

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112321\
 Data File : VL038108.D
 Acq On : 23 Nov 2021 20:37
 Operator : SY/AP
 Sample : M4805-10
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-EDIBLE-ARRANGEMENTS

Quant Time: Nov 24 06:55:38 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	5.66	49	738824	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2688057	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2325078	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1883000	11.23	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	112.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	39815	0.326	ppbv	95
3) Chlorodifluoromethane	2.97	51	7446120	47.991	ppbv #	63
4) Chloromethane	3.14	50	34143	0.646	ppbv	95
7) Chloroethane	3.56	64	750	0.041	ppbv #	71
9) Propene	3.20	41	2329648	40.770	ppbv	97
10) Heptane	8.11	43	50003	0.354	ppbv #	32
11) Trichlorofluoromethane	3.95	101	149141	1.285	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.48	101	4665	0.057	ppbv #	13
13) Ethanol	3.62	45	8632898	1563.360	ppbv	90
15) Acetone	3.84	43	2754420	42.999	ppbv	94
16) 1,3-Butadiene	3.30	39	14891	0.298	ppbv #	9
17) tert-Butyl alcohol	3.98	59	147240	1.895	ppbv	95
19) Isopropyl Alcohol	3.98	45	4338995	93.748	ppbv #	99
20) Methylene Chloride	4.34	84	236530	6.592	ppbv	97
21) Allyl Chloride	4.36	41	3755	0.063	ppbv #	1
23) Vinyl Acetate	5.05	43	63447	0.684	ppbv #	1
25) Ethyl Acetate	5.66	43	14620044	68.672	ppbv #	80
26) Hexane	5.68	57	206374	2.011	ppbv #	1
28) Methyl tert-Butyl Ether	5.03	73	2810	0.032	ppbv #	20
29) Chloroform	5.75	83	1033224	6.832	ppbv	96
30) Cyclohexane	7.12	84	19586	0.210	ppbv #	17
31) cis-1,2-Dichloroethene	5.66	61	2438756	24.984	ppbv #	22
34) 2-Butanone	5.66	43	13966492	128.855	ppbv #	52
35) Carbon Tetrachloride	7.00	117	5668	0.030	ppbv	93
36) Benzene	6.88	78	240280	0.896	ppbv	99
39) 1,2-Dichloropropane	7.17	63	683857	6.649	ppbv #	27
41) Tetrahydrofuran	5.66	42	1357049	20.169	ppbv #	42
44) 2,2,4-Trimethylpentane	7.86	57	225747	0.503	ppbv	92
50) 4-Methyl-2-Pentanone	8.74	43	11303	0.069	ppbv #	38
51) 2-Hexanone	10.04	43	10107	0.131	ppbv #	53
52) Tetrachloroethene	11.21	164	40080	0.404	ppbv	91
53) Toluene	9.79	91	500116	1.621	ppbv	98
58) Ethyl Benzene	12.70	91	123611	0.322	ppbv	89
59) m/p-Xylene	12.95	91	219391	0.678	ppbv #	29
60) o-Xylene	13.67	91	130481	0.435	ppbv	94
61) Styrene	13.51	104	16356	0.102	ppbv #	30
64) n-propylbenzene	15.54	120	3893	0.036	ppbv #	35
72) 4-Ethyltoluene	15.82	105	16905	0.049	ppbv #	63
74) 1,2,4-Trimethylbenzene	16.74	105	67298	0.206	ppbv #	71

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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

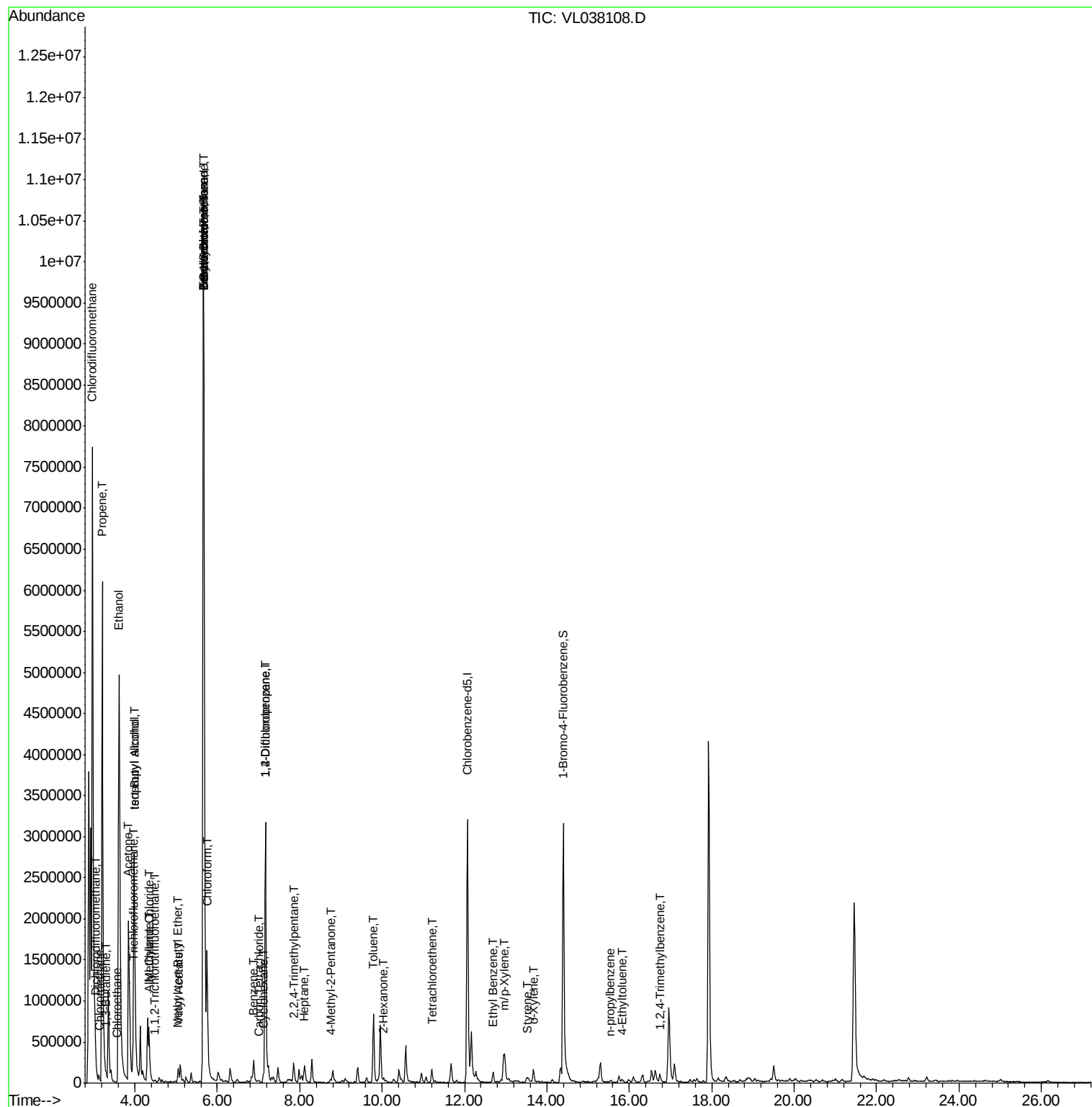
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

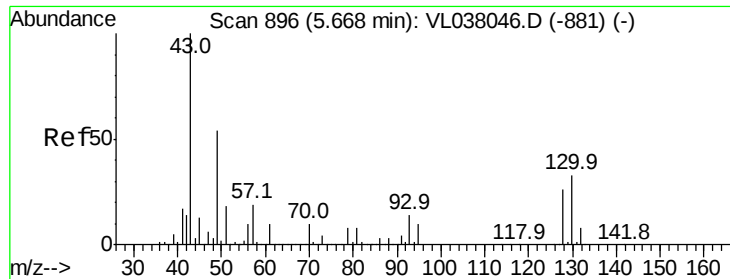
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: IA-EDIBLE-ARRANGEMENTS

Acq: 23 Nov 2021 20:37

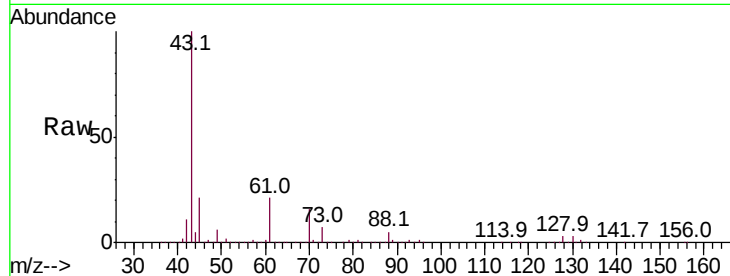
Tot Ion: 49 Resp: 738824

Ion Ratio Lower Upper

49 100

128 50.2 26.5 79.5

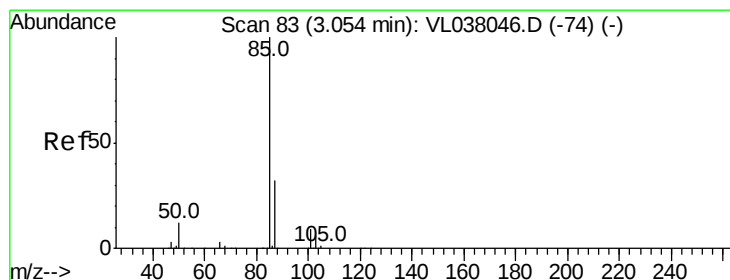
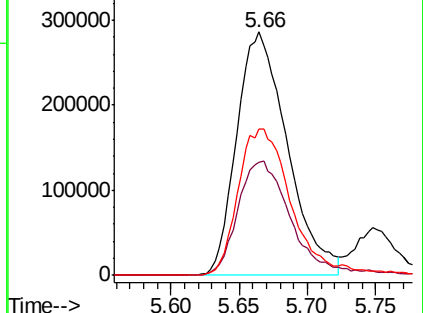
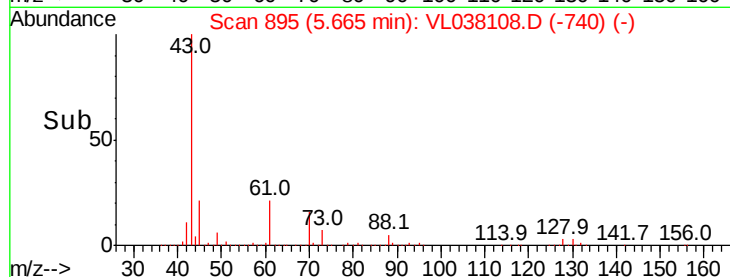
130 64.2 32.5 97.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.326 ppbv

RT: 3.05 min Scan# 82

Delta R.T. -0.00 min

Lab File: VL038108.D

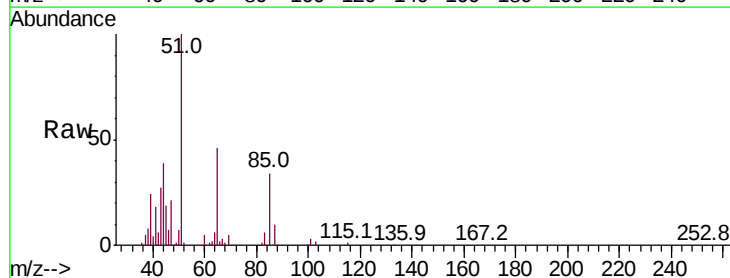
Acq: 23 Nov 2021 20:37

Tgt Ion: 85 Resp: 39815

Ion Ratio Lower Upper

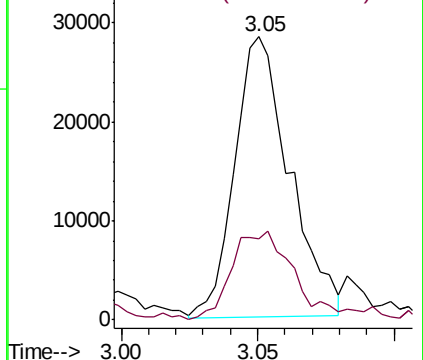
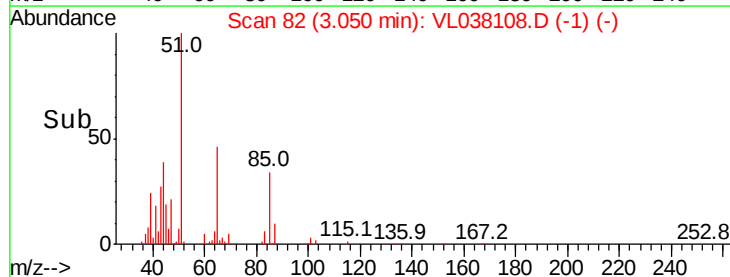
85 100

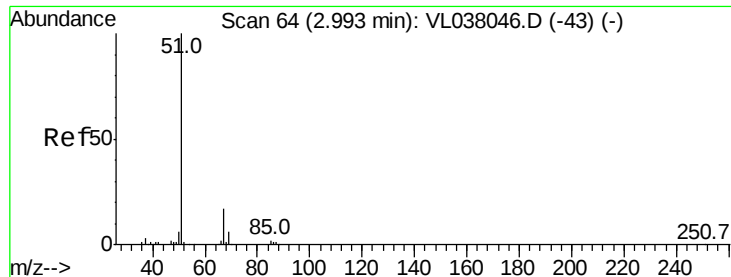
87 29.2 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 47.991 ppbv

RT: 2.97

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

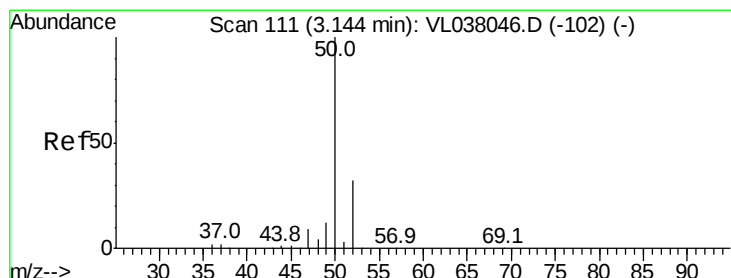
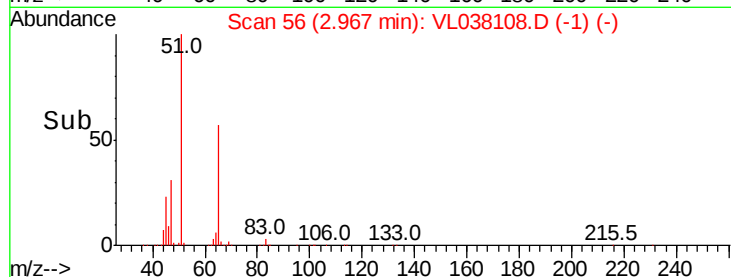
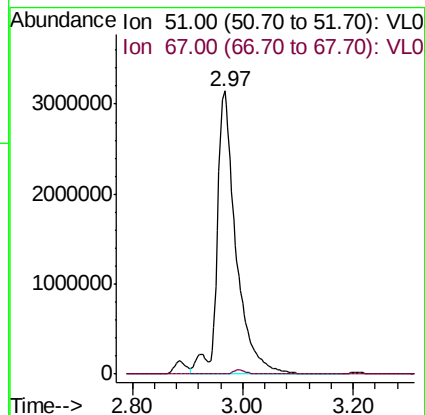
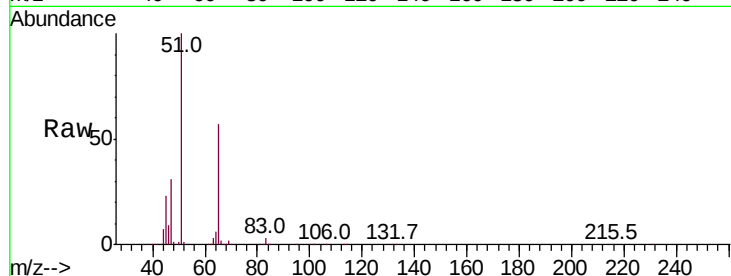
Acq: 23 Nov 2021 20:37

