

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111821\
 Data File : VL038067.D
 Acq On : 18 Nov 2021 23:44
 Operator : SY/AP
 Sample : M4704-03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 57-NEONEY

Quant Time: Nov 19 07:32:07 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Nov 18 13:16:09 2021
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	855319	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2415217	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2040113	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1500185	10.19	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	27725	0.196	ppbv	98
3) Chlorodifluoromethane	3.00	51	30414	0.169	ppbv #	90
4) Chloromethane	3.15	50	31564	0.516	ppbv	99
7) Chloroethane	3.56	64	891	0.042	ppbv #	64
9) Propene	3.02	41	3977772	60.131	ppbv	99
10) Heptane	8.12	43	46898	0.287	ppbv #	51
11) Trichlorofluoromethane	3.95	101	23541	0.175	ppbv	94
13) Ethanol	3.61	45	233726	36.561	ppbv	94
15) Acetone	3.85	43	11355446	153.126	ppbv	91
16) 1,3-Butadiene	3.31	39	2023798	34.981	ppbv #	25
17) tert-Butyl alcohol	4.30	59	183670	2.042	ppbv	99
19) Isopropyl Alcohol	3.97	45	160939	3.004	ppbv #	95
20) Methylene Chloride	4.35	84	334086	8.043	ppbv	97
21) Allyl Chloride	4.41	41	7808	0.114	ppbv #	1
23) Vinyl Acetate	5.06	43	30371	0.283	ppbv #	11
25) Ethyl Acetate	5.69	43	247217	1.003	ppbv #	79
26) Hexane	5.69	57	358537	3.018	ppbv #	42
27) Carbon Disulfide	4.55	76	63551	0.597	ppbv #	83
30) Cyclohexane	7.13	84	15017	0.139	ppbv #	1
32) 1,1,1-Trichloroethane	6.51	97	5296	0.030	ppbv #	48
34) 2-Butanone	5.25	43	614029	6.305	ppbv	97
36) Benzene	6.89	78	111864	0.464	ppbv	96
39) 1,2-Dichloropropane	7.18	63	579297	6.268	ppbv #	27
41) Tetrahydrofuran	5.99	42	1729	0.029	ppbv #	1
43) Methyl Methacrylate	8.05	69	4334	0.053	ppbv #	1
44) 2,2,4-Trimethylpentane	7.87	57	76249	0.189	ppbv #	26
50) 4-Methyl-2-Pentanone	8.75	43	9531	0.064	ppbv #	38
51) 2-Hexanone	10.15	43	64674	0.929	ppbv #	86
53) Toluene	9.80	91	766903	2.767	ppbv	98
58) Ethyl Benzene	12.71	91	145845	0.433	ppbv #	88
59) m/p-Xylene	12.96	91	389937	1.374	ppbv	95
60) o-Xylene	13.69	91	142075	0.540	ppbv	99
61) Styrene	13.53	104	4571	0.032	ppbv #	25
62) Isopropylbenzene	14.66	105	7839	0.021	ppbv #	54
64) n-propylbenzene	15.56	120	3192	0.034	ppbv #	1
65) tert-Butylbenzene	16.75	119	8259	0.025	ppbv #	1
72) 4-Ethyltoluene	15.83	105	31740	0.104	ppbv #	63
73) 1,3,5-Trimethylbenzene	15.99	105	16397	0.059	ppbv #	86
74) 1,2,4-Trimethylbenzene	16.75	105	125111	0.435	ppbv #	69

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

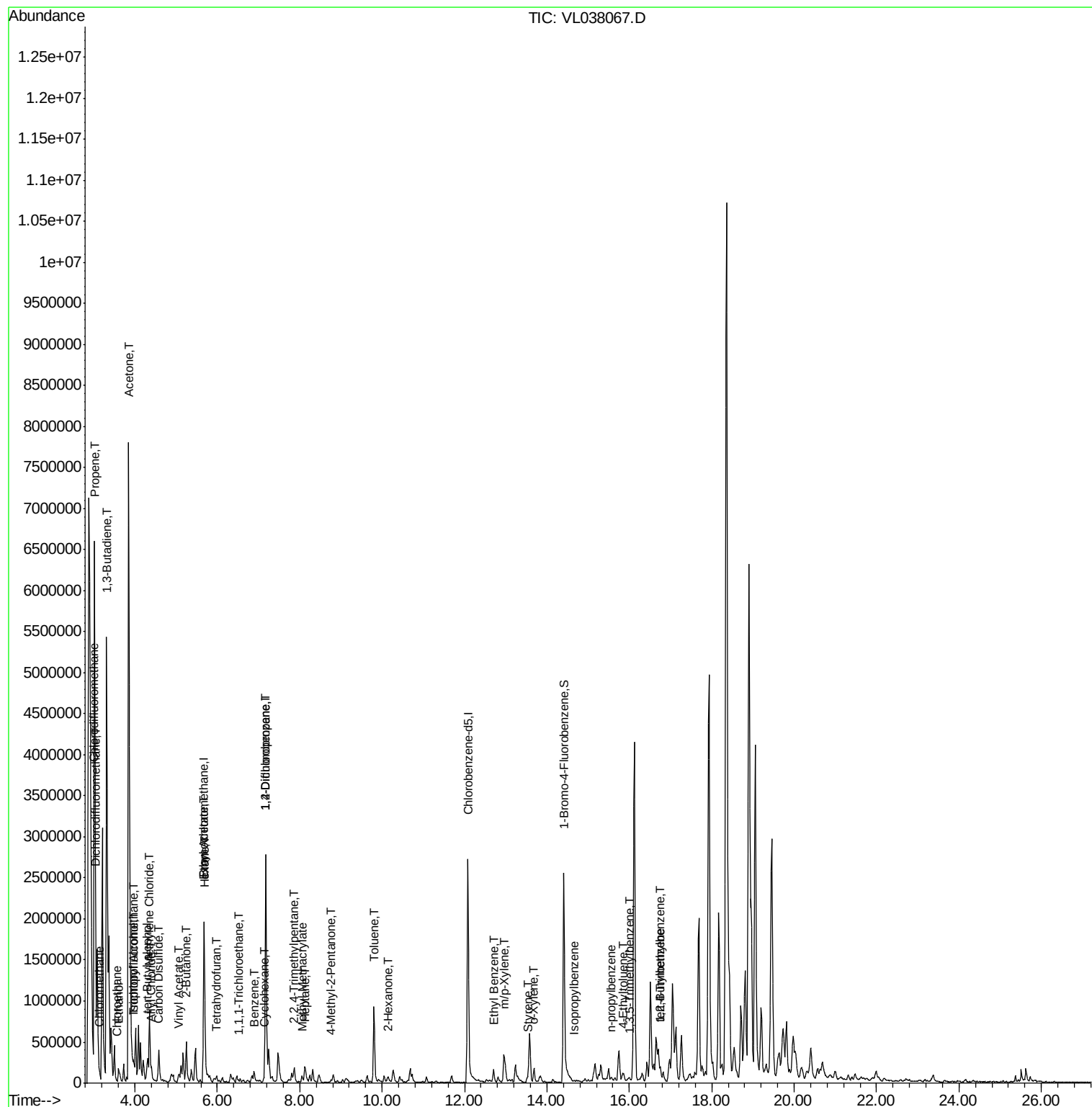
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

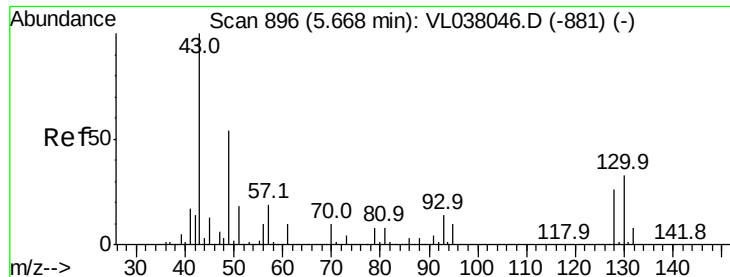
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111821\
Data File : VL038067.D
Acq On : 18 Nov 2021 23:44
Operator : SY/AP
Sample : M4704-03
Misc : 400mL/MSVOA L
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Instrument :
MSVOA_L
ClientSampleId :
57-NEONEY

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: 57-NEONEY

Acq: 18 Nov 2021 23:44

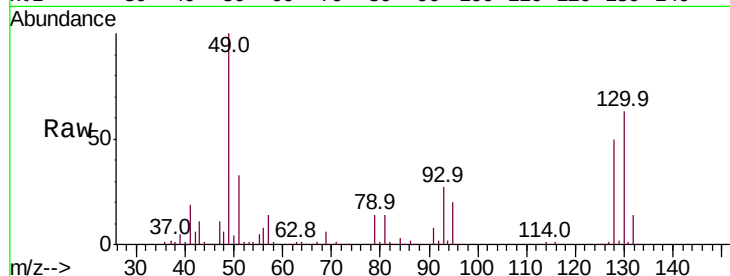
Tot Ion: 49 Resp: 855319

Ion Ratio Lower Upper

49 100

128 49.3 26.5 79.5

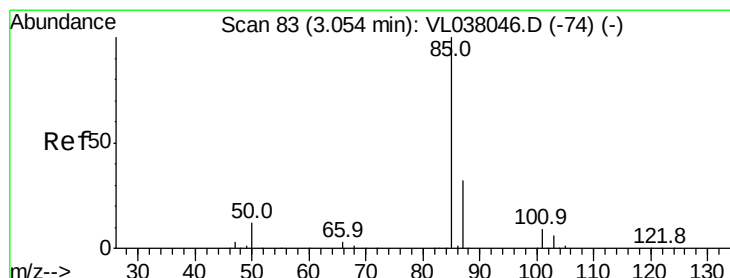
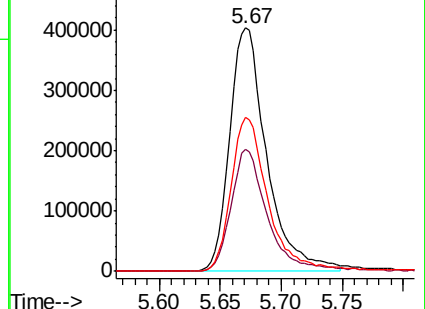
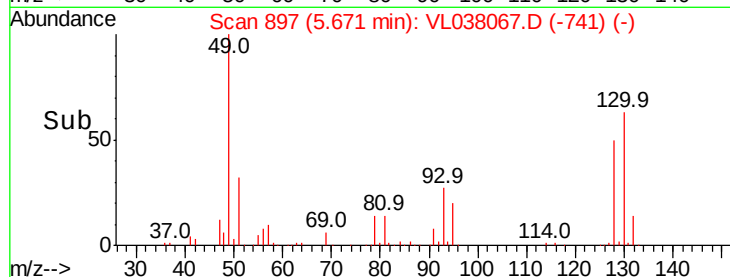
130 63.7 32.5 97.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.196 ppbv

RT: 3.05 min Scan# 83

Delta R.T. -0.00 min

Lab File: VL038067.D

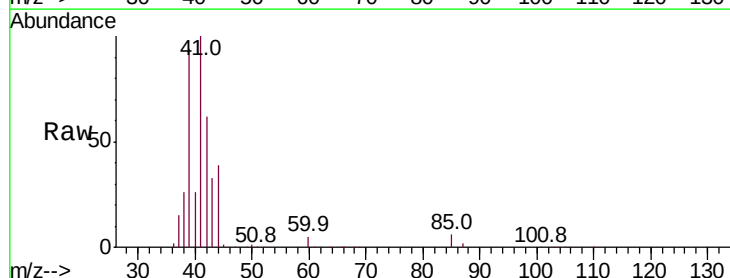
Acq: 18 Nov 2021 23:44

Tgt Ion: 85 Resp: 27725

Ion Ratio Lower Upper

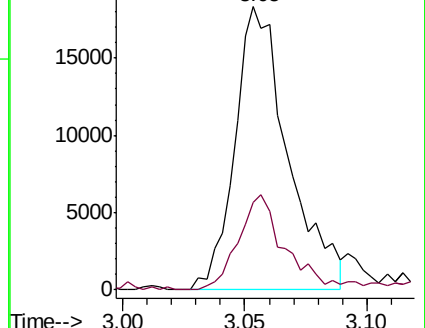
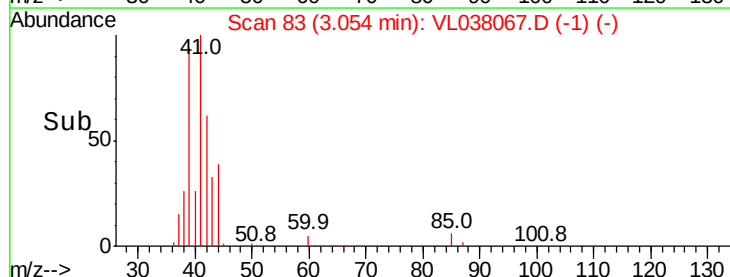
85 100

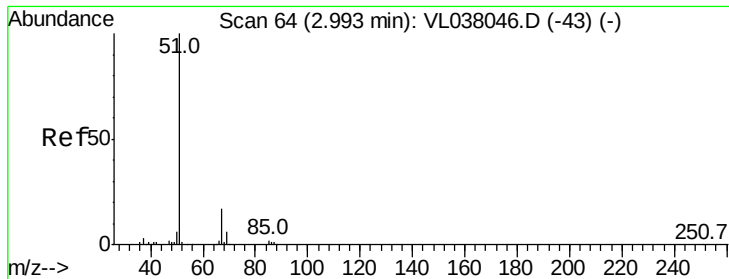
87 30.8 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.169 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

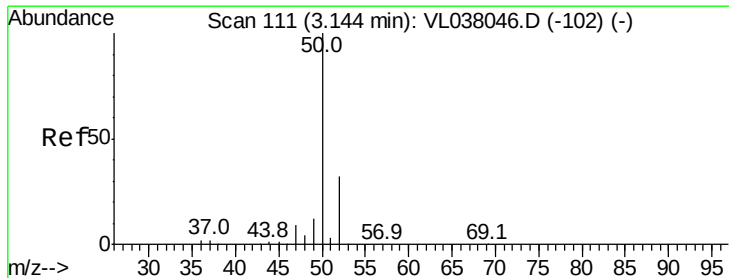
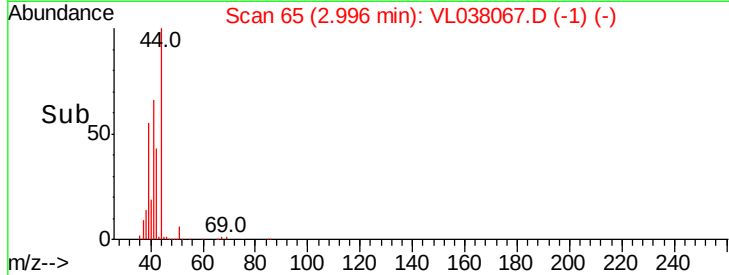
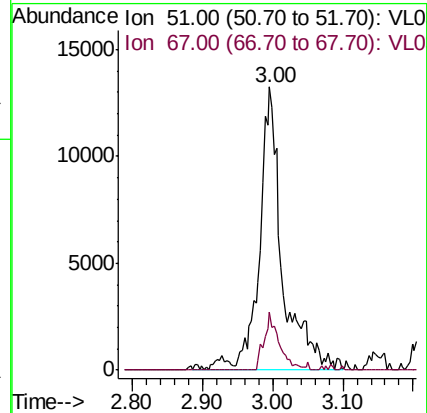
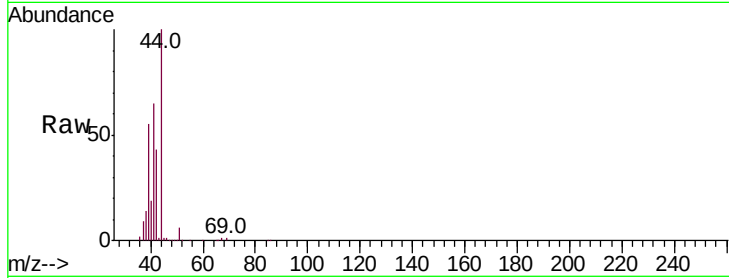
Acq: 18 Nov 2021 23:44

