

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033022\
 Data File : VL038805.D
 Acq On : 30 Mar 2022 22:01
 Operator : SY/AP
 Sample : N2169-03DL 4X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 31 04:14:45 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 21 17:09:26 2022
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	853646	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2571527	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2297072	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	1649311	9.37	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.70%

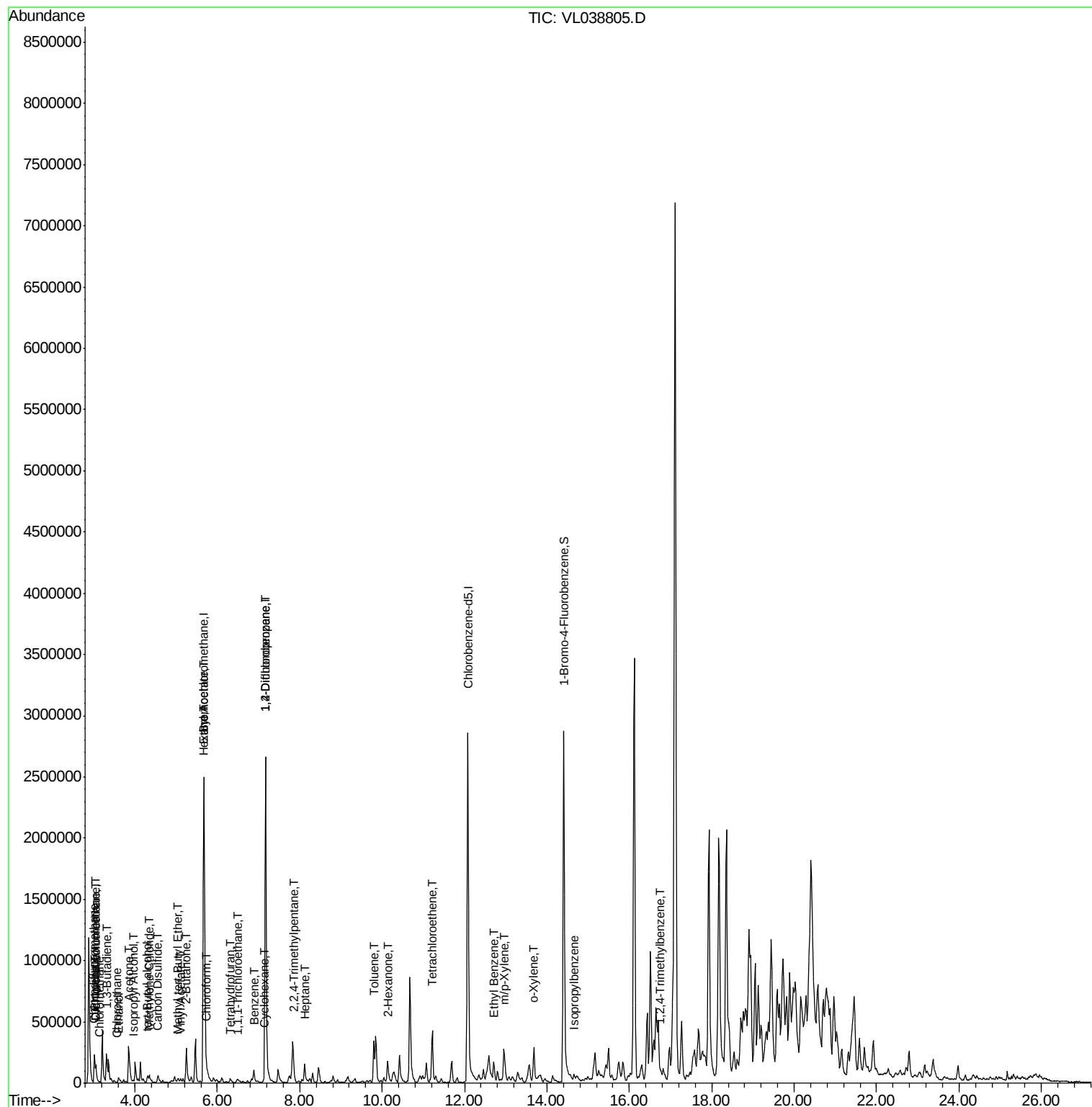
Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	103731	0.904	ppbv 97
3) Chlorodifluoromethane	3.00	51	6370	0.071	ppbv 97
4) Chloromethane	3.14	50	6122	0.124	ppbv # 88
7) Chloroethane	3.56	64	1764	0.106	ppbv # 77
8) Dichlorotetrafluoroethane	3.05	85	103731	0.905	ppbv # 14
9) Propene	3.02	41	119717	2.750	ppbv 93
10) Heptane	8.12	43	76260	0.733	ppbv 99
13) Ethanol	3.61	45	65817	13.708	ppbv 95
15) Acetone	3.85	43	403316	5.475	ppbv # 87
16) 1,3-Butadiene	3.31	39	90571	2.167	ppbv # 36
17) tert-Butyl alcohol	4.30	59	43813	0.681	ppbv 96
19) Isopropyl Alcohol	3.97	45	11008	0.270	ppbv # 1
20) Methylene Chloride	4.34	84	25951	0.836	ppbv 94
23) Vinyl Acetate	5.10	43	5300	0.074	ppbv # 58
25) Ethyl Acetate	5.68	43	401577	2.166	ppbv # 78
26) Hexane	5.69	57	572906	6.901	ppbv # 26
27) Carbon Disulfide	4.55	76	73881	0.907	ppbv # 93
28) Methyl tert-Butyl Ether	5.04	73	9707	0.157	ppbv # 51
29) Chloroform	5.75	83	5282	0.040	ppbv 86
30) Cyclohexane	7.13	84	4815	0.067	ppbv # 2
32) 1,1,1-Trichloroethane	6.51	97	9208	0.072	ppbv 95
34) 2-Butanone	5.25	43	432339	4.248	ppbv 98
36) Benzene	6.89	78	99371	0.501	ppbv 96
39) 1,2-Dichloropropane	7.17	63	549115	7.077	ppbv # 28
41) Tetrahydrofuran	6.31	42	3125	0.041	ppbv # 38
44) 2,2,4-Trimethylpentane	7.86	57	31742	0.095	ppbv # 1
51) 2-Hexanone	10.13	43	166202	1.223	ppbv 95
52) Tetrachloroethene	11.22	164	122791	1.691	ppbv 91
53) Toluene	9.80	91	315337	1.479	ppbv 98
58) Ethyl Benzene	12.70	91	83280	0.310	ppbv 96
59) m/p-Xylene	12.96	91	261232	1.112	ppbv 93
60) o-Xylene	13.69	91	126113	0.565	ppbv 99
62) Isopropylbenzene	14.66	105	50512	0.151	ppbv 96
74) 1,2,4-Trimethylbenzene	16.75	105	17652	0.068	ppbv # 67

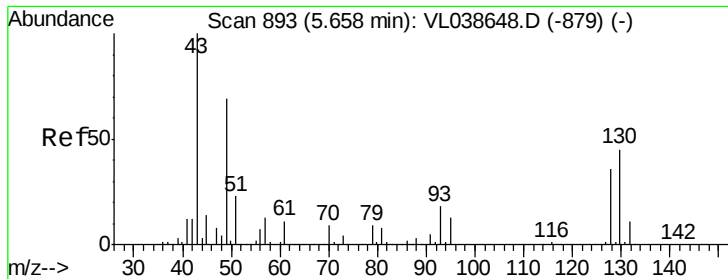
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 30 Mar 2022 22:01

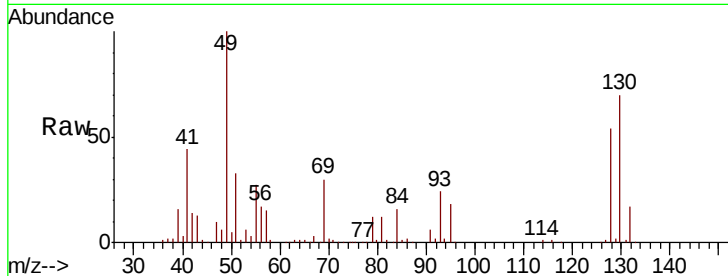
Tot Ion: 49 Resp: 853646

Ion Ratio Lower Upper

49 100

128 58.3 26.2 78.6

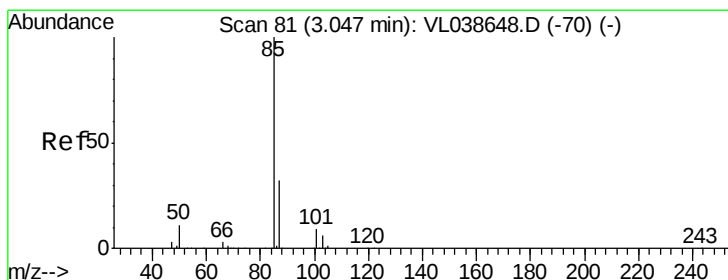
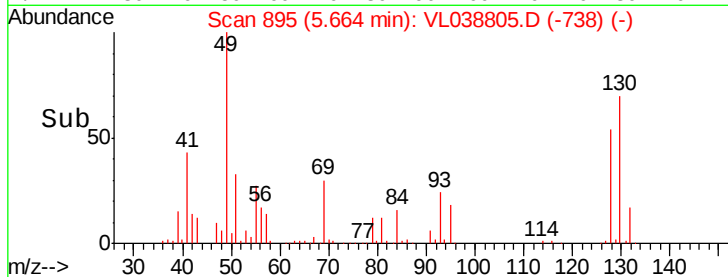
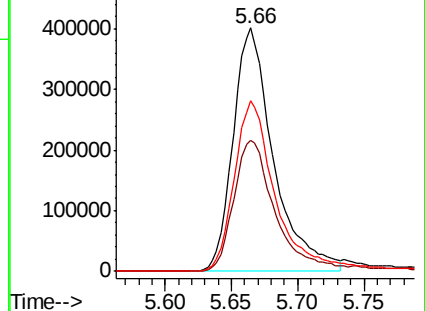
130 73.6 33.7 101.1



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.904 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.01 min

Lab File: VL038805.D

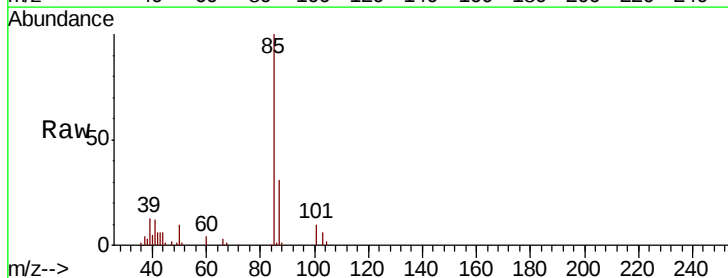
Acq: 30 Mar 2022 22:01

Tgt Ion: 85 Resp: 103731

Ion Ratio Lower Upper

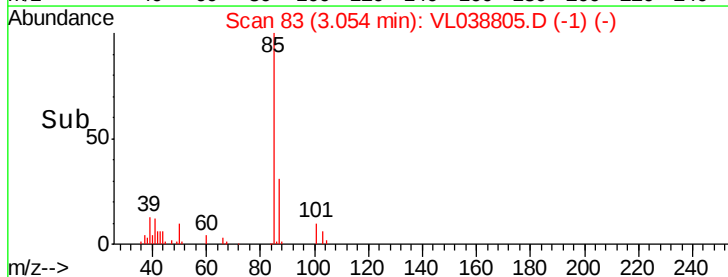
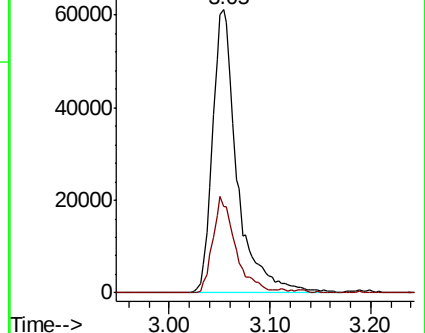
85 100

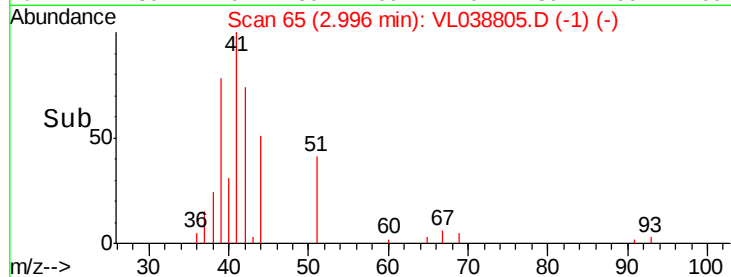
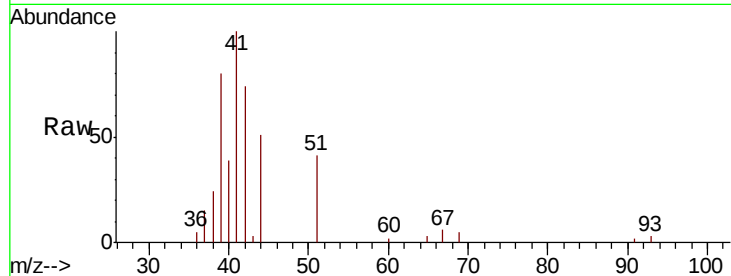
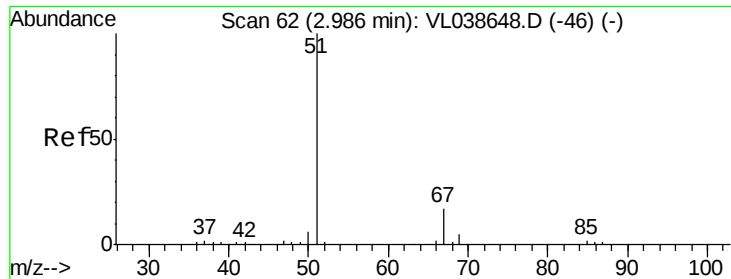
87 30.6 26.0 39.0



