

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101821\
 Data File : VL037858.D
 Acq On : 18 Oct 2021 18:47
 Operator : SY/AP
 Sample : M4068-13 0.45 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2021

Quant Time: Oct 19 08:34:11 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	1264482	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3712690	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3113922	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2276999	10.46	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	3.05	85	130844	0.648 ppbv	100
3) Chlorodifluoromethane	2.99	51	126316	0.520 ppbv	100
4) Chloromethane	3.14	50	48585	0.546 ppbv #	88
5) Vinyl Chloride	3.26	62	41312	0.506 ppbv	92
6) Bromomethane	3.48	94	18861	0.427 ppbv	92
7) Chloroethane	3.56	64	4490	0.150 ppbv #	74
8) Dichlorotetrafluoroethane	3.19	85	111011	0.556 ppbv	99
9) Propene	3.33	41	2086	0.023 ppbv	95
10) Heptane	8.13	43	78990	0.389 ppbv	95
11) Trichlorofluoromethane	3.95	101	91257	0.506 ppbv	94
12) 1,1,2-Trichlorotrifluoroet	4.49	101	44122	0.323 ppbv #	39
13) Ethanol	3.61	45	1120	0.153 ppbv #	1
14) Bromoethene	3.75	108	15404	0.257 ppbv #	1
15) Acetone	3.88	43	43677	0.385 ppbv #	51
16) 1,3-Butadiene	3.33	39	16775	0.203 ppbv #	11
17) tert-Butyl alcohol	4.32	59	39425	0.337 ppbv #	71
18) 1,1-Dichloroethene	4.29	96	32278	0.520 ppbv	86
20) Methylene Chloride	4.35	84	32163	0.561 ppbv #	83
21) Allyl Chloride	4.42	41	40612	0.404 ppbv #	79
22) trans-1,2-Dichloroethene	4.89	96	28869	0.463 ppbv	91
23) Vinyl Acetate	5.09	43	29369	0.173 ppbv #	91
24) 1,1-Dichloroethane	5.01	63	33649	0.272 ppbv #	94
25) Ethyl Acetate	5.69	43	137649	0.432 ppbv #	94
26) Hexane	5.69	57	48839	0.311 ppbv #	36
27) Carbon Disulfide	4.56	76	56814	0.409 ppbv #	86
28) Methyl tert-Butyl Ether	5.05	73	59041	0.452 ppbv	98
29) Chloroform	5.75	83	115097	0.513 ppbv	99
30) Cyclohexane	7.14	84	32351	0.243 ppbv #	77
31) cis-1,2-Dichloroethene	5.55	61	28369	0.199 ppbv	95
32) 1,1,1-Trichloroethane	6.51	97	66282	0.312 ppbv #	59
34) 2-Butanone	5.26	43	20605	0.137 ppbv #	53
35) Carbon Tetrachloride	7.02	117	93322	0.443 ppbv	85
36) Benzene	6.89	78	73836	0.233 ppbv	98
37) 1,2-Dichloroethane	6.31	62	73046	0.489 ppbv	96
38) Trichloroethene	7.83	130	26734	0.213 ppbv #	89
39) 1,2-Dichloropropane	7.63	63	9656	0.081 ppbv	92
41) Tetrahydrofuran	6.07	42	2918	0.040 ppbv #	36
42) Bromodichloromethane	7.79	83	54724	0.250 ppbv	99
43) Methyl Methacrylate	8.02	69	18692	0.180 ppbv #	1
44) 2,2,4-Trimethylpentane	7.87	57	230769	0.433 ppbv	94
45) t-1,3-Dichloropropene	9.28	75	7563	0.106 ppbv	96

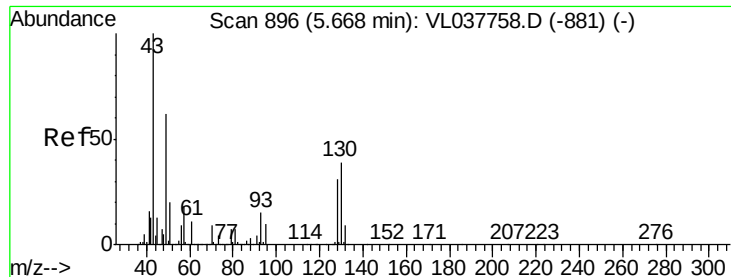
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101821\
 Data File : VL037858.D
 Acq On : 18 Oct 2021 18:47
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Quant Time: Oct 19 08:34:11 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
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 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

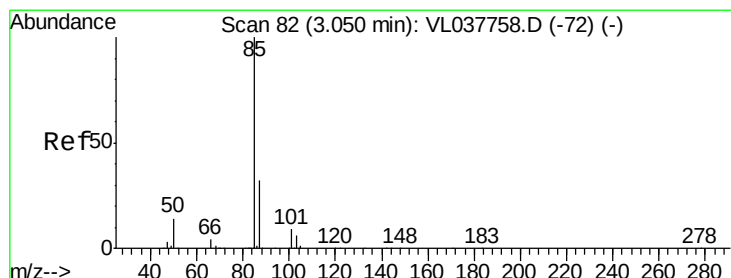
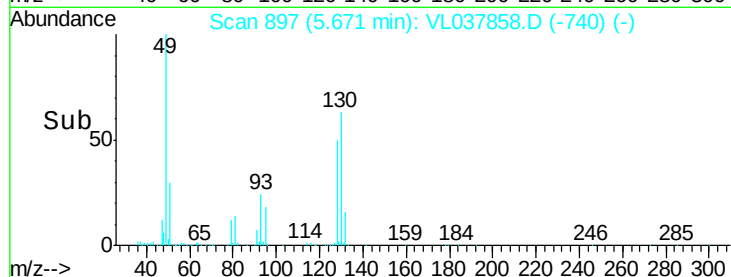
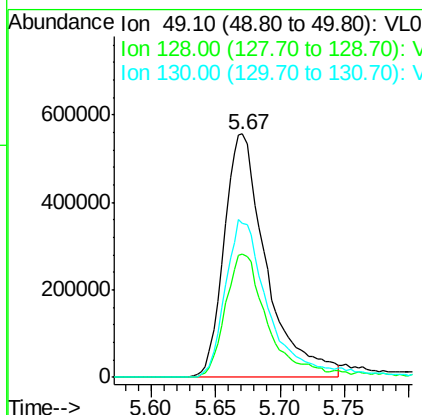
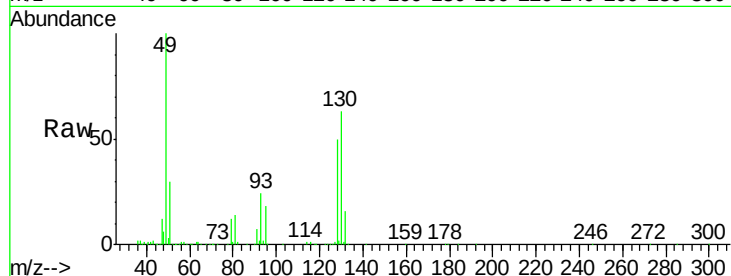
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.70	75	27853	0.282	ppbv #	86
47) 1,1,2-Trichloroethane	9.47	97	35801	0.276	ppbv #	82
48) Dibromochloromethane	10.30	129	38609	0.209	ppbv #	18
49) Bromoform	13.05	173	13811	0.098	ppbv #	1
52) Tetrachloroethene	11.22	164	28612	0.232	ppbv #	73
53) Toluene	9.81	91	118256	0.336	ppbv	97
54) 1,2-Dibromoethane	10.61	107	35873	0.205	ppbv	85
56) 1,1,1,2-Tetrachloroethane	12.12	131	39822	0.309	ppbv #	1
57) Chlorobenzene	12.14	112	30260	0.118	ppbv #	28
58) Ethyl Benzene	12.72	91	152078	0.364	ppbv	95
59) m/p-Xylene	13.00	91	97619	0.272	ppbv #	1
60) o-Xylene	13.69	91	138291	0.402	ppbv	96
61) Styrene	13.53	104	24244	0.146	ppbv #	28
62) Isopropylbenzene	14.67	105	215826	0.450	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	71310	0.269	ppbv #	31
64) n-propylbenzene	15.56	120	24188	0.202	ppbv #	1
65) tert-Butylbenzene	16.75	119	181754	0.430	ppbv	94
66) Benzyl Chloride	16.97	91	985	0.047	ppbv #	81
67) sec-Butylbenzene	17.30	105	263501	0.456	ppbv	99
69) p-Isopropyltoluene	17.65	119	98386	0.211	ppbv #	48
70) n-Butylbenzene	18.55	91	82796	0.187	ppbv #	34
71) 2-Chlorotoluene	15.46	91	135333	0.399	ppbv	99
72) 4-Ethyltoluene	15.84	105	141623	0.363	ppbv #	93
73) 1,3,5-Trimethylbenzene	16.00	105	118957	0.335	ppbv	92
74) 1,2,4-Trimethylbenzene	16.76	105	93829	0.252	ppbv	98
75) 1,3-Dichlorobenzene	17.00	146	79420	0.344	ppbv #	48
76) 1,4-Dichlorobenzene	17.12	146	29073	0.132	ppbv #	23
77) 1,2-Dichlorobenzene	17.82	146	93230	0.420	ppbv	87
78) Hexachloro-1,3-Butadiene	23.36	225	38879	0.215	ppbv #	18
79) Naphthalene	22.18	128	14861	0.065	ppbv #	88
81) 1,2,4-Trichlorobenzene	21.92	180	23723	0.163	ppbv #	12

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



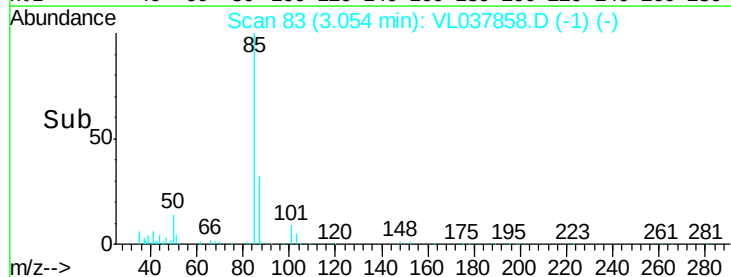
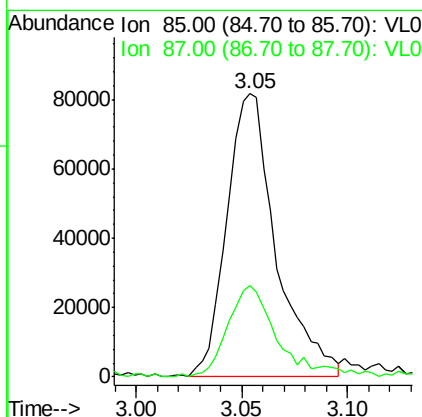
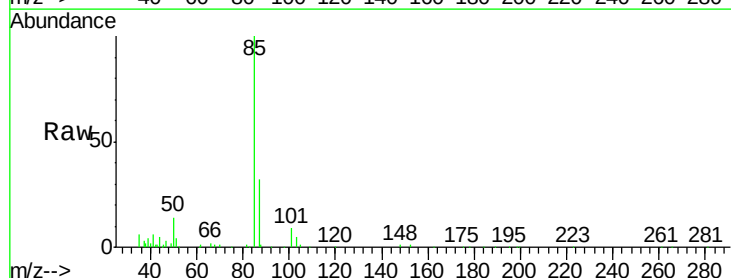
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67
 Instrument: MSVOA_1
 Delta R.T.:
 ClientSampleId:
 Lab File: LOD-MDL-AIR-01-OT4-2021
 Acq: 18 Oct 2021 18:47

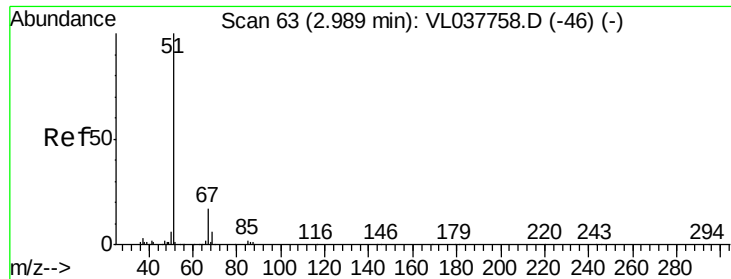
Tgt Ion: 49 Resp: 1264482
 Ion Ratio Lower Upper
 49 100
 128 53.8 27.1 81.3
 130 68.5 33.2 99.6



#2
 Dichlorodifluoromethane
 Concen: 0.648 ppbv
 RT: 3.05 min Scan# 83
 Delta R.T.: 0.00 min
 Lab File: VL037858.D
 Acq: 18 Oct 2021 18:47

Tgt Ion: 85 Resp: 130844
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.7 38.5





#3

Chlorodifluoromethane

Concen: 0.520 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

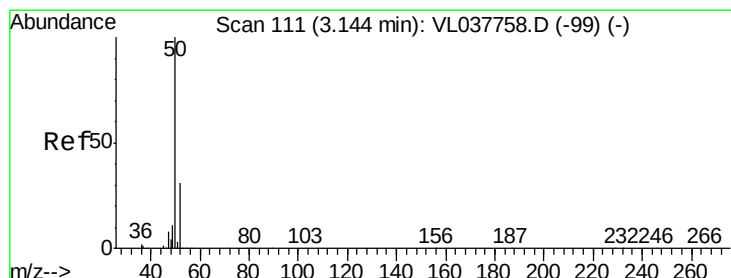
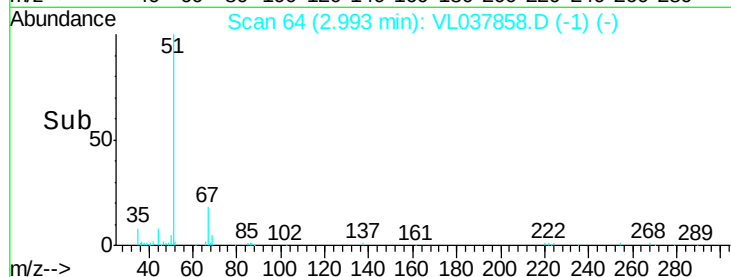
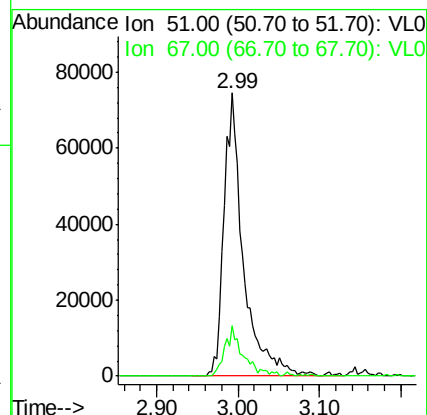
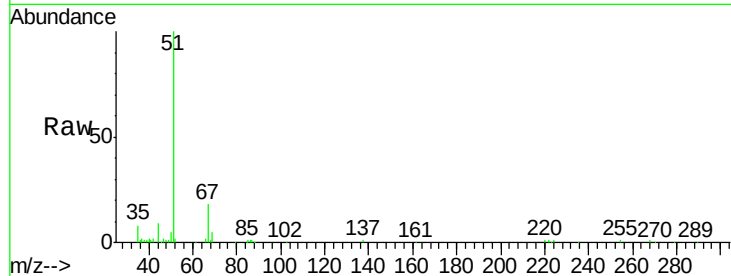
Acq: 18 Oct 2021 18:47 LOD-MDL-AIR-01-QT4-2021

Tgt Ion: 51 Resp: 126316

Ion Ratio Lower Upper

51 100

67 16.9 13.5 20.3



#4

Chloromethane

Concen: 0.546 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL037858.D

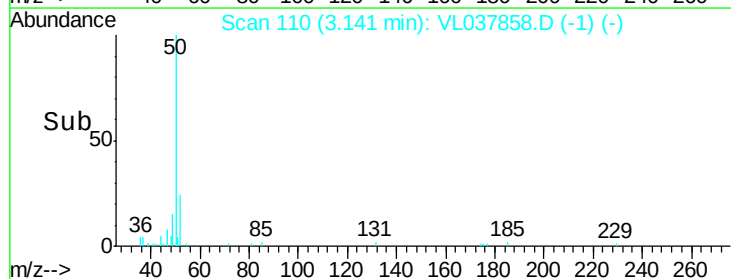
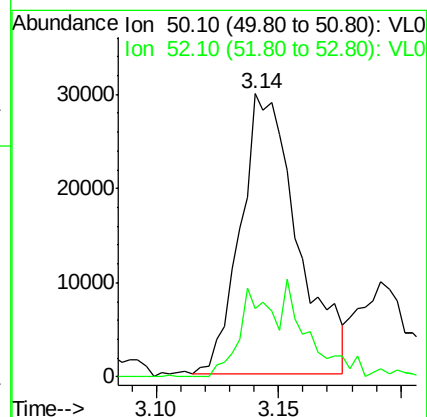
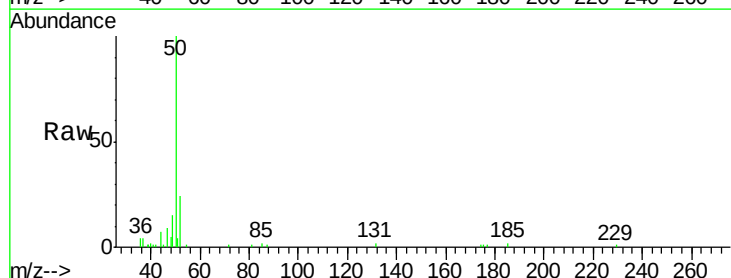
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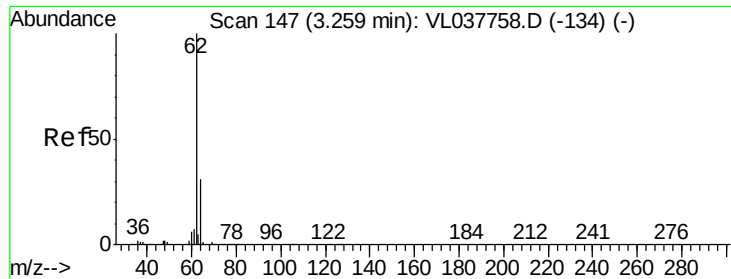
Tgt Ion: 50 Resp: 48585

Ion Ratio Lower Upper

50 100

52 24.2 24.4 36.6#





#5

Vinyl Chloride

Concen: 0.506 ppbv

RT: 3.26 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: LOD-MDL-AIR-01-QT4-2021

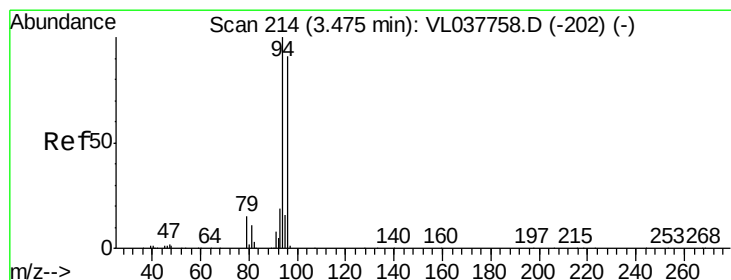
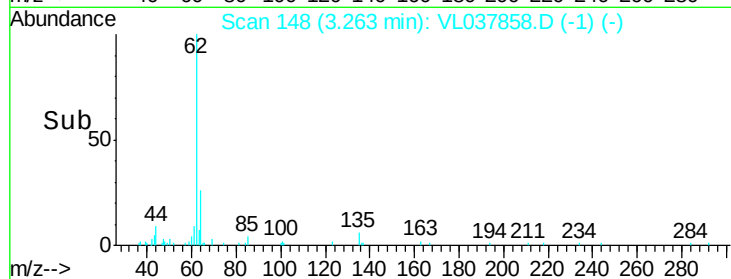
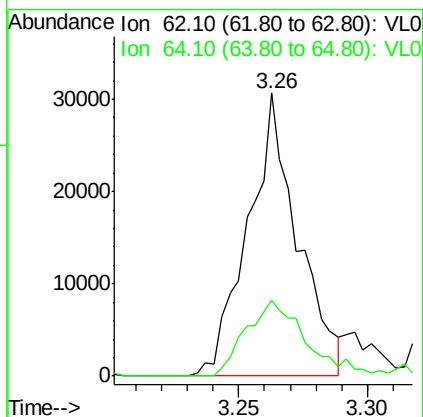
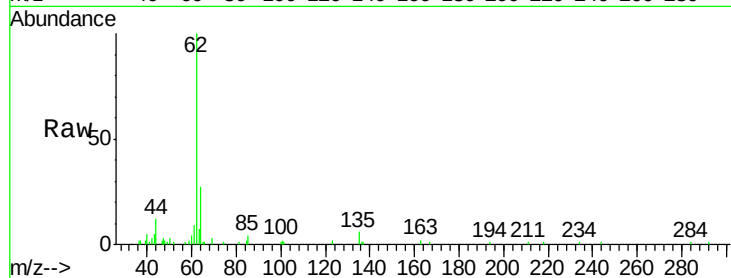
Acq: 18 Oct 2021 18:47

Tgt Ion: 62 Resp: 41312

Ion Ratio Lower Upper

62 100

64 26.9 24.9 37.3



#6

Bromomethane

Concen: 0.427 ppbv

RT: 3.48 min Scan# 215

Delta R.T. 0.00 min

Lab File: VL037858.D

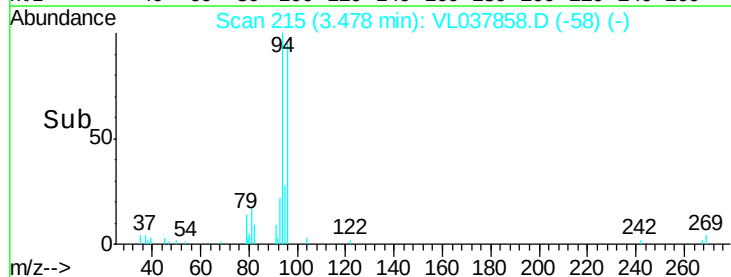
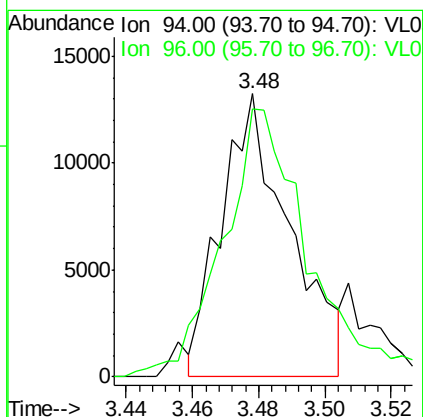
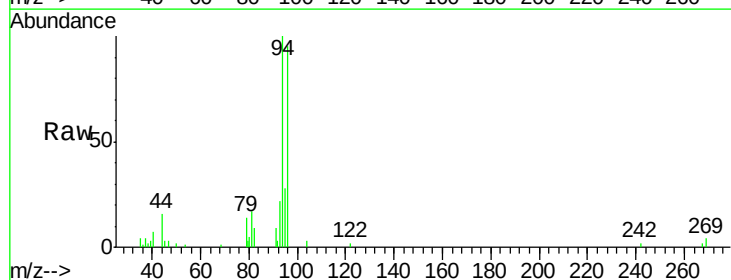
Acq: 18 Oct 2021 18:47

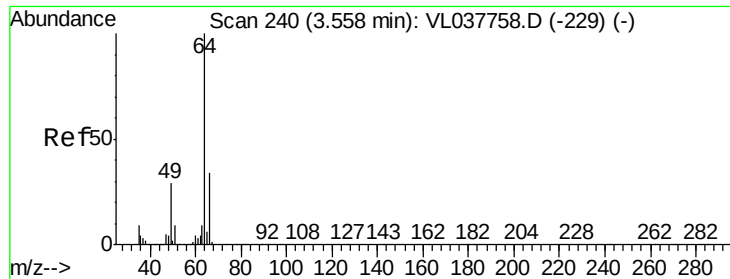
Tgt Ion: 94 Resp: 18861

Ion Ratio Lower Upper

94 100

96 82.9 72.5 108.7





#7

Chloroethane

Concen: 0.150 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

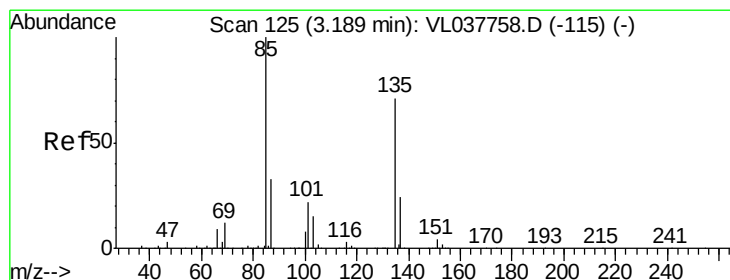
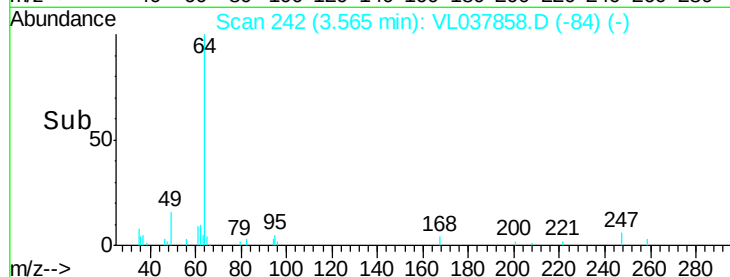
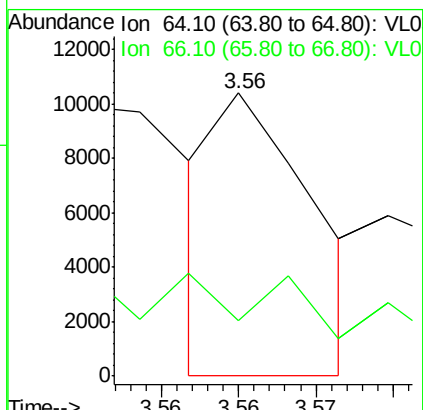
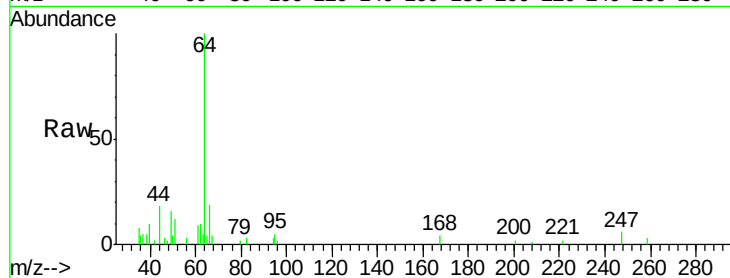
Acq: 18 Oct 2021 18:47