Tot Ion: 51 Resp: 30414

Ion Ratio Lower Upper

51 100

67 13.1 13.8 20.8#



#4

Chloromethane

Concen: 0.516 ppbv

RT: 3.15 min Scan# 112

Delta R.T. 0.00 min

Lab File: VL038067.D

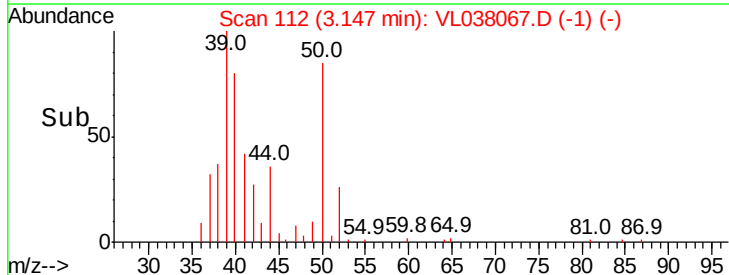
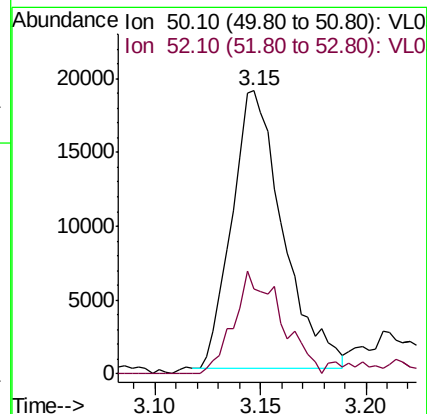
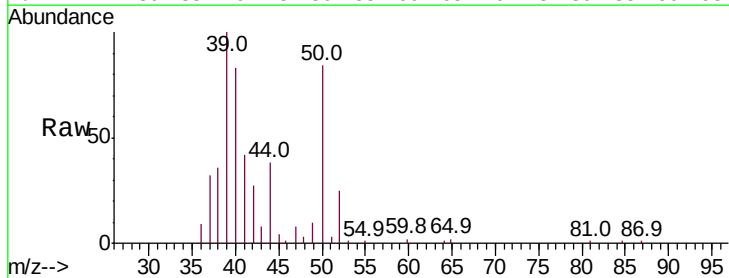
Acq: 18 Nov 2021 23:44

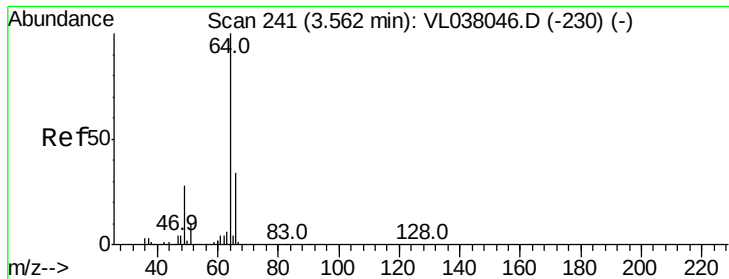
Tgt Ion: 50 Resp: 31564

Ion Ratio Lower Upper

50 100

52 31.4 25.4 38.0





#7

Chloroethane

Concen: 0.042 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

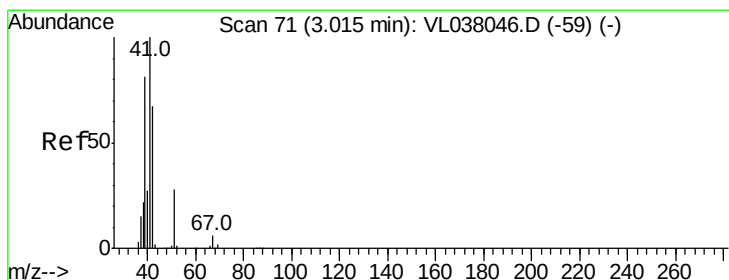
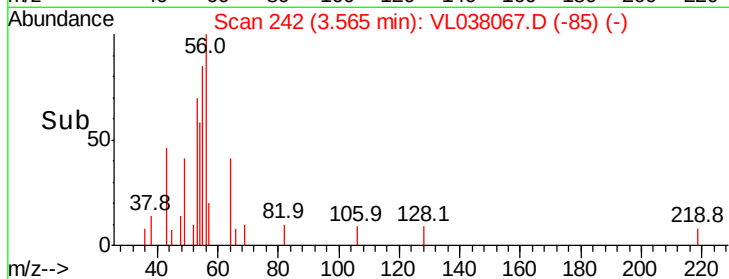
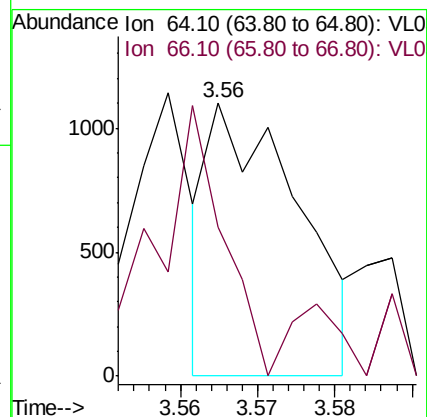
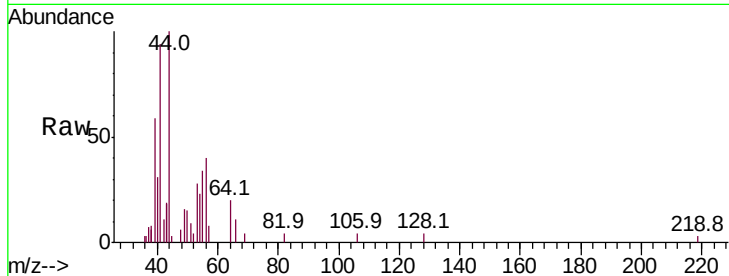
Acq: 18 Nov 2021 23:44

Tot Ion: 64 Resp: 891

Ion Ratio Lower Upper

64 100

66 54.5 27.2 40.8#



#9

Propene

Concen: 60.131 ppbv

RT: 3.02 min Scan# 72

Delta R.T. 0.00 min

Lab File: VL038067.D

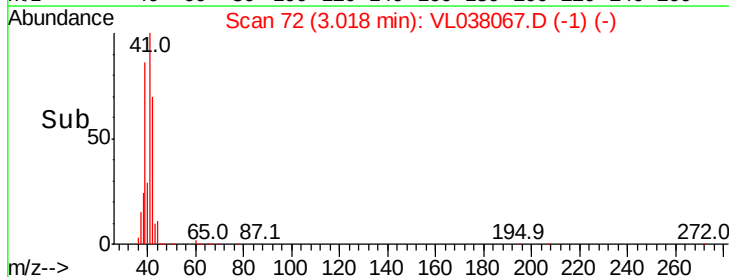
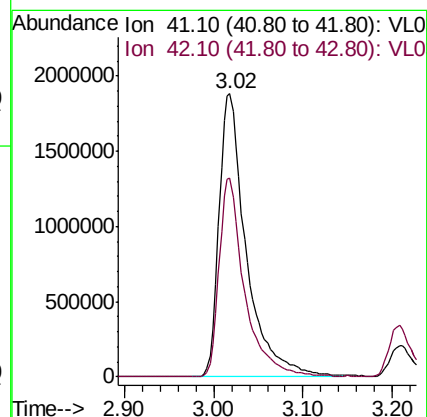
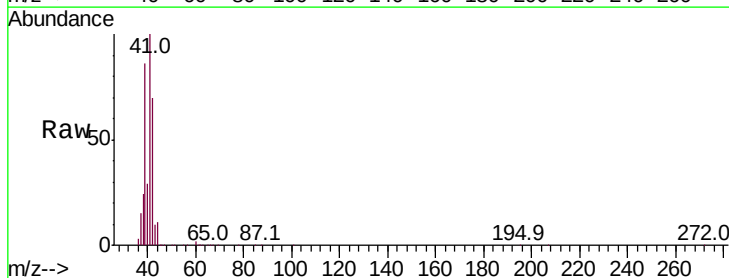
Acq: 18 Nov 2021 23:44

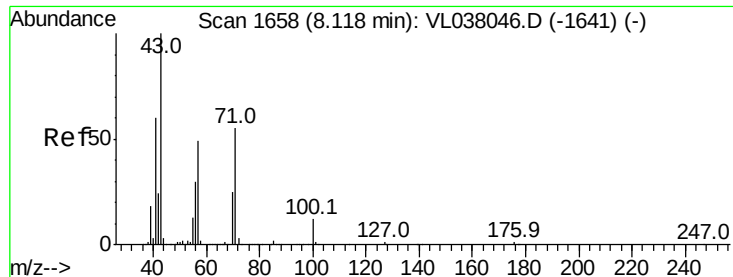
Tgt Ion: 41 Resp: 3977772

Ion Ratio Lower Upper

41 100

42 66.3 53.8 80.8





#10

Heptane

Concen: 0.287 ppbv

RT: 8.12 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

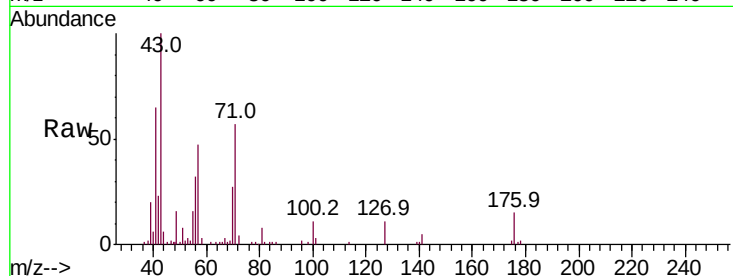
Acq: 18 Nov 2021 23:44

Tot Ion: 43 Resp: 46898

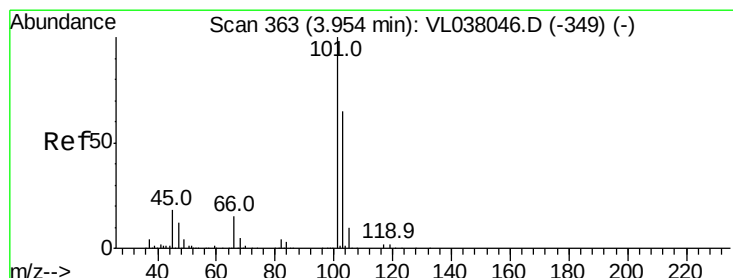
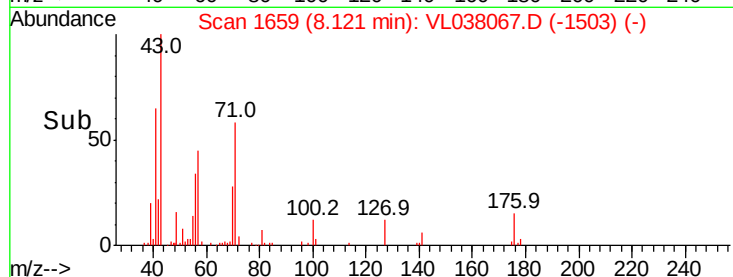
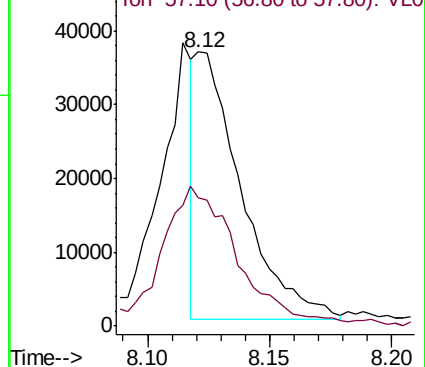
Ion Ratio Lower Upper

43 100

57 84.7 40.4 60.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0



#11

Trichlorofluoromethane

Concen: 0.175 ppbv

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VL038067.D

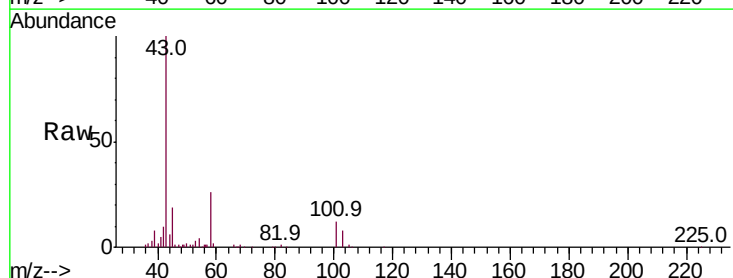
Acq: 18 Nov 2021 23:44

Tgt Ion: 101 Resp: 23541

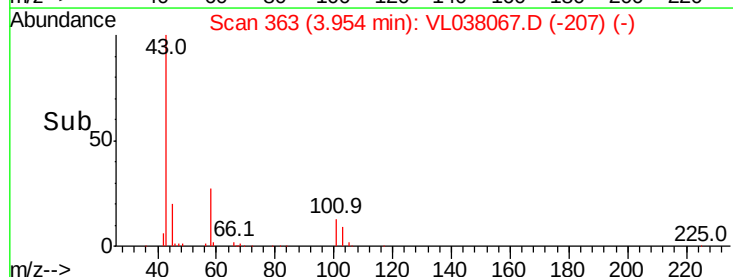
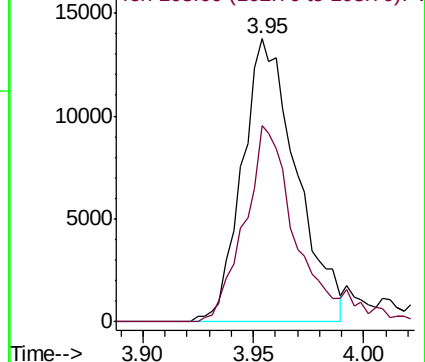
Ion Ratio Lower Upper

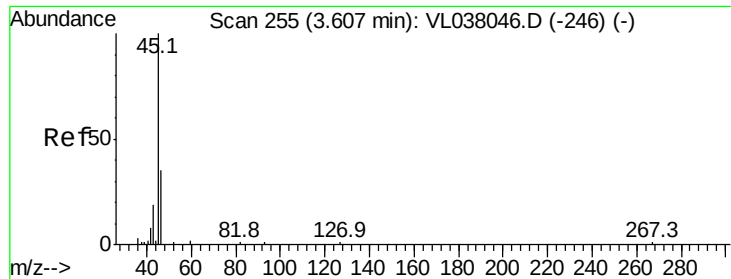
101 100

103 69.3 51.8 77.6



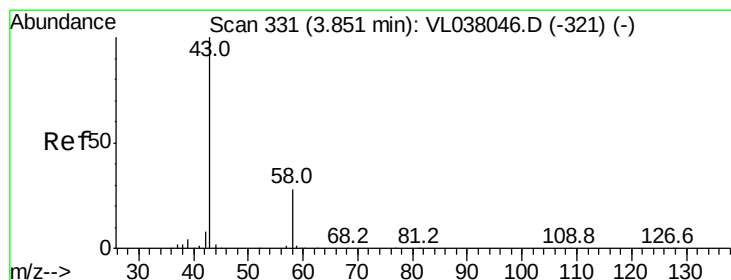
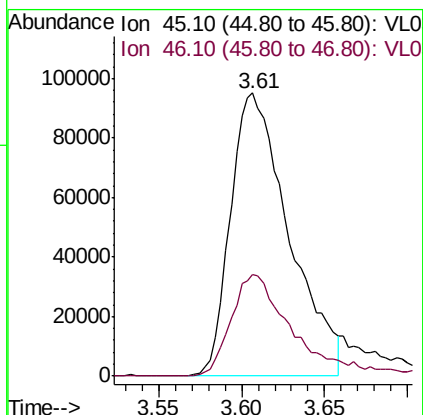
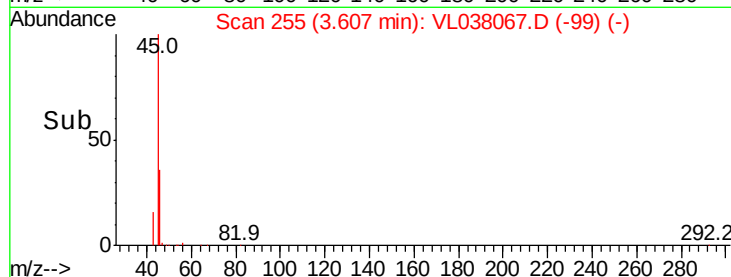
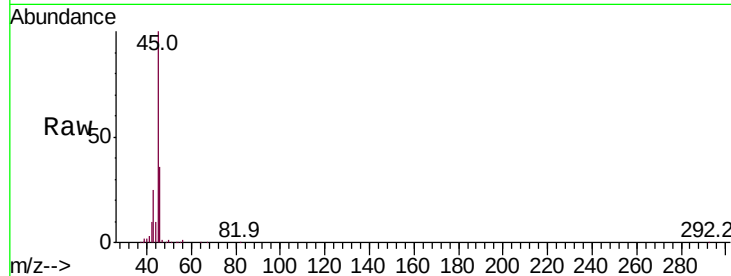
Abundance Ion 101.00 (100.70 to 101.70): V