Tot Ion: 51 Resp: 7446120

Ion Ratio Lower Upper

51 100

67 1.2 13.8 20.8#



#4

Chloromethane

Concen: 0.646 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL038108.D

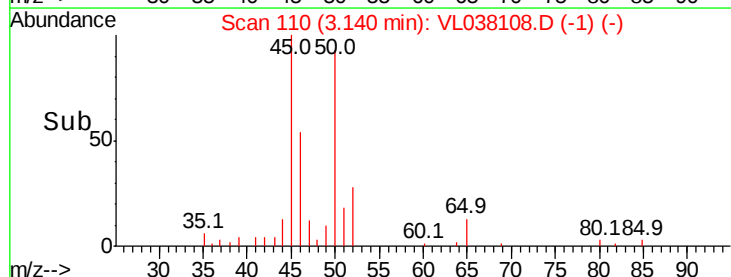
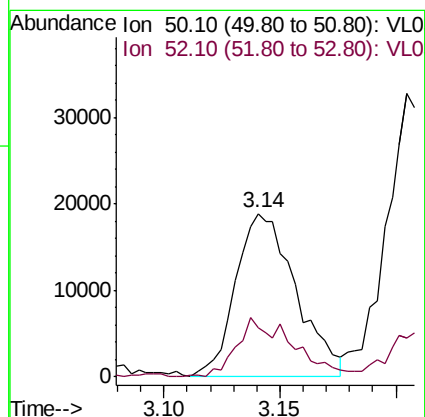
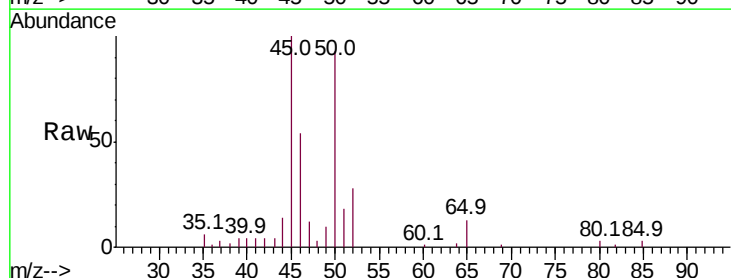
Acq: 23 Nov 2021 20:37

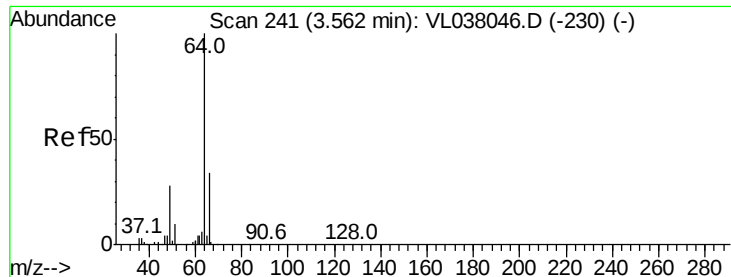
Tgt Ion: 50 Resp: 34143

Ion Ratio Lower Upper

50 100

52 29.2 25.4 38.0





#7

Chloroethane

Concen: 0.041 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

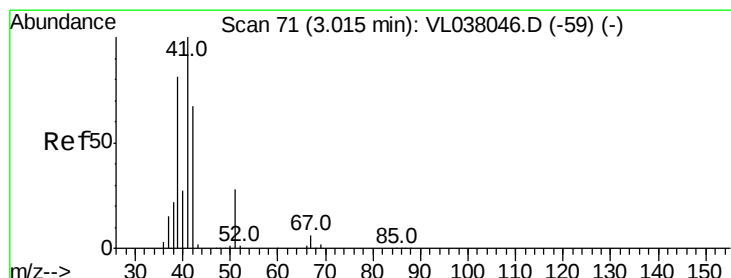
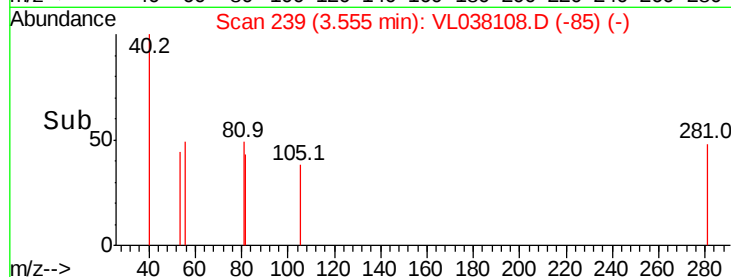
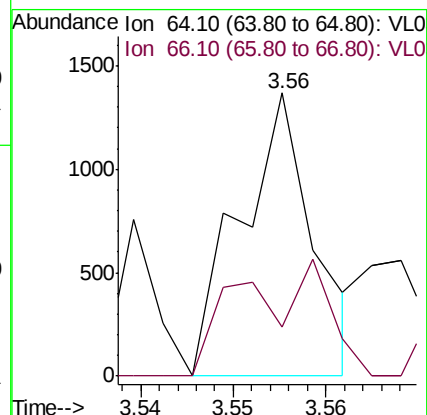
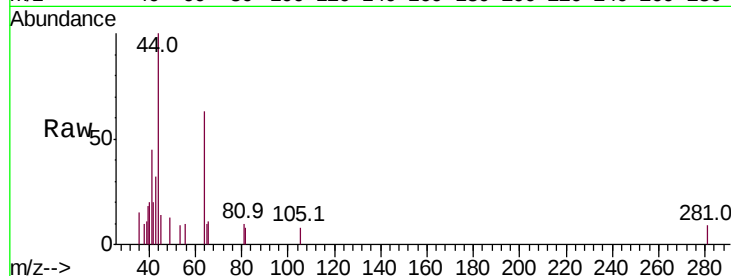
Acq: 23 Nov 2021 20:37

Tot Ion: 64 Resp: 750

Ion Ratio Lower Upper

64 100

66 17.3 27.2 40.8#



#9

Propene

Concen: 40.770 ppbv

RT: 3.20 min Scan# 130

Delta R.T. 0.19 min

Lab File: VL038108.D

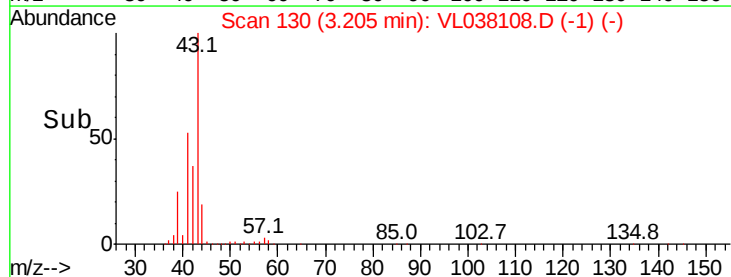
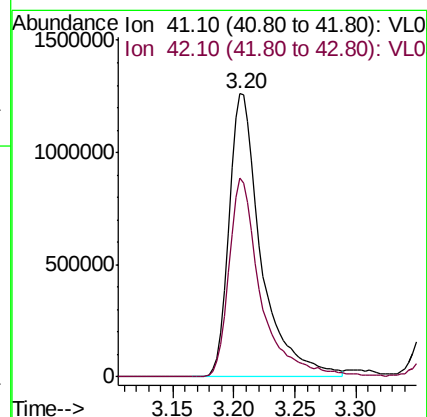
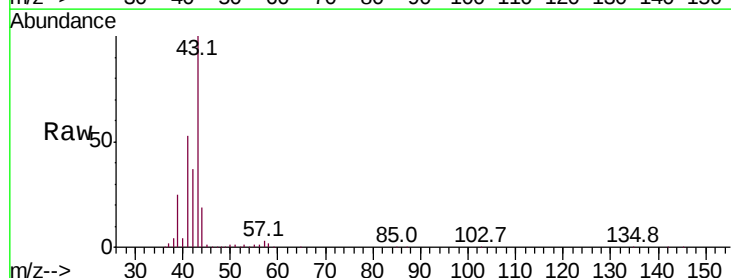
Acq: 23 Nov 2021 20:37

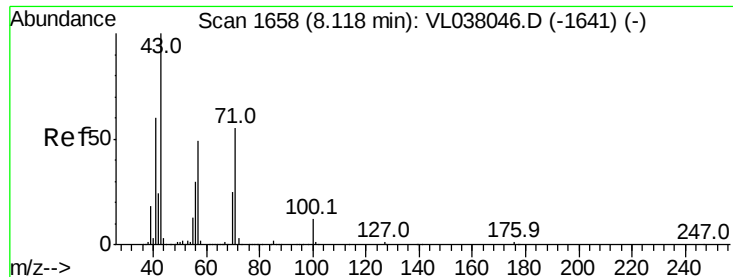
Tgt Ion: 41 Resp: 2329648

Ion Ratio Lower Upper

41 100

42 69.9 53.8 80.8





#10

Heptane

Concen: 0.354 ppbv

RT: 8.11 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

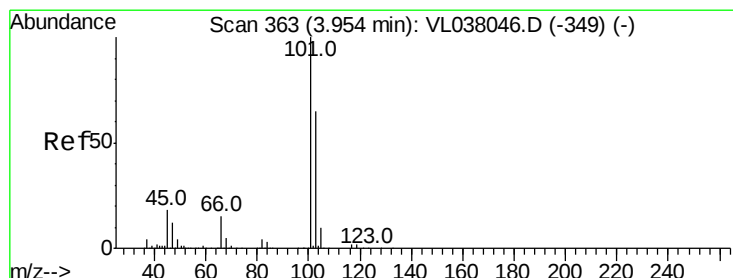
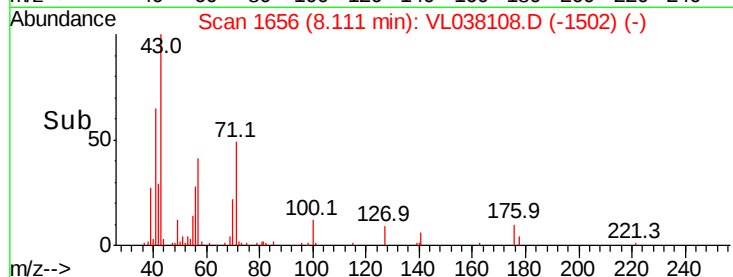
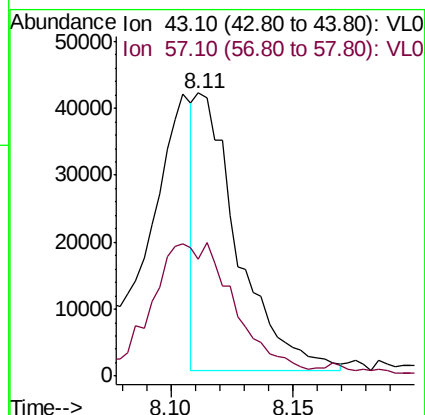
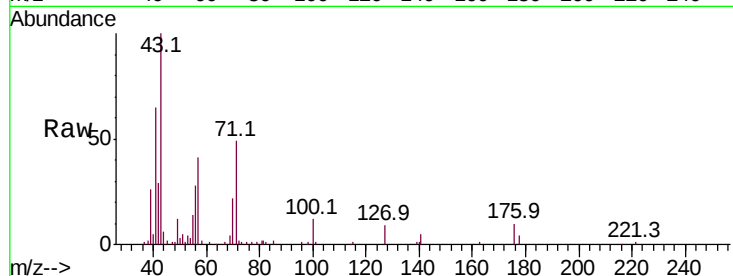
Acq: 23 Nov 2021 20:37 IA-EDIBLE-ARRANGEMENTS

Tot Ion: 43 Resp: 50003

Ion Ratio Lower Upper

43 100

57 97.2 40.4 60.6#



#11

Trichlorofluoromethane

Concen: 1.285 ppbv

RT: 3.95 min Scan# 361

Delta R.T. -0.01 min

Lab File: VL038108.D

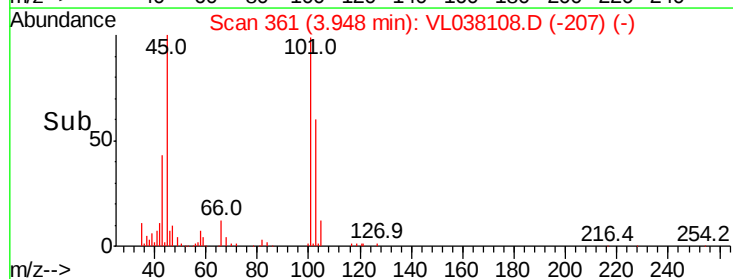
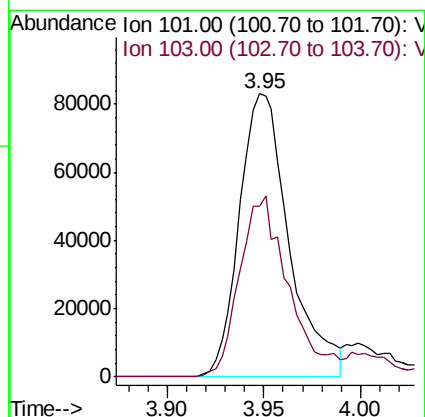
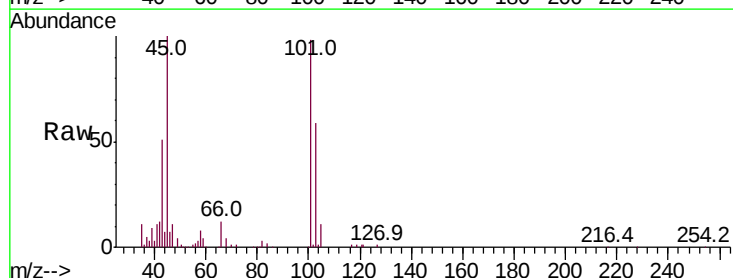
Acq: 23 Nov 2021 20:37

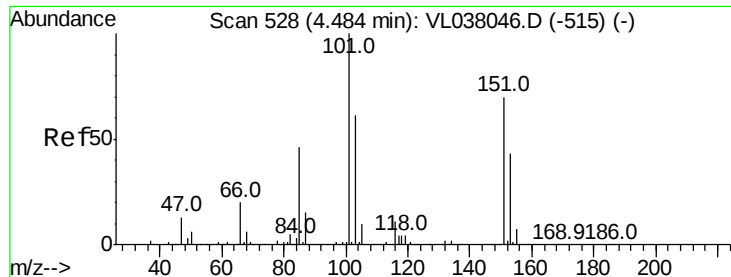
Tgt Ion:101 Resp: 149141

Ion Ratio Lower Upper

101 100

103 60.4 51.8 77.6





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.057 ppbv

RT: 4.48 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

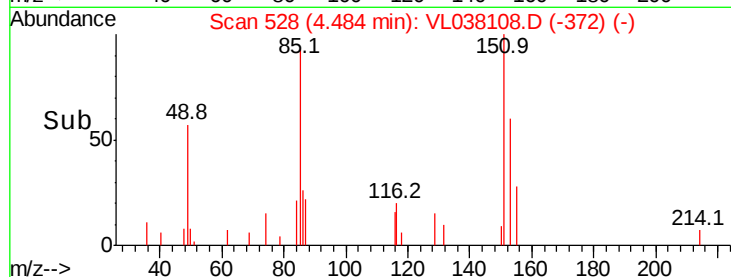
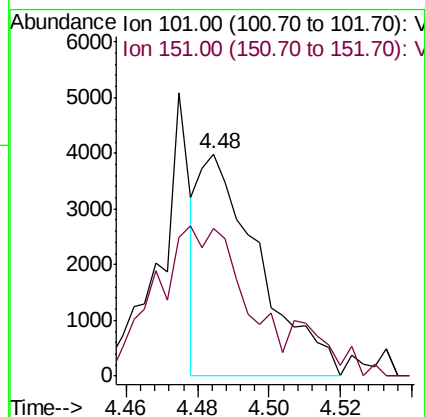
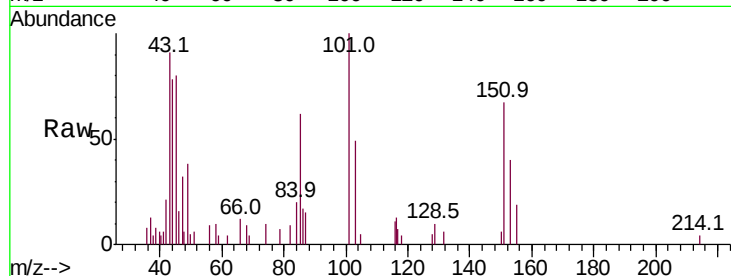
Acq: 23 Nov 2021 20:37