Tgt Ion: 64 Resp: 4490

Ion Ratio Lower Upper

64 100

66 19.5 27.5 41.3#



#8

Dichlorotetrafluoroethane

Concen: 0.556 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.00 min

Lab File: VL037858.D

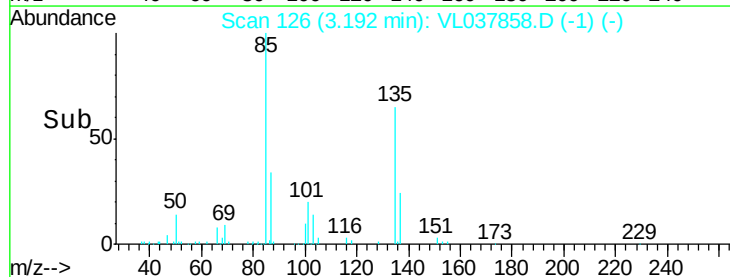
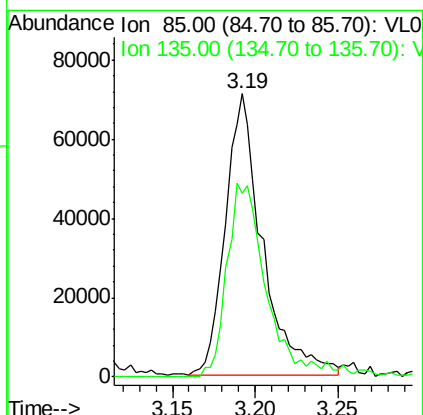
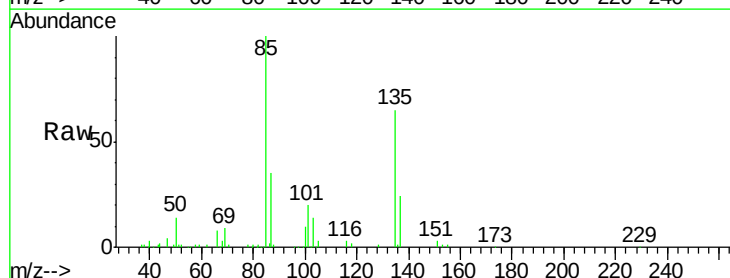
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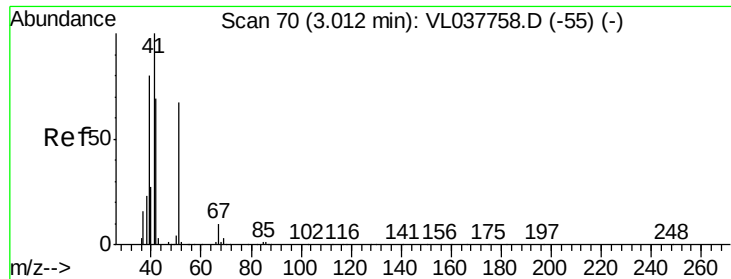
Tgt Ion: 85 Resp: 111011

Ion Ratio Lower Upper

85 100

135 75.1 59.5 89.3





#9

Propene

Concen: 0.023 ppbv

RT: 3.33 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

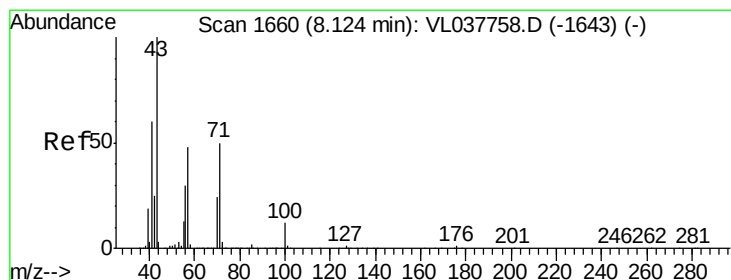
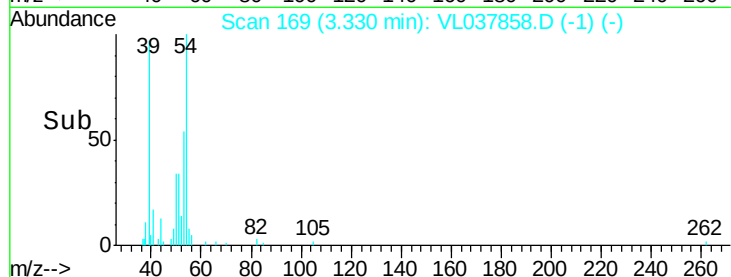
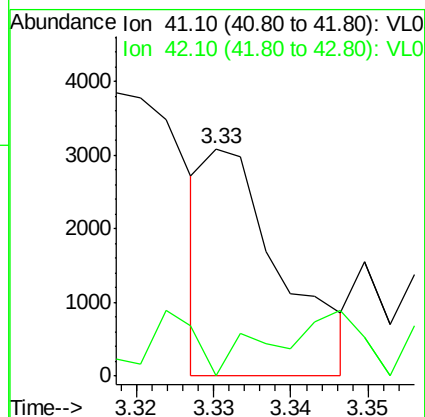
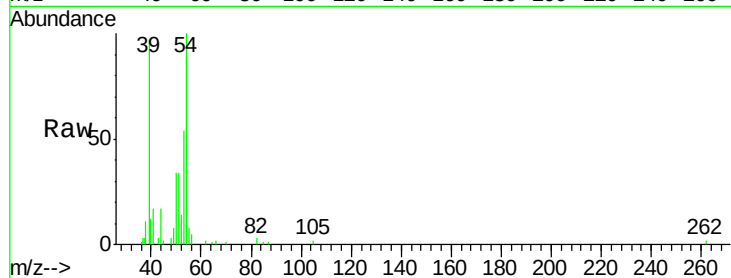
Acq: 18 Oct 2021 18:47 LOD-MDL-AIR-01-QT4-2021

Tgt Ion: 41 Resp: 2086

Ion Ratio Lower Upper

41 100

42 63.8 54.2 81.2



#10

Heptane

Concen: 0.389 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VL037858.D

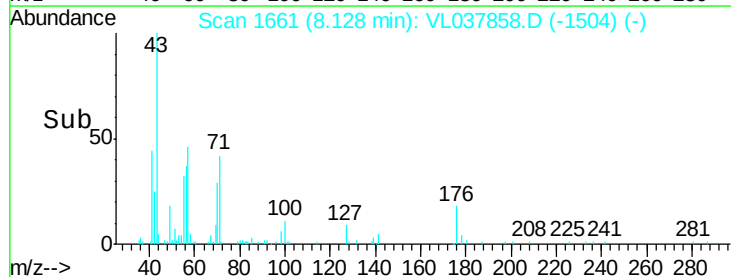
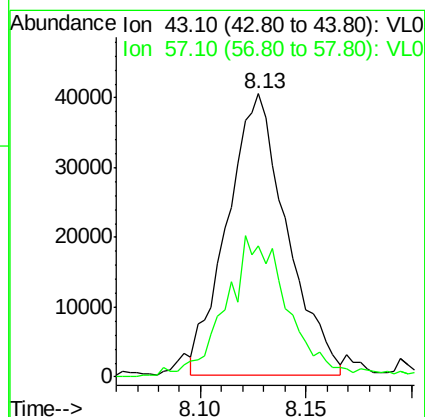
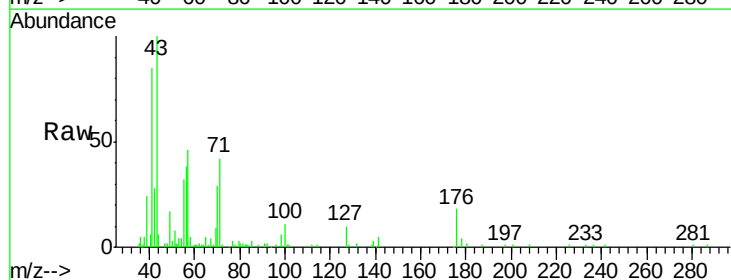
Acq: 18 Oct 2021 18:47

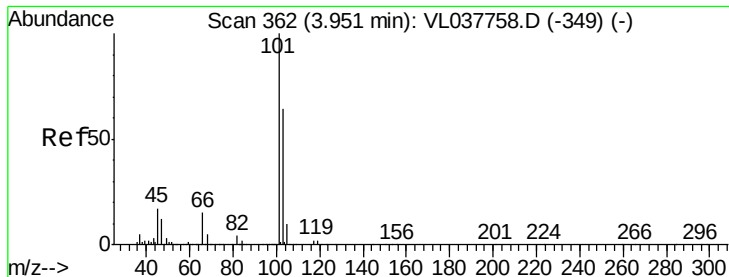
Tgt Ion: 43 Resp: 78990

Ion Ratio Lower Upper

43 100

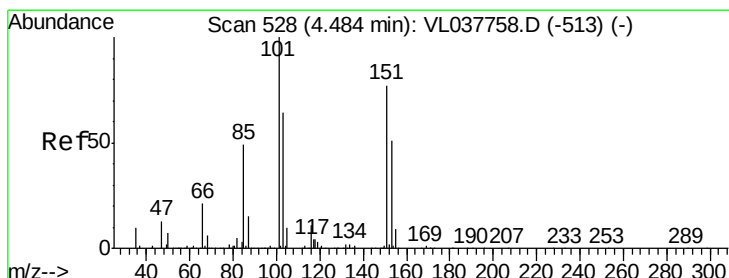
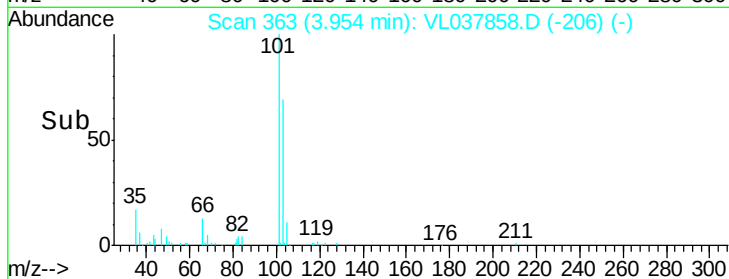
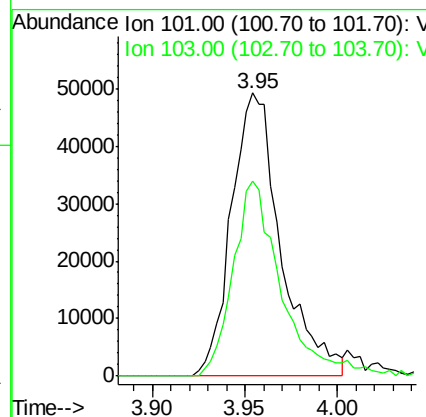
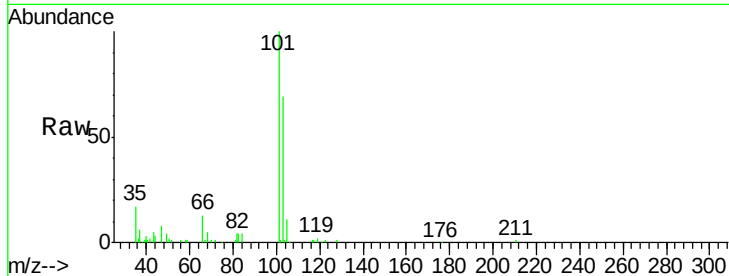
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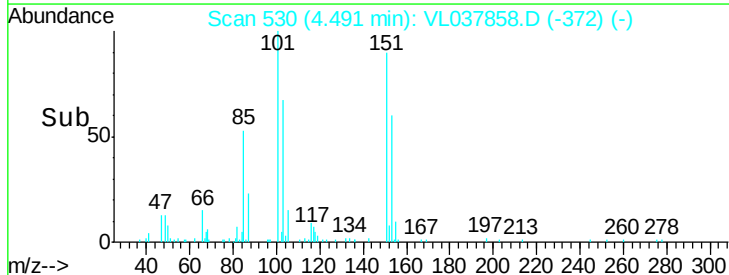
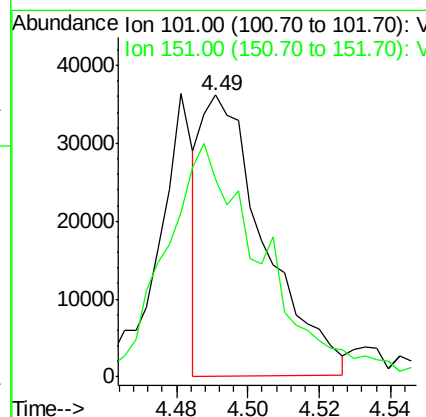
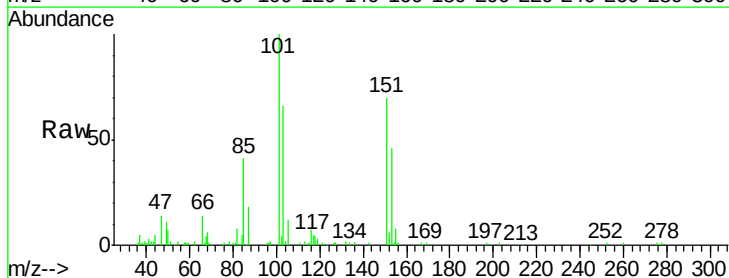
#11
 Trichlorofluoromethane
 Concen: 0.506 ppbv
 RT: 3.95 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 18 Oct 2021 18:47

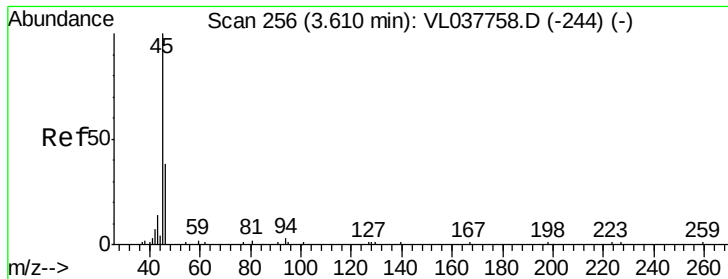
Tgt Ion:101 Resp: 91257
 Ion Ratio Lower Upper
 101 100
 103 68.9 51.5 77.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.323 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VL037858.D
 Acq: 18 Oct 2021 18:47

Tgt Ion:101 Resp: 44122
 Ion Ratio Lower Upper
 101 100
 151 131.8 62.9 94.3#





#13

Ethanol

Concen: 0.153 ppbv

RT: 3.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

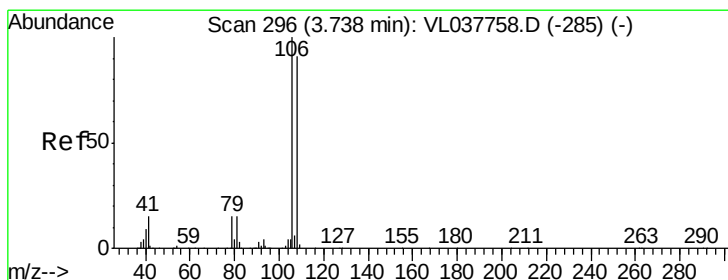
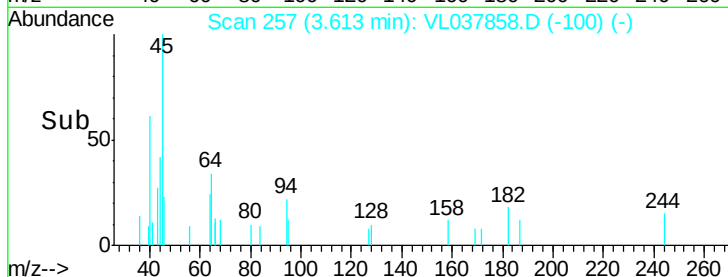
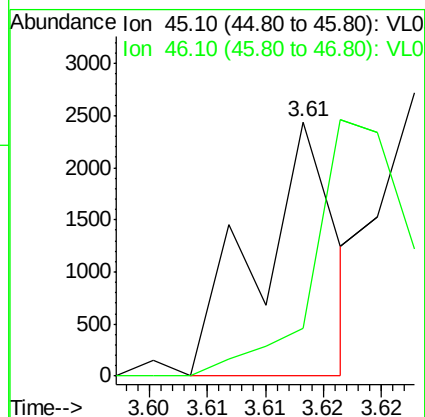
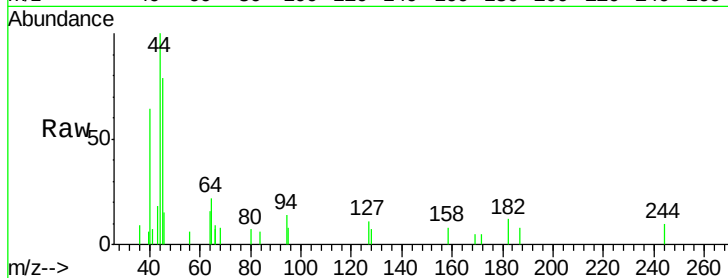
Acq: 18 Oct 2021 18:47 LOD-MDL-AIR-01-QT4-2021

Tgt Ion: 45 Resp: 1120

Ion Ratio Lower Upper

45 100

46 345.6 20.2 81.0#



#14

Bromoethene

Concen: 0.257 ppbv

RT: 3.75 min Scan# 300

Delta R.T. 0.01 min

Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

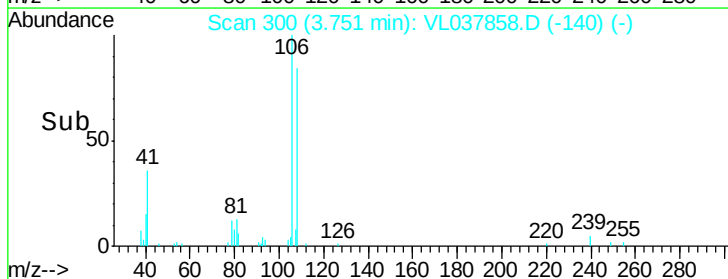
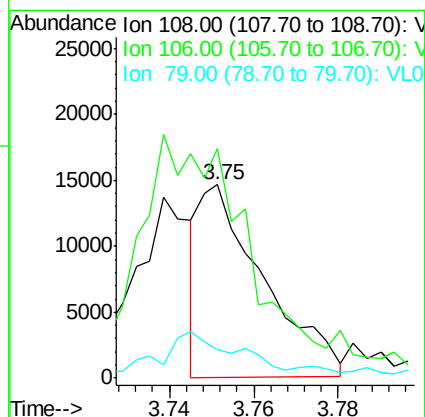
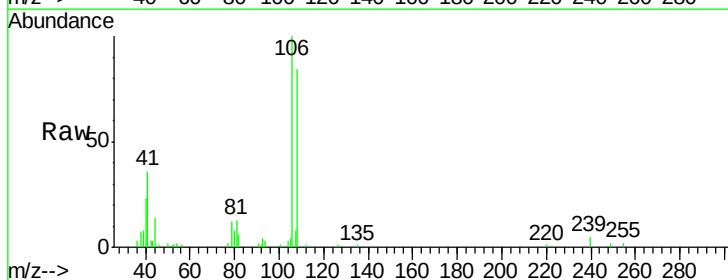
Tgt Ion: 108 Resp: 15404

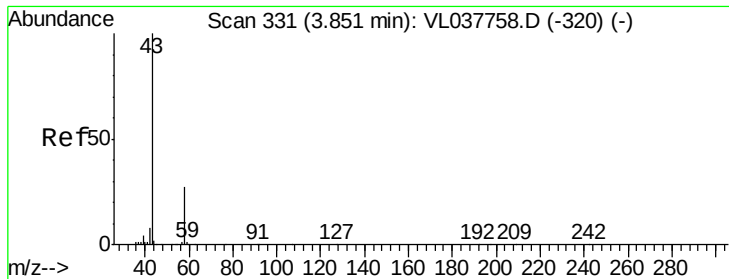
Ion Ratio Lower Upper

108 100

106 0.0 91.9 137.9#

79 39.7 13.9 20.9#





#15

Acetone

Concen: 0.385 ppbv

RT: 3.88 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

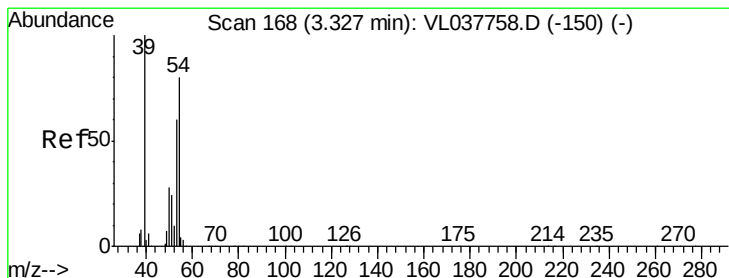
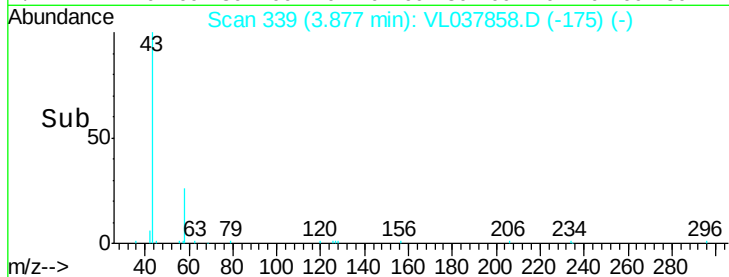
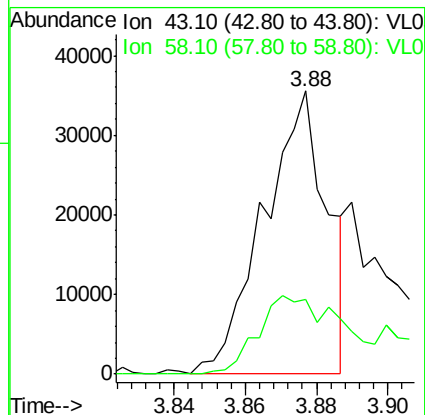
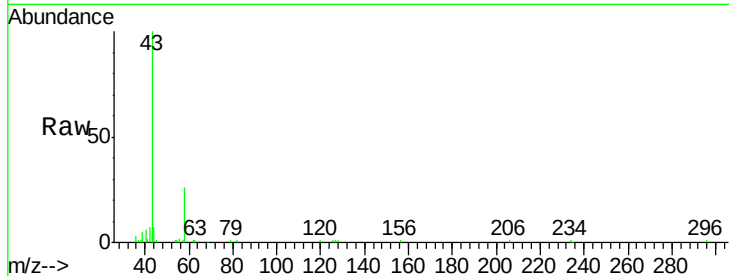
Acq: 18 Oct 2021 18:47 LOD-MDL-AIR-01-QT4-2021

Tgt Ion: 43 Resp: 43677

Ion Ratio Lower Upper

43 100

58 55.0 23.0 34.6#



#16

1,3-Butadiene

Concen: 0.203 ppbv

RT: 3.33 min Scan# 168

Delta R.T. 0.00 min

Lab File: VL037858.D

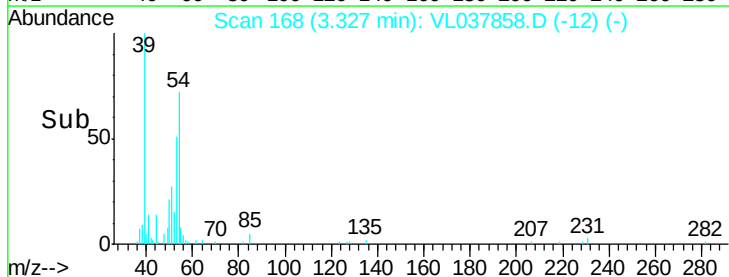
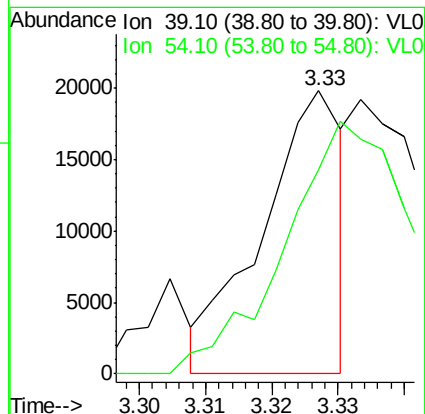
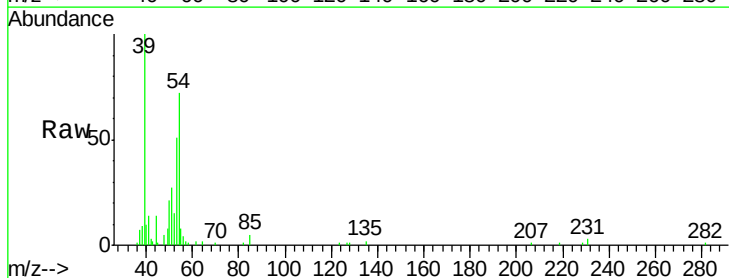
Acq: 18 Oct 2021 18:47

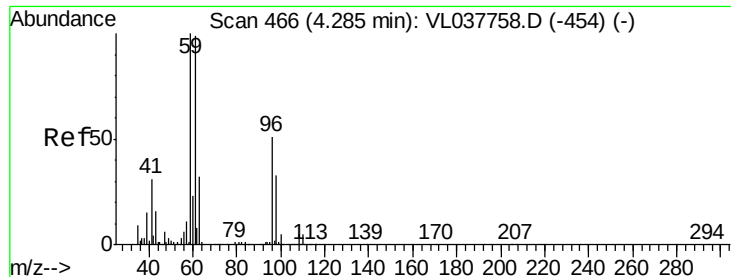
Tgt Ion: 39 Resp: 16775

Ion Ratio Lower Upper

39 100

54 0.0 61.7 92.5#





#17

tert-Butyl alcohol

Concen: 0.337 ppbv

RT: 4.32 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

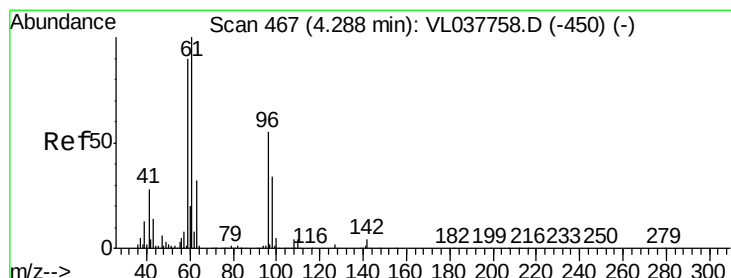
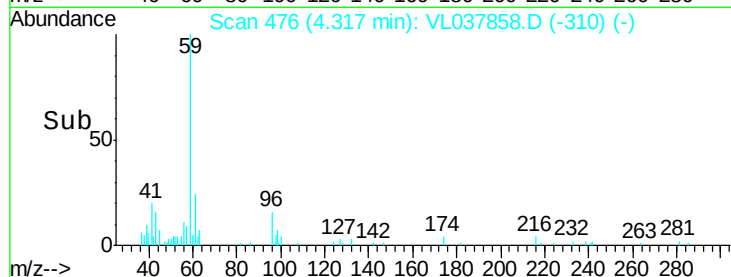
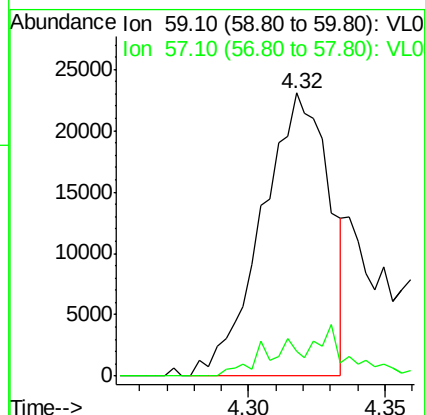
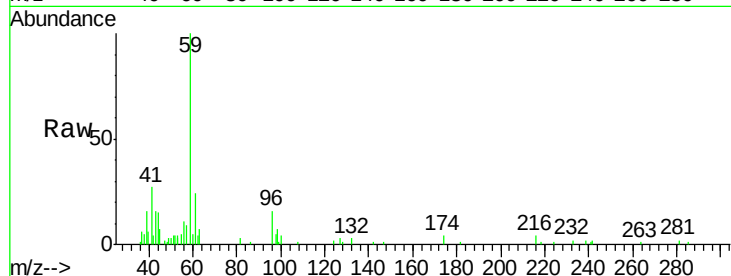
Acq: 18 Oct 2021 18:47 LOD-MDL-AIR-01-QT4-2021