Abundance Ion 85.00 (84.70 to 85.70): VL0

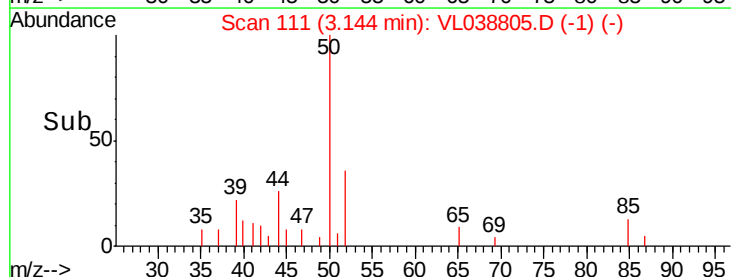
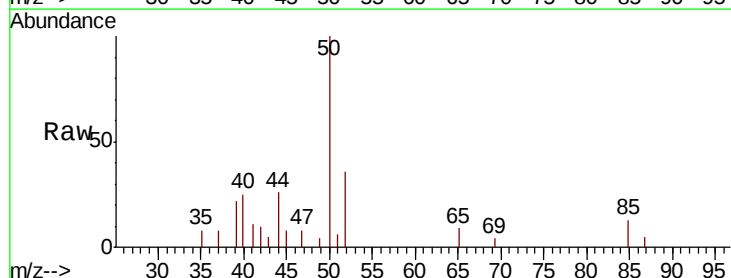
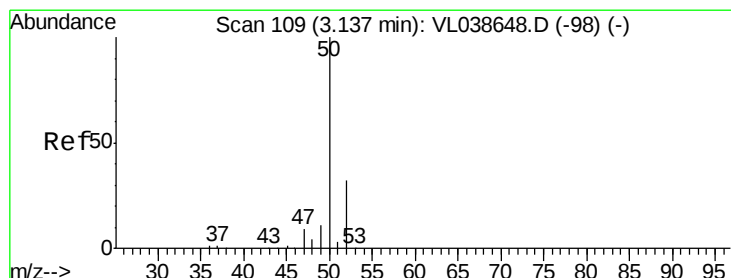
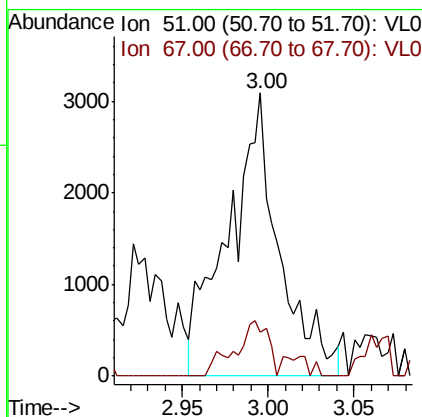
Ion 87.00 (86.70 to 87.70): VL0





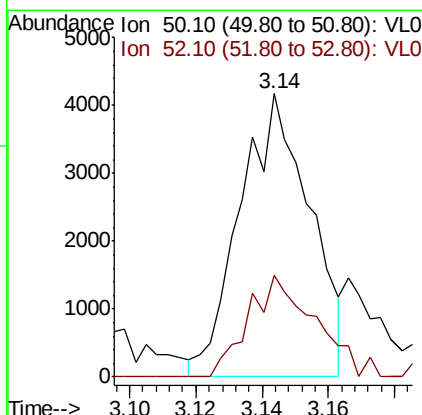
#3
Chlorodifluoromethane
Concen: 0.071 ppbv
RT: 3.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 30 Mar 2022 22:01

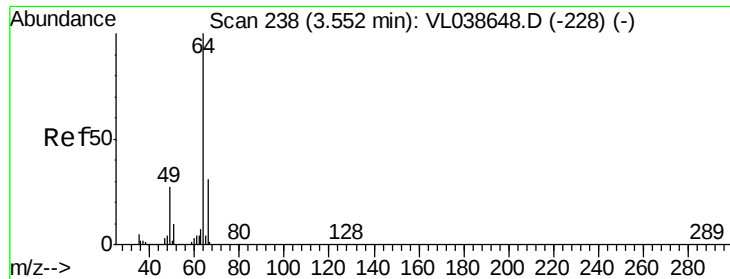
Tot Ion: 51 Resp: 6370
Ion Ratio Lower Upper
51 100
67 16.2 14.1 21.1



#4
Chloromethane
Concen: 0.124 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.01 min
Lab File: VL038805.D
Acq: 30 Mar 2022 22:01

Tgt Ion: 50 Resp: 6122
Ion Ratio Lower Upper
50 100
52 38.4 25.5 38.3#





#7

Chloroethane

Concen: 0.106 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

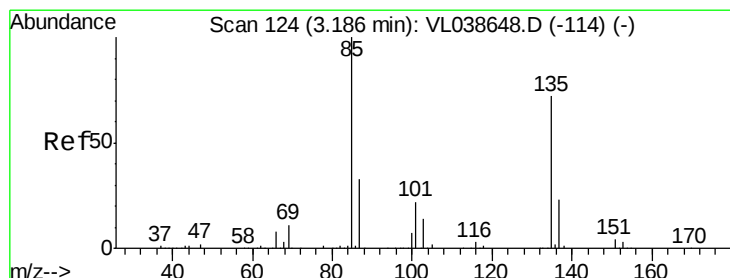
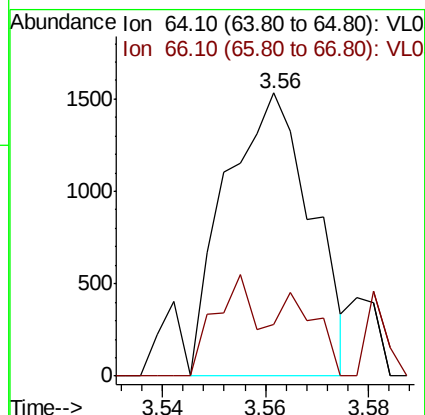
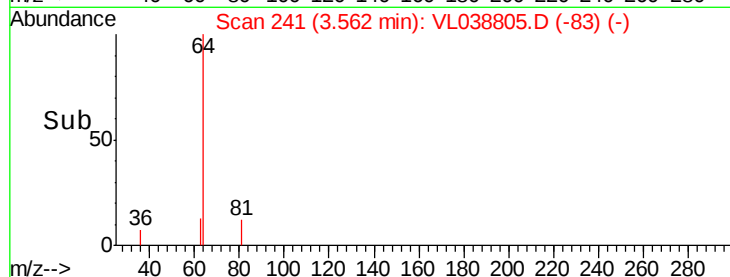
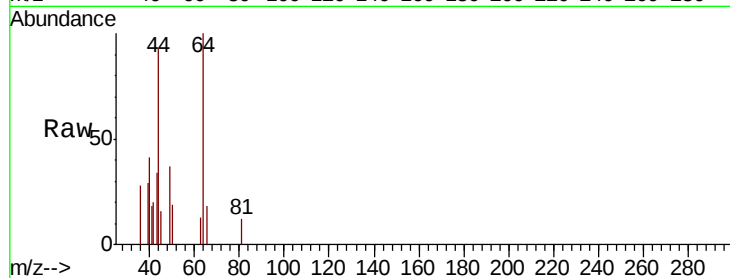
Acq: 30 Mar 2022 22:01

Tot Ion: 64 Resp: 1764

Ion Ratio Lower Upper

64 100

66 18.4 25.0 37.6#



#8

Dichlorotetrafluoroethane

Concen: 0.905 ppbv

RT: 3.05 min Scan# 83

Delta R.T. -0.13 min

Lab File: VL038805.D

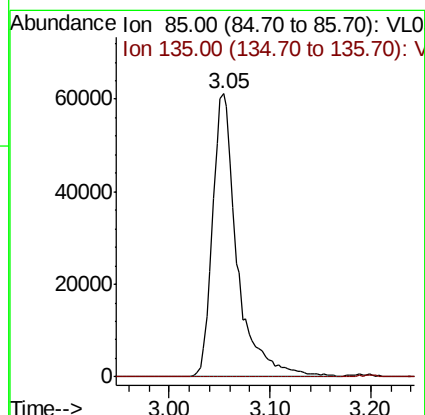
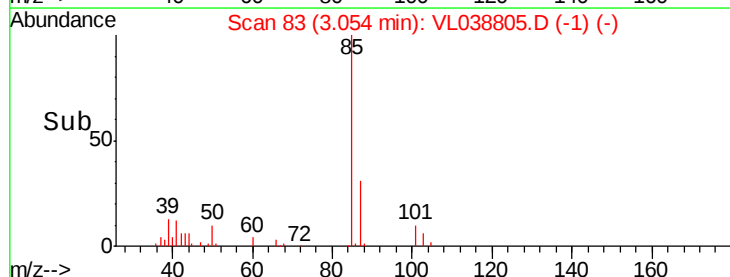
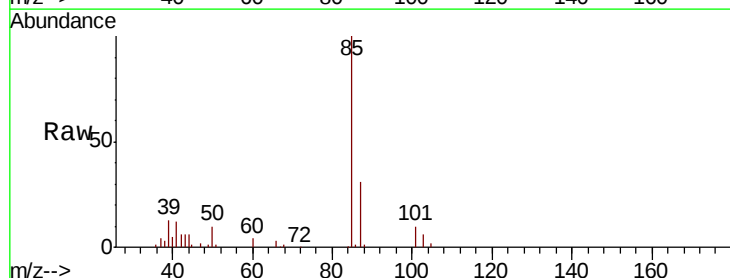
Acq: 30 Mar 2022 22:01

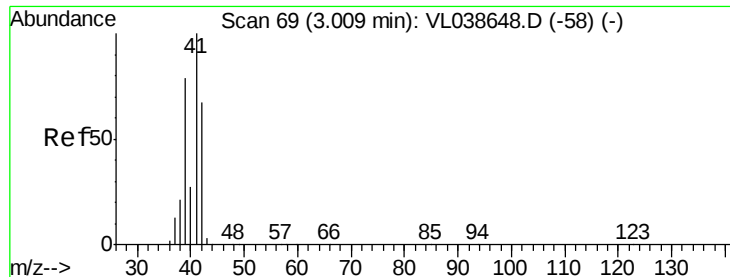
Tgt Ion: 85 Resp: 103731

Ion Ratio Lower Upper

85 100

135 0.5 57.8 86.6#





#9

Propene

Concen: 2.750 ppbv

RT: 3.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

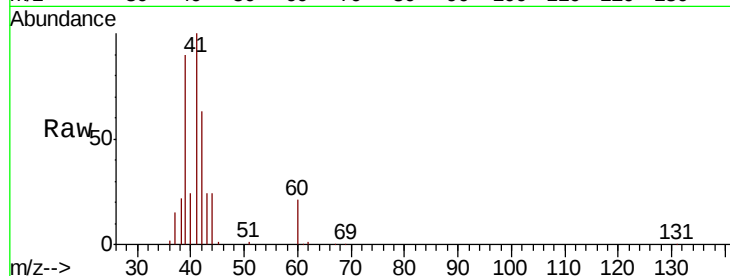
Acq: 30 Mar 2022 22:01

Tot Ion: 41 Resp: 119717

Ion Ratio Lower Upper

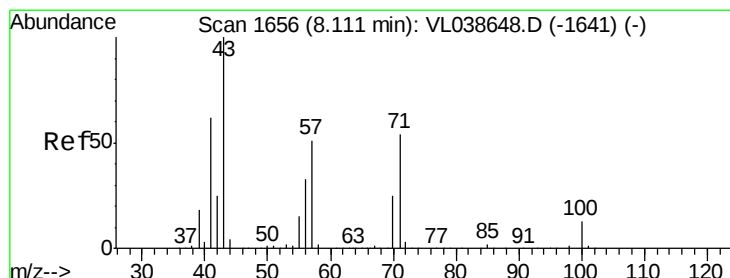
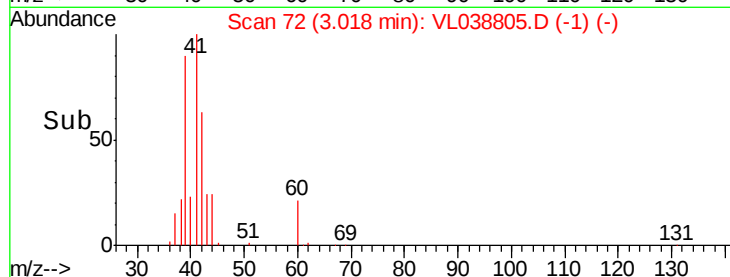
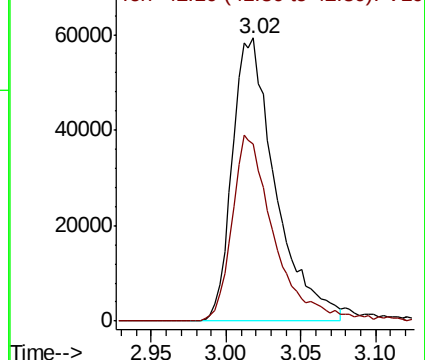
41 100

42 64.2 56.2 84.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 0.733 ppbv

RT: 8.12 min Scan# 1658

Delta R.T. 0.01 min

Lab File: VL038805.D

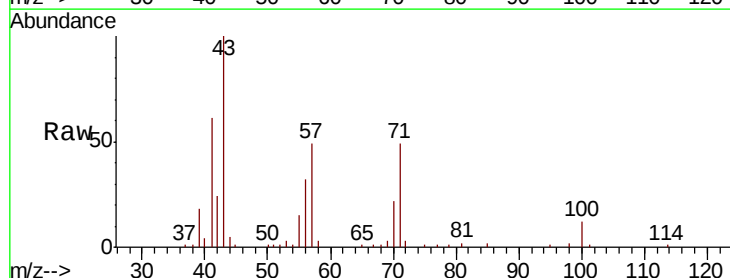
Acq: 30 Mar 2022 22:01

Tgt Ion: 43 Resp: 76260

Ion Ratio Lower Upper

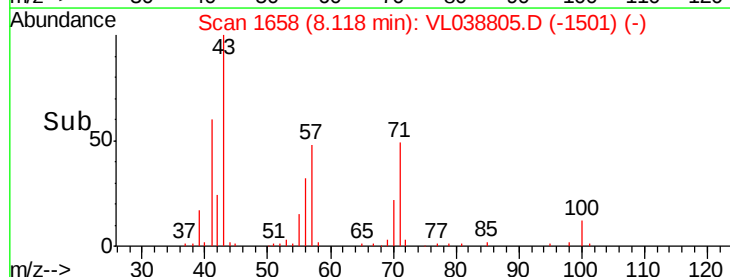
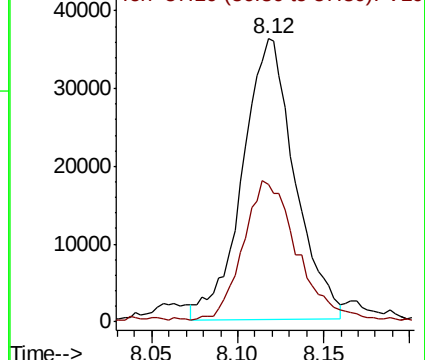
43 100