Tot Ion: 101 Resp: 4665

Ion Ratio Lower Upper

101 100

151 0.0 59.0 88.4#



#13

Ethanol

Concen: 1563.360 ppbv

RT: 3.62 min Scan# 258

Delta R.T. 0.01 min

Lab File: VL038108.D

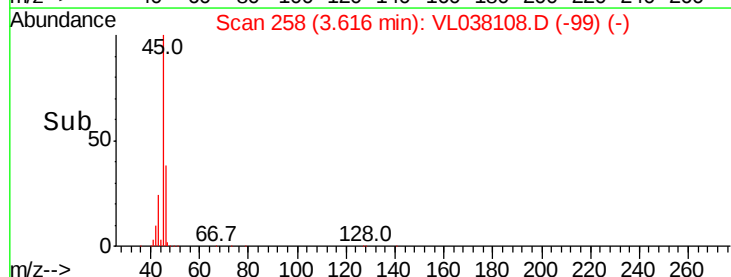
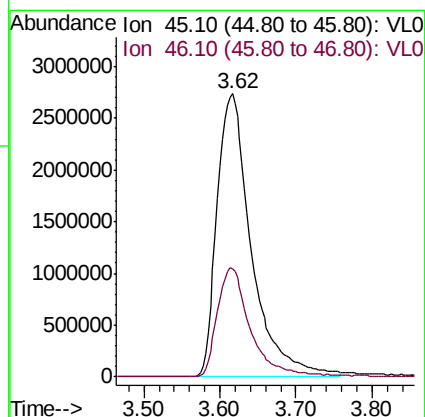
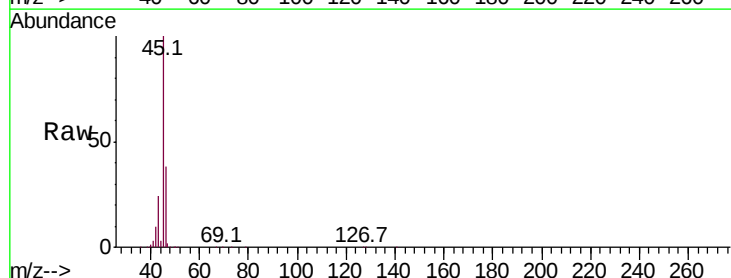
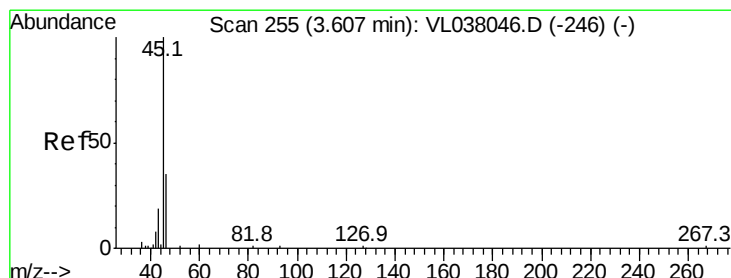
Acq: 23 Nov 2021 20:37

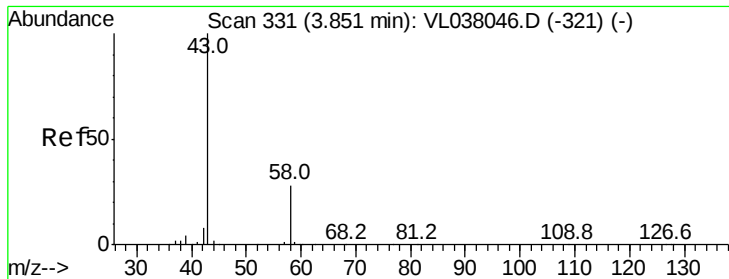
Tgt Ion: 45 Resp: 8632898

Ion Ratio Lower Upper

45 100

46 37.8 17.6 70.2





#15

Acetone

Concen: 42.999 ppbv

RT: 3.84 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

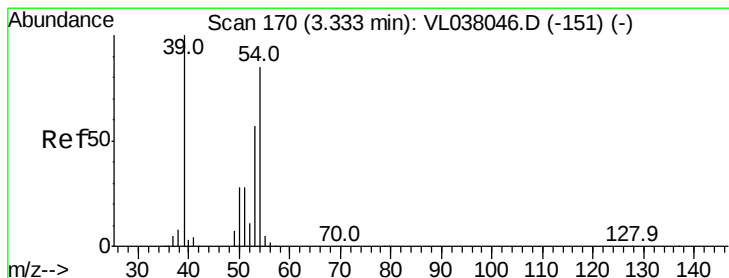
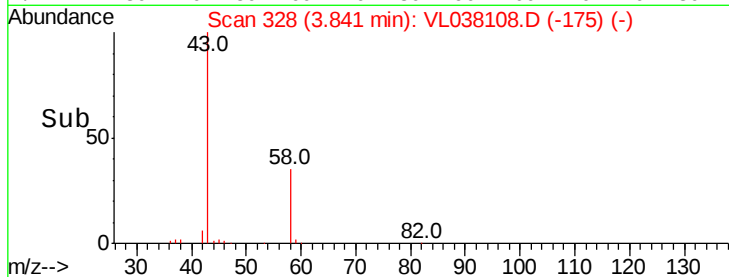
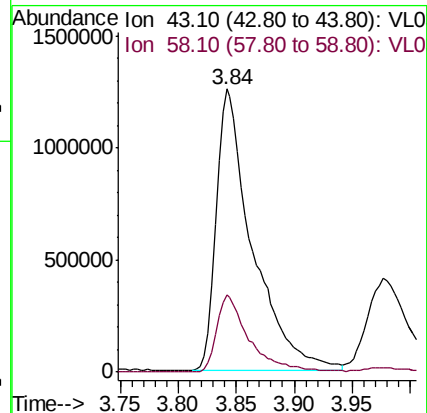
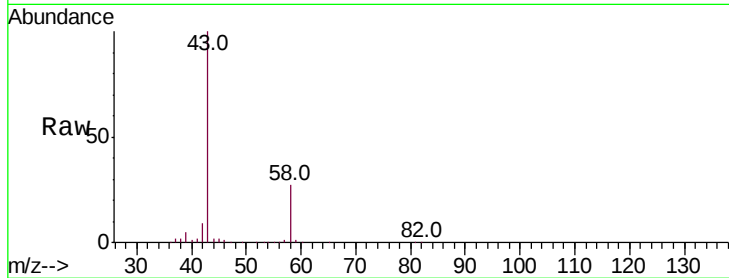
Acq: 23 Nov 2021 20:37 IA-EDIBLE-ARRANGEMENTS

Tot Ion: 43 Resp: 2754420

Ion Ratio Lower Upper

43 100

58 24.8 22.4 33.6



#16

1,3-Butadiene

Concen: 0.298 ppbv

RT: 3.30 min Scan# 161

Delta R.T. -0.03 min

Lab File: VL038108.D

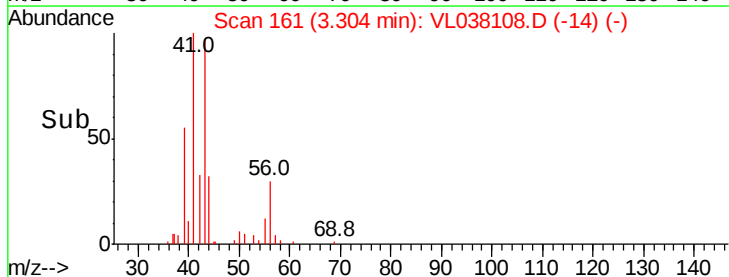
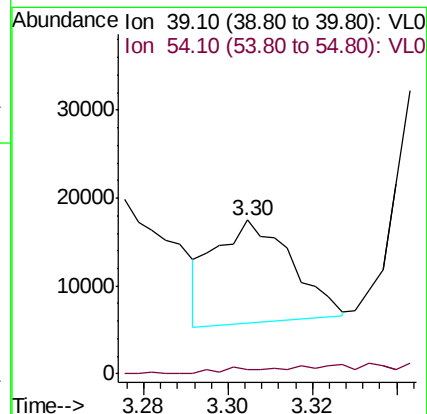
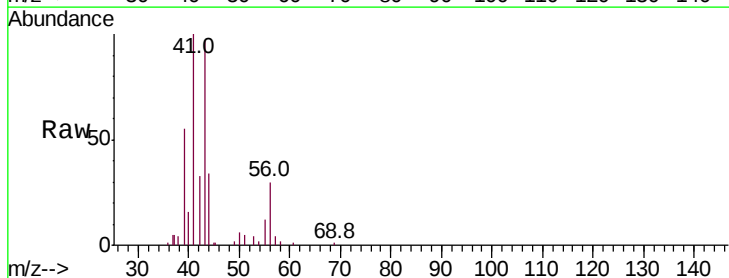
Acq: 23 Nov 2021 20:37

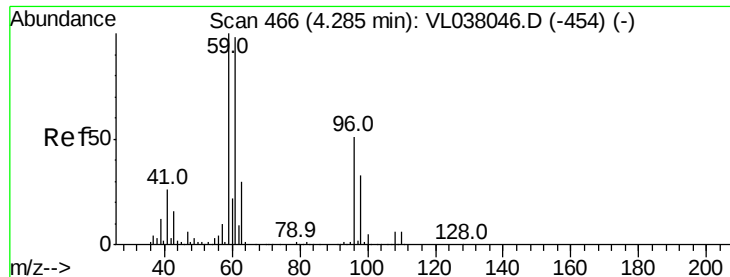
Tgt Ion: 39 Resp: 14891

Ion Ratio Lower Upper

39 100

54 0.0 64.4 96.6#





#17

tert-Butyl alcohol

Concen: 1.895 ppbv

RT: 3.98 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

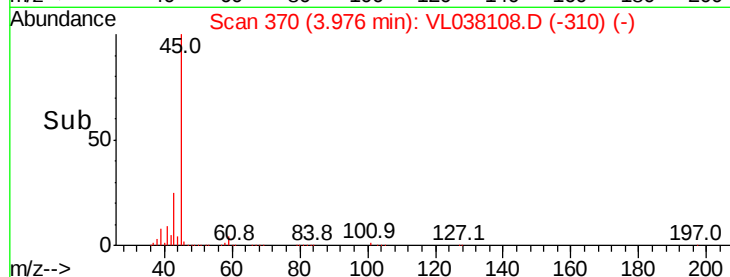
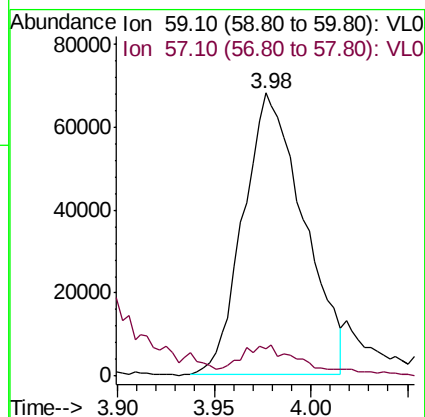
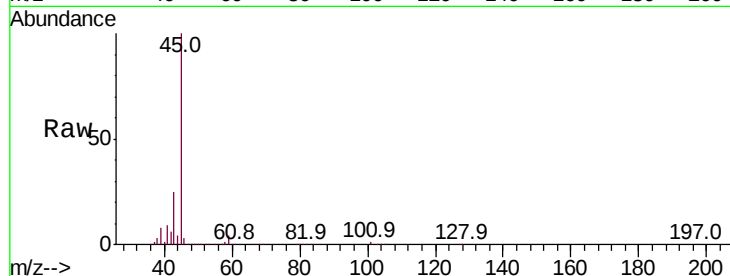
Acq: 23 Nov 2021 20:37

Tot Ion: 59 Resp: 147240

Ion Ratio Lower Upper

59 100

57 12.7 8.6 13.0



#19

Isopropyl Alcohol

Concen: 93.748 ppbv

RT: 3.98 min Scan# 371

Delta R.T. 0.01 min

Lab File: VL038108.D

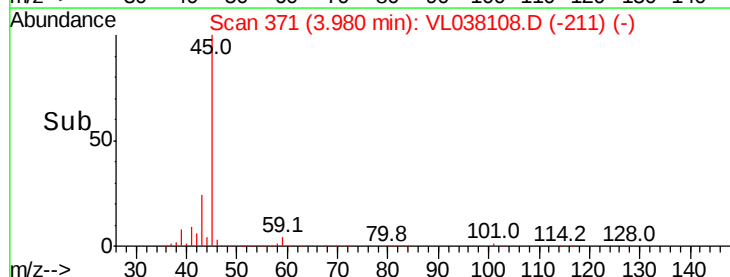
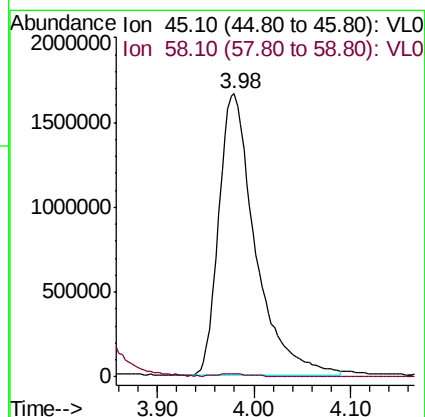
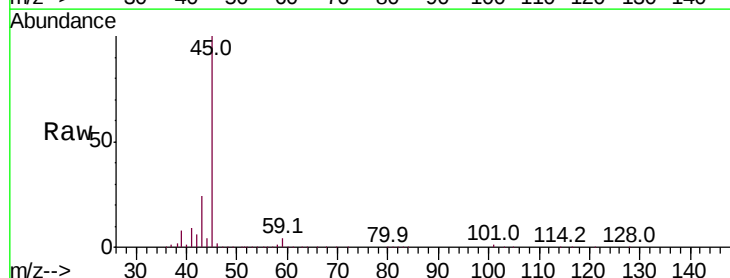
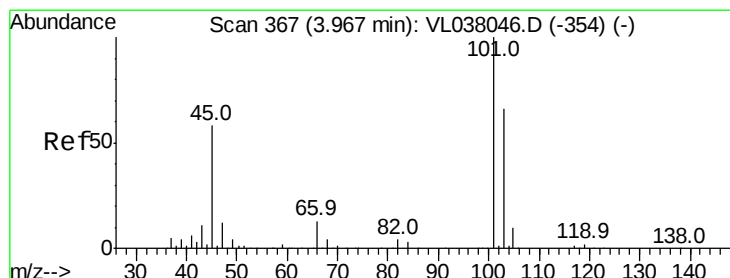
Acq: 23 Nov 2021 20:37

