

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112321\
 Data File : VL038123.D
 Acq On : 24 Nov 2021 6:39
 Operator : SY/AP
 Sample : M4805-08 2X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-EDIBLE-ARRANGEMENTS

Quant Time: Nov 26 04:19:17 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	5.65	49	757759	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2431630	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	2111274	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1643211	10.79	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.90%

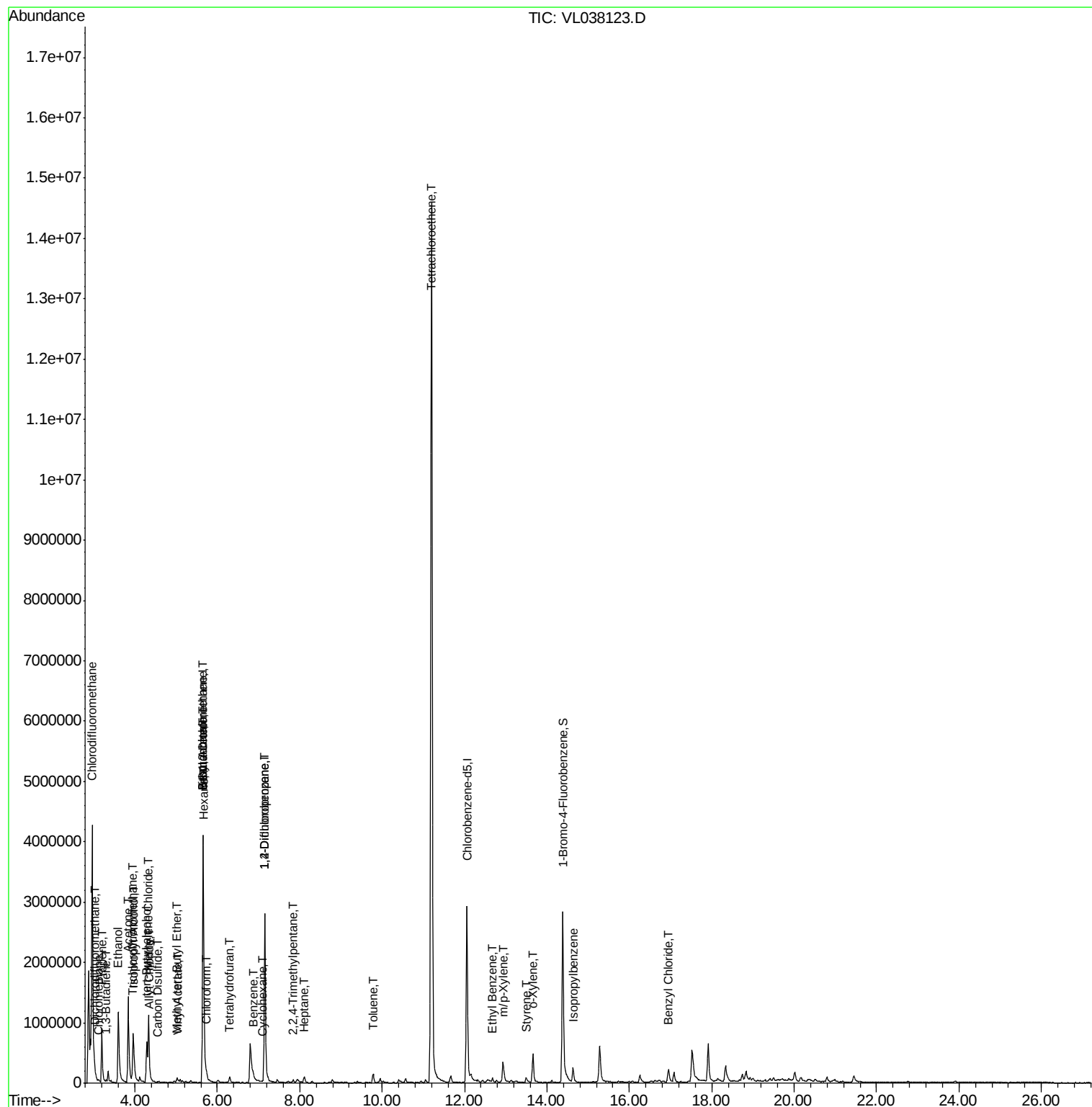
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	24158	0.193	ppbv	94
3) Chlorodifluoromethane	2.96	51	3680961	23.131	ppbv #	61
4) Chloromethane	3.13	50	5995	0.111	ppbv	97
9) Propene	3.20	41	282070	4.813	ppbv	89
10) Heptane	8.10	43	29727	0.205	ppbv	90
11) Trichlorofluoromethane	3.94	101	151170	1.270	ppbv	98
13) Ethanol	3.59	45	1620086	286.056	ppbv	90
15) Acetone	3.83	43	1830715	27.865	ppbv	97
16) 1,3-Butadiene	3.30	39	15016	0.293	ppbv #	24
17) tert-Butyl alcohol	4.29	59	811872	10.187	ppbv	100
19) Isopropyl Alcohol	3.96	45	1081886	22.791	ppbv #	99