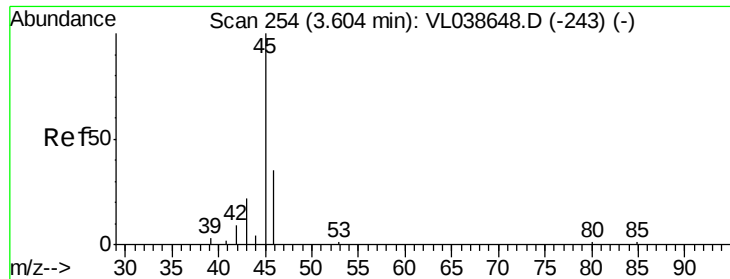
57 51.3 41.4 62.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

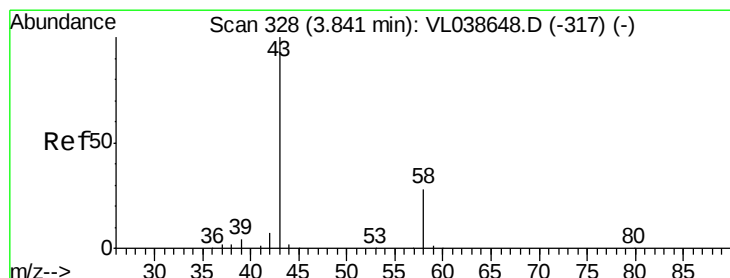
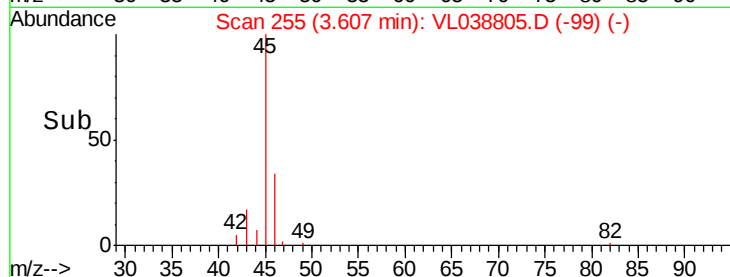
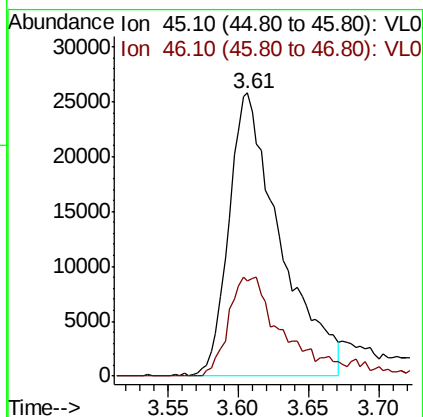
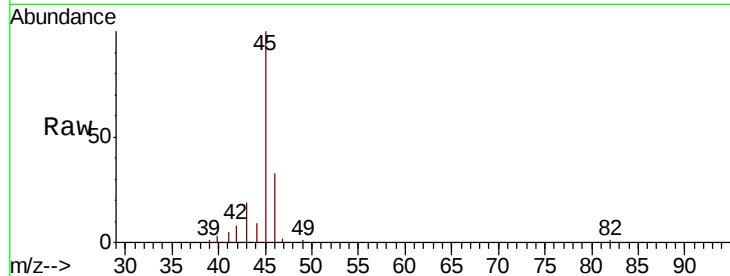
Ion 57.10 (56.80 to 57.80): VL0





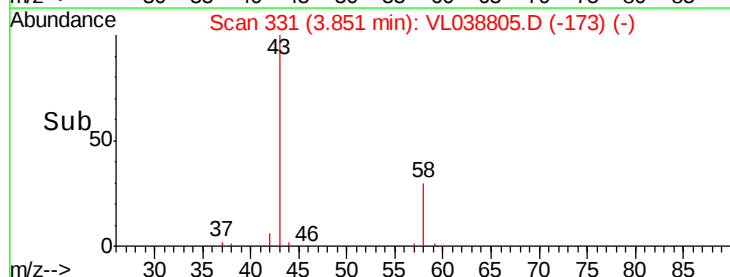
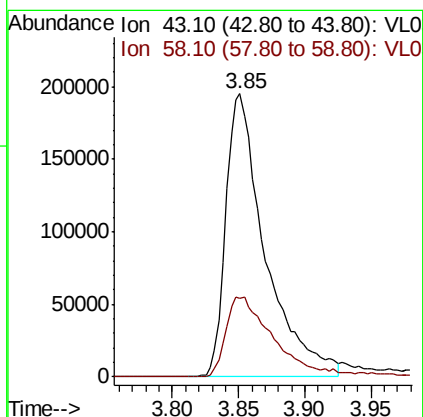
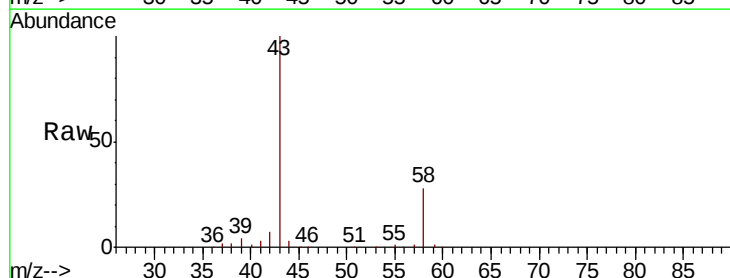
#13
 Ethanol
 Concen: 13.708 ppbv
 RT: 3.61
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 30 Mar 2022 22:01

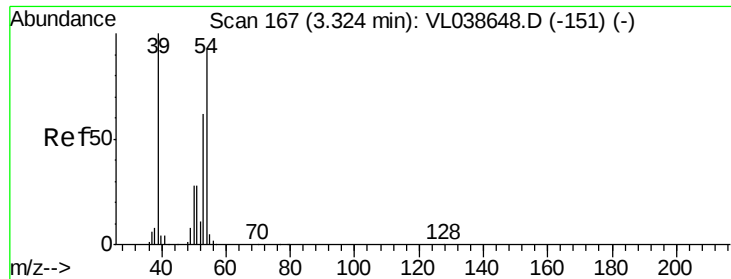
Tot Ion: 45 Resp: 65817
 Ion Ratio Lower Upper
 45 100
 46 40.5 15.1 60.5



#15
 Acetone
 Concen: 5.475 ppbv
 RT: 3.85 min Scan# 331
 Delta R.T. 0.01 min
 Lab File: VL038805.D
 Acq: 30 Mar 2022 22:01

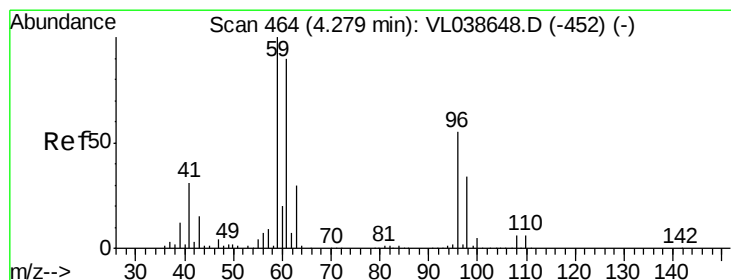
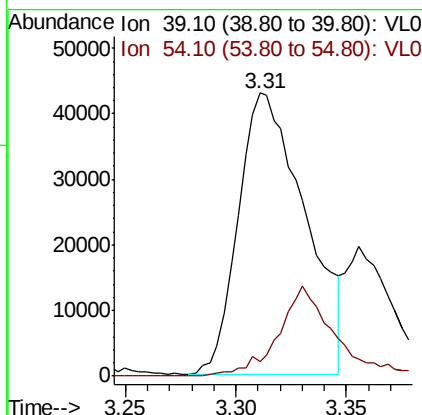
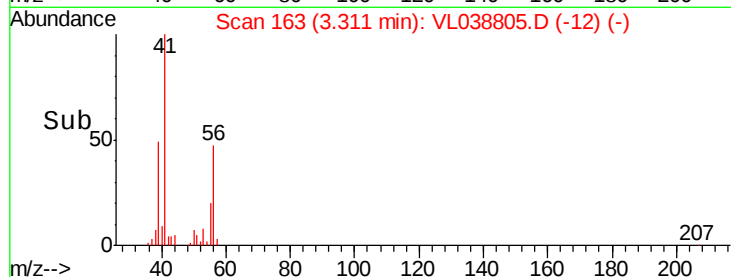
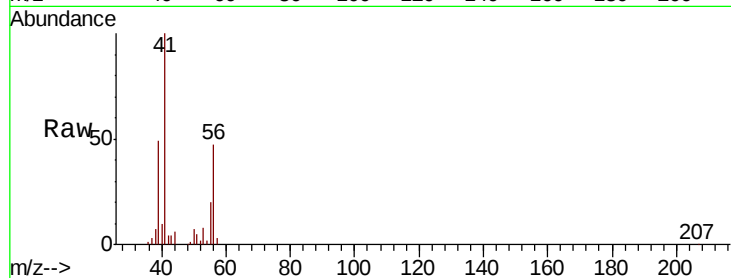
Tgt Ion: 43 Resp: 403316
 Ion Ratio Lower Upper
 43 100
 58 35.9 23.3 34.9#





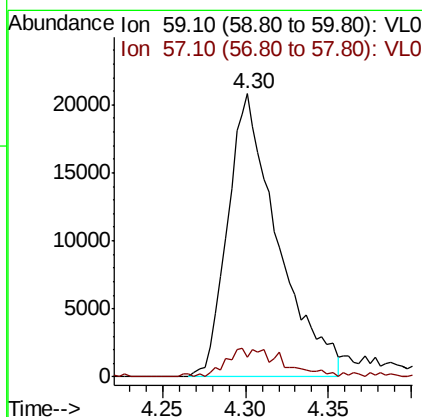
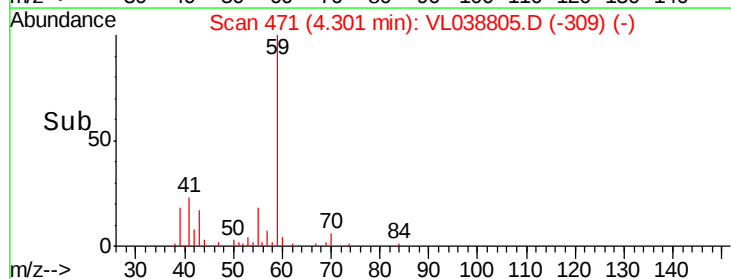
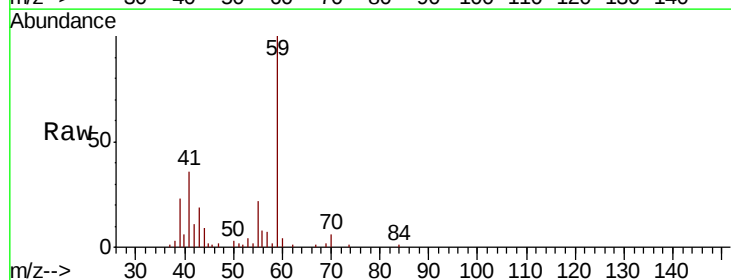
#16
 1,3-Butadiene
 Concen: 2.167 ppbv
 RT: 3.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 30 Mar 2022 22:01

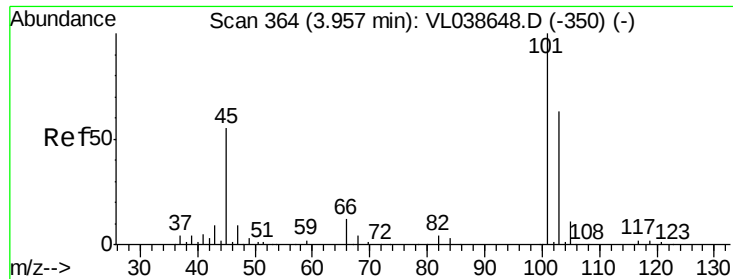
Tot Ion: 39 Resp: 90571
 Ion Ratio Lower Upper
 39 100
 54 27.7 69.1 103.7#



#17
 tert-Butyl alcohol
 Concen: 0.681 ppbv
 RT: 4.30 min Scan# 471
 Delta R.T. 0.02 min
 Lab File: VL038805.D
 Acq: 30 Mar 2022 22:01

