

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101821\
 Data File : VL037856.D
 Acq On : 18 Oct 2021 17:33
 Operator : SY/AP
 Sample : M4068-14 0.5 LOQ
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2021

Quant Time: Oct 19 08:33:37 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1270787	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3808287	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3121429	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2285127	10.47	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.06	85	137812	0.679	ppbv	91
3) Chlorodifluoromethane	3.00	51	140009	0.573	ppbv	99
4) Chloromethane	3.15	50	50780	0.568	ppbv	98
5) Vinyl Chloride	3.27	62	46139	0.563	ppbv	99
6) Bromomethane	3.48	94	9081	0.205	ppbv #	28
7) Chloroethane	3.57	64	11959	0.397	ppbv	93
8) Dichlorotetrafluoroethane	3.20	85	111418	0.555	ppbv	92
9) Propene	3.02	41	31585	0.352	ppbv #	55
10) Heptane	8.13	43	53777	0.264	ppbv #	45
11) Trichlorofluoromethane	3.96	101	98562	0.544	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.49	101	77100	0.562	ppbv	97
13) Ethanol	3.63	45	4657	0.634	ppbv #	27
14) Bromoethene	3.75	108	29994	0.497	ppbv #	89
15) Acetone	3.87	43	21936	0.192	ppbv #	46
16) 1,3-Butadiene	3.33	39	36652	0.442	ppbv #	78
17) tert-Butyl alcohol	4.32	59	41301	0.352	ppbv #	80
18) 1,1-Dichloroethene	4.29	96	17231	0.276	ppbv	90
20) Methylene Chloride	4.35	84	45965	0.797	ppbv #	80
21) Allyl Chloride	4.42	41	46962	0.465	ppbv #	85
22) trans-1,2-Dichloroethene	4.90	96	6368	0.102	ppbv	95
23) Vinyl Acetate	5.09	43	40254	0.235	ppbv #	93
24) 1,1-Dichloroethane	5.02	63	54534	0.438	ppbv #	95
25) Ethyl Acetate	5.70	43	150642	0.471	ppbv #	95
26) Hexane	5.70	57	78277	0.497	ppbv #	89
27) Carbon Disulfide	4.56	76	65383	0.468	ppbv #	90
28) Methyl tert-Butyl Ether	5.05	73	32202	0.245	ppbv #	29
29) Chloroform	5.75	83	125448	0.557	ppbv	86
30) Cyclohexane	7.13	84	27913	0.209	ppbv #	6
31) cis-1,2-Dichloroethene	5.55	61	31613	0.221	ppbv	89
32) 1,1,1-Trichloroethane	6.52	97	109252	0.511	ppbv	96
34) 2-Butanone	5.27	43	57990	0.377	ppbv #	84
35) Carbon Tetrachloride	7.02	117	104388	0.483	ppbv	93
36) Benzene	6.89	78	147405	0.453	ppbv	92
37) 1,2-Dichloroethane	6.31	62	39692	0.259	ppbv #	78
38) Trichloroethene	7.85	130	18801	0.146	ppbv	96
39) 1,2-Dichloropropane	7.61	63	25854	0.211	ppbv	92
41) Tetrahydrofuran	6.09	42	17776	0.236	ppbv #	61
42) Bromodichloromethane	7.79	83	54057	0.240	ppbv	95
43) Methyl Methacrylate	8.03	69	21485	0.202	ppbv #	2
44) 2,2,4-Trimethylpentane	7.88	57	253351	0.464	ppbv	92
45) t-1,3-Dichloropropene	9.30	75	3591	0.049	ppbv	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

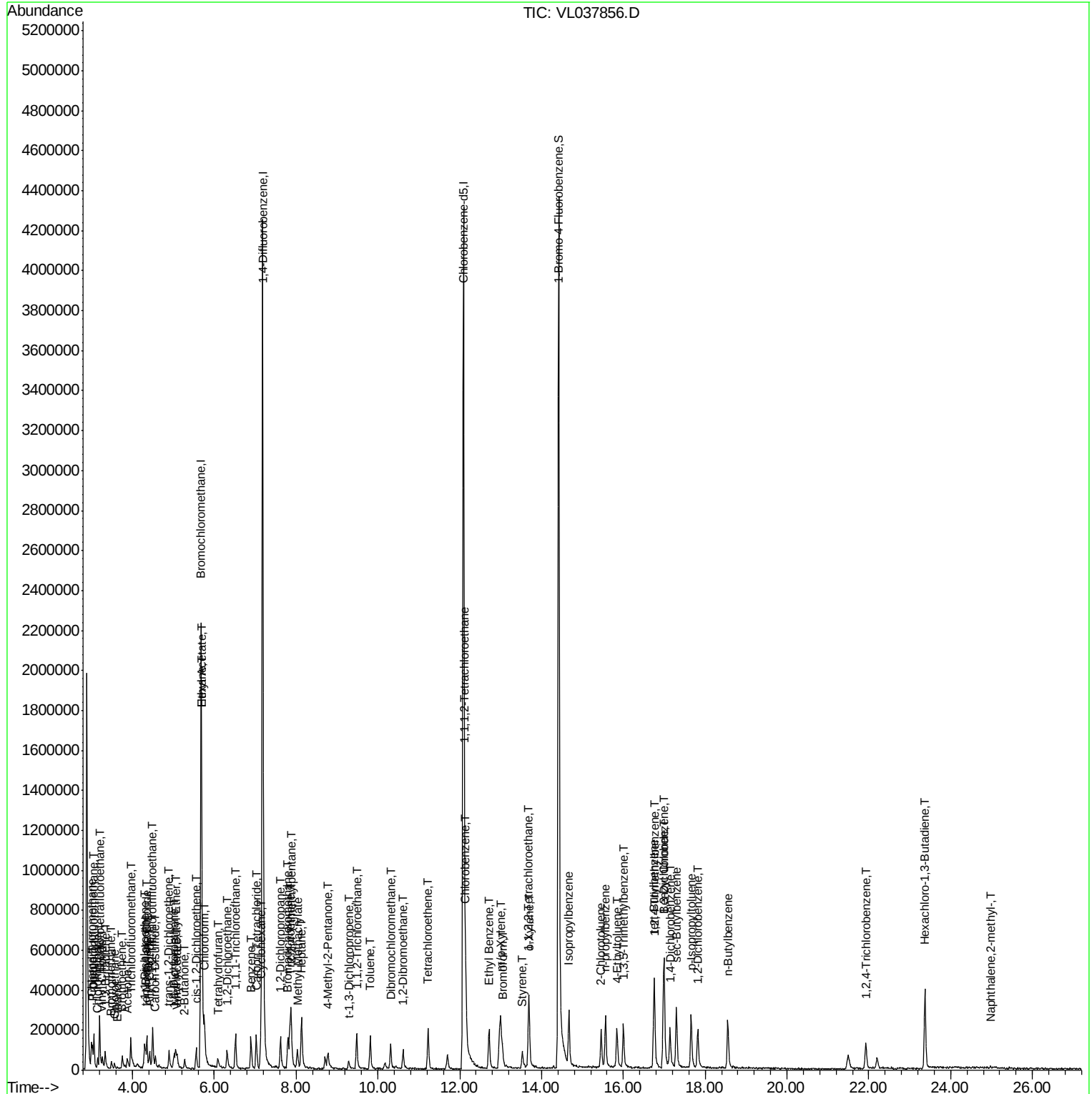
47) 1,1,2-Trichloroethane	9.48	97	43491	0.327	ppbv	93
48) Dibromochloromethane	10.31	129	34783	0.183	ppbv #	1
49) Bromoform	13.05	173	26187	0.180	ppbv #	20
50) 4-Methyl-2-Pentanone	8.77	43	28632	0.143	ppbv #	38
52) Tetrachloroethene	11.23	164	54881	0.434	ppbv	95
53) Toluene	9.81	91	141675	0.393	ppbv	96
54) 1,2-Dibromoethane	10.61	107	76552	0.426	ppbv	81
56) 1,1,1,2-Tetrachloroethane	12.12	131	42190	0.327	ppbv #	26
57) Chlorobenzene	12.15	112	139948	0.547	ppbv #	86
58) Ethyl Benzene	12.72	91	169531	0.404	ppbv	99
59) m/p-Xylene	13.00	91	138404	0.385	ppbv #	4
60) o-Xylene	13.70	91	153568	0.445	ppbv	96
61) Styrene	13.54	104	48172	0.289	ppbv	90
62) Isopropylbenzene	14.67	105	130749	0.272	ppbv #	53
63) 1,1,2,2-Tetrachloroethane	13.68	83	70288	0.264	ppbv #	24
64) n-propylbenzene	15.56	120	27192	0.227	ppbv #	1
65) tert-Butylbenzene	16.75	119	122861	0.290	ppbv #	38
66) Benzyl Chloride	16.99	91	3086	0.148	ppbv #	82
67) sec-Butylbenzene	17.29	105	288302	0.498	ppbv	97
69) p-Isopropyltoluene	17.65	119	91224	0.195	ppbv #	33
70) n-Butylbenzene	18.55	91	187865	0.423	ppbv	98
71) 2-Chlorotoluene	15.46	91	85080	0.251	ppbv #	61
72) 4-Ethyltoluene	15.84	105	102599	0.262	ppbv #	55
73) 1,3,5-Trimethylbenzene	16.00	105	132418	0.372	ppbv	92
74) 1,2,4-Trimethylbenzene	16.76	105	184316	0.494	ppbv	96
75) 1,3-Dichlorobenzene	16.99	146	51680	0.223	ppbv #	6
76) 1,4-Dichlorobenzene	17.14	146	102751	0.466	ppbv	91
77) 1,2-Dichlorobenzene	17.82	146	58040	0.261	ppbv #	20
78) Hexachloro-1,3-Butadiene	23.38	225	68727	0.379	ppbv #	30
80) Naphthalene,2-methyl-	24.96	142	7736	0.126	ppbv	90
81) 1,2,4-Trichlorobenzene	21.93	180	17757	0.121	ppbv #	1

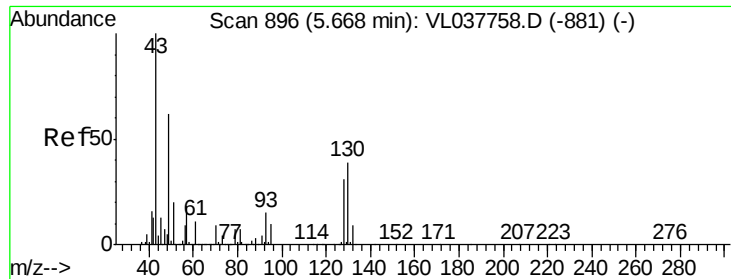
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: LOQ-AIR-02-QT4-2021

Acq: 18 Oct 2021 17:33

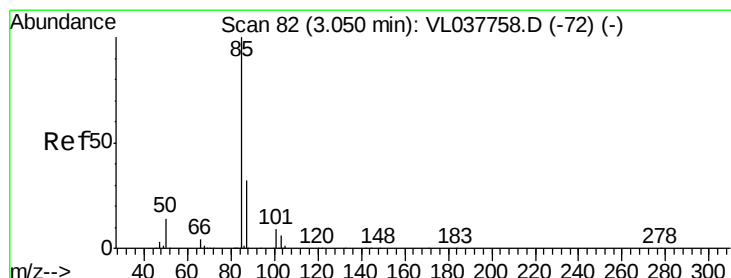
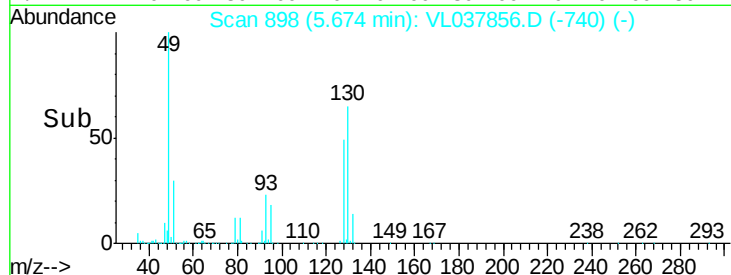
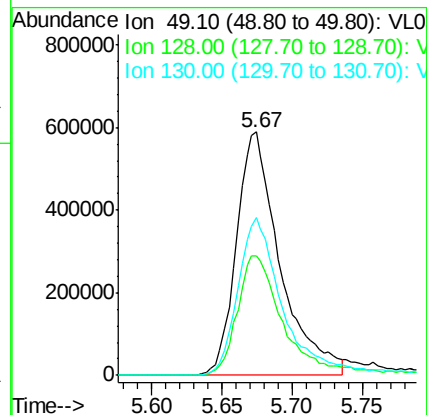
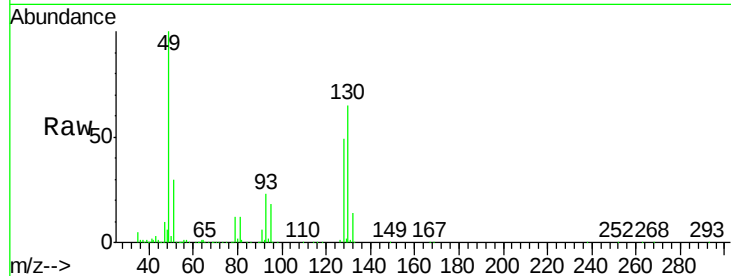
Tgt Ion: 49 Resp: 1270787

Ion Ratio Lower Upper

49 100

128 53.9 27.1 81.3

130 67.9 33.2 99.6



#2

Dichlorodifluoromethane

Concen: 0.679 ppbv

RT: 3.06 min Scan# 84

Delta R.T. 0.01 min

Lab File: VL037856.D

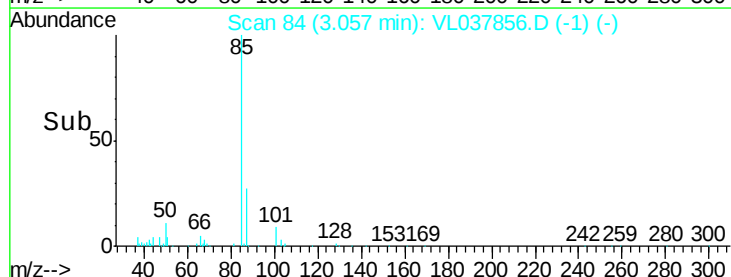
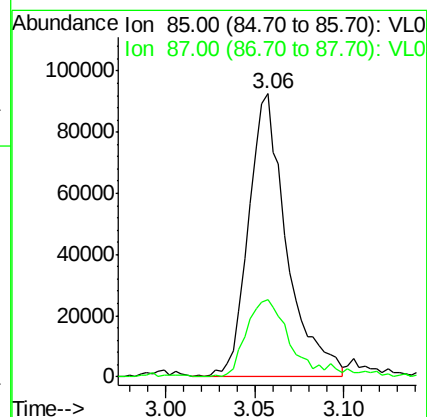
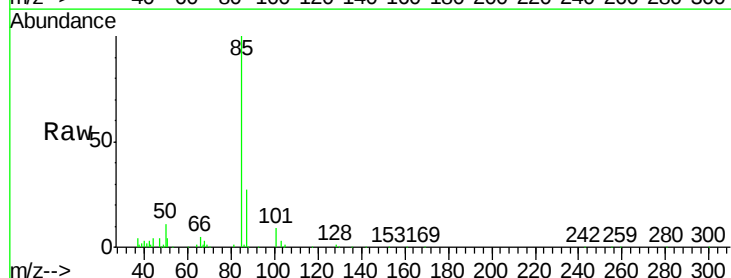
Acq: 18 Oct 2021 17:33

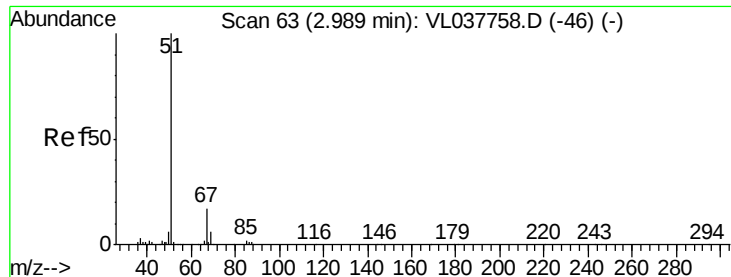
Tgt Ion: 85 Resp: 137812

Ion Ratio Lower Upper

85 100

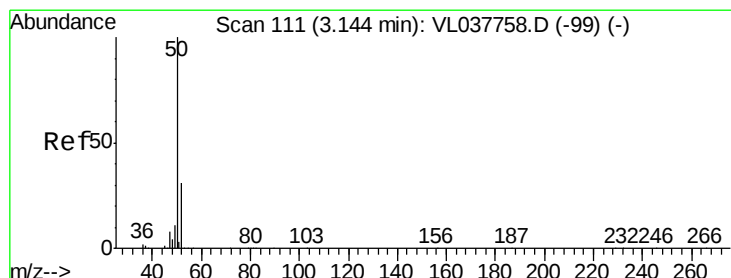
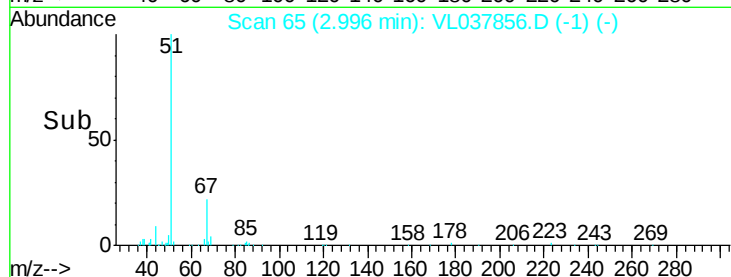
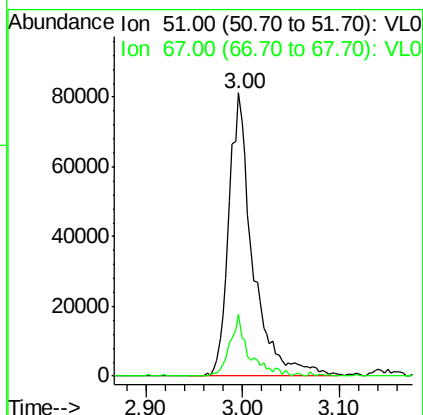
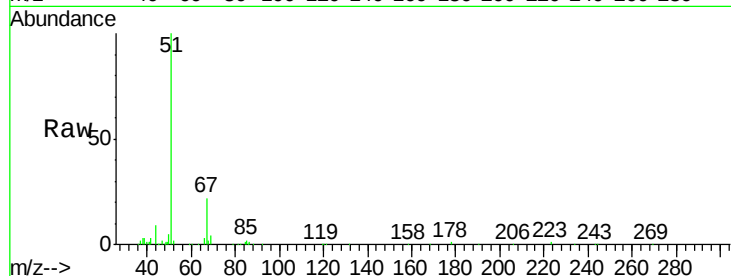
87 27.3 25.7 38.5





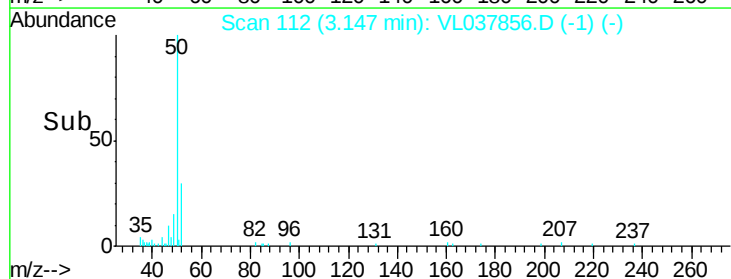
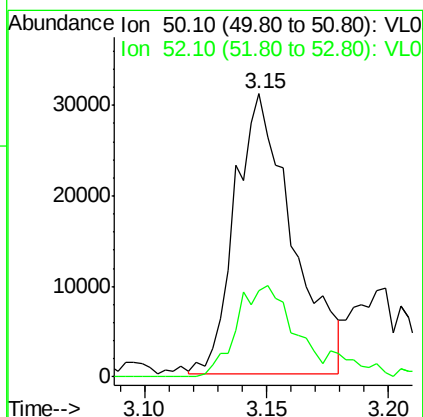
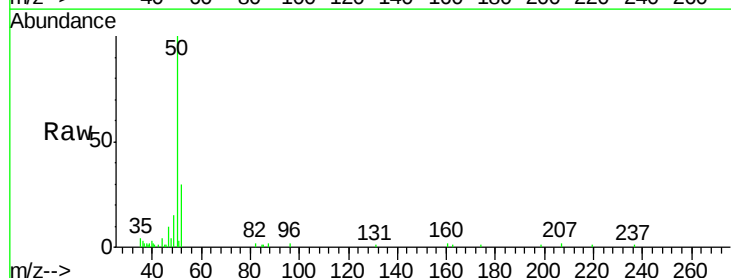
#3
 Chlorodifluoromethane
 Concen: 0.573 ppbv
 RT: 3.00
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 18 Oct 2021 17:33

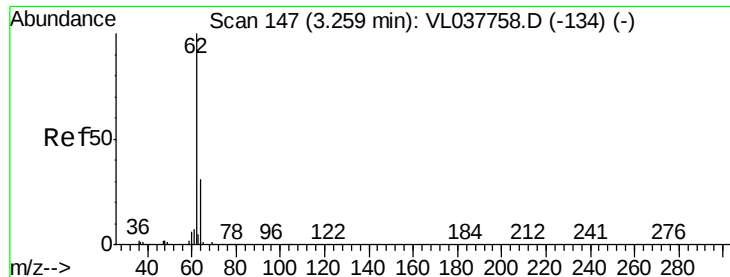
Tgt Ion: 51 Resp: 140009
 Ion Ratio Lower Upper
 51 100
 67 17.2 13.5 20.3



#4
 Chloromethane
 Concen: 0.568 ppbv
 RT: 3.15 min Scan# 112
 Delta R.T. 0.00 min
 Lab File: VL037856.D
 Acq: 18 Oct 2021 17:33

Tgt Ion: 50 Resp: 50780
 Ion Ratio Lower Upper
 50 100
 52 31.5 24.4 36.6





#5

Vinyl Chloride

Concen: 0.563 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

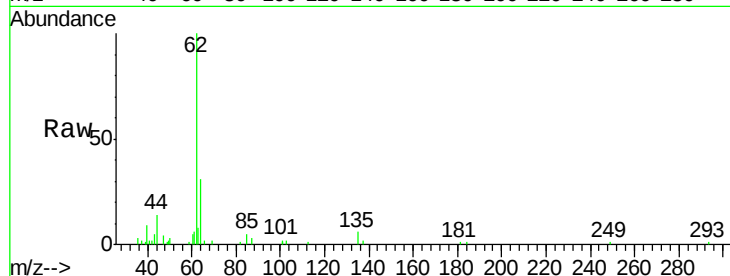
Acq: 18 Oct 2021 17:33

Tgt Ion: 62 Resp: 46139

Ion Ratio Lower Upper

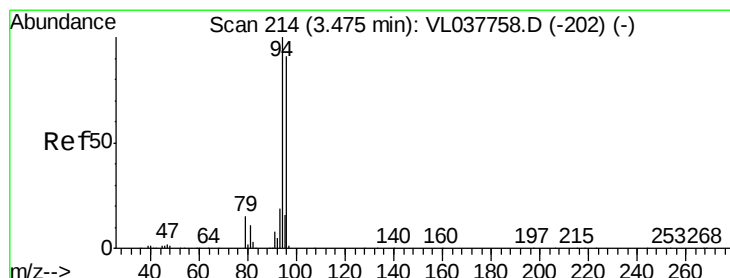
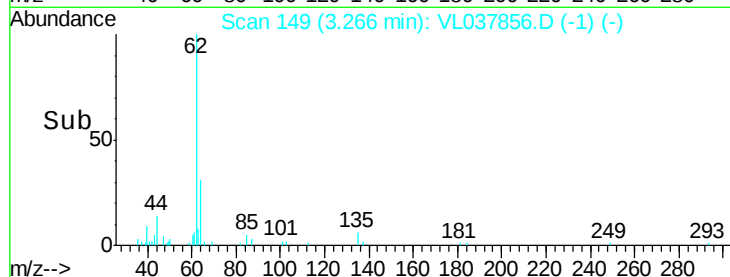
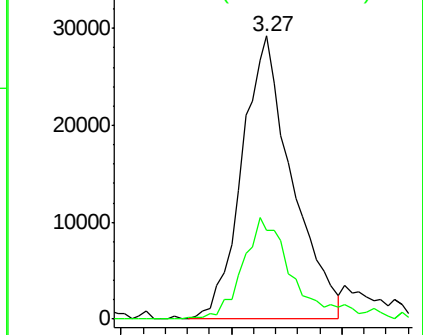
62 100

64 30.6 24.9 37.3



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 0.205 ppbv

RT: 3.48 min Scan# 215

Delta R.T. 0.00 min

Lab File: VL037856.D

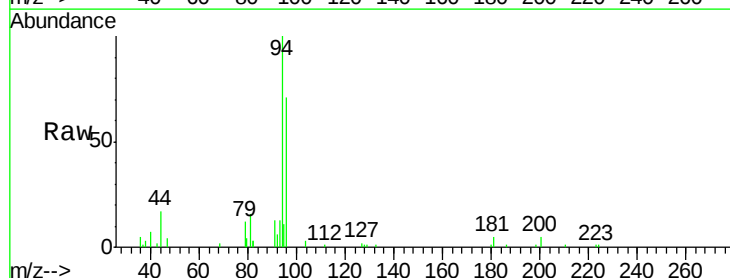
Acq: 18 Oct 2021 17:33

Tgt Ion: 94 Resp: 9081

Ion Ratio Lower Upper

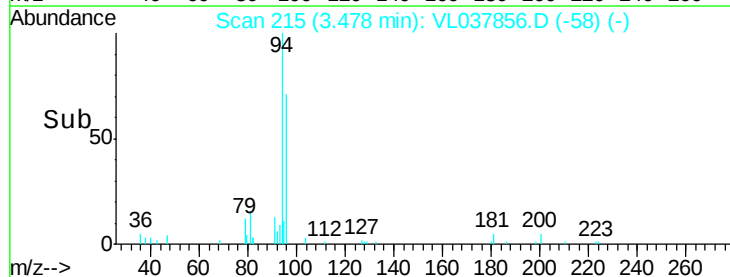
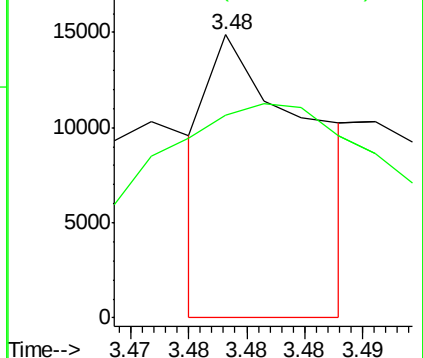
94 100