Tgt Ion: 59 Resp: 39425

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#



#18

1,1-Dichloroethene

Concen: 0.520 ppbv

RT: 4.29 min Scan# 468

Delta R.T. 0.00 min

Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

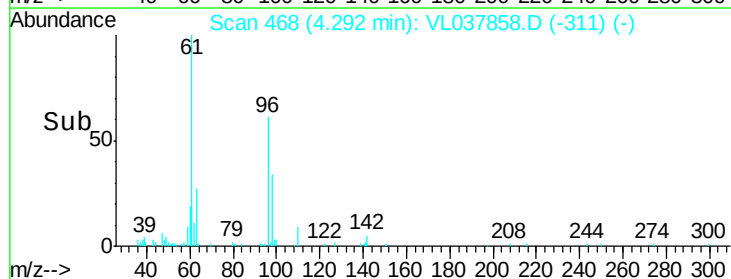
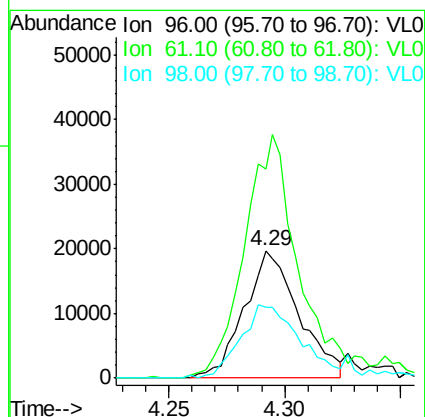
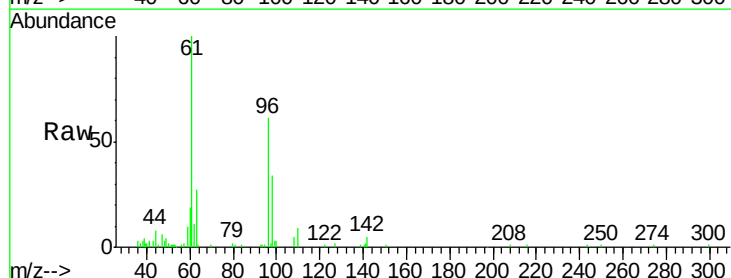
Tgt Ion: 96 Resp: 32278

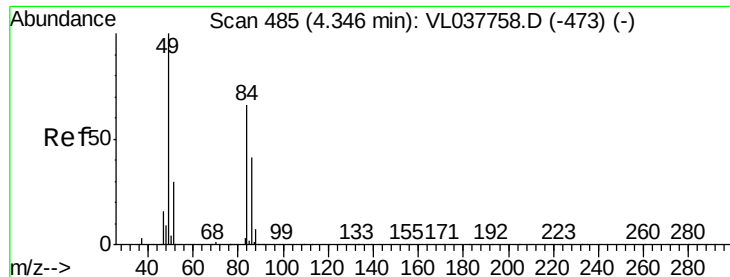
Ion Ratio Lower Upper

96 100

61 161.0 146.2 219.4

98 53.1 50.0 75.0





#20

Methylene Chloride

Concen: 0.561 ppbv

RT: 4.35 Instrument:

Delta R.T. MSVOA_L

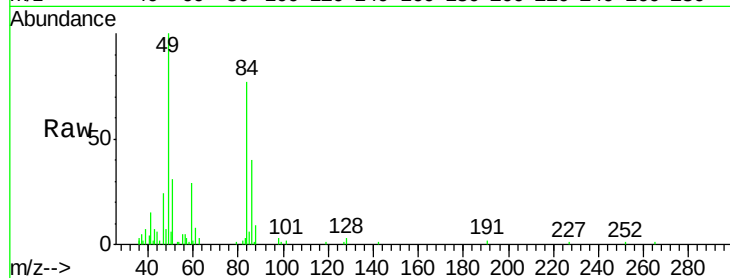
Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47 LOD-MDL-AIR-01-QT4-2021

Tgt Ion: 84 Resp: 32163

Ion Ratio Lower Upper

84	100		
49	127.2	120.7	181.1
51	35.8	36.2	54.4#
86	50.4	49.6	74.4

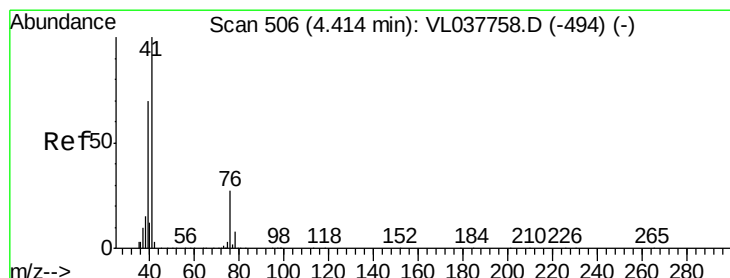
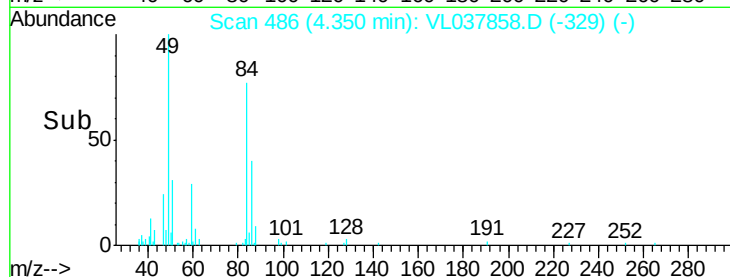
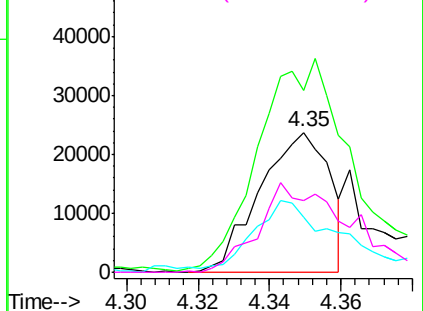


Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#21

Allyl Chloride

Concen: 0.404 ppbv

RT: 4.42 min Scan# 507

Delta R.T. 0.00 min

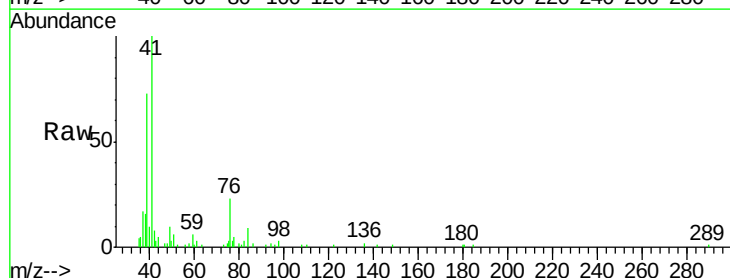
Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

Tgt Ion: 41 Resp: 40612

Ion Ratio Lower Upper

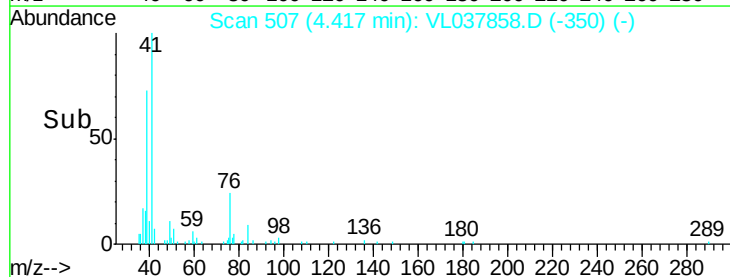
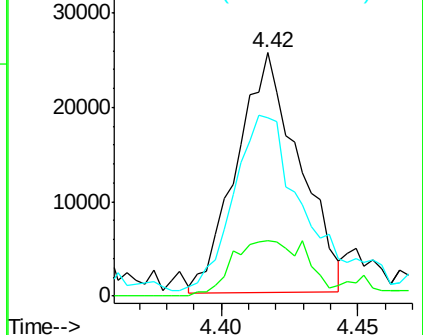
41	100		
76	32.9	22.4	33.6
39	93.5	58.0	87.0#

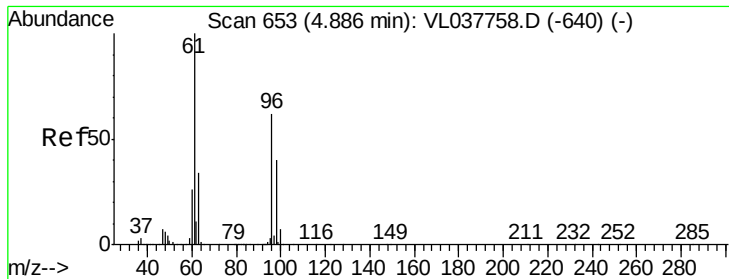


Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0





#22

trans-1,2-Dichloroethene

Concen: 0.463 ppbv

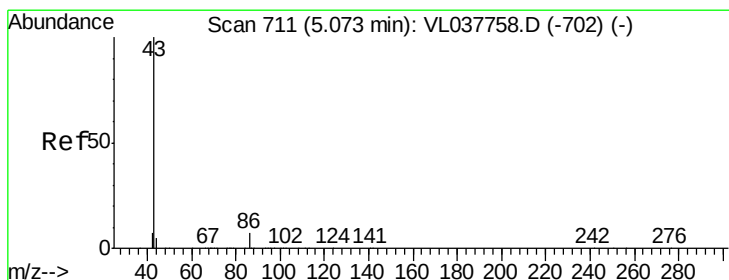
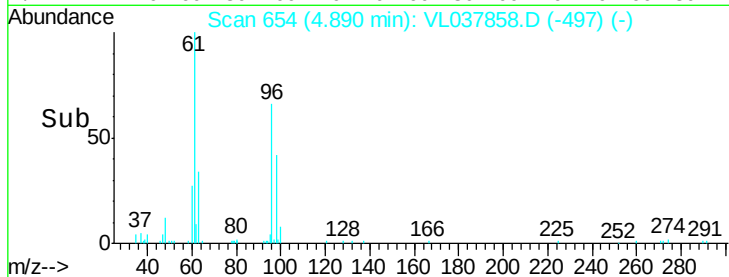
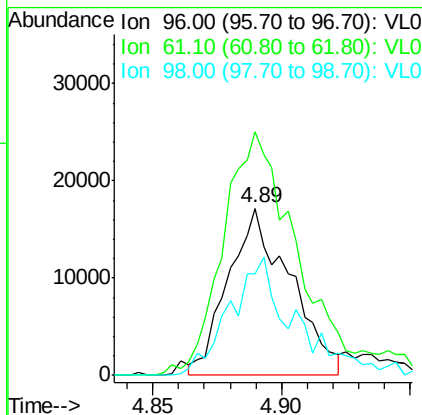
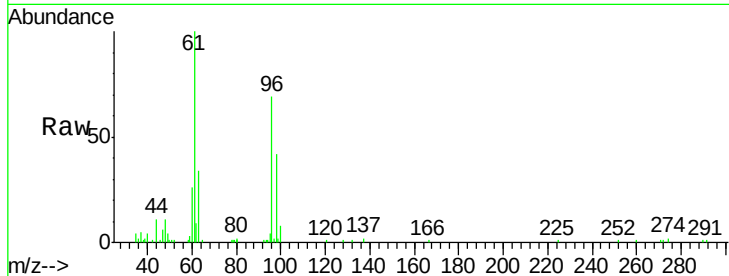
RT: 4.89 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: LOD-MDL-AIR-01-QT4-2021

Acq: 18 Oct 2021 18:47

Tgt Ion:	96	Resp:	28869
Ion	Ratio	Lower	Upper
96	100		
61	148.0	129.0	193.6
98	60.4	51.7	77.5



#23

Vinyl Acetate

Concen: 0.173 ppbv

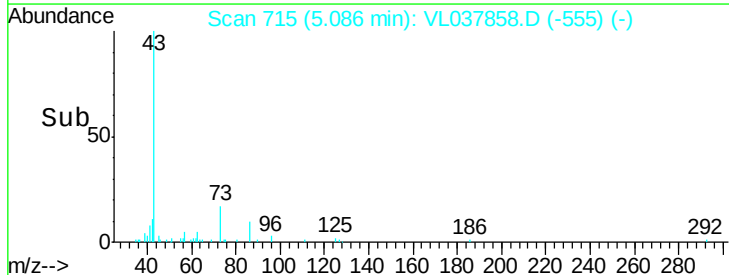
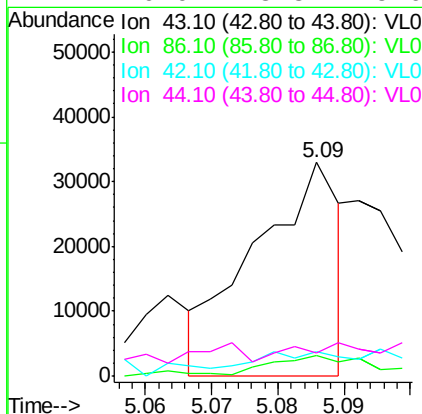
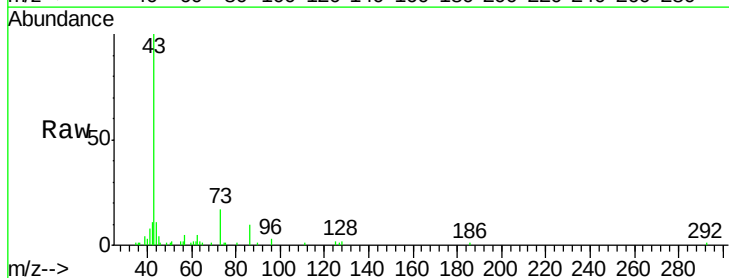
RT: 5.09 min Scan# 715

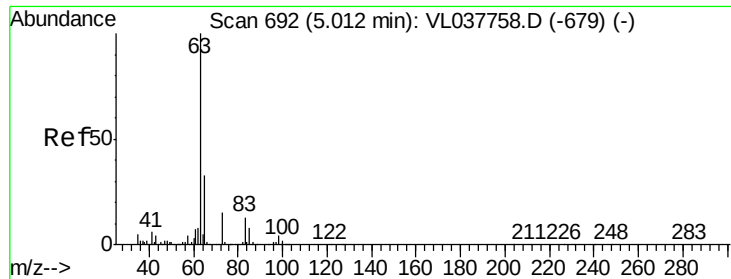
Delta R.T. 0.01 min

Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

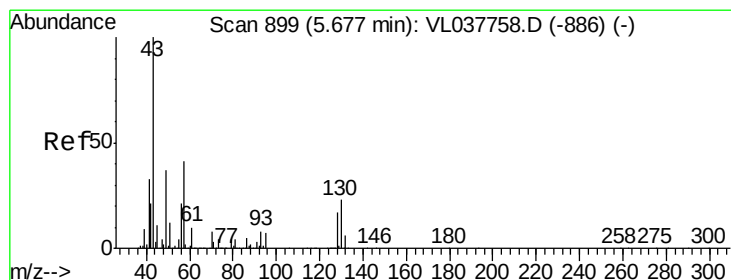
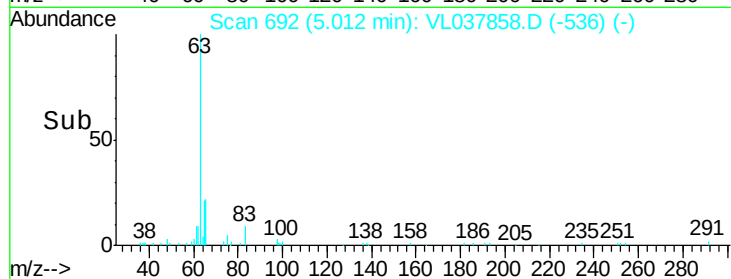
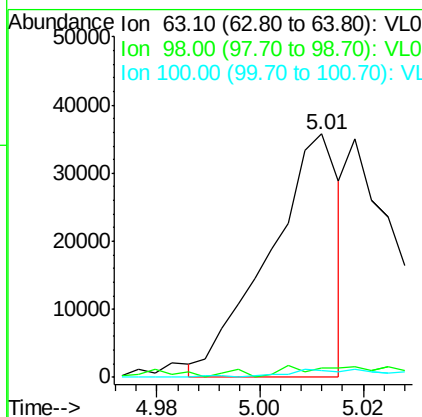
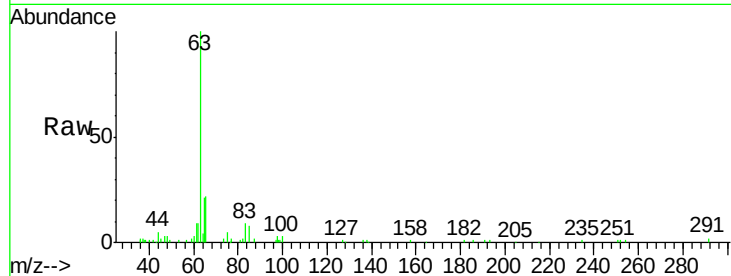
Tgt Ion:	43	Resp:	29369
Ion	Ratio	Lower	Upper
43	100		
86	12.3	5.0	7.4#
42	9.2	7.4	11.0
44	0.0	3.8	5.6#





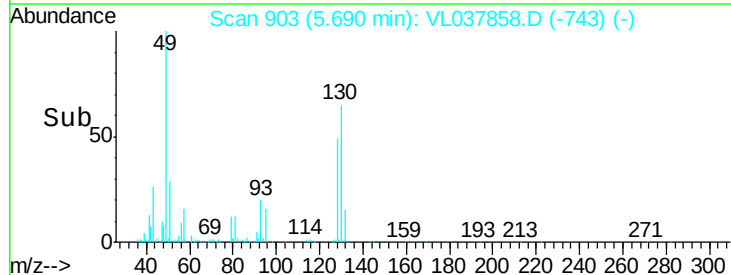
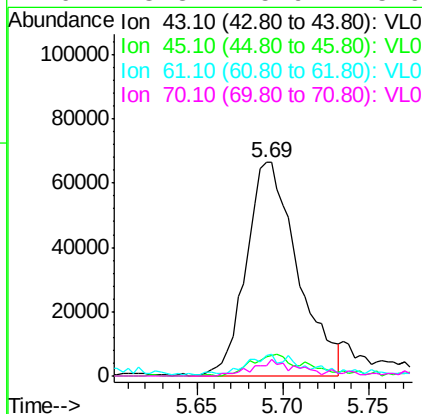
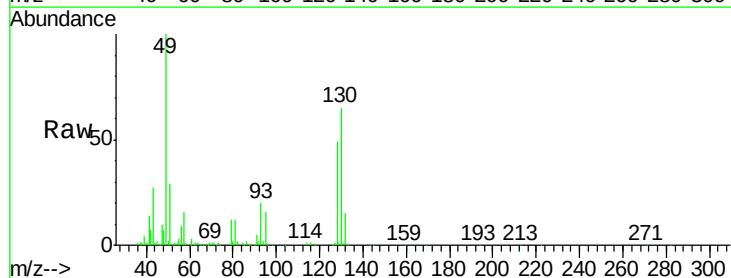
#24
 1,1-Dichloroethane
 Concen: 0.272 ppbv
 RT: 5.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 18 Oct 2021 18:47

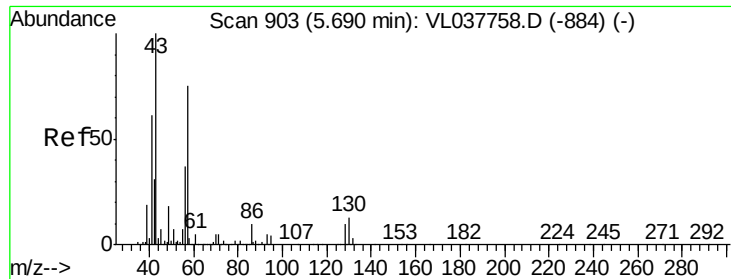
Tgt Ion:	63	Resp:	33649
Ion Ratio	Lower	Upper	
63	100		
98	1.9	2.3	6.9#
100	3.0	1.1	3.1



#25
 Ethyl Acetate
 Concen: 0.432 ppbv
 RT: 5.69 min Scan# 903
 Delta R.T. 0.01 min
 Lab File: VL037858.D
 Acq: 18 Oct 2021 18:47

Tgt Ion:	43	Resp:	137649
Ion Ratio	Lower	Upper	
43	100		
45	11.3	8.1	12.1
61	13.3	7.5	11.3#
70	8.3	5.9	8.9





#26

Hexane

Concen: 0.311 ppbv

RT: 5.69 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47 LOD-MDL-AIR-01-QT4-2021

Tgt Ion: 57 Resp: 48839

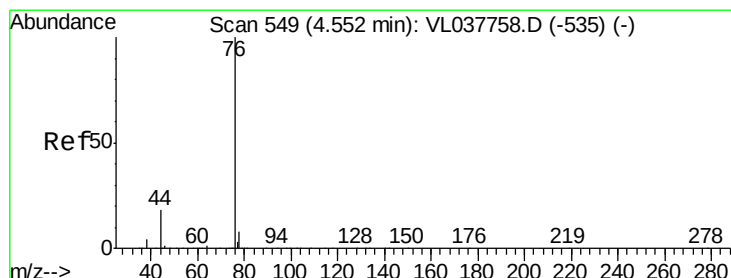
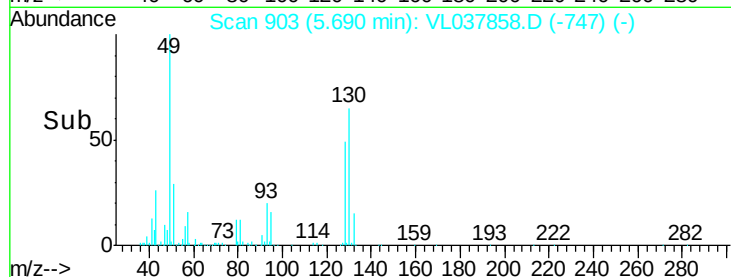
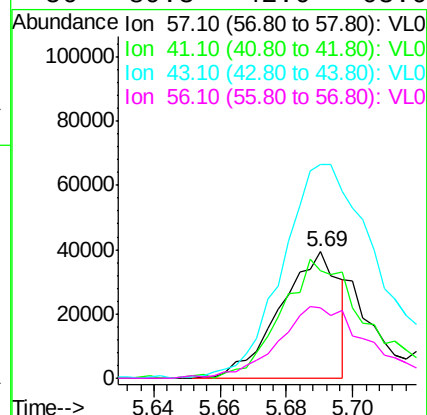
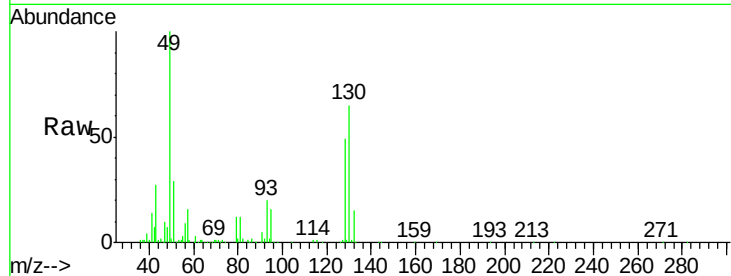
Ion Ratio Lower Upper

57 100

41 143.7 69.6 104.4#

43 320.8 171.4 257.0#

56 89.3 42.0 63.0#



#27

Carbon Disulfide

Concen: 0.409 ppbv

RT: 4.56 min Scan# 550

Delta R.T. 0.00 min

Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

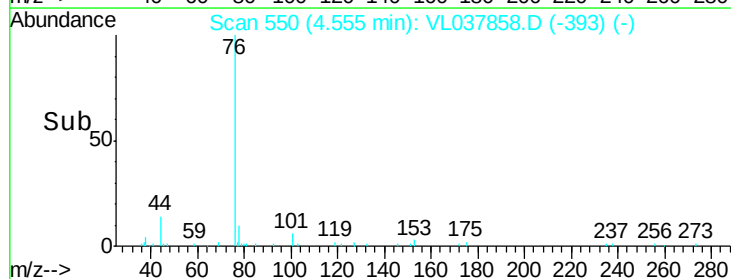
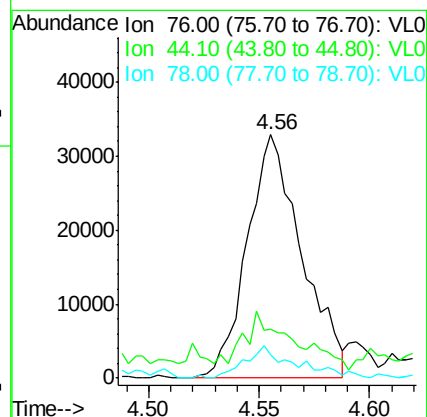
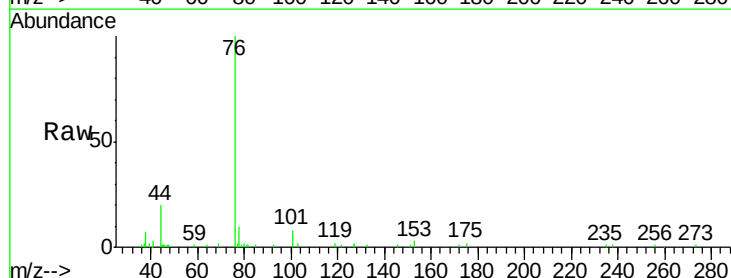
Tgt Ion: 76 Resp: 56814

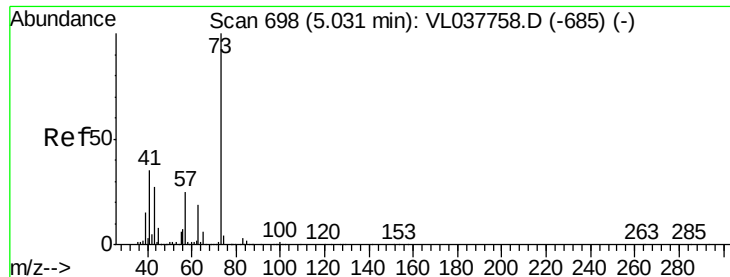
Ion Ratio Lower Upper

76 100

44 25.6 14.3 21.5#

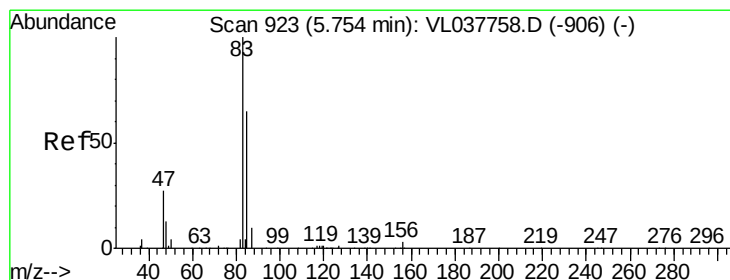
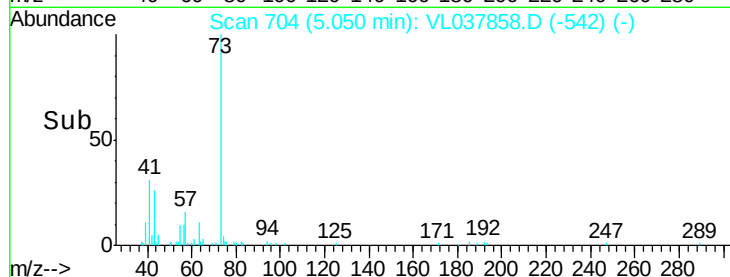
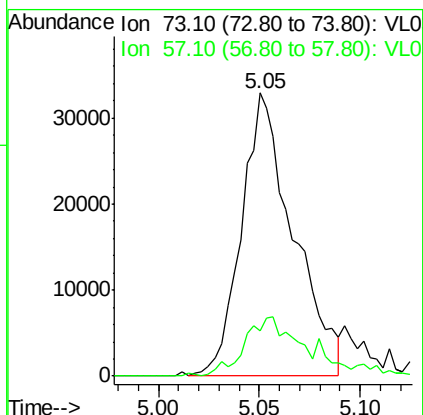
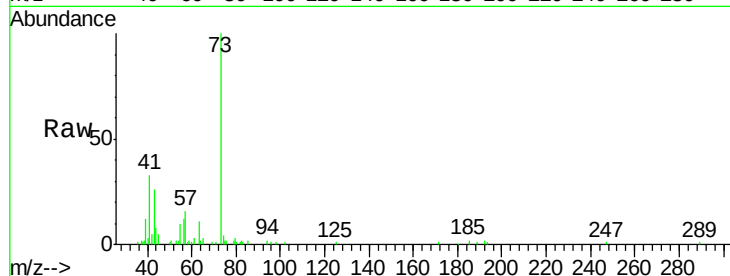
78 12.7 7.8 11.6#