Tgt Ion: 59 Resp: 43813
 Ion Ratio Lower Upper
 59 100
 57 11.7 8.2 12.2





#19

Isopropyl Alcohol

Concen: 0.270 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

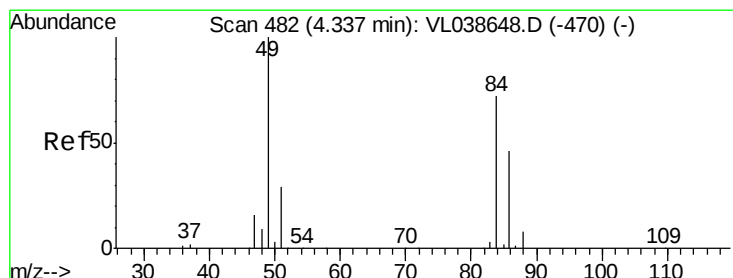
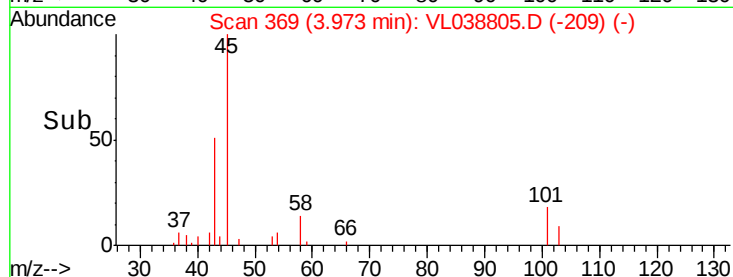
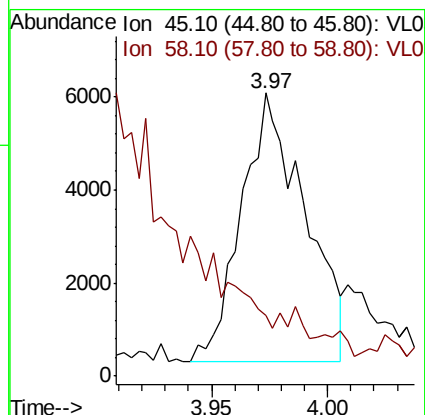
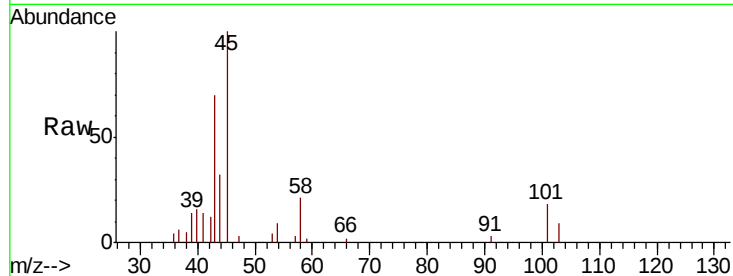
Acq: 30 Mar 2022 22:01

Tot Ion: 45 Resp: 11008

Ion Ratio Lower Upper

45 100

58 1314.5 2.3 3.5#



#20

Methylene Chloride

Concen: 0.836 ppbv

RT: 4.34 min Scan# 484

Delta R.T. 0.01 min

Lab File: VL038805.D

Acq: 30 Mar 2022 22:01

Tgt Ion: 84 Resp: 25951

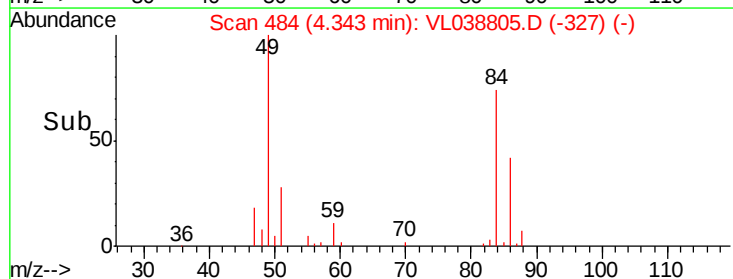
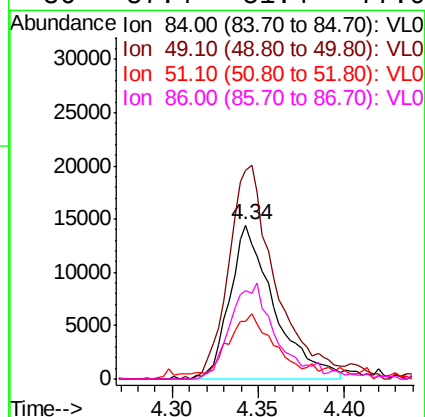
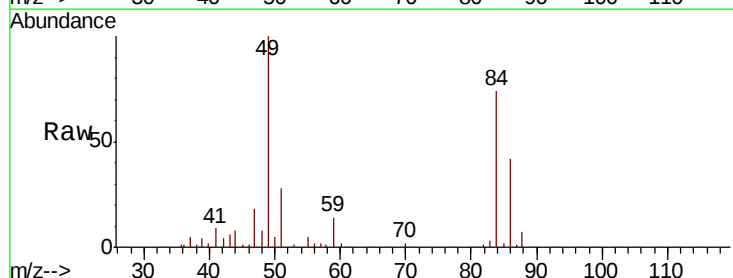
Ion Ratio Lower Upper

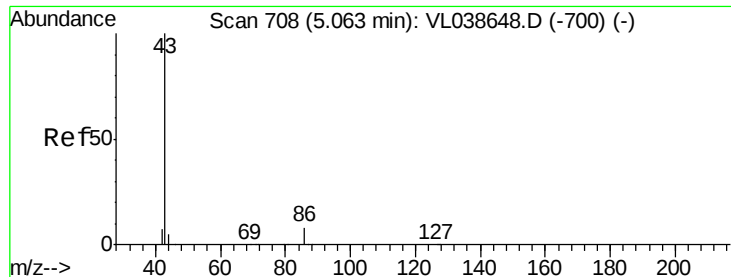
84 100

49 135.8 111.2 166.8

51 34.2 32.8 49.2

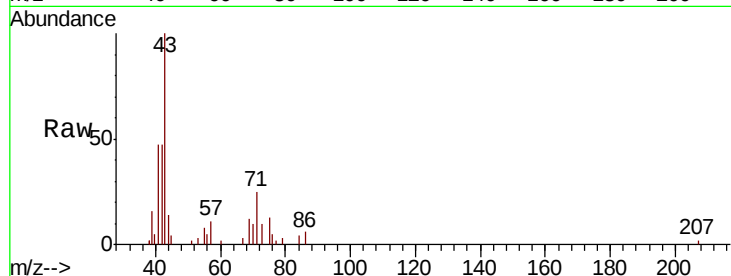
86 57.4 51.4 77.0



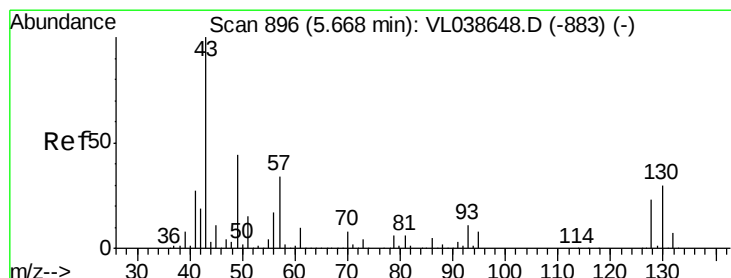
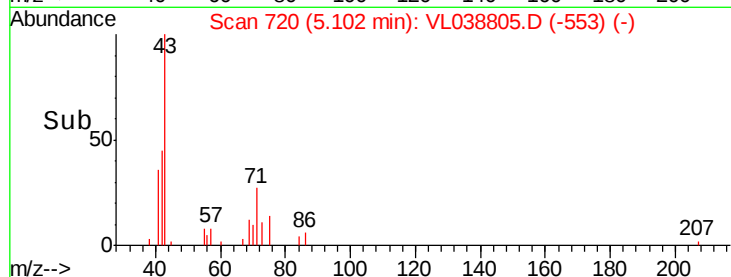
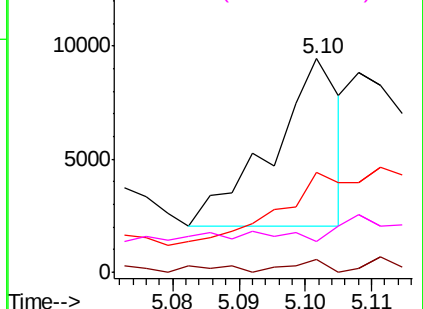


#23
 Vinyl Acetate
 Concen: 0.074 ppbv
 RT: 5.10
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 30 Mar 2022 22:01

Tot Ion:	43	Resp:	5300
Ion	Ratio	Lower	Upper
43	100		
86	7.5	5.6	8.4
42	40.8	6.8	10.2#
44	0.0	4.2	6.2#

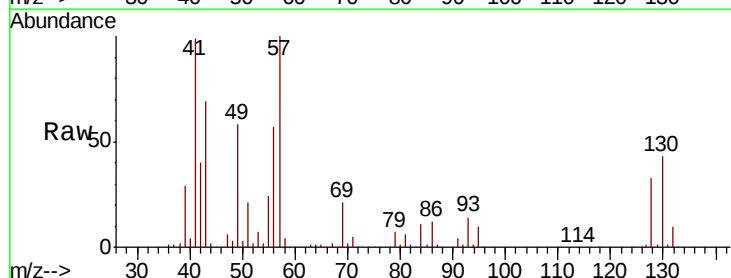


Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 86.10 (85.80 to 86.80): VL0
 Ion 42.10 (41.80 to 42.80): VL0
 Ion 44.10 (43.80 to 44.80): VL0

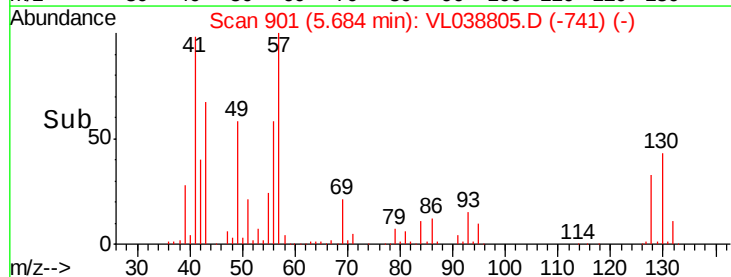
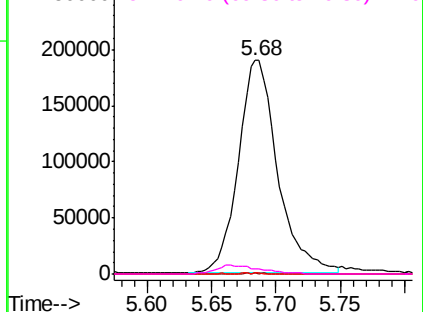


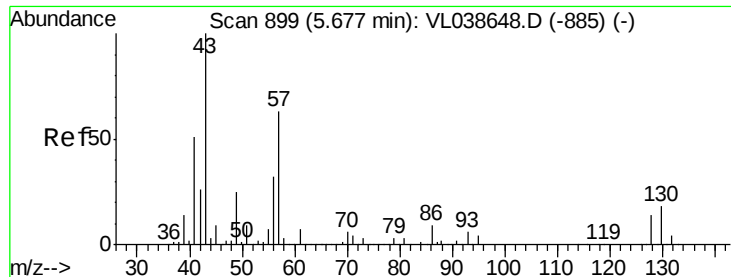
#25
 Ethyl Acetate
 Concen: 2.166 ppbv
 RT: 5.68 min Scan# 901
 Delta R.T.: 0.02 min
 Lab File: VL038805.D
 Acq: 30 Mar 2022 22:01

Tgt Ion:	43	Resp:	401577
Ion	Ratio	Lower	Upper
43	100		
45	0.4	8.2	12.4#
61	0.4	8.3	12.5#
70	4.7	5.6	8.4#



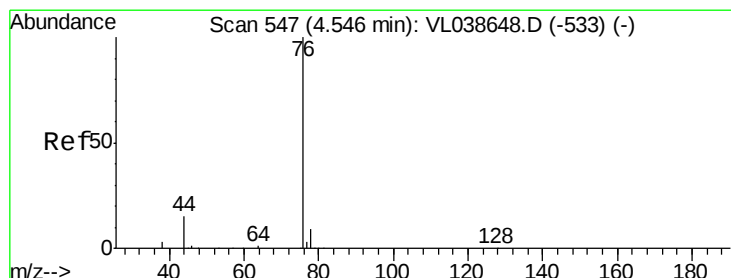
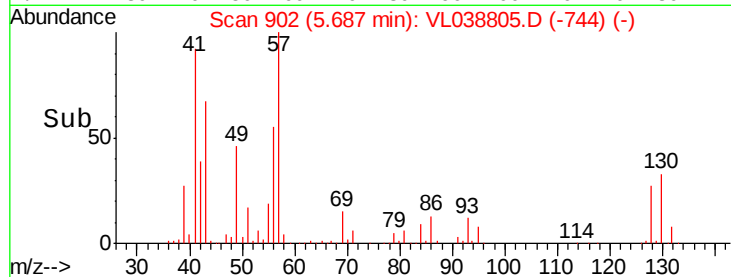
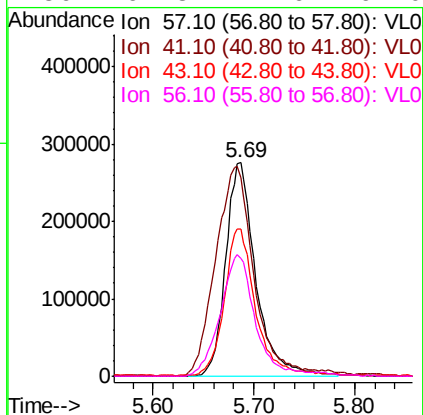
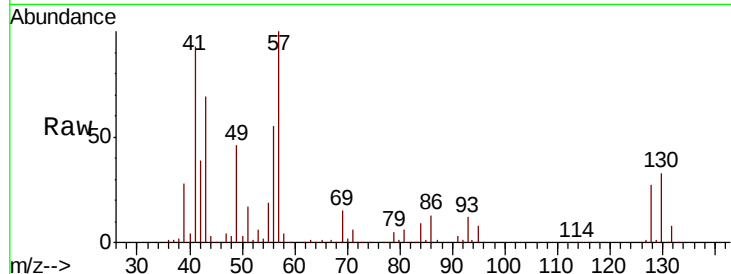
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 45.10 (44.80 to 45.80): VL0
 Ion 61.10 (60.80 to 61.80): VL0
 Ion 70.10 (69.80 to 70.80): VL0