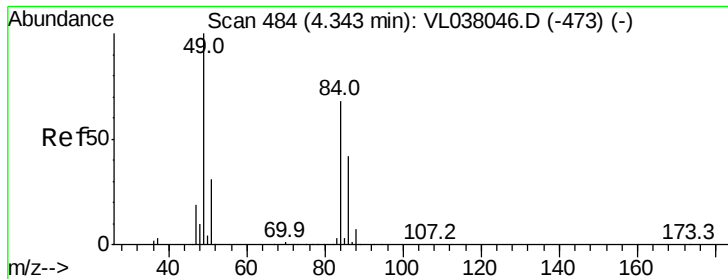
Tgt Ion: 45 Resp: 4338995

Ion Ratio Lower Upper

45 100

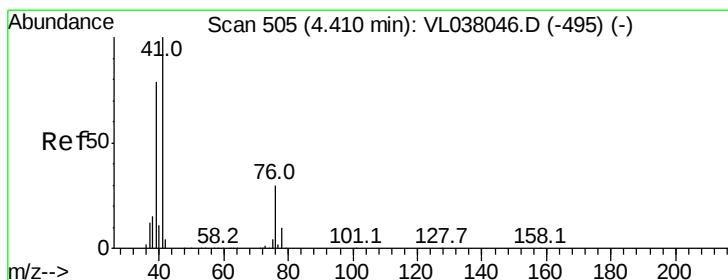
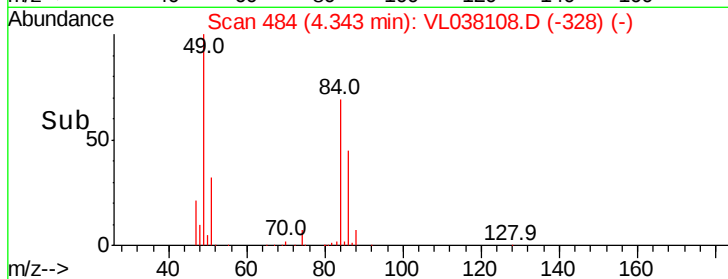
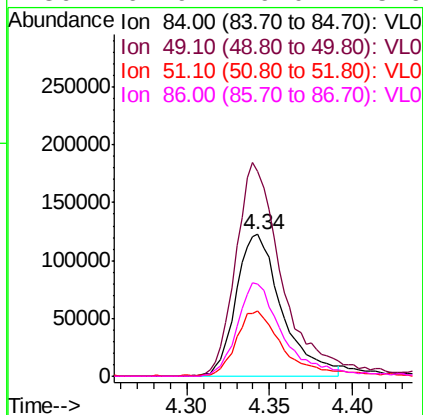
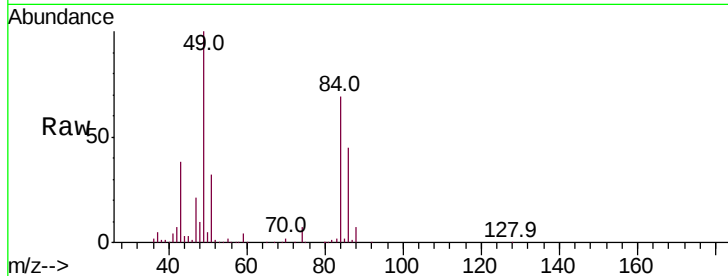
58 1.3 1.4 2.0#





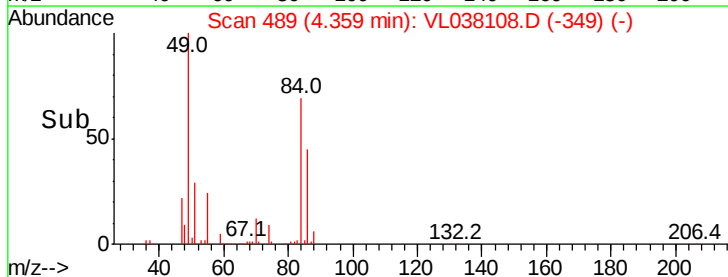
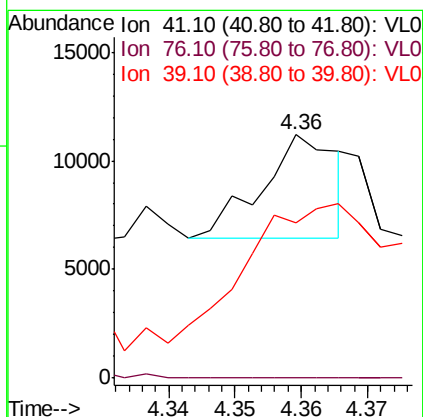
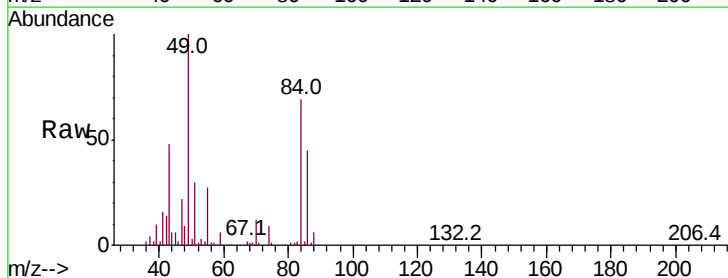
#20
Methvlene Chloride
Concen: 6.592 ppbv
RT: 4.34
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 23 Nov 2021 20:37

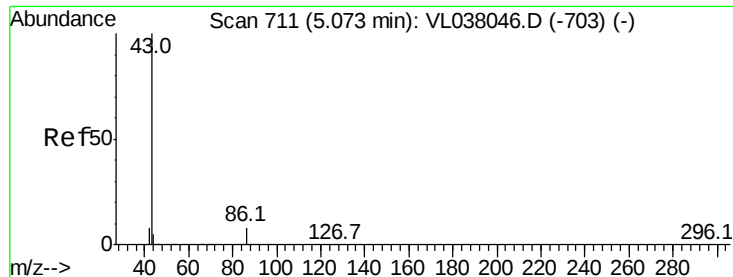
Tot Ion:	84	Resp:	236530
Ion	Ratio	Lower	Upper
84	100		
49	144.4	118.2	177.2
51	44.8	36.8	55.2
86	64.9	49.0	73.6



#21
Allyl Chloride
Concen: 0.063 ppbv
RT: 4.36 min Scan# 489
Delta R.T. -0.05 min
Lab File: VL038108.D
Acq: 23 Nov 2021 20:37

Tgt Ion:	41	Resp:	3755
Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.6	36.8#
39	434.0	63.4	95.0#





#23

Vinyl Acetate

Concen: 0.684 ppbv

RT: 5.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Nov 2021 20:37

Tot Ion: 43 Resp: 63447

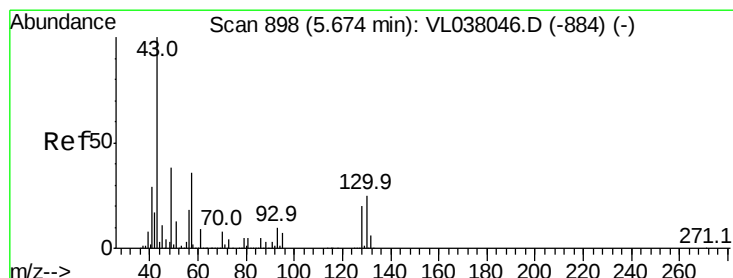
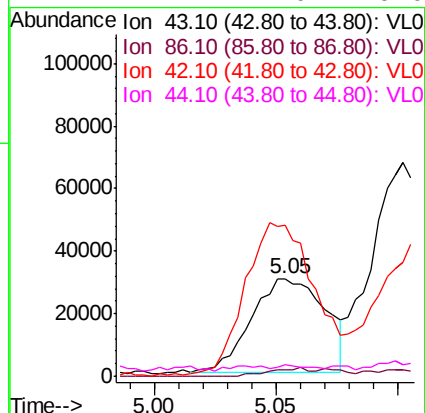
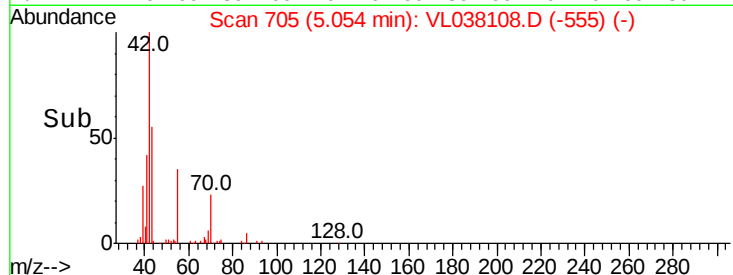
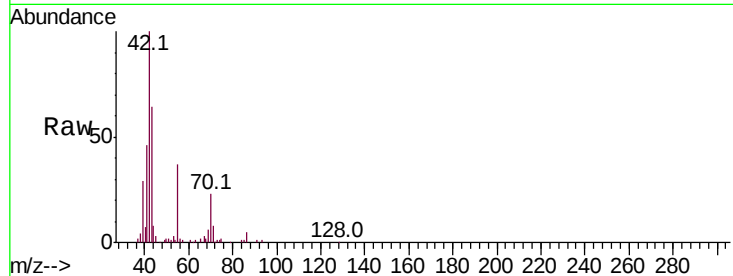
Ion Ratio Lower Upper

43 100

86 7.3 5.3 7.9

42 157.9 7.0 10.6#

44 2.7 4.0 6.0#



#25

Ethyl Acetate

Concen: 68.672 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.01 min

Lab File: VL038108.D

Acq: 23 Nov 2021 20:37

Tgt Ion: 43 Resp: 14620044

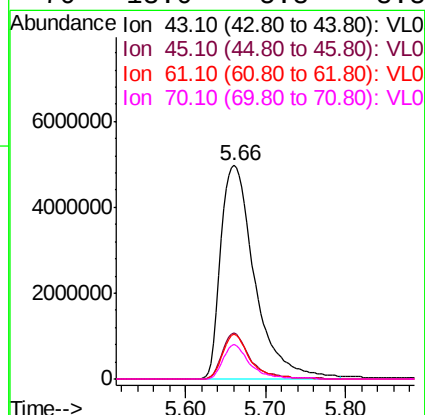
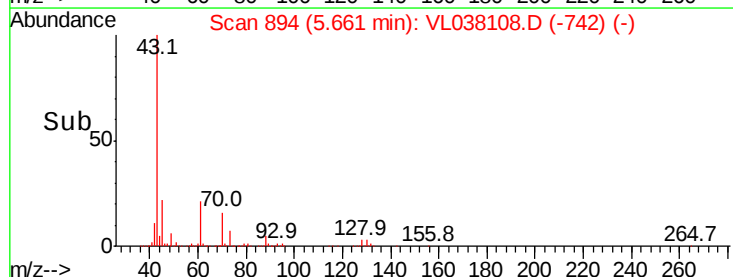
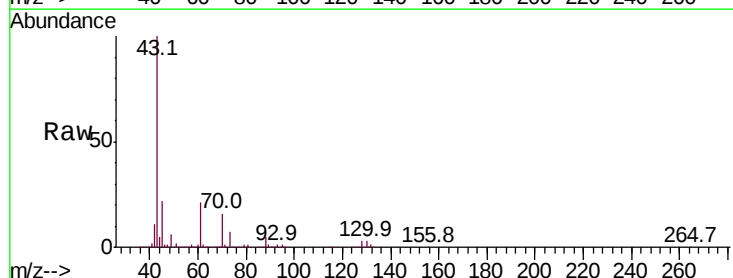
Ion Ratio Lower Upper

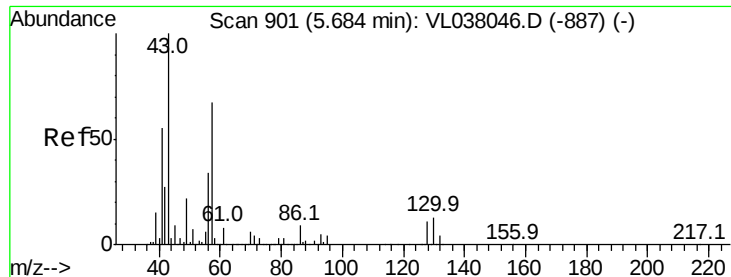
43 100

45 18.1 7.9 11.9#

61 17.1 7.8 11.6#

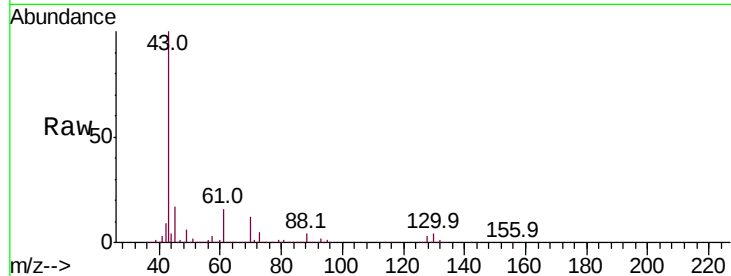
70 13.0 5.8 8.8#



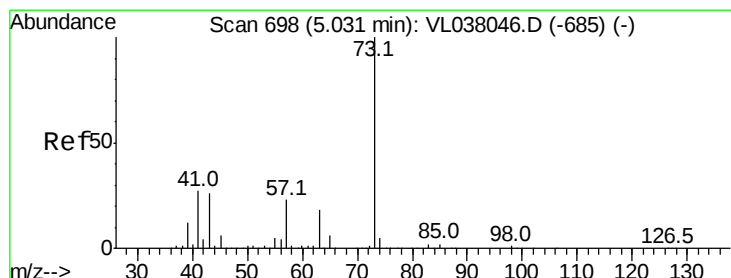
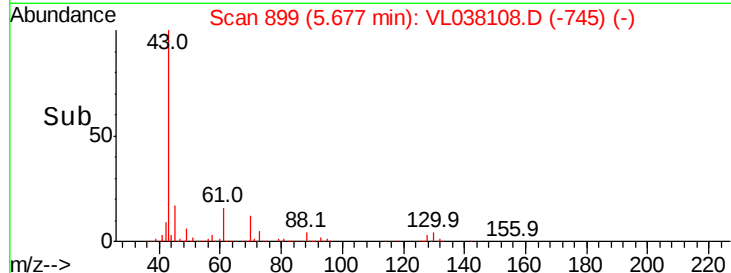
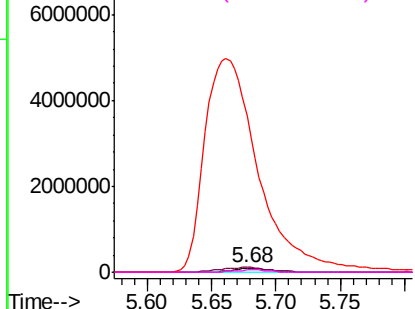


#26
Hexane
Concen: 2.011 ppbv
RT: 5.68
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 23 Nov 2021 20:37
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Tot Ion: 57 Resp: 206374
Ion Ratio Lower Upper
57 100
41 156.5 71.4 107.2#
43 7222.1 174.6 261.8#
56 56.5 43.2 64.8

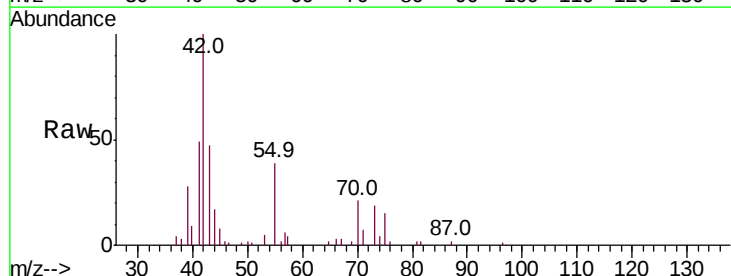


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

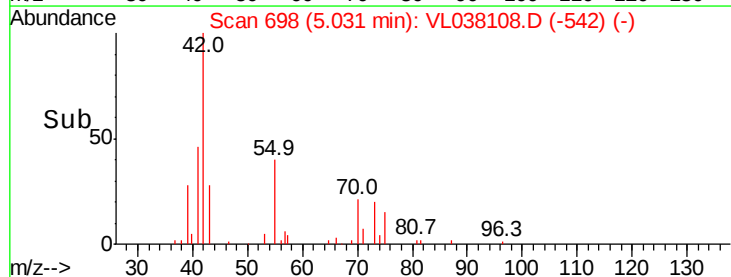
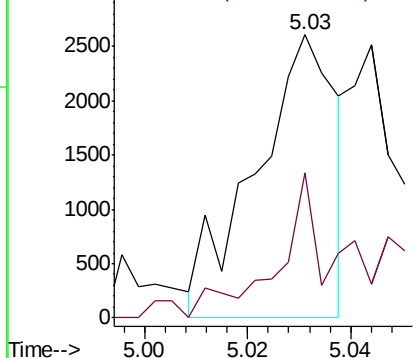