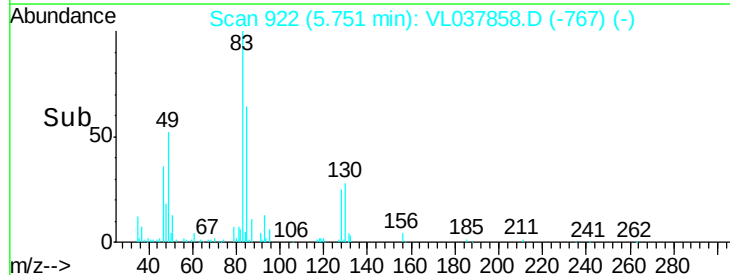
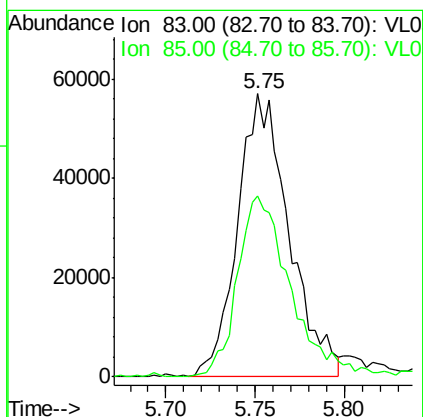
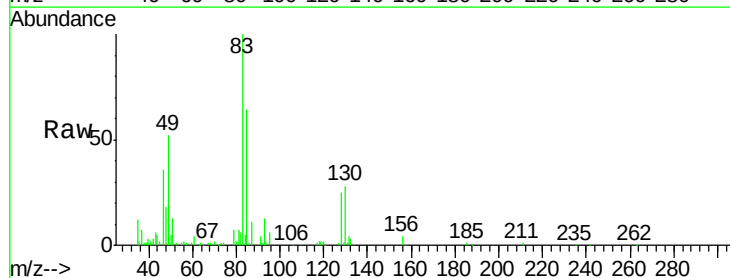
#28
Methyl tert-Butyl Ether
Concen: 0.452 ppbv
RT: 5.05
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 18 Oct 2021 18:47
LOD-MDL-AIR-01-QT4-2021

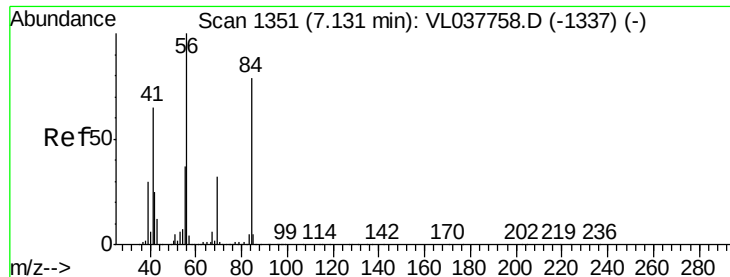
Tgt Ion: 73 Resp: 59041
Ion Ratio Lower Upper
73 100
57 26.8 20.4 30.6



#29
Chloroform
Concen: 0.513 ppbv
RT: 5.75 min Scan# 922
Delta R.T. -0.00 min
Lab File: VL037858.D
Acq: 18 Oct 2021 18:47

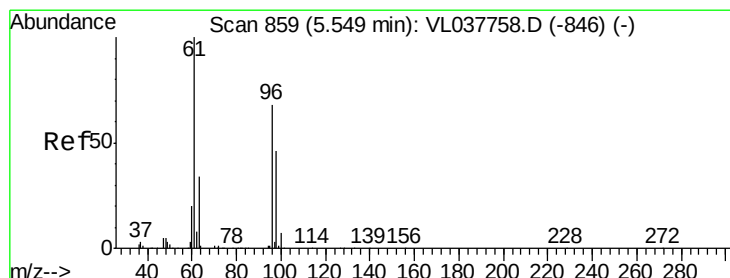
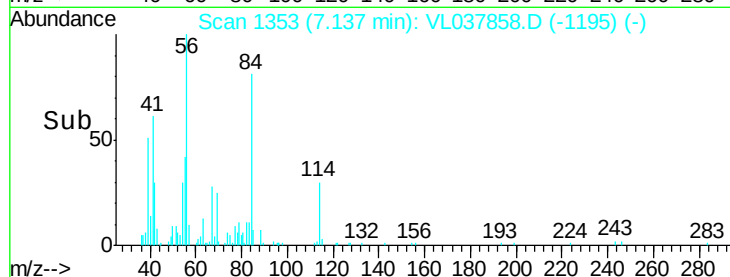
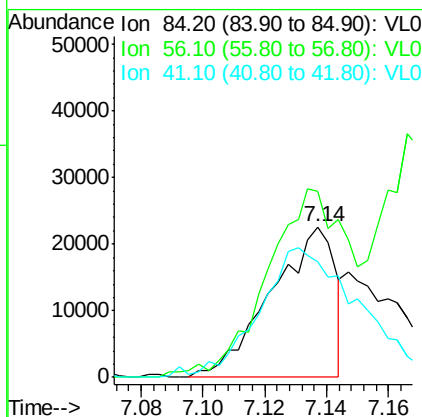
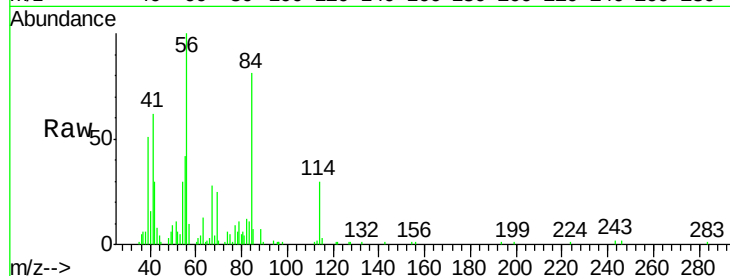
Tgt Ion: 83 Resp: 115097
Ion Ratio Lower Upper
83 100
85 63.9 51.8 77.8





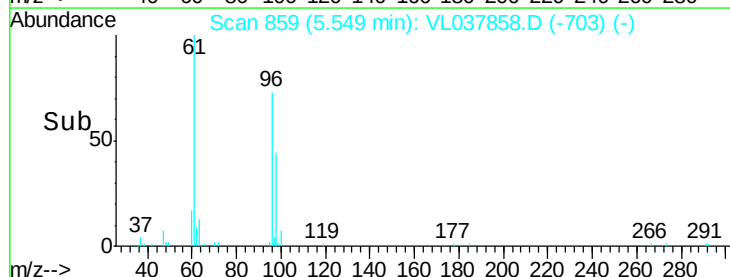
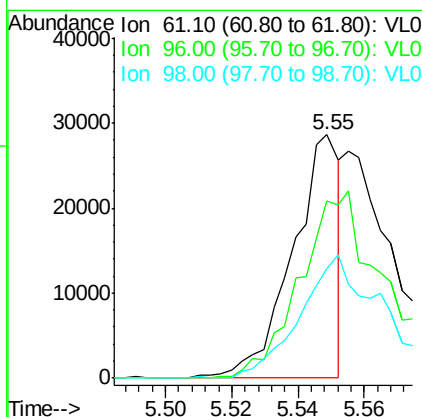
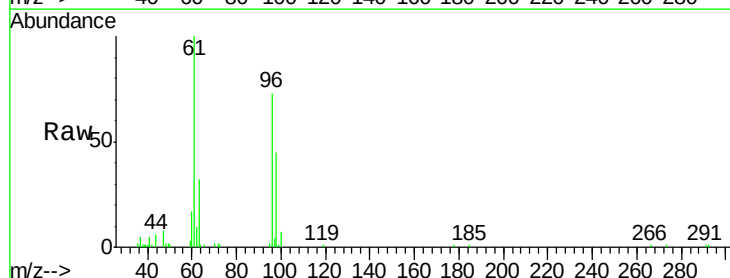
#30
Cyclohexane
Concen: 0.243 ppbv
RT: 7.14
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 18 Oct 2021 18:47

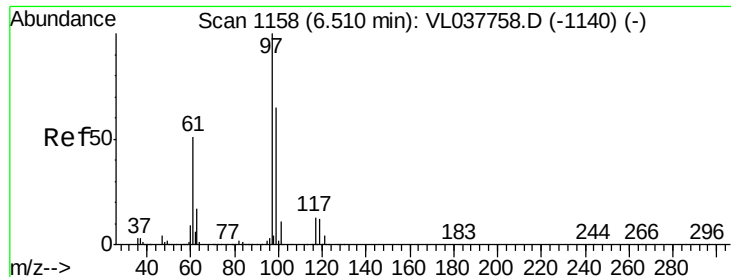
Tgt Ion: 84 Resp: 32351
Ion Ratio Lower Upper
84 100
56 145.5 113.0 169.4
41 137.3 69.1 103.7#



#31
cis-1,2-Dichloroethene
Concen: 0.199 ppbv
RT: 5.55 min Scan# 859
Delta R.T. 0.00 min
Lab File: VL037858.D
Acq: 18 Oct 2021 18:47

Tgt Ion: 61 Resp: 28369
Ion Ratio Lower Upper
61 100
96 72.9 54.2 81.2
98 44.6 36.6 54.8





#32

1,1,1-Trichloroethane

Concen: 0.312 ppbv

RT: 6.51 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47 LOD-MDL-AIR-01-QT4-2021

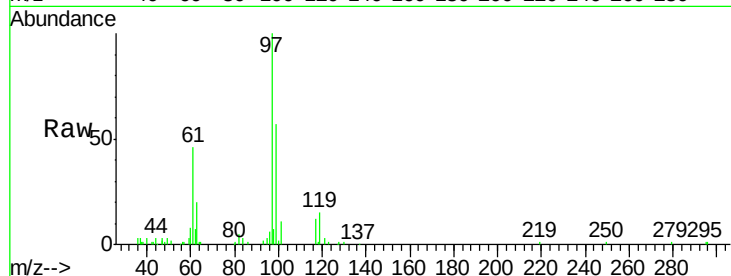
Tgt Ion: 97 Resp: 66282

Ion Ratio Lower Upper

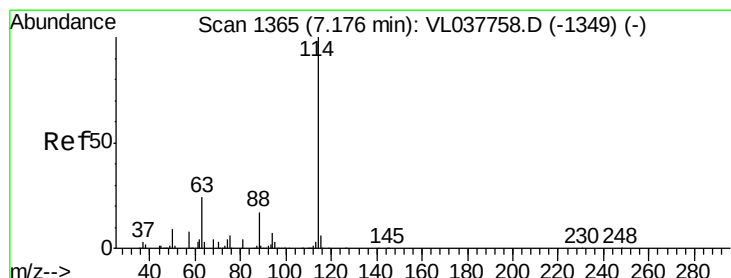
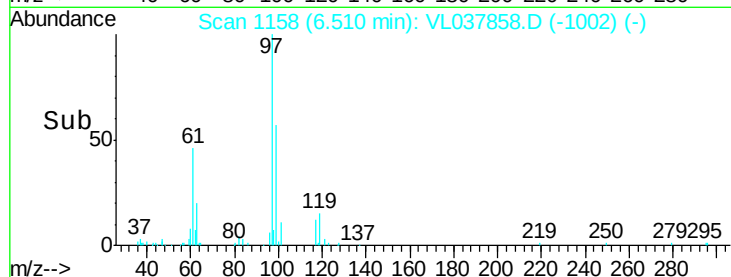
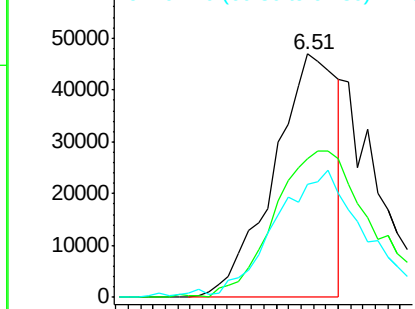
97 100

99 96.3 52.6 78.8#

61 81.4 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# 1365

Delta R.T. 0.00 min

Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

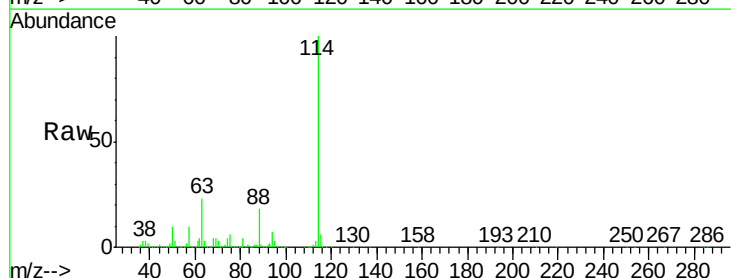
Tgt Ion: 114 Resp: 3712690

Ion Ratio Lower Upper

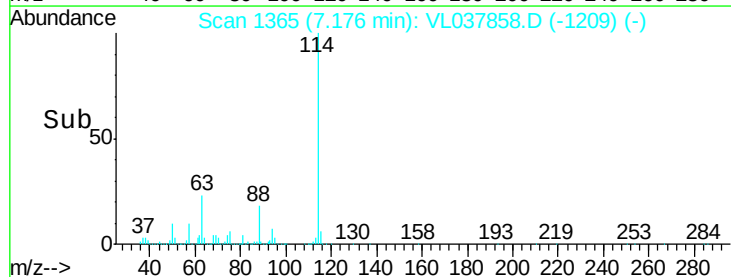
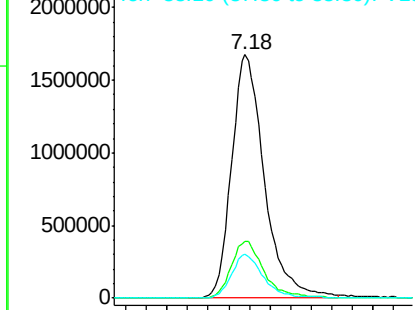
114 100

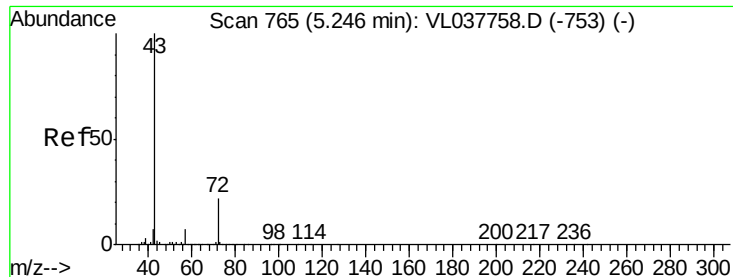
63 23.6 19.4 29.2

88 17.8 14.4 21.6



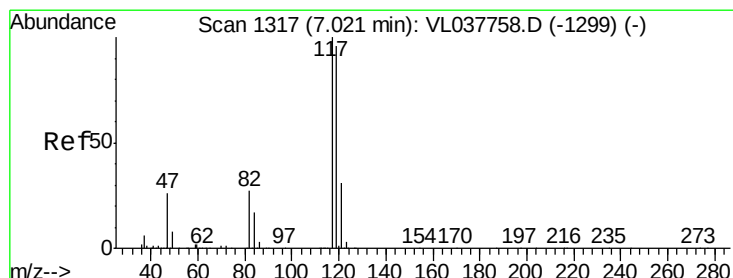
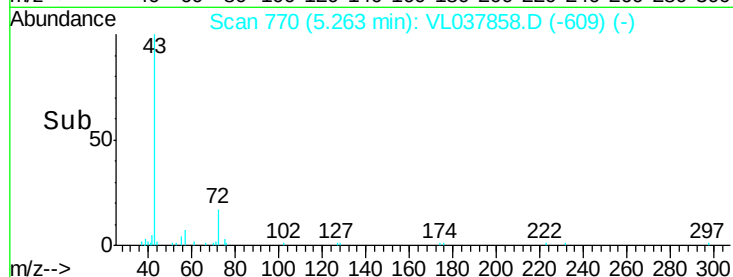
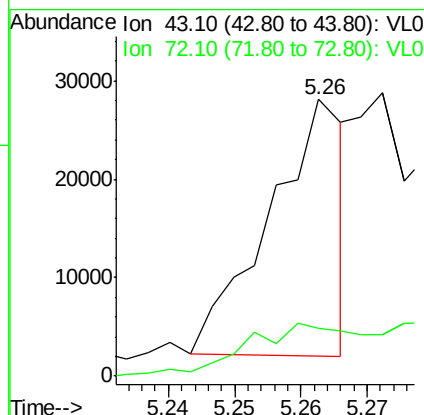
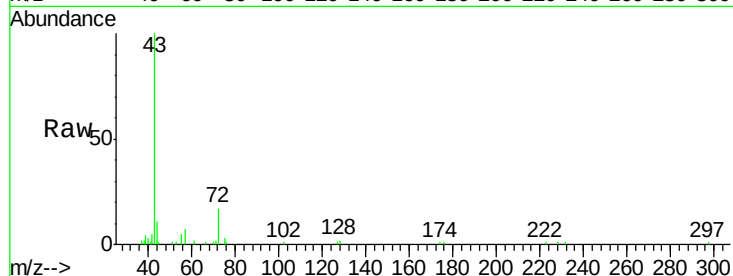
Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





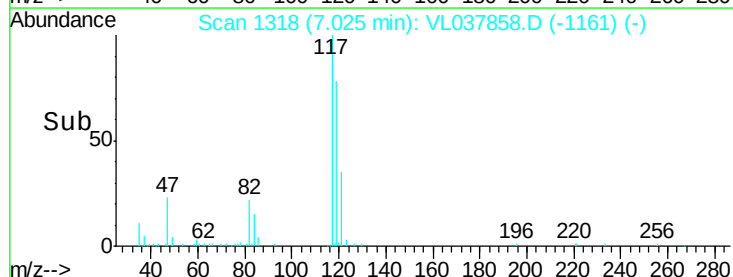
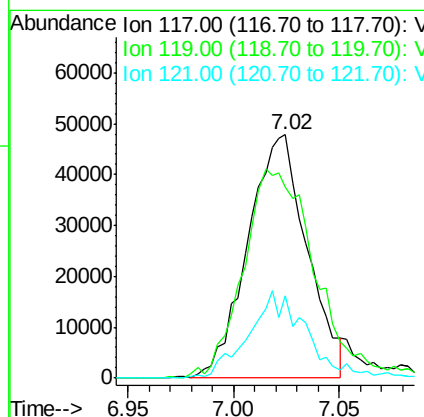
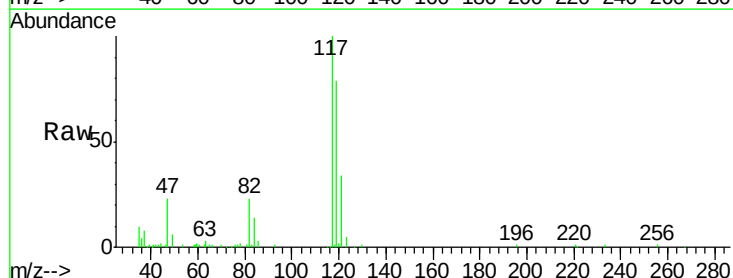
#34
2-Butanone
Concen: 0.137 ppbv
RT: 5.26 Instrument: MSVOA_1
Delta R.T.: ClientSampleId:
Lab File: LOD-MDL-AIR-01-QT4-2021
Acq: 18 Oct 2021 18:47

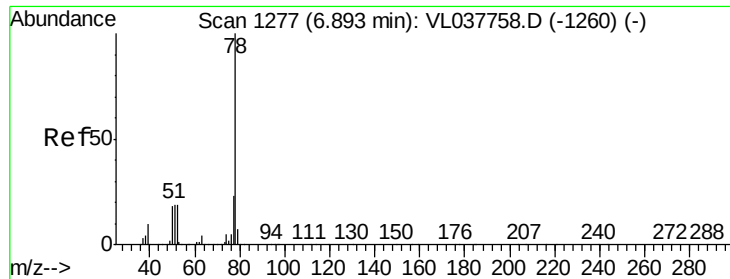
Tgt Ion: 43 Resp: 20605
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#



#35
Carbon Tetrachloride
Concen: 0.443 ppbv
RT: 7.02 min Scan# 1318
Delta R.T. 0.00 min
Lab File: VL037858.D
Acq: 18 Oct 2021 18:47

Tgt Ion: 117 Resp: 93322
Ion Ratio Lower Upper
117 100
119 77.1 76.5 114.7
121 32.9 24.9 37.3





#36

Benzene

Concen: 0.233 ppbv

RT: 6.89 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47 LOD-MDL-AIR-01-QT4-2021

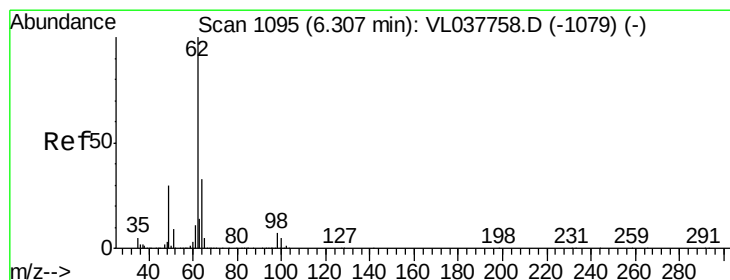
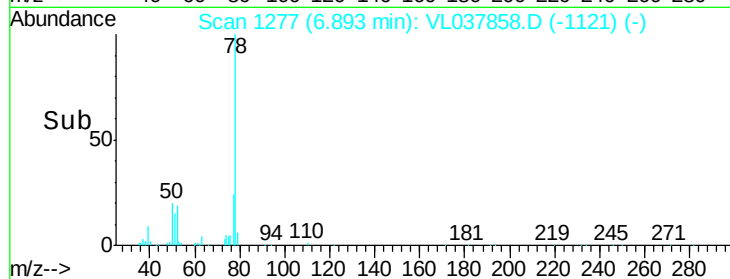
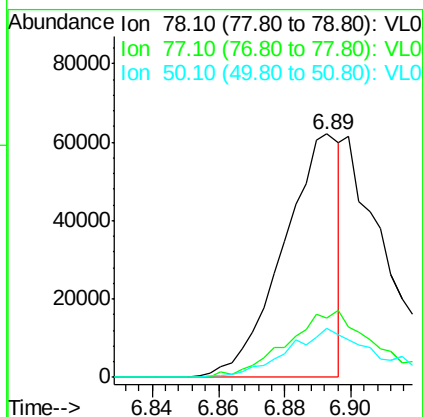
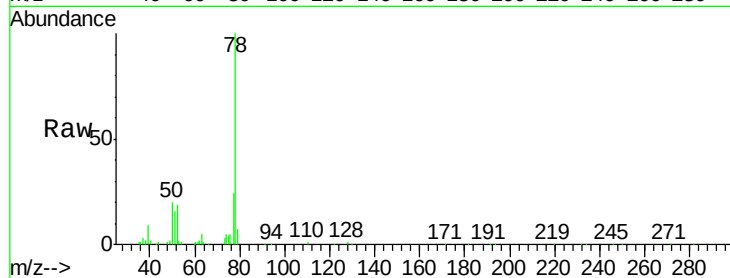
Tgt Ion: 78 Resp: 73836

Ion Ratio Lower Upper

78 100

77 24.2 18.8 28.2

50 19.9 14.7 22.1



#37

1,2-Dichloroethane

Concen: 0.489 ppbv

RT: 6.31 min Scan# 1095

Delta R.T. 0.00 min

Lab File: VL037858.D

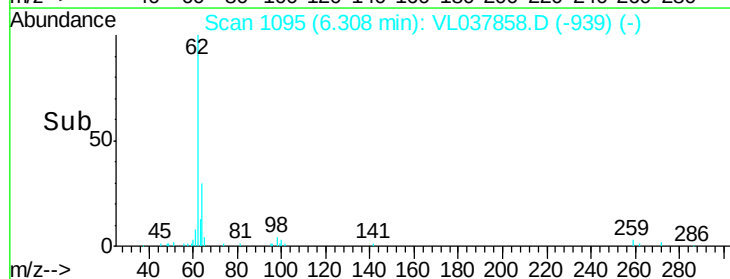
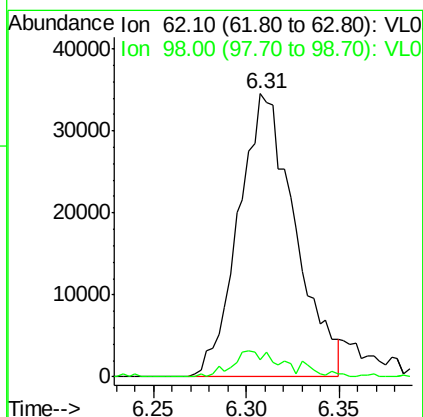
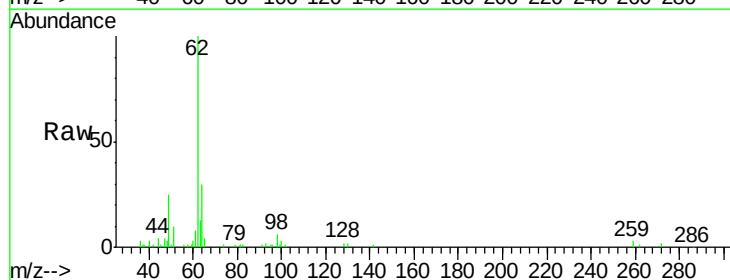
Acq: 18 Oct 2021 18:47