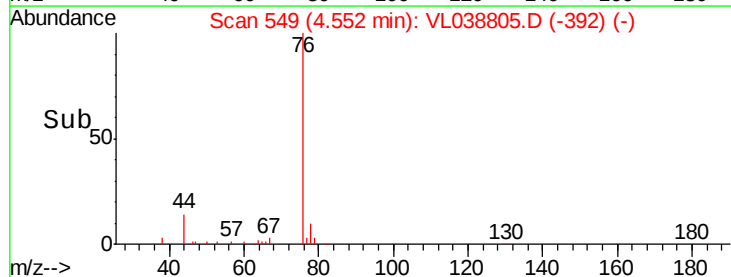
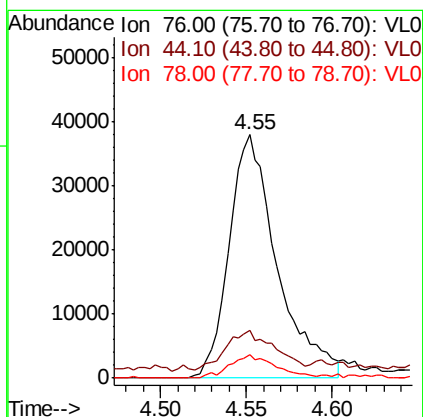
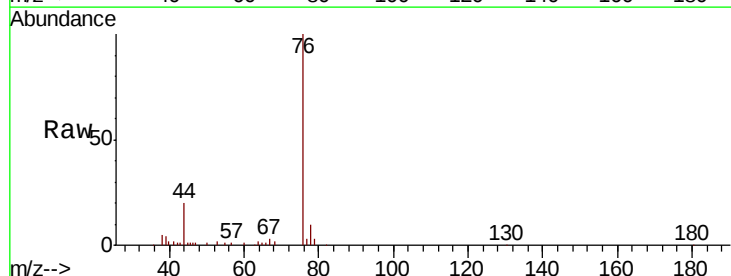
#26
Hexane
Concen: 6.901 ppbv
RT: 5.69
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 30 Mar 2022 22:01

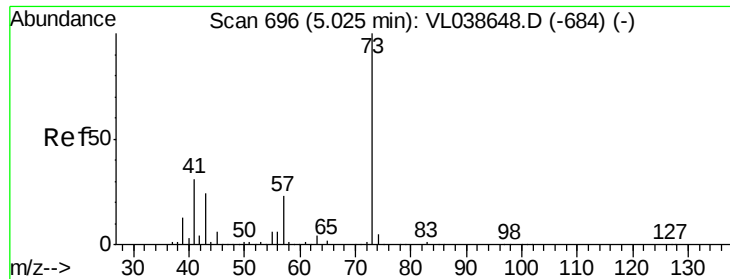
Tot Ion	Ratio	Lower	Upper
57	100		
41	127.3	67.0	100.4#
43	72.3	184.2	276.2#
56	67.8	42.6	64.0#



#27
Carbon Disulfide
Concen: 0.907 ppbv
RT: 4.55 min Scan# 549
Delta R.T.: 0.01 min
Lab File: VL038805.D
Acq: 30 Mar 2022 22:01

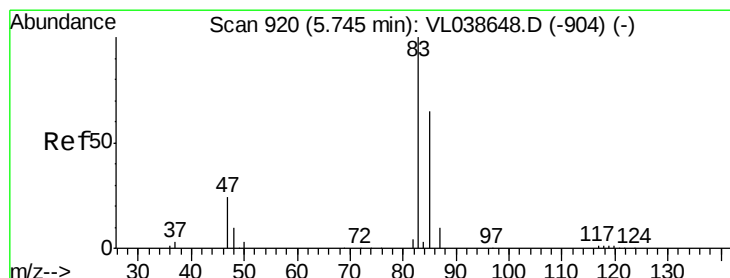
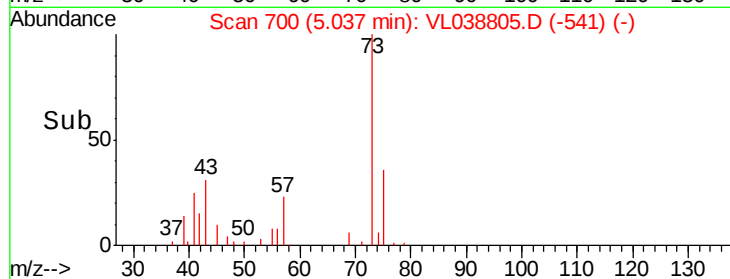
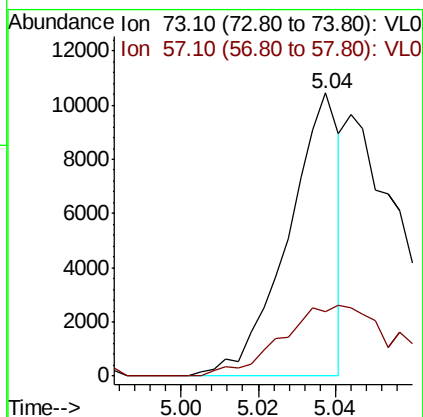
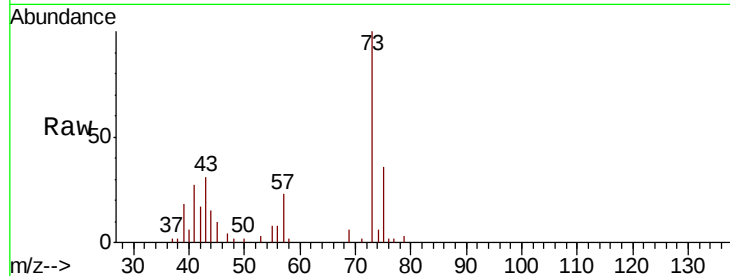
Tgt Ion	Ratio	Lower	Upper
76	100		
44	20.2	12.4	18.6#
78	9.4	7.8	11.8





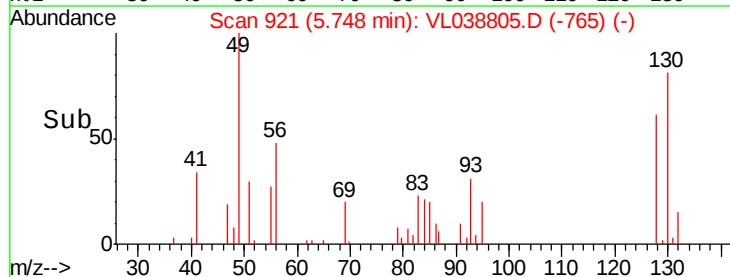
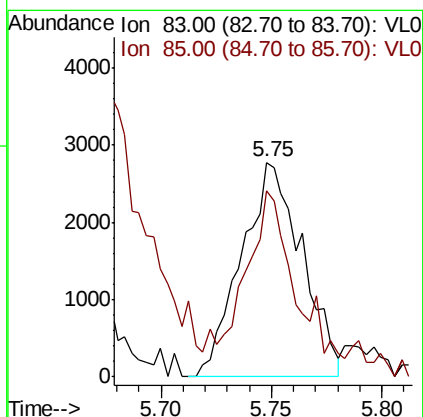
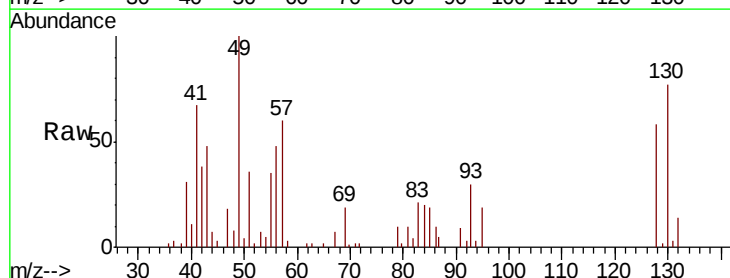
#28
Methvl tert-Butvl Ether
Concen: 0.157 ppbv
RT: 5.04
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 30 Mar 2022 22:01

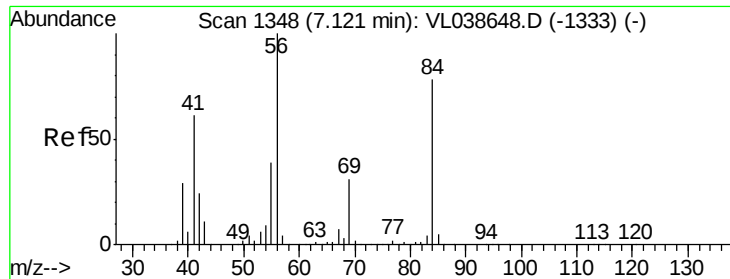
Tot Ion: 73 Resp: 9707
Ion Ratio Lower Upper
73 100
57 0.0 19.2 28.8#



#29
Chloroform
Concen: 0.040 ppbv
RT: 5.75 min Scan# 921
Delta R.T. 0.00 min
Lab File: VL038805.D
Acq: 30 Mar 2022 22:01

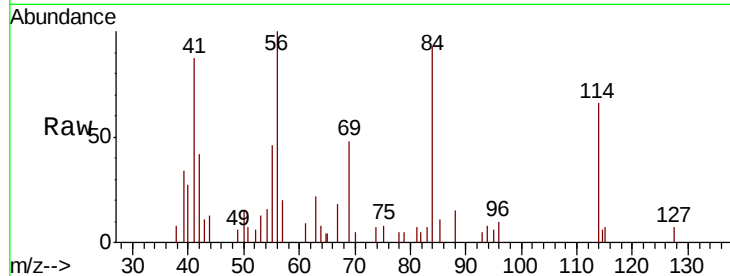
Tgt Ion: 83 Resp: 5282
Ion Ratio Lower Upper
83 100
85 75.6 51.7 77.5



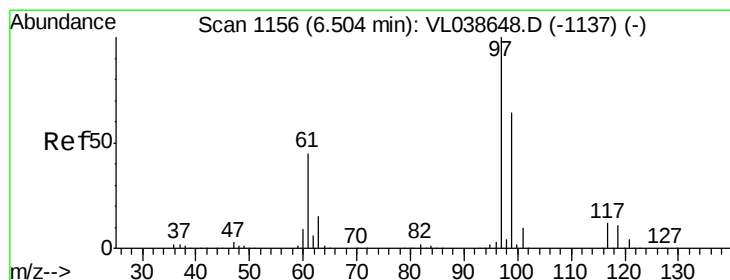
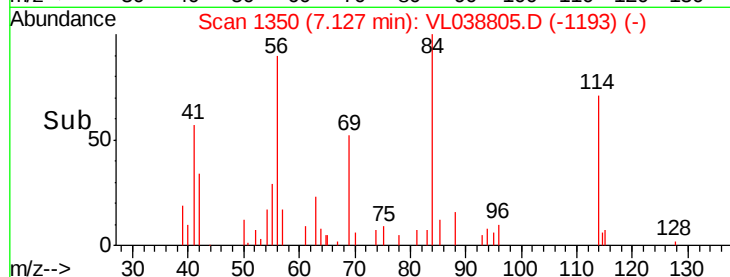
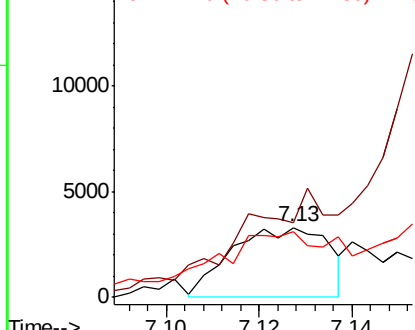


#30
Cvclohexane
Concen: 0.067 ppbv
RT: 7.13
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 30 Mar 2022 22:01

Tot Ion: 84 Resp: 4815
Ion Ratio Lower Upper
84 100
56 0.0 108.2 162.4#
41 139.3 61.8 92.6#

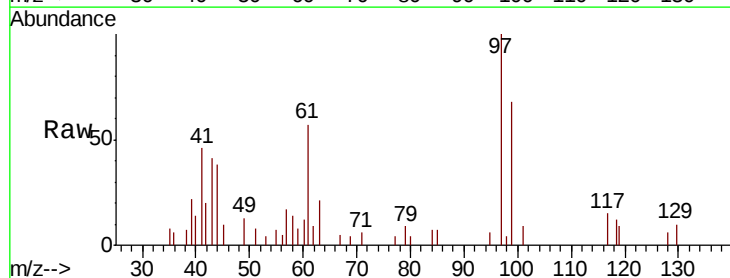


Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0

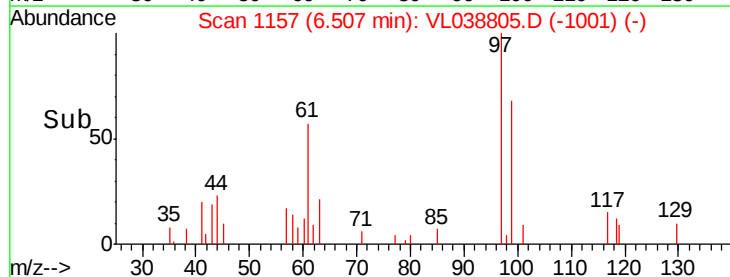
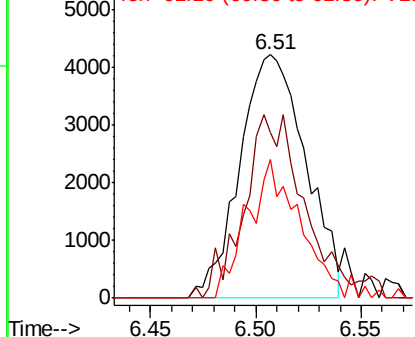


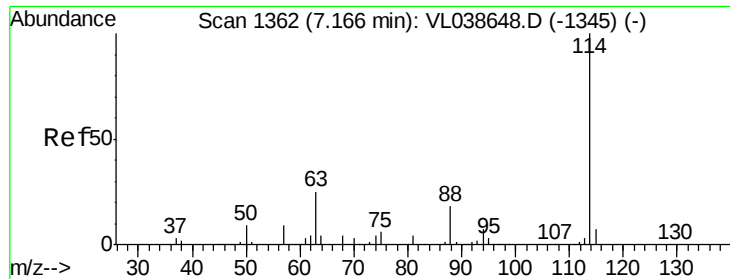
#32
1,1,1-Trichloroethane
Concen: 0.072 ppbv
RT: 6.51 min Scan# 1157
Delta R.T. 0.00 min
Lab File: VL038805.D
Acq: 30 Mar 2022 22:01

