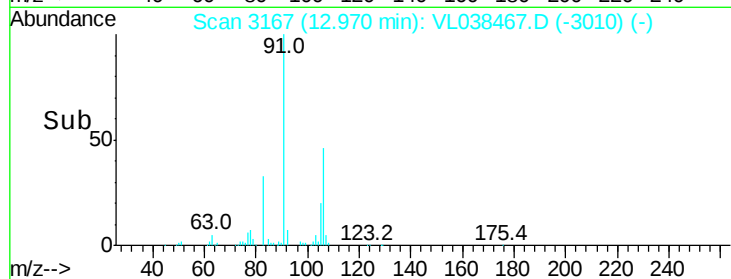
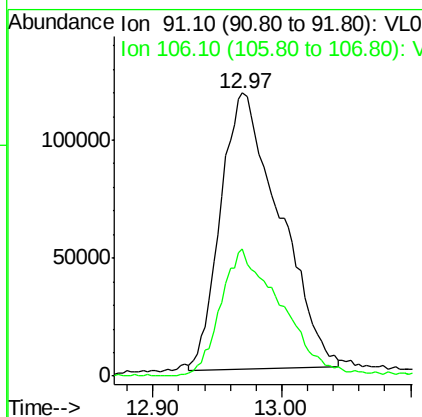
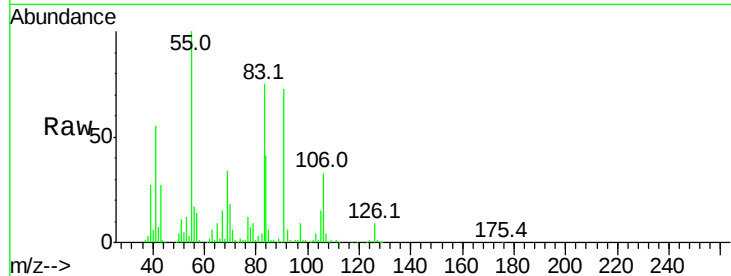
Tgt Ion: 91 Resp: 180874
Ion Ratio Lower Upper
91 100
106 26.7 24.0 36.0





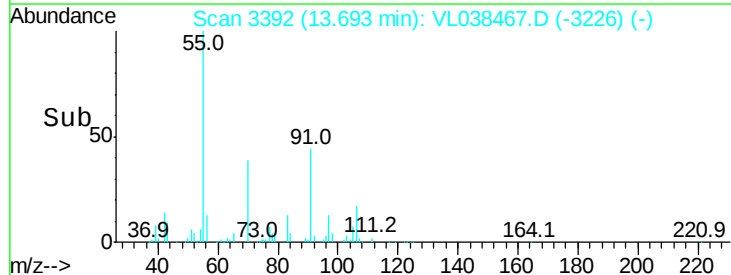
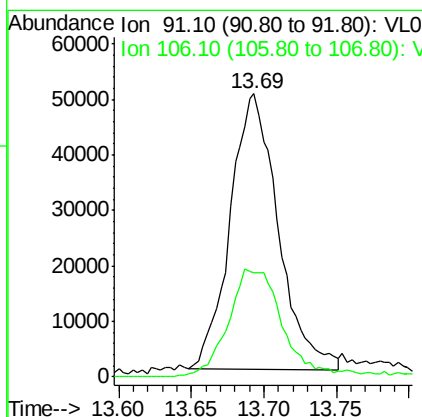
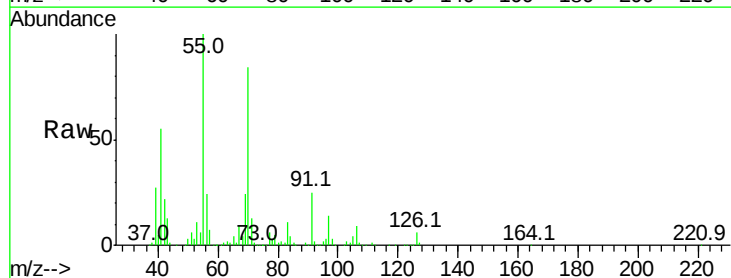
#59
m/p-Xylene
Concen: 1.55 ppbv
RT: 12.97 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 2 Mar 2022 1:37