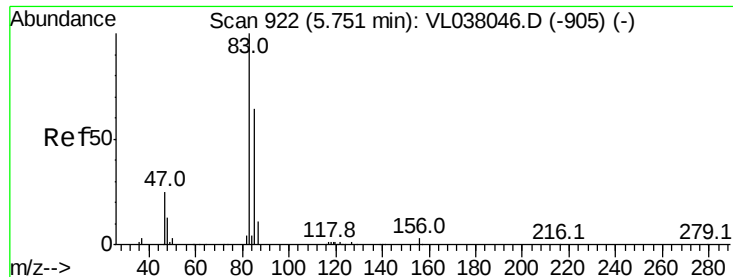
#28
Methyl tert-Butyl Ether
Concen: 0.032 ppbv
RT: 5.03 min Scan# 698
Delta R.T. 0.00 min
Lab File: VL038108.D
Acq: 23 Nov 2021 20:37

Tgt Ion: 73 Resp: 2810
Ion Ratio Lower Upper
73 100
57 62.9 19.0 28.4#



Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 6.832 ppbv

RT: 5.75 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

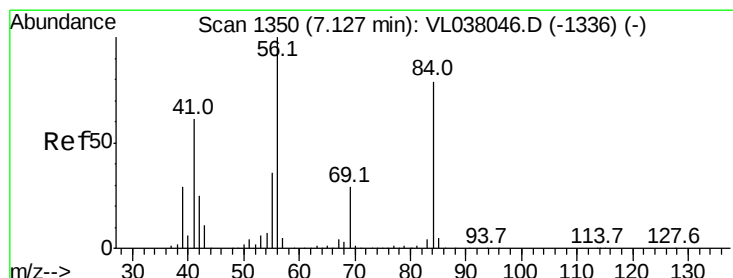
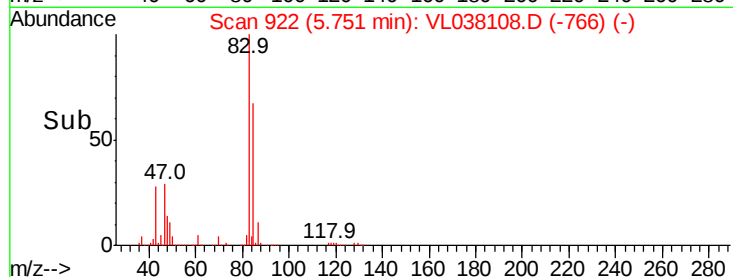
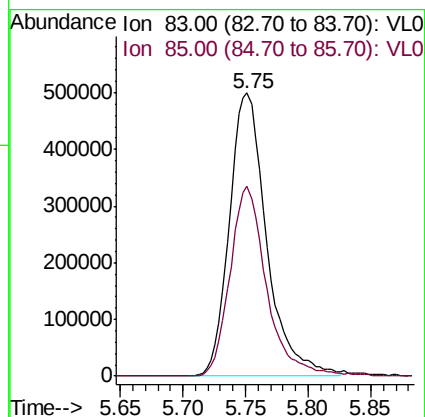
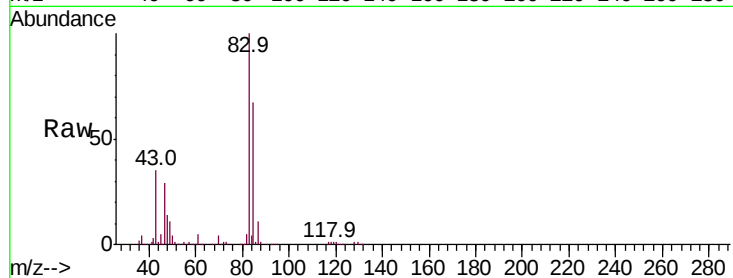
Acq: 23 Nov 2021 20:37

Tot Ion: 83 Resp: 1033224

Ion Ratio Lower Upper

83 100

85 67.1 51.0 76.6



#30

Cyclohexane

Concen: 0.210 ppbv

RT: 7.12 min Scan# 1348

Delta R.T. -0.01 min

Lab File: VL038108.D

Acq: 23 Nov 2021 20:37

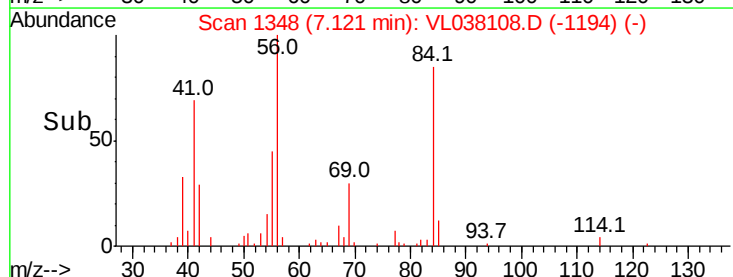
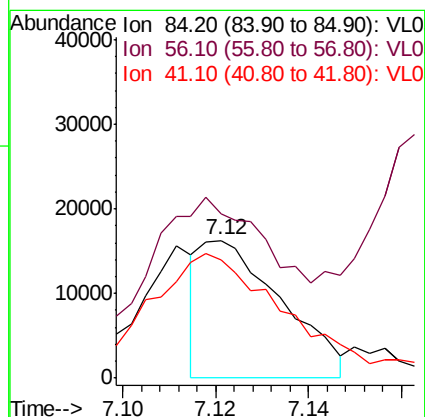
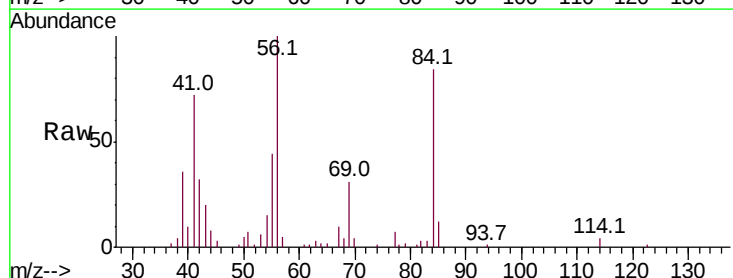
Tgt Ion: 84 Resp: 19586

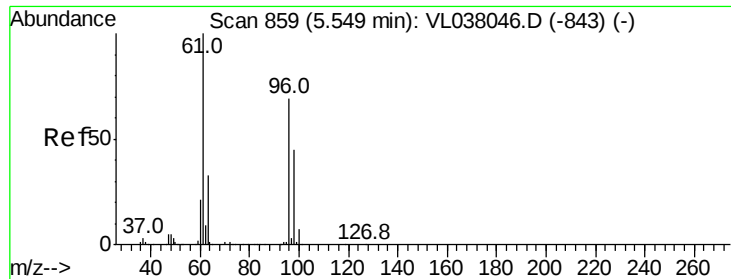
Ion Ratio Lower Upper

84 100

56 229.5 108.1 162.1#

41 159.5 64.4 96.6#





#31

cis-1,2-Dichloroethene

Concen: 24.984 ppbv

RT: 5.66 Instrument:

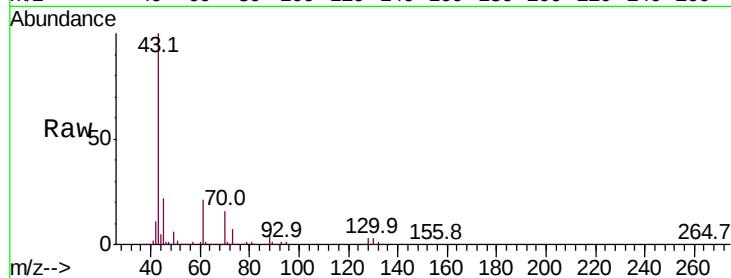
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Nov 2021 20:37

Tot Ion: 61 Resp: 2438756

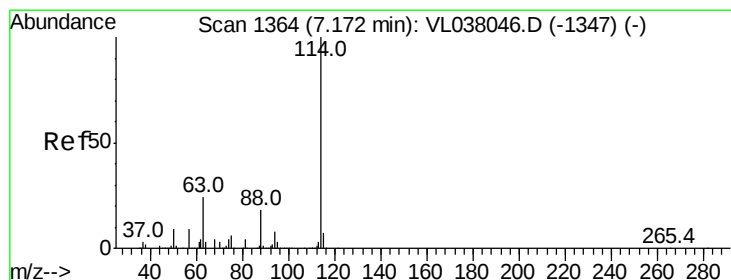
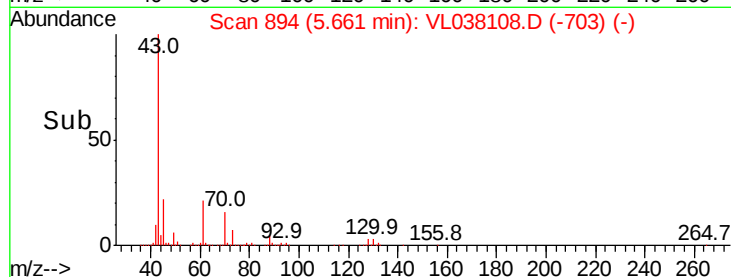
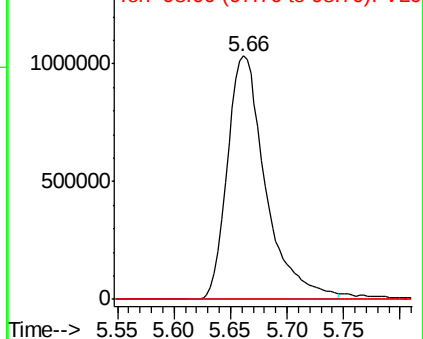
Ion	Ratio	Lower	Upper
61	100		
96	0.1	55.4	83.2#
98	0.0	35.7	53.5#



Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1362

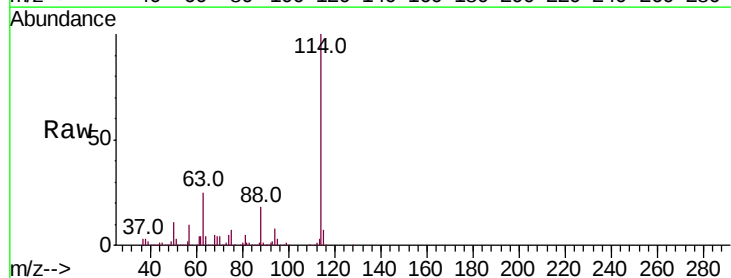
Delta R.T. -0.01 min

Lab File: VL038108.D

Acq: 23 Nov 2021 20:37

Tgt Ion: 114 Resp: 2688057

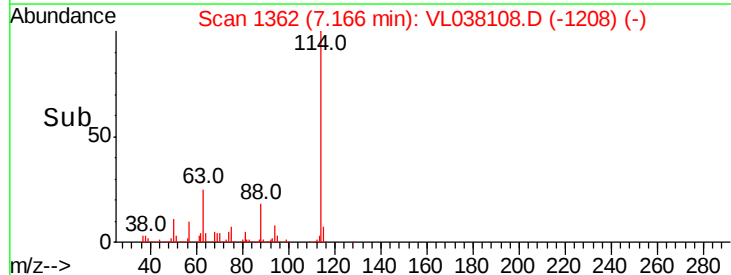
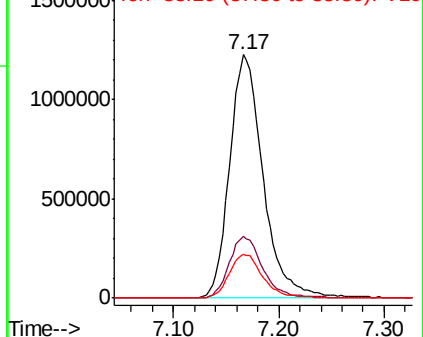
Ion	Ratio	Lower	Upper
114	100		
63	25.8	19.7	29.5
88	18.4	14.4	21.6

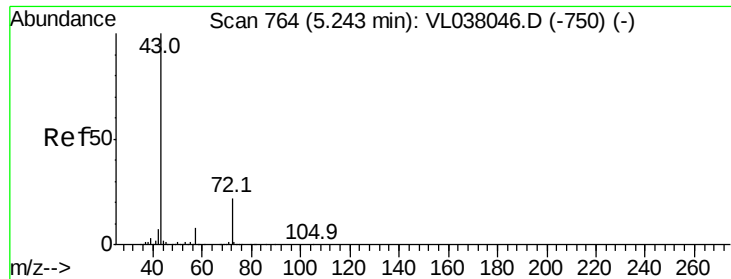


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

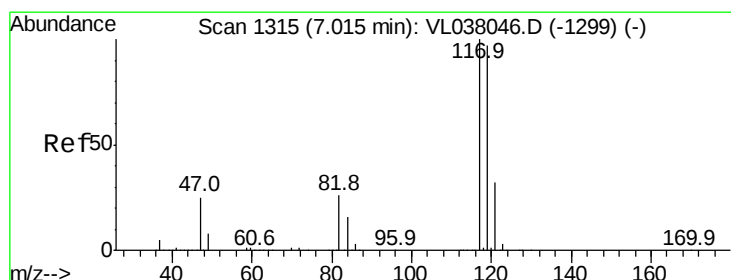
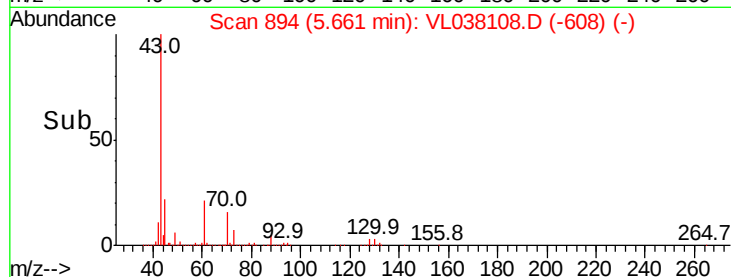
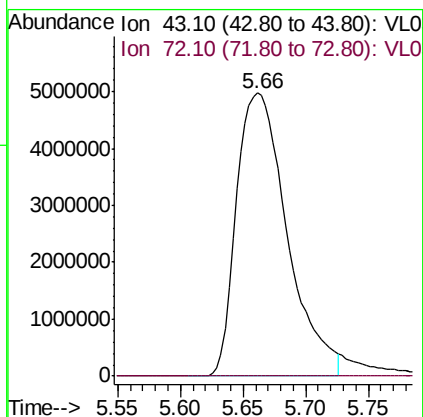
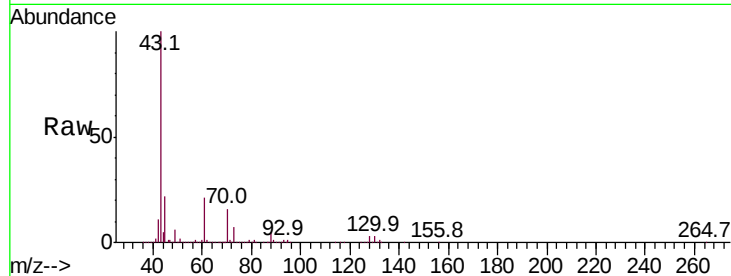
Ion 88.10 (87.80 to 88.80): VL0