Tgt Ion: 97 Resp: 9208
Ion Ratio Lower Upper
97 100
99 70.2 51.8 77.8
61 47.0 36.7 55.1



Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 30 Mar 2022 22:01

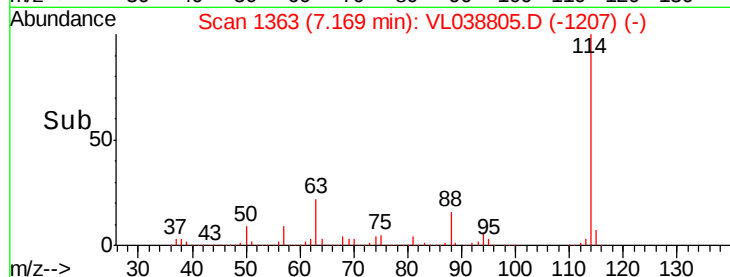
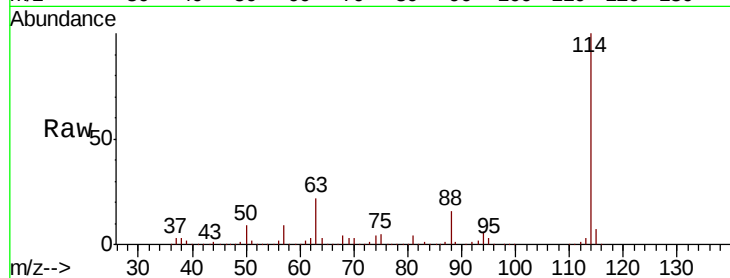
Tot Ion:114 Resp: 2571527

Ion Ratio Lower Upper

114 100

63 21.7 19.4 29.0

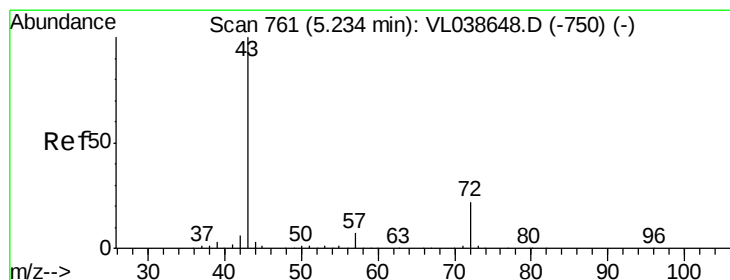
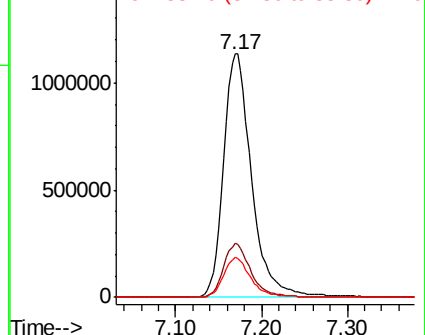
88 16.1 13.9 20.9



Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 4.248 ppbv

RT: 5.25 min Scan# 765

Delta R.T. 0.01 min

Lab File: VL038805.D

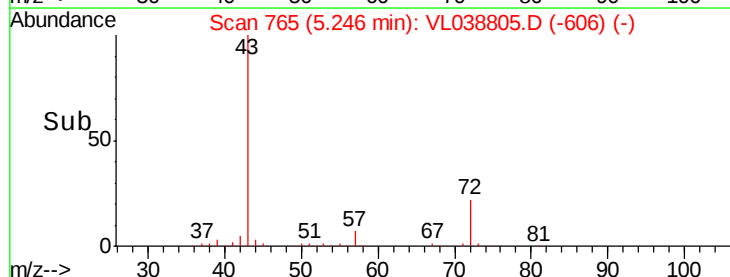
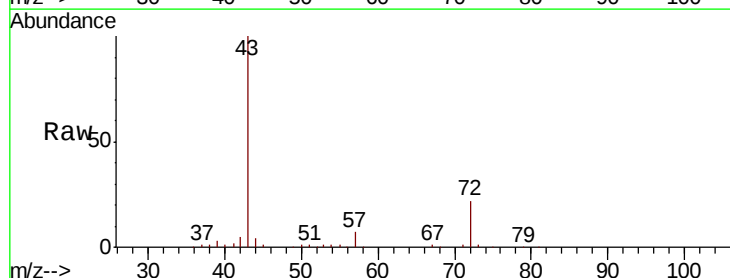
Acq: 30 Mar 2022 22:01

Tgt Ion: 43 Resp: 432339

Ion Ratio Lower Upper

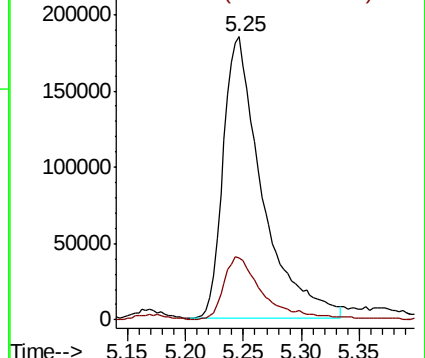
43 100

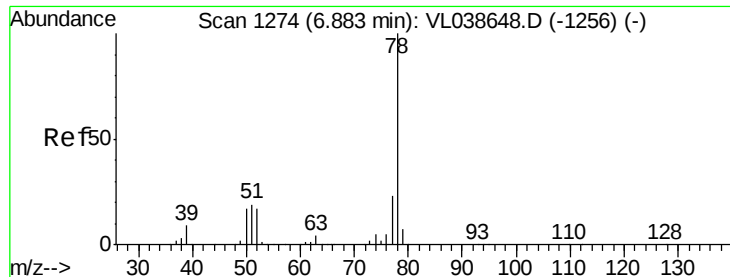
72 23.4 17.8 26.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

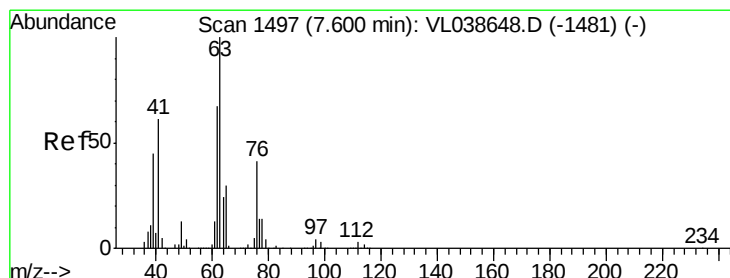
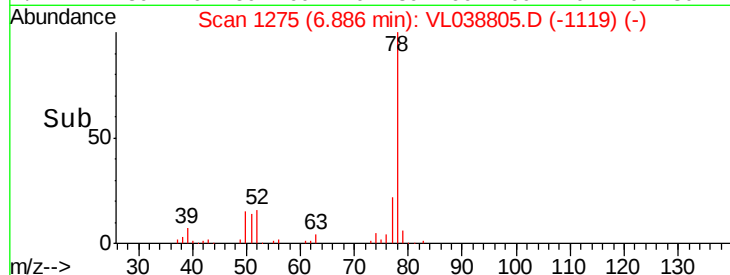
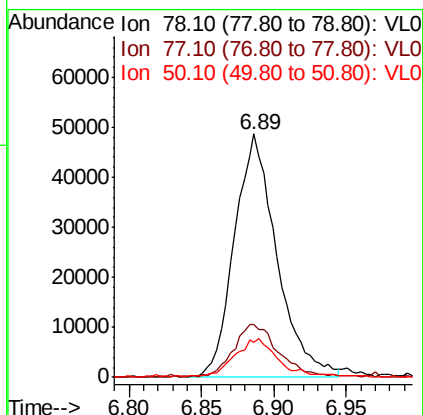
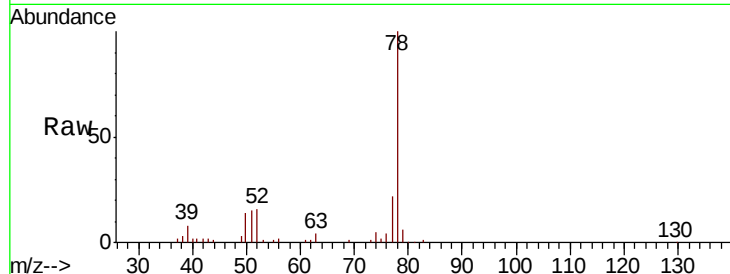
Ion 72.10 (71.80 to 72.80): VL0





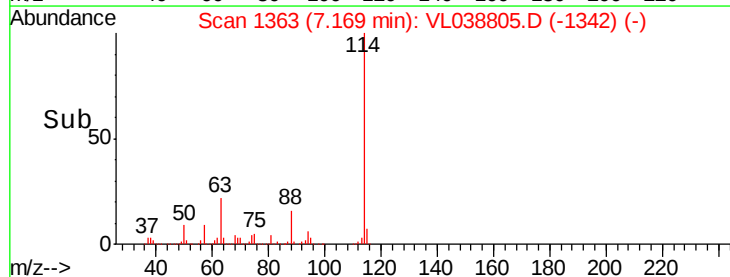
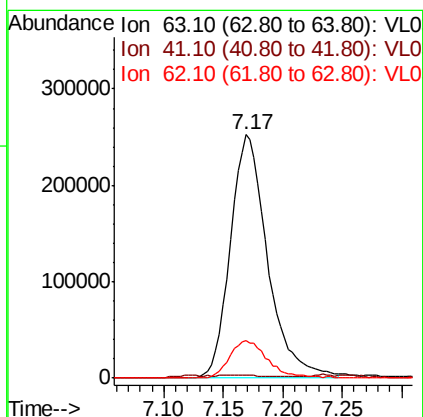
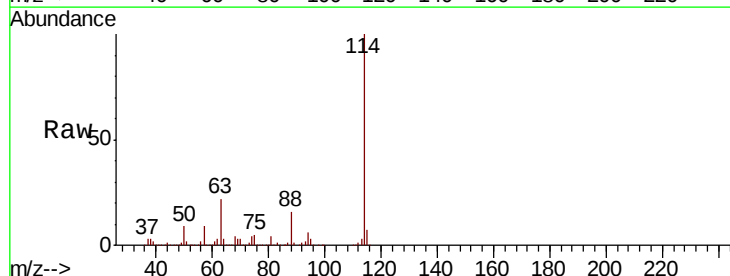
#36
Benzene
Concen: 0.501 ppbv
RT: 6.89
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 30 Mar 2022 22:01

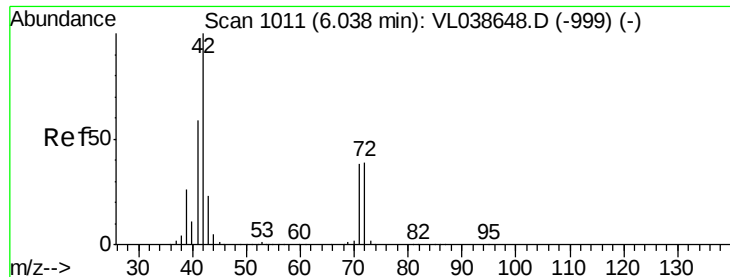
Tot Ion	78	Resp	99371
Ion Ratio	Lower	Upper	
78	100		
77	21.7	18.1	27.1
50	14.1	13.6	20.4



#39
1,2-Dichloropropane
Concen: 7.077 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.43 min
Lab File: VL038805.D
Acq: 30 Mar 2022 22:01

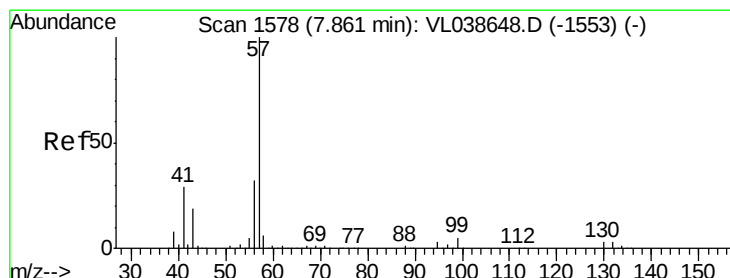
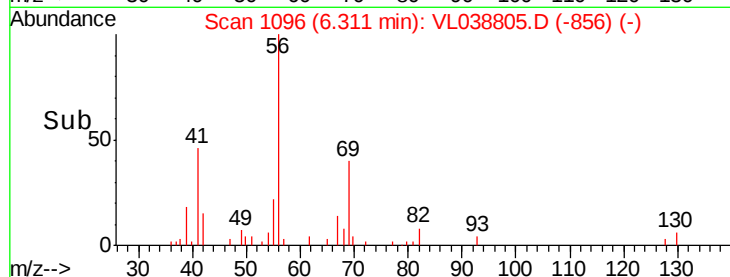
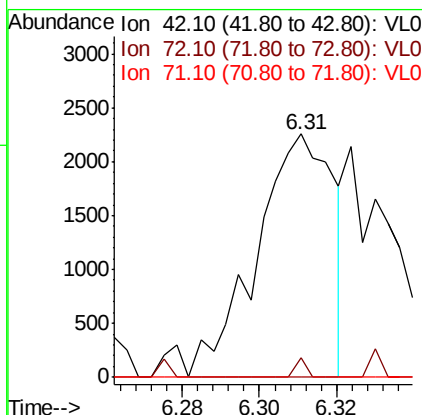
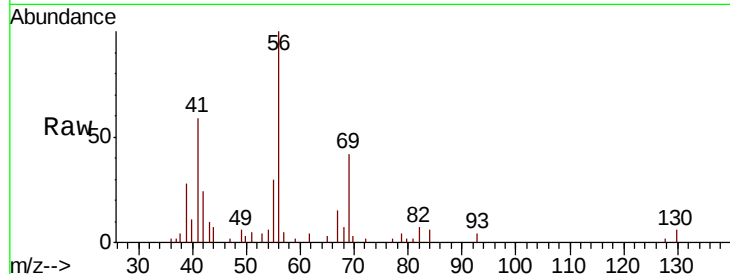
Tgt Ion	63	Resp	549115
Ion Ratio	Lower	Upper	
63	100		
41	0.1	49.0	73.6#
62	15.6	53.9	80.9#