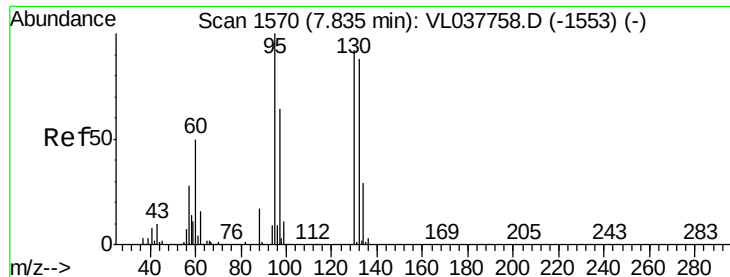
Tgt Ion: 62 Resp: 73046

Ion Ratio Lower Upper

62 100

98 9.0 6.1 9.1





#38

Trichloroethene

Concen: 0.213 ppbv

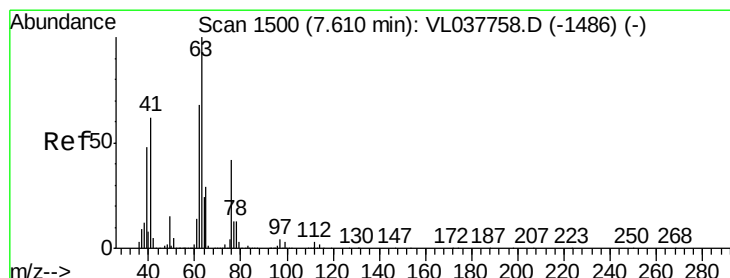
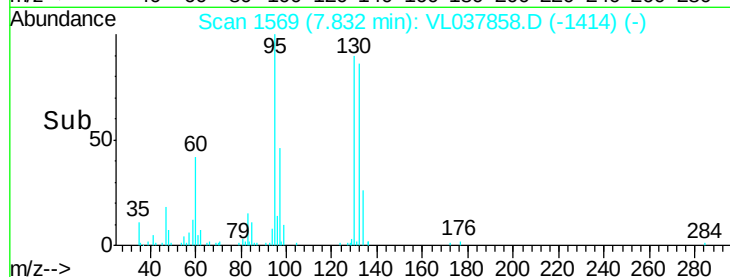
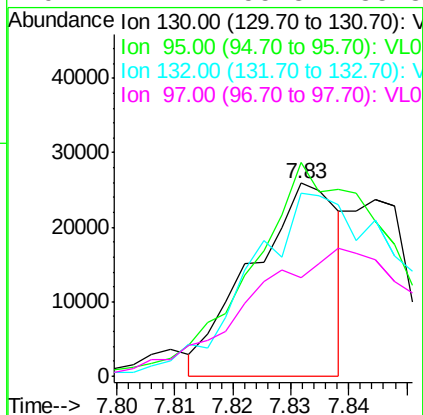
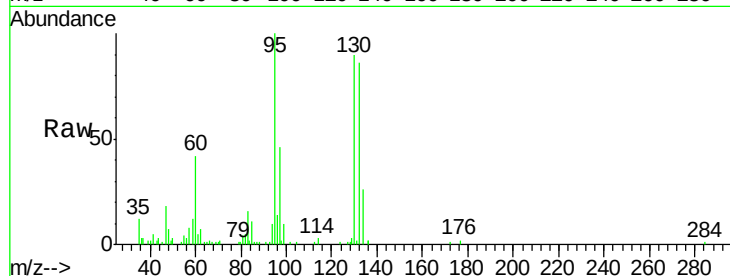
RT: 7.83 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47 LOD-MDL-AIR-01-QT4-2021

Tgt Ion:	130	Resp:	26734
Ion	Ratio	Lower	Upper
130	100		
95	110.6	87.4	131.0
132	91.7	76.8	115.2
97	41.7	55.8	83.8#



#39

1,2-Dichloropropane

Concen: 0.081 ppbv

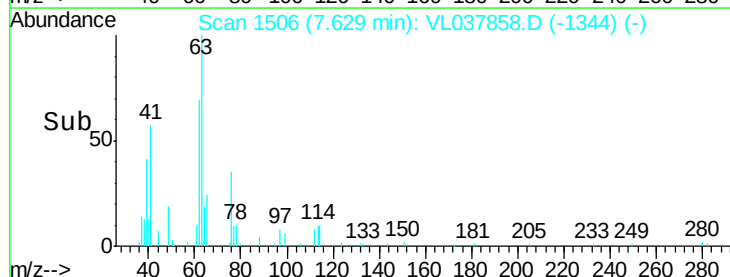
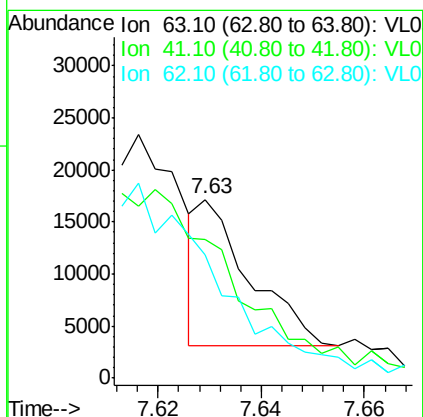
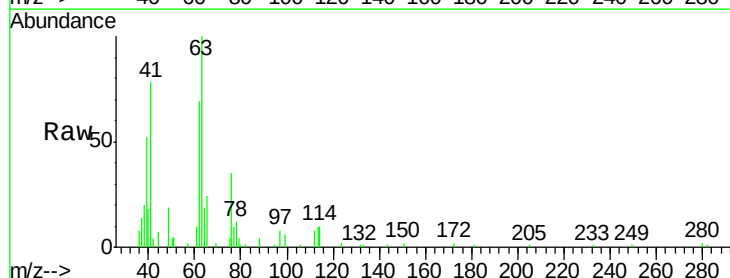
RT: 7.63 min Scan# 1506

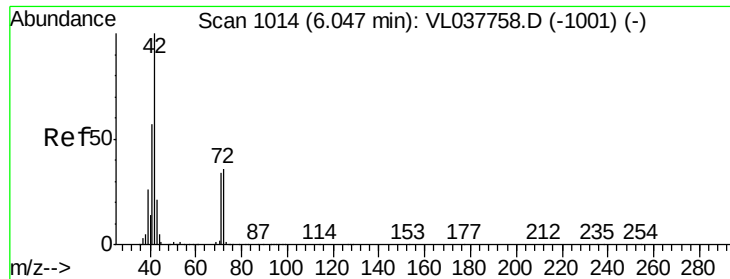
Delta R.T. 0.02 min

Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

Tgt Ion:	63	Resp:	9656
Ion	Ratio	Lower	Upper
63	100		
41	73.2	49.8	74.6
62	70.3	54.6	82.0





#41

Tetrahydrofuran

Concen: 0.040 ppbv

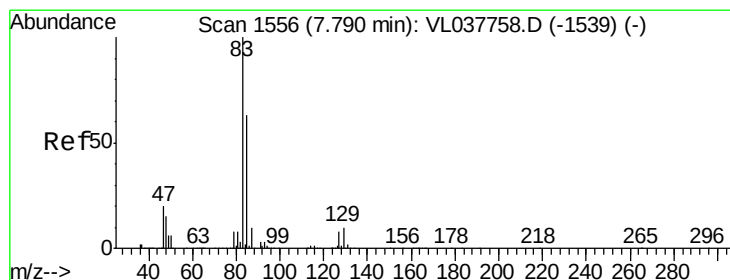
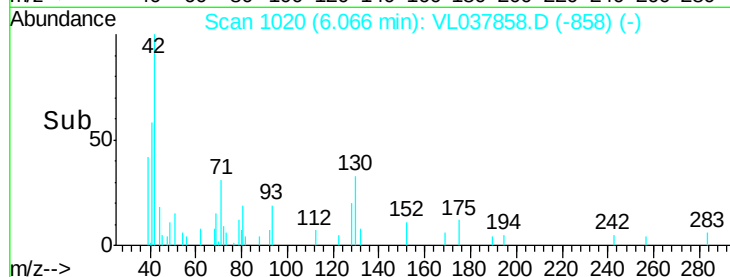
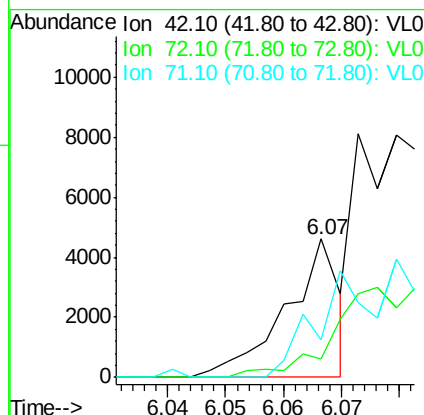
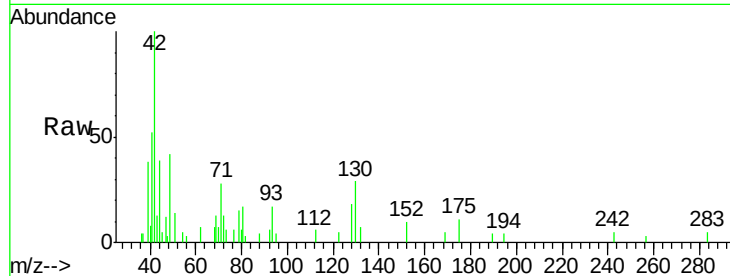
RT: 6.07 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47 LOD-MDL-AIR-01-QT4-2021

Tgt Ion:	42	Resp:	2918
Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.9	47.9#
71	0.0	30.3	45.5#



#42

Bromodichloromethane

Concen: 0.250 ppbv

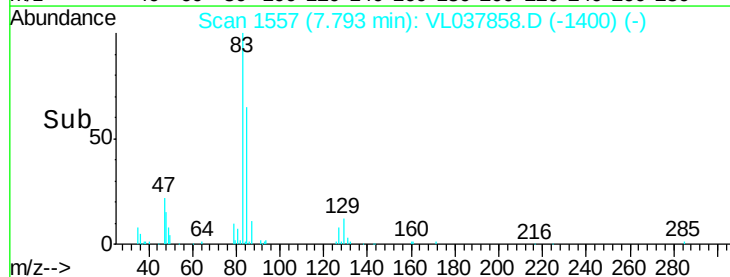
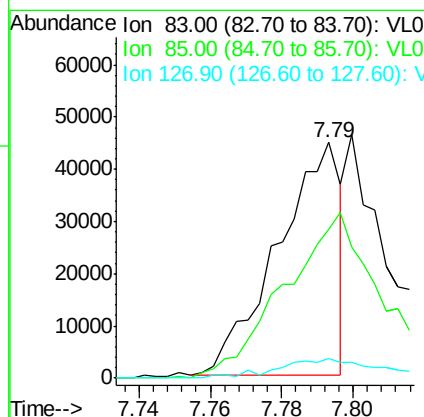
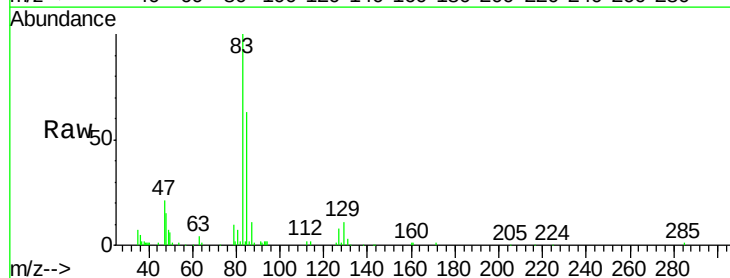
RT: 7.79 min Scan# 1557

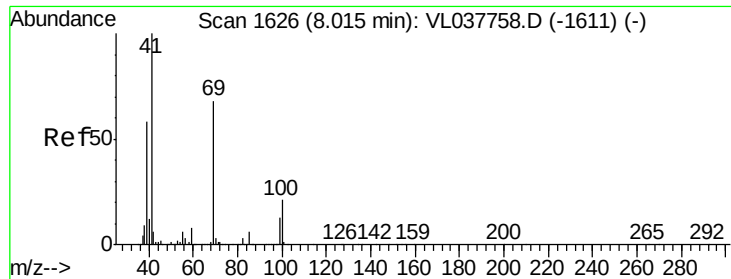
Delta R.T. 0.00 min

Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

Tgt Ion:	83	Resp:	54724
Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.6	75.8
127	7.5	6.2	9.4





#43

Methyl Methacrylate

Concen: 0.180 ppbv

RT: 8.02

Instrument: MSVOA_1

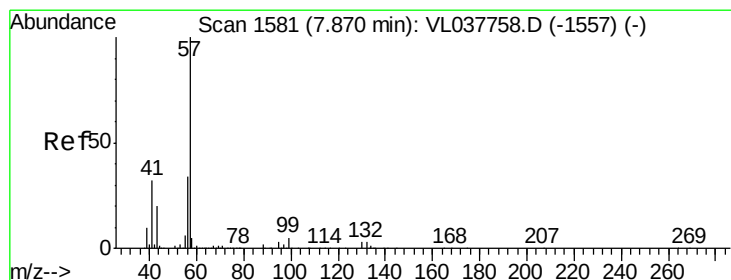
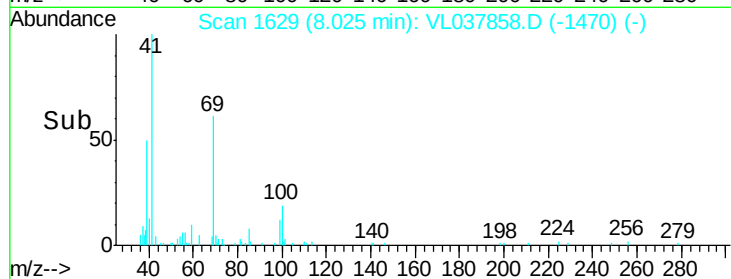
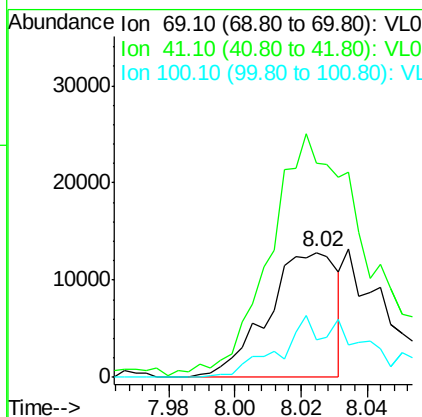
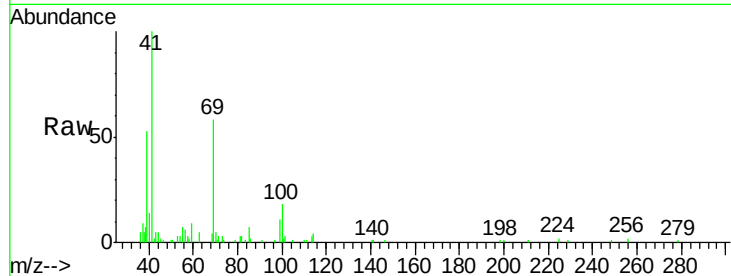
Delta R.T.

Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47

Tgt Ion: 69 Resp: 18692

Ion	Ratio	Lower	Upper
69	100		
41	292.0	121.0	181.4#
100	65.4	27.7	41.5#



#44

2,2,4-Trimethylpentane

Concen: 0.433 ppbv

RT: 7.87 min Scan# 1581

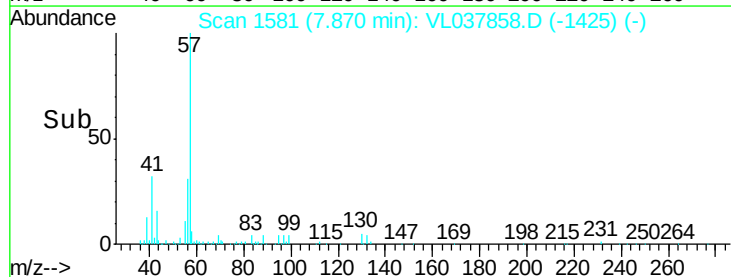
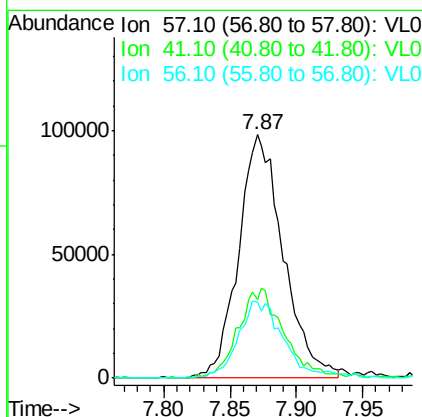
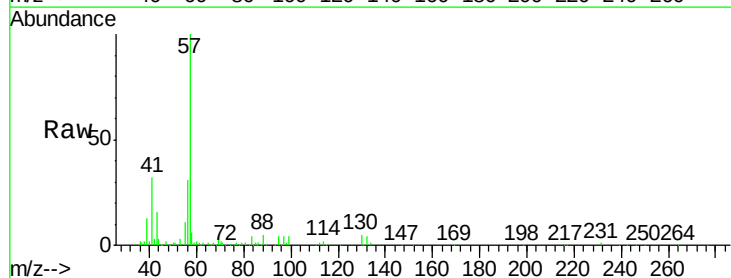
Delta R.T. 0.00 min

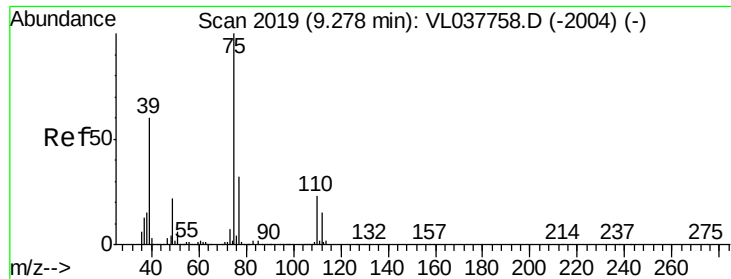
Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

Tgt Ion: 57 Resp: 230769

Ion	Ratio	Lower	Upper
57	100		
41	38.1	25.6	38.4
56	32.7	25.5	38.3





#45

t-1,3-Dichloropropene

Concen: 0.106 ppbv

RT: 9.28 Instrument: MSVOA_L

Delta R.T.

Lab File: ClientSampleId: LOD-MDL-AIR-01-QT4-2021

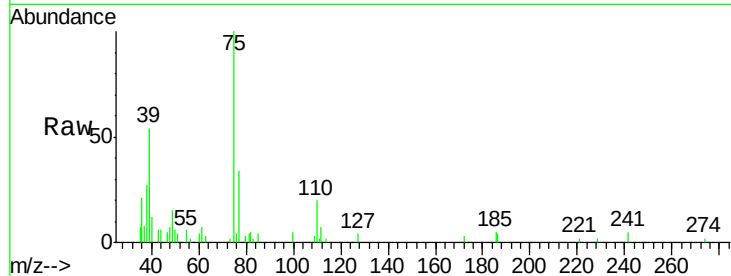
Acq: 18 Oct 2021 18:47

Tgt Ion: 75 Resp: 7563

Ion Ratio Lower Upper

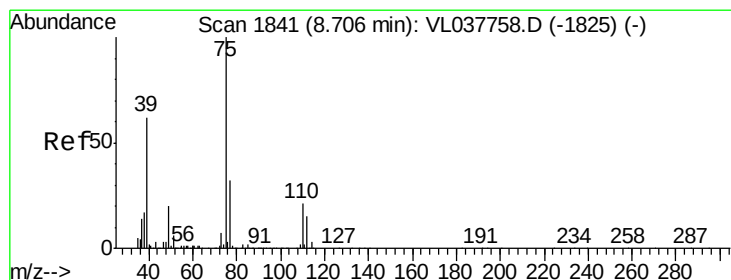
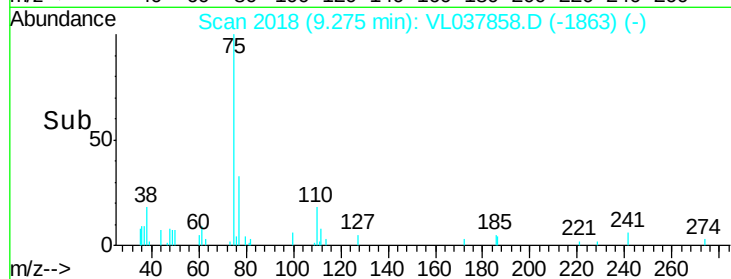
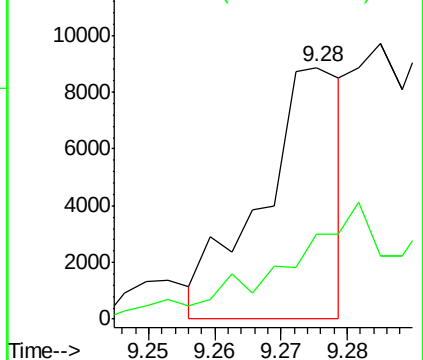
75 100

77 33.8 25.2 37.8



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#46

cis-1,3-Dichloropropene

Concen: 0.282 ppbv

RT: 8.70 min Scan# 1840

Delta R.T. -0.00 min

Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

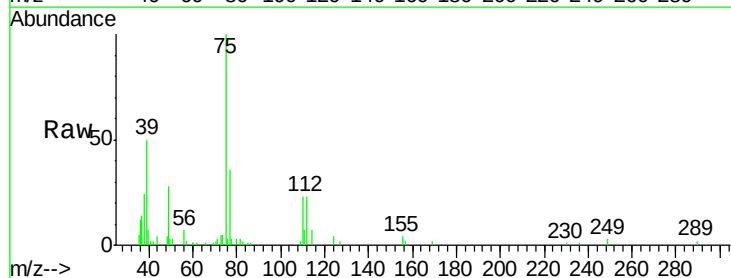
Tgt Ion: 75 Resp: 27853

Ion Ratio Lower Upper

75 100

39 47.3 49.9 74.9#

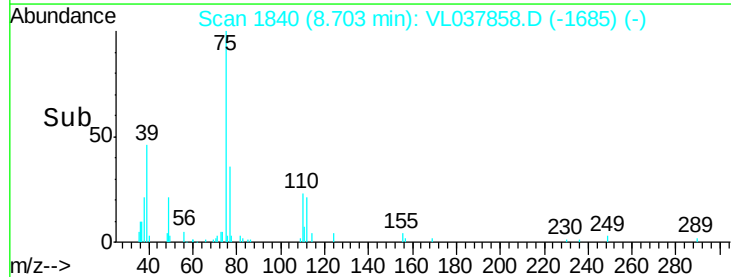
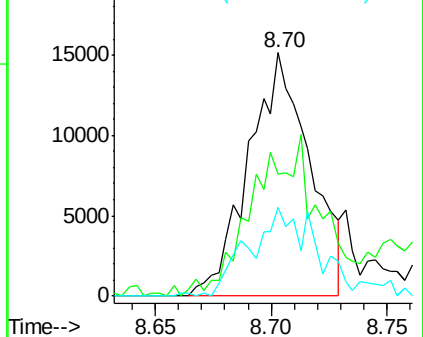
77 35.0 25.9 38.9

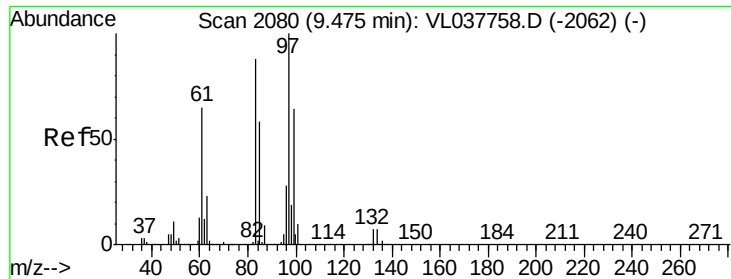


Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0





#47

1,1,2-Trichloroethane

Concen: 0.276 ppbv

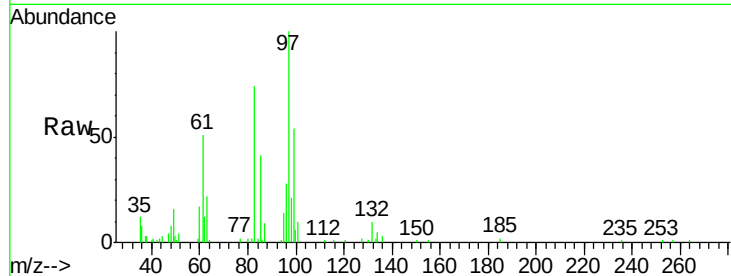
RT: 9.47 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47 LOD-MDL-AIR-01-QT4-2021

Tgt Ion:	97	Resp:	35801
Ion	Ratio	Lower	Upper
97	100		
83	70.5	70.6	105.8#
85	41.8	45.9	68.9#
99	53.4	51.5	77.3

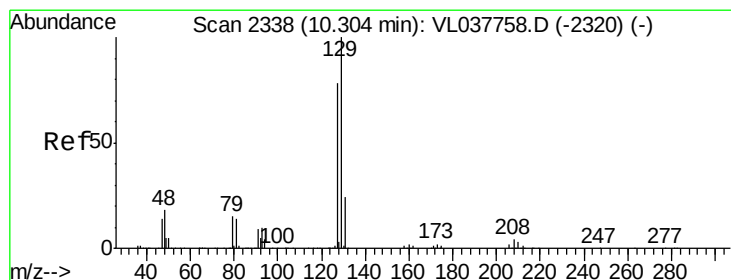
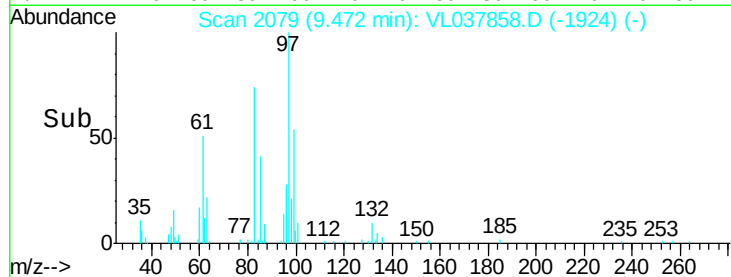
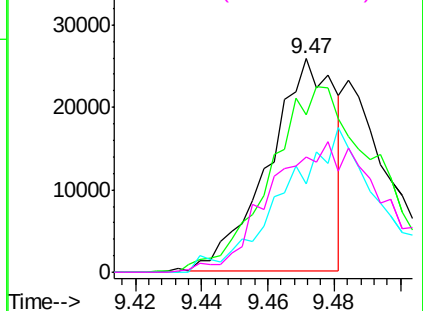


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0



#48

Dibromochloromethane

Concen: 0.209 ppbv

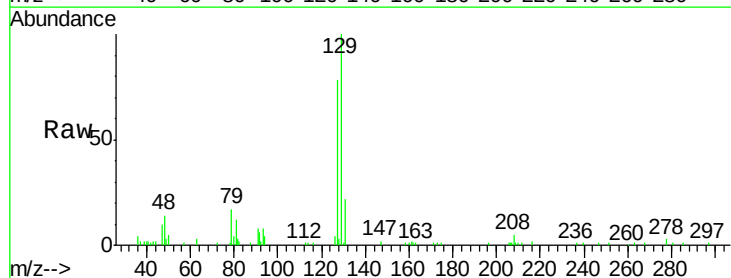
RT: 10.30 min Scan# 2338

Delta R.T. 0.00 min

Lab File: VL037858.D

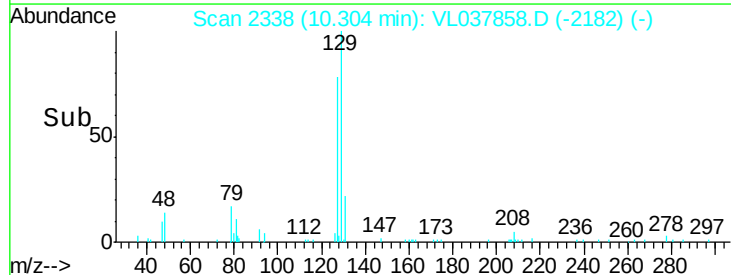
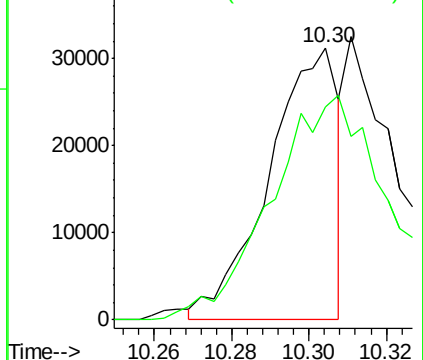
Acq: 18 Oct 2021 18:47

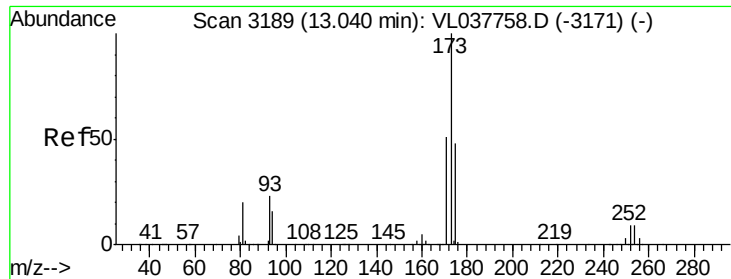
Tgt Ion:	129	Resp:	38609
Ion	Ratio	Lower	Upper
129	100		
127	150.9	39.5	118.5#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 0.098 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47