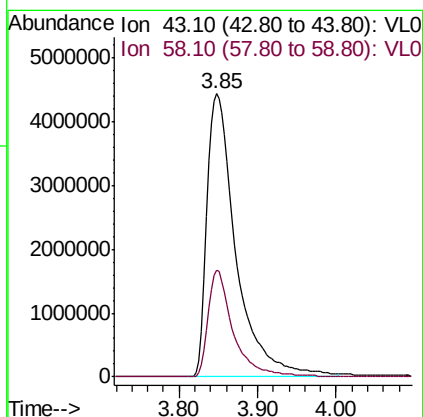
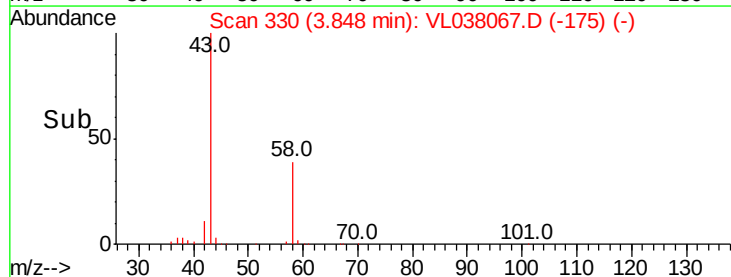
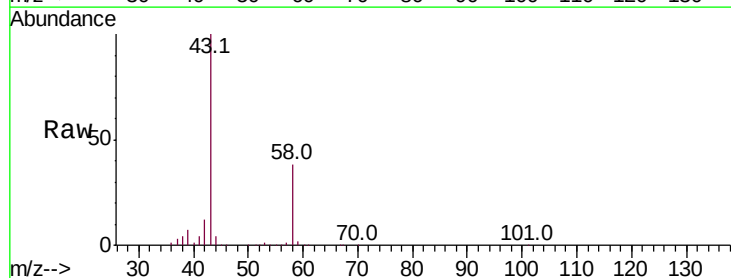
#13
Ethanol
Concen: 36.561 ppbv
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 18 Nov 2021 23:44

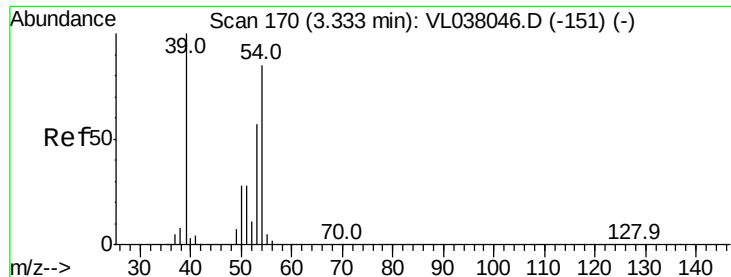
Tot Ion: 45 Resp: 233726
Ion Ratio Lower Upper
45 100
46 39.9 17.6 70.2



#15
Acetone
Concen: 153.126 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.00 min
Lab File: VL038067.D
Acq: 18 Nov 2021 23:44

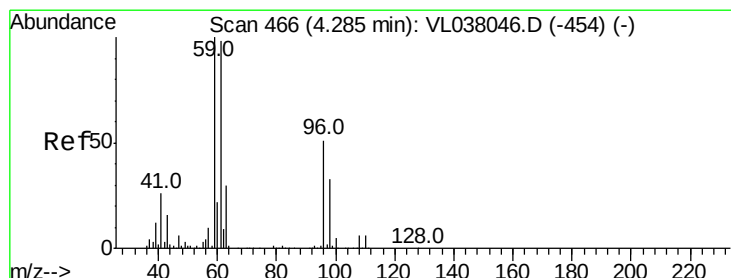
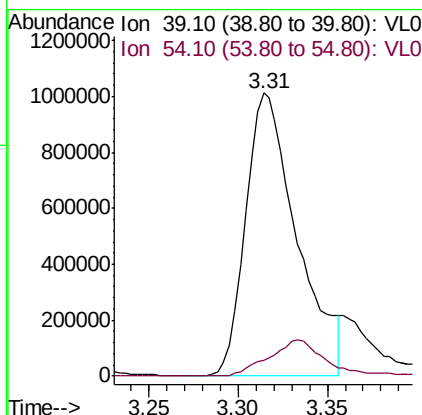
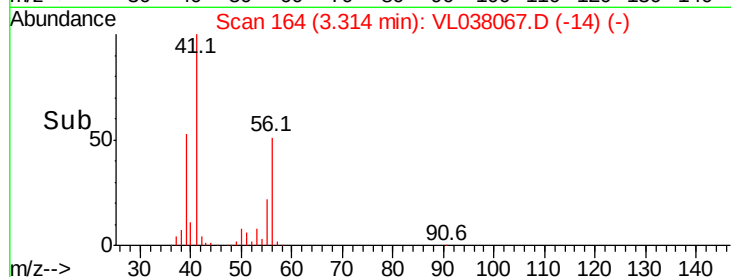
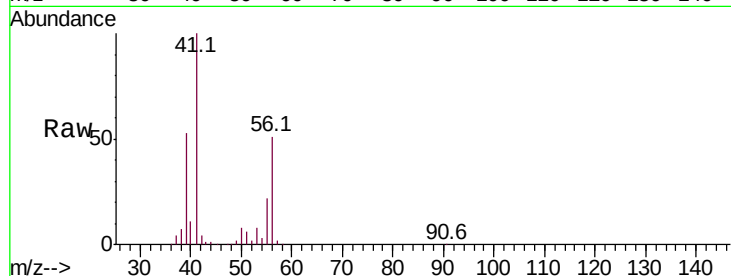
Tgt Ion: 43 Resp: 11355446
Ion Ratio Lower Upper
43 100
58 32.8 22.4 33.6





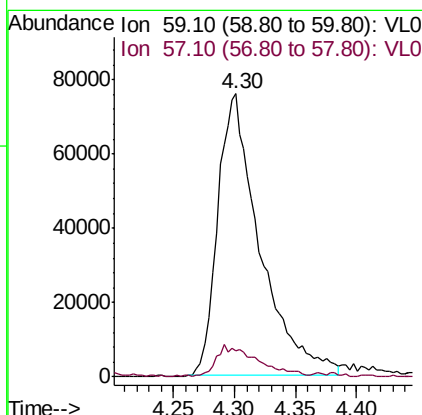
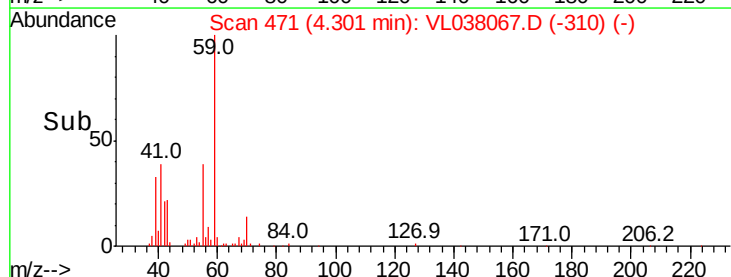
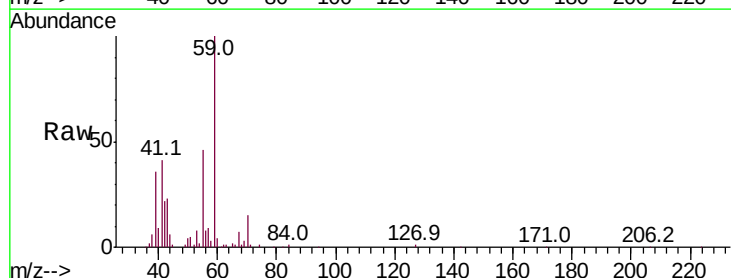
#16
 1,3-Butadiene
 Concen: 34.981 ppbv
 RT: 3.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 57-NEONEY
 Acq: 18 Nov 2021 23:44

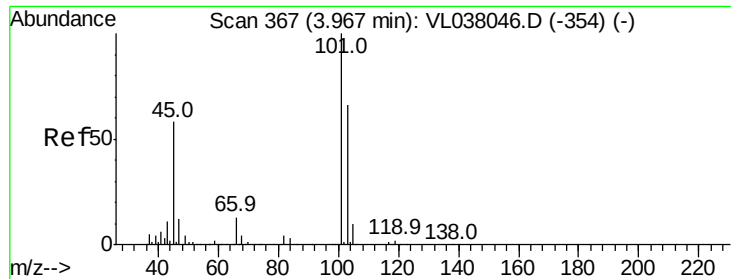
Tot Ion: 39 Resp: 2023798
 Ion Ratio Lower Upper
 39 100
 54 14.1 64.4 96.6#



#17
 tert-Butyl alcohol
 Concen: 2.042 ppbv
 RT: 4.30 min Scan# 471
 Delta R.T. 0.02 min
 Lab File: VL038067.D
 Acq: 18 Nov 2021 23:44

Tgt Ion: 59 Resp: 183670
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.6 13.0





#19

Isopropyl Alcohol

Concen: 3.004 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

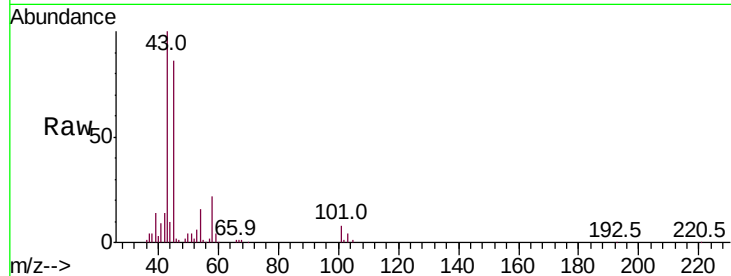
Acq: 18 Nov 2021 23:44

Tot Ion: 45 Resp: 160939

Ion Ratio Lower Upper

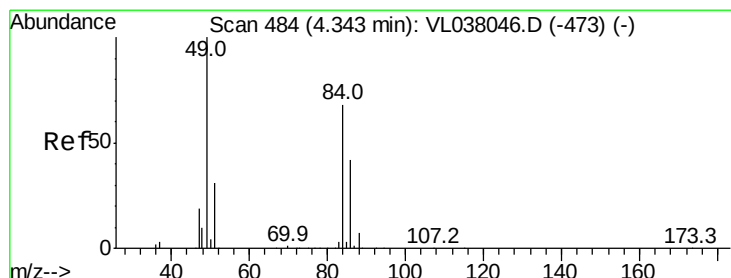
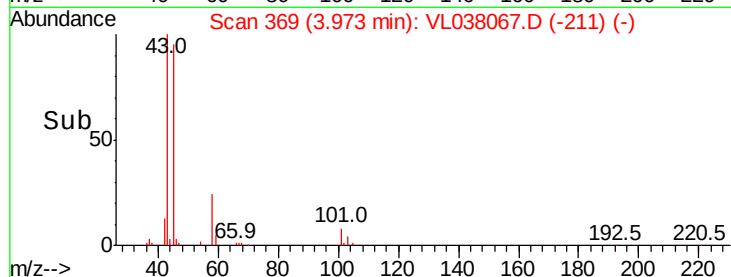
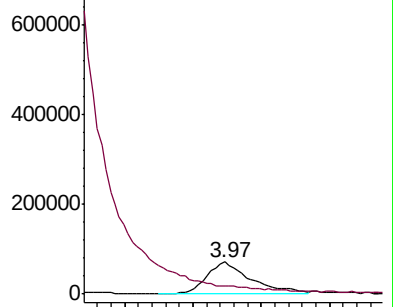
45 100

58 0.0 1.4 2.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 8.043 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.01 min

Lab File: VL038067.D

Acq: 18 Nov 2021 23:44

Tgt Ion: 84 Resp: 334086

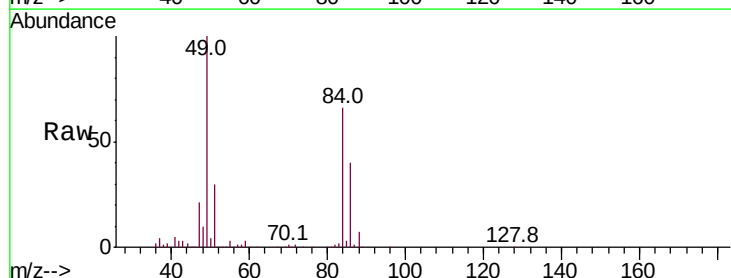
Ion Ratio Lower Upper

84 100

49 151.2 118.2 177.2

51 43.5 36.8 55.2

86 60.5 49.0 73.6

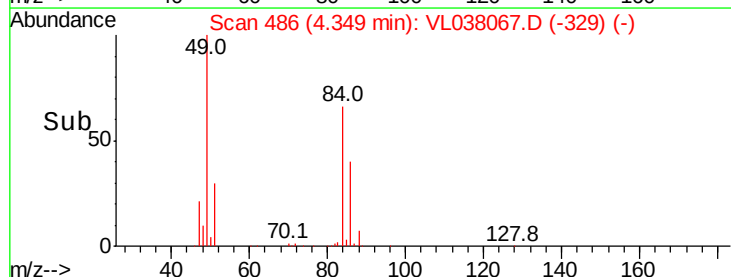
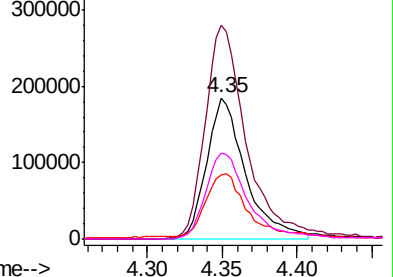


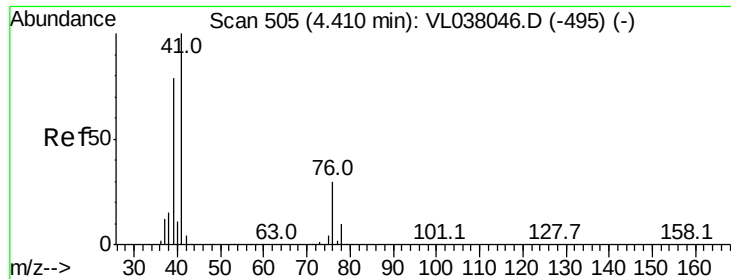
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