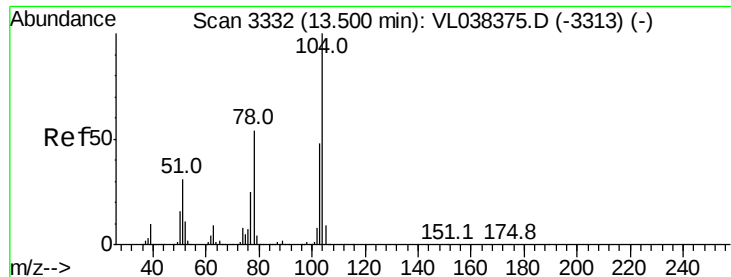
Tgt Ion: 91 Resp: 372746
Ion Ratio Lower Upper
91 100
106 47.6 34.4 51.6



#60
o-Xylene
Concen: 0.51 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.03 min
Lab File: VL038467.D
Acq: 2 Mar 2022 1:37

Tgt Ion: 91 Resp: 114859
Ion Ratio Lower Upper
91 100
106 44.6 21.9 65.5





#61

Styrene

Concen: 0.22 ppbv

RT: 13.54

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 2 Mar 2022 1:37

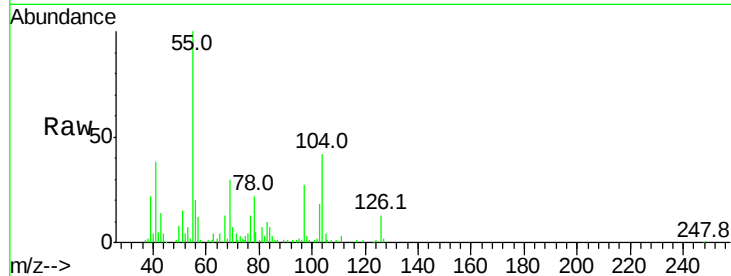
Tgt Ion:104 Resp: 23392

Ion Ratio Lower Upper

104 100

78 115.7 44.2 66.4#

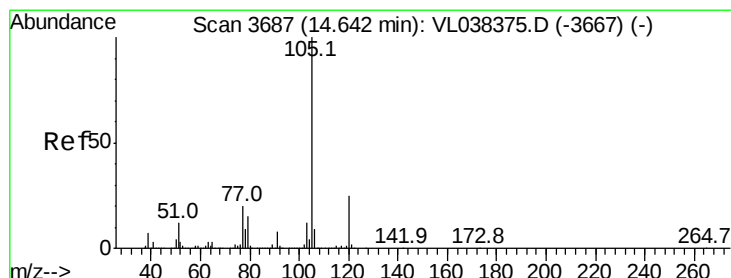
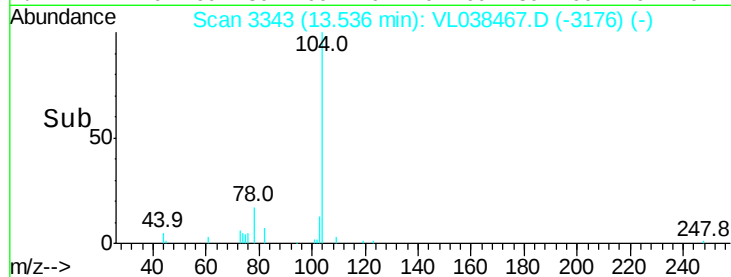
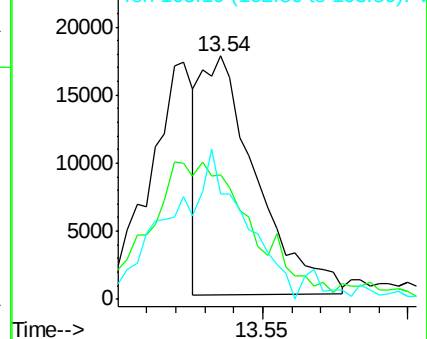
103 93.0 38.4 57.6#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 11.23 ppbv