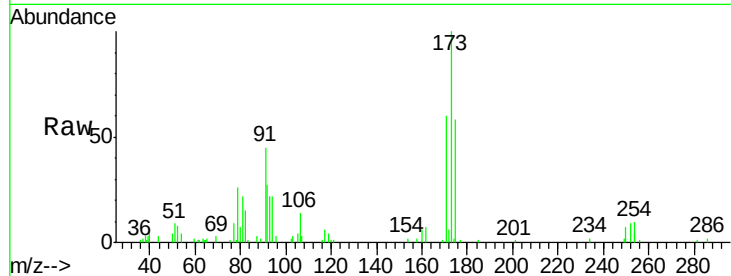
Tgt Ion:173 Resp: 13811

Ion Ratio Lower Upper

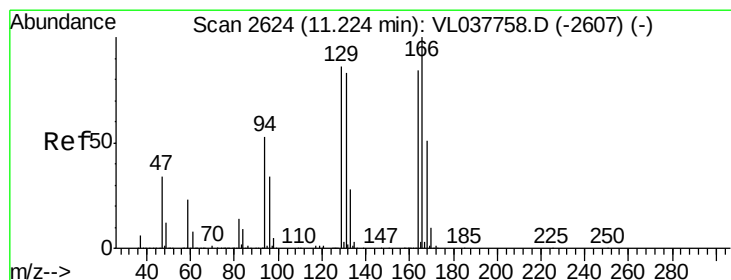
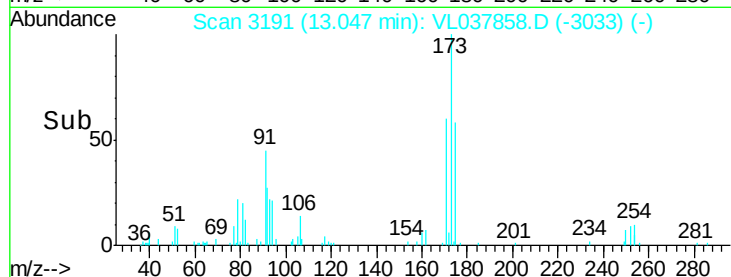
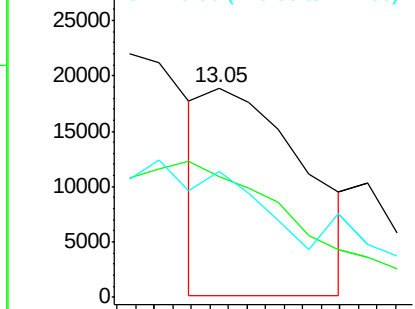
173 100

175 196.0 39.9 59.9#

171 214.0 43.4 65.2#



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 170.90 (170.60 to 171.60): V



#52

Tetrachloroethene

Concen: 0.232 ppbv

RT: 11.22 min Scan# 2624

Delta R.T. 0.00 min

Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

Tgt Ion:164 Resp: 28612

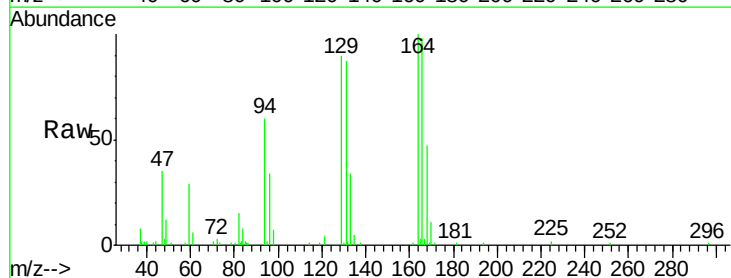
Ion Ratio Lower Upper

164 100

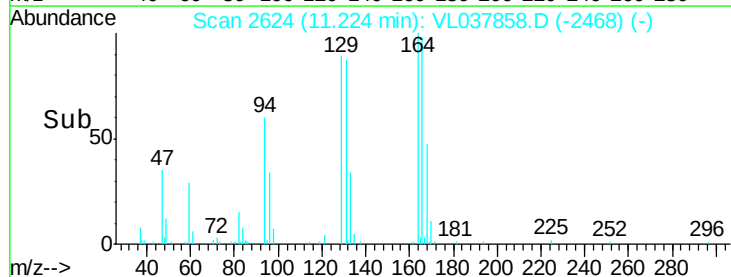
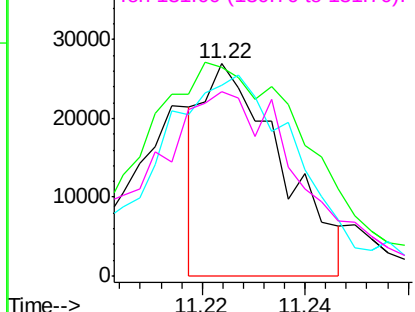
166 75.0 95.4 143.2#

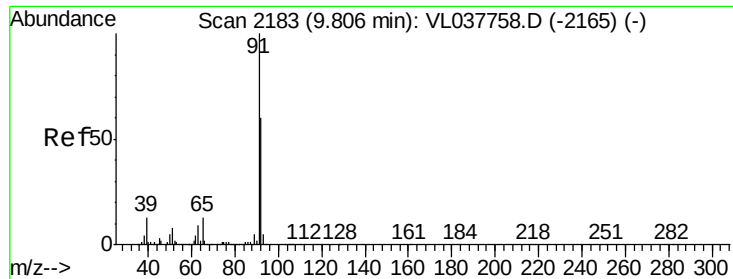
129 82.9 82.2 123.4

131 79.6 79.4 119.2



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 0.336 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

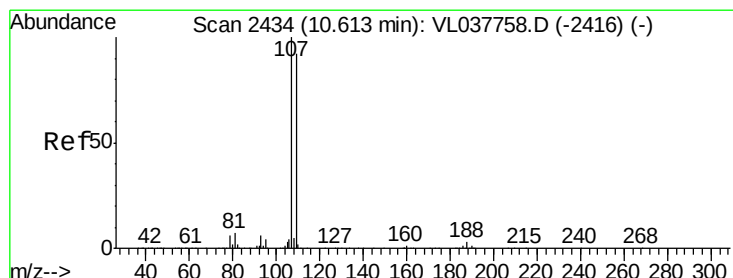
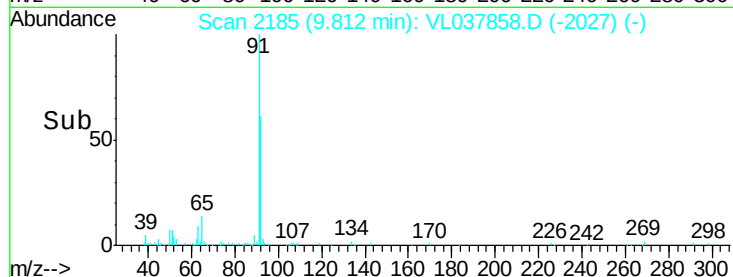
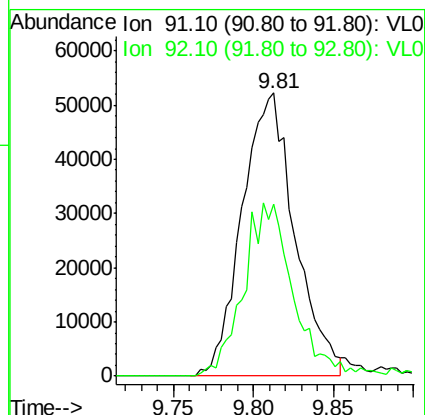
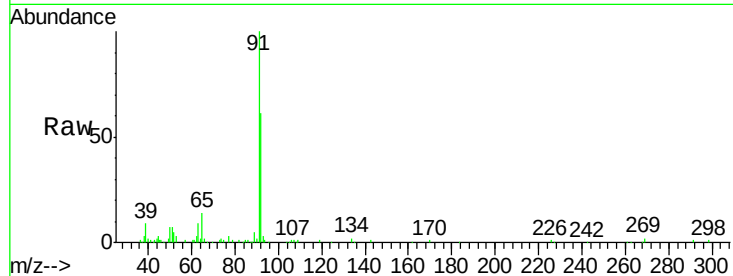
Acq: 18 Oct 2021 18:47 LOD-MDL-AIR-01-QT4-2021

Tgt Ion: 91 Resp: 118256

Ion Ratio Lower Upper

91 100

92 58.6 48.4 72.6



#54

1,2-Dibromoethane

Concen: 0.205 ppbv

RT: 10.61 min Scan# 2434

Delta R.T. 0.00 min

Lab File: VL037858.D

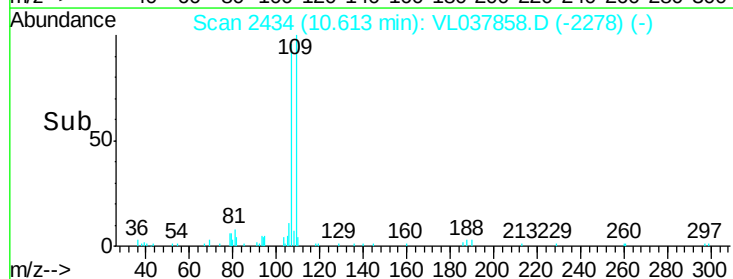
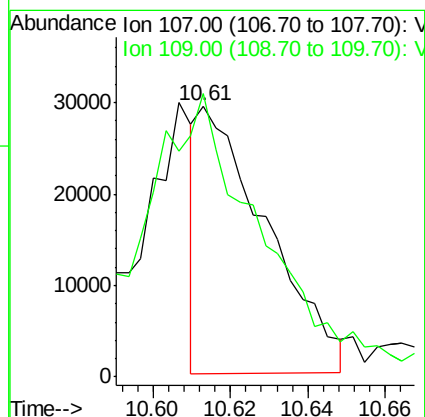
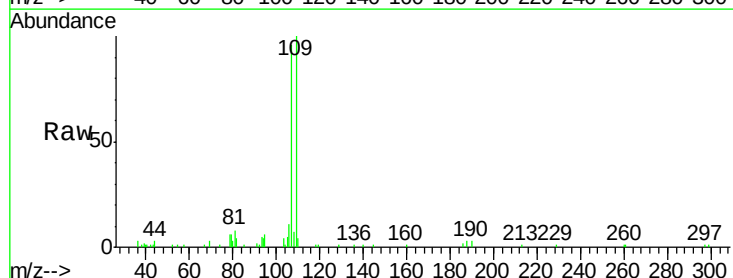
Acq: 18 Oct 2021 18:47

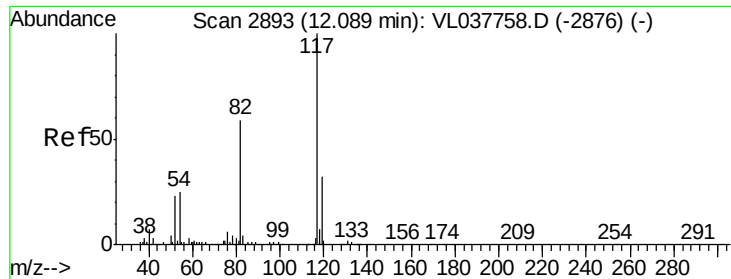
Tgt Ion: 107 Resp: 35873

Ion Ratio Lower Upper

107 100

109 106.1 73.8 110.6

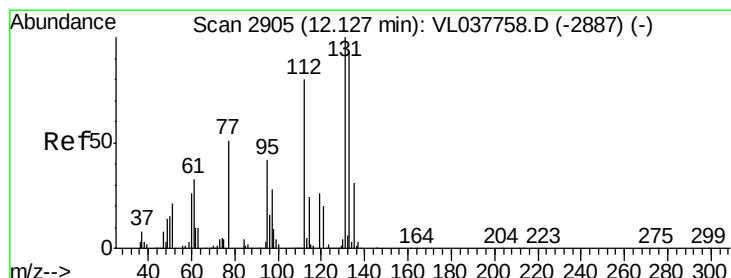
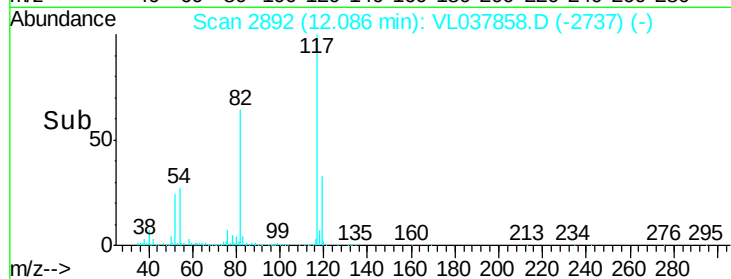
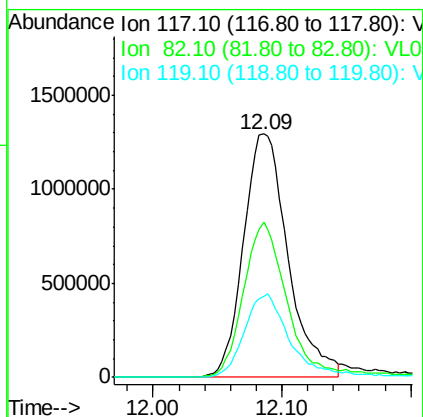
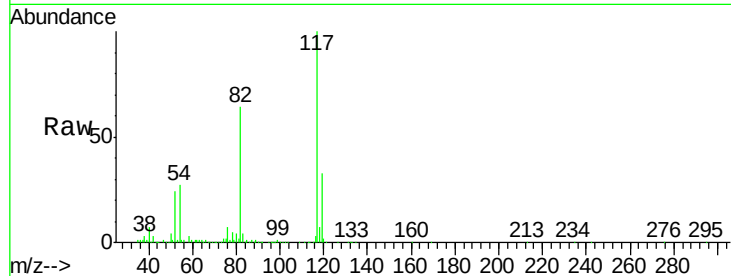




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 18 Oct 2021 18:47
 LOD-MDL-AIR-01-QT4-2021

Tgt Ion:117 Resp: 3113922

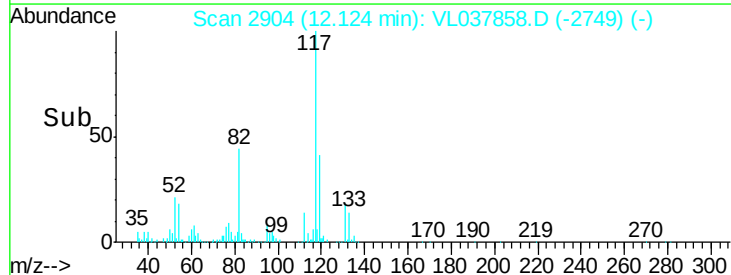
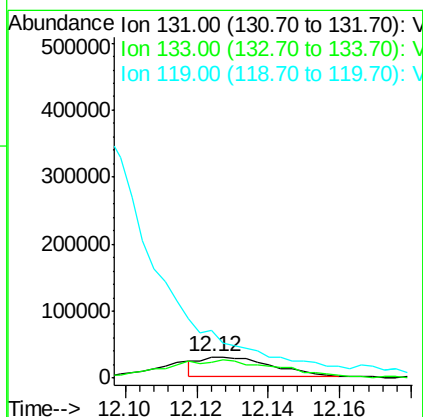
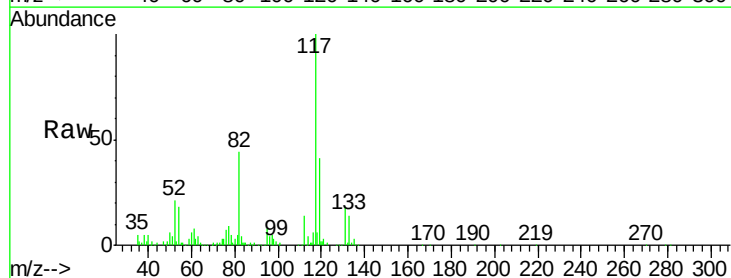
Ion	Ratio	Lower	Upper
117	100		
82	64.3	52.2	78.2
119	36.0	26.0	39.0

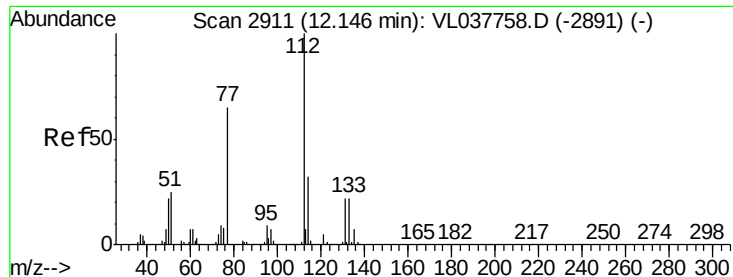


#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.309 ppbv
 RT: 12.12 min Scan# 2904
 Delta R.T.: -0.00 min
 Lab File: VL037858.D
 Acq: 18 Oct 2021 18:47

Tgt Ion:131 Resp: 39822

Ion	Ratio	Lower	Upper
131	100		
133	164.2	78.5	117.7#
119	2795.4	51.7	77.5#





#57

Chlorobenzene

Concen: 0.118 ppbv

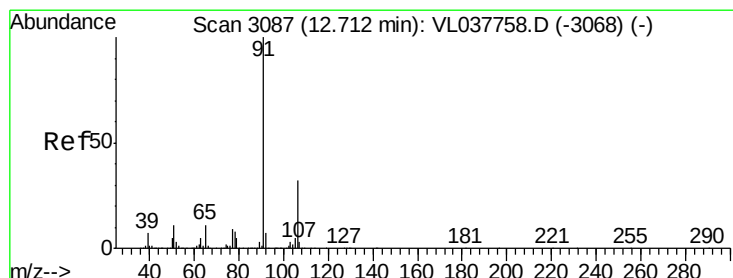
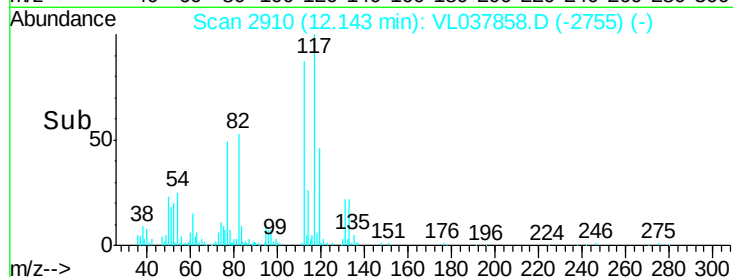
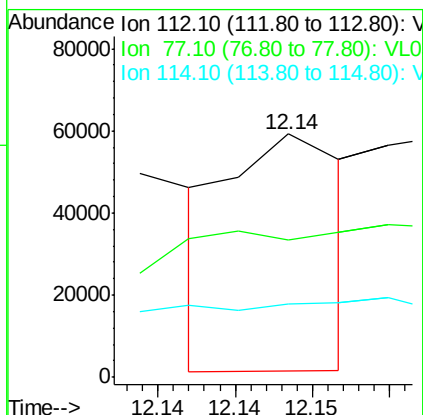
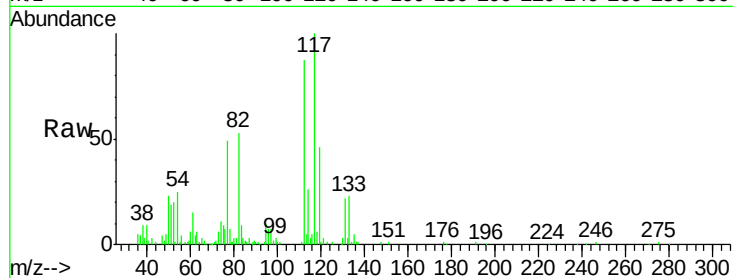
RT: 12.14 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47

Tgt Ion:	112	Resp:	30260
Ion Ratio	Lower	Upper	
112	100		
77	0.0	51.8	77.8#
114	2.9	28.8	35.2#



#58

Ethyl Benzene

Concen: 0.364 ppbv

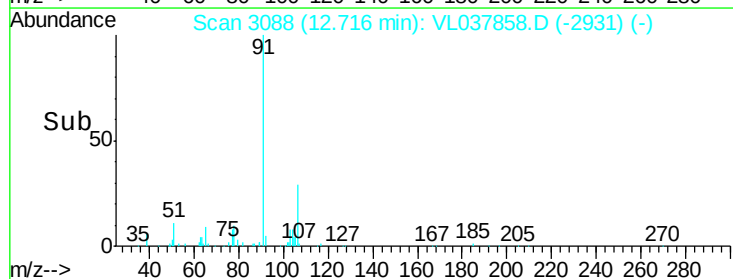
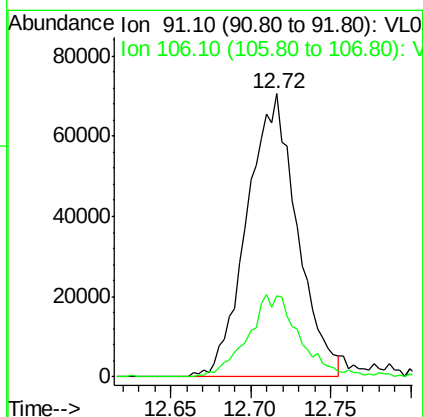
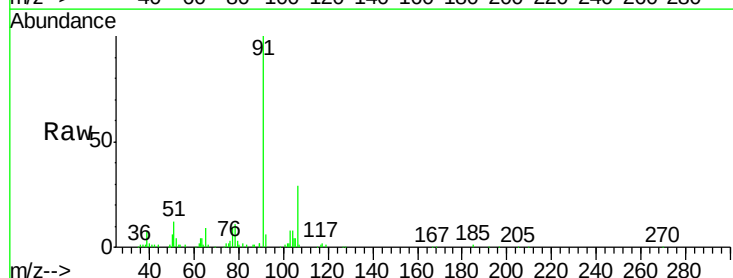
RT: 12.72 min Scan# 3088

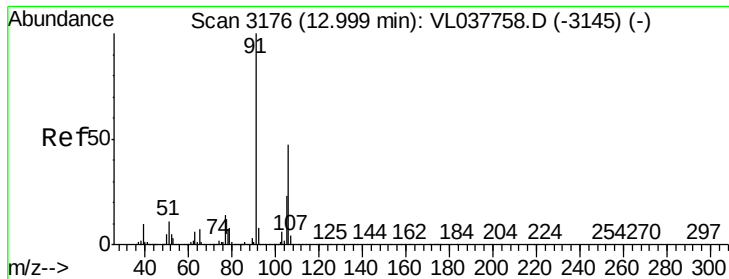
Delta R.T. 0.00 min

Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

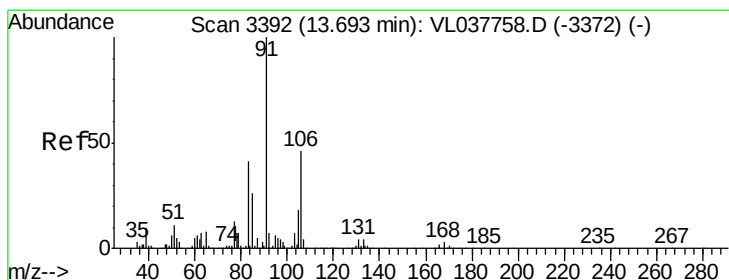
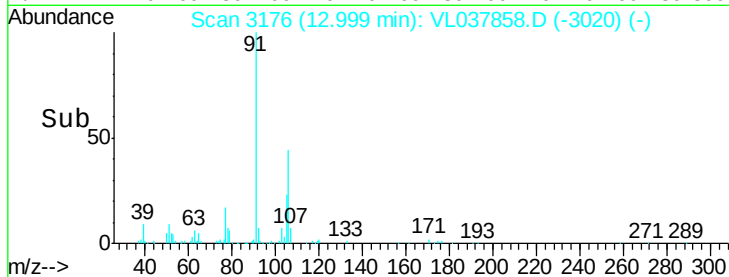
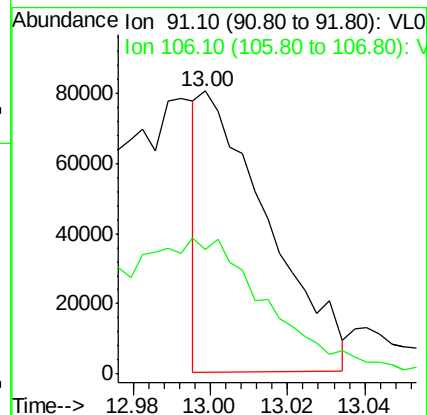
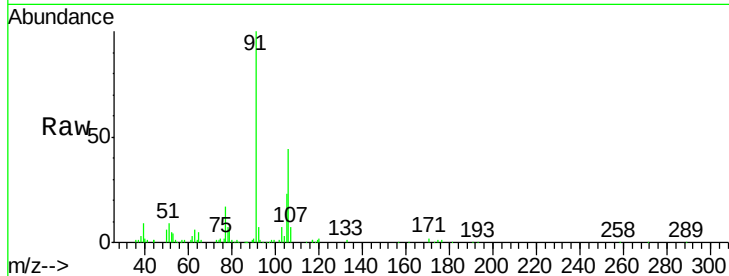
Tgt Ion:	91	Resp:	152078
Ion Ratio	Lower	Upper	
91	100		
106	28.8	25.3	37.9





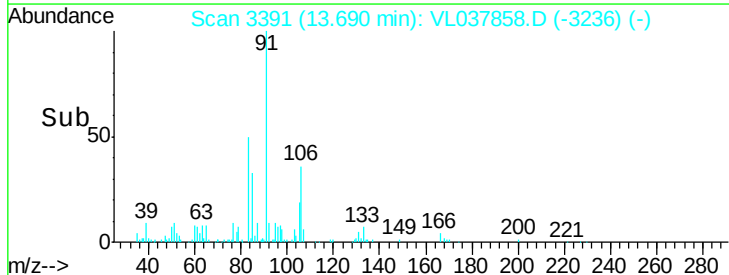
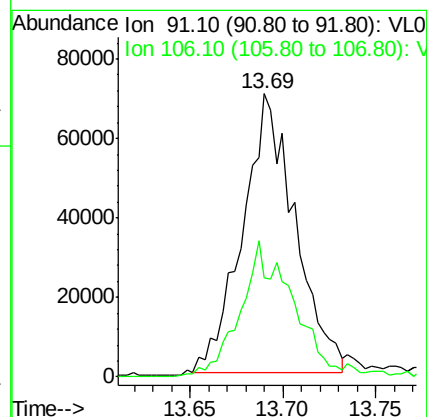
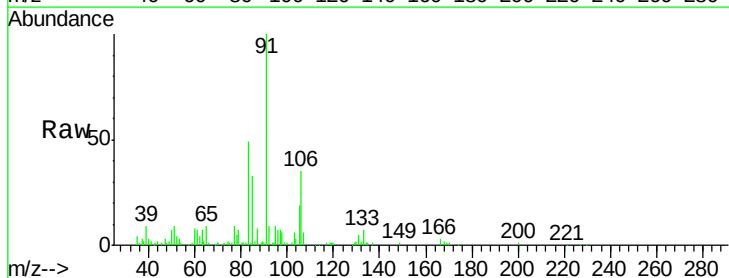
#59
m/p-Xylene
Concen: 0.272 ppbv
RT: 13.00
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 18 Oct 2021 18:47
LOD-MDL-AIR-01-OT4-2021