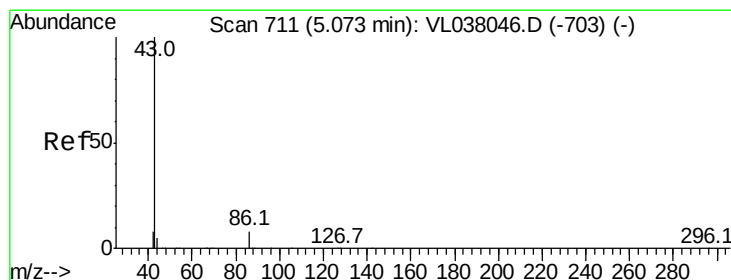
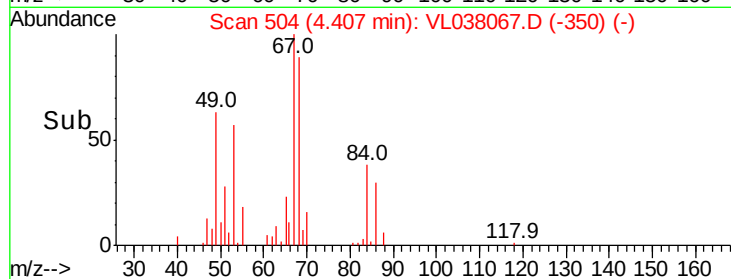
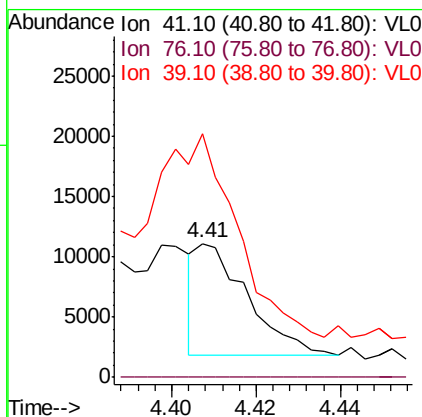
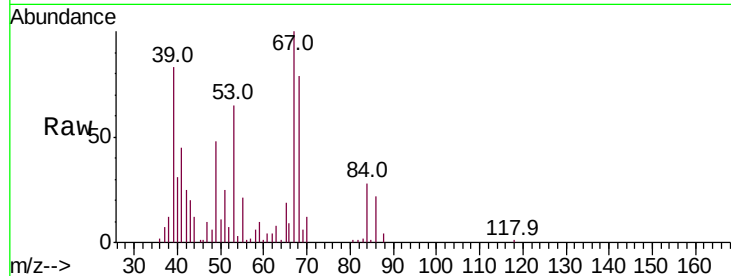
Ion 86.00 (85.70 to 86.70): VL0





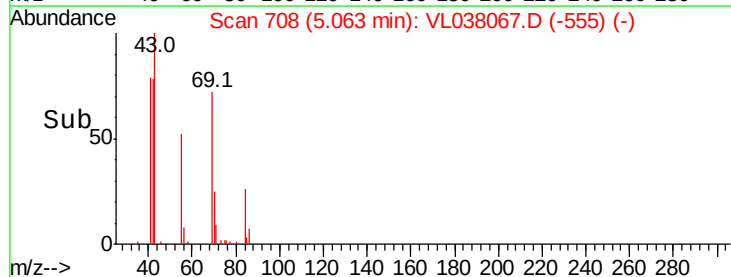
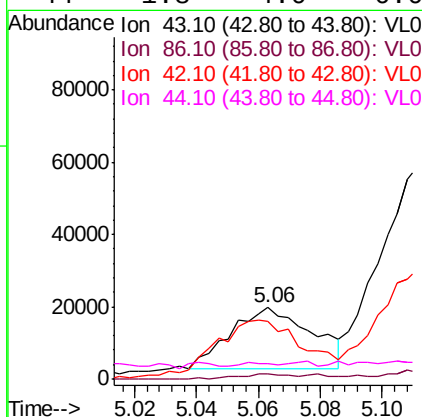
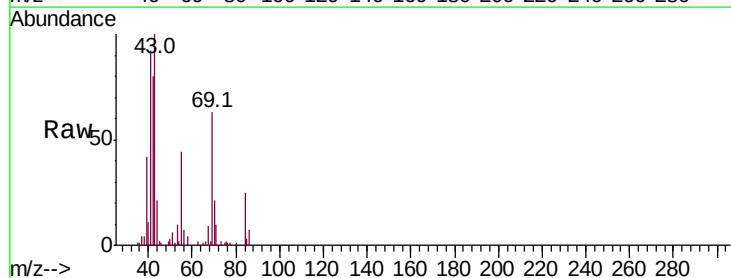
#21
Allvl Chloride
Concen: 0.114 ppbv
RT: 4.41 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 18 Nov 2021 23:44

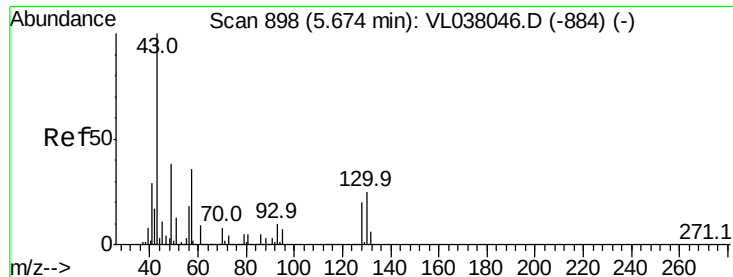
Tot Ion: 41 Resp: 7808
Ion Ratio Lower Upper
41 100
76 0.0 24.6 36.8#
39 477.2 63.4 95.0#



#23
Vinyl Acetate
Concen: 0.283 ppbv
RT: 5.06 min Scan# 708
Delta R.T. -0.01 min
Lab File: VL038067.D
Acq: 18 Nov 2021 23:44

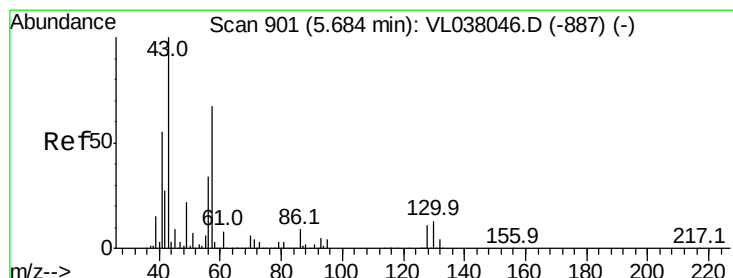
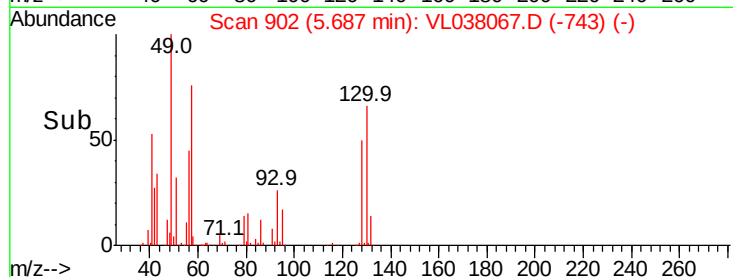
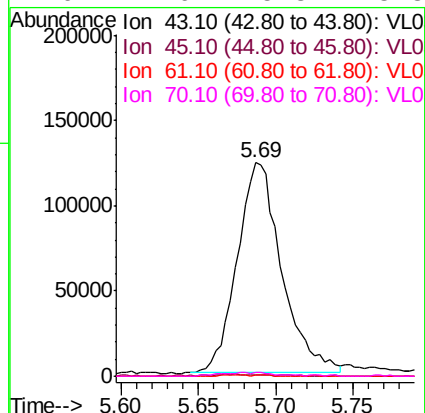
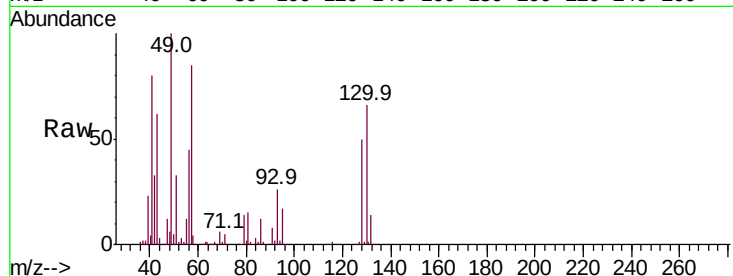
Tgt Ion: 43 Resp: 30371
Ion Ratio Lower Upper
43 100
86 8.2 5.3 7.9#
42 80.0 7.0 10.6#
44 1.8 4.0 6.0#





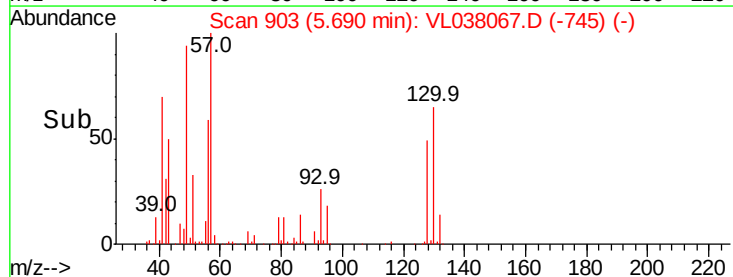
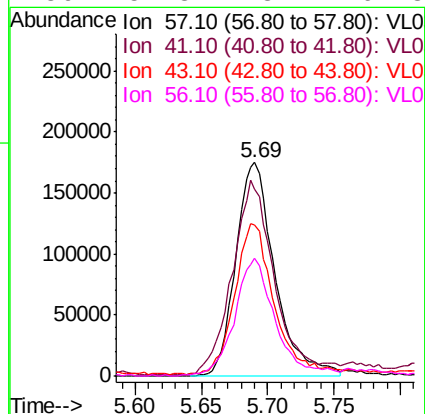
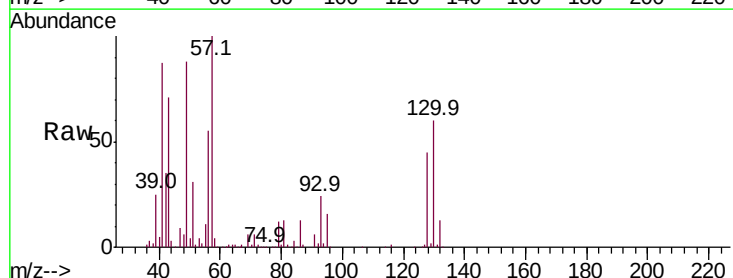
#25
Ethyl Acetate
Concen: 1.003 ppbv
RT: 5.69 min
Delta R.T. 0.01 min
Lab File: VL038067.D
Acq: 18 Nov 2021 23:44

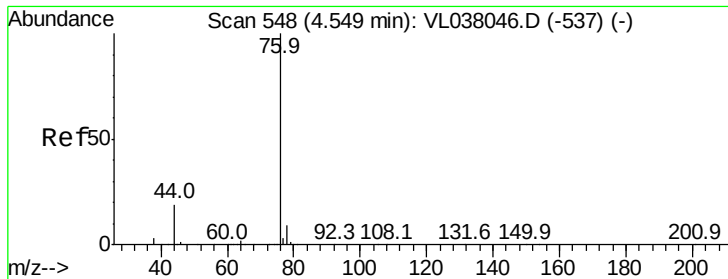
Tot Ion:	43	Resp:	247217
Ion	Ratio	Lower	Upper
43	100		
45	1.2	7.9	11.9#
61	0.6	7.8	11.6#
70	2.6	5.8	8.8#



#26
Hexane
Concen: 3.018 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.01 min
Lab File: VL038067.D
Acq: 18 Nov 2021 23:44

Tgt Ion:	57	Resp:	358537
Ion	Ratio	Lower	Upper
57	100		
41	99.1	71.4	107.2
43	72.9	174.6	261.8#
56	57.3	43.2	64.8





#27

Carbon Disulfide

Concen: 0.597 ppbv

RT: 4.55 Instrument: MSVOA_1

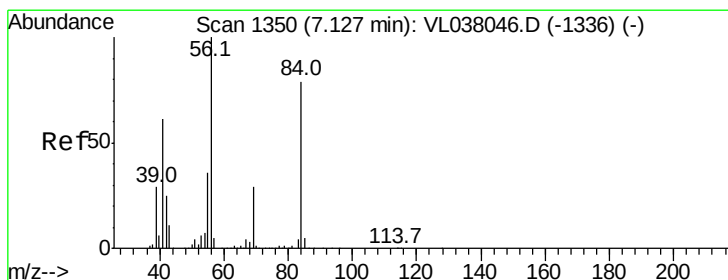
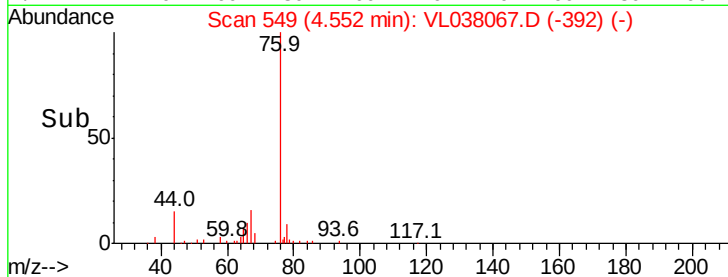
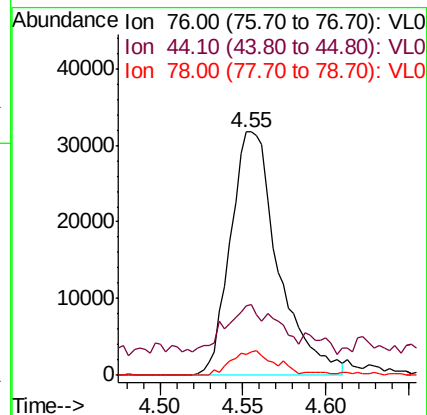
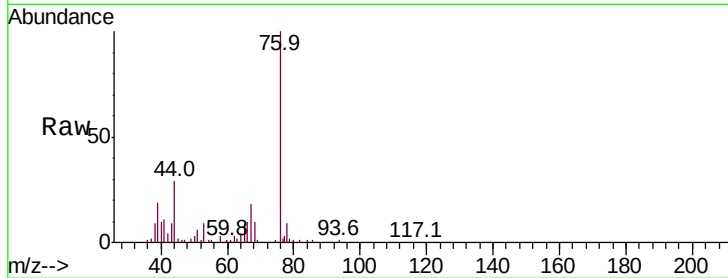
Delta R.T.

Lab File: ClientSampleId:

Acq: 18 Nov 2021 23:44

Tot Ion: 76 Resp: 63551

Ion	Ratio	Lower	Upper
76	100		
44	30.3	14.9	22.3#
78	9.6	7.6	11.4



#30

Cyclohexane

Concen: 0.139 ppbv

RT: 7.13 min Scan# 1352

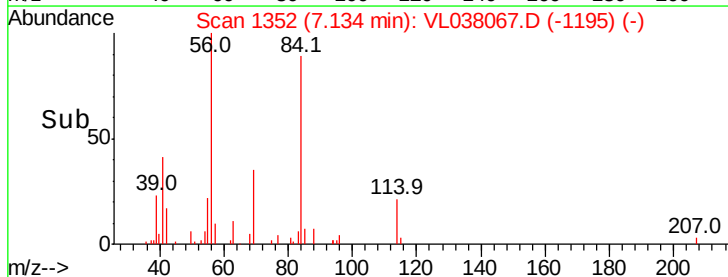
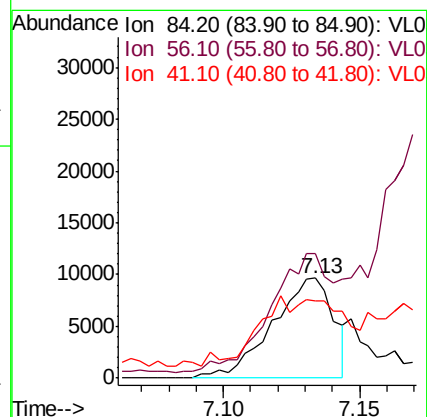
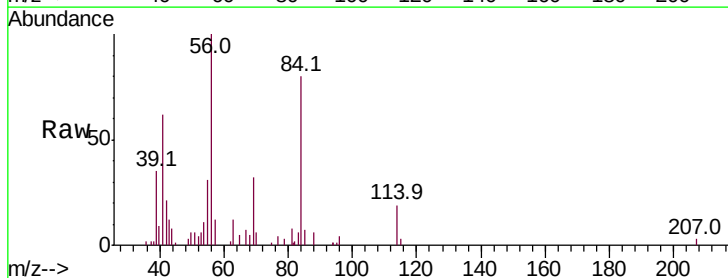
Delta R.T. 0.01 min