20) Methylene Chloride	4.33	84	437518	11.889	ppbv	98
21) Allyl Chloride	4.36	41	2578	0.042	ppbv #	19
23) Vinyl Acetate	5.05	43	3100	0.033	ppbv #	44
25) Ethyl Acetate	5.65	43	3895923	17.842	ppbv #	91
26) Hexane	5.67	57	278679	2.648	ppbv #	1
27) Carbon Disulfide	4.54	76	3044	0.032	ppbv #	64
28) Methyl tert-Butyl Ether	5.02	73	54562	0.610	ppbv	100
29) Chloroform	5.74	83	65682	0.423	ppbv	96
30) Cyclohexane	7.10	84	3304	0.035	ppbv #	1
31) cis-1,2-Dichloroethene	5.65	61	491085	4.905	ppbv #	22
34) 2-Butanone	5.65	43	3731766	38.060	ppbv #	52
36) Benzene	6.87	78	39942	0.165	ppbv #	84
39) 1,2-Dichloropropane	7.15	63	606263	6.516	ppbv #	28
41) Tetrahydrofuran	6.29	42	4728	0.078	ppbv #	62
44) 2,2,4-Trimethylpentane	7.84	57	36051	0.089	ppbv #	80
52) Tetrachloroethene	11.20	164	4468555	49.789	ppbv	96
53) Toluene	9.78	91	42651	0.153	ppbv #	32
58) Ethyl Benzene	12.68	91	35701	0.102	ppbv	90
59) m/p-Xylene	12.94	91	311303	1.060	ppbv	98
60) o-Xylene	13.66	91	410243	1.505	ppbv	96
61) Styrene	13.50	104	52000	0.356	ppbv	92
62) Isopropylbenzene	14.64	105	226811	0.586	ppbv	96
66) Benzyl Chloride	16.95	91	903	0.052	ppbv #	63