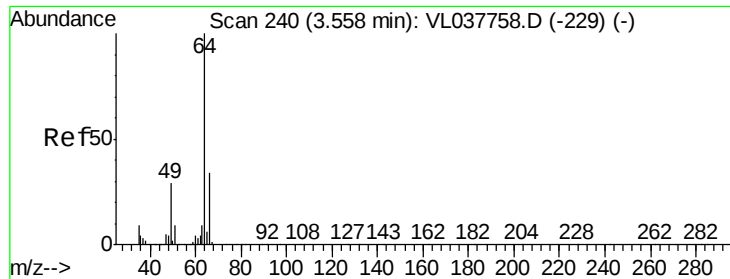
96 22.5 72.5 108.7#



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 0.397 ppbv

RT: 3.57

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

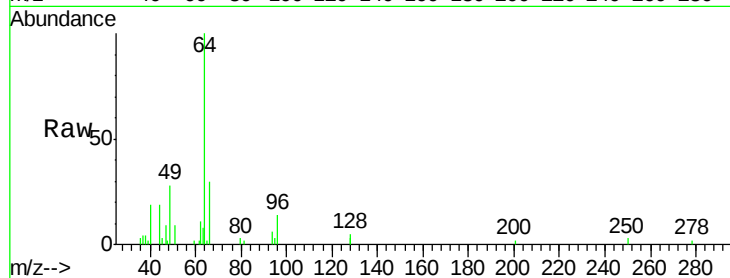
Acq: 18 Oct 2021 17:33

Tgt Ion: 64 Resp: 11959

Ion Ratio Lower Upper

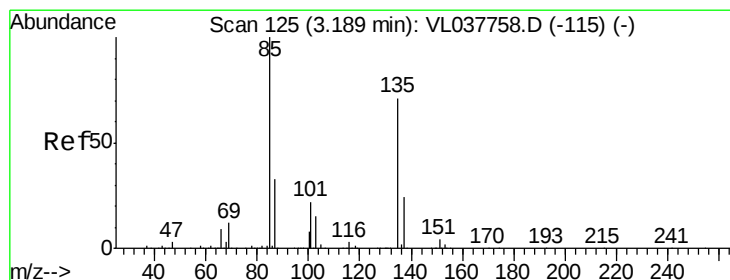
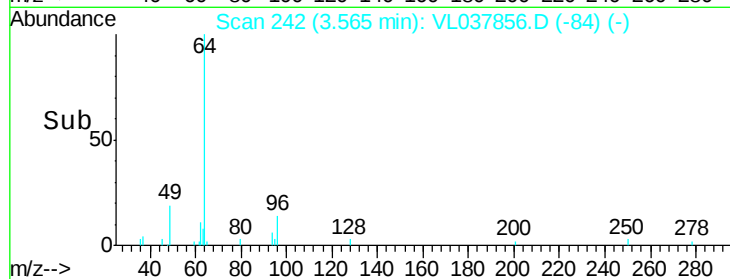
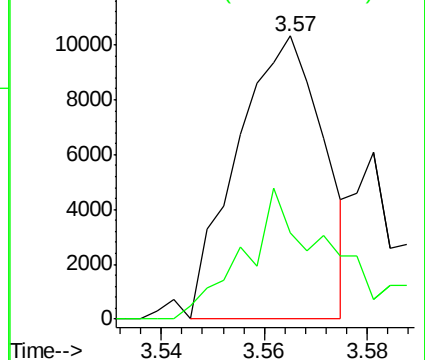
64 100

66 30.4 27.5 41.3



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 0.555 ppbv

RT: 3.20 min Scan# 127

Delta R.T. 0.01 min

Lab File: VL037856.D

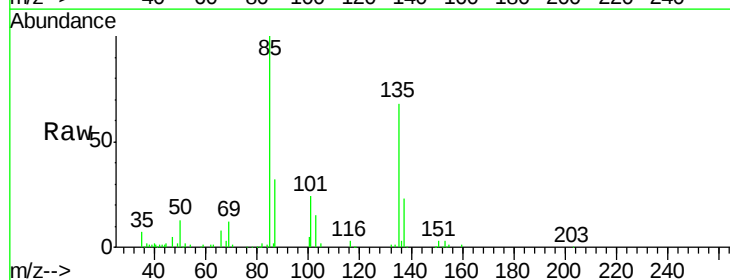
Acq: 18 Oct 2021 17:33

Tgt Ion: 85 Resp: 111418

Ion Ratio Lower Upper

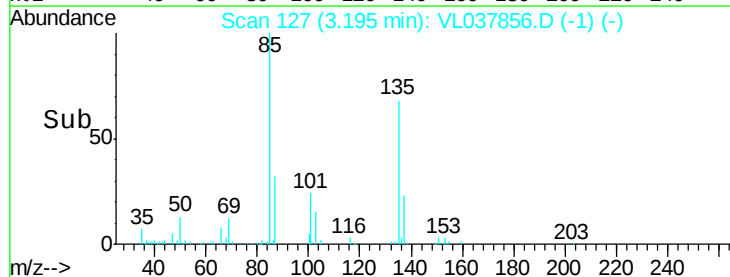
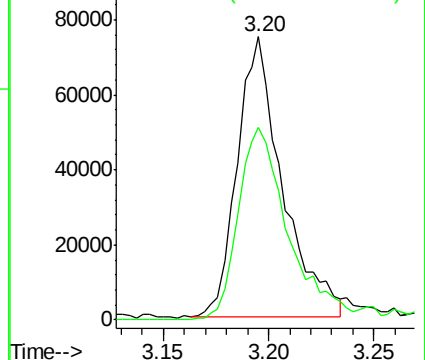
85 100

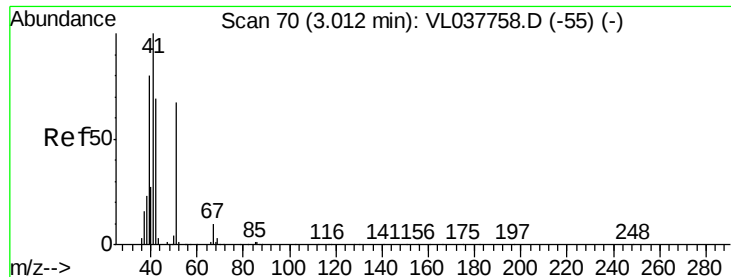
135 80.9 59.5 89.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 0.352 ppbv

RT: 3.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

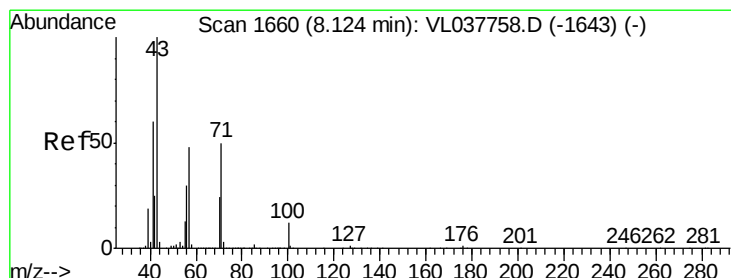
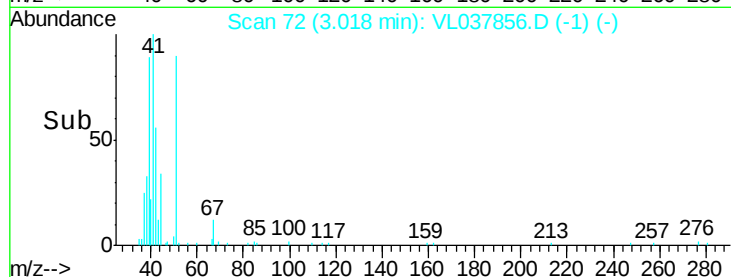
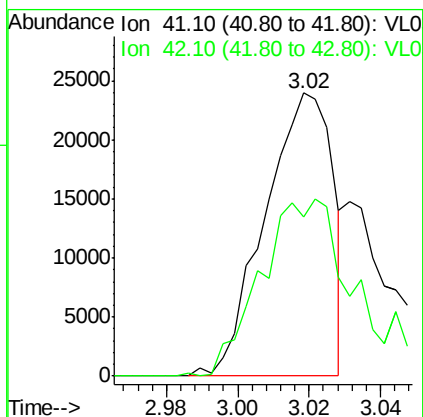
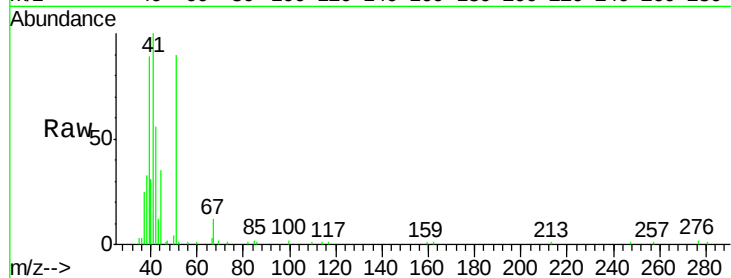
Acq: 18 Oct 2021 17:33 LOQ-AIR-02-OT4-2021

Tgt Ion: 41 Resp: 31585

Ion Ratio Lower Upper

41 100

42 103.7 54.2 81.2#



#10

Heptane

Concen: 0.264 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VL037856.D

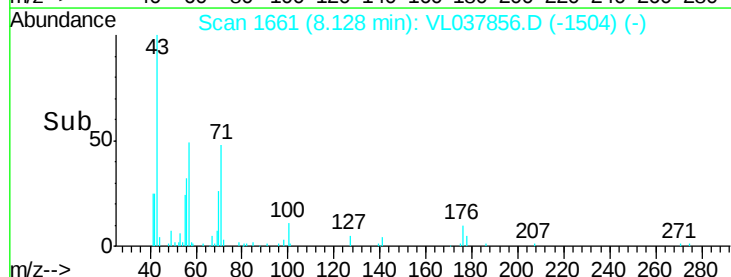
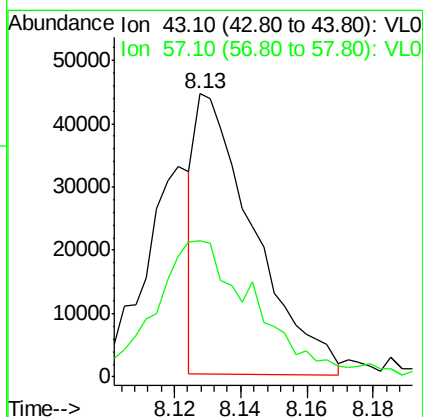
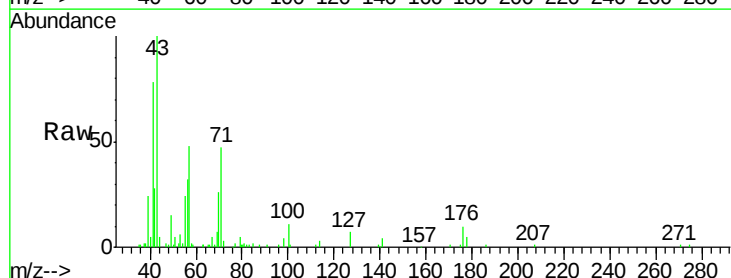
Acq: 18 Oct 2021 17:33

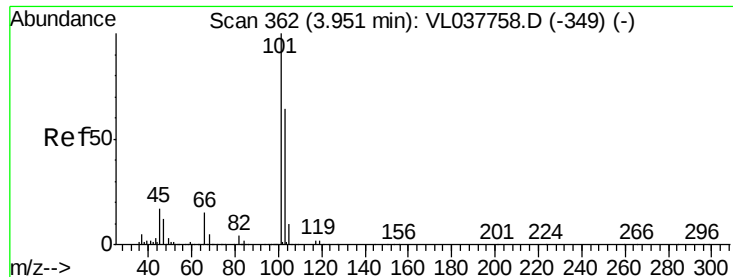
Tgt Ion: 43 Resp: 53777

Ion Ratio Lower Upper

43 100

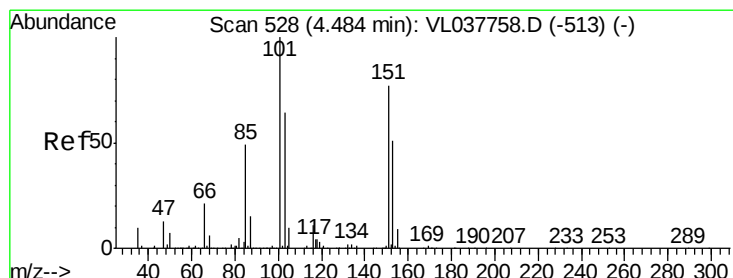
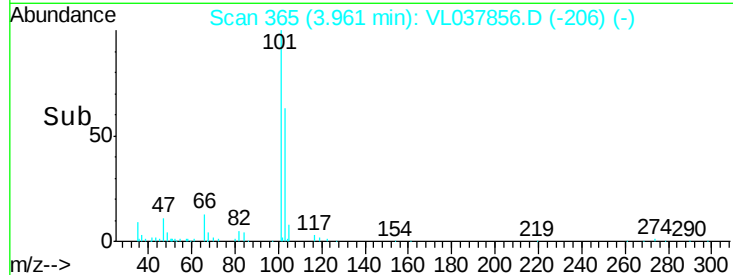
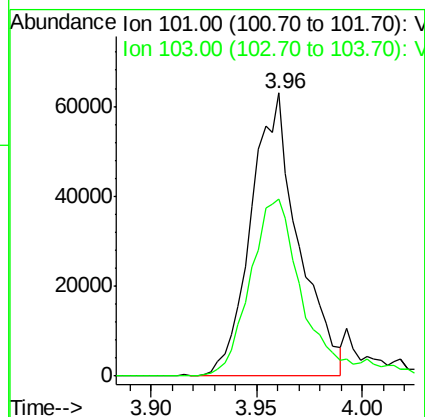
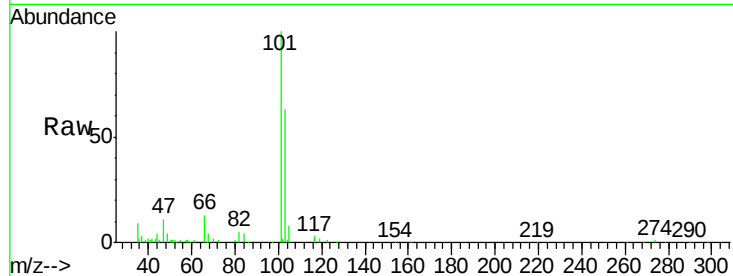
57 87.9 40.0 60.0#





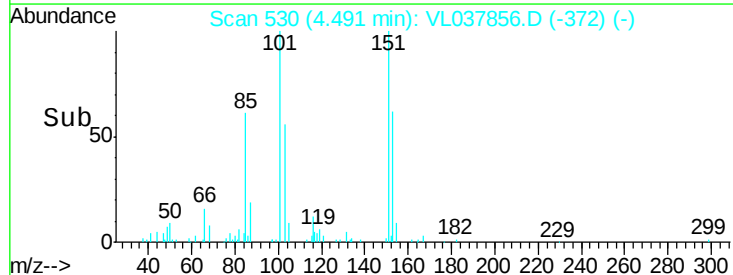
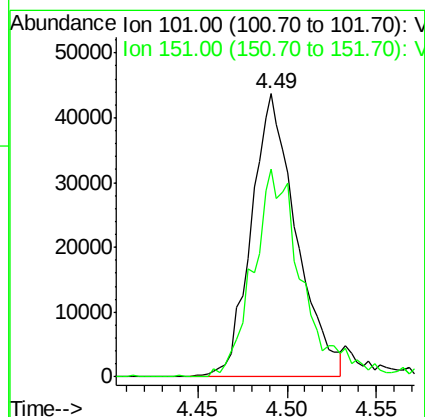
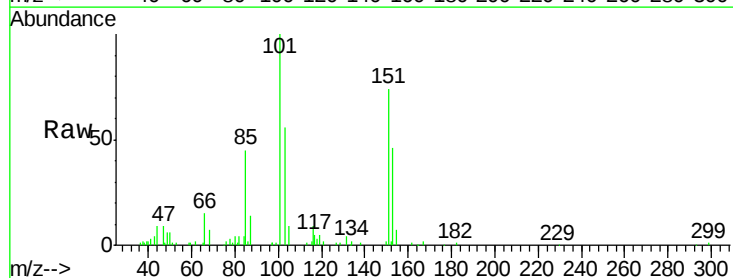
#11
 Trichlorofluoromethane
 Concen: 0.544 ppbv
 RT: 3.96
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 18 Oct 2021 17:33

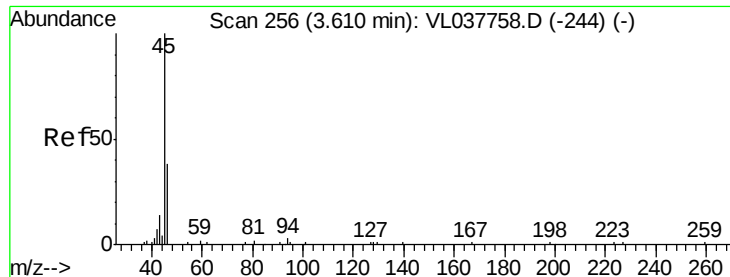
Tgt Ion:101 Resp: 98562
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.5 77.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.562 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VL037856.D
 Acq: 18 Oct 2021 17:33

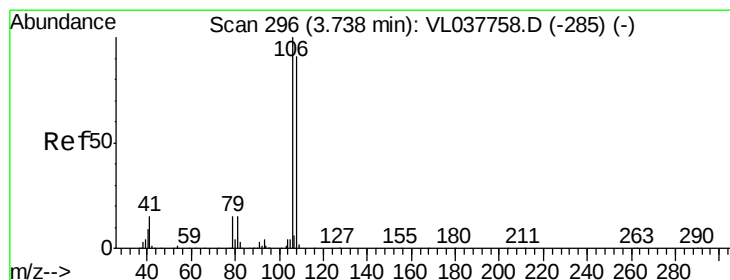
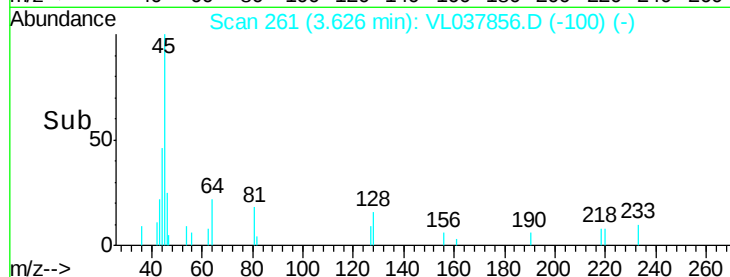
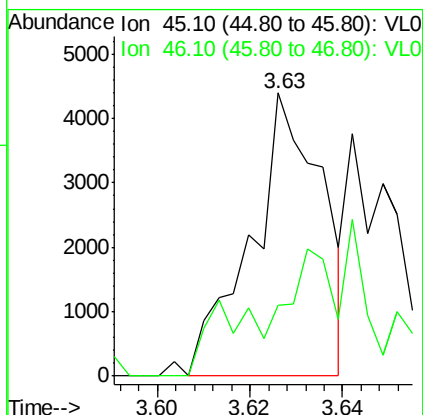
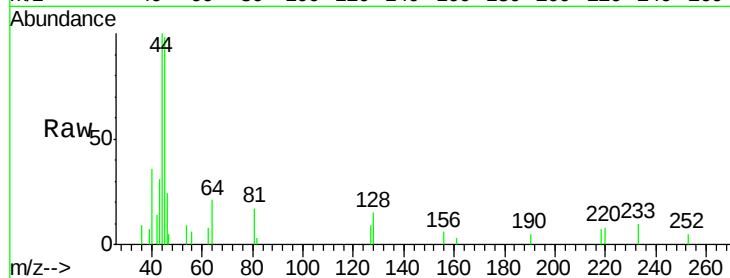
Tgt Ion:101 Resp: 77100
 Ion Ratio Lower Upper
 101 100
 151 81.0 62.9 94.3





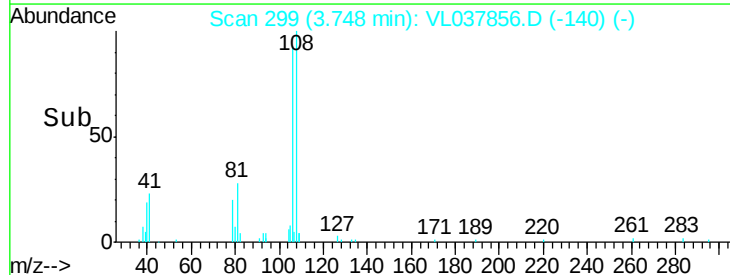
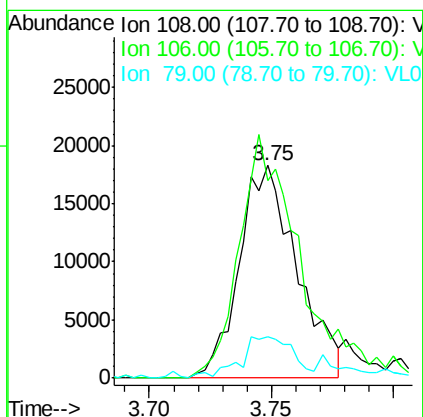
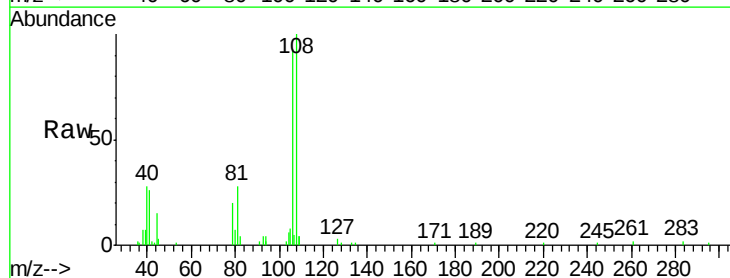
#13
 Ethanol
 Concen: 0.634 ppbv
 RT: 3.63
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 18 Oct 2021 17:33

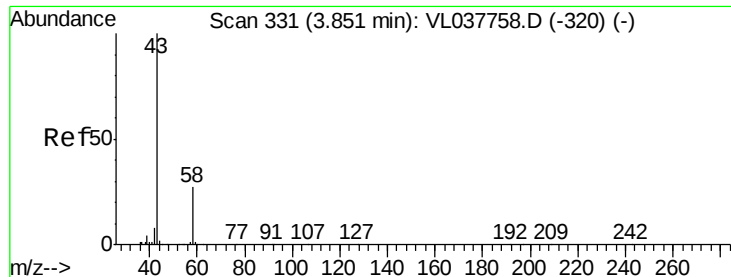
Tgt Ion: 45 Resp: 4657
 Ion Ratio Lower Upper
 45 100
 46 0.0 20.2 81.0#



#14
 Bromoethene
 Concen: 0.497 ppbv
 RT: 3.75 min Scan# 299
 Delta R.T. 0.01 min
 Lab File: VL037856.D
 Acq: 18 Oct 2021 17:33

Tgt Ion: 108 Resp: 29994
 Ion Ratio Lower Upper
 108 100
 106 126.0 91.9 137.9
 79 24.7 13.9 20.9#





#15

Acetone

Concen: 0.192 ppbv

RT: 3.87

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

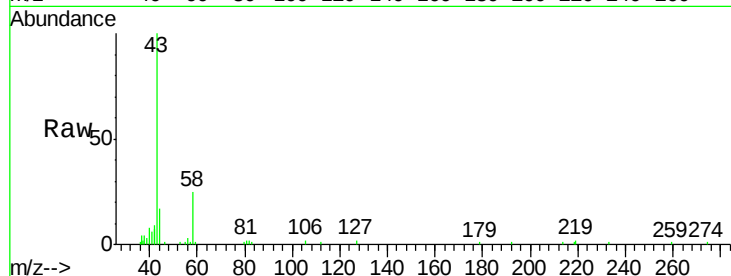
Acq: 18 Oct 2021 17:33

Tgt Ion: 43 Resp: 21936

Ion Ratio Lower Upper

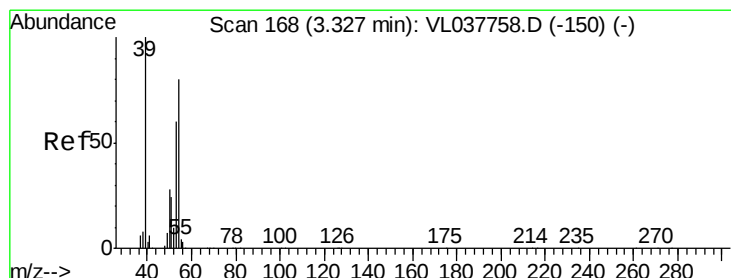
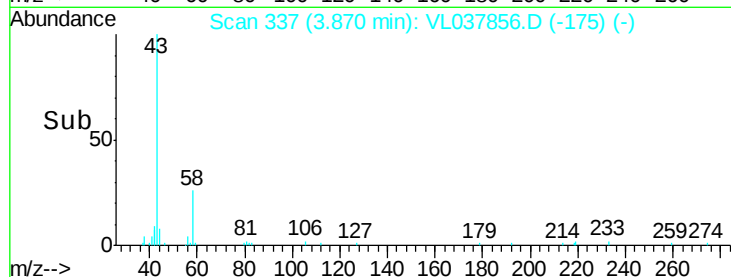
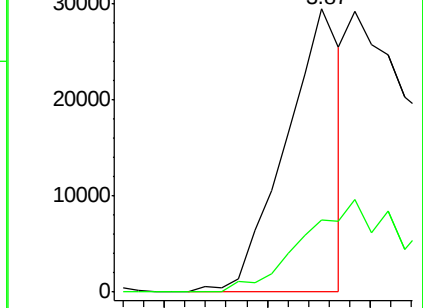
43 100

58 0.0 23.0 34.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 0.442 ppbv

RT: 3.33 min Scan# 170

Delta R.T. 0.01 min

Lab File: VL037856.D

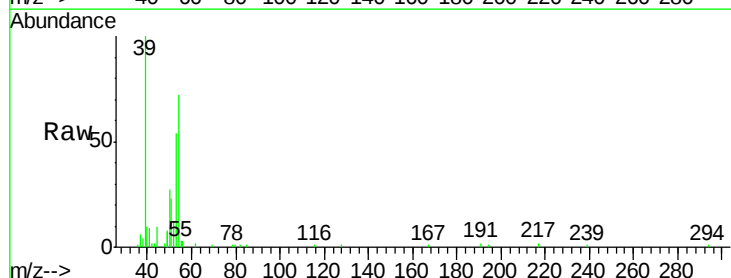
Acq: 18 Oct 2021 17:33

Tgt Ion: 39 Resp: 36652

Ion Ratio Lower Upper

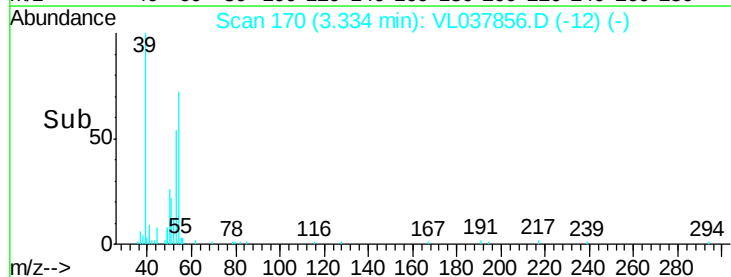
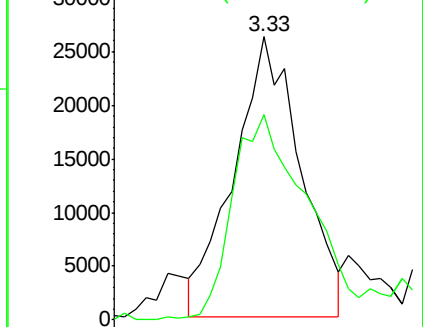
39 100