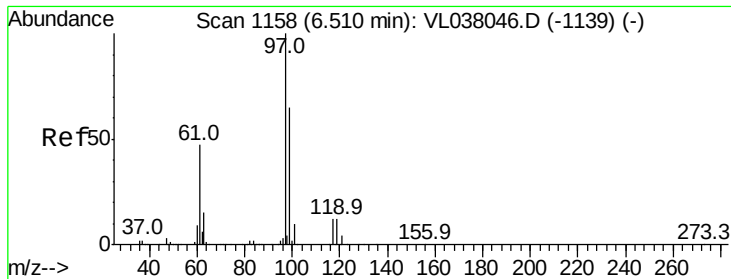
Lab File: VL038067.D

Acq: 18 Nov 2021 23:44

Tgt Ion: 84 Resp: 15017

Ion	Ratio	Lower	Upper
84	100		
56	0.0	108.1	162.1#
41	178.7	64.4	96.6#





#32

1,1,1-Trichloroethane

Concen: 0.030 ppbv

RT: 6.51 Instrument:

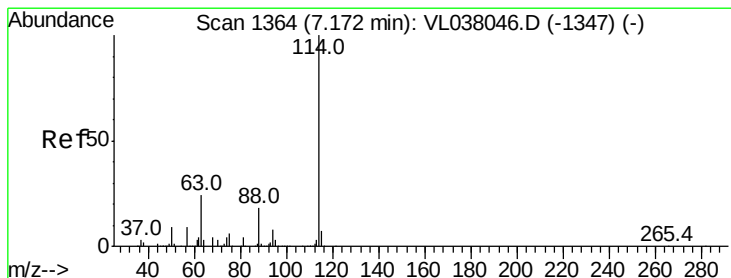
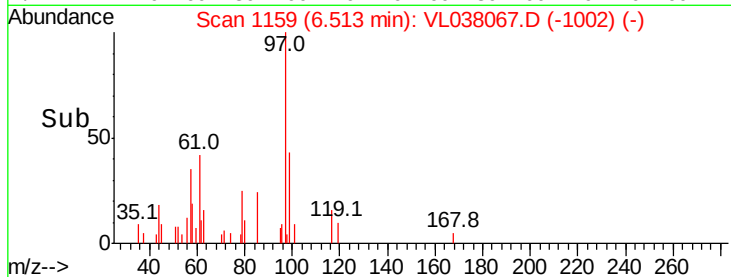
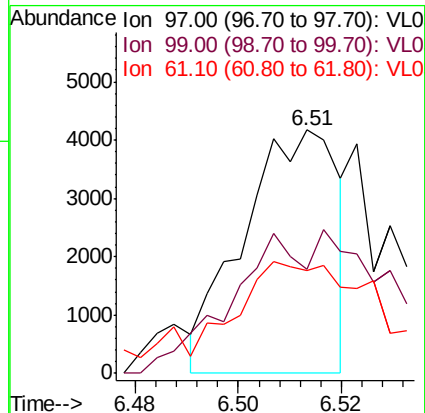
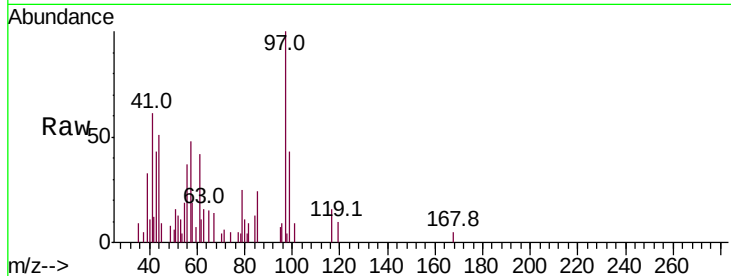
Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 18 Nov 2021 23:44

Tot Ion: 97 Resp: 5296

Ion	Ratio	Lower	Upper
97	100		
99	104.9	52.2	78.4#
61	84.1	37.7	56.5#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1366

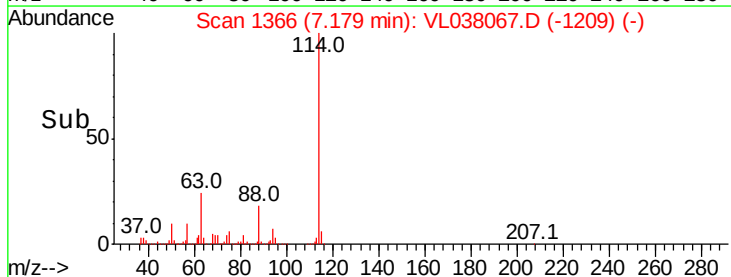
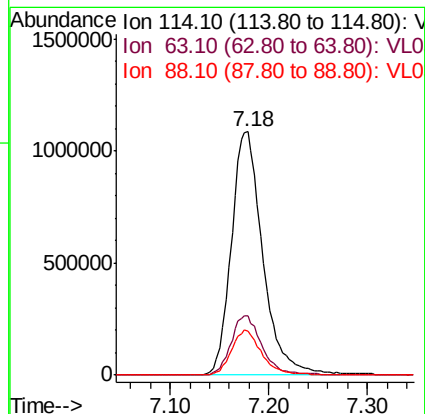
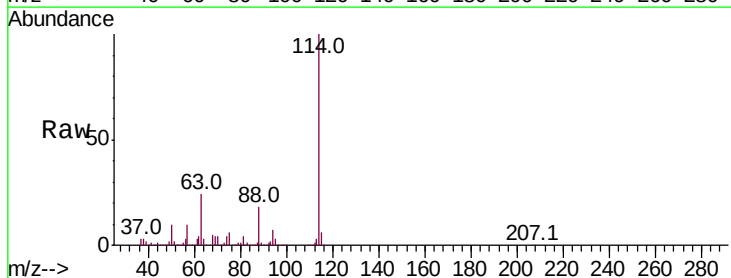
Delta R.T. 0.01 min

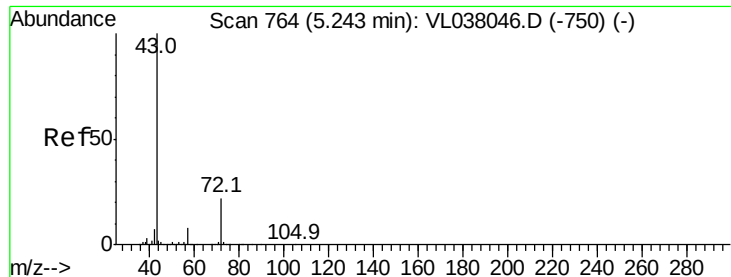
Lab File: VL038067.D

Acq: 18 Nov 2021 23:44

Tgt Ion: 114 Resp: 2415217

Ion	Ratio	Lower	Upper
114	100		
63	24.3	19.7	29.5
88	18.1	14.4	21.6





#34

2-Butanone

Concen: 6.305 ppbv

RT: 5.25

Instrument: MSVOA_1

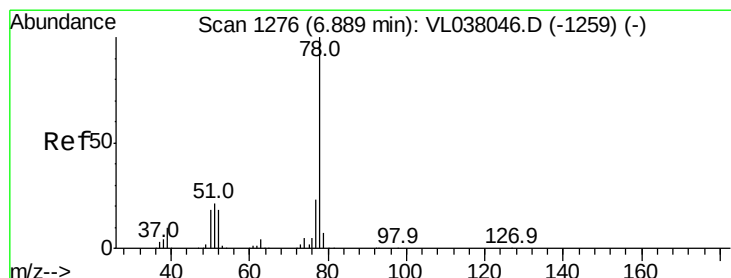
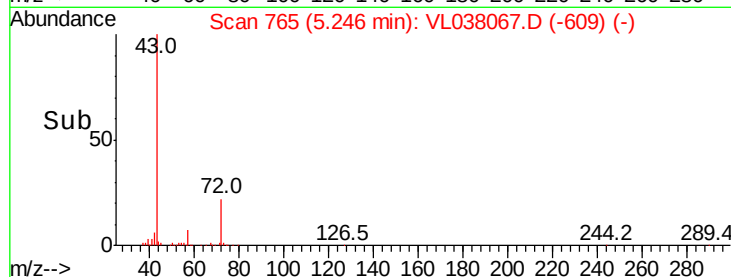
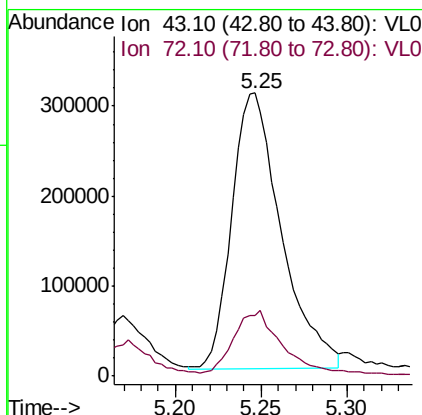
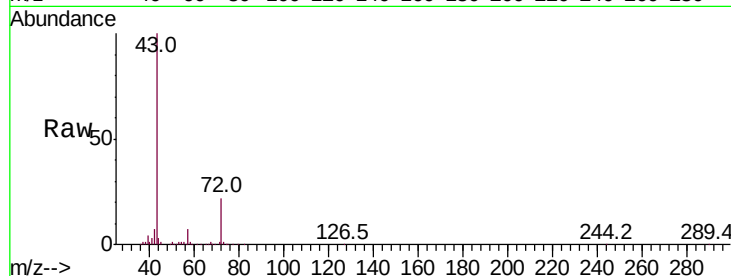
Delta R.T. 0.00

Lab File: ClientSampleId: 57-NEONEY

Acq: 18 Nov 2021 23:44

Tot Ion: 43 Resp: 614029

Ion	Ratio	Lower	Upper
43	100		
72	24.8	18.8	28.2



#36

Benzene

Concen: 0.464 ppbv

RT: 6.89 min Scan# 1277

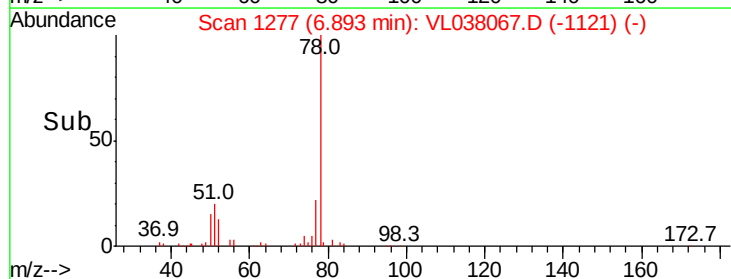
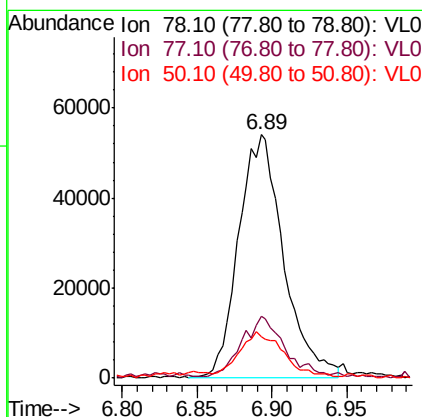
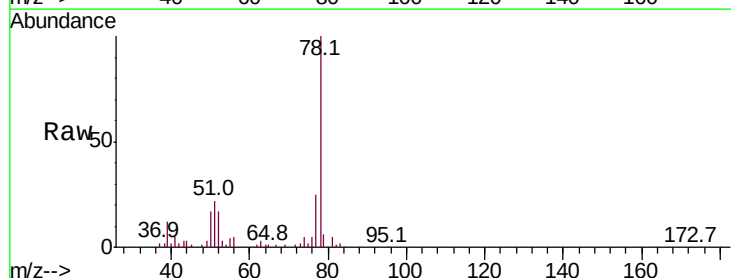
Delta R.T. 0.00 min

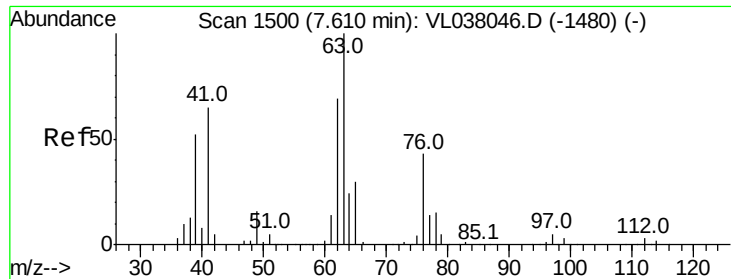
Lab File: VL038067.D

Acq: 18 Nov 2021 23:44

Tgt Ion: 78 Resp: 111864

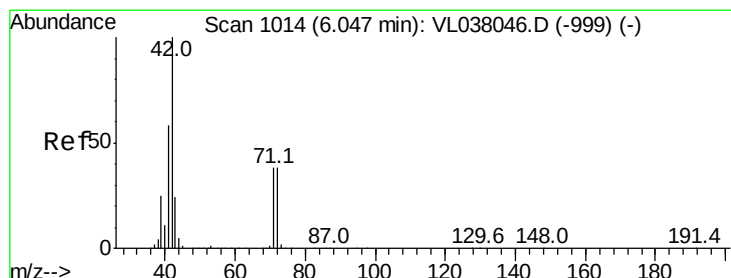
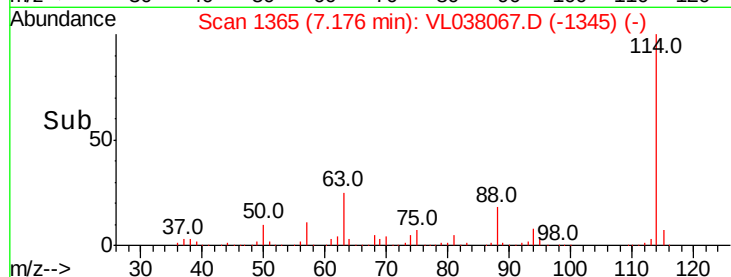
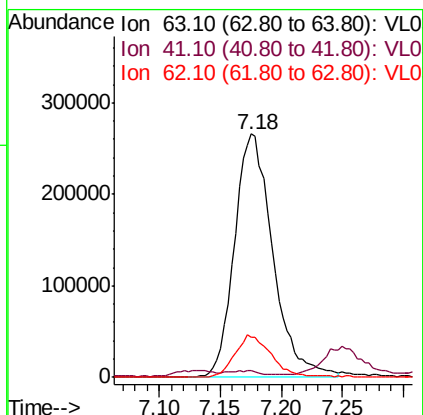
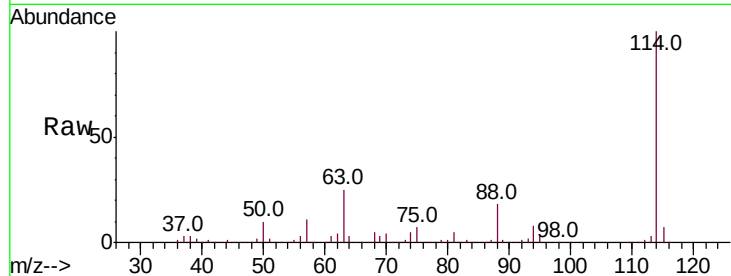
Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.2	27.4
50	16.1	14.7	22.1





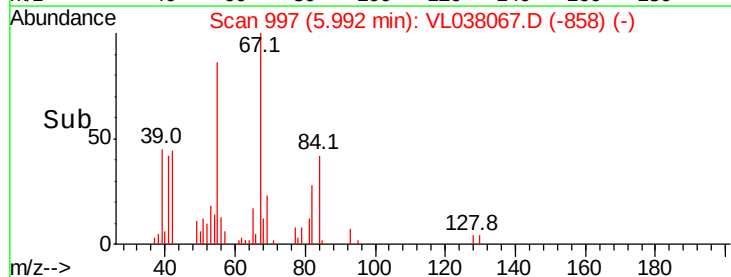
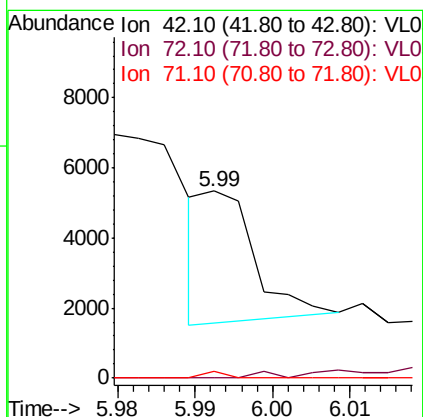
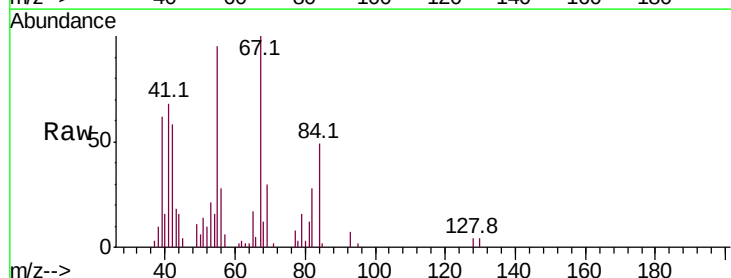
#39
 1,2-Dichloropropane
 Concen: 6.268 ppbv
 RT: 7.18
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 18 Nov 2021 23:44