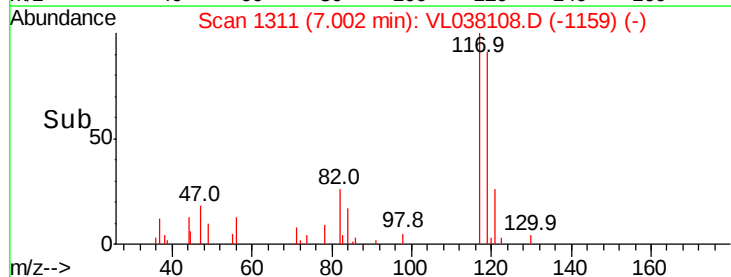
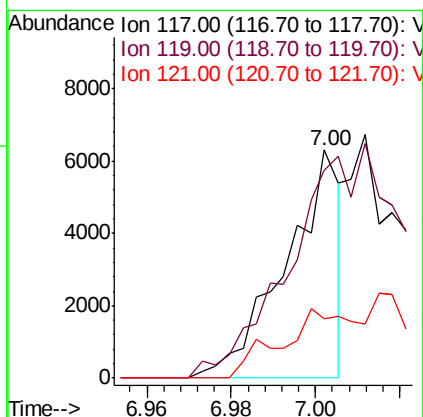
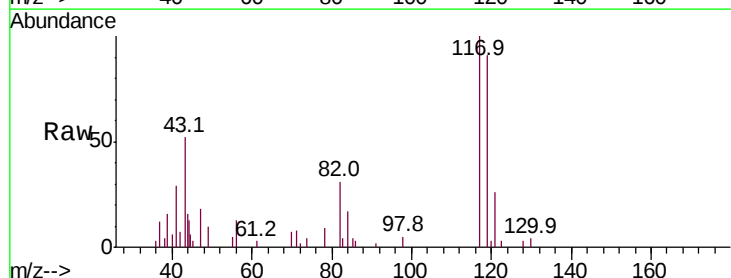
#34
2-Butanone
Concen: 128.855 ppbv
RT: 5.66
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 23 Nov 2021 20:37

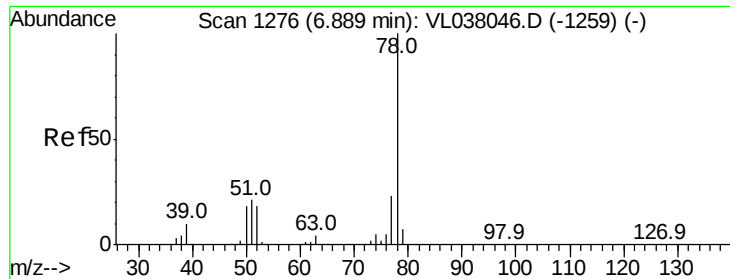
Tot Ion: 43 Resp: 13966492
Ion Ratio Lower Upper
43 100
72 0.0 18.8 28.2#



#35
Carbon Tetrachloride
Concen: 0.030 ppbv
RT: 7.00 min Scan# 1311
Delta R.T. -0.01 min
Lab File: VL038108.D
Acq: 23 Nov 2021 20:37

Tgt Ion: 117 Resp: 5668
Ion Ratio Lower Upper
117 100
119 91.5 77.7 116.5
121 26.3 25.6 38.4





#36

Benzene

Concen: 0.896 ppbv

RT: 6.88 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 23 Nov 2021 20:37 IA-EDIBLE-ARRANGEMENTS

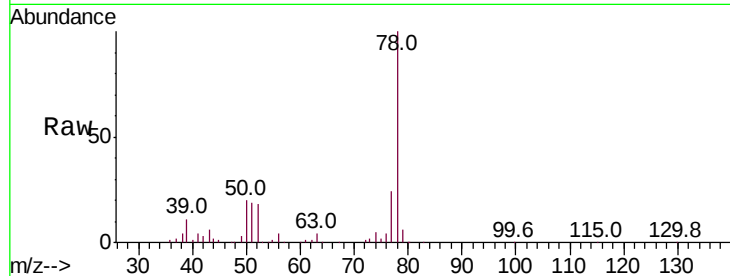
Tot Ion: 78 Resp: 240280

Ion Ratio Lower Upper

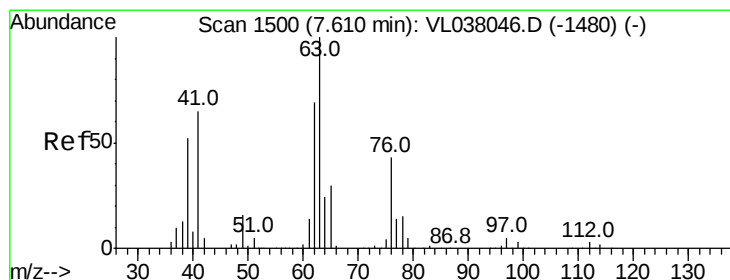
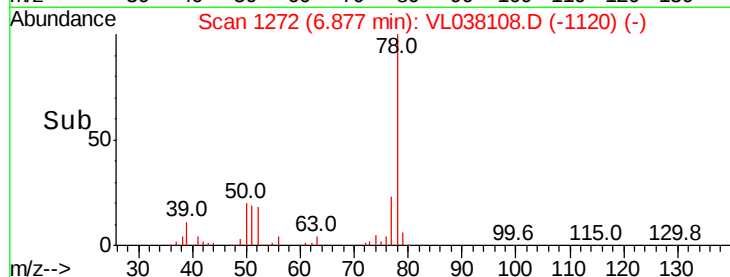
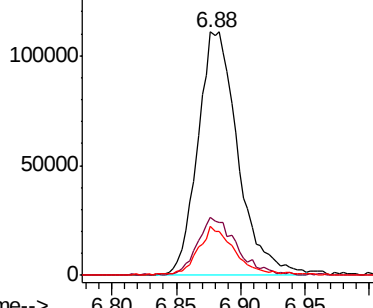
78 100

77 23.3 18.2 27.4

50 19.3 14.7 22.1



Abundance Ion 78.10 (77.80 to 78.80): VL0
150000
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0



#39

1,2-Dichloropropane

Concen: 6.649 ppbv

RT: 7.17 min Scan# 1362

Delta R.T. -0.44 min

Lab File: VL038108.D

Acq: 23 Nov 2021 20:37

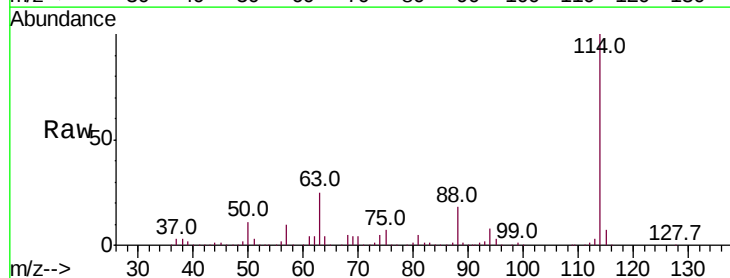
Tgt Ion: 63 Resp: 683857

Ion Ratio Lower Upper

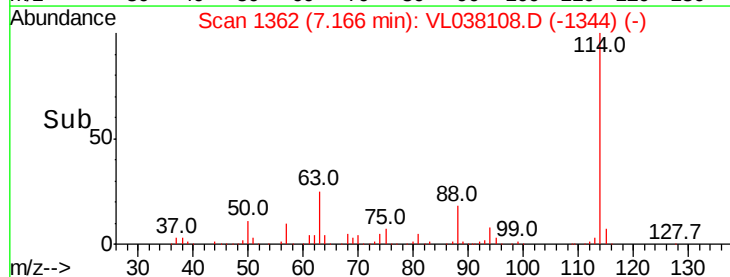
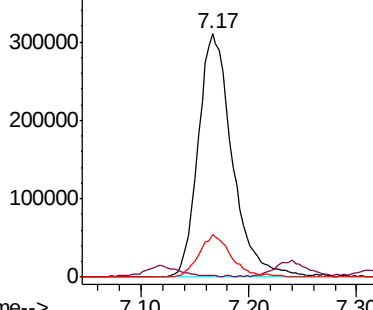
63 100

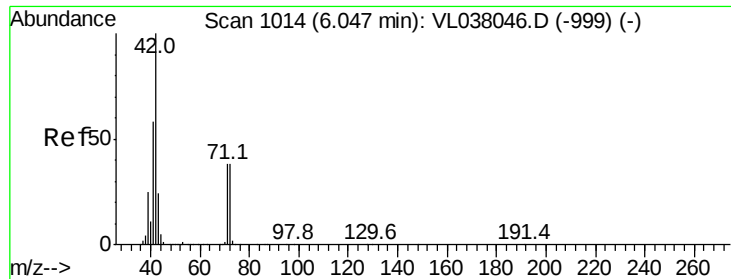
41 0.0 52.3 78.5#

62 17.5 55.1 82.7#



Abundance Ion 63.10 (62.80 to 63.80): VL0
400000
Ion 41.10 (40.80 to 41.80): VL0
Ion 62.10 (61.80 to 62.80): VL0





#41

Tetrahydrofuran

Concen: 20.169 ppbv

RT: 5.66

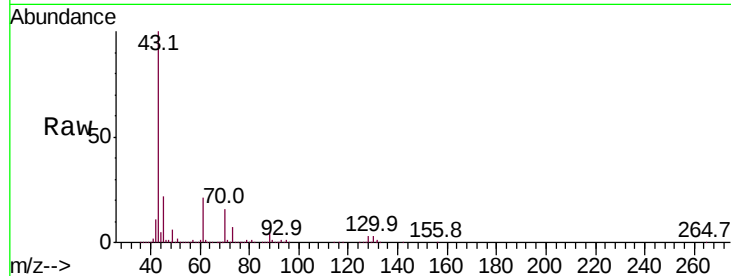
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Nov 2021 20:37

Tot Ion: 42 Resp: 1357049

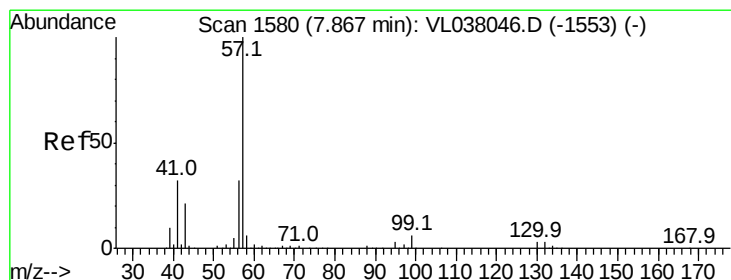
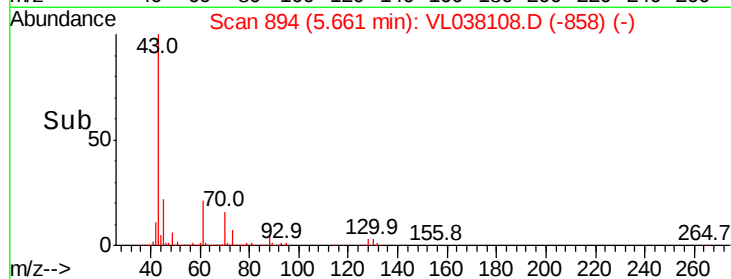
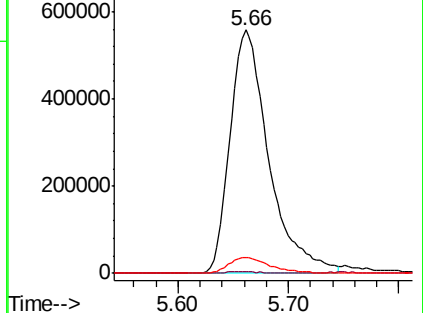
Ion	Ratio	Lower	Upper
42	100		
72	0.6	31.7	47.5#
71	7.2	30.6	46.0#



Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0



#44

2,2,4-Trimethylpentane

Concen: 0.503 ppbv

RT: 7.86 min Scan# 1577

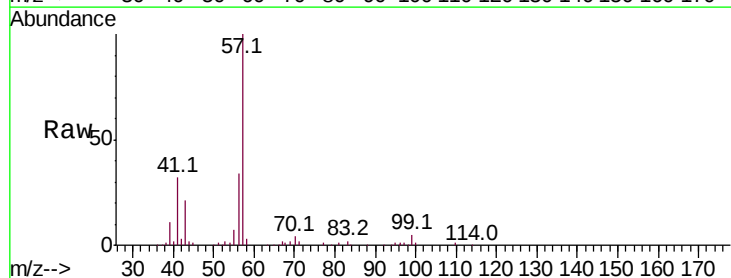
Delta R.T. -0.01 min

Lab File: VL038108.D

Acq: 23 Nov 2021 20:37

Tgt Ion: 57 Resp: 225747

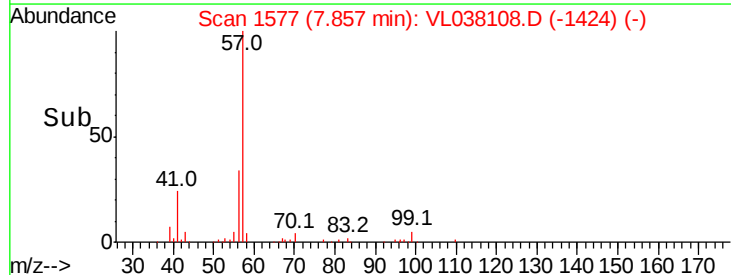
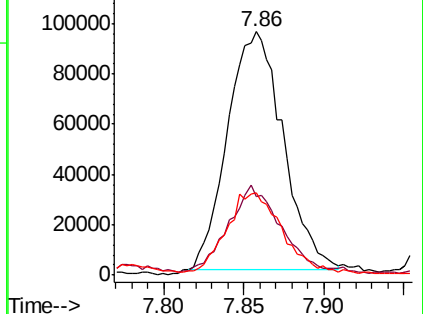
Ion	Ratio	Lower	Upper
57	100		
41	36.8	25.8	38.6
56	35.9	25.6	38.4

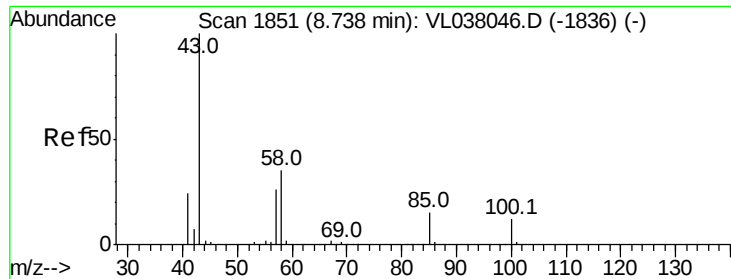


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#50

4-Methyl-2-Pentanone

Concen: 0.069 ppbv

RT: 8.74 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

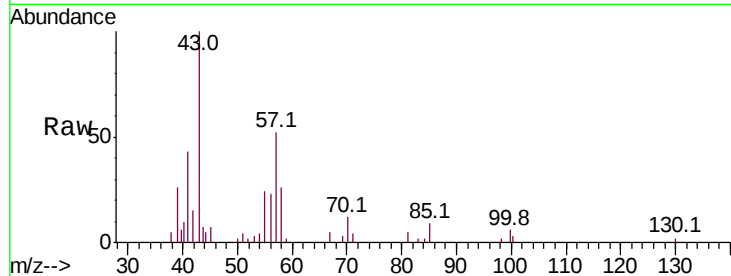
Acq: 23 Nov 2021 20:37

Tot Ion: 43 Resp: 11303

Ion Ratio Lower Upper

43 100

58 73.6 29.4 44.2#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

8.74

10000

8000

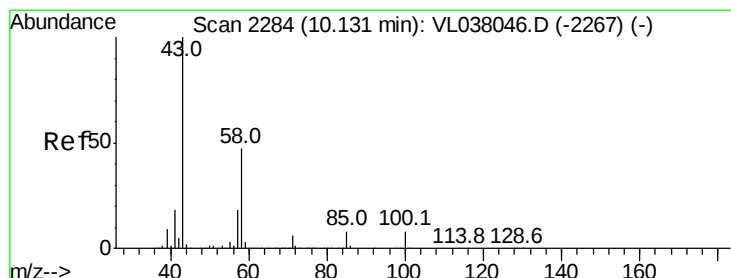
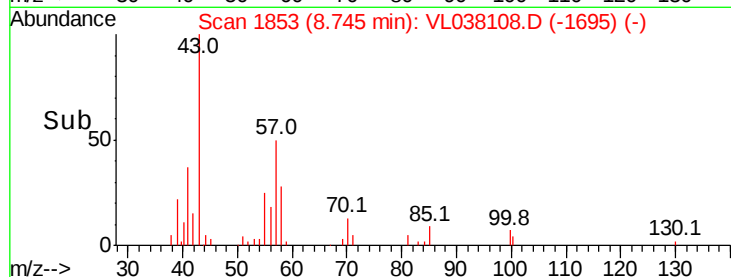
6000