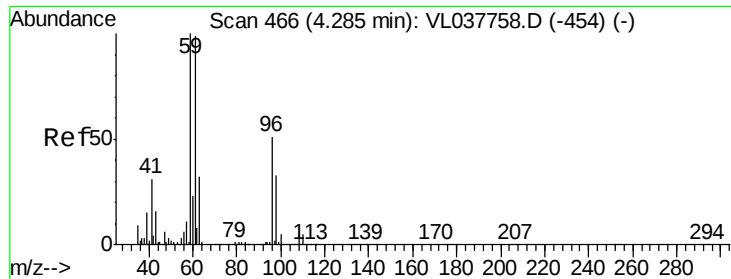
54 96.5 61.7 92.5#



Abundance Ion 39.10 (38.80 to 39.80): VL0

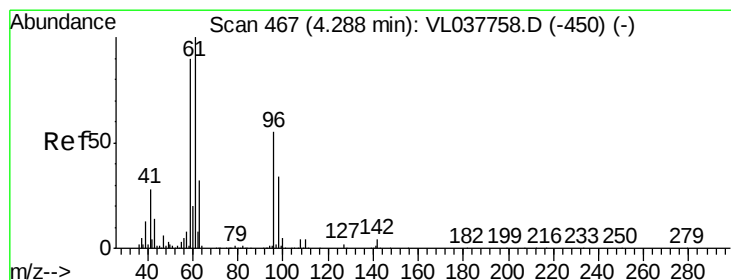
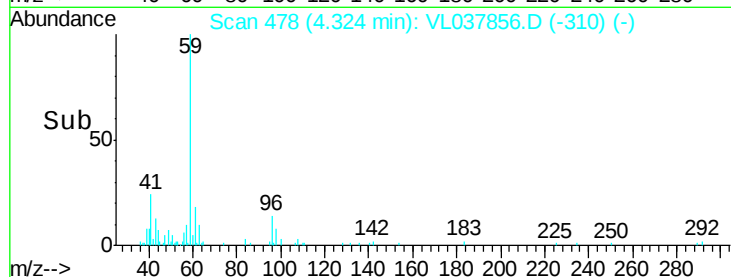
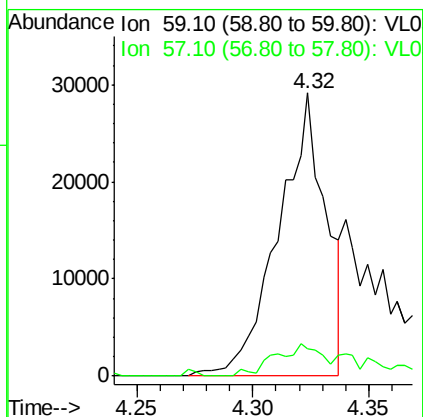
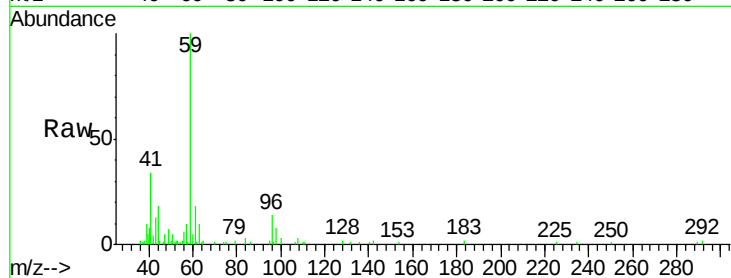
Ion 54.10 (53.80 to 54.80): VL0





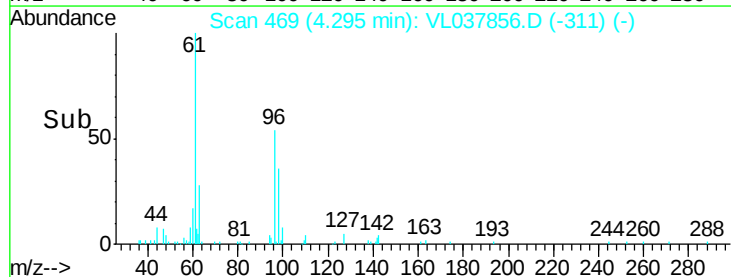
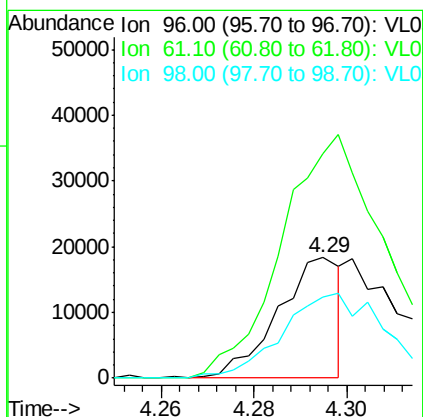
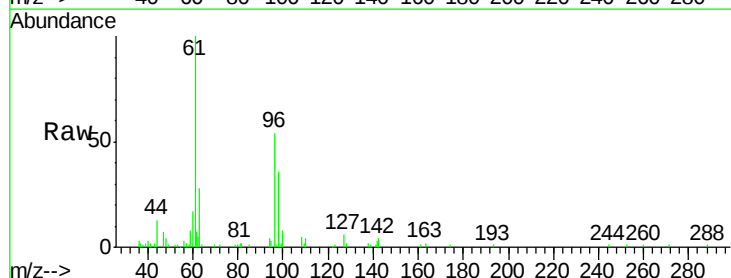
#17
 tert-Butyl alcohol
 Concen: 0.352 ppbv
 RT: 4.32
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 18 Oct 2021 17:33

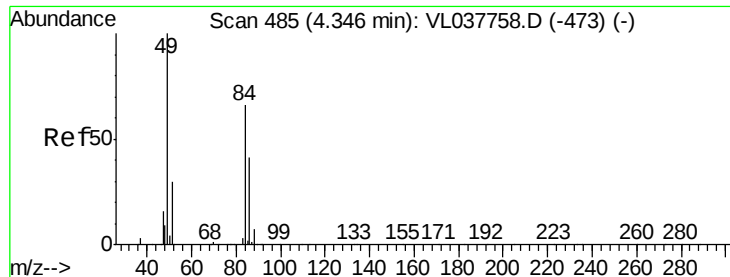
Tgt Ion: 59 Resp: 41301
 Ion Ratio Lower Upper
 59 100
 57 18.4 8.6 13.0#



#18
 1,1-Dichloroethene
 Concen: 0.276 ppbv
 RT: 4.29 min Scan# 469
 Delta R.T. 0.01 min
 Lab File: VL037856.D
 Acq: 18 Oct 2021 17:33

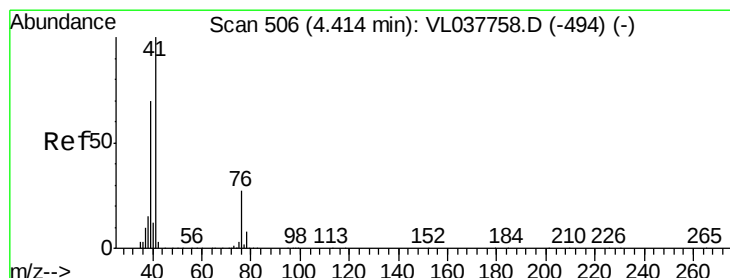
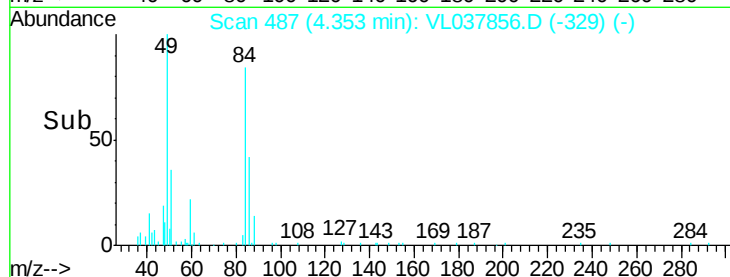
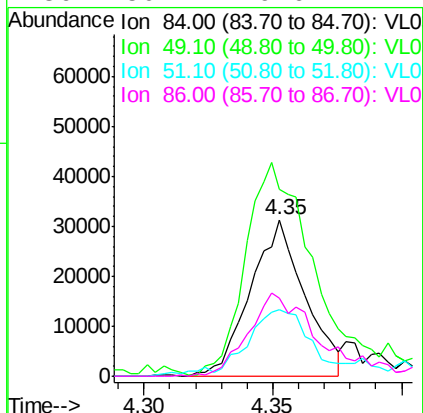
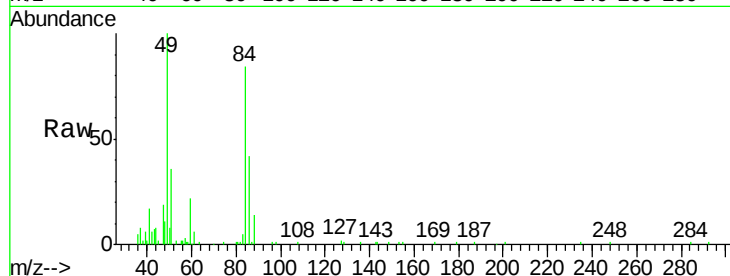
Tgt Ion: 96 Resp: 17231
 Ion Ratio Lower Upper
 96 100
 61 198.8 146.2 219.4
 98 67.5 50.0 75.0





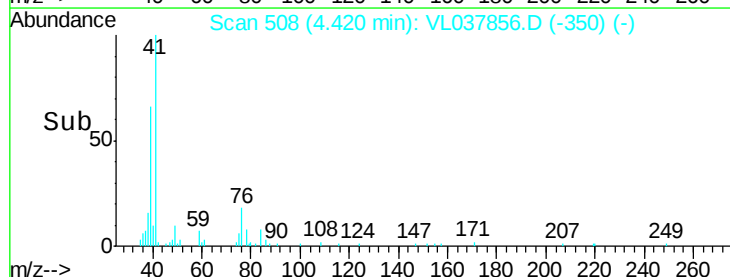
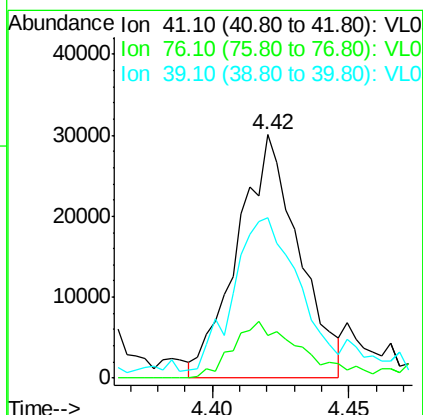
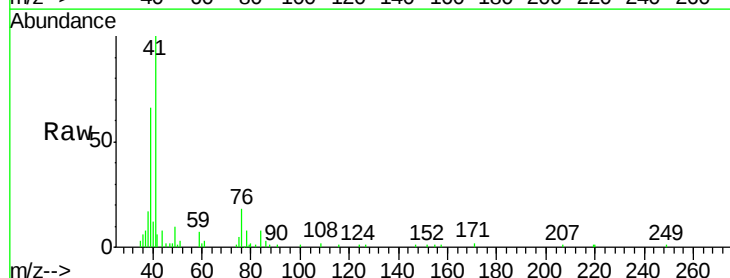
#20
Methylene Chloride
Concen: 0.797 ppbv
RT: 4.35
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 18 Oct 2021 17:33

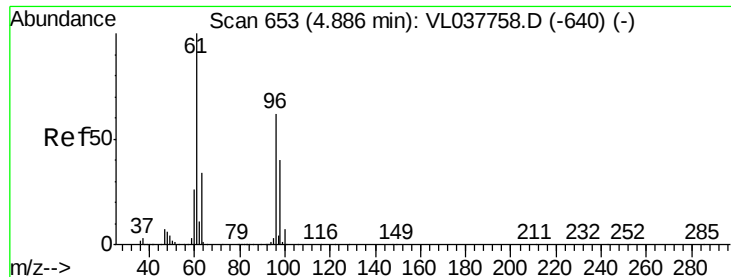
Tgt Ion:	84	Resp:	45965
Ion	Ratio	Lower	Upper
84	100		
49	118.6	120.7	181.1#
51	39.4	36.2	54.4
86	50.1	49.6	74.4



#21
Allyl Chloride
Concen: 0.465 ppbv
RT: 4.42 min Scan# 508
Delta R.T. 0.01 min
Lab File: VL037856.D
Acq: 18 Oct 2021 17:33

Tgt Ion:	41	Resp:	46962
Ion	Ratio	Lower	Upper
41	100		
76	29.1	22.4	33.6
39	89.3	58.0	87.0#





#22

trans-1,2-Dichloroethene

Concen: 0.102 ppbv

RT: 4.90 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: LOQ-AIR-02-OT4-2021

Acq: 18 Oct 2021 17:33

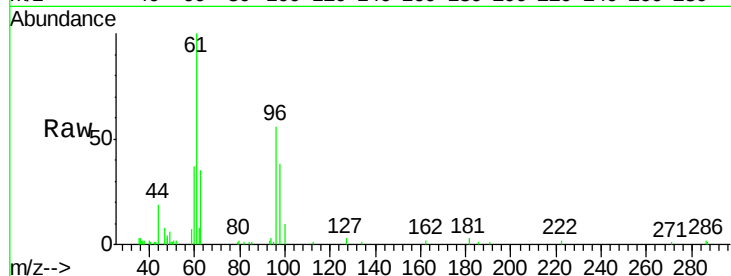
Tgt Ion: 96 Resp: 6368

Ion Ratio Lower Upper

96 100

61 159.7 129.0 193.6

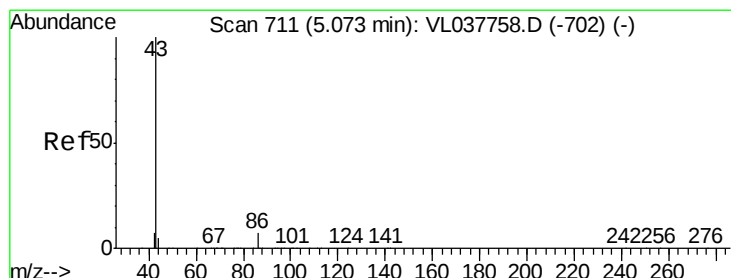
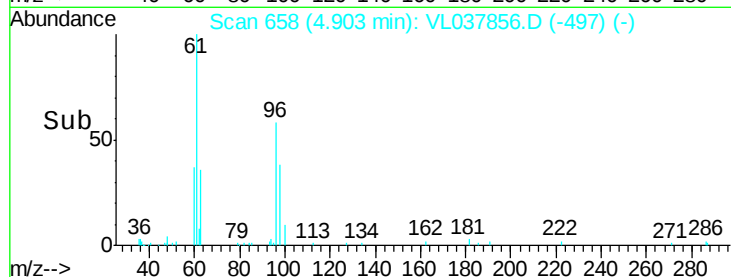
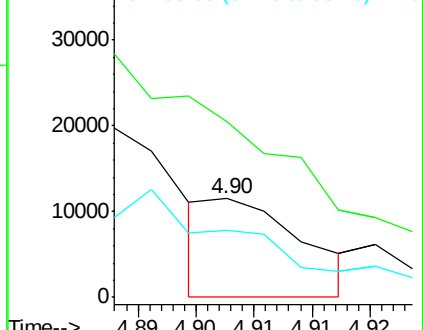
98 75.2 51.7 77.5



Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



#23

Vinyl Acetate

Concen: 0.235 ppbv

RT: 5.09 min Scan# 715

Delta R.T. 0.01 min

Lab File: VL037856.D

Acq: 18 Oct 2021 17:33

Tgt Ion: 43 Resp: 40254

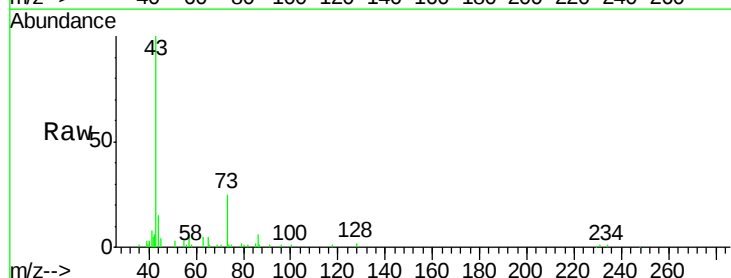
Ion Ratio Lower Upper

43 100

86 7.0 5.0 7.4

42 6.2 7.4 11.0#

44 8.1 3.8 5.6#

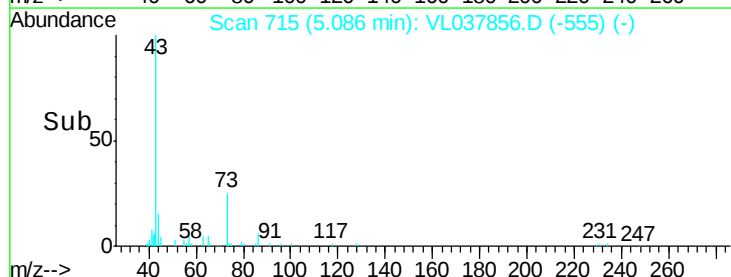
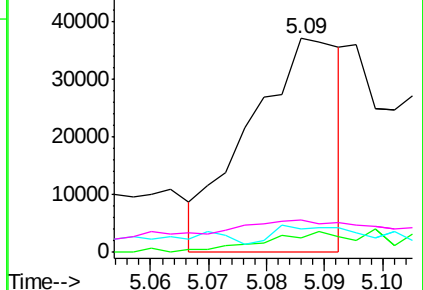


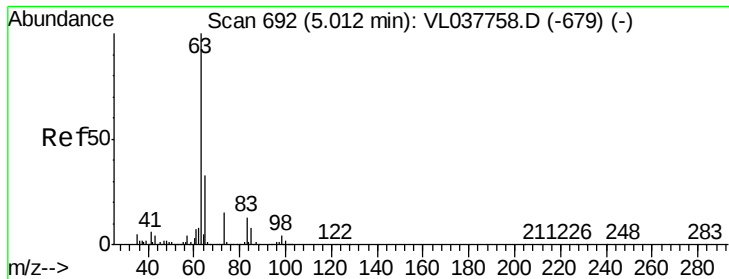
Abundance Ion 43.10 (42.80 to 43.80): VL0

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





#24

1,1-Dichloroethane

Concen: 0.438 ppbv

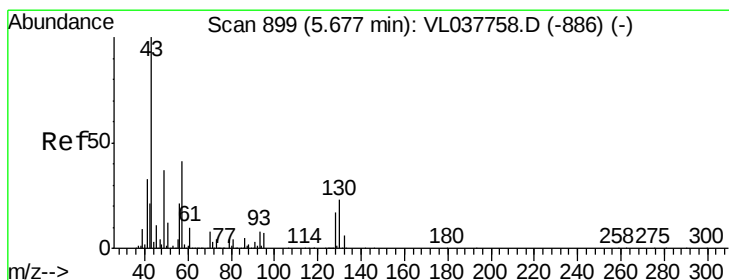
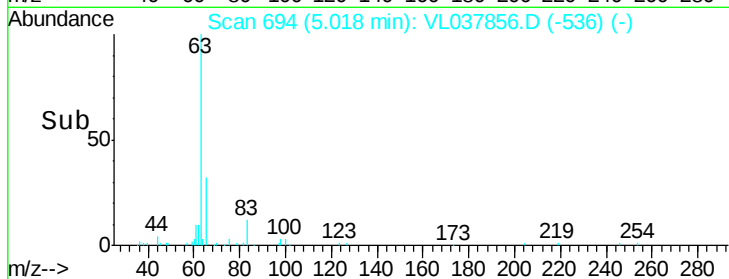
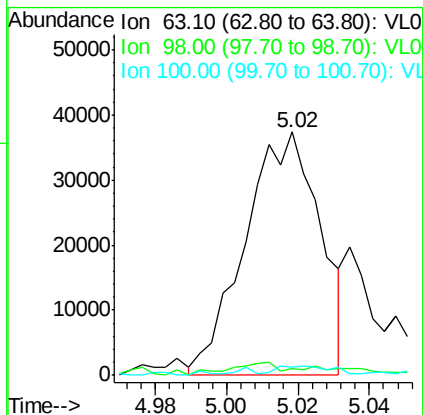
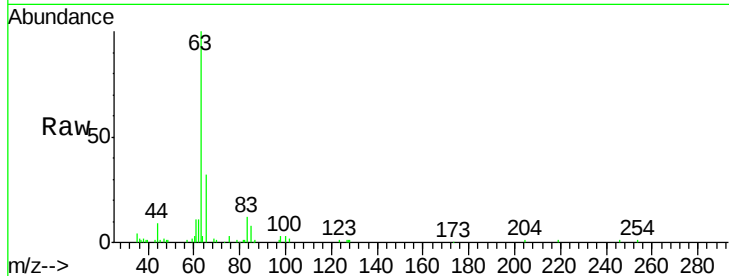
RT: 5.02 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 18 Oct 2021 17:33

Tgt Ion:	63	Resp:	54534
Ion	Ratio	Lower	Upper
63	100		
98	2.9	2.3	6.9
100	3.4	1.1	3.1#



#25

Ethyl Acetate

Concen: 0.471 ppbv

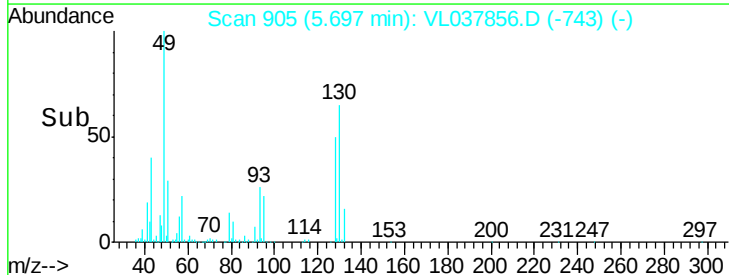
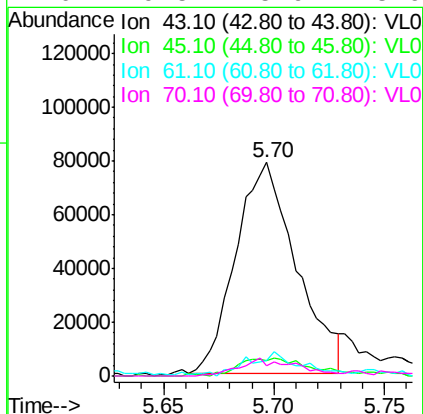
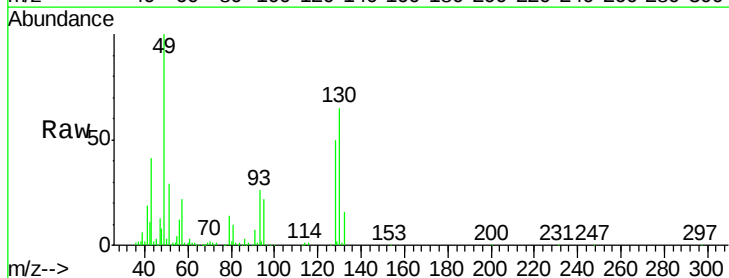
RT: 5.70 min Scan# 905

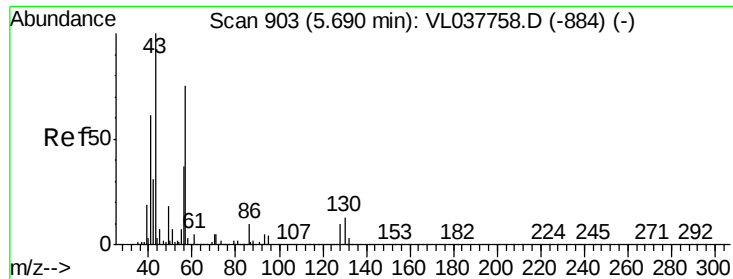
Delta R.T. 0.02 min

Lab File: VL037856.D

Acq: 18 Oct 2021 17:33

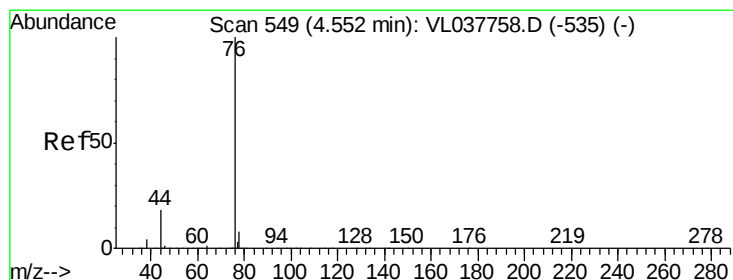
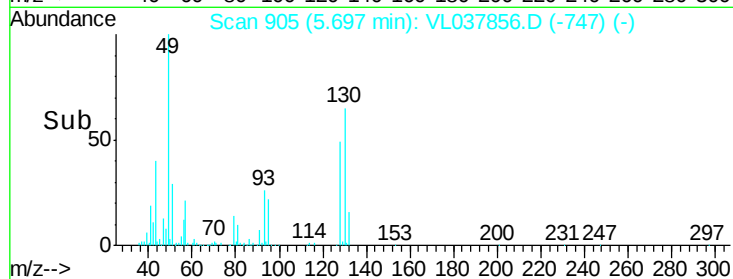
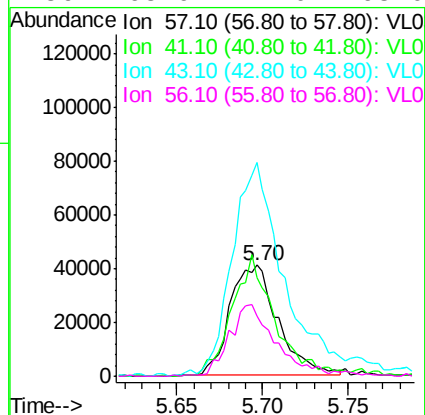
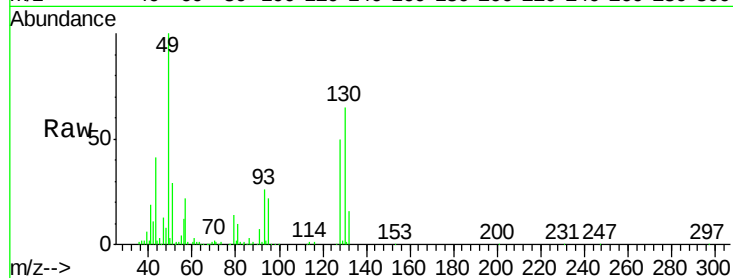
Tgt Ion:	43	Resp:	150642
Ion	Ratio	Lower	Upper
43	100		
45	11.4	8.1	12.1
61	11.1	7.5	11.3
70	9.5	5.9	8.9#





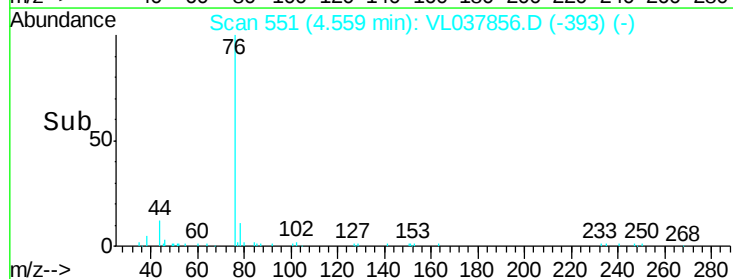
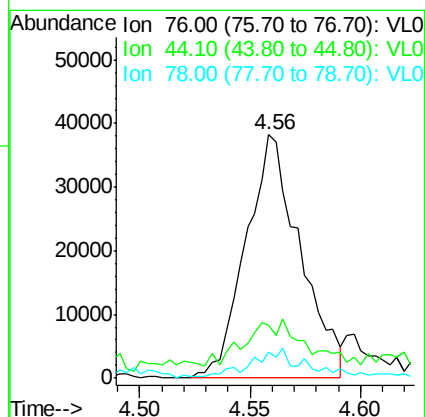
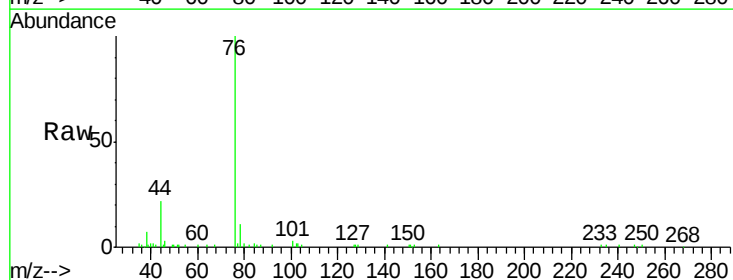
#26
Hexane
Concen: 0.497 ppbv
RT: 5.70
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 18 Oct 2021 17:33

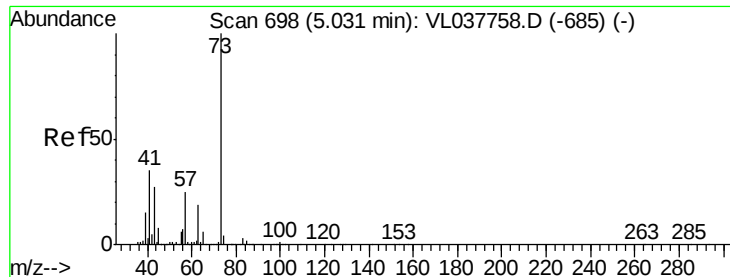
Tgt Ion:	57	Resp:	78277
Ion	Ratio	Lower	Upper
57	100		
41	104.7	69.6	104.4#
43	223.9	171.4	257.0
56	65.9	42.0	63.0#