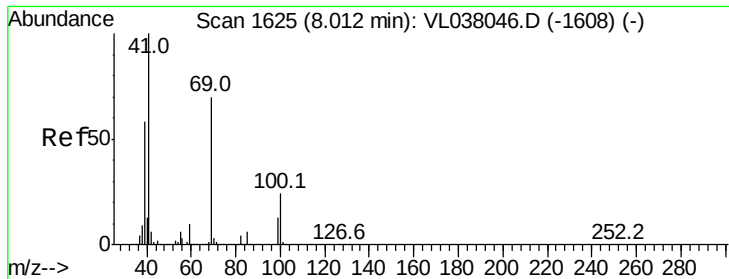
Tot Ion: 63 Resp: 579297
 Ion Ratio Lower Upper
 63 100
 41 0.2 52.3 78.5#
 62 16.3 55.1 82.7#



#41
 Tetrahydrofuran
 Concen: 0.029 ppbv
 RT: 5.99 min Scan# 997
 Delta R.T. -0.05 min
 Lab File: VL038067.D
 Acq: 18 Nov 2021 23:44

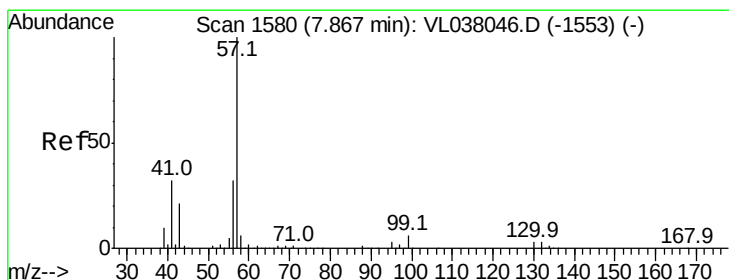
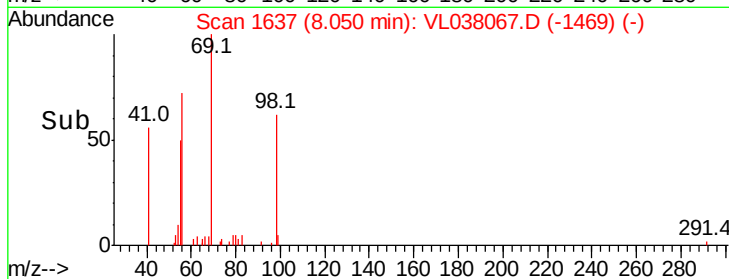
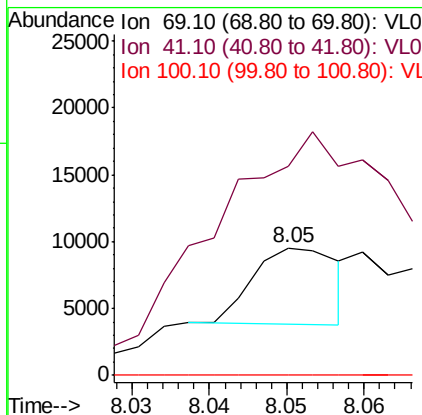
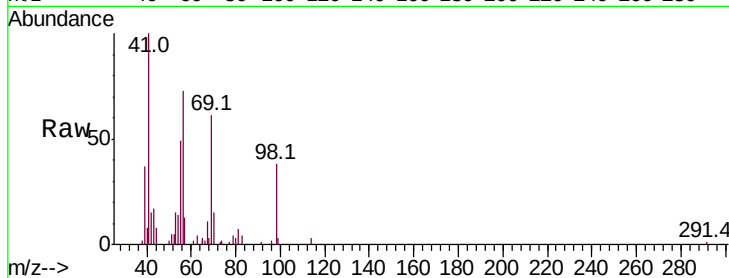
Tgt Ion: 42 Resp: 1729
 Ion Ratio Lower Upper
 42 100
 72 177.6 31.7 47.5#
 71 120.9 30.6 46.0#





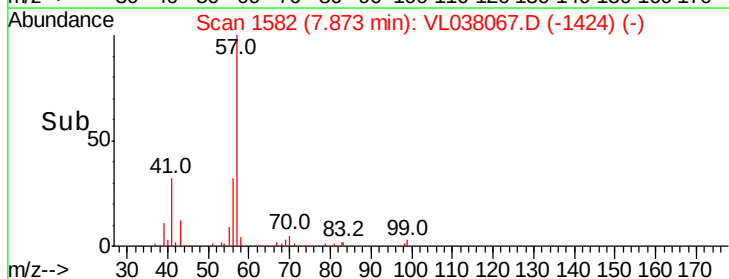
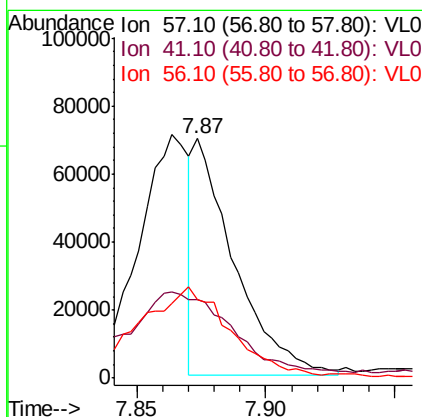
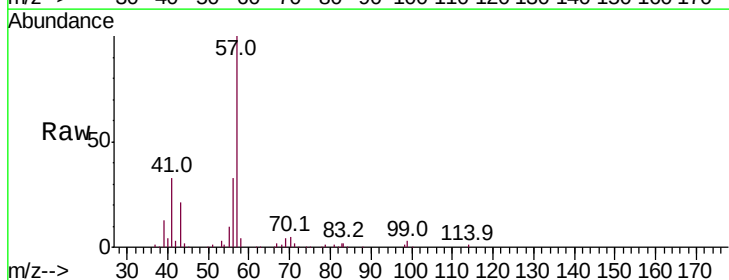
#43
Methyl Methacrylate
Concen: 0.053 ppbv
RT: 8.05
Instrument: MSVOA_1
Delta R.T.
Lab File: ClientSampleId:
Acq: 18 Nov 2021 23:44

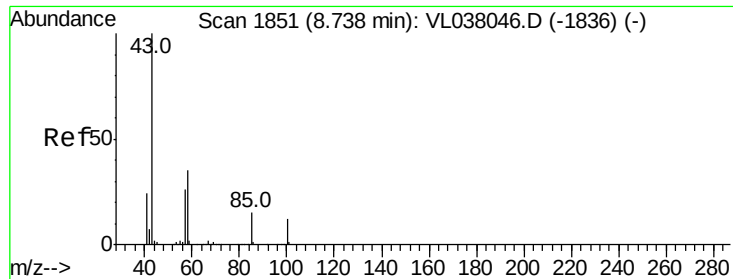
Tot Ion: 69 Resp: 4334
Ion Ratio Lower Upper
69 100
41 809.8 116.7 175.1#
100 0.0 27.3 40.9#



#44
2,2,4-Trimethylpentane
Concen: 0.189 ppbv
RT: 7.87 min Scan# 1582
Delta R.T. 0.01 min
Lab File: VL038067.D
Acq: 18 Nov 2021 23:44

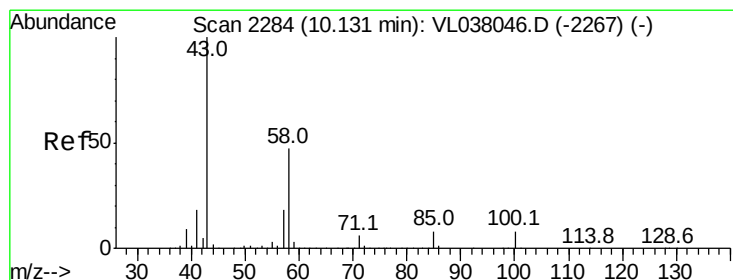
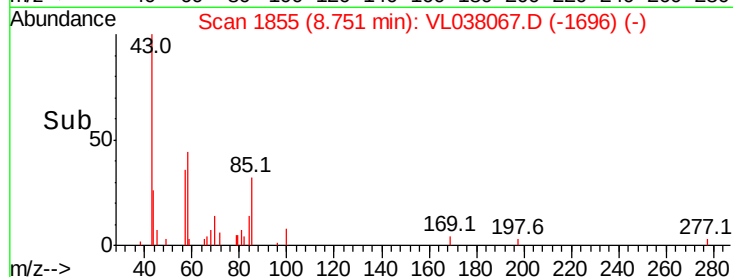
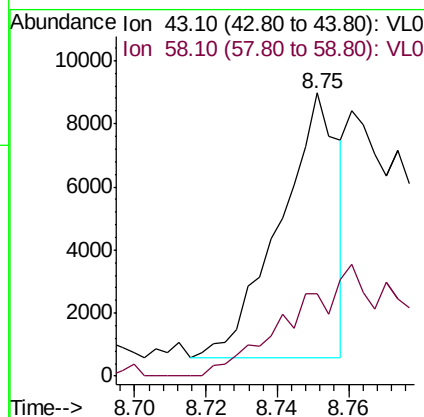
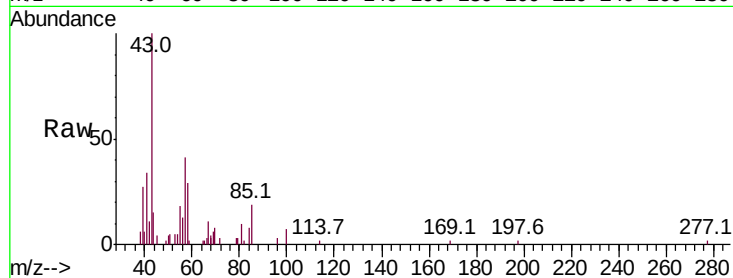
Tgt Ion: 57 Resp: 76249
Ion Ratio Lower Upper
57 100
41 0.0 25.8 38.6#
56 82.5 25.6 38.4#





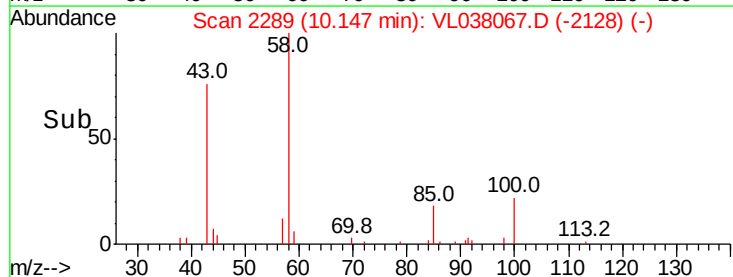
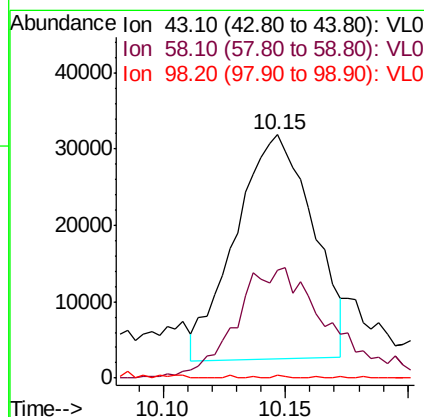
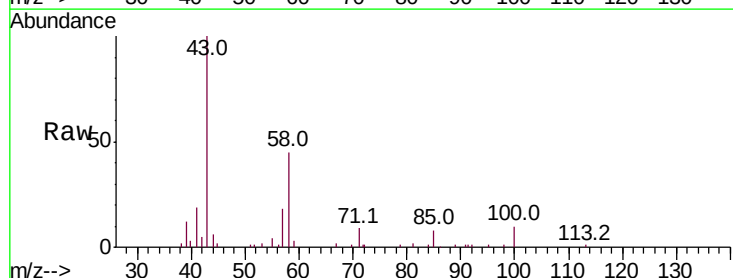
#50
4-Methyl-2-Pentanone
Concen: 0.064 ppbv
RT: 8.75
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
57-NEONEY
Acq: 18 Nov 2021 23:44

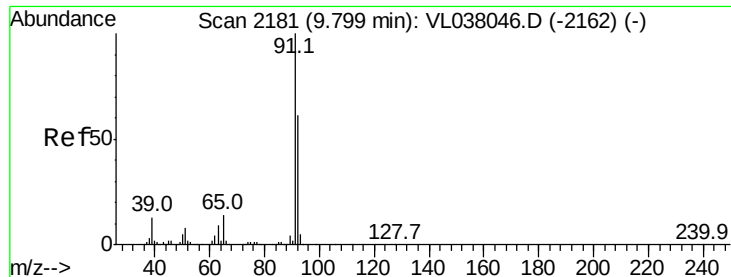
Tot Ion: 43 Resp: 9531
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.2#



#51
2-Hexanone
Concen: 0.929 ppbv
RT: 10.15 min Scan# 2289
Delta R.T. 0.02 min
Lab File: VL038067.D
Acq: 18 Nov 2021 23:44

Tgt Ion: 43 Resp: 64674
Ion Ratio Lower Upper
43 100
58 61.1 41.1 61.7
98 0.3 0.1 0.1#





#53

Toluene

Concen: 2.767 ppbv

RT: 9.80 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

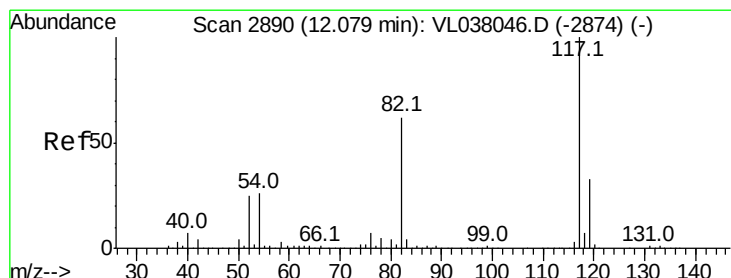
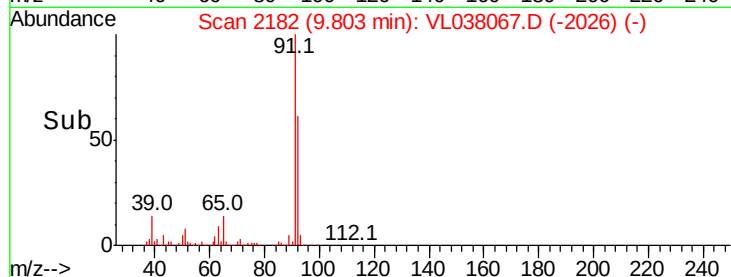
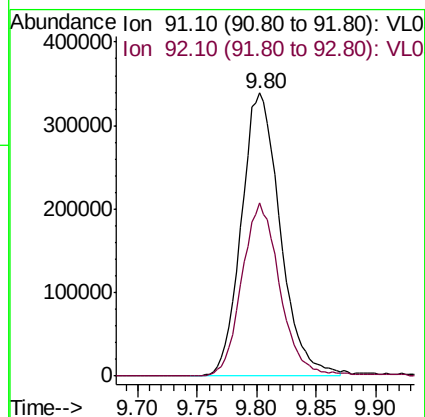
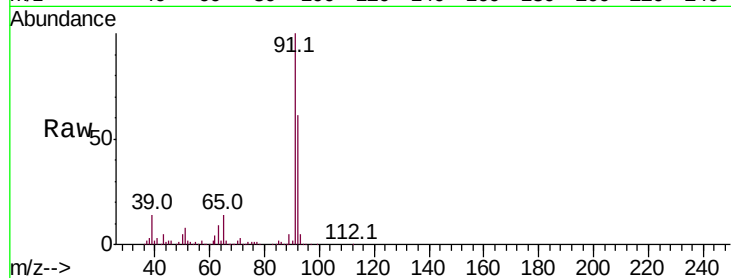
Acq: 18 Nov 2021 23:44