RT: 14.67 min Scan# 3695

Delta R.T. 0.03 min

Lab File: VL038467.D

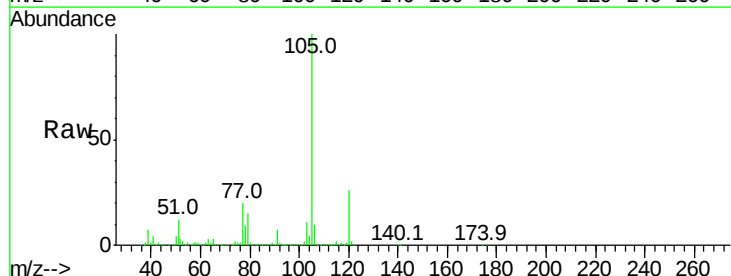
Acq: 2 Mar 2022 1:37

Tgt Ion:105 Resp: 3424952

Ion Ratio Lower Upper

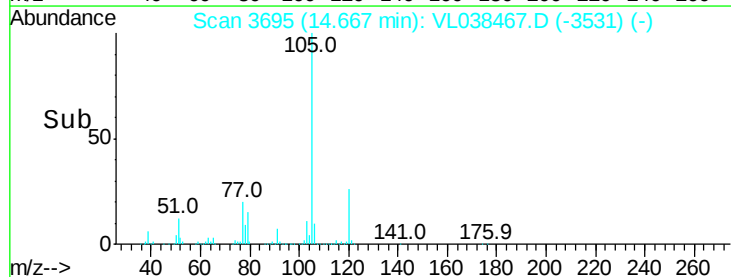
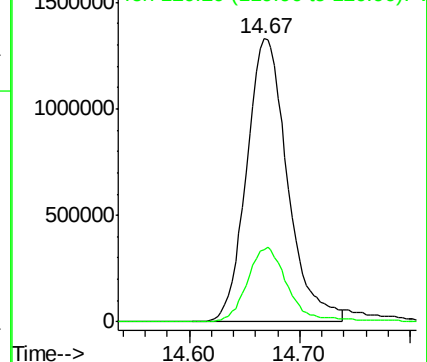
105 100

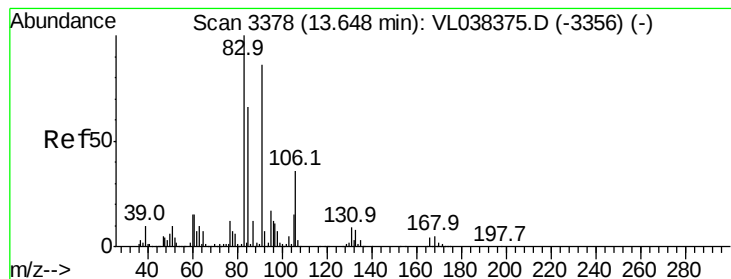
120 26.5 20.6 30.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 0.12 ppbv