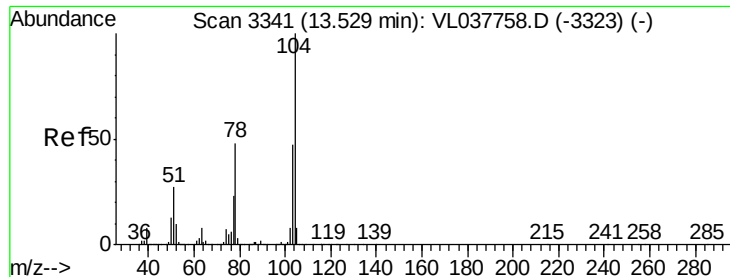
Tgt Ion: 91 Resp: 97619
Ion Ratio Lower Upper
91 100
106 140.4 36.7 55.1#



#60
o-Xylene
Concen: 0.402 ppbv
RT: 13.69 min Scan# 3391
Delta R.T. -0.00 min
Lab File: VL037858.D
Acq: 18 Oct 2021 18:47

Tgt Ion: 91 Resp: 138291
Ion Ratio Lower Upper
91 100
106 49.5 23.5 70.5





#61

Styrene

Concen: 0.146 ppbv

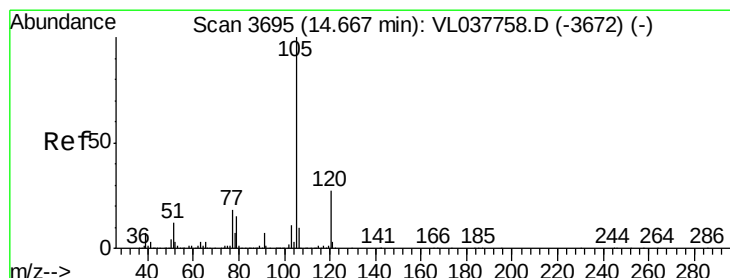
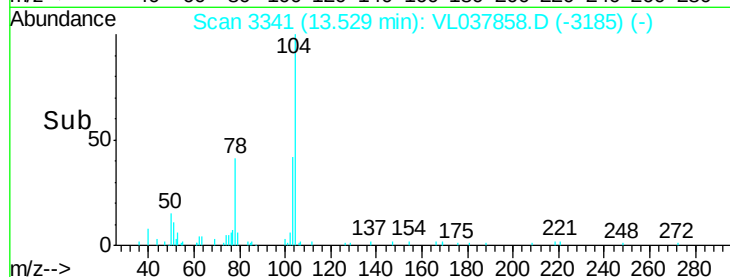
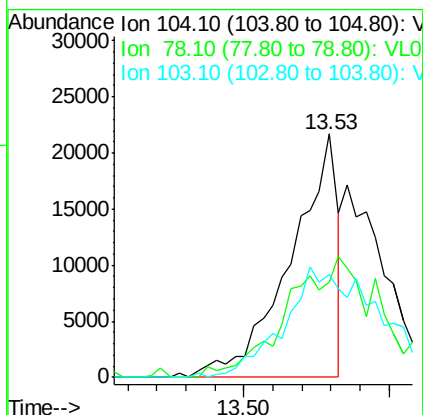
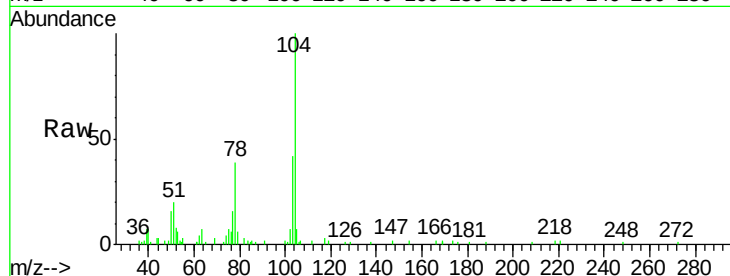
RT: 13.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47

Tgt Ion:	104	Resp:	24244
Ion Ratio	Lower	Upper	
104	100		
78	0.0	40.6	61.0#
103	97.9	39.6	59.4#



#62

Isopropylbenzene

Concen: 0.450 ppbv

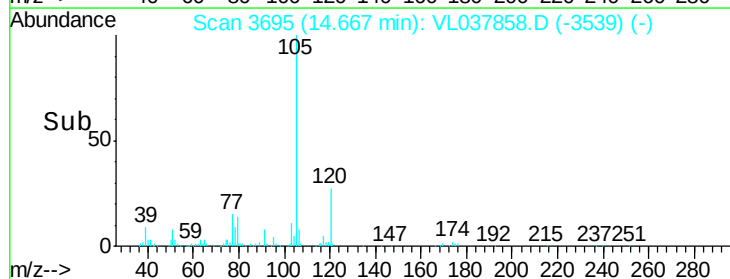
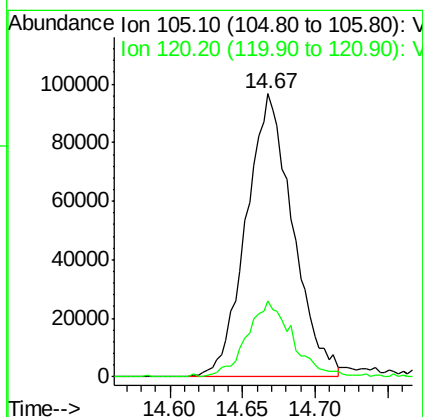
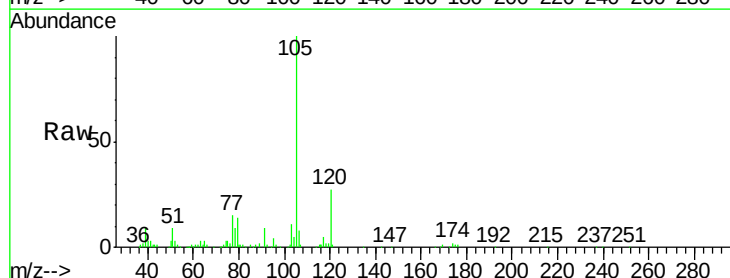
RT: 14.67 min Scan# 3695

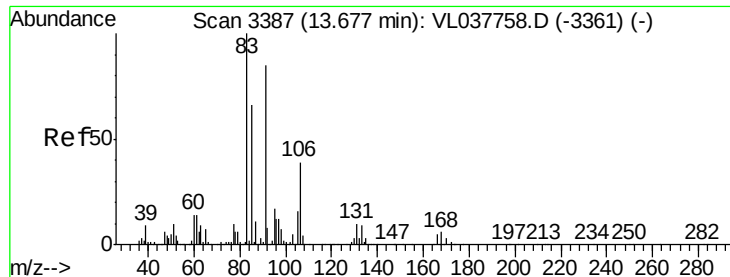
Delta R.T. 0.00 min

Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

Tgt Ion:	105	Resp:	215826
Ion Ratio	Lower	Upper	
105	100		
120	26.6	21.3	31.9





#63

1,1,2,2-Tetrachloroethane

Concen: 0.269 ppbv

RT: 13.68

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47

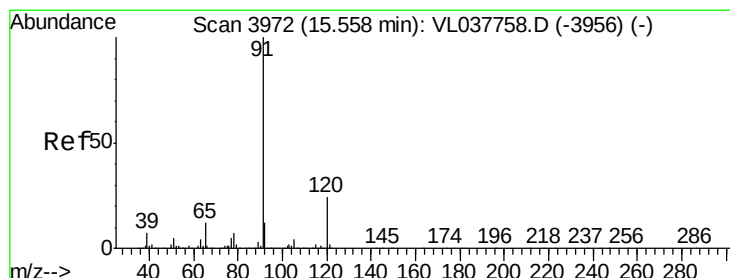
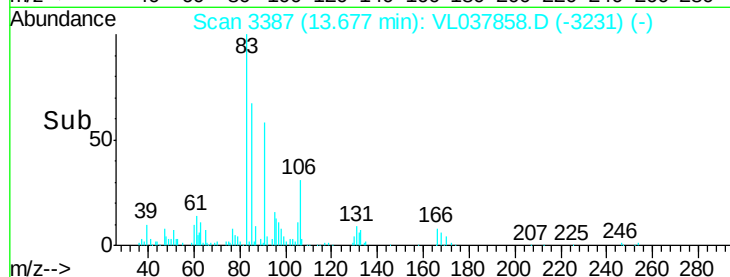
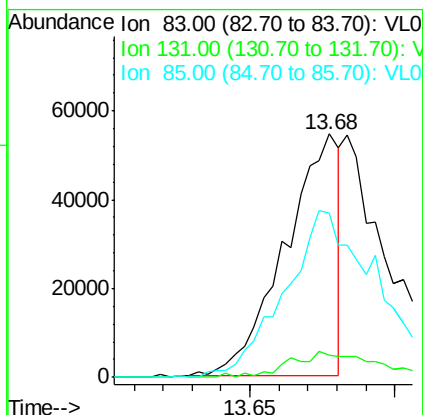
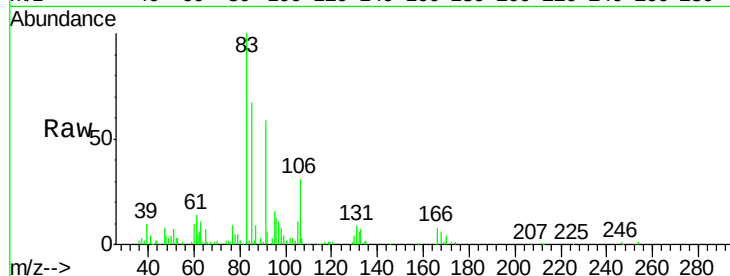
Tgt Ion: 83 Resp: 71310

Ion Ratio Lower Upper

83 100

131 18.9 5.0 15.0#

85 126.5 33.1 99.5#



#64

n-propylbenzene

Concen: 0.202 ppbv

RT: 15.56 min Scan# 3973

Delta R.T. 0.00 min

Lab File: VL037858.D

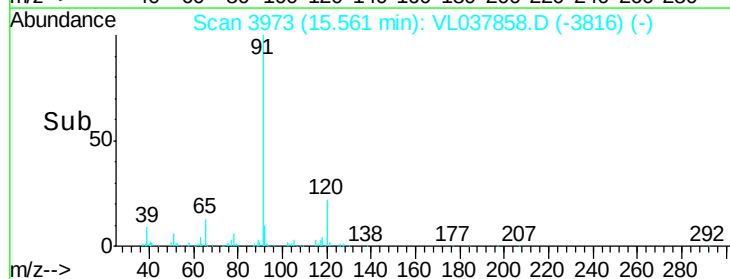
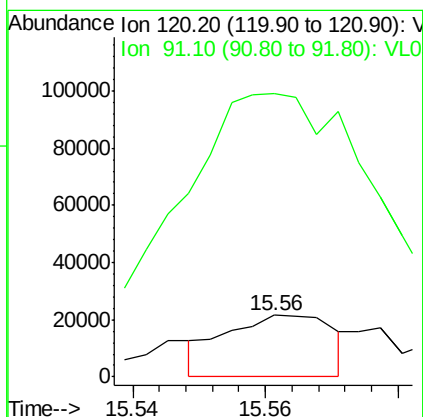
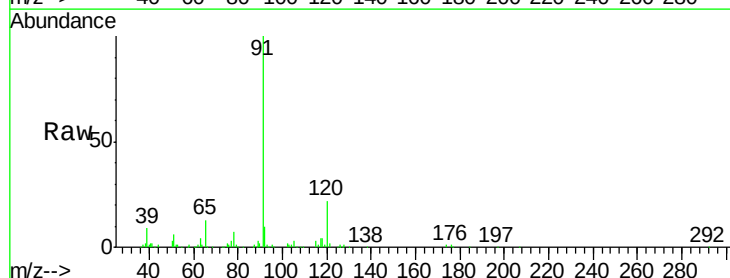
Acq: 18 Oct 2021 18:47

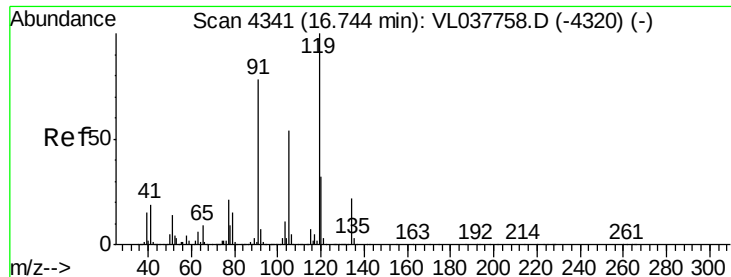
Tgt Ion: 120 Resp: 24188

Ion Ratio Lower Upper

120 100

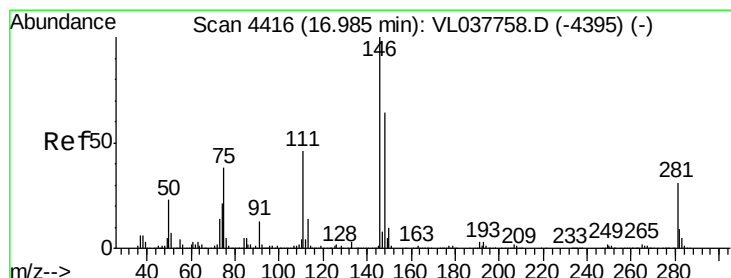
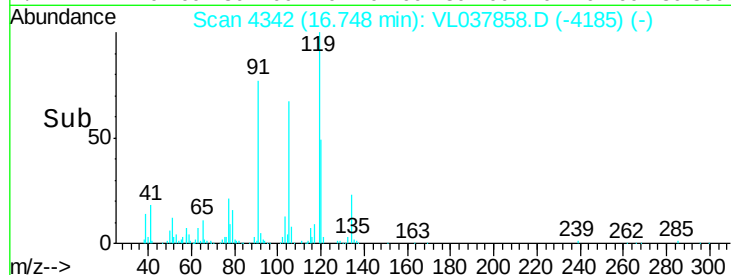
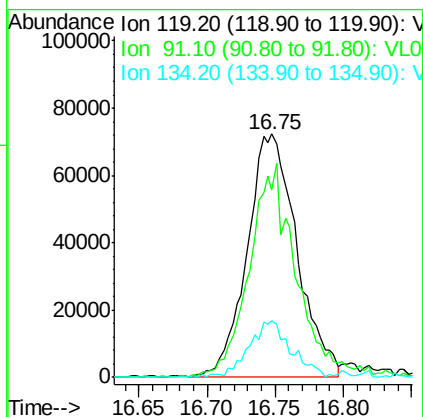
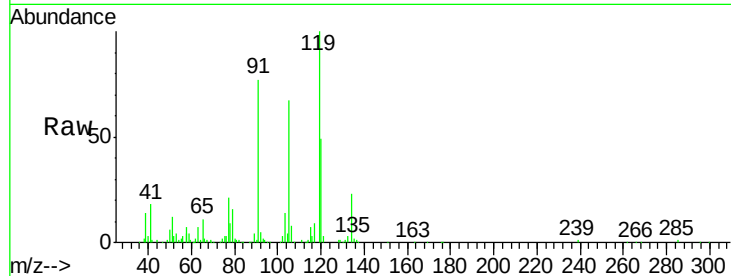
91 991.2 375.0 562.6#





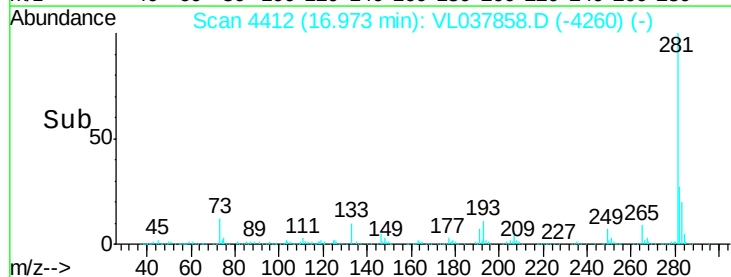
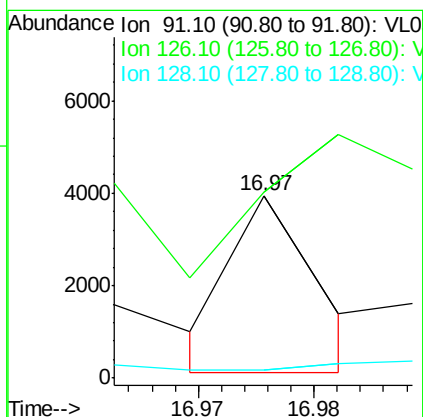
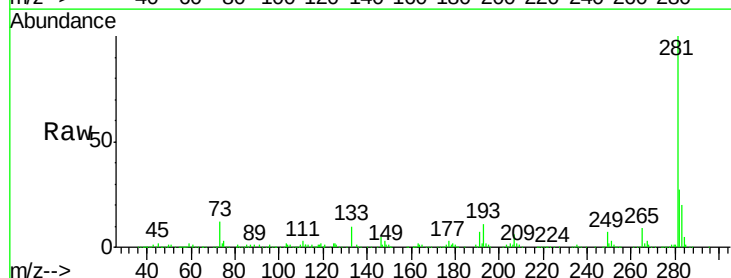
#65
 tert-Butylbenzene
 Concen: 0.430 ppbv
 RT: 16.75 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 18 Oct 2021 18:47

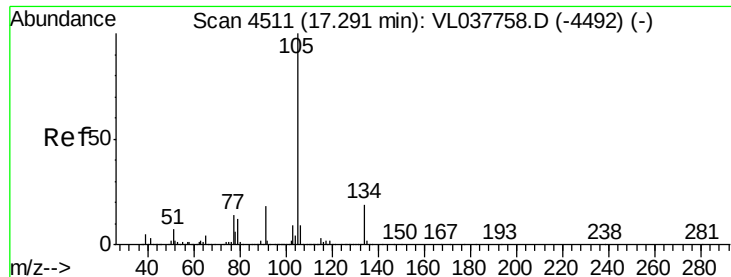
Tgt Ion: 119 Resp: 181754
 Ion Ratio Lower Upper
 119 100
 91 84.2 62.6 94.0
 134 21.3 16.3 24.5



#66
 Benzyl Chloride
 Concen: 0.047 ppbv
 RT: 16.97 min Scan# 4412
 Delta R.T. -0.01 min
 Lab File: VL037858.D
 Acq: 18 Oct 2021 18:47

Tgt Ion: 91 Resp: 985
 Ion Ratio Lower Upper
 91 100
 126 920.4 0.0 0.0#
 128 0.0 5.3 7.9#





#67

sec-Butylbenzene

Concen: 0.456 ppbv

RT: 17.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

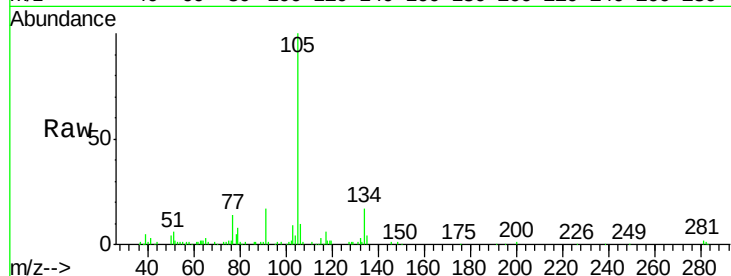
Acq: 18 Oct 2021 18:47

Tgt Ion: 105 Resp: 263501

Ion Ratio Lower Upper

105 100

134 18.7 15.4 23.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

17.30

120000

100000

80000

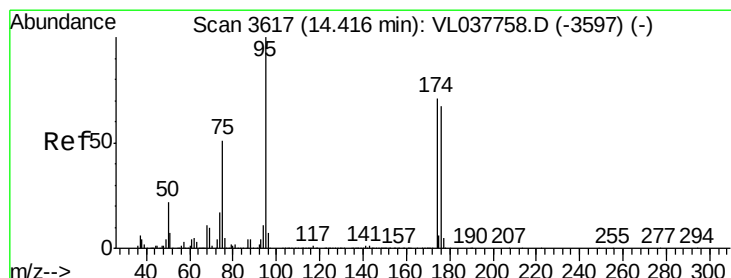
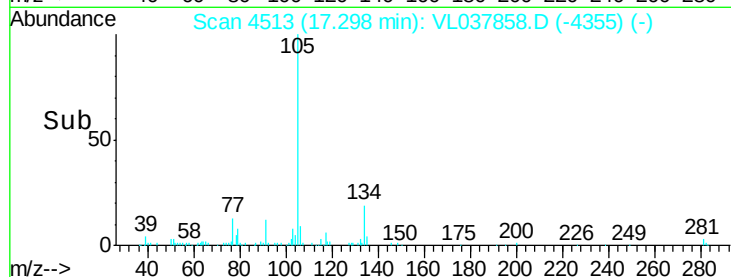
60000

40000

20000

0

Time--> 17.20 17.25 17.30 17.35



#68

1-Bromo-4-Fluorobenzene

Concen: 10.457 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. -0.00 min

Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

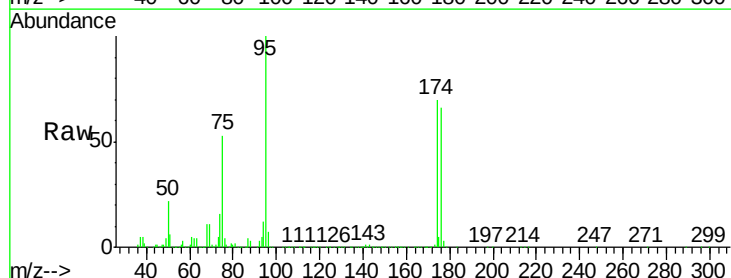
Tgt Ion: 95 Resp: 2276999

Ion Ratio Lower Upper

95 100

174 74.2 57.8 86.6

175 5.6 4.7 7.1



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

14.41

1200000

1000000

800000

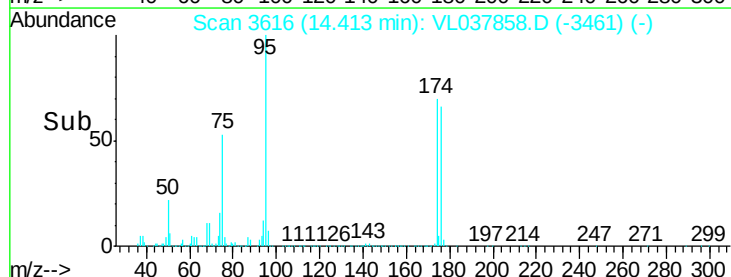
600000

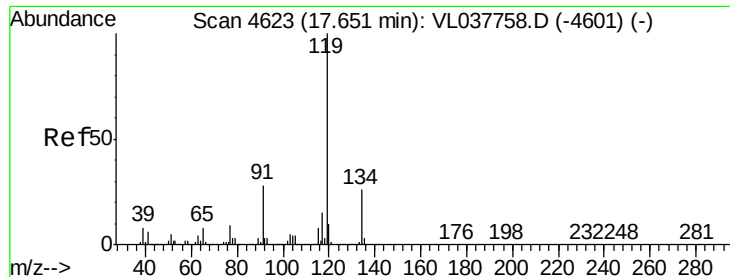
400000

200000

0

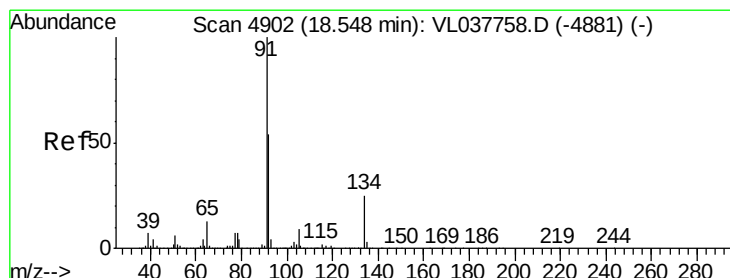
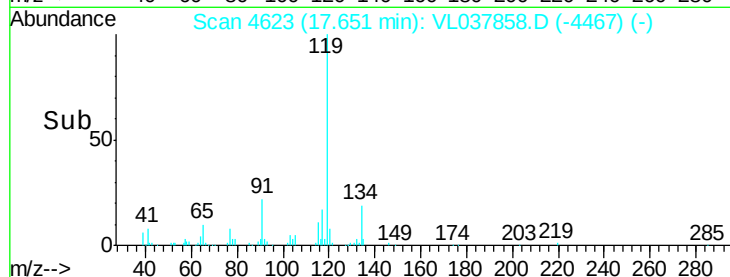
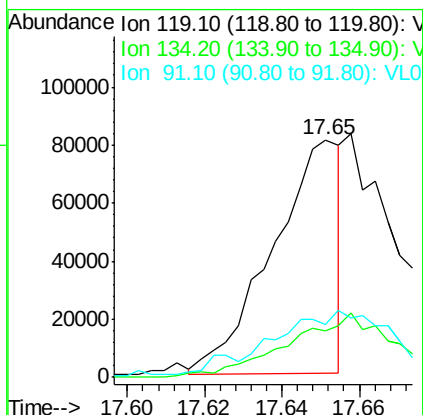
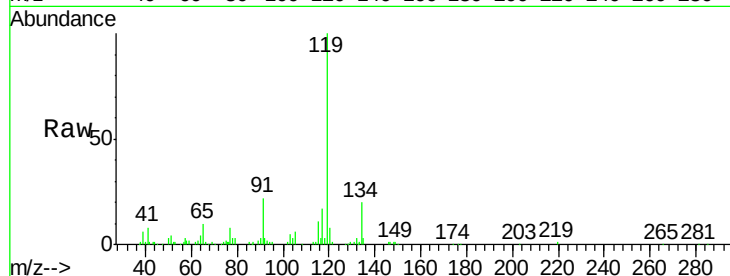
Time--> 14.30 14.40 14.50





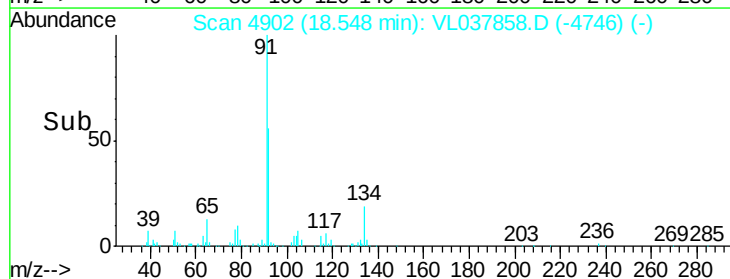
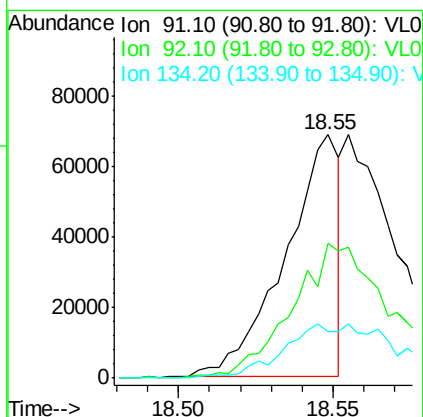
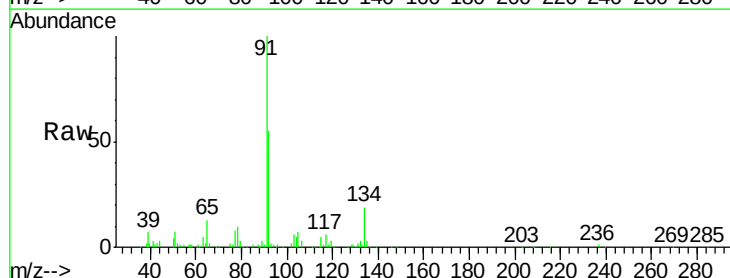
#69
 p-Isopropyltoluene
 Concen: 0.211 ppbv
 RT: 17.65 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 18 Oct 2021 18:47