Tot Ion: 91 Resp: 766903

Ion Ratio Lower Upper

91 100

92 60.8 49.7 74.5



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2890

Delta R.T. -0.00 min

Lab File: VL038067.D

Acq: 18 Nov 2021 23:44

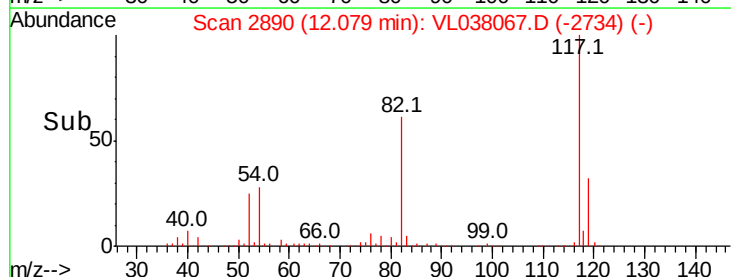
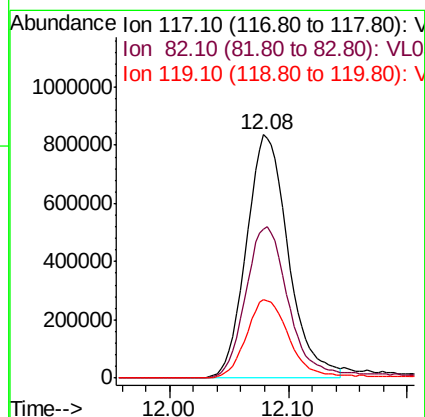
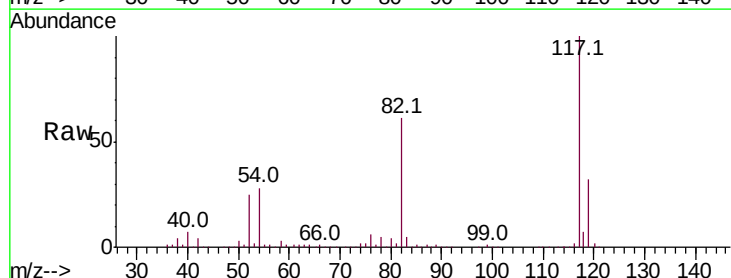
Tgt Ion: 117 Resp: 2040113

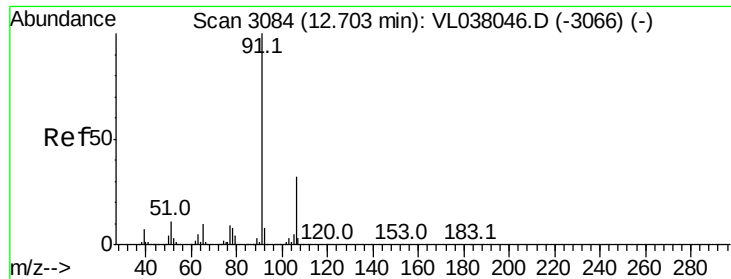
Ion Ratio Lower Upper

117 100

82 67.1 52.8 79.2

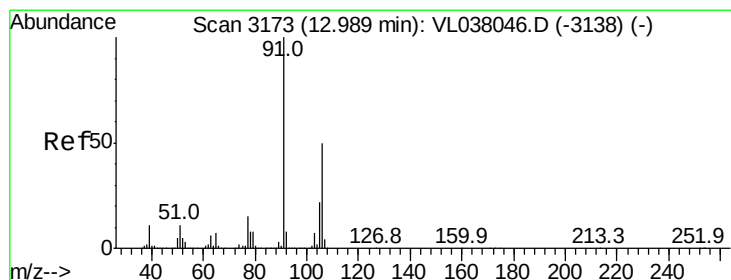
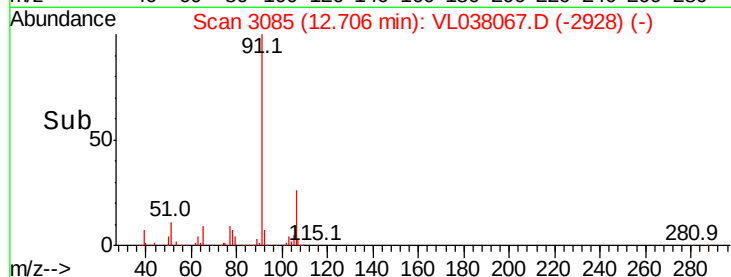
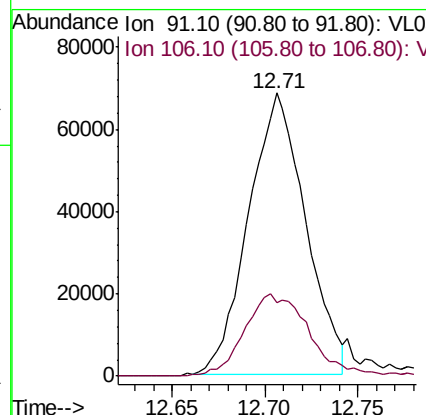
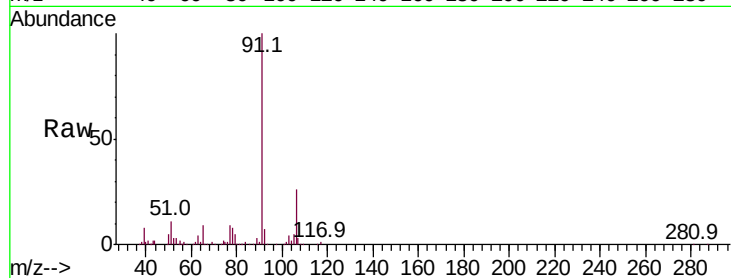
119 35.1 26.8 40.2





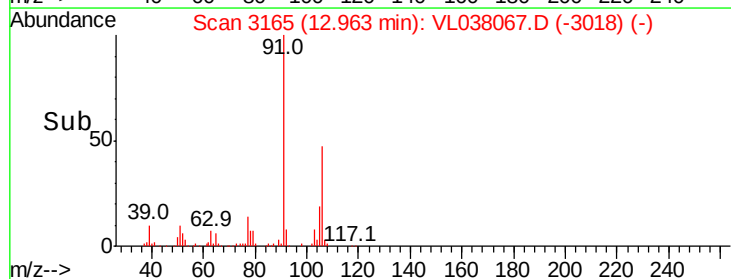
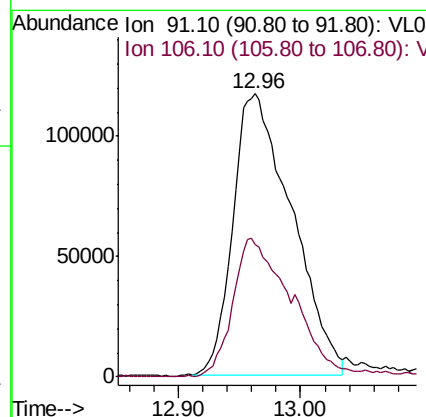
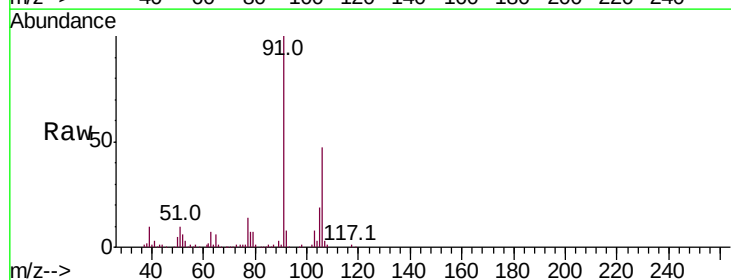
#58
Ethyl Benzene
Concen: 0.433 ppbv
RT: 12.71
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 18 Nov 2021 23:44

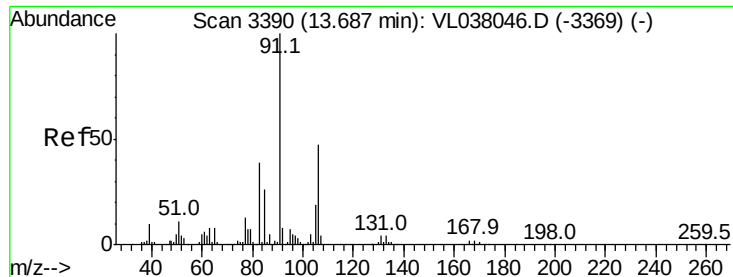
Tot Ion: 91 Resp: 145845
Ion Ratio Lower Upper
91 100
106 25.8 25.8 38.6#



#59
m/p-Xylene
Concen: 1.374 ppbv
RT: 12.96 min Scan# 3165
Delta R.T. -0.03 min
Lab File: VL038067.D
Acq: 18 Nov 2021 23:44

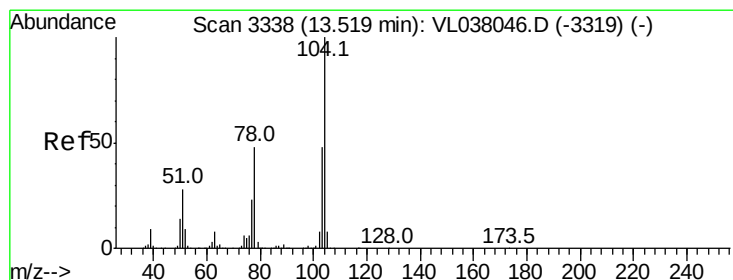
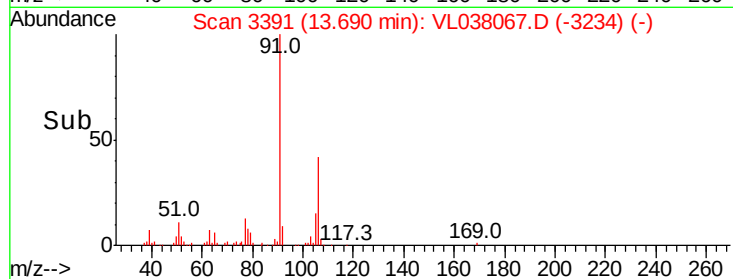
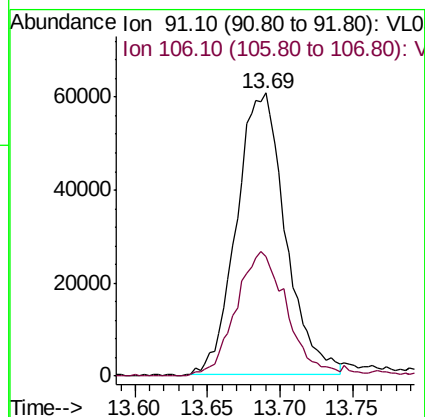
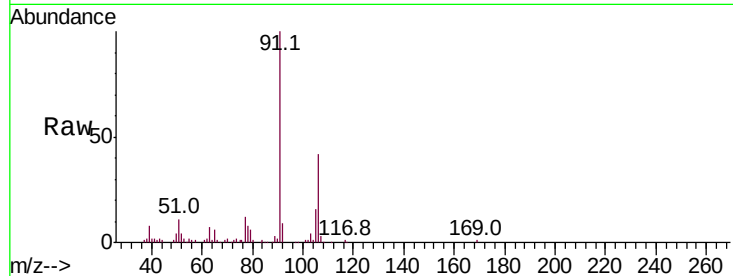
Tgt Ion: 91 Resp: 389937
Ion Ratio Lower Upper
91 100
106 50.8 38.1 57.1





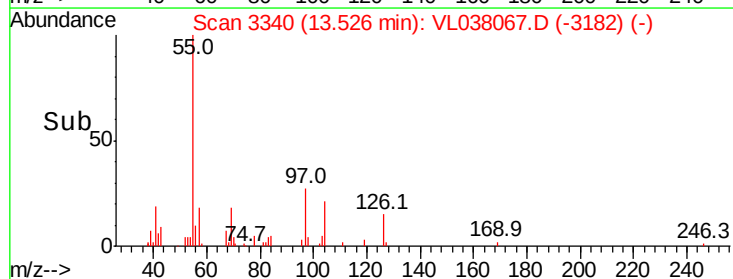
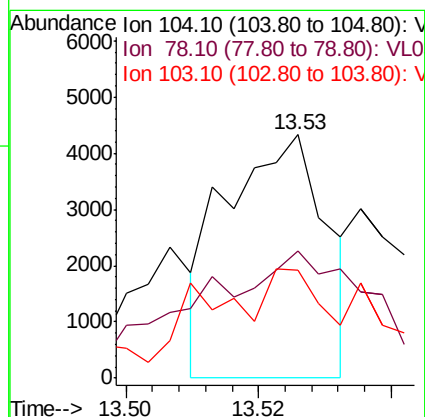
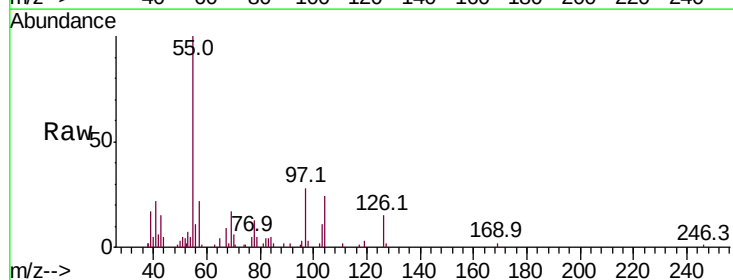
#60
o-Xylene
Concen: 0.540 ppbv
RT: 13.69
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 18 Nov 2021 23:44

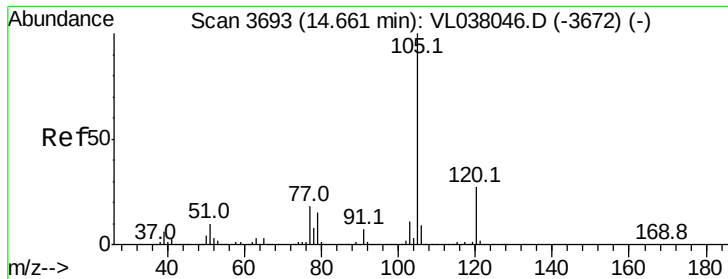
Tot Ion: 91 Resp: 142075
Ion Ratio Lower Upper
91 100
106 49.0 24.2 72.6



#61
Styrene
Concen: 0.032 ppbv
RT: 13.53 min Scan# 3340
Delta R.T.: 0.01 min
Lab File: VL038067.D
Acq: 18 Nov 2021 23:44

Tgt Ion:104 Resp: 4571
Ion Ratio Lower Upper
104 100
78 117.7 39.8 59.6#
103 81.7 38.2 57.2#