RT: 13.69

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 2 Mar 2022 1:37

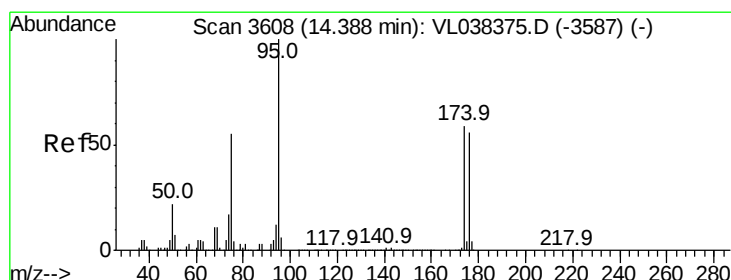
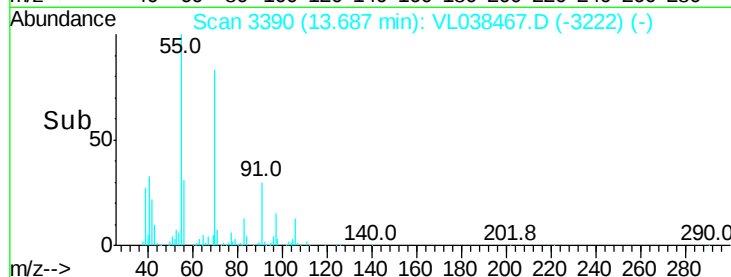
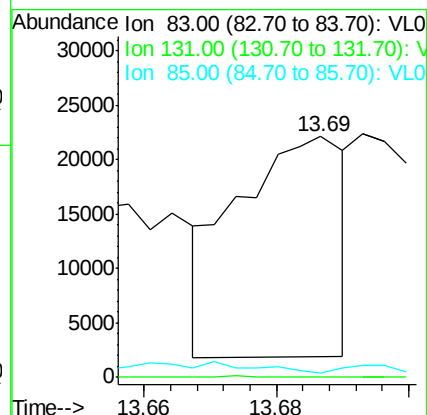
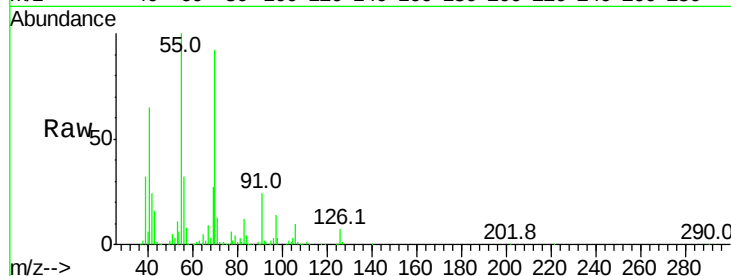
Tgt Ion: 83 Resp: 22887

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.7#

85 0.0 33.0 99.0#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.88 ppbv

RT: 14.42 min Scan# 3617

Delta R.T. 0.03 min

Lab File: VL038467.D

Acq: 2 Mar 2022 1:37

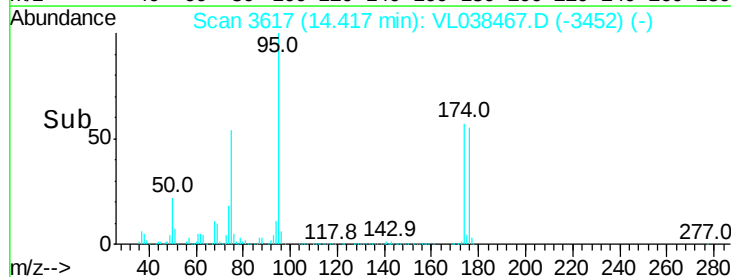
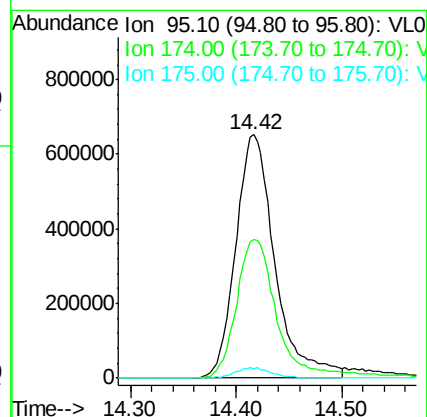
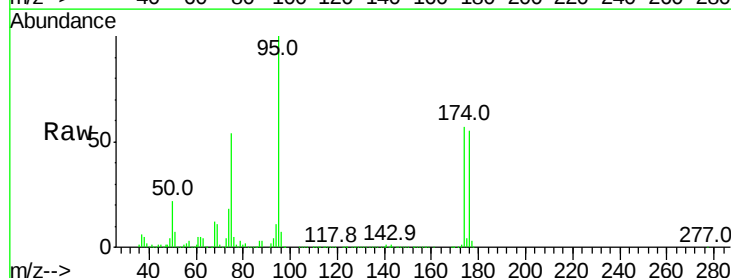
Tgt Ion: 95 Resp: 1674293