#27
Carbon Disulfide
Concen: 0.468 ppbv
RT: 4.56 min Scan# 551
Delta R.T. 0.01 min
Lab File: VL037856.D
Acq: 18 Oct 2021 17:33

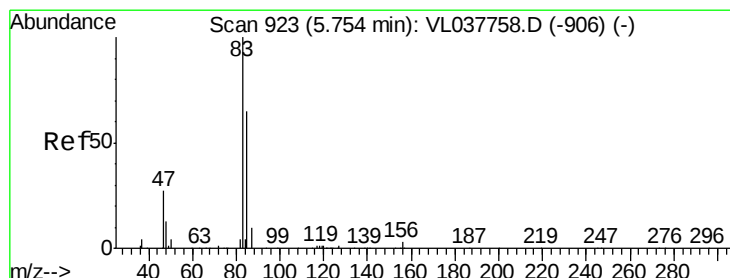
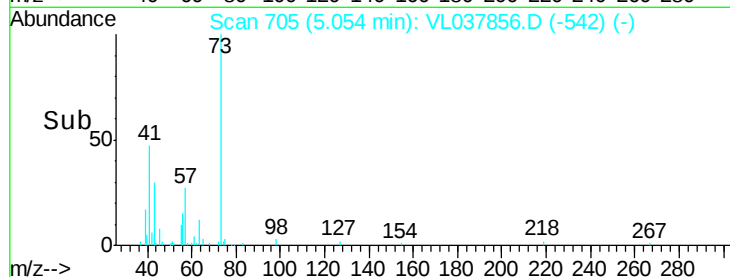
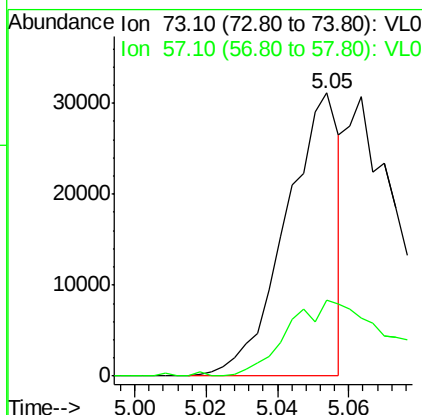
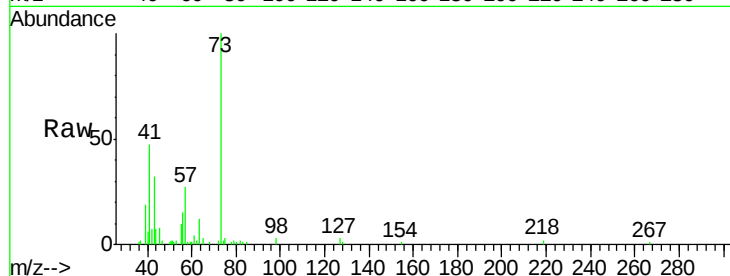
Tgt Ion:	76	Resp:	65383
Ion	Ratio	Lower	Upper
76	100		
44	22.3	14.3	21.5#
78	13.2	7.8	11.6#





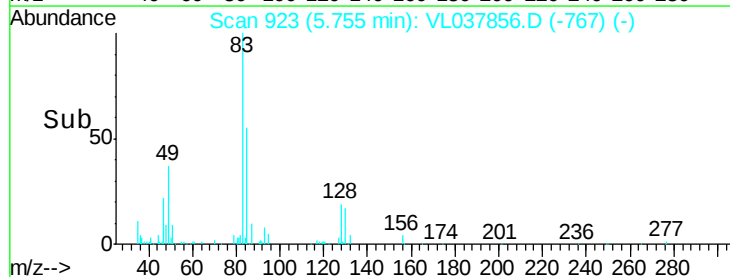
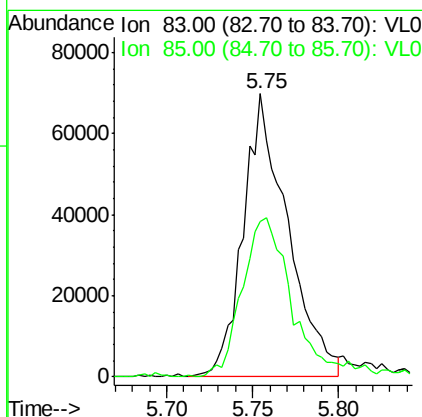
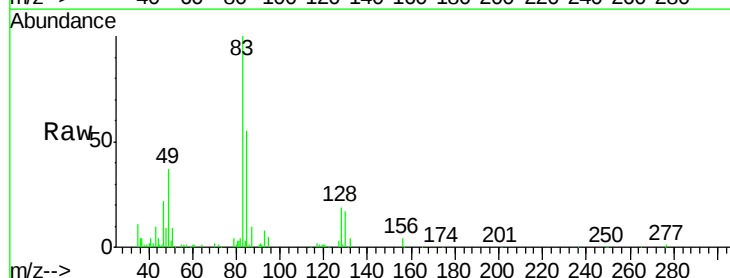
#28
Methyl tert-Butyl Ether
Concen: 0.245 ppbv
RT: 5.05
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 18 Oct 2021 17:33

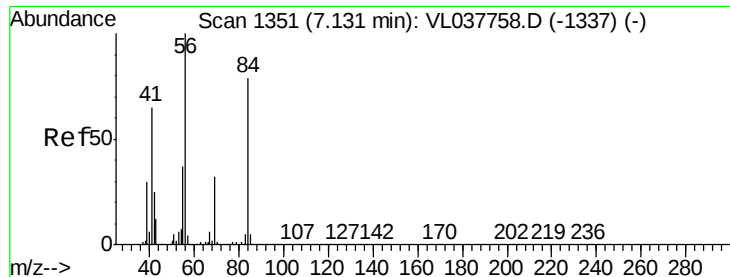
Tgt Ion: 73 Resp: 32202
Ion Ratio Lower Upper
73 100
57 61.6 20.4 30.6#



#29
Chloroform
Concen: 0.557 ppbv
RT: 5.75 min Scan# 923
Delta R.T. 0.00 min
Lab File: VL037856.D
Acq: 18 Oct 2021 17:33

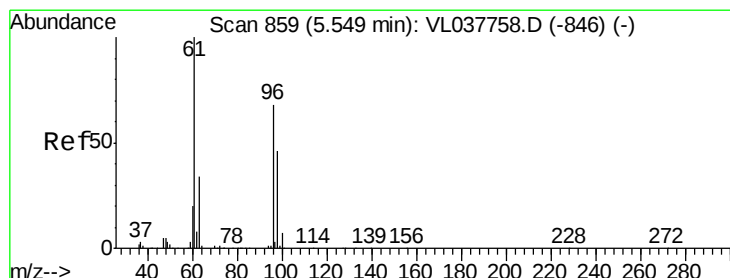
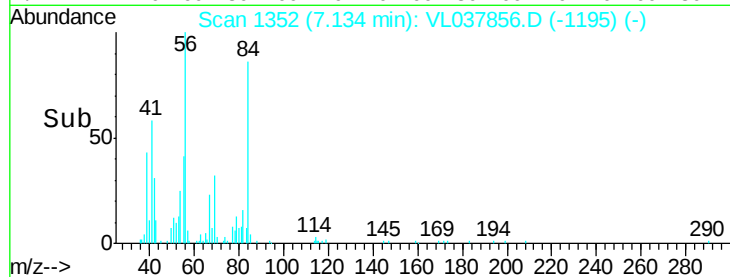
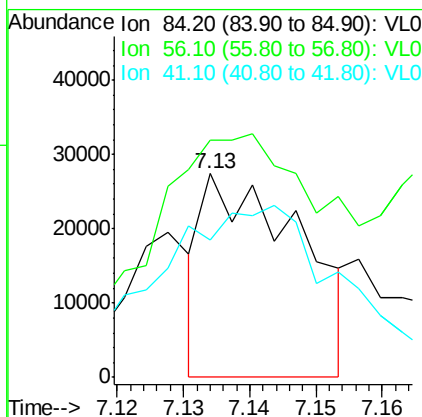
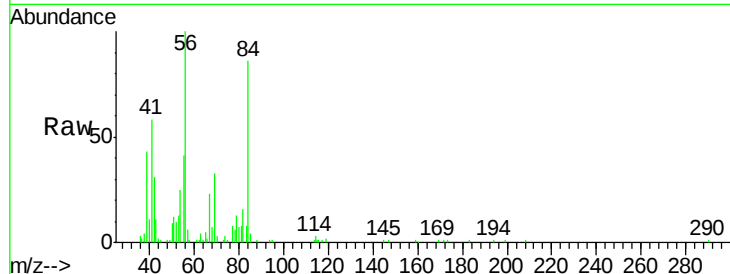
Tgt Ion: 83 Resp: 125448
Ion Ratio Lower Upper
83 100
85 54.0 51.8 77.8





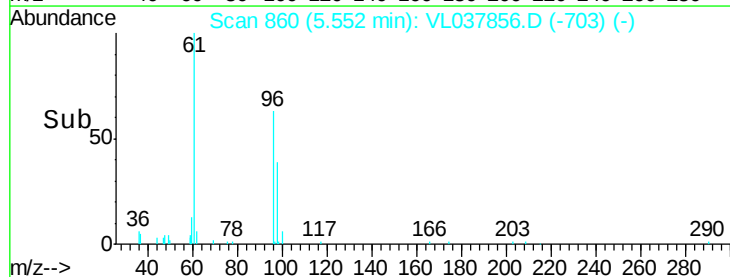
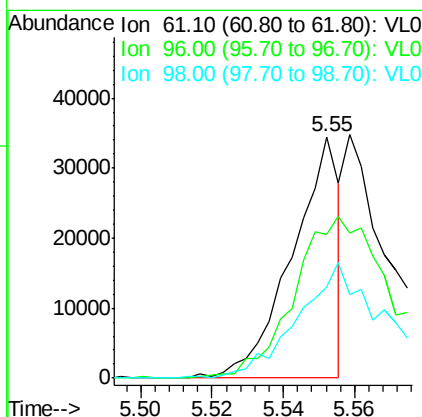
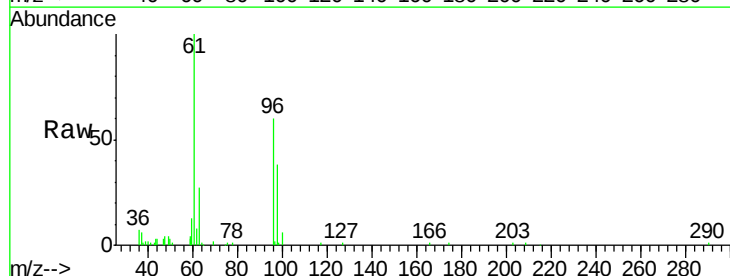
#30
Cyclohexane
Concen: 0.209 ppbv
RT: 7.13
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 18 Oct 2021 17:33

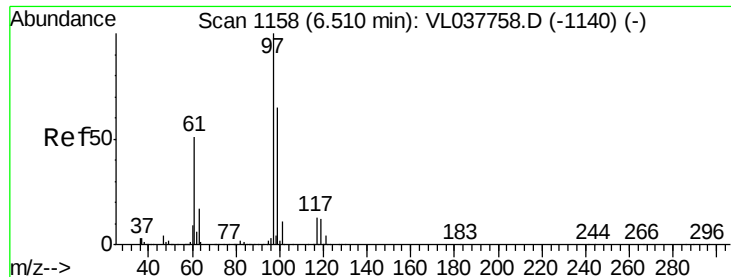
Tgt Ion: 84 Resp: 27913
Ion Ratio Lower Upper
84 100
56 246.2 113.0 169.4#
41 185.8 69.1 103.7#



#31
cis-1,2-Dichloroethene
Concen: 0.221 ppbv
RT: 5.55 min Scan# 860
Delta R.T. 0.00 min
Lab File: VL037856.D
Acq: 18 Oct 2021 17:33

Tgt Ion: 61 Resp: 31613
Ion Ratio Lower Upper
61 100
96 59.6 54.2 81.2
98 38.3 36.6 54.8





#32

1,1,1-Trichloroethane

Concen: 0.511 ppbv

RT: 6.52 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 18 Oct 2021 17:33

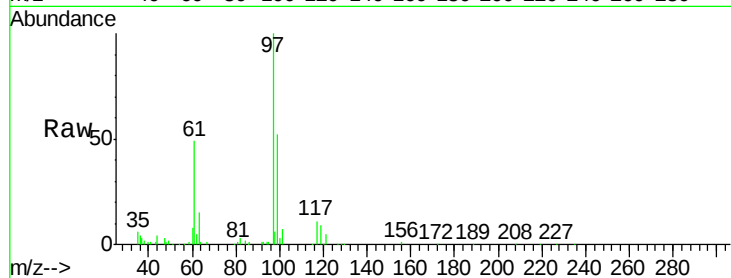
Tgt Ion: 97 Resp: 109252

Ion Ratio Lower Upper

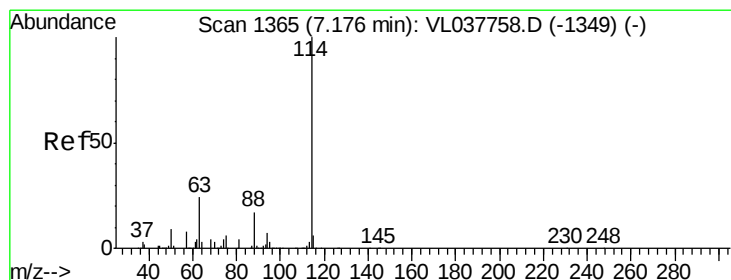
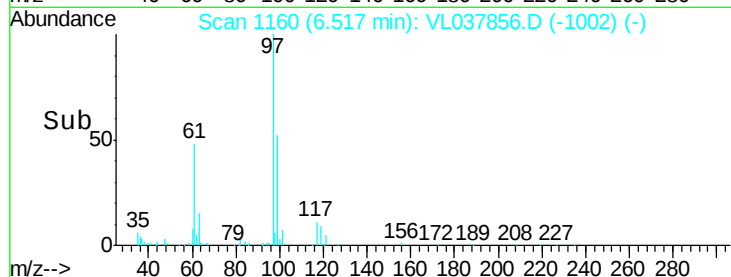
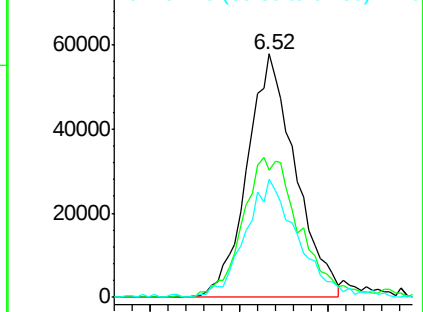
97 100

99 68.8 52.6 78.8

61 53.7 40.2 60.4



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: 7.18 min Scan# 1367

Delta R.T. 0.01 min

Lab File: VL037856.D

Acq: 18 Oct 2021 17:33

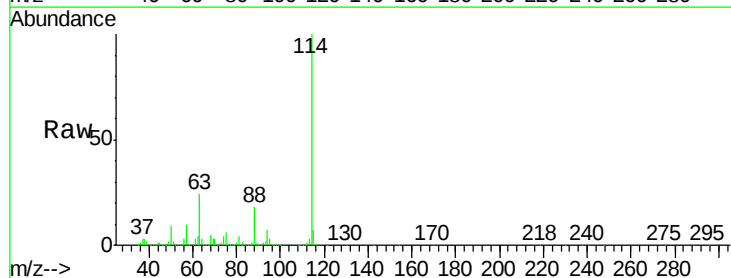
Tgt Ion: 114 Resp: 3808287

Ion Ratio Lower Upper

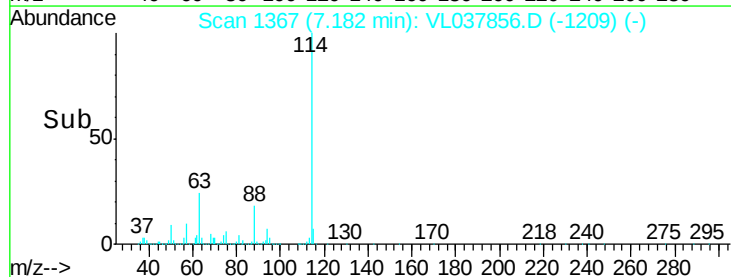
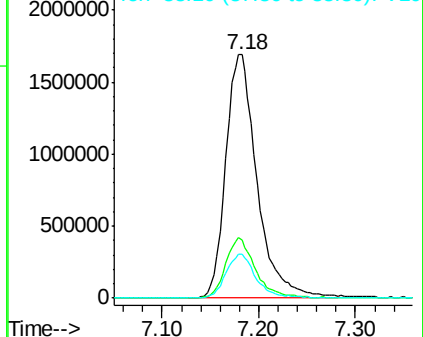
114 100

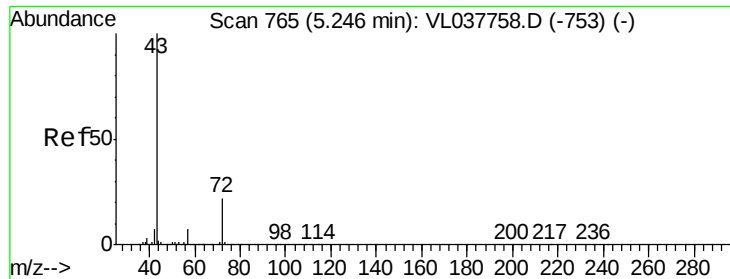
63 24.0 19.4 29.2

88 17.5 14.4 21.6



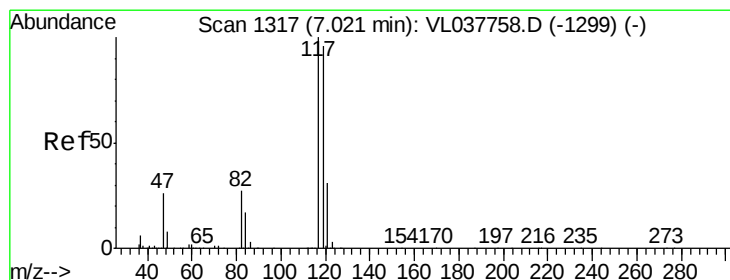
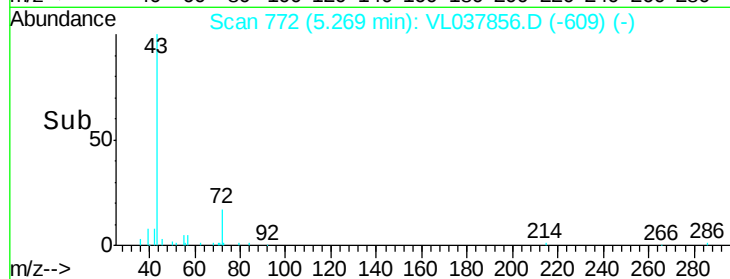
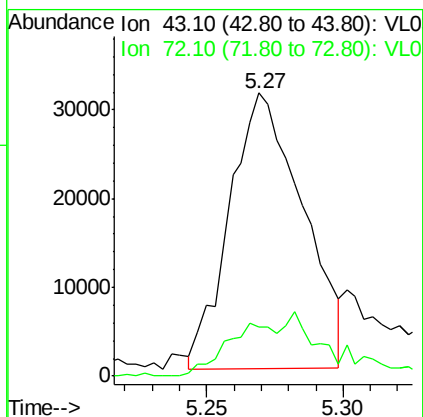
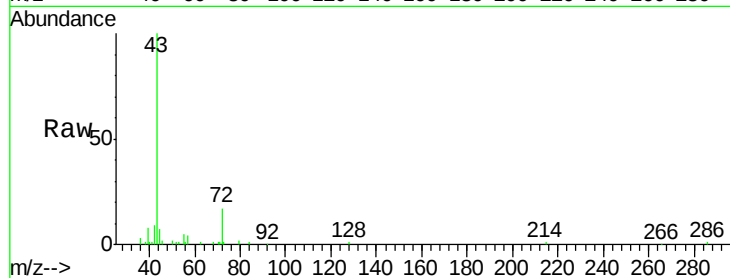
Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





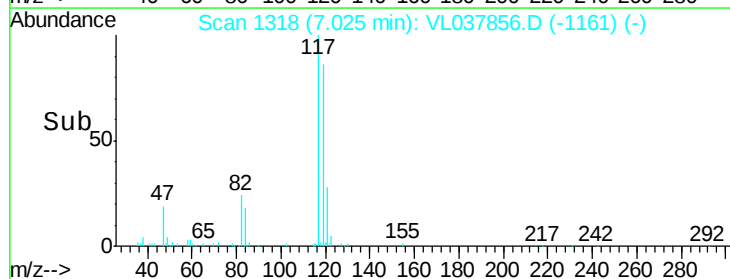
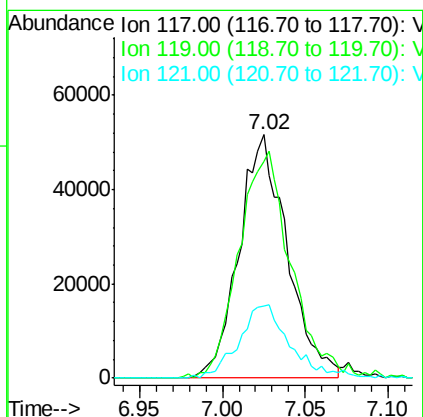
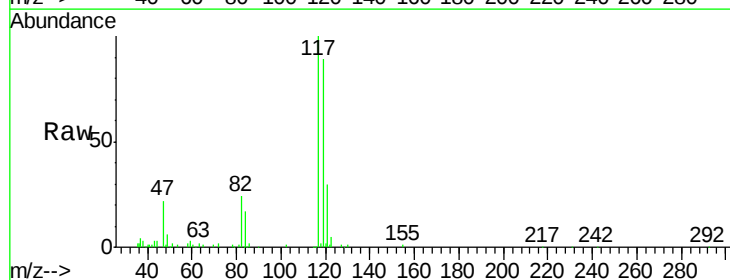
#34
 2-Butanone
 Concen: 0.377 ppbv
 RT: 5.27
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 18 Oct 2021 17:33

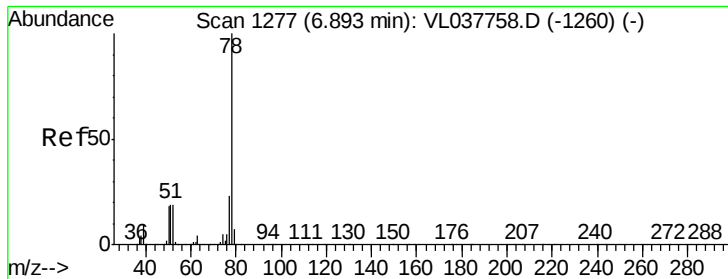
Tgt Ion: 43 Resp: 57990
 Ion Ratio Lower Upper
 43 100
 72 30.5 18.2 27.2#



#35
 Carbon Tetrachloride
 Concen: 0.483 ppbv
 RT: 7.02 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: VL037856.D
 Acq: 18 Oct 2021 17:33

Tgt Ion: 117 Resp: 104388
 Ion Ratio Lower Upper
 117 100
 119 87.2 76.5 114.7
 121 29.6 24.9 37.3





#36

Benzene

Concen: 0.453 ppbv

RT: 6.89 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 17:33 LOQ-AIR-02-OT4-2021

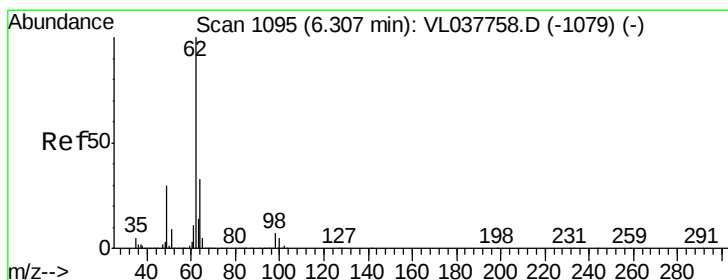
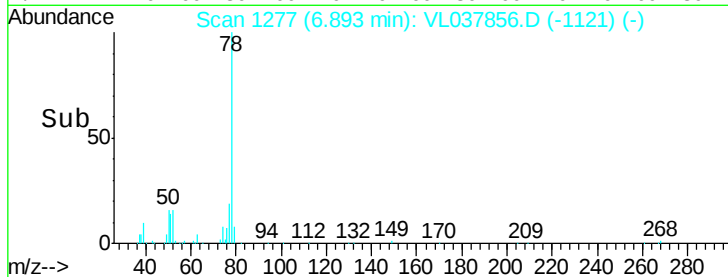
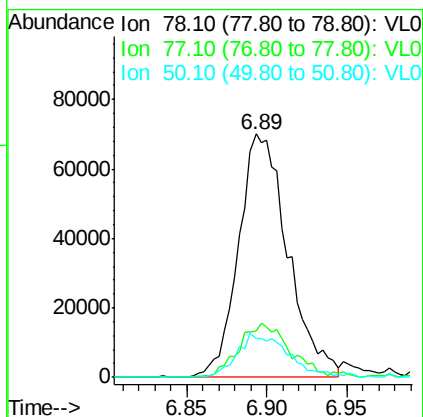
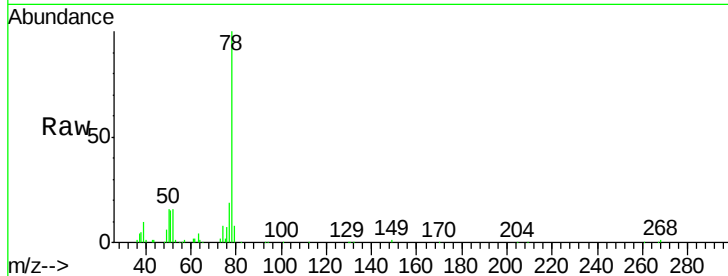
Tgt Ion: 78 Resp: 147405

Ion Ratio Lower Upper

78 100

77 19.2 18.8 28.2

50 15.8 14.7 22.1



#37

1,2-Dichloroethane

Concen: 0.259 ppbv

RT: 6.31 min Scan# 1096

Delta R.T. 0.00 min

Lab File: VL037856.D

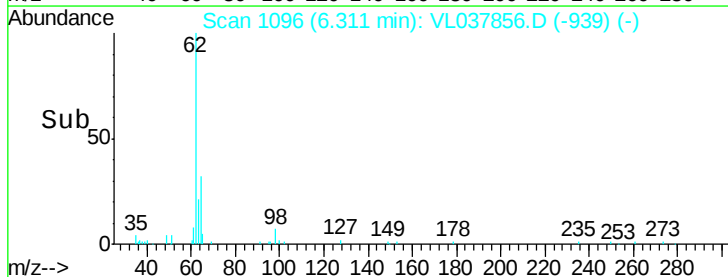
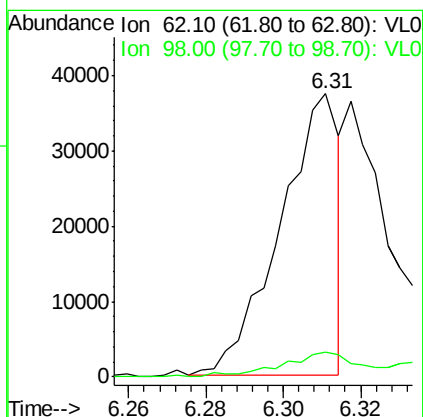
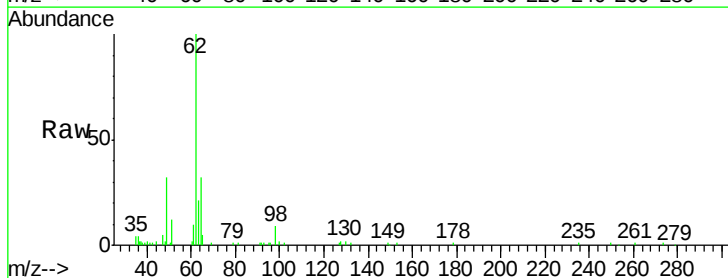
Acq: 18 Oct 2021 17:33