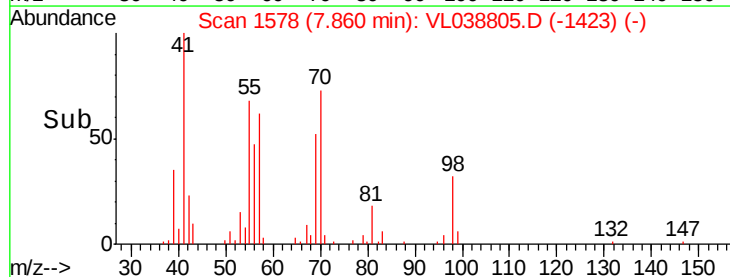
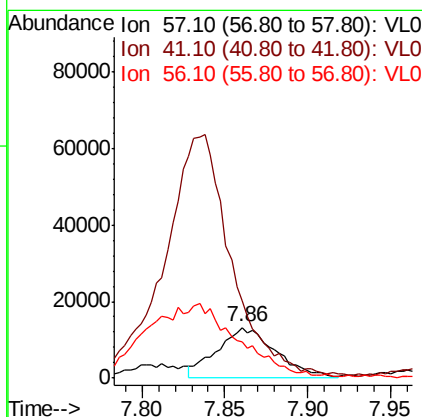
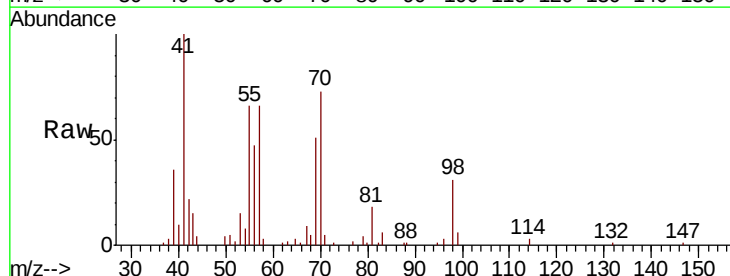
#41
Tetrahydrofuran
Concen: 0.041 ppbv
RT: 6.31
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 30 Mar 2022 22:01

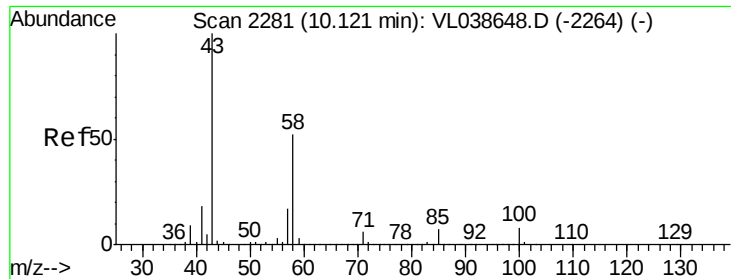
Tot Ion: 42 Resp: 3125
Ion Ratio Lower Upper
42 100
72 3.1 32.5 48.7#
71 0.0 31.4 47.2#



#44
2,2,4-Trimethylpentane
Concen: 0.095 ppbv
RT: 7.86 min Scan# 1578
Delta R.T.: -0.00 min
Lab File: VL038805.D
Acq: 30 Mar 2022 22:01

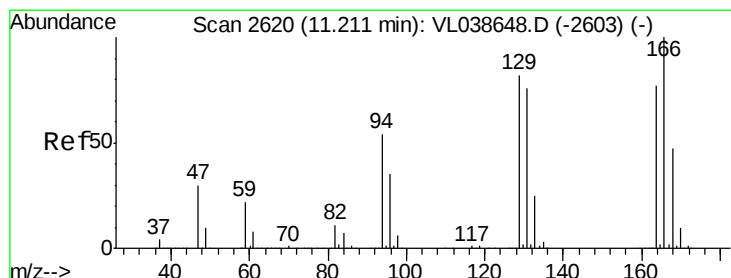
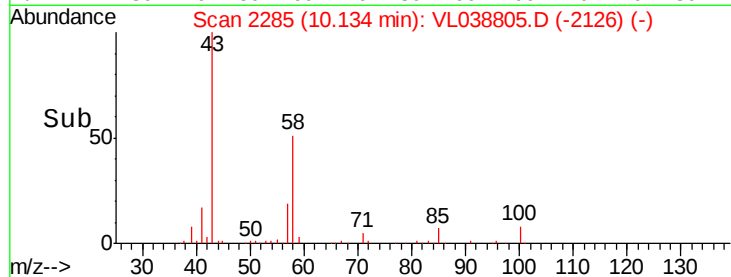
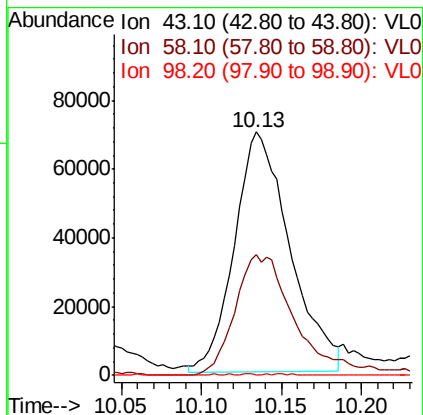
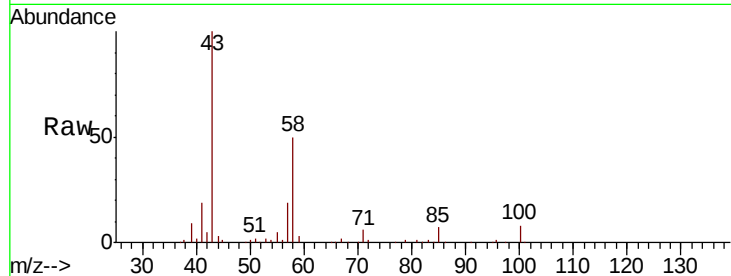
Tgt Ion: 57 Resp: 31742
Ion Ratio Lower Upper
57 100
41 556.4 23.0 34.4#
56 238.0 25.3 37.9#





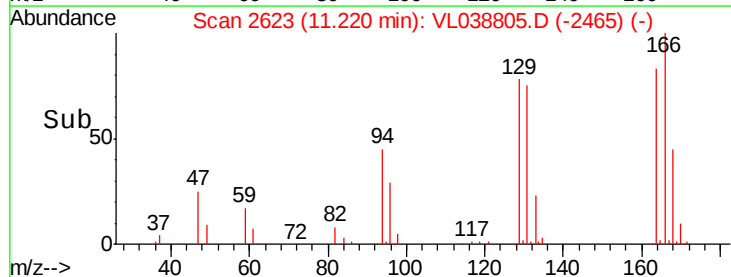
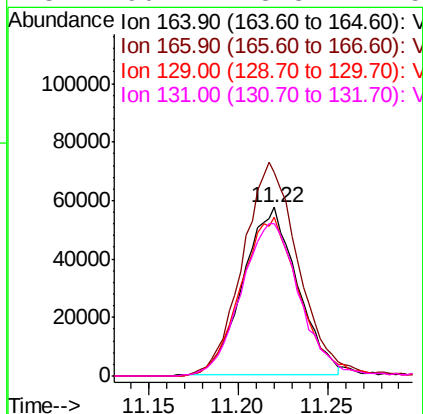
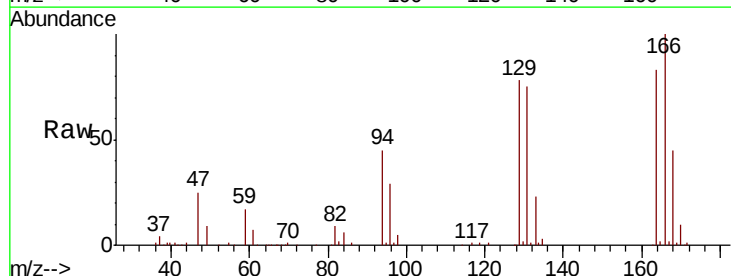
#51
2-Hexanone
Concen: 1.223 ppbv
RT: 10.13 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 30 Mar 2022 22:01

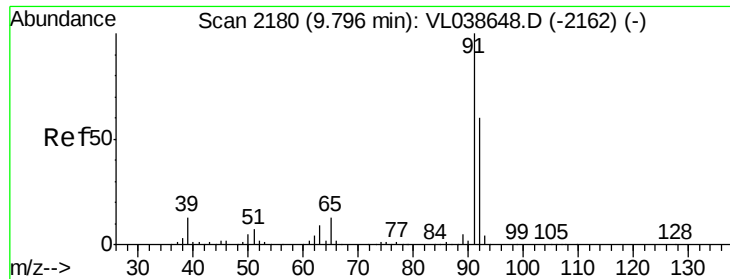
Tot Ion:	43	Resp:	166202
Ion	Ratio	Lower	Upper
43	100		
58	55.0	41.2	61.8
98	0.3	0.2	0.4



#52
Tetrachloroethene
Concen: 1.691 ppbv
RT: 11.22 min Scan# 2623
Delta R.T.: 0.01 min
Lab File: VL038805.D
Acq: 30 Mar 2022 22:01

Tgt Ion:	164	Resp:	122791
Ion	Ratio	Lower	Upper
164	100		
166	120.3	103.3	154.9
129	93.3	85.2	127.8
131	90.2	78.3	117.5





#53

Toluene

Concen: 1.479 ppbv

RT: 9.80 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

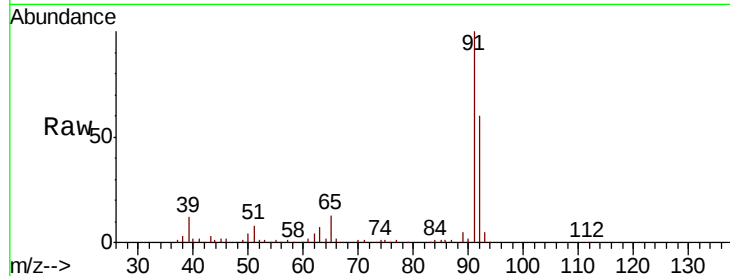
Acq: 30 Mar 2022 22:01

Tot Ion: 91 Resp: 315337

Ion Ratio Lower Upper

91 100

92 59.8 48.7 73.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

150000

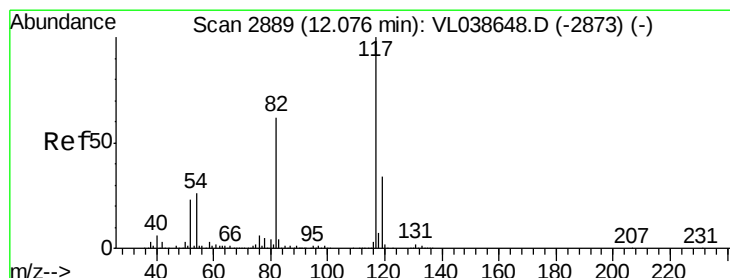
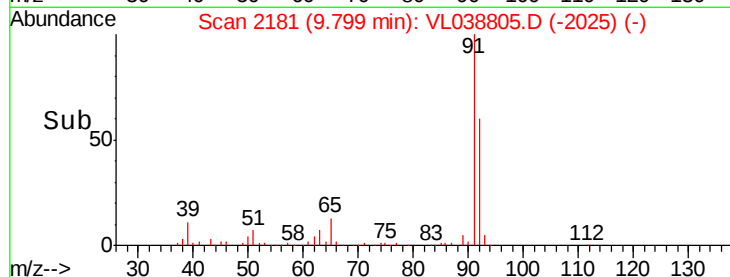
100000

50000

0

9.70 9.75 9.80 9.85 9.90

Time-->



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2890

Delta R.T. 0.00 min

Lab File: VL038805.D

Acq: 30 Mar 2022 22:01

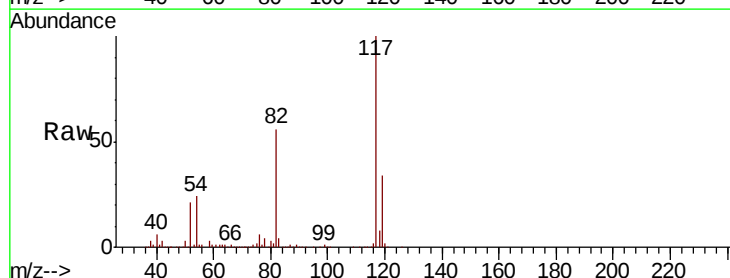
Tgt Ion: 117 Resp: 2297072

Ion Ratio Lower Upper

117 100

82 59.9 51.6 77.4

119 33.8 26.9 40.3



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

1200000

1000000

800000

600000

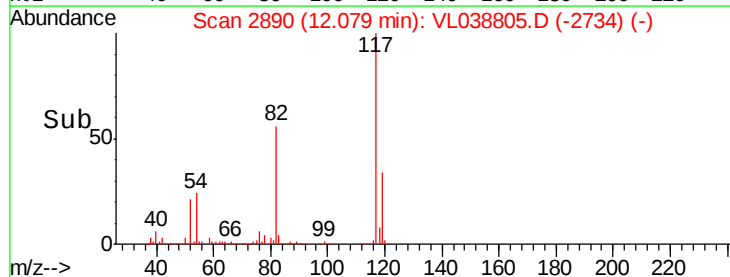
400000

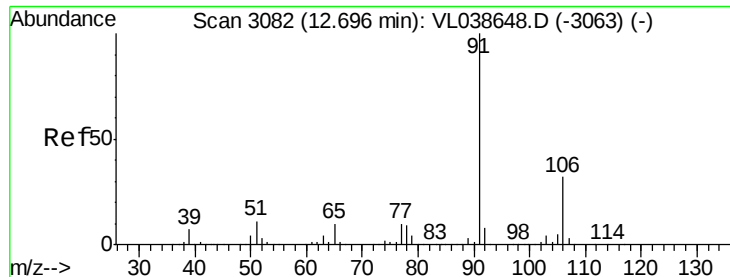
200000

0

12.00 12.10 12.20

Time-->





#58

Ethyl Benzene

Concen: 0.310 ppbv

RT: 12.70 min

Delta R.T. MSVOA_L

Lab File:

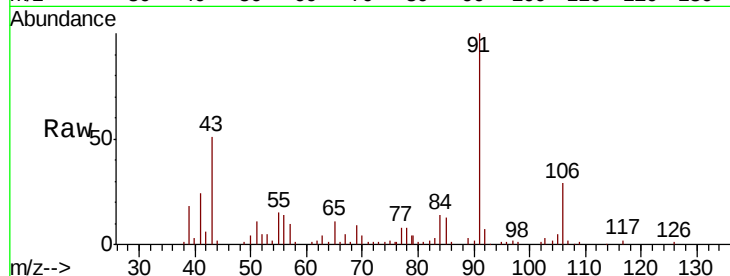
Acq: 30 Mar 2022 22:01

Tot Ion: 91 Resp: 83280

Ion Ratio Lower Upper

91 100

106 29.3 25.4 38.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

12.70

40000

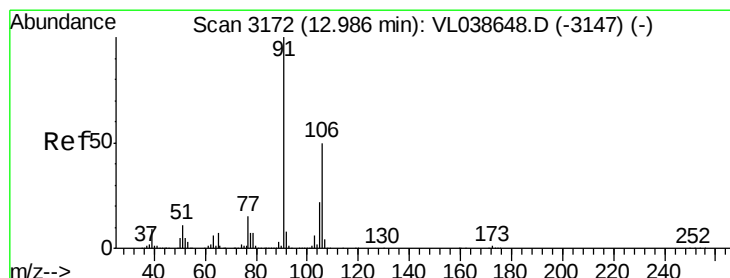
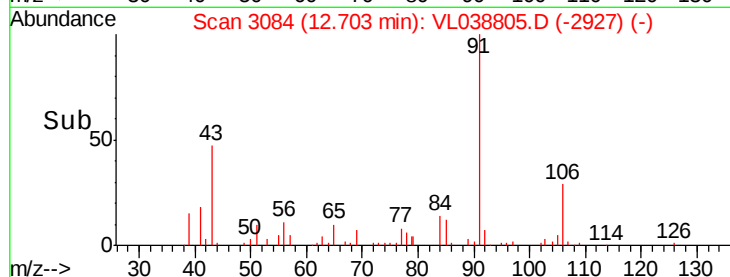
30000

20000

10000

0

Time-->



#59

m/p-Xylene

Concen: 1.112 ppbv

RT: 12.96 min Scan# 3163

Delta R.T. -0.03 min

Lab File: VL038805.D

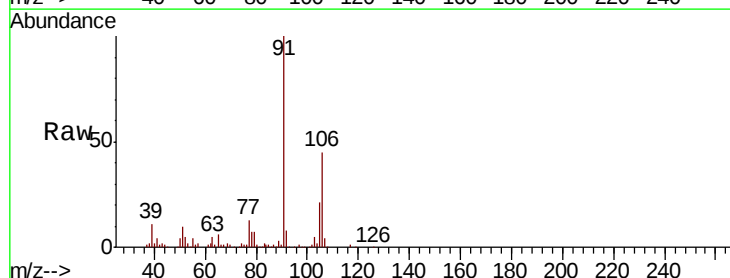
Acq: 30 Mar 2022 22:01

Tgt Ion: 91 Resp: 261232

Ion Ratio Lower Upper

91 100

106 51.0 37.2 55.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

12.96

100000

80000

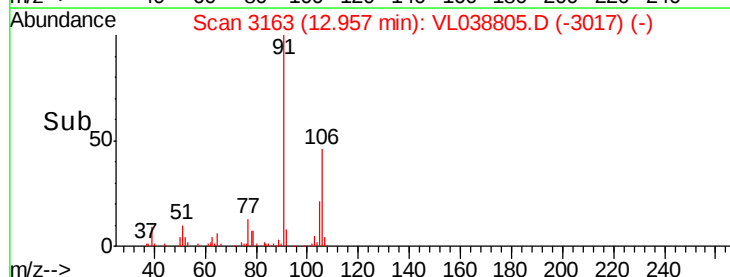
60000

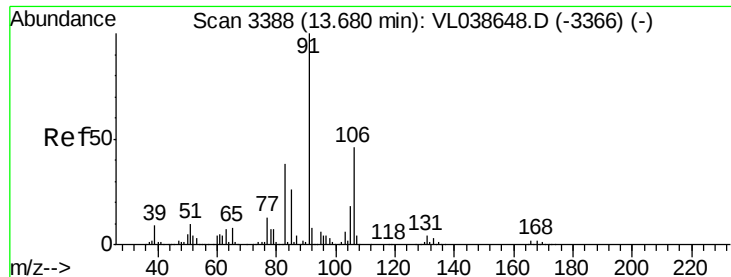
40000

20000

0

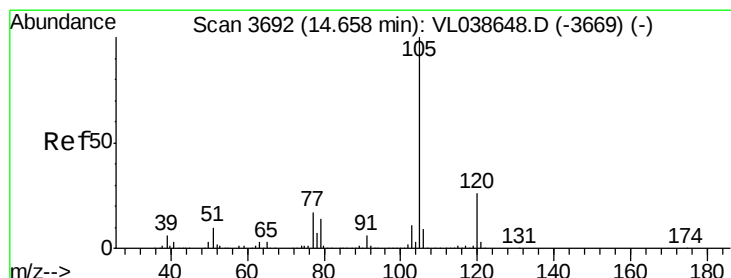
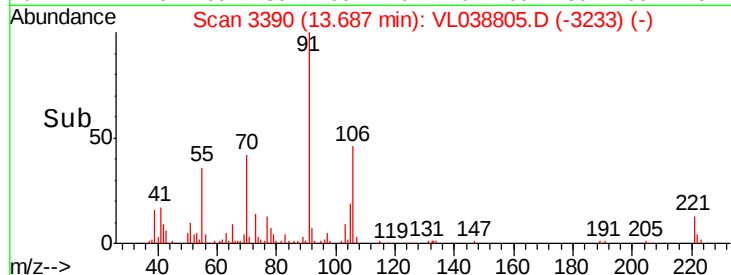
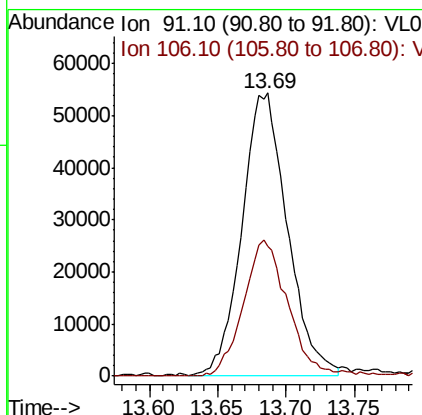
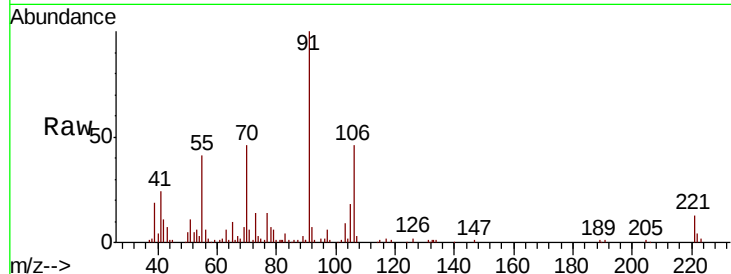
Time-->





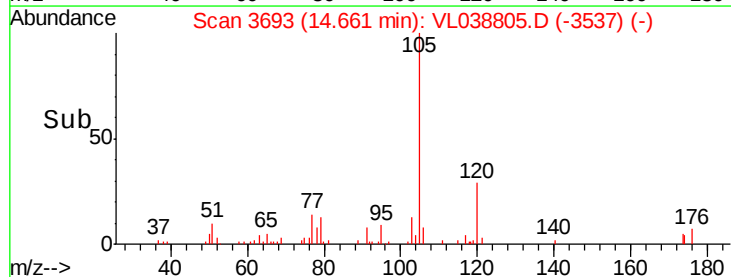
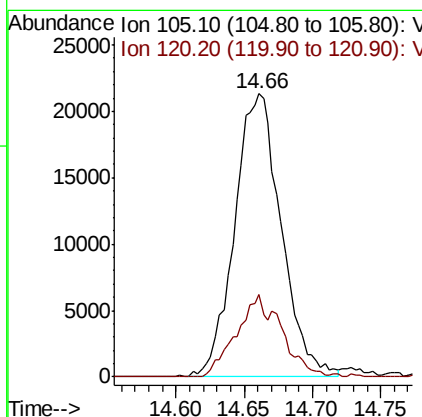
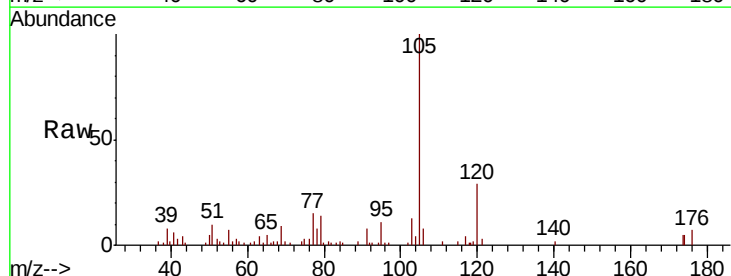
#60
o-Xylene
Concen: 0.565 ppbv
RT: 13.69 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 30 Mar 2022 22:01

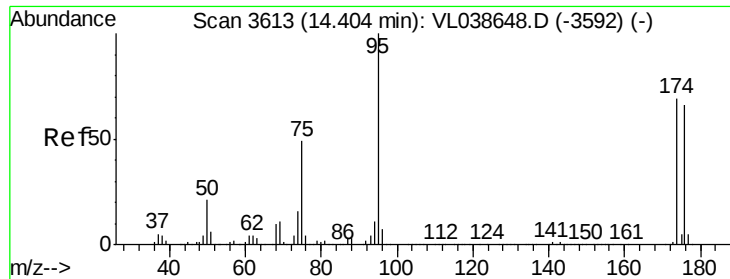
Tot Ion: 91 Resp: 126113
Ion Ratio Lower Upper
91 100
106 47.6 23.5 70.5



#62
Isopropylbenzene
Concen: 0.151 ppbv
RT: 14.66 min Scan# 3693
Delta R.T.: 0.00 min
Lab File: VL038805.D
Acq: 30 Mar 2022 22:01

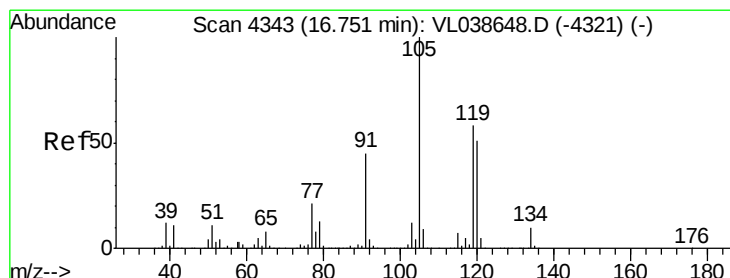
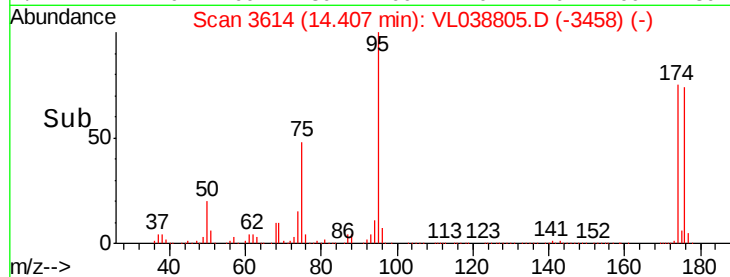
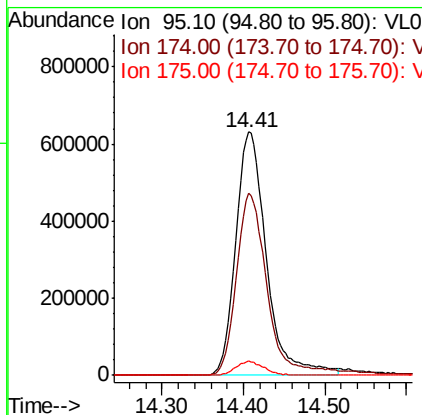
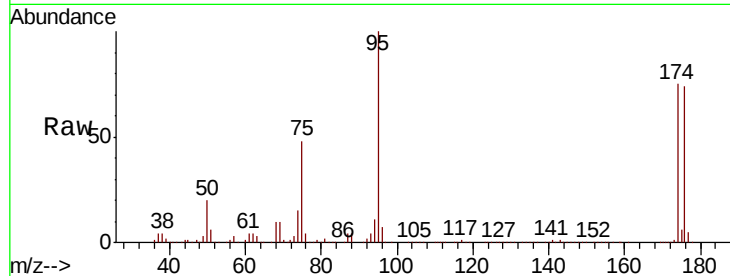
Tgt Ion: 105 Resp: 50512
Ion Ratio Lower Upper
105 100
120 28.4 21.2 31.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.365 ppbv
 RT: 14.41 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 30 Mar 2022 22:01

Tot Ion: 95 Resp: 1649311
 Ion Ratio Lower Upper
 95 100
 174 77.0 56.1 84.1
 175 5.5 4.2 6.2



#74
 1,2,4-Trimethylbenzene
 Concen: 0.068 ppbv
 RT: 16.75 min Scan# 4344
 Delta R.T. 0.00 min
 Lab File: VL038805.D
 Acq: 30 Mar 2022 22:01

Tgt Ion: 105 Resp: 17652
 Ion Ratio Lower Upper
 105 100
 120 37.3 40.5 60.7#
 91 11.8 35.9 53.9#
 77 8.3 16.6 25.0#