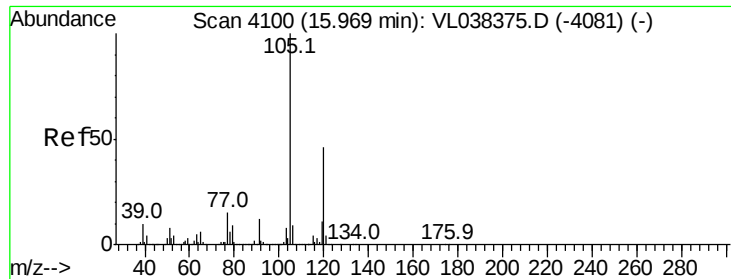
Ion Ratio Lower Upper

95 100

174 61.2 49.0 73.4

175 4.3 3.6 5.4





#73

1,3,5-Trimethylbenzene

Concen: 0.06 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

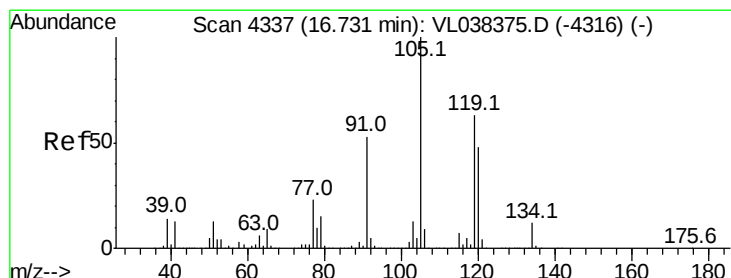
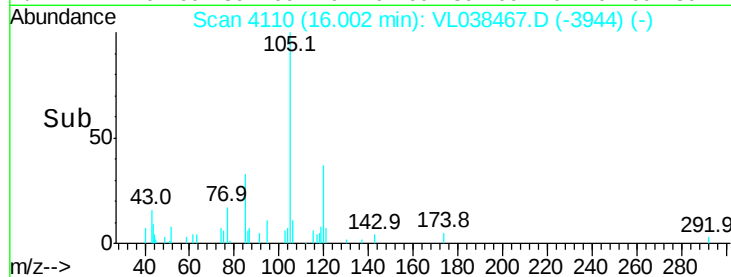
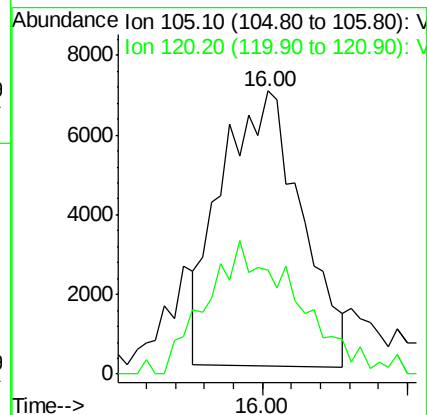
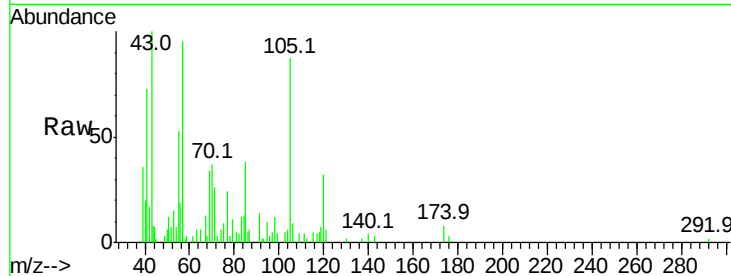
Acq: 2 Mar 2022 1:37

Tgt Ion:105 Resp: 13272

Ion Ratio Lower Upper

105 100

120 31.2 36.6 55.0#



#74

1,2,4-Trimethylbenzene

Concen: 0.15 ppbv

RT: 16.76 min Scan# 4346

Delta R.T. 0.03 min

Lab File: VL038467.D

Acq: 2 Mar 2022 1:37

Tgt Ion:105 Resp: 36956

Ion Ratio Lower Upper

105 100

120 38.1 38.2 57.4#

91 14.4 42.7 64.1#

77 16.3 18.5 27.7#