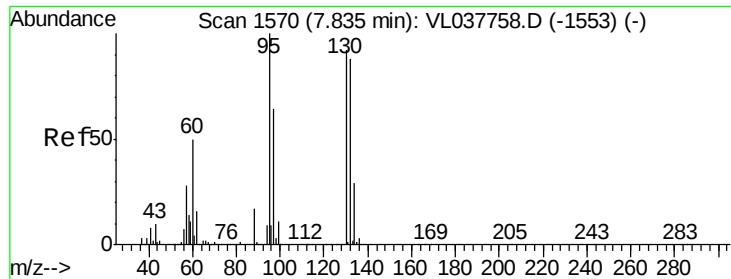
Tgt Ion: 62 Resp: 39692

Ion Ratio Lower Upper

62 100

98 15.4 6.1 9.1#





#38

Trichloroethene

Concen: 0.146 ppbv

RT: 7.85 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 17:33 LOQ-AIR-02-QT4-2021

Tgt Ion: 130 Resp: 18801

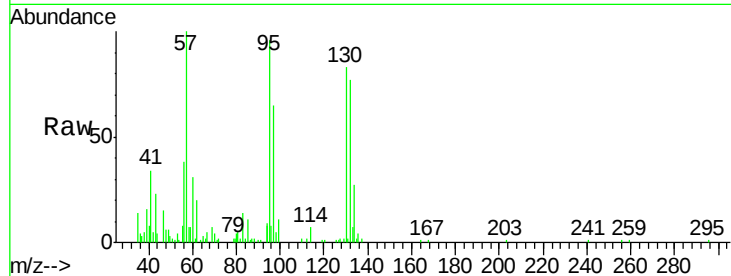
Ion Ratio Lower Upper

130 100

95 110.5 87.4 131.0

132 88.0 76.8 115.2

97 68.5 55.8 83.8

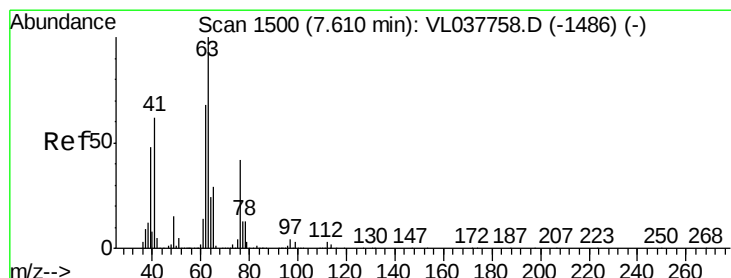
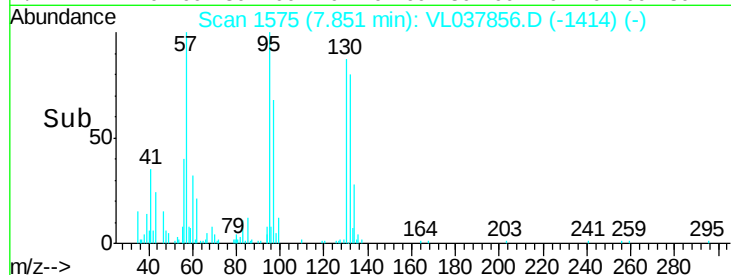
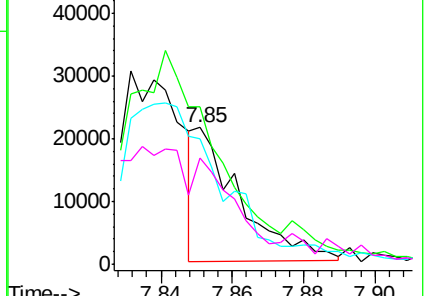


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#39

1,2-Dichloropropane

Concen: 0.211 ppbv

RT: 7.61 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VL037856.D

Acq: 18 Oct 2021 17:33

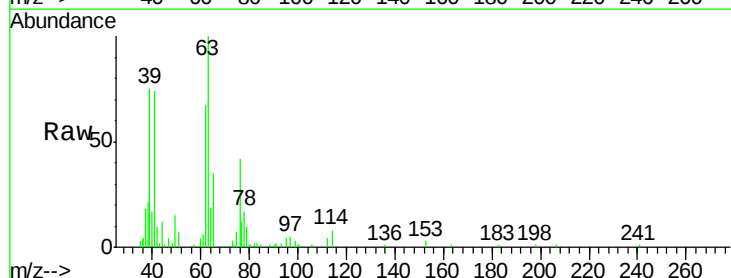
Tgt Ion: 63 Resp: 25854

Ion Ratio Lower Upper

63 100

41 71.5 49.8 74.6

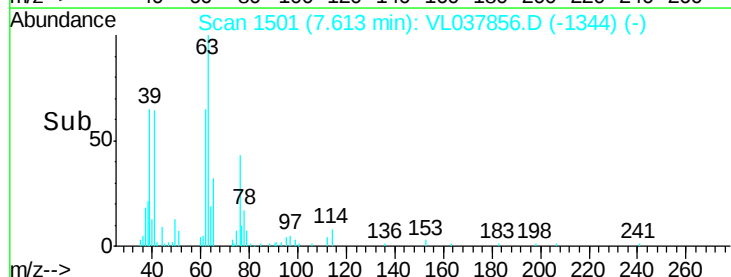
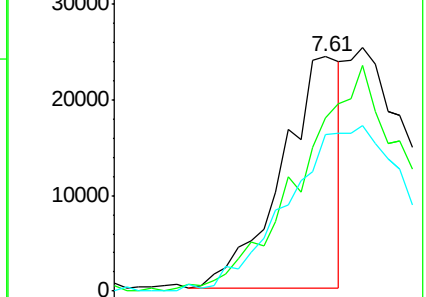
62 64.6 54.6 82.0

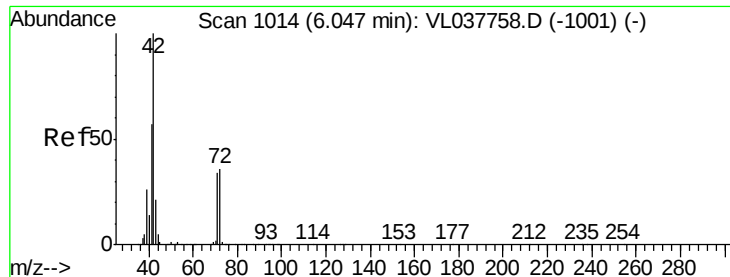


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#41

Tetrahydrofuran

Concen: 0.236 ppbv

RT: 6.09 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: LOQ-AIR-02-QT4-2021

Acq: 18 Oct 2021 17:33

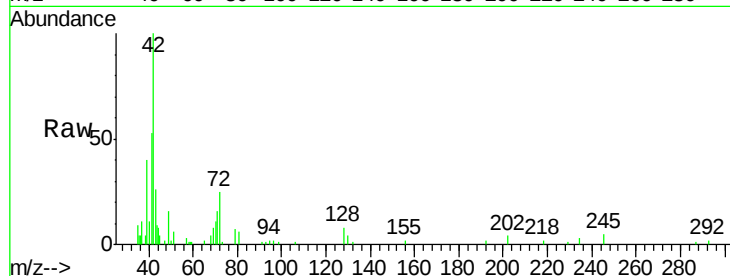
Tgt Ion: 42 Resp: 17776

Ion Ratio Lower Upper

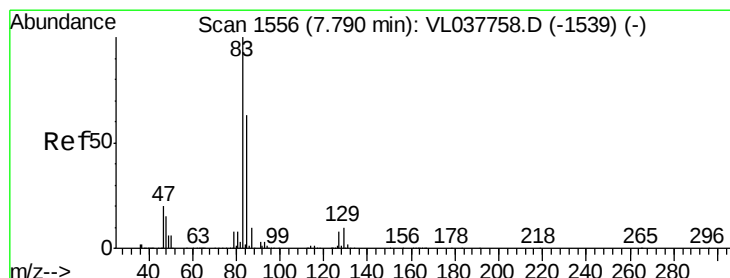
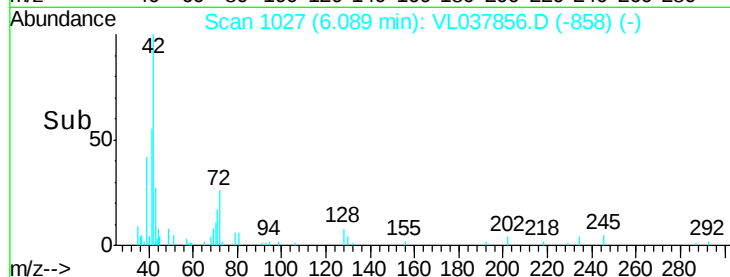
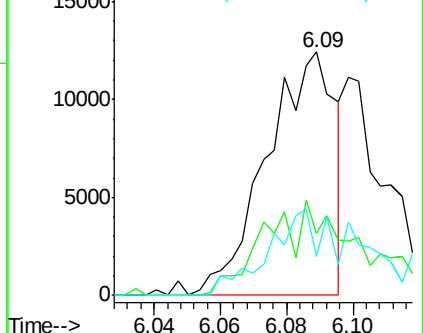
42 100

72 71.1 31.9 47.9#

71 54.0 30.3 45.5#



Abundance Ion 42.10 (41.80 to 42.80): VL0
Ion 72.10 (71.80 to 72.80): VL0
Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 0.240 ppbv

RT: 7.79 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VL037856.D

Acq: 18 Oct 2021 17:33

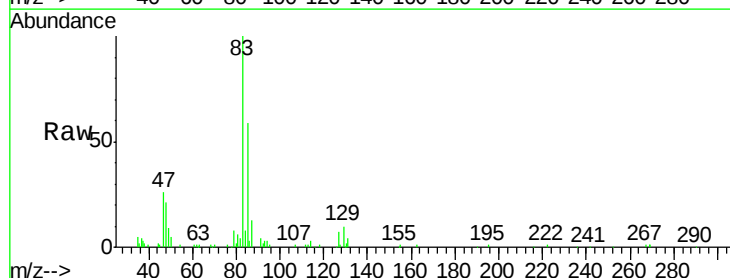
Tgt Ion: 83 Resp: 54057

Ion Ratio Lower Upper

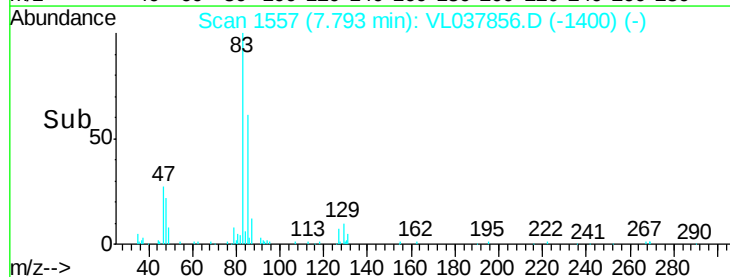
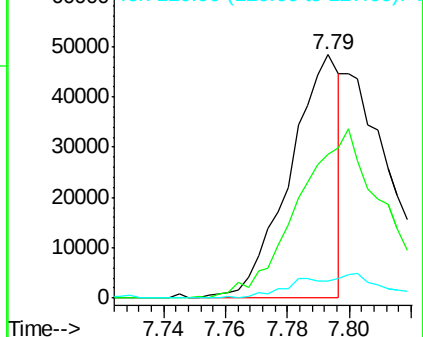
83 100

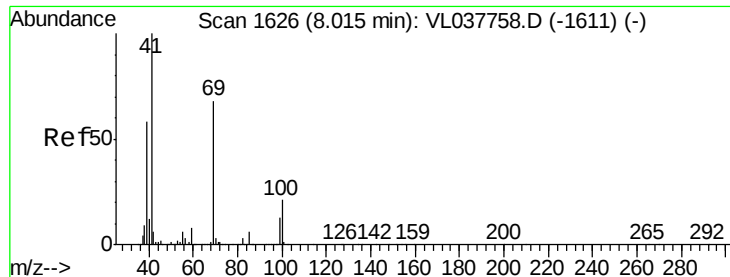
85 59.0 50.6 75.8

127 7.1 6.2 9.4



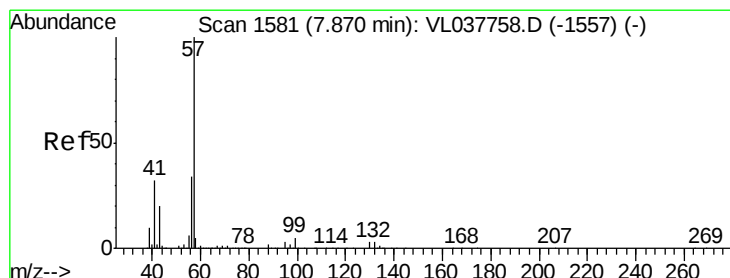
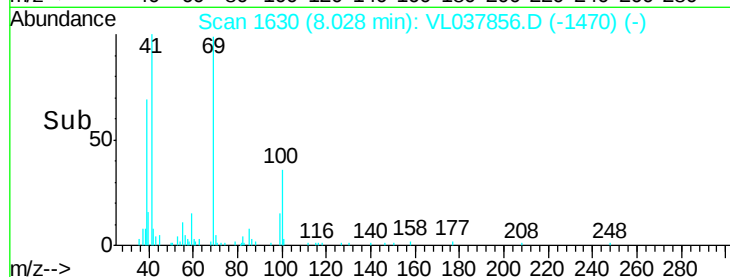
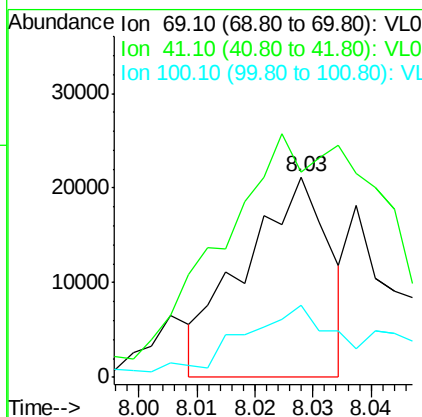
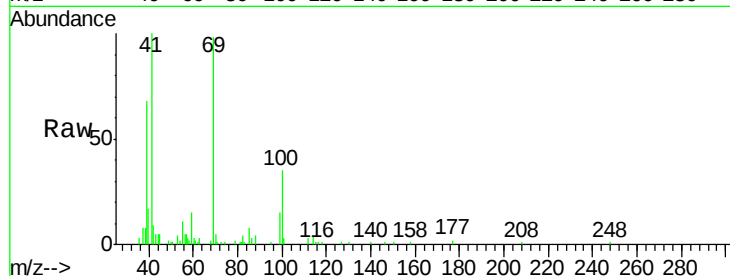
Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 126.90 (126.60 to 127.60): V





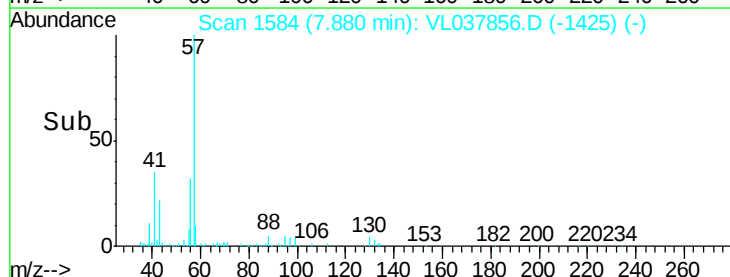
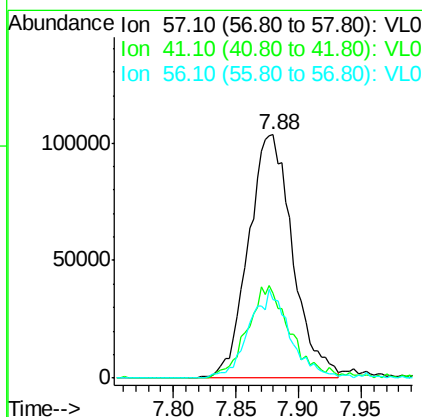
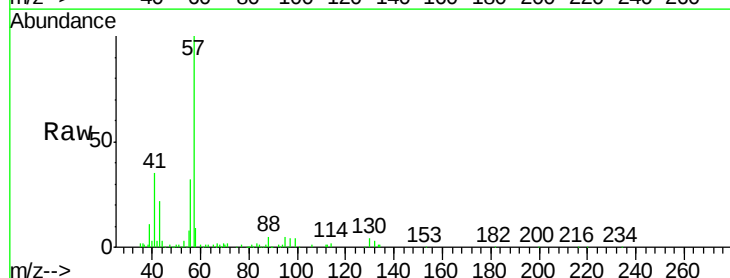
#43
Methyl Methacrylate
Concen: 0.202 ppbv
RT: 8.03
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 18 Oct 2021 17:33

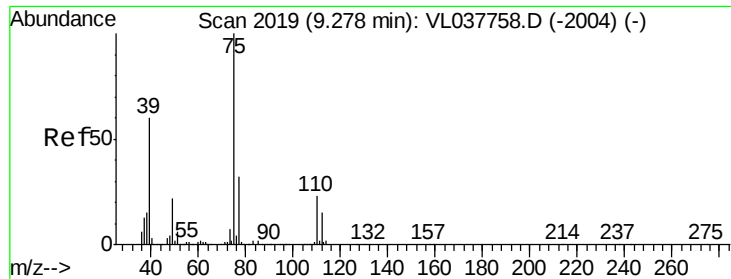
Tgt Ion: 69 Resp: 21485
Ion Ratio Lower Upper
69 100
41 286.7 121.0 181.4#
100 69.1 27.7 41.5#



#44
2,2,4-Trimethylpentane
Concen: 0.464 ppbv
RT: 7.88 min Scan# 1584
Delta R.T.: 0.01 min
Lab File: VL037856.D
Acq: 18 Oct 2021 17:33

Tgt Ion: 57 Resp: 253351
Ion Ratio Lower Upper
57 100
41 37.8 25.6 38.4
56 34.5 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 0.049 ppbv

RT: 9.30 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

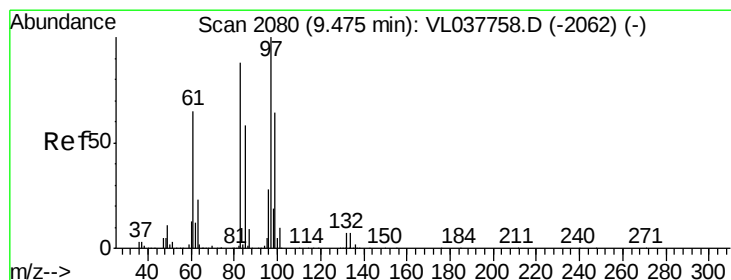
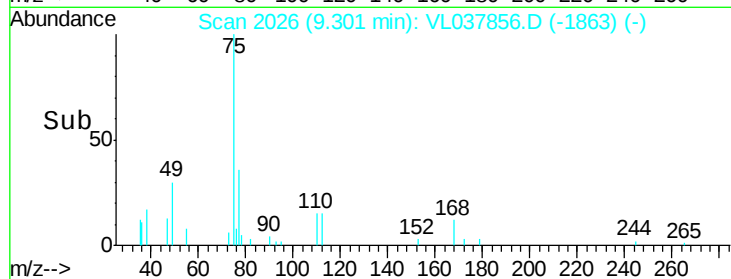
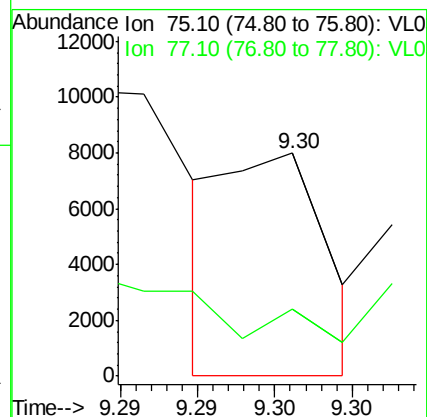
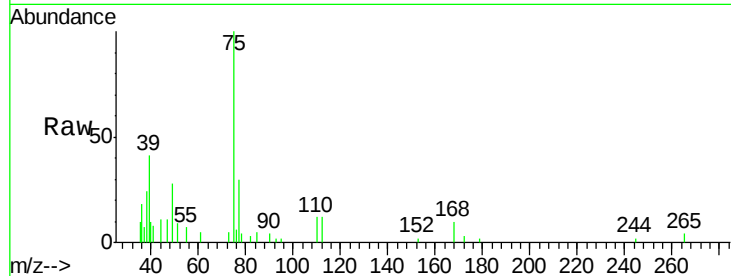
Acq: 18 Oct 2021 17:33 LOQ-AIR-02-OT4-2021

Tgt Ion: 75 Resp: 3591

Ion Ratio Lower Upper

75 100

77 28.3 25.2 37.8



#47

1,1,2-Trichloroethane

Concen: 0.327 ppbv

RT: 9.48 min Scan# 2082

Delta R.T. 0.01 min

Lab File: VL037856.D

Acq: 18 Oct 2021 17:33

Tgt Ion: 97 Resp: 43491

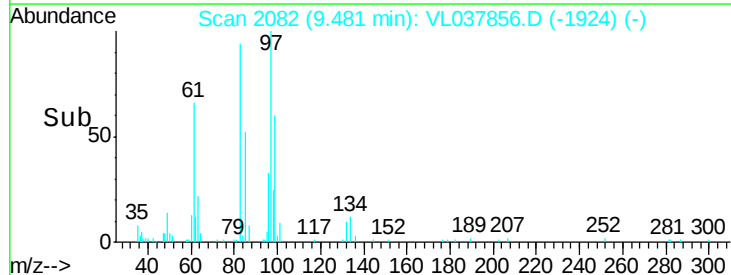
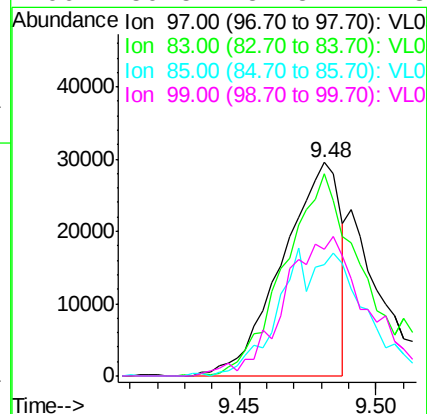
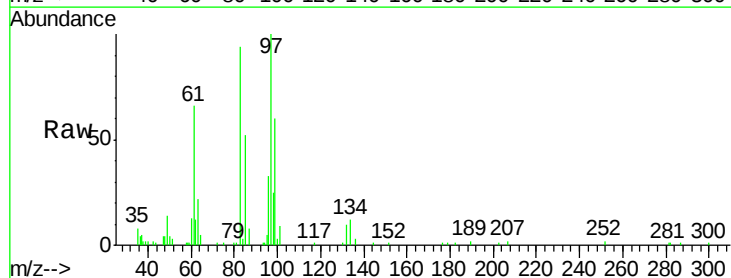
Ion Ratio Lower Upper

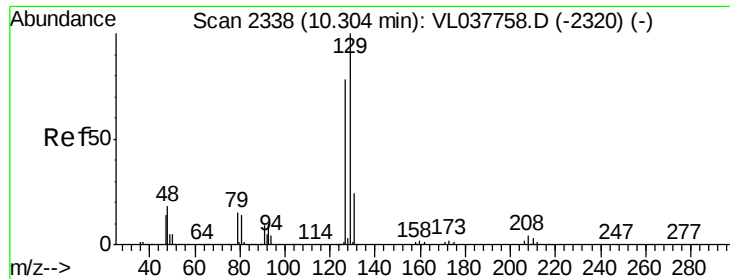
97 100

83 94.4 70.6 105.8

85 50.7 45.9 68.9

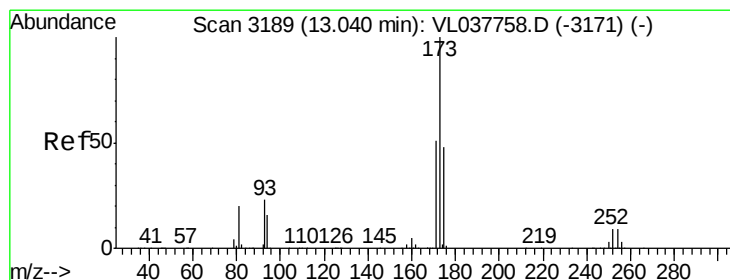
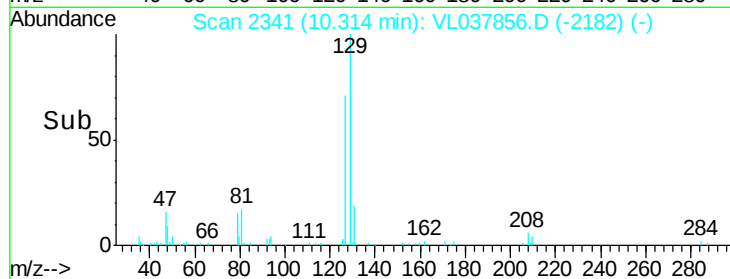
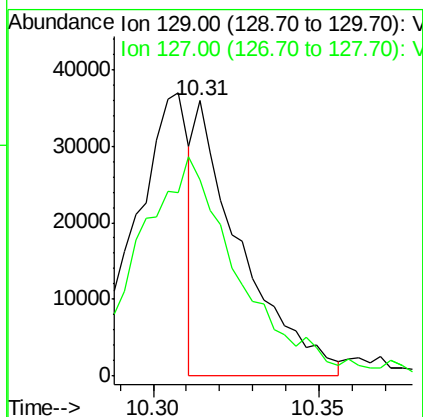
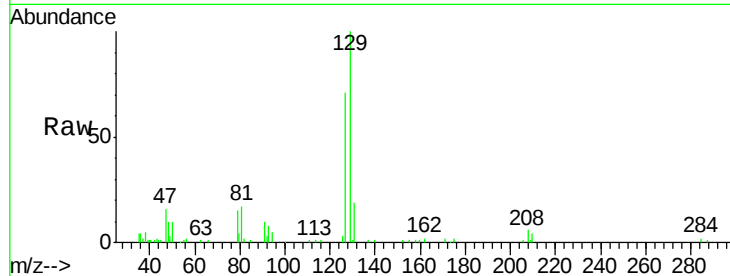
99 59.5 51.5 77.3





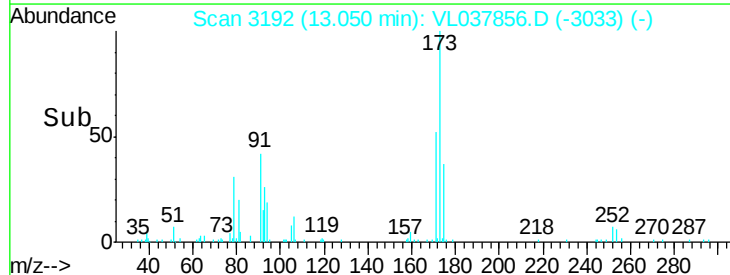
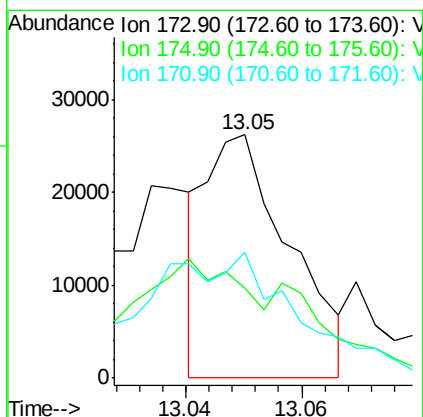
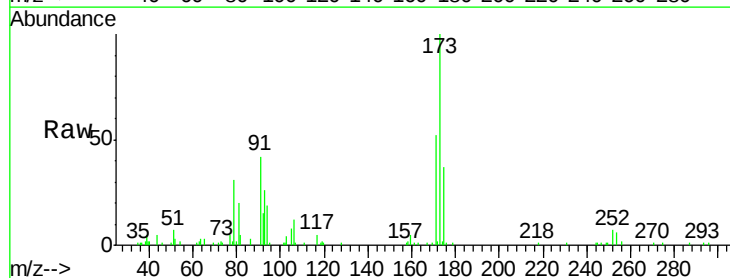
#48
 Dibromochloromethane
 Concen: 0.183 ppbv
 RT: 10.31 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 18 Oct 2021 17:33