4000

2000

0

Time--> 8.70 8.72 8.74 8.76



#51

2-Hexanone

Concen: 0.131 ppbv

RT: 10.04 min Scan# 2256

Delta R.T. -0.09 min

Lab File: VL038108.D

Acq: 23 Nov 2021 20:37

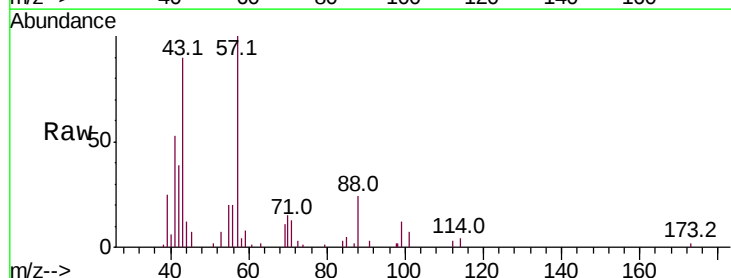
Tgt Ion: 43 Resp: 10107

Ion Ratio Lower Upper

43 100

58 18.3 41.1 61.7#

98 17.4 0.1 0.1#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 98.20 (97.90 to 98.90): VL0

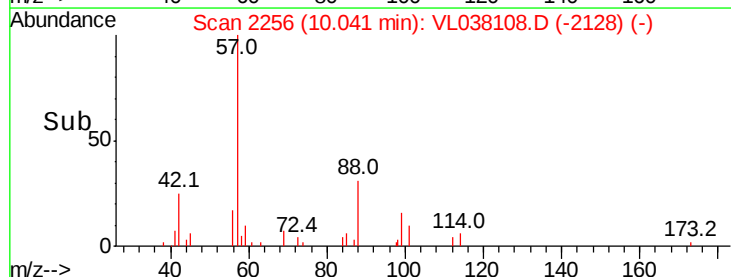
15000

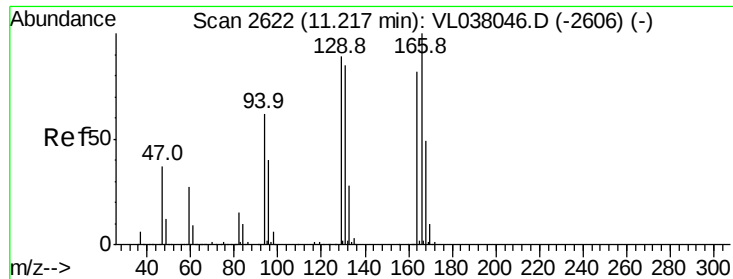
10000

5000

0

Time--> 10.05





#52

Tetrachloroethene

Concen: 0.404 ppbv

RT: 11.21

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Nov 2021 20:37

Tot Ion:164 Resp: 40080

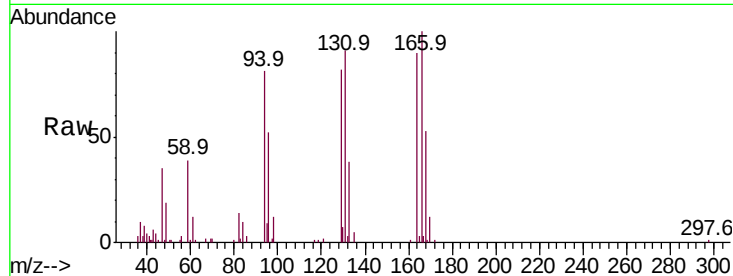
Ion Ratio Lower Upper

164 100

166 111.6 97.2 145.8

129 91.9 86.9 130.3

131 101.7 82.8 124.2

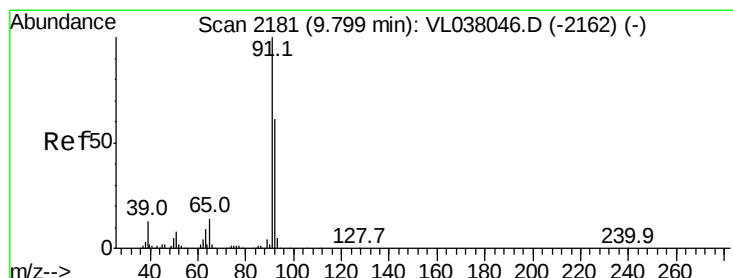
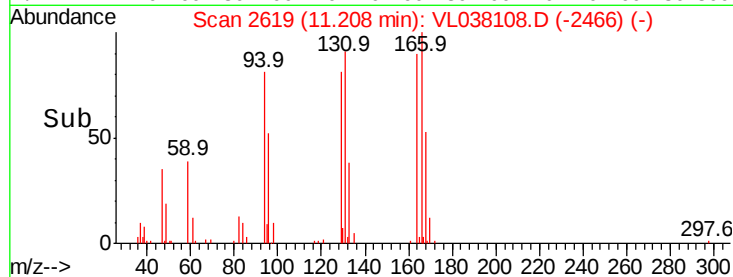
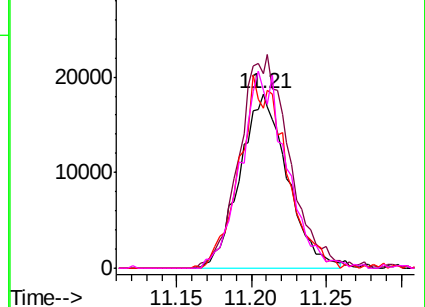


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.621 ppbv

RT: 9.79 min Scan# 2179

Delta R.T. -0.01 min

Lab File: VL038108.D

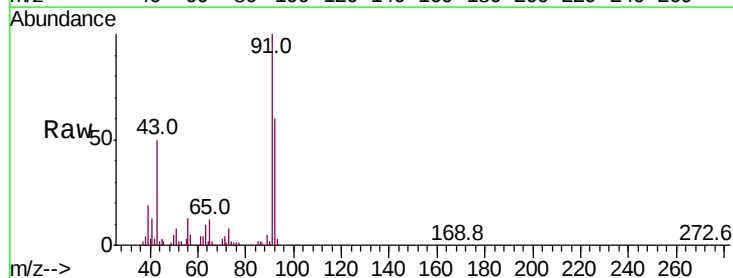
Acq: 23 Nov 2021 20:37

Tgt Ion: 91 Resp: 500116

Ion Ratio Lower Upper

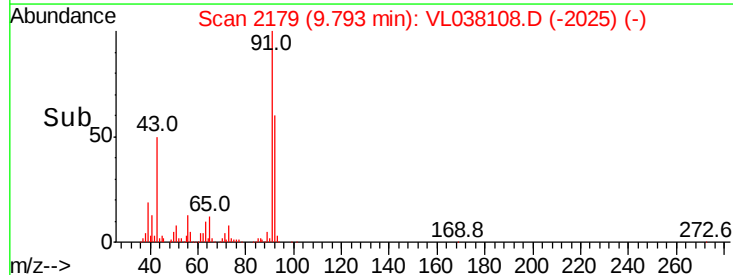
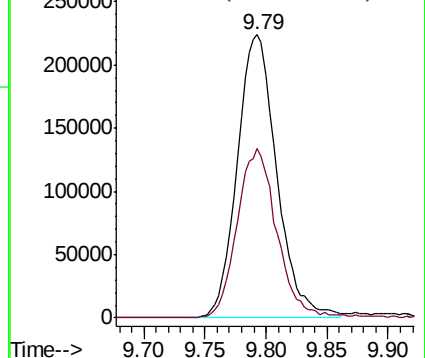
91 100

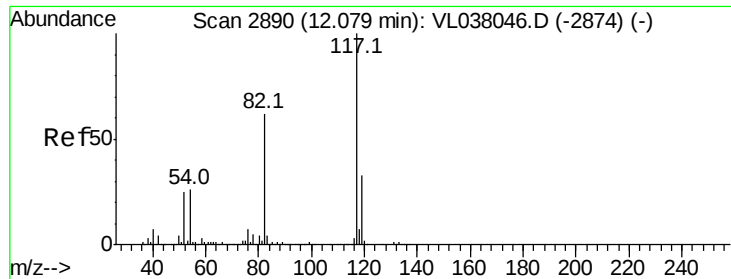
92 60.7 49.7 74.5



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

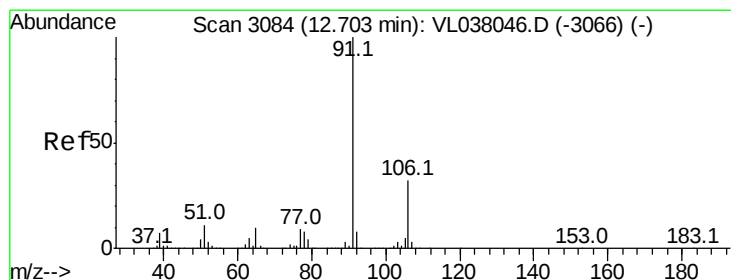
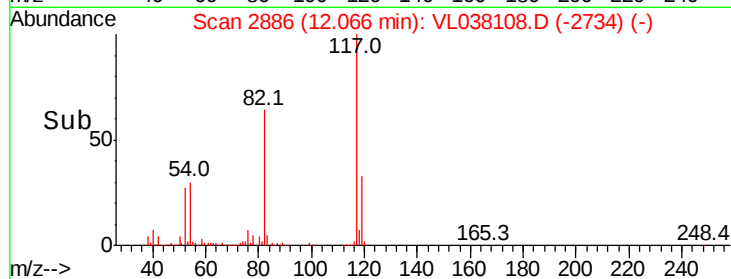
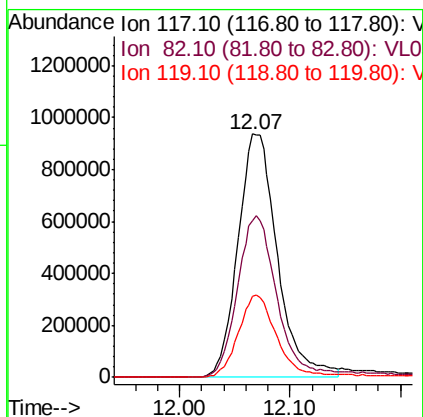
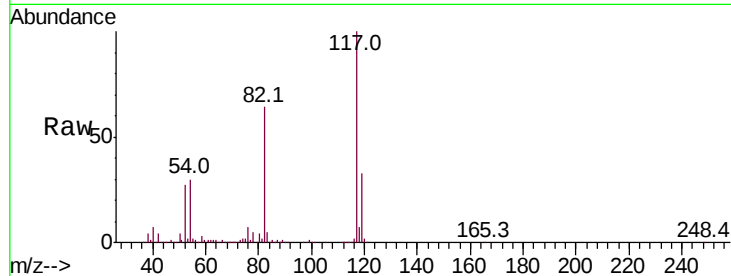




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 23 Nov 2021 20:37

Tot Ion:117 Resp: 2325078

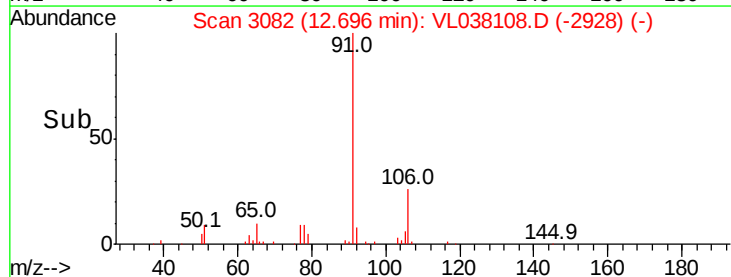
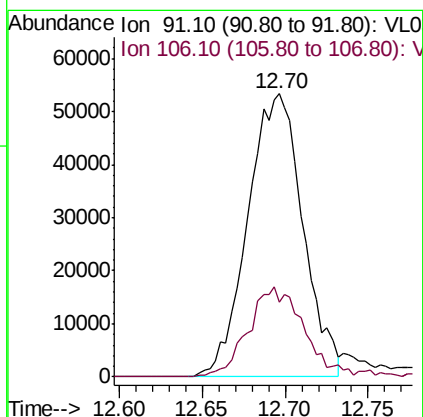
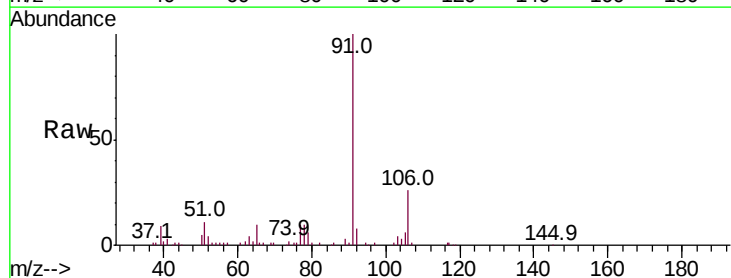
Ion	Ratio	Lower	Upper
117	100		
82	70.8	52.8	79.2
119	33.6	26.8	40.2

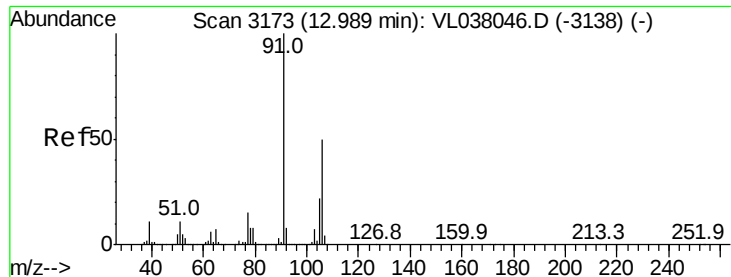


#58
Ethyl Benzene
Concen: 0.322 ppbv
RT: 12.70 min Scan# 3082
Delta R.T.: -0.01 min
Lab File: VL038108.D
Acq: 23 Nov 2021 20:37

Tgt Ion: 91 Resp: 123611

Ion	Ratio	Lower	Upper
91	100		
106	26.2	25.8	38.6





#59

m/p-Xylene

Concen: 0.678 ppbv

RT: 12.95

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

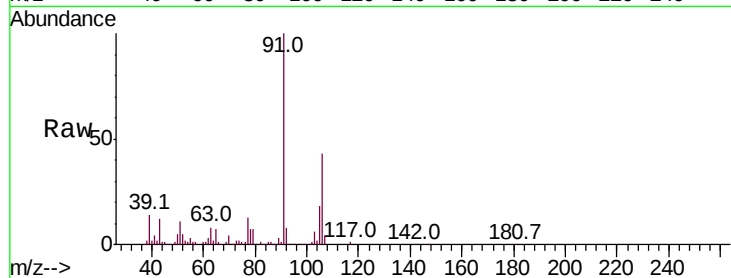
Acq: 23 Nov 2021 20:37

Tot Ion: 91 Resp: 219391

Ion Ratio Lower Upper

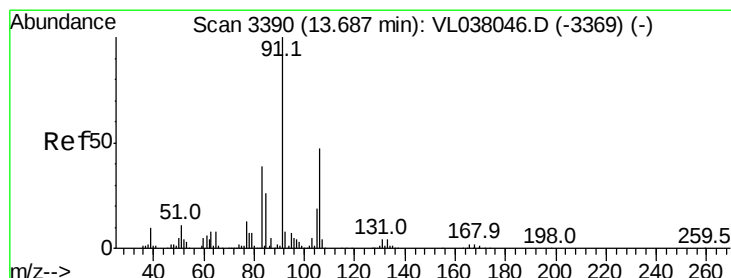
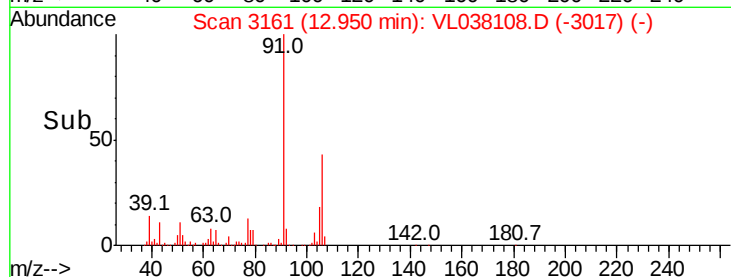
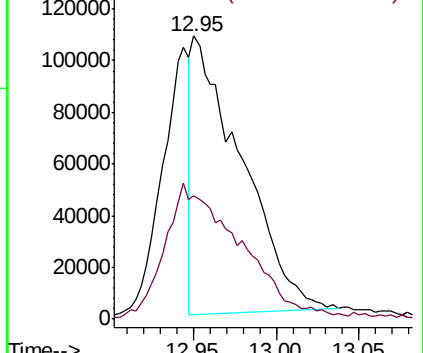
91 100