#62

Isopropylbenzene

Concen: 0.021 ppbv

RT: 14.66

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

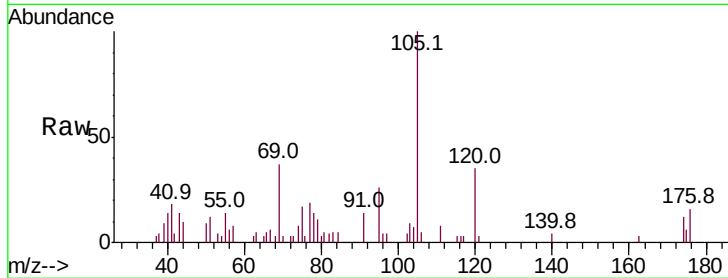
Acq: 18 Nov 2021 23:44

Tot Ion:105 Resp: 7839

Ion Ratio Lower Upper

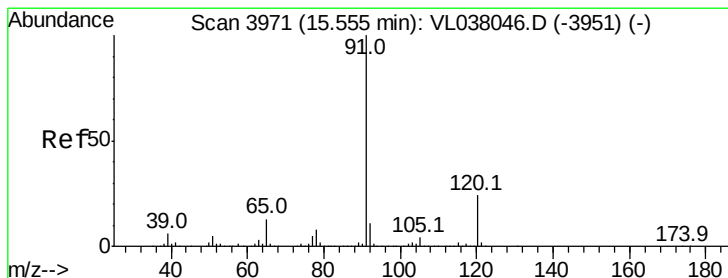
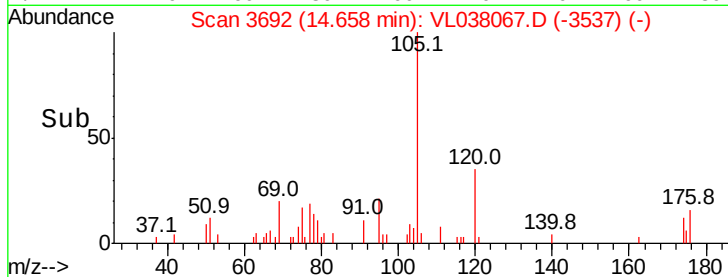
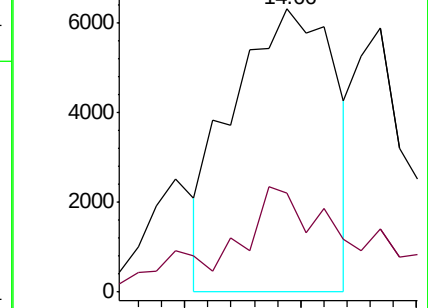
105 100

120 51.3 21.8 32.6#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#64

n-propylbenzene

Concen: 0.034 ppbv

RT: 15.56 min Scan# 3973

Delta R.T. 0.01 min

Lab File: VL038067.D

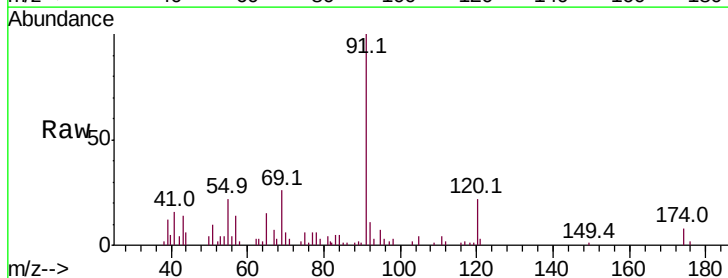
Acq: 18 Nov 2021 23:44

Tgt Ion:120 Resp: 3192

Ion Ratio Lower Upper

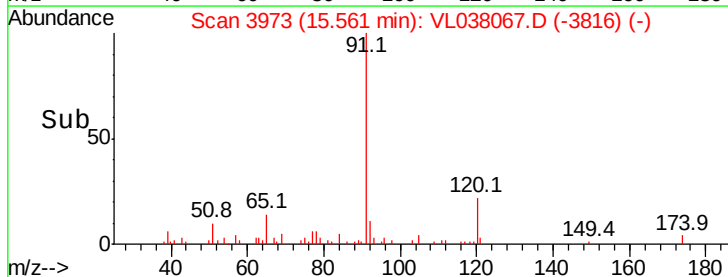
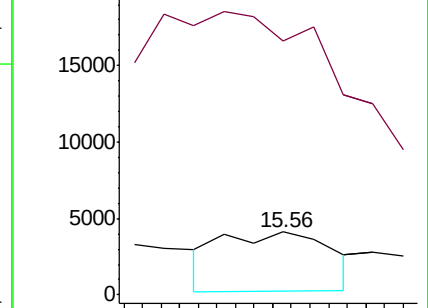
120 100

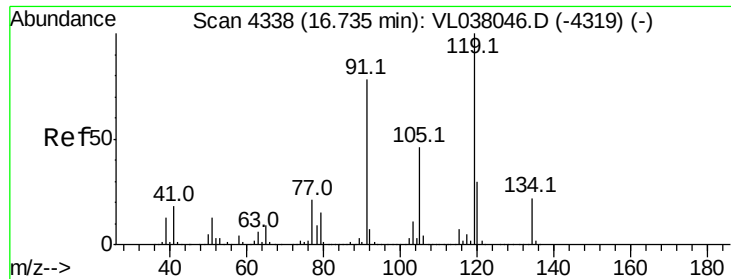
91 1484.5 371.7 557.5#



Abundance Ion 120.20 (119.90 to 120.90): V

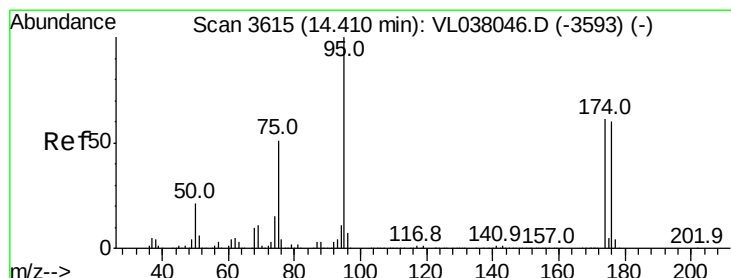
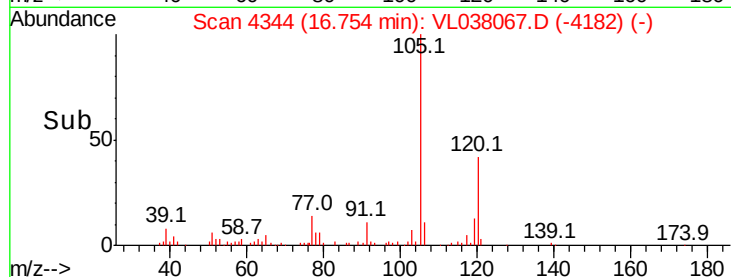
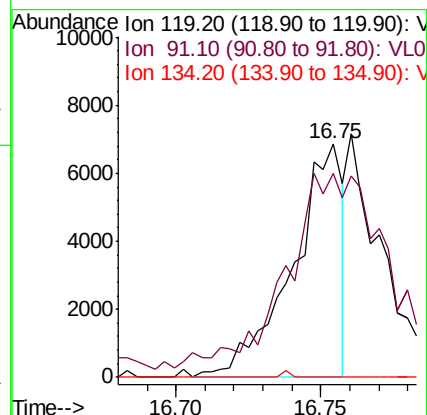
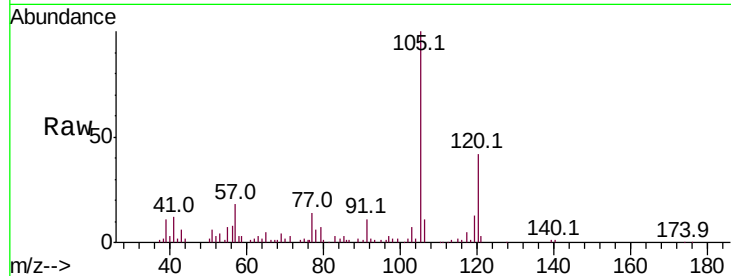
Ion 91.10 (90.80 to 91.80): VL0





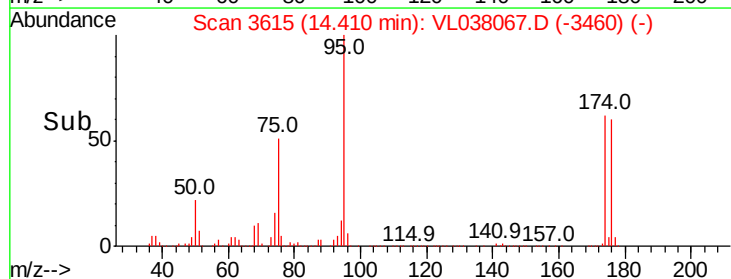
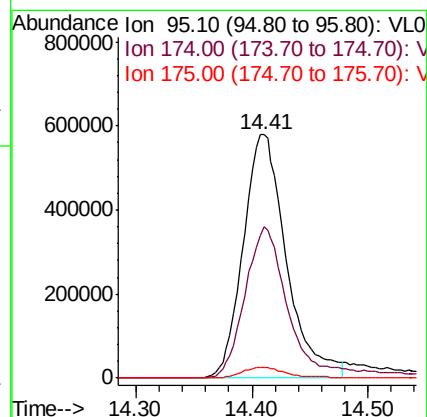
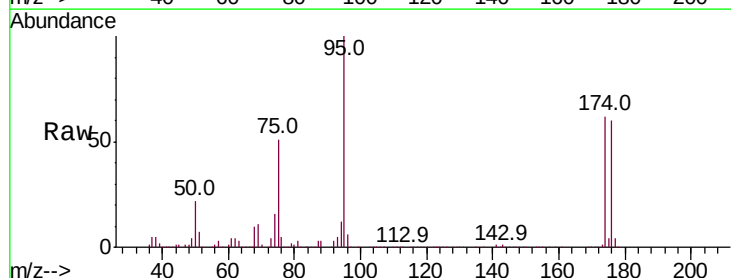
#65
 tert-Butylbenzene
 Concen: 0.025 ppbv
 RT: 16.75
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 57-NEONEY
 Acq: 18 Nov 2021 23:44

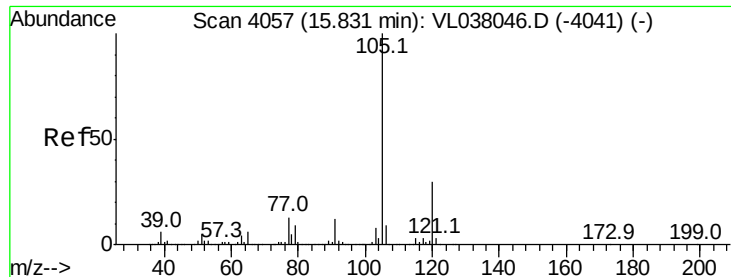
Tot Ion: 119 Resp: 8259
 Ion Ratio Lower Upper
 119 100
 91 203.6 63.2 94.8#
 134 0.0 16.1 24.1#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.194 ppbv
 RT: 14.41 min Scan# 3615
 Delta R.T. -0.00 min
 Lab File: VL038067.D
 Acq: 18 Nov 2021 23:44

Tgt Ion: 95 Resp: 1500185
 Ion Ratio Lower Upper
 95 100
 174 66.2 53.1 79.7
 175 4.8 4.0 6.0





#72

4-Ethyltoluene

Concen: 0.104 ppbv

RT: 15.83

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Nov 2021 23:44

Tot Ion:105 Resp: 31740

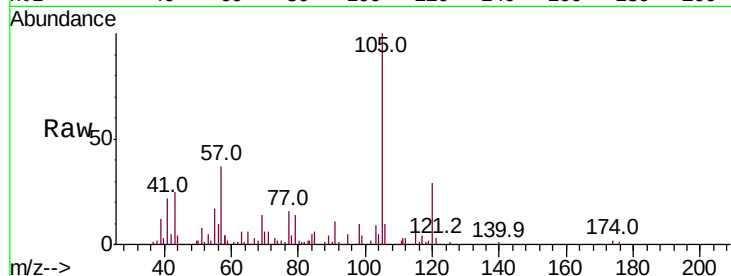
Ion Ratio Lower Upper

105 100

120 50.9 25.1 37.7#

91 0.0 9.7 14.5#

77 32.4 10.6 16.0#

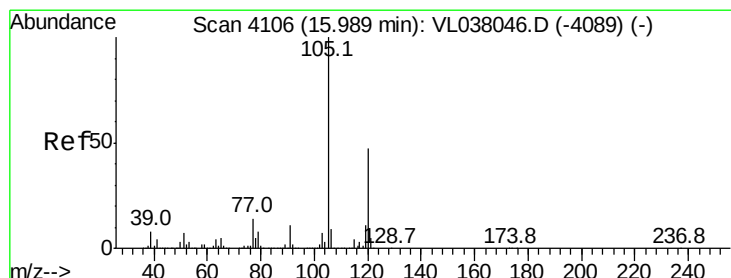
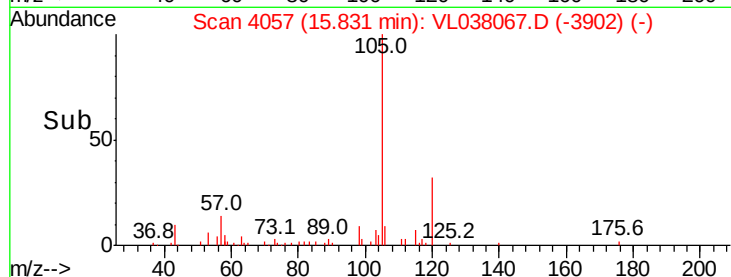
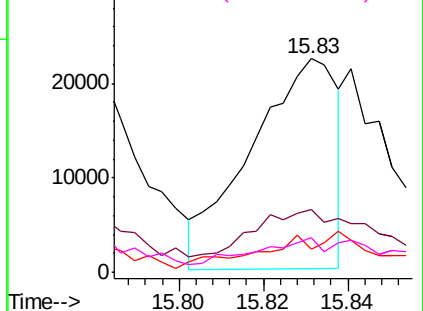


Abundance Ion 105.10 (104.80 to 105.80): V

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



#73

1,3,5-Trimethylbenzene

Concen: 0.059 ppbv

RT: 15.99 min Scan# 4106

Delta R.T. -0.00 min

Lab File: VL038067.D

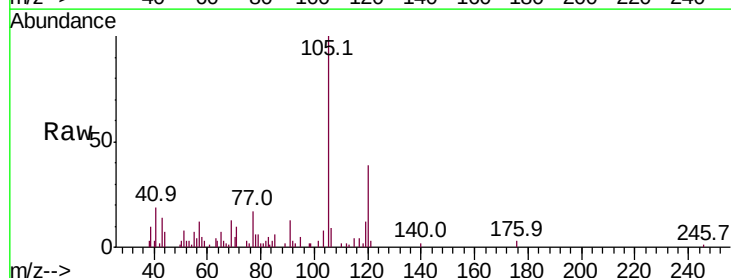
Acq: 18 Nov 2021 23:44

Tgt Ion:105 Resp: 16397

Ion Ratio Lower Upper

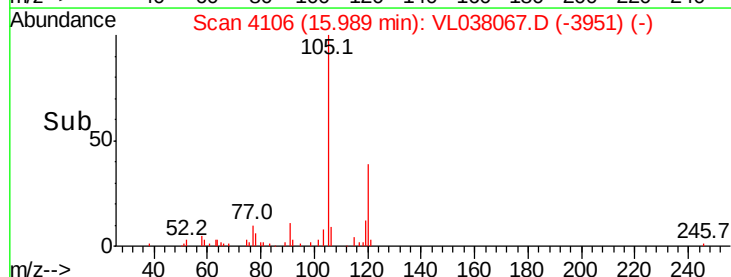
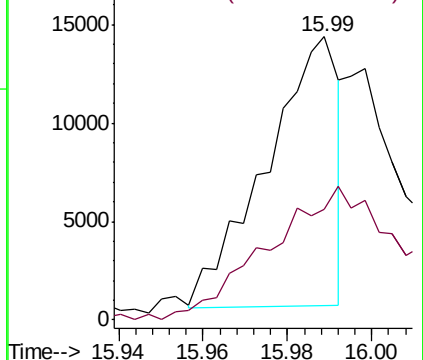
105 100

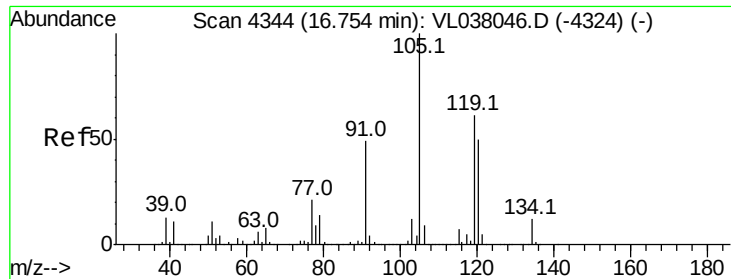
120 37.6 37.8 56.6#



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: 0.435 ppbv
 RT: 16.75
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 57-NEONEY
 Acq: 18 Nov 2021 23.44

Tot Ion:	105	Resp:	125111
Ion Ratio	Lower	Upper	
105	100		
120	42.3	40.1	60.1
91	10.5	39.8	59.8#
77	13.1	16.6	25.0#