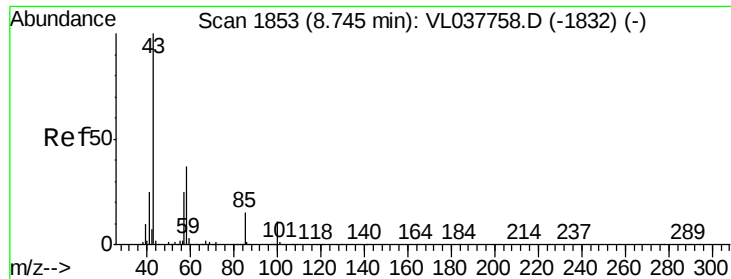
Tgt Ion:129 Resp: 34783
 Ion Ratio Lower Upper
 129 100
 127 184.2 39.5 118.5#



#49
 Bromoform
 Concen: 0.180 ppbv
 RT: 13.05 min Scan# 3192
 Delta R.T. 0.01 min
 Lab File: VL037856.D
 Acq: 18 Oct 2021 17:33

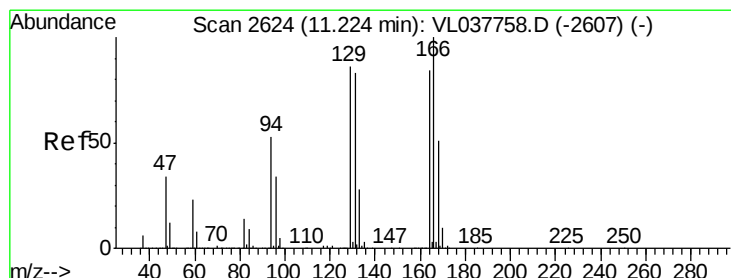
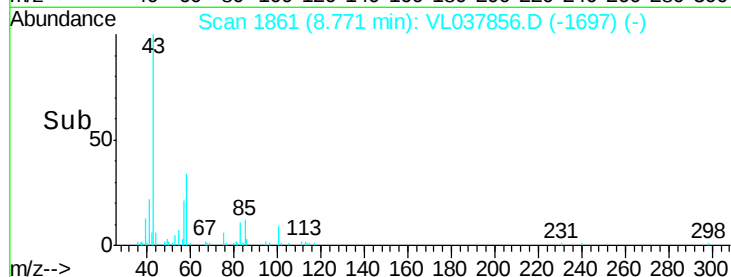
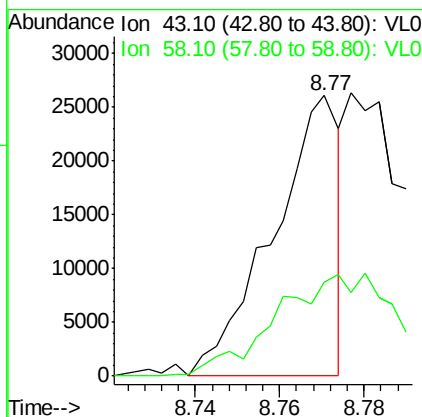
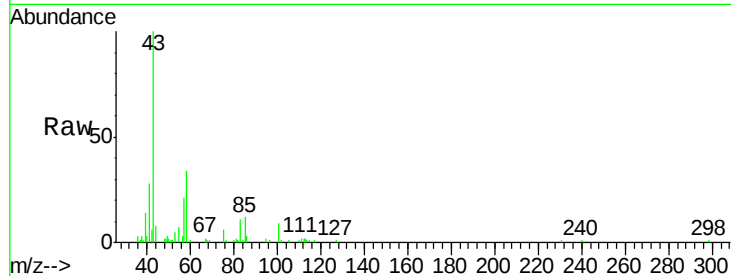
Tgt Ion:173 Resp: 26187
 Ion Ratio Lower Upper
 173 100
 175 0.0 39.9 59.9#
 171 116.7 43.4 65.2#





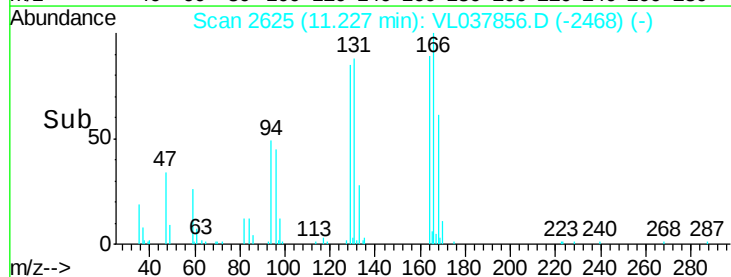
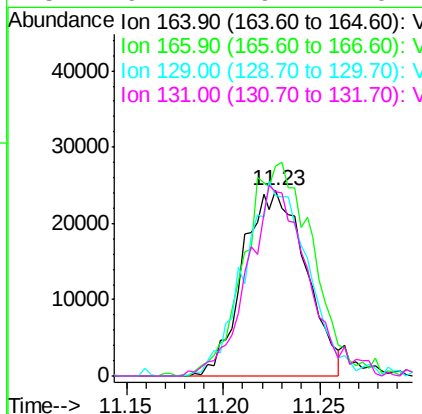
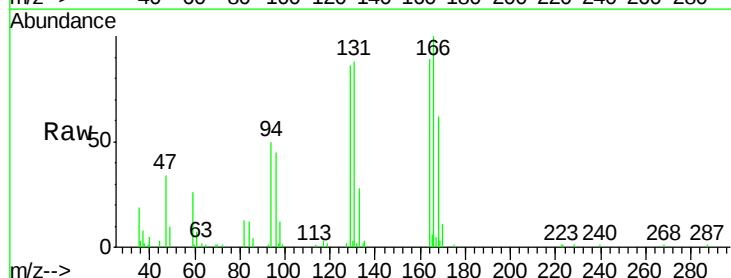
#50
 4-Methyl-2-Pentanone
 Concen: 0.143 ppbv
 RT: 8.77
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 18 Oct 2021 17:33

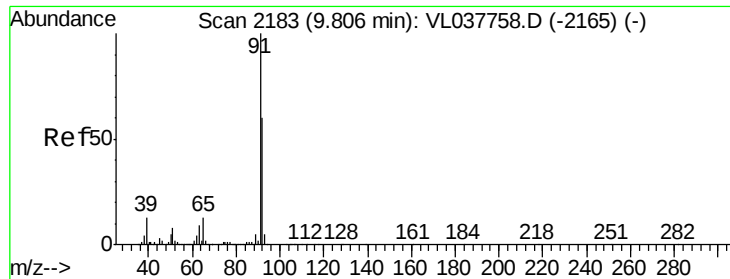
Tgt Ion: 43 Resp: 28632
 Ion Ratio Lower Upper
 43 100
 58 0.0 29.4 44.0#



#52
 Tetrachloroethene
 Concen: 0.434 ppbv
 RT: 11.23 min Scan# 2625
 Delta R.T. 0.00 min
 Lab File: VL037856.D
 Acq: 18 Oct 2021 17:33

Tgt Ion: 164 Resp: 54881
 Ion Ratio Lower Upper
 164 100
 166 112.9 95.4 143.2
 129 96.5 82.2 123.4
 131 97.2 79.4 119.2





#53

Toluene

Concen: 0.393 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

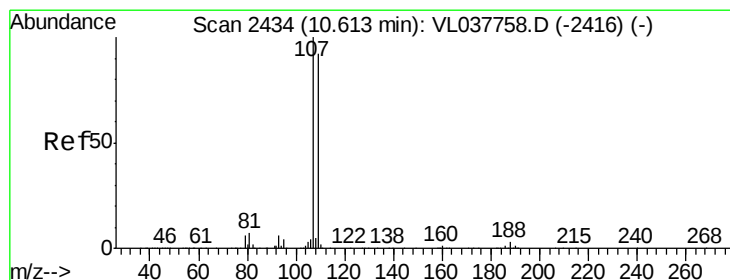
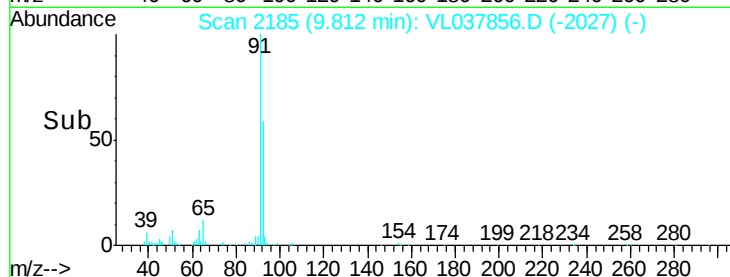
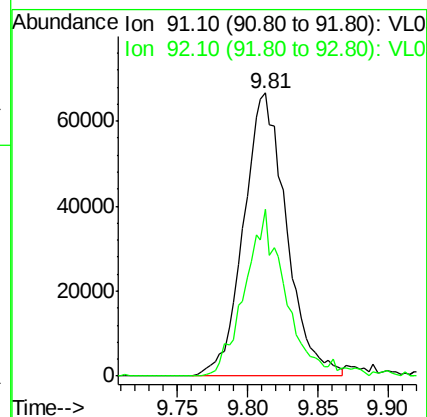
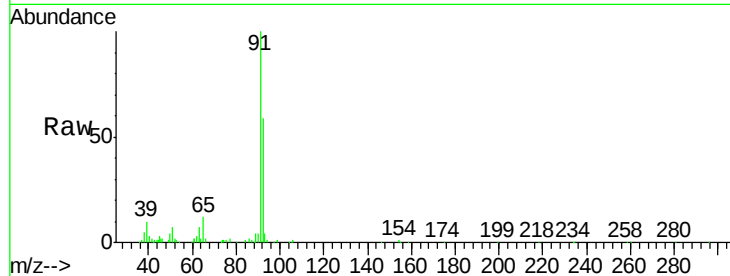
Acq: 18 Oct 2021 17:33 LOQ-AIR-02-OT4-2021

Tgt Ion: 91 Resp: 141675

Ion Ratio Lower Upper

91 100

92 57.4 48.4 72.6



#54

1,2-Dibromoethane

Concen: 0.426 ppbv

RT: 10.61 min Scan# 2434

Delta R.T. 0.00 min

Lab File: VL037856.D

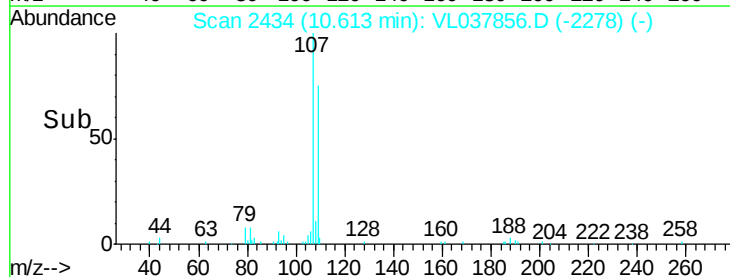
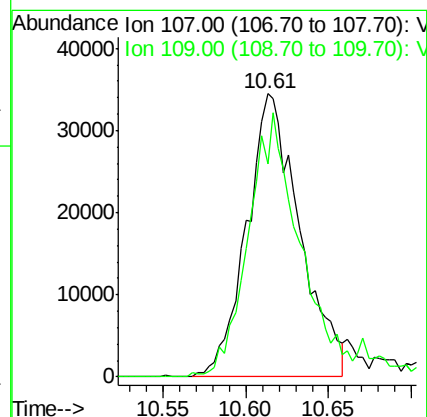
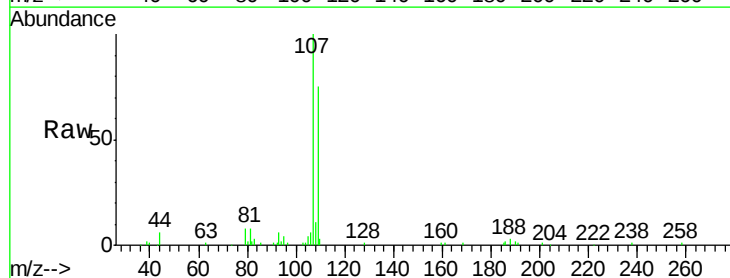
Acq: 18 Oct 2021 17:33

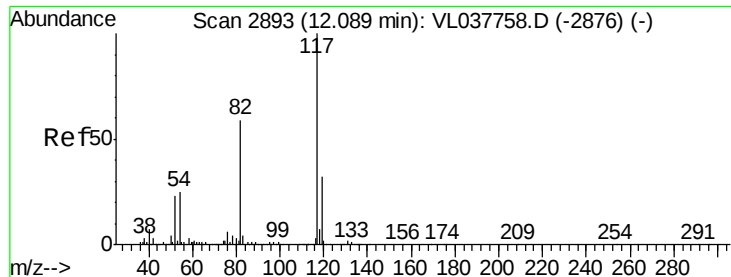
Tgt Ion: 107 Resp: 76552

Ion Ratio Lower Upper

107 100

109 74.1 73.8 110.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 17:33 LOQ-AIR-02-OT4-2021

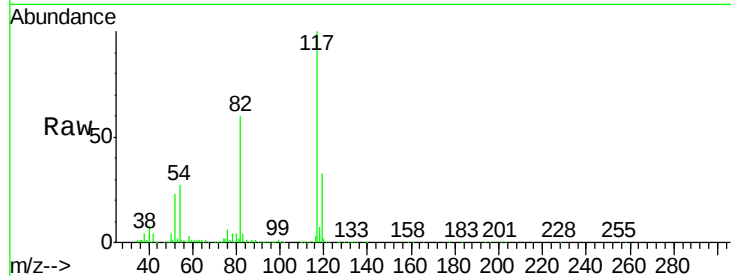
Tgt Ion:117 Resp: 3121429

Ion Ratio Lower Upper

117 100

82 65.6 52.2 78.2

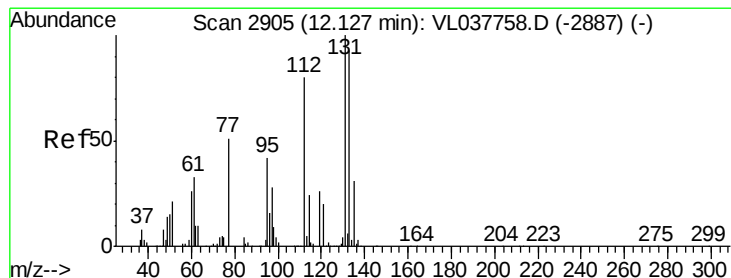
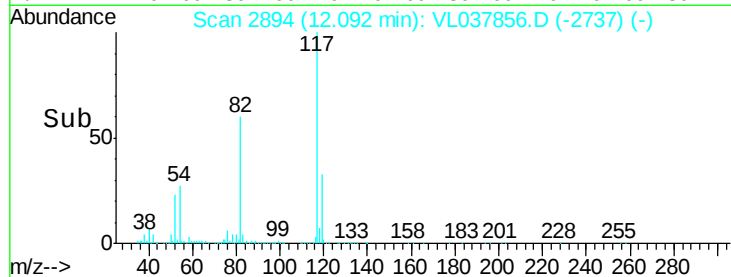
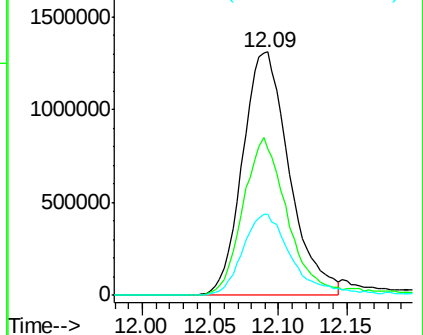
119 36.1 26.0 39.0



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



#56

1,1,1,2-Tetrachloroethane

Concen: 0.327 ppbv

RT: 12.12 min Scan# 2904

Delta R.T. -0.00 min

Lab File: VL037856.D

Acq: 18 Oct 2021 17:33

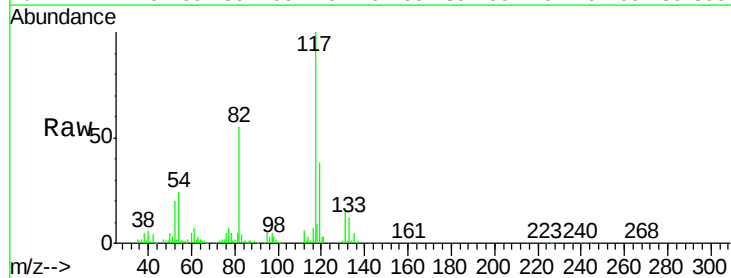
Tgt Ion:131 Resp: 42190

Ion Ratio Lower Upper

131 100

133 165.6 78.5 117.7#

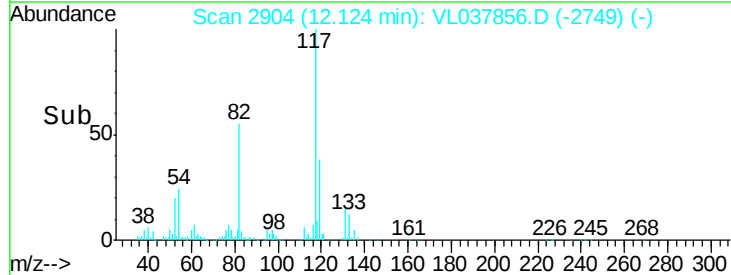
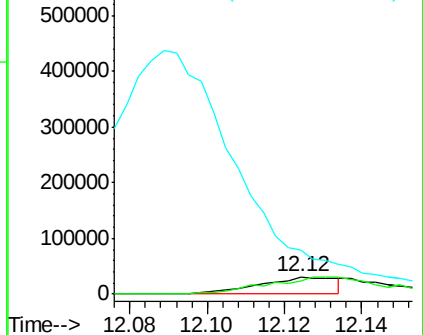
119 0.0 51.7 77.5#

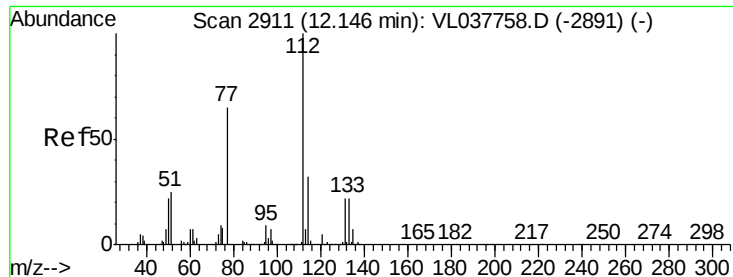


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#57

Chlorobenzene

Concen: 0.547 ppbv

RT: 12.15

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 17:33

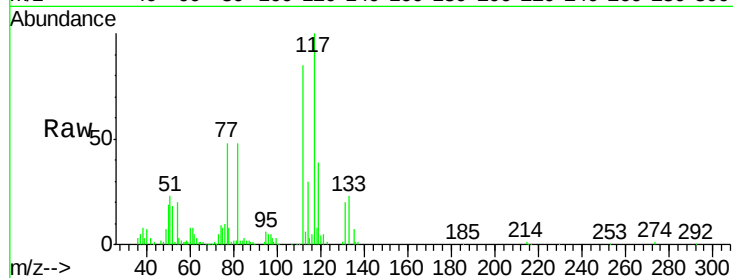
Tgt Ion: 112 Resp: 139948

Ion Ratio Lower Upper

112 100

77 48.9 51.8 77.8#

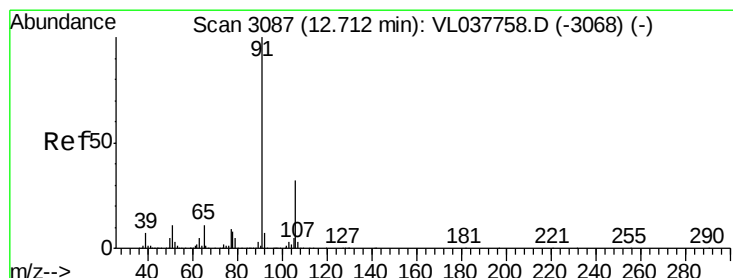
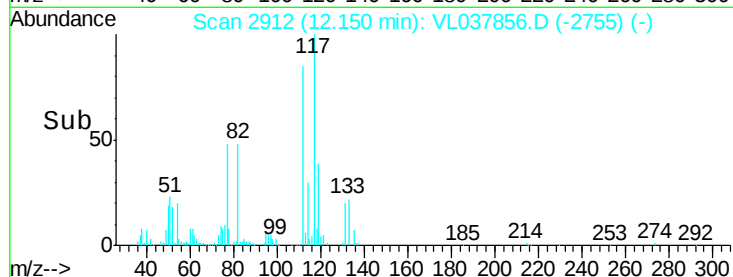
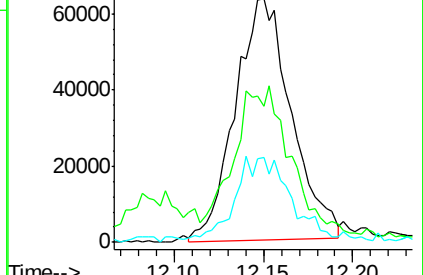
114 33.6 28.8 35.2



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 0.404 ppbv

RT: 12.72 min Scan# 3088

Delta R.T. 0.00 min

Lab File: VL037856.D

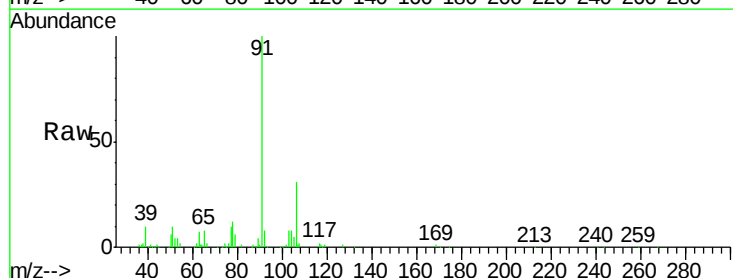
Acq: 18 Oct 2021 17:33

Tgt Ion: 91 Resp: 169531

Ion Ratio Lower Upper

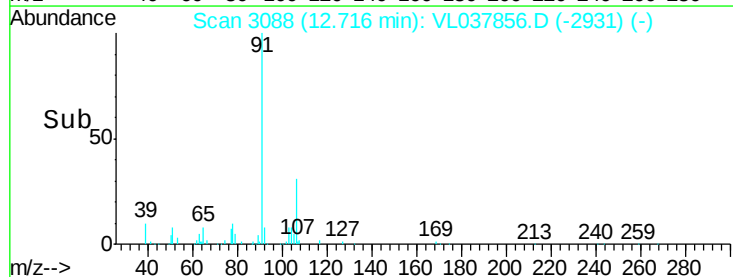
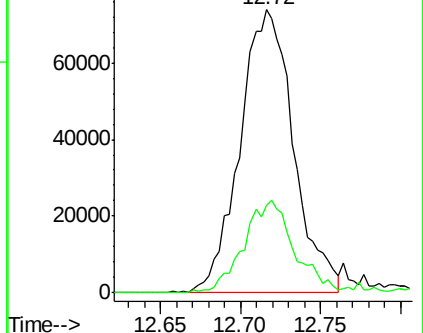
91 100

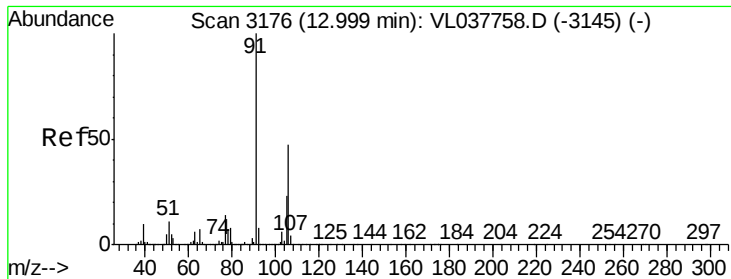
106 30.9 25.3 37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

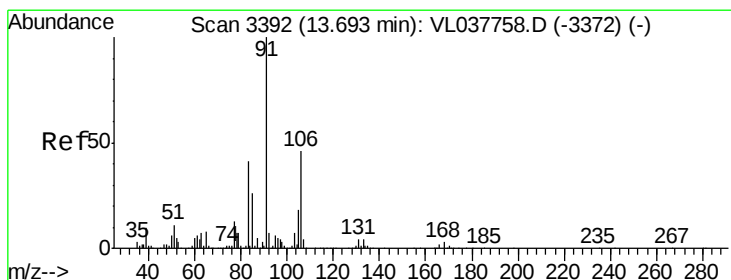
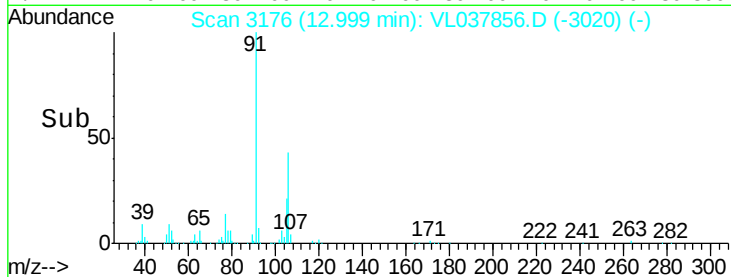
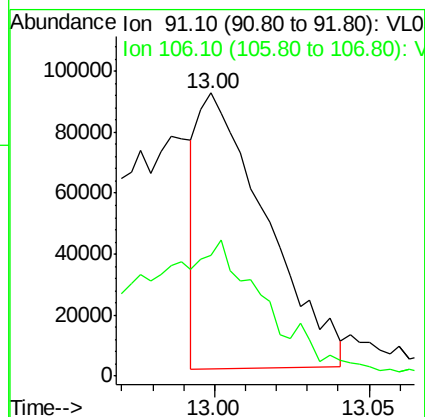
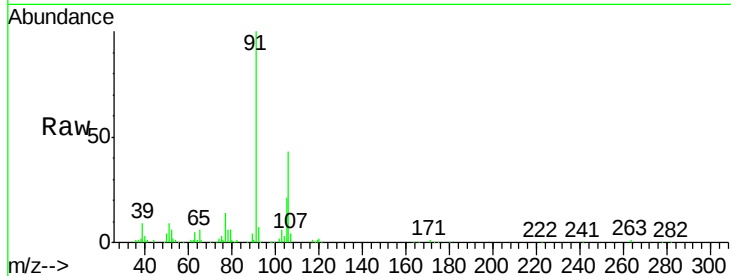
Ion 106.10 (105.80 to 106.80): V





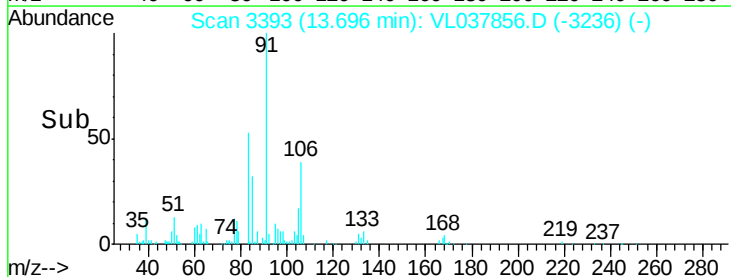
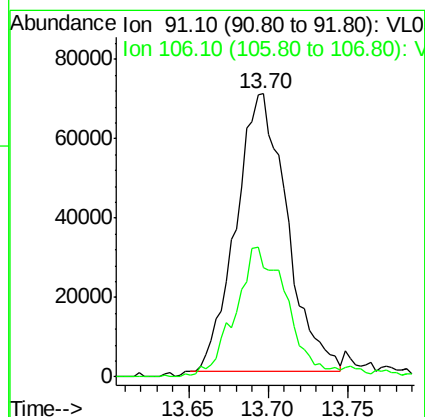
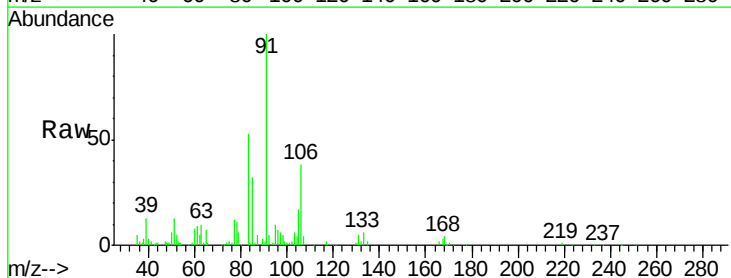
#59
m/p-Xylene
Concen: 0.385 ppbv
RT: 13.00
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 18 Oct 2021 17:33