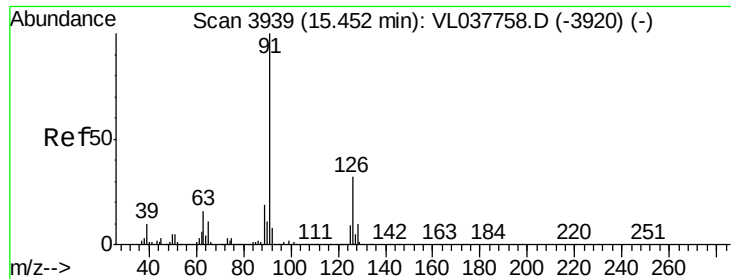
Tgt Ion	Ratio	Lower	Upper
119	100		
134	0.0	21.2	31.8#
91	0.0	22.2	33.4#



#70
 n-Butylbenzene
 Concen: 0.187 ppbv
 RT: 18.55 min Scan# 4902
 Delta R.T. 0.00 min
 Lab File: VL037858.D
 Acq: 18 Oct 2021 18:47

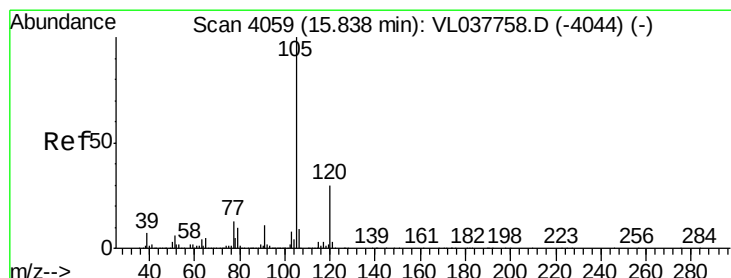
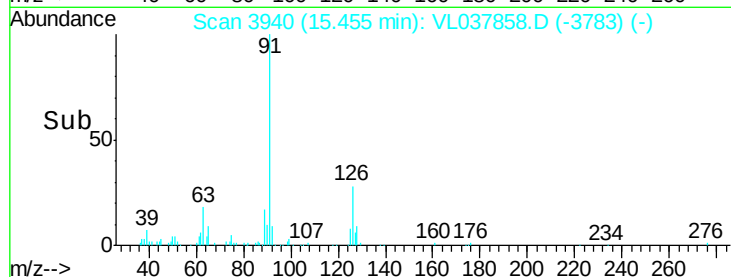
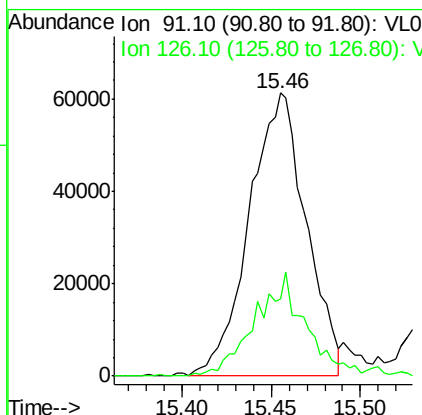
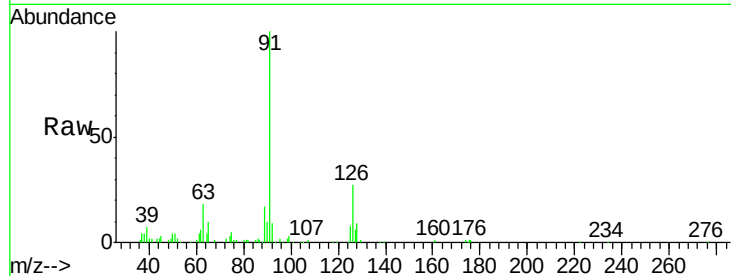
Tgt Ion	Ratio	Lower	Upper
91	100		
92	107.4	43.4	65.0#
134	0.0	19.8	29.6#





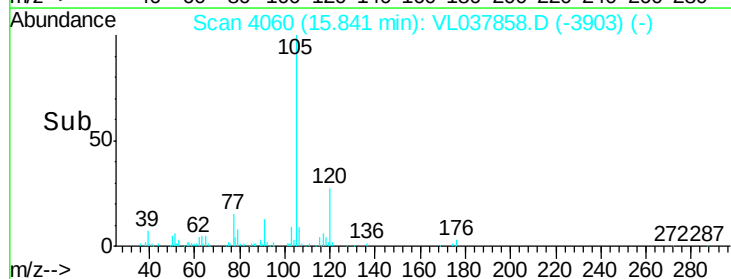
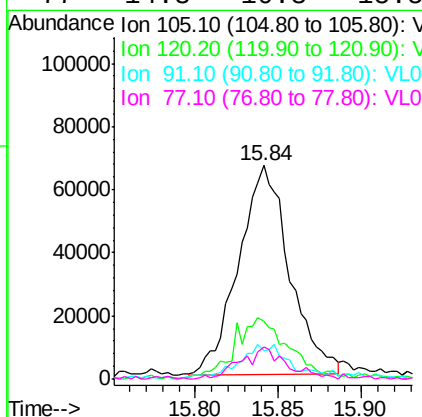
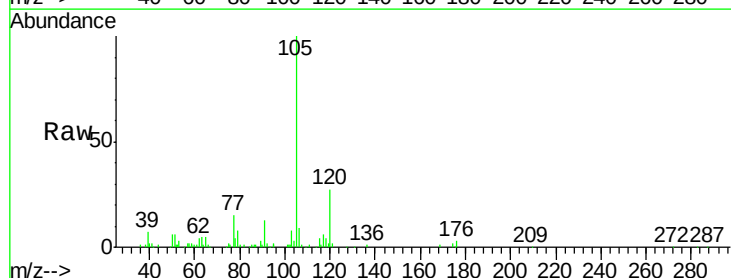
#71
 2-Chlorotoluene
 Concen: 0.399 ppbv
 RT: 15.46 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 LOD-MDL-AIR-01-QT4-2021
 Acq: 18 Oct 2021 18:47

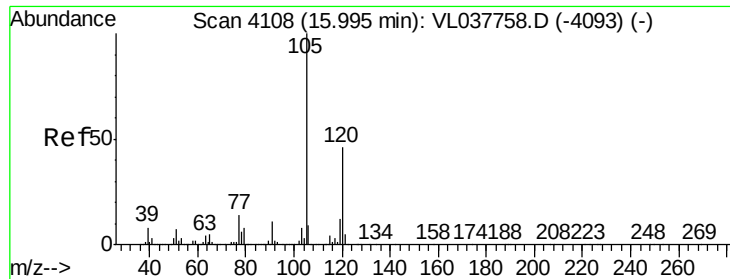
Tgt Ion: 91 Resp: 135333
 Ion Ratio Lower Upper
 91 100
 126 33.6 13.6 54.6



#72
 4-Ethyltoluene
 Concen: 0.363 ppbv
 RT: 15.84 min Scan# 4060
 Delta R.T. 0.00 min
 Lab File: VL037858.D
 Acq: 18 Oct 2021 18:47

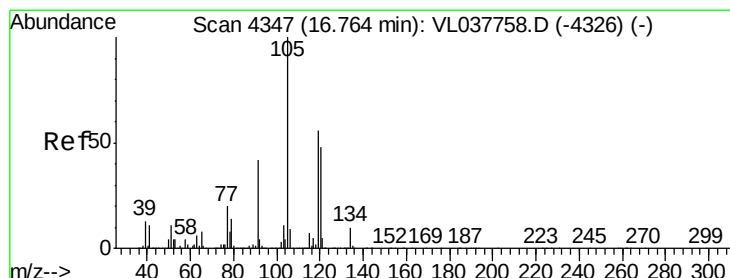
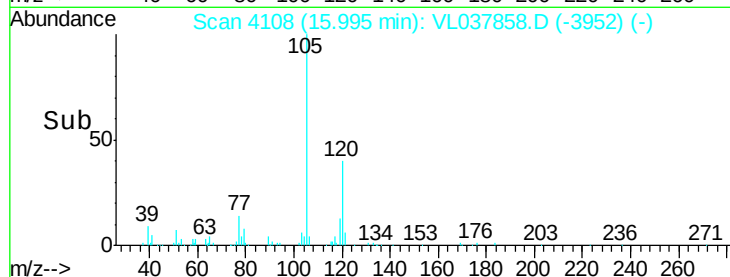
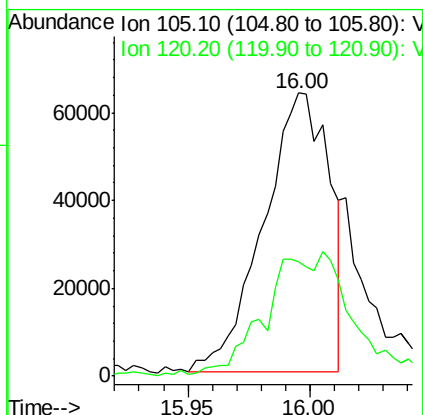
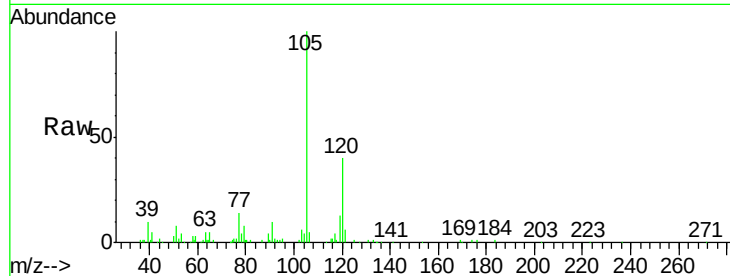
Tgt Ion: 105 Resp: 141623
 Ion Ratio Lower Upper
 105 100
 120 33.5 24.2 36.2
 91 18.6 10.4 15.6#
 77 14.3 10.3 15.5





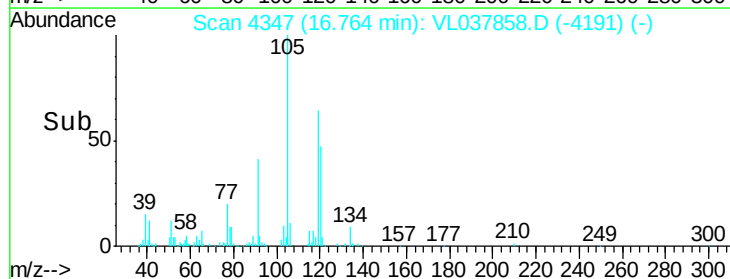
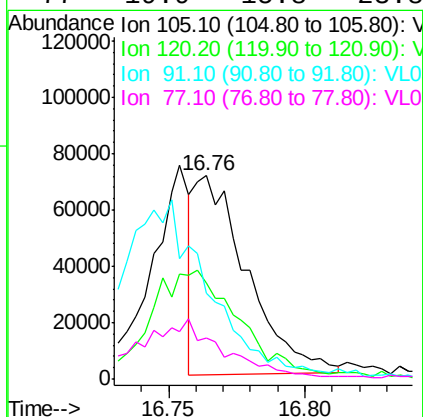
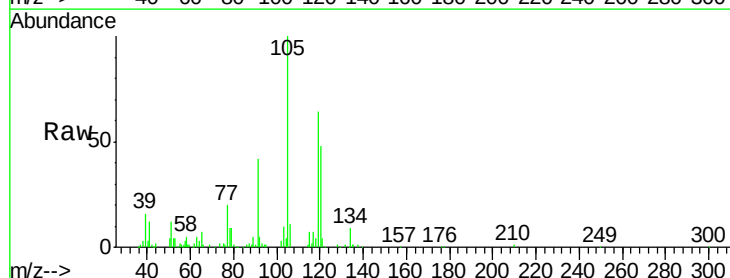
#73
 1,3,5-Trimethylbenzene
 Concen: 0.335 ppbv
 RT: 16.00
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 LOD-MDL-AIR-01-QT4-2021
 Acq: 18 Oct 2021 18:47

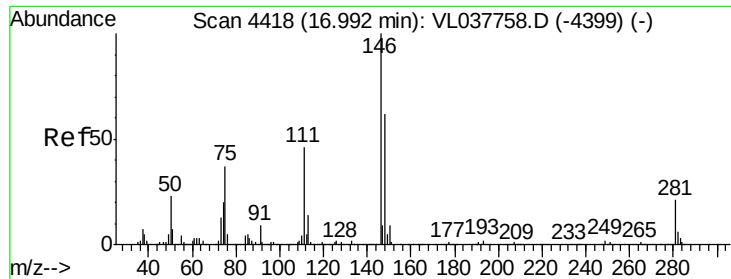
Tgt Ion:105 Resp: 118957
 Ion Ratio Lower Upper
 105 100
 120 40.4 36.6 54.8



#74
 1,2,4-Trimethylbenzene
 Concen: 0.252 ppbv
 RT: 16.76 min Scan# 4347
 Delta R.T. 0.00 min
 Lab File: VL037858.D
 Acq: 18 Oct 2021 18:47

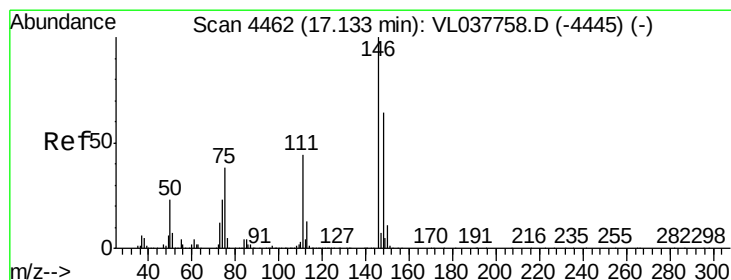
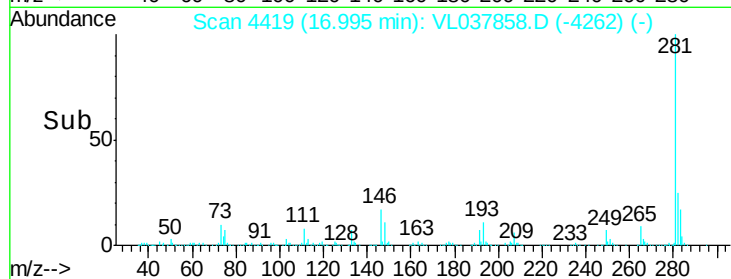
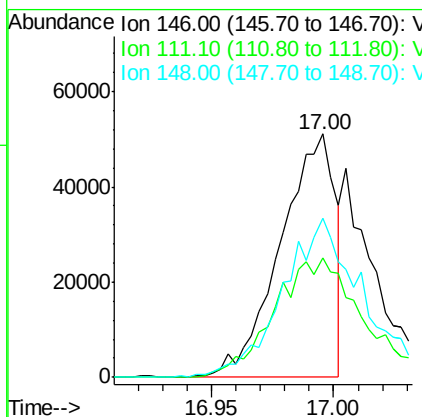
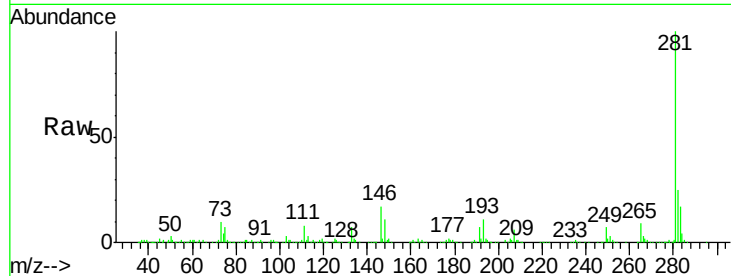
Tgt Ion:105 Resp: 93829
 Ion Ratio Lower Upper
 105 100
 120 47.7 38.4 57.6
 91 39.8 34.2 51.2
 77 19.9 15.8 23.8





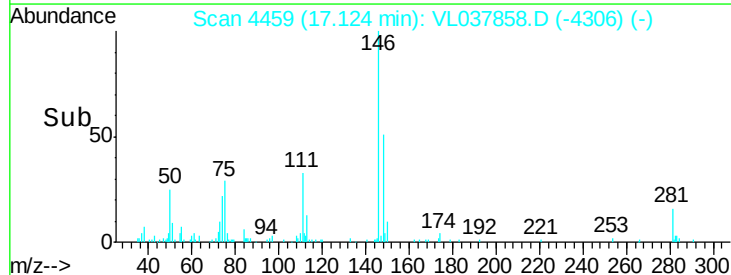
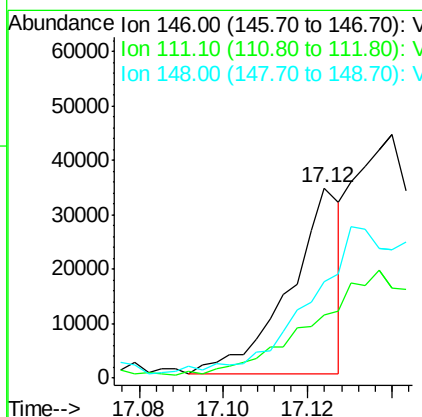
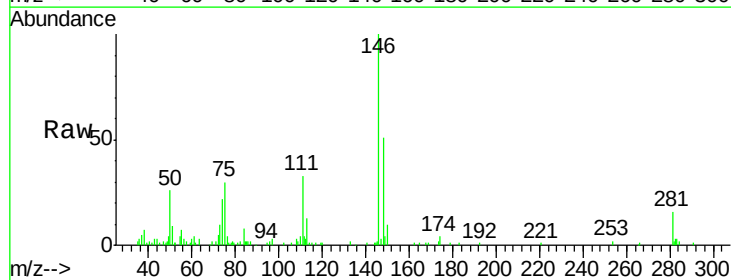
#75
 1,3-Dichlorobenzene
 Concen: 0.344 ppbv
 RT: 17.00 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampled :
 Acq: 18 Oct 2021 18:47
 LOD-MDL-AIR-01-QT4-2021

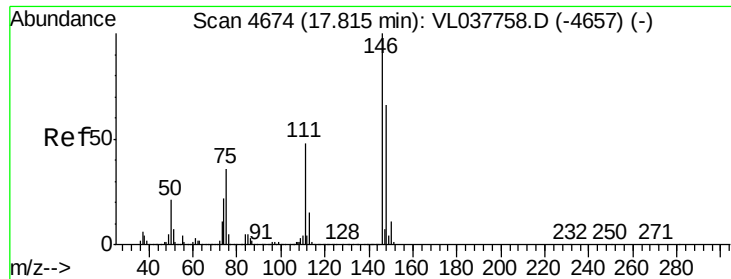
Tgt Ion:146 Resp: 79420
 Ion Ratio Lower Upper
 146 100
 111 83.9 22.8 68.4#
 148 103.6 32.8 98.3#



#76
 1,4-Dichlorobenzene
 Concen: 0.132 ppbv
 RT: 17.12 min Scan# 4459
 Delta R.T. -0.01 min
 Lab File: VL037858.D
 Acq: 18 Oct 2021 18:47

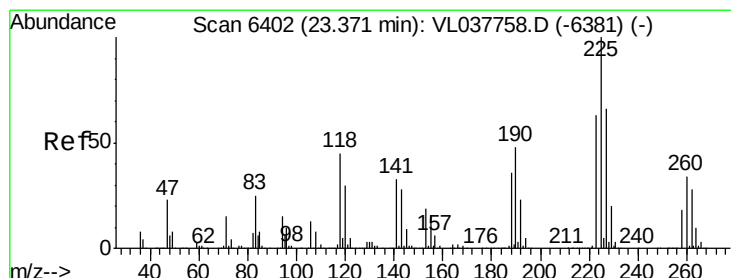
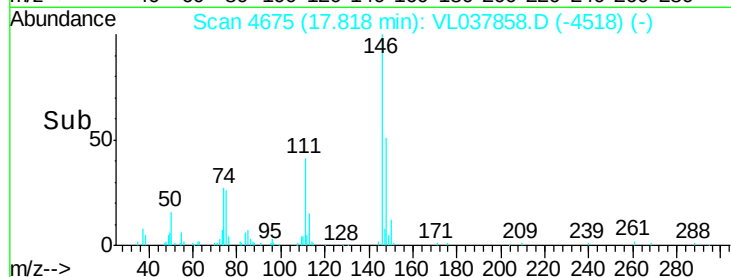
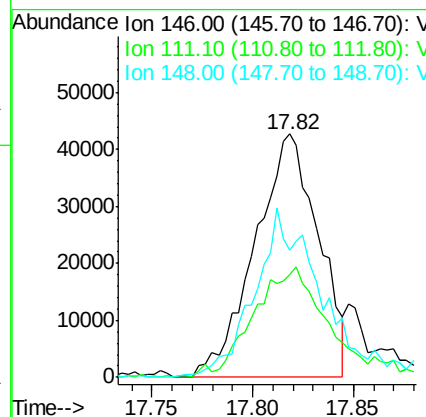
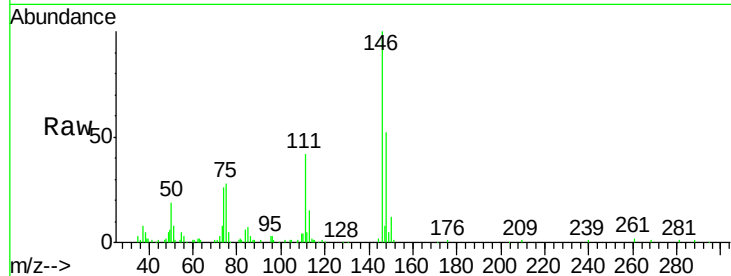
Tgt Ion:146 Resp: 29073
 Ion Ratio Lower Upper
 146 100
 111 0.0 22.4 67.3#
 148 0.0 33.3 99.9#





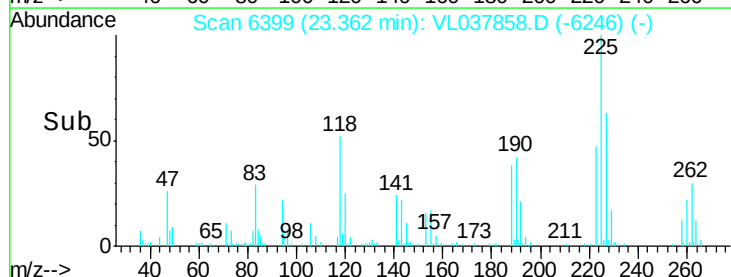
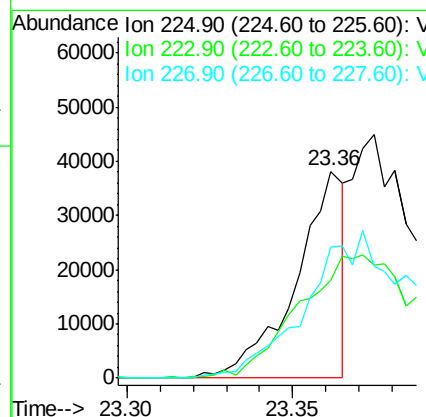
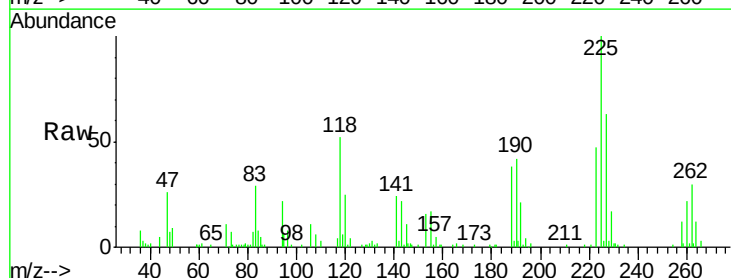
#77
 1,2-Dichlorobenzene
 Concen: 0.420 ppbv
 RT: 17.82 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 LOD-MDL-AIR-01-QT4-2021
 Acq: 18 Oct 2021 18:47

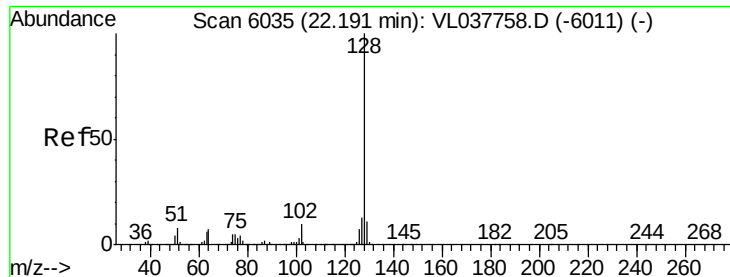
Tgt Ion:146 Resp: 93230
 Ion Ratio Lower Upper
 146 100
 111 55.1 23.6 70.8
 148 76.7 32.9 98.6



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.215 ppbv
 RT: 23.36 min Scan# 6399
 Delta R.T. -0.01 min
 Lab File: VL037858.D
 Acq: 18 Oct 2021 18:47

Tgt Ion:225 Resp: 38879
 Ion Ratio Lower Upper
 225 100
 223 0.0 51.2 76.8#
 227 0.0 51.1 76.7#





#79

Naphthalene

Concen: 0.065 ppbv

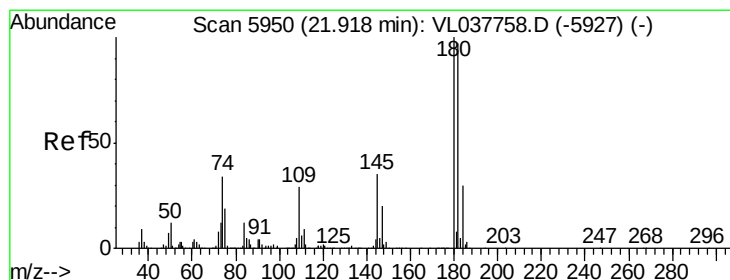
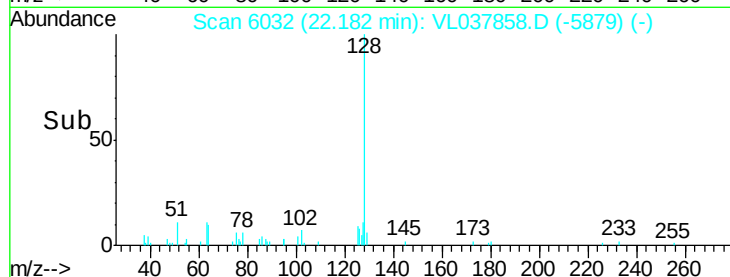
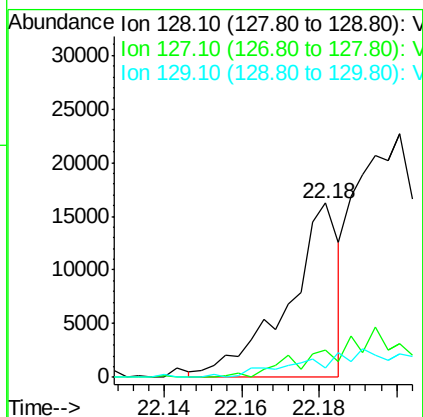
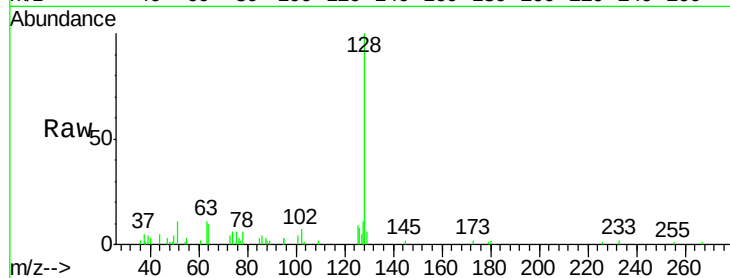
RT: 22.18

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47

Tgt Ion:	128	Resp:	14861
Ion Ratio		Lower	Upper
128	100		
127	16.4	10.1	15.1#
129	5.9	9.1	13.7#



#81

1,2,4-Trichlorobenzene

Concen: 0.163 ppbv

RT: 21.92 min Scan# 5951

Delta R.T. 0.00 min

Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

Tgt Ion:	180	Resp:	23723
Ion Ratio		Lower	Upper
180	100		
182	0.0	77.6	116.4#
184	0.0	25.0	37.4#