106 0.0 38.1 57.1#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#60

o-Xylene

Concen: 0.435 ppbv

RT: 13.67 min Scan# 3386

Delta R.T. -0.01 min

Lab File: VL038108.D

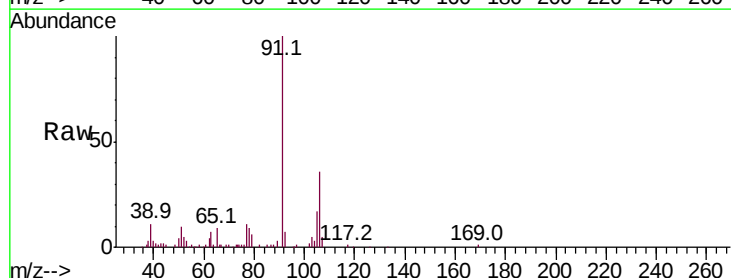
Acq: 23 Nov 2021 20:37

Tgt Ion: 91 Resp: 130481

Ion Ratio Lower Upper

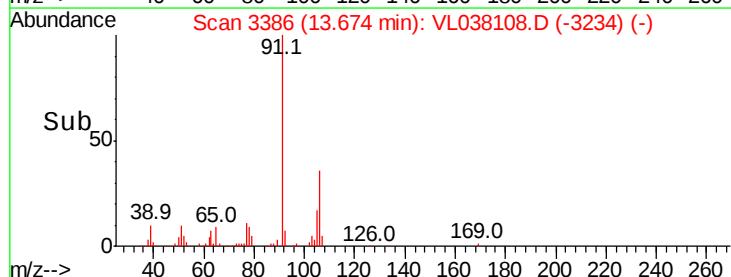
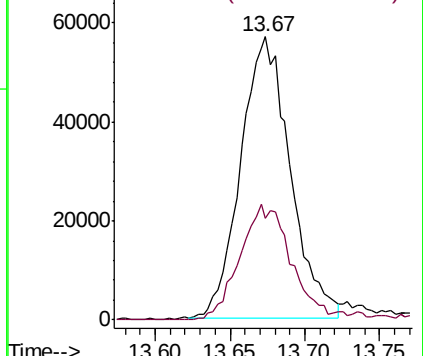
91 100

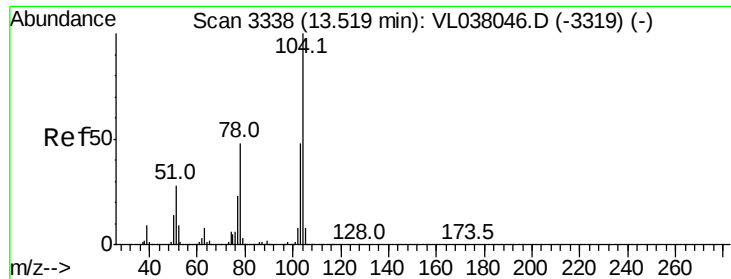
106 44.1 24.2 72.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#61

Stvrene

Concen: 0.102 ppbv

RT: 13.51

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Nov 2021 20:37

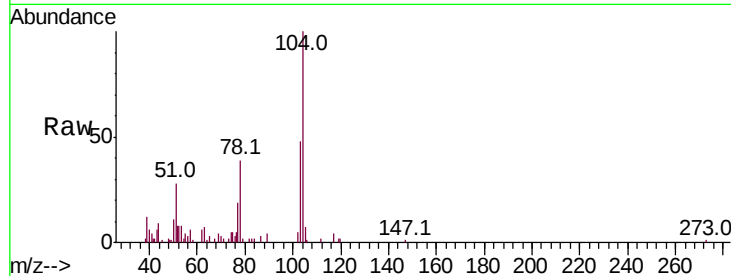
Tot Ion:104 Resp: 16356

Ion Ratio Lower Upper

104 100

78 0.0 39.8 59.6#

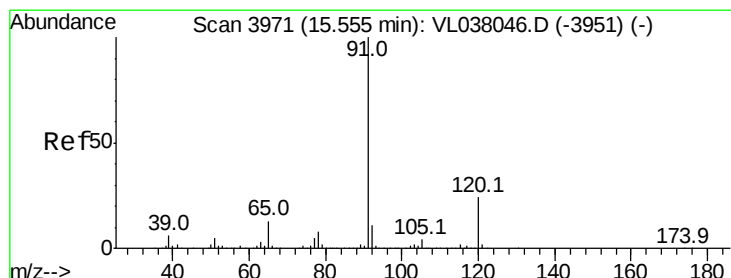
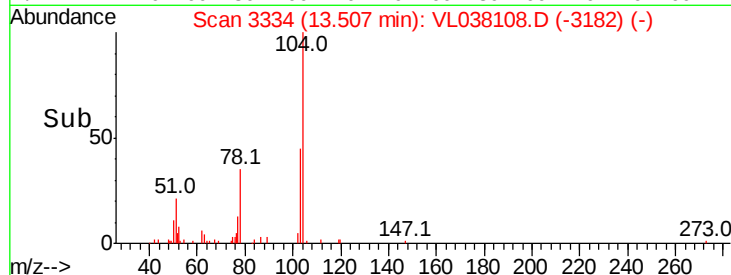
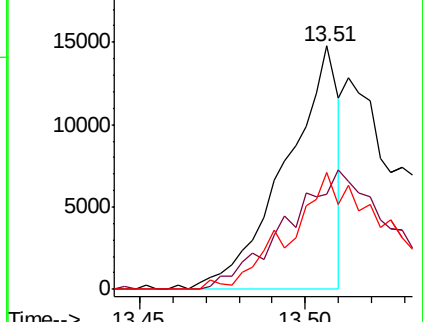
103 92.9 38.2 57.2#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#64

n-propylbenzene

Concen: 0.036 ppbv

RT: 15.54 min Scan# 3967

Delta R.T. -0.01 min

Lab File: VL038108.D

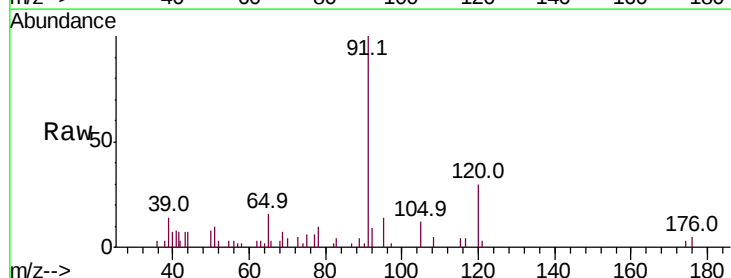
Acq: 23 Nov 2021 20:37

Tgt Ion:120 Resp: 3893

Ion Ratio Lower Upper

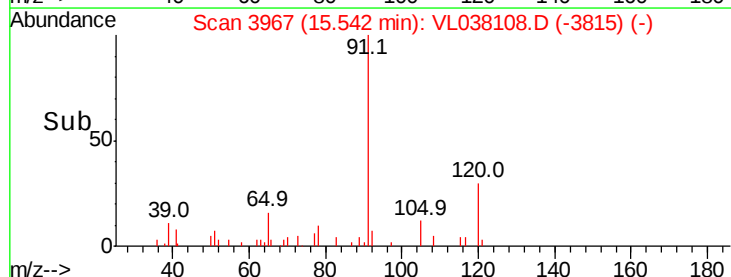
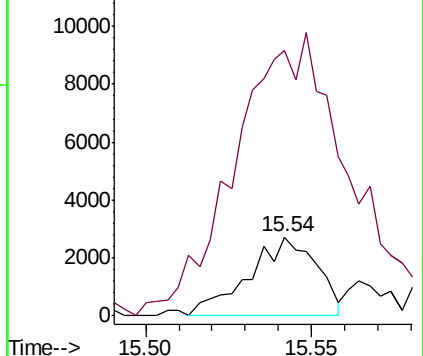
120 100

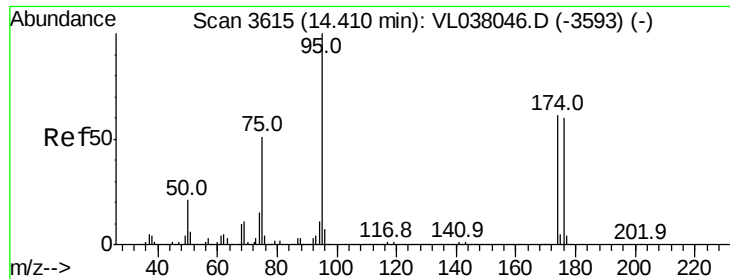
91 635.7 371.7 557.5#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0





#68

1-Bromo-4-Fluorobenzene

Concen: 11.228 ppbv

RT: 14.40

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Nov 2021 20:37

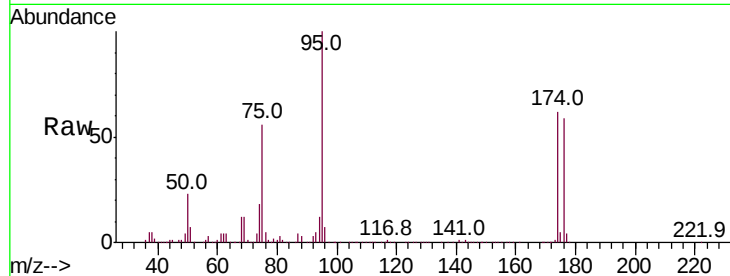
Tot Ion: 95 Resp: 1883000

Ion Ratio Lower Upper

95 100

174 61.3 53.1 79.7

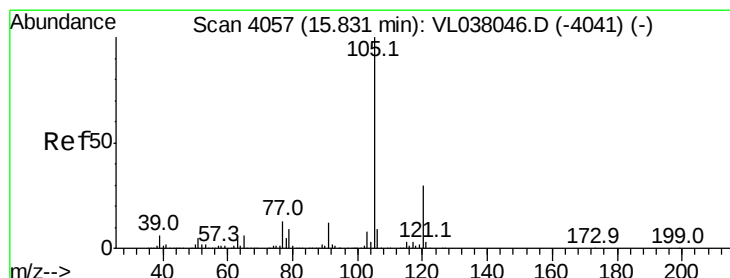
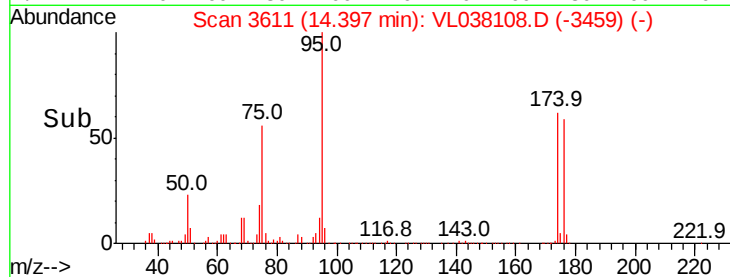
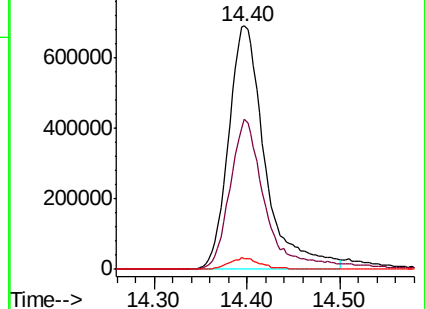
175 4.4 4.0 6.0



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



#72

4-Ethyltoluene

Concen: 0.049 ppbv

RT: 15.82 min Scan# 4054

Delta R.T. -0.01 min

Lab File: VL038108.D

Acq: 23 Nov 2021 20:37

Tgt Ion:105 Resp: 16905

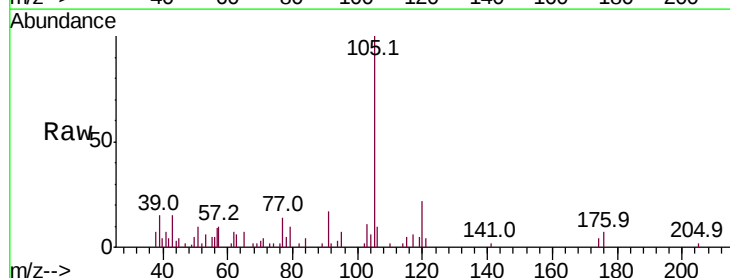
Ion Ratio Lower Upper

105 100

120 49.7 25.1 37.7#

91 30.9 9.7 14.5#

77 27.6 10.6 16.0#

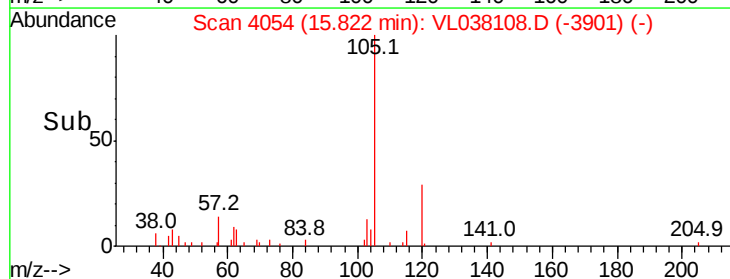
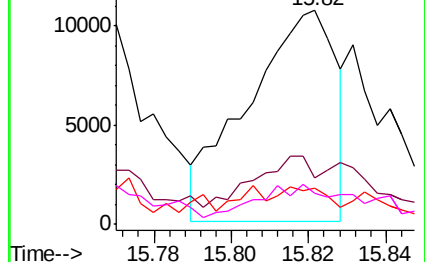


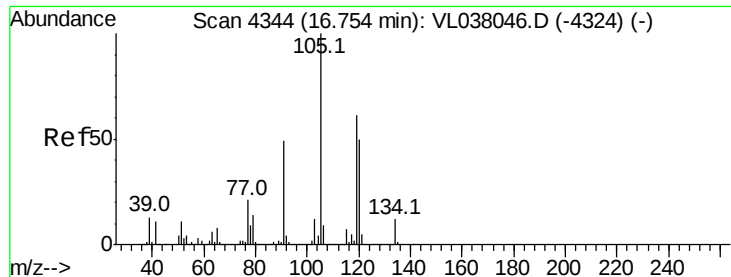
Abundance Ion 105.10 (104.80 to 105.80): V

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





#74
 1,2,4-Trimethylbenzene
 Concen: 0.206 ppbv
 RT: 16.74
 Delta R.T: MSVOA_1
 Lab File: ClientSampleId :
 Acq: 23 Nov 2021 20:57
 IA-EDIBLE-ARRANGEMENTS

Tot Ion:	105	Resp:	67298
Ion Ratio	Lower	Upper	
105	100		
120	42.2	40.1	60.1
91	13.1	39.8	59.8#
77	15.2	16.6	25.0#