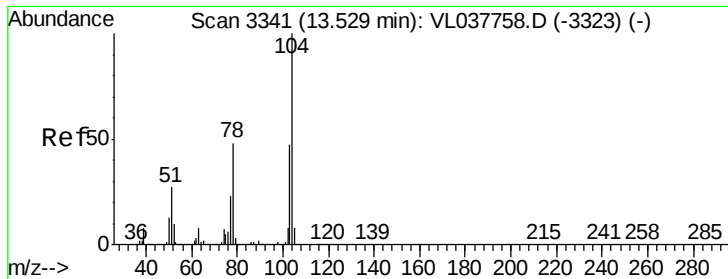
Tgt Ion: 91 Resp: 138404
Ion Ratio Lower Upper
91 100
106 109.1 36.7 55.1#



#60
o-Xylene
Concen: 0.445 ppbv
RT: 13.70 min Scan# 3393
Delta R.T. 0.00 min
Lab File: VL037856.D
Acq: 18 Oct 2021 17:33

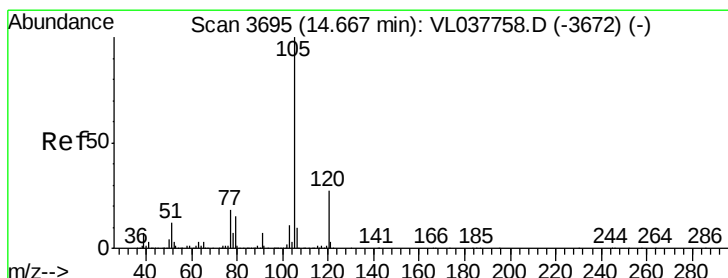
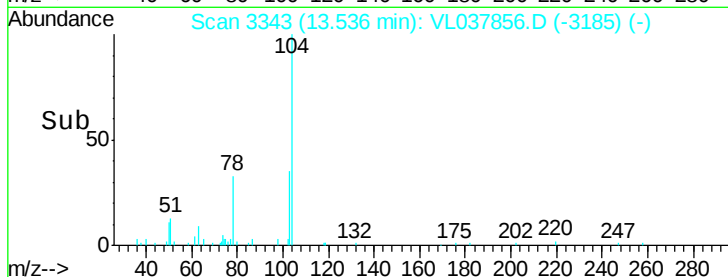
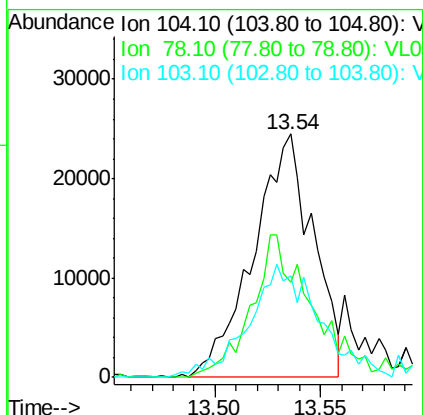
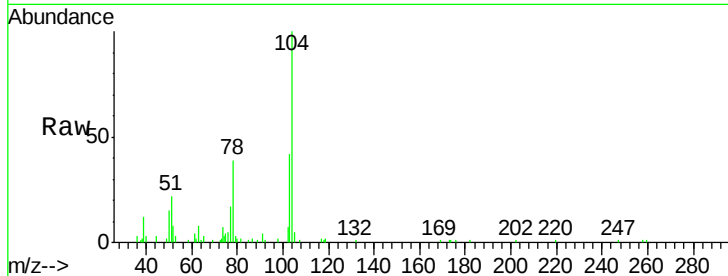
Tgt Ion: 91 Resp: 153568
Ion Ratio Lower Upper
91 100
106 50.0 23.5 70.5





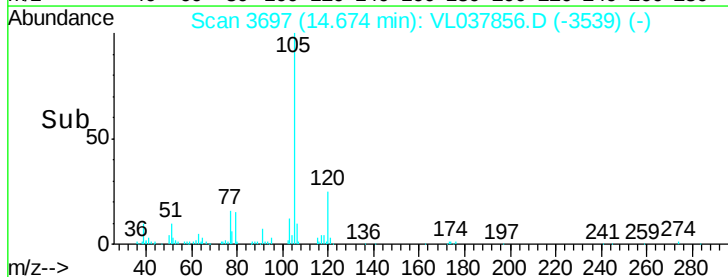
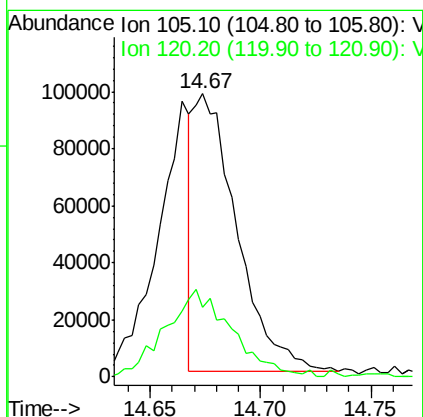
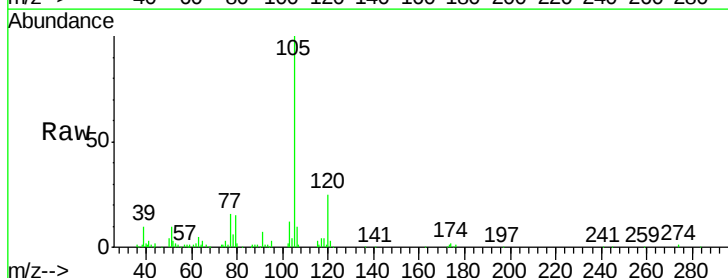
#61
Styrene
Concen: 0.289 ppbv
RT: 13.54
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 18 Oct 2021 17:33

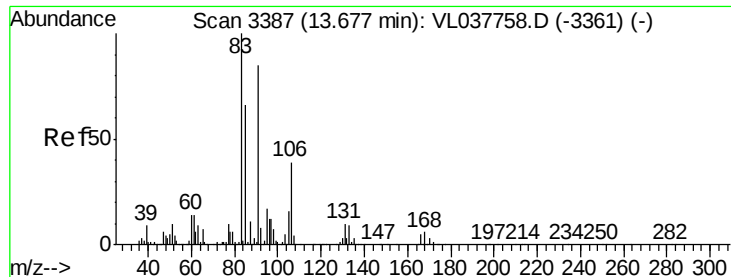
Tgt Ion	Ratio	Lower	Upper
104	100		
78	60.2	40.6	61.0
103	54.3	39.6	59.4



#62
Isopropylbenzene
Concen: 0.272 ppbv
RT: 14.67 min Scan# 3697
Delta R.T. 0.01 min
Lab File: VL037856.D
Acq: 18 Oct 2021 17:33

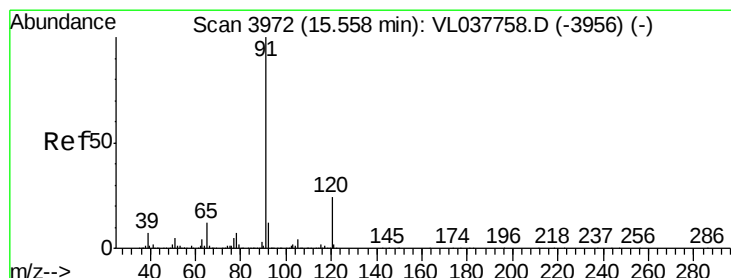
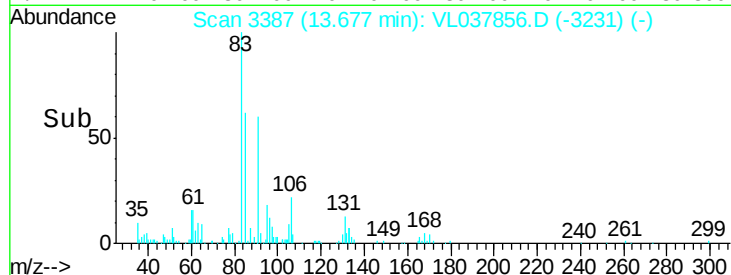
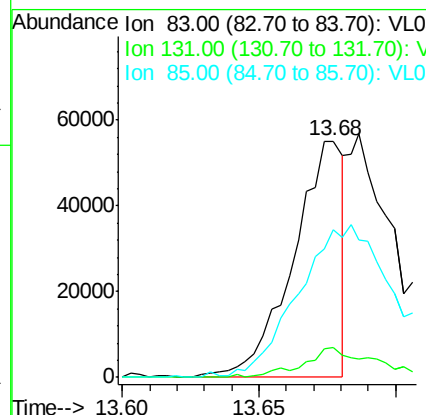
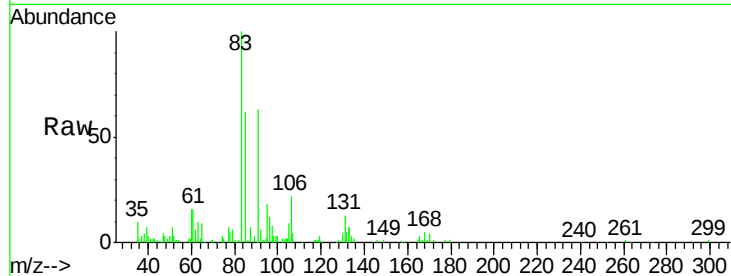
Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.7	21.3	31.9#





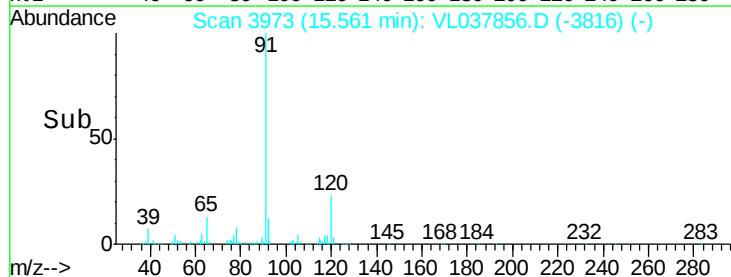
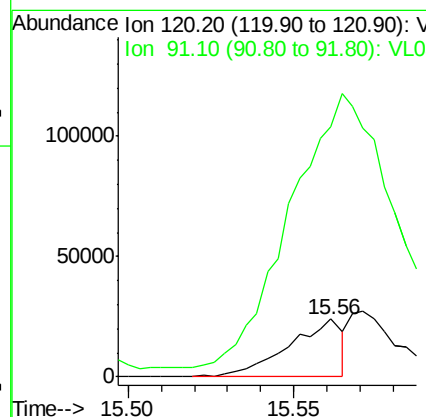
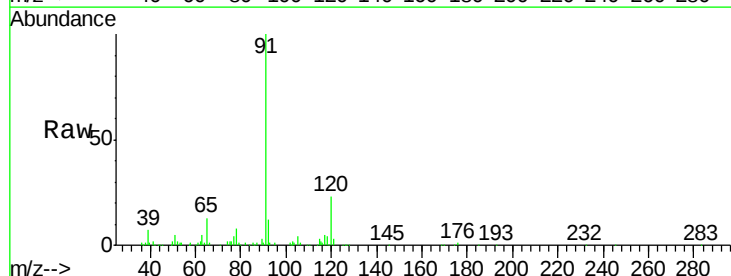
#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.264 ppbv
 RT: 13.68
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 18 Oct 2021 17:33

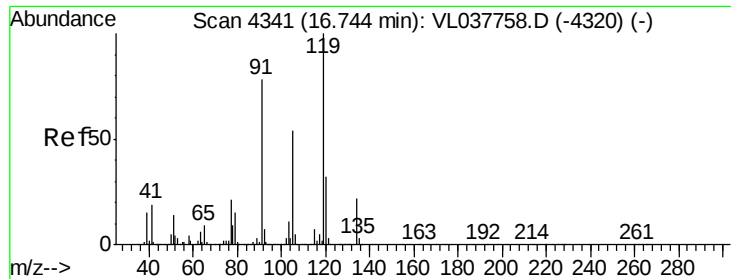
Tgt Ion: 83 Resp: 70288
 Ion Ratio Lower Upper
 83 100
 131 20.2 5.0 15.0#
 85 0.0 33.1 99.5#



#64
 n-propylbenzene
 Concen: 0.227 ppbv
 RT: 15.56 min Scan# 3973
 Delta R.T. 0.00 min
 Lab File: VL037856.D
 Acq: 18 Oct 2021 17:33

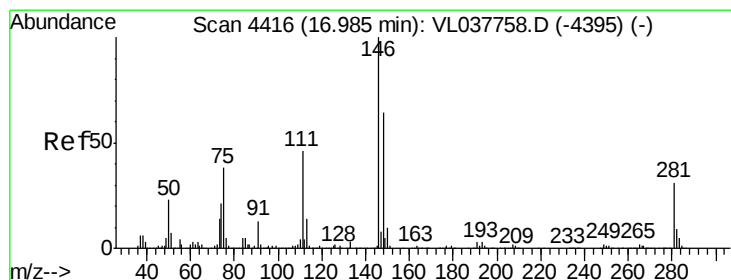
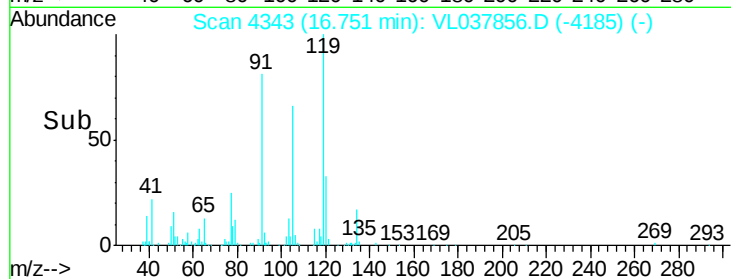
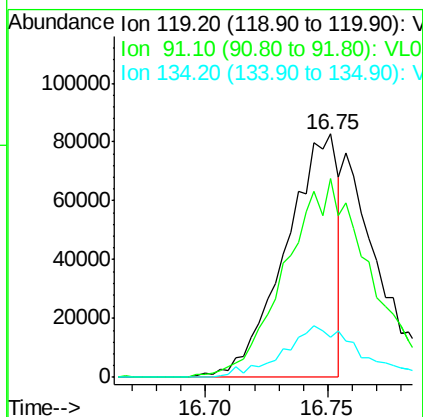
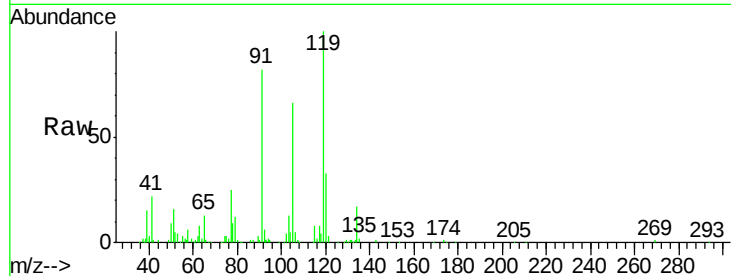
Tgt Ion: 120 Resp: 27192
 Ion Ratio Lower Upper
 120 100
 91 1075.3 375.0 562.6#





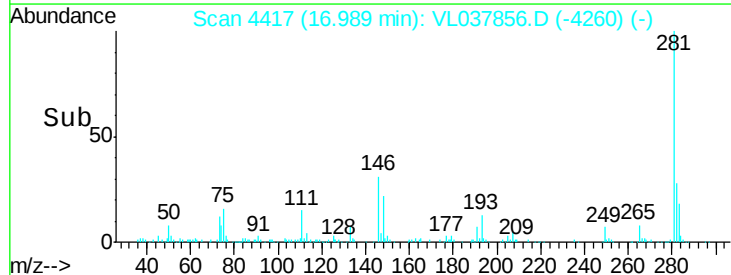
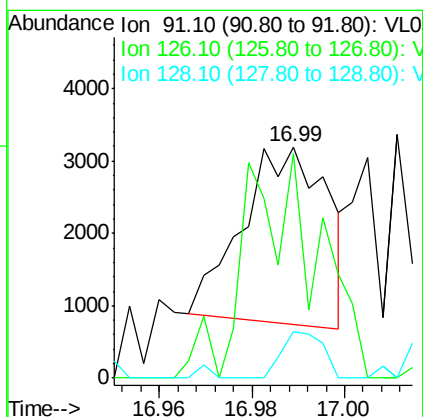
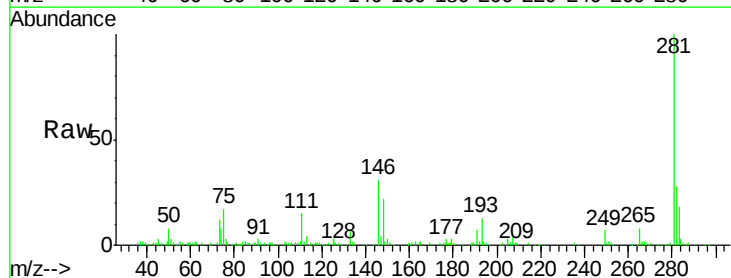
#65
 tert-Butylbenzene
 Concen: 0.290 ppbv
 RT: 16.75 min
 Delta R.T. 0.00 min
 Lab File: VL037856.D
 Acq: 18 Oct 2021 17:33

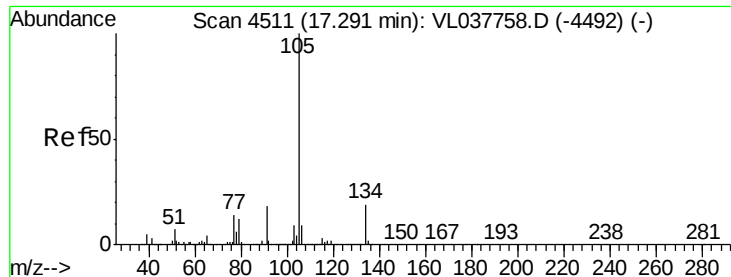
Tgt Ion: 119 Resp: 122861
 Ion Ratio Lower Upper
 119 100
 91 139.5 62.6 94.0#
 134 33.8 16.3 24.5#



#66
 Benzyl Chloride
 Concen: 0.148 ppbv
 RT: 16.99 min Scan# 4417
 Delta R.T. 0.00 min
 Lab File: VL037856.D
 Acq: 18 Oct 2021 17:33

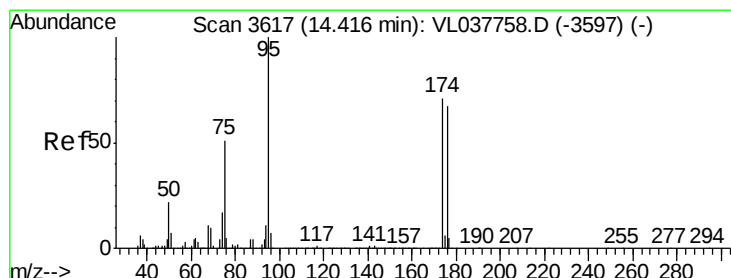
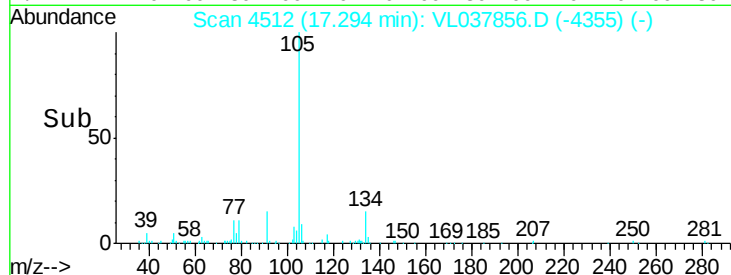
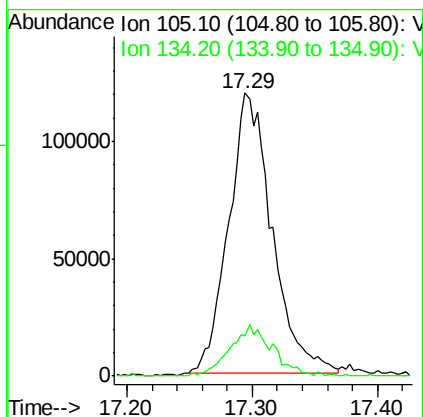
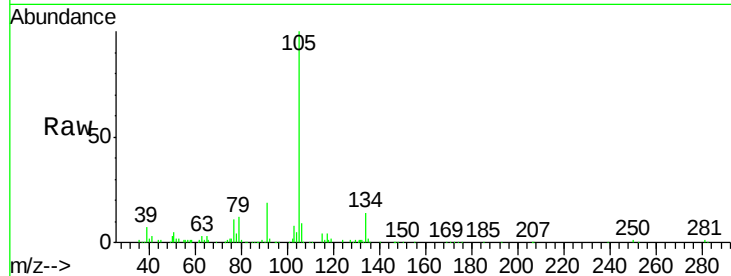
Tgt Ion: 91 Resp: 3086
 Ion Ratio Lower Upper
 91 100
 126 126.4 0.0 0.0#
 128 12.7 5.3 7.9#





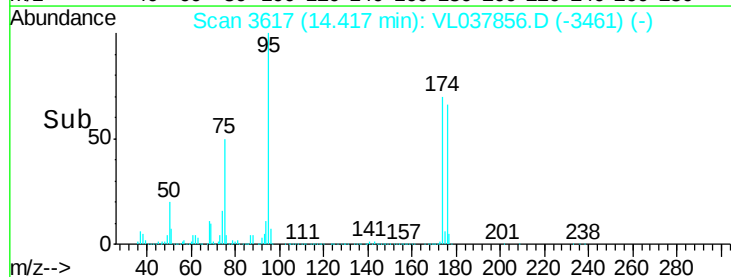
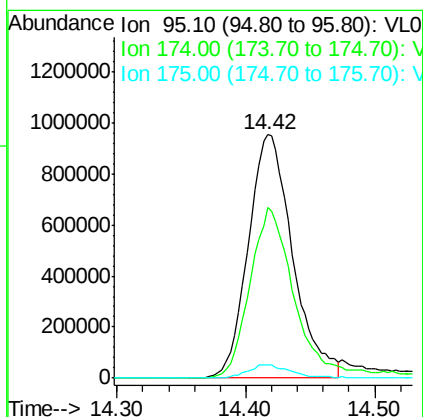
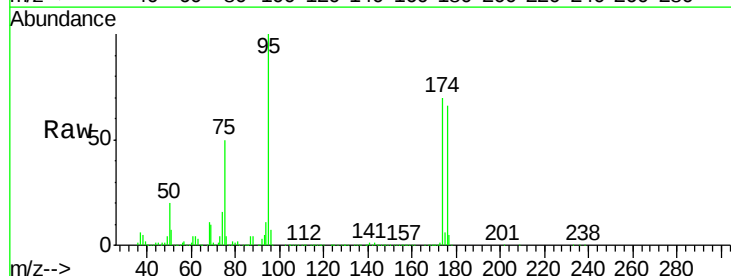
#67
 sec-Butylbenzene
 Concen: 0.498 ppbv
 RT: 17.29 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 18 Oct 2021 17:33

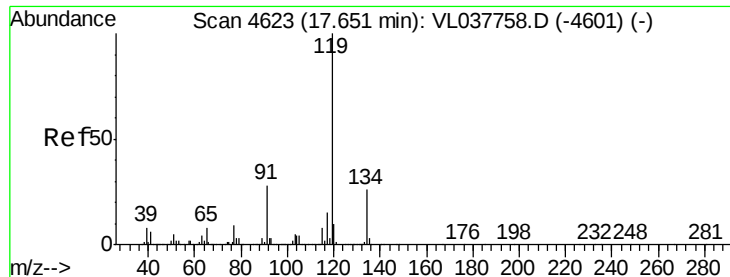
Tgt Ion: 105 Resp: 288302
 Ion Ratio Lower Upper
 105 100
 134 17.9 15.4 23.0



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.469 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T. 0.00 min
 Lab File: VL037856.D
 Acq: 18 Oct 2021 17:33

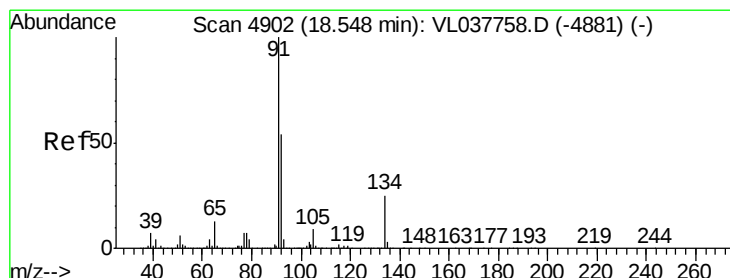
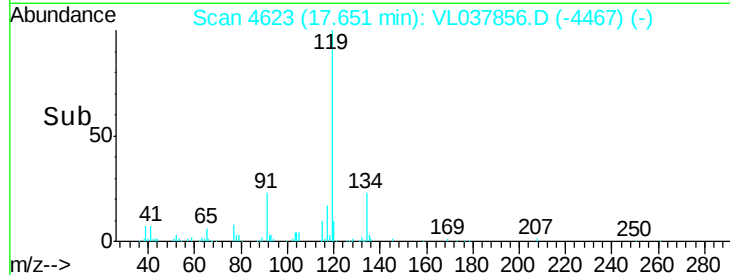
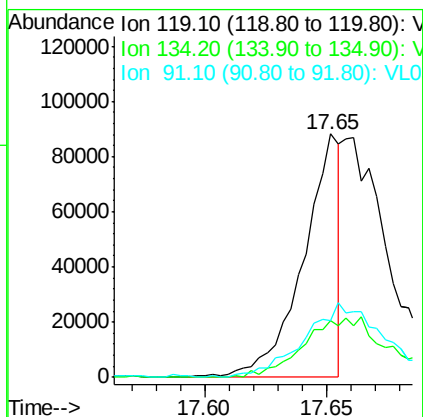
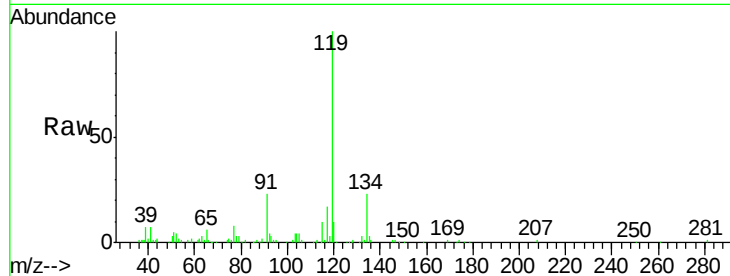
Tgt Ion: 95 Resp: 2285127
 Ion Ratio Lower Upper
 95 100
 174 74.7 57.8 86.6
 175 5.4 4.7 7.1





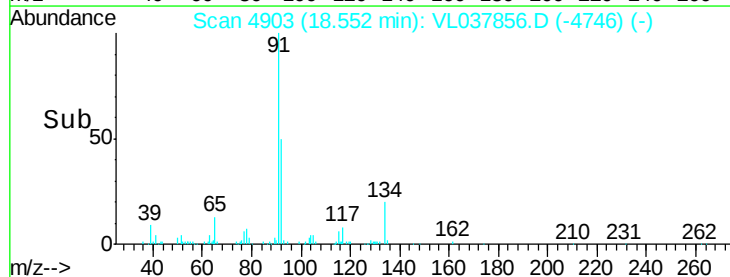
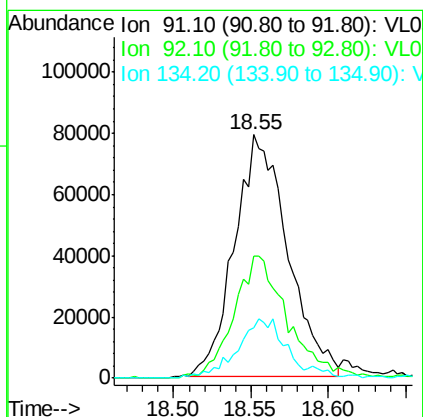
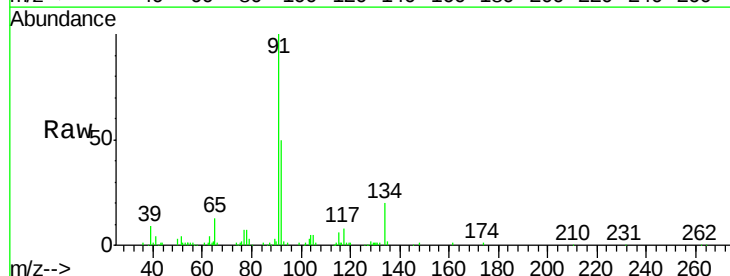
#69
 p-Isopropyltoluene
 Concen: 0.195 ppbv
 RT: 17.65 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 18 Oct 2021 17:33

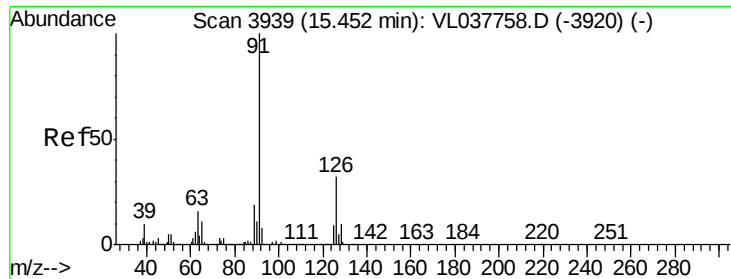
Tgt Ion	Ratio	Lower	Upper
119	100		
134	0.0	21.2	31.8#
91	70.3	22.2	33.4#



#70
 n-Butylbenzene
 Concen: 0.423 ppbv
 RT: 18.55 min Scan# 4903
 Delta R.T. 0.00 min
 Lab File: VL037856.D
 Acq: 18 Oct 2021 17:33

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.4	43.4	65.0
134	23.5	19.8	29.6





#71

2-Chlorotoluene

Concen: 0.251 ppbv

RT: 15.46

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

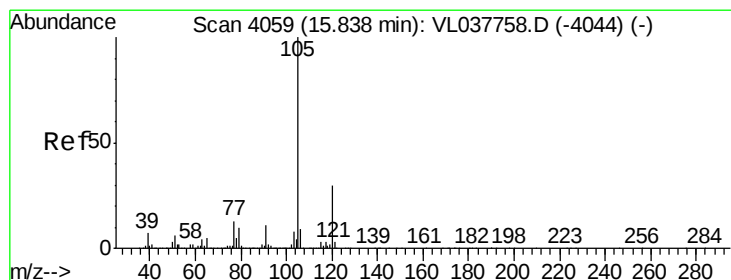
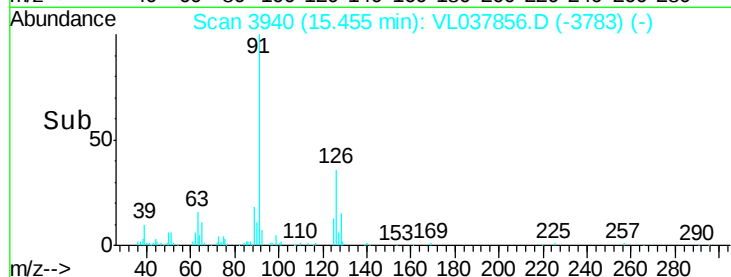
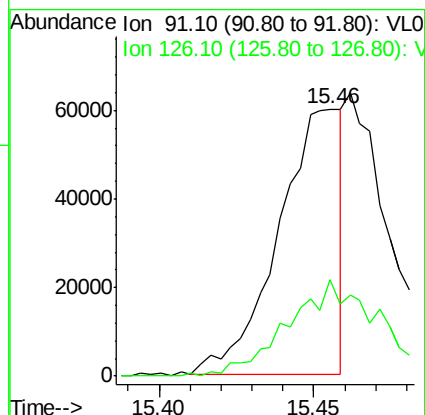
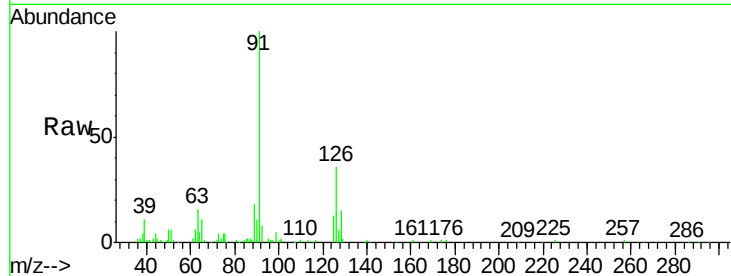
Acq: 18 Oct 2021 17:33

Tgt Ion: 91 Resp: 85080

Ion Ratio Lower Upper

91 100

126 56.5 13.6 54.6#



#72

4-Ethyltoluene

Concen: 0.262 ppbv

RT: 15.84 min Scan# 4060

Delta R.T. 0.00 min

Lab File: VL037856.D

Acq: 18 Oct 2021 17:33

Tgt Ion: 105 Resp: 102599

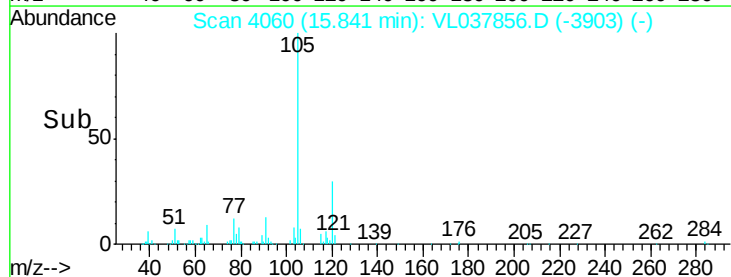
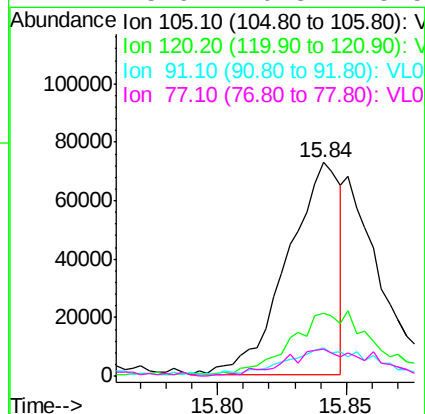
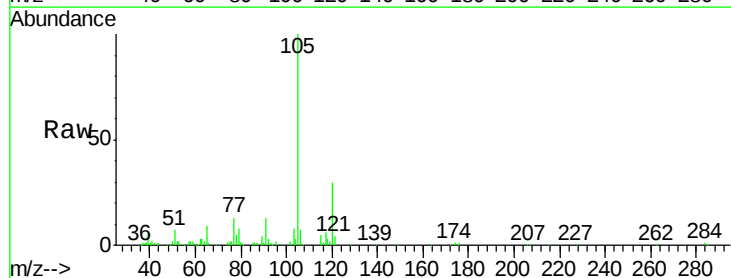
Ion Ratio Lower Upper

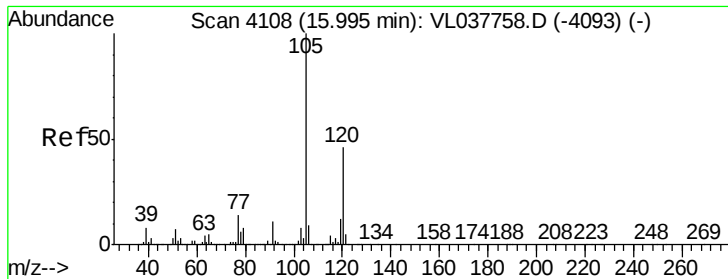
105 100

120 0.0 24.2 36.2#

91 27.4 10.4 15.6#

77 23.9 10.3 15.5#





#73

1,3,5-Trimethylbenzene

Concen: 0.372 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

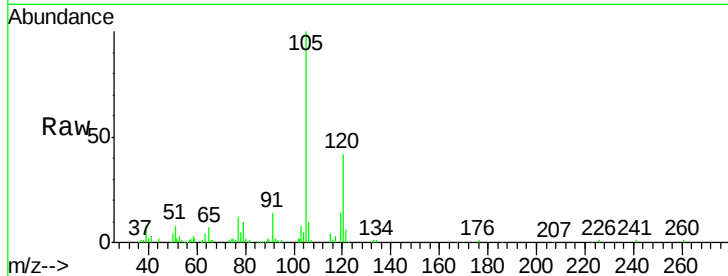
Acq: 18 Oct 2021 17:33

Tgt Ion:105 Resp: 132418

Ion Ratio Lower Upper

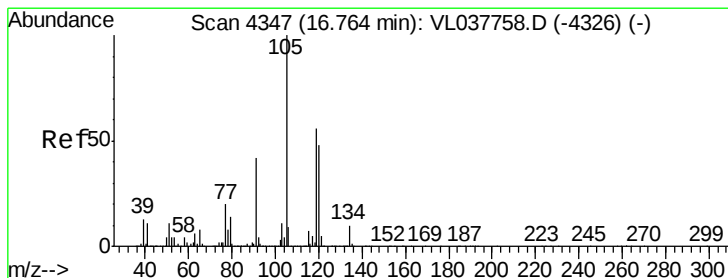
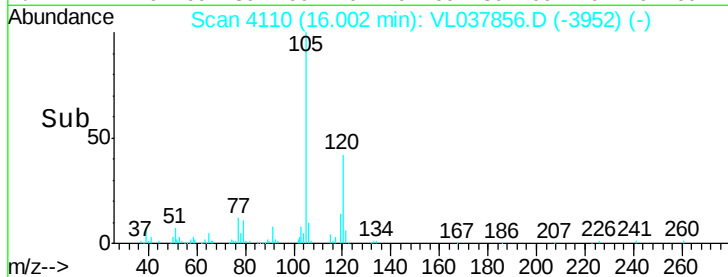
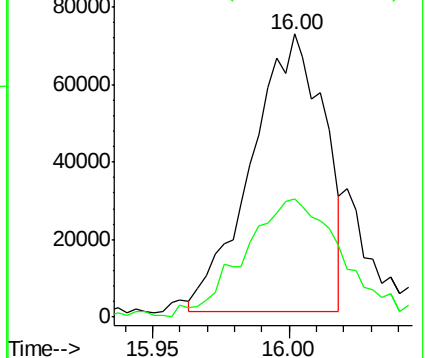
105 100

120 40.6 36.6 54.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 0.494 ppbv

RT: 16.76 min Scan# 4347

Delta R.T. 0.00 min

Lab File: VL037856.D

Acq: 18 Oct 2021 17:33

Tgt Ion:105 Resp: 184316

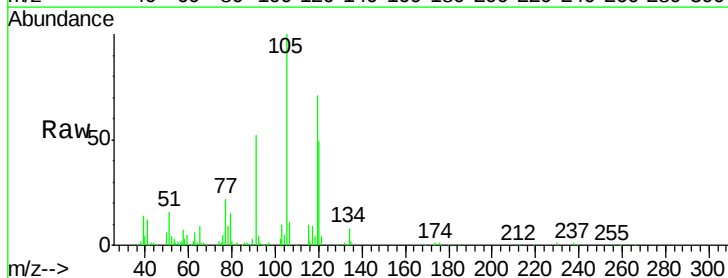
Ion Ratio Lower Upper

105 100

120 48.2 38.4 57.6

91 48.7 34.2 51.2

77 20.3 15.8 23.8

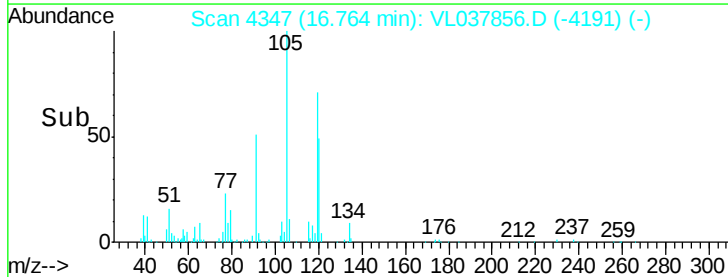
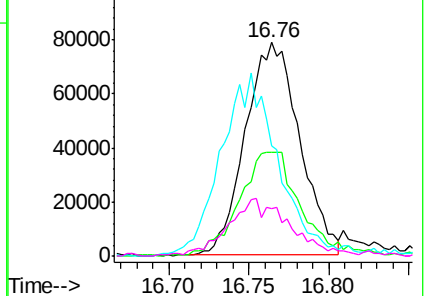


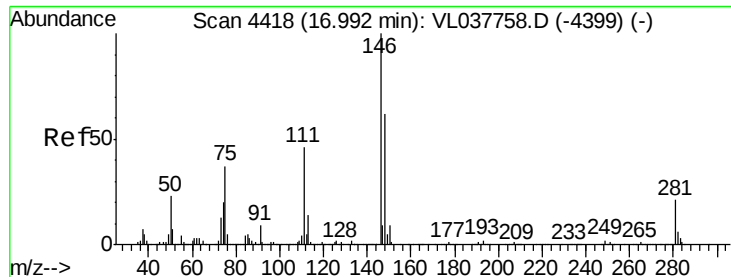
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





#75

1,3-Dichlorobenzene

Concen: 0.223 ppbv

RT: 16.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 17:33

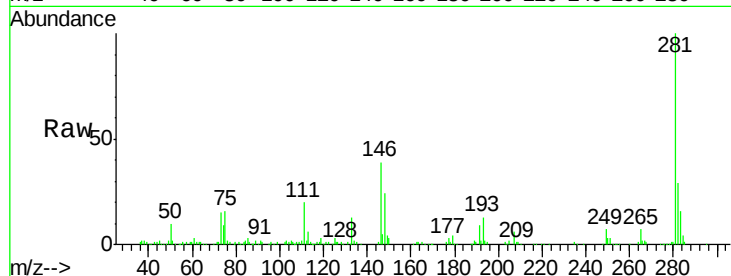
Tgt Ion:146 Resp: 51680

Ion Ratio Lower Upper

146 100

111 118.5 22.8 68.4#

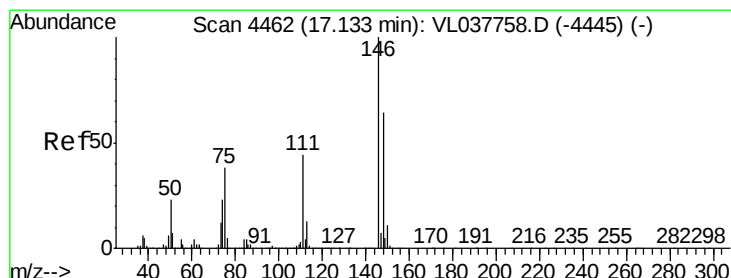
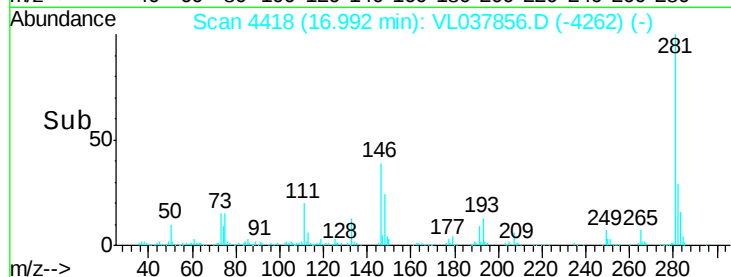
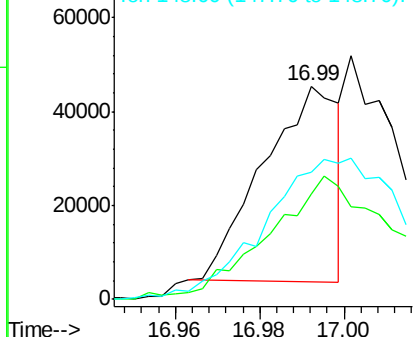
148 0.0 32.8 98.3#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 0.466 ppbv

RT: 17.14 min Scan# 4463

Delta R.T. 0.00 min

Lab File: VL037856.D

Acq: 18 Oct 2021 17:33

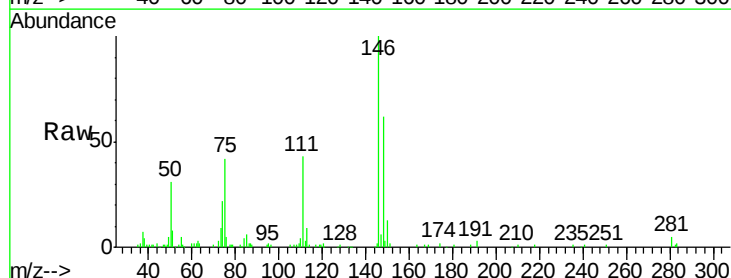
Tgt Ion:146 Resp: 102751

Ion Ratio Lower Upper

146 100

111 52.1 22.4 67.3

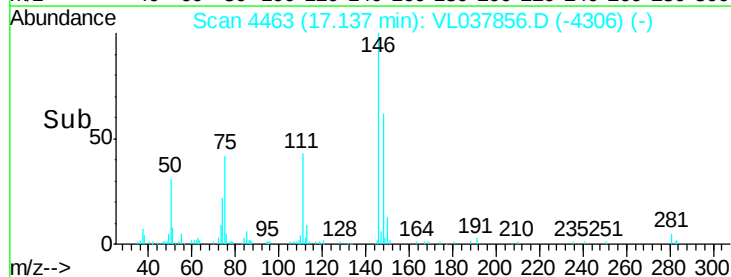
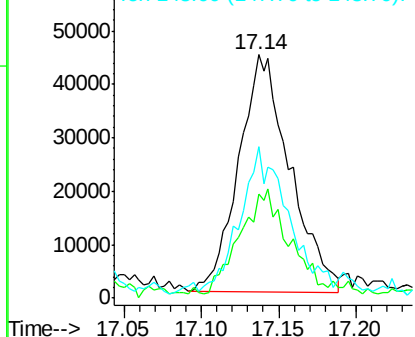
148 72.3 33.3 99.9

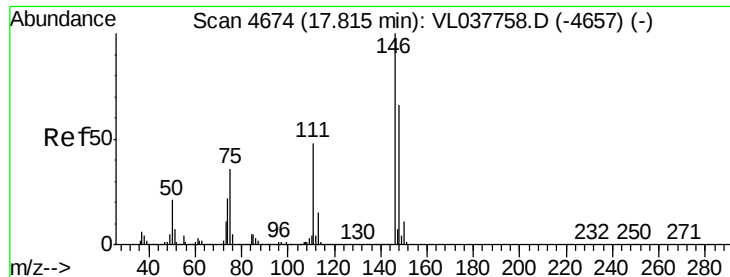


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

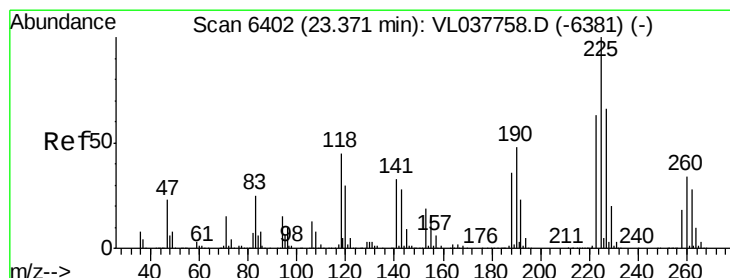
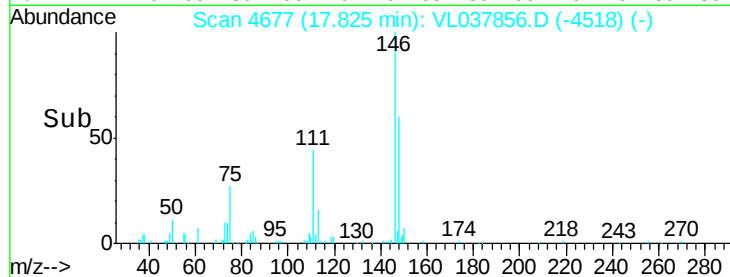
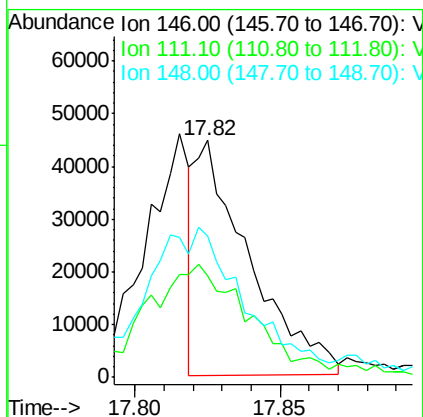
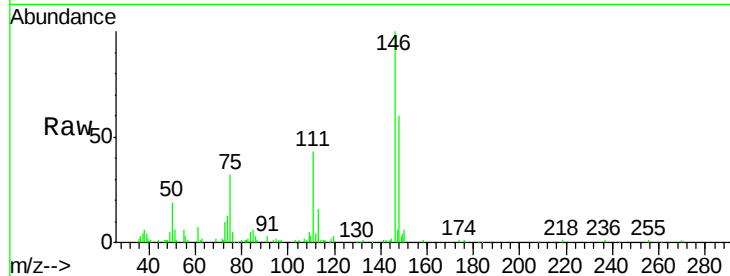
Ion 148.00 (147.70 to 148.70): V





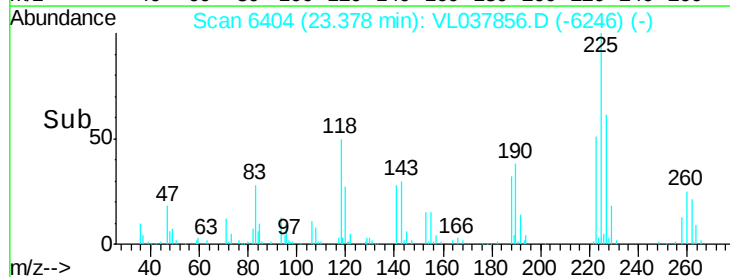
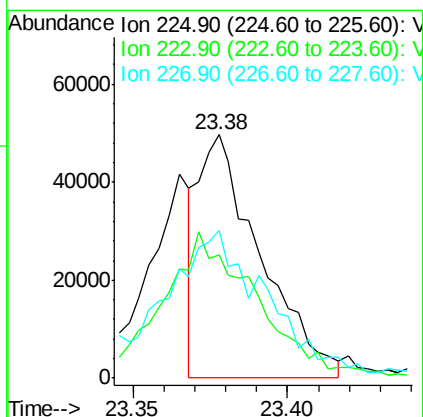
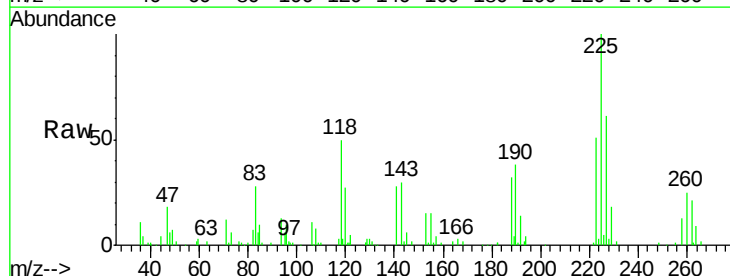
#77
 1,2-Dichlorobenzene
 Concen: 0.261 ppbv
 RT: 17.82 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 18 Oct 2021 17:33

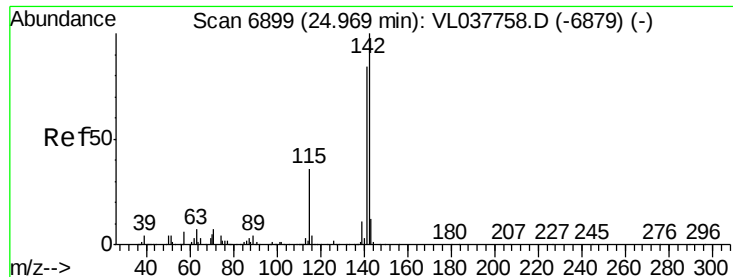
Tgt Ion:146 Resp: 58040
 Ion Ratio Lower Upper
 146 100
 111 98.2 23.6 70.8#
 148 130.8 32.9 98.6#



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.379 ppbv
 RT: 23.38 min Scan# 6404
 Delta R.T. 0.01 min
 Lab File: VL037856.D
 Acq: 18 Oct 2021 17:33

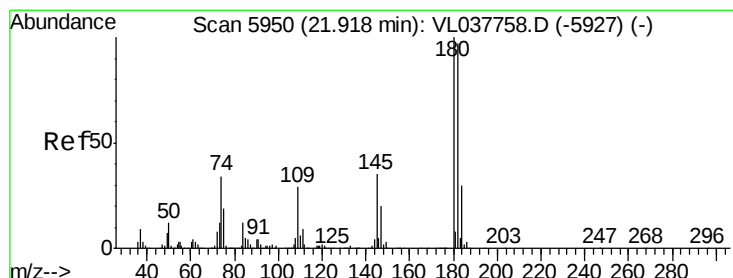
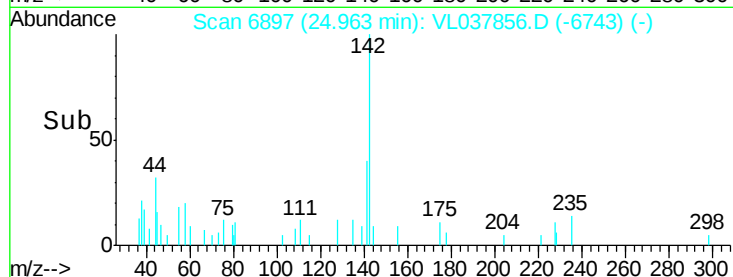
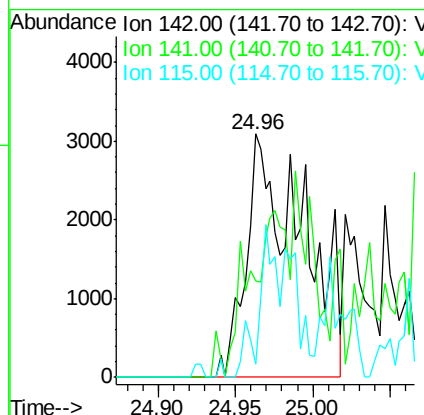
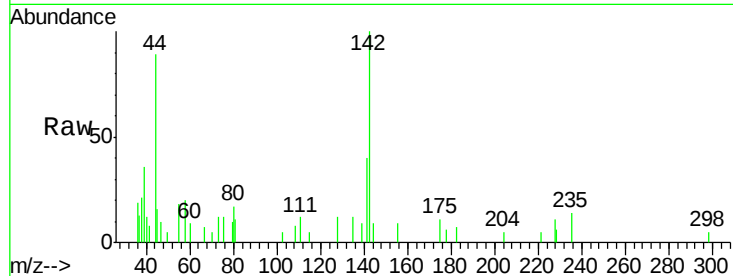
Tgt Ion:225 Resp: 68727
 Ion Ratio Lower Upper
 225 100
 223 0.0 51.2 76.8#
 227 109.3 51.1 76.7#





#80
 Naphthalene, 2-methyl-
 Concen: 0.126 ppbv
 RT: 24.96 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 18 Oct 2021 17:33

Tgt Ion: 142 Resp: 7736
 Ion Ratio Lower Upper
 142 100
 141 76.6 68.6 102.8
 115 41.9 29.0 43.6



#81
 1,2,4-Trichlorobenzene
 Concen: 0.121 ppbv
 RT: 21.93 min Scan# 5953
 Delta R.T. 0.01 min
 Lab File: VL037856.D
 Acq: 18 Oct 2021 17:33

Tgt Ion: 180 Resp: 17757
 Ion Ratio Lower Upper
 180 100
 182 332.1 77.6 116.4#
 184 106.7 25.0 37.4#