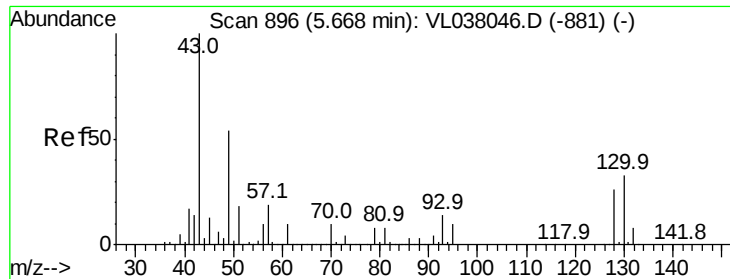
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Nov 2021 0:39 SG-EDIBLE-ARRANGEMENTS

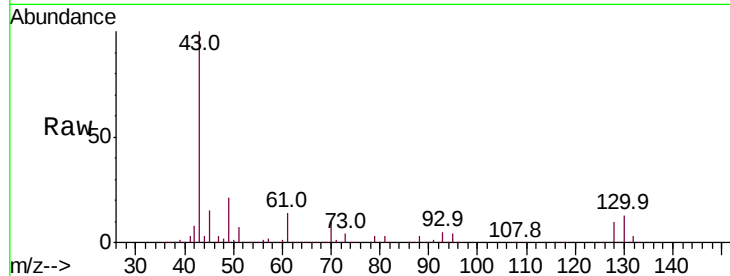
Tot Ion: 49 Resp: 757759

Ion Ratio Lower Upper

49 100

128 49.8 26.5 79.5

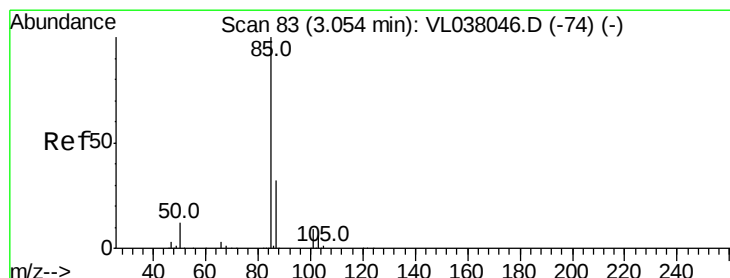
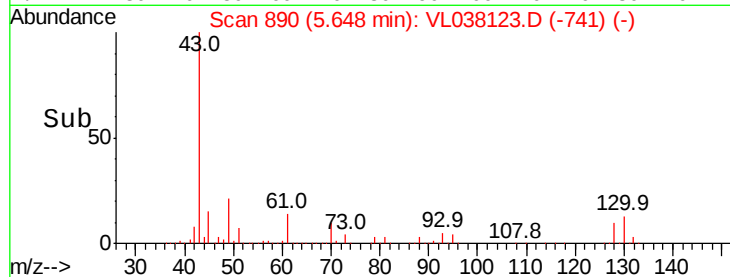
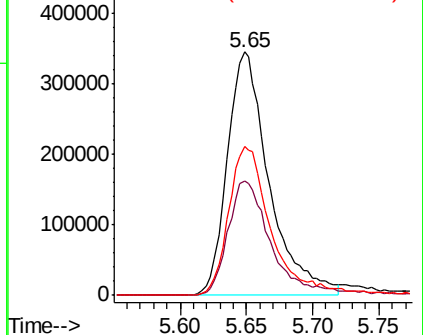
130 64.0 32.5 97.4



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: 0.193 ppbv

RT: 3.04 min Scan# 79

Delta R.T. -0.01 min

Lab File: VL038123.D

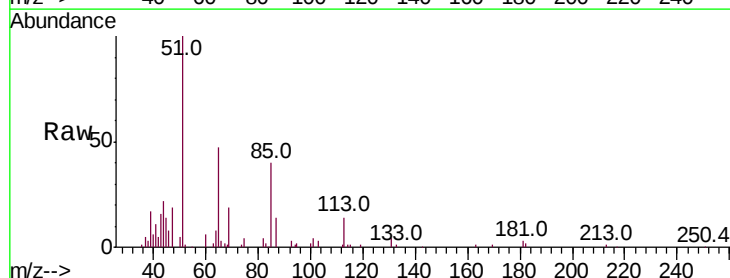
Acq: 24 Nov 2021 6:39

Tgt Ion: 85 Resp: 24158

Ion Ratio Lower Upper

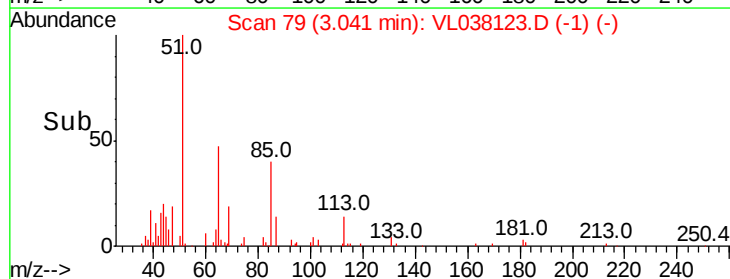
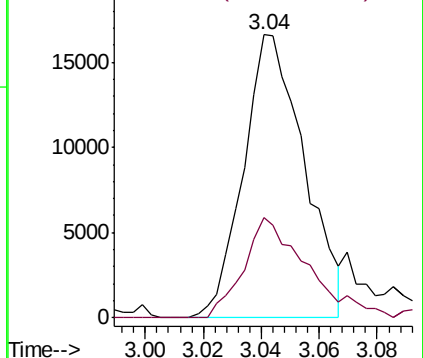
85 100

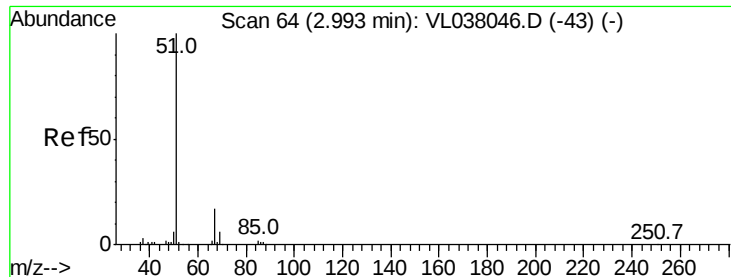
87 35.5 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 23.131 ppbv

RT: 2.96 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

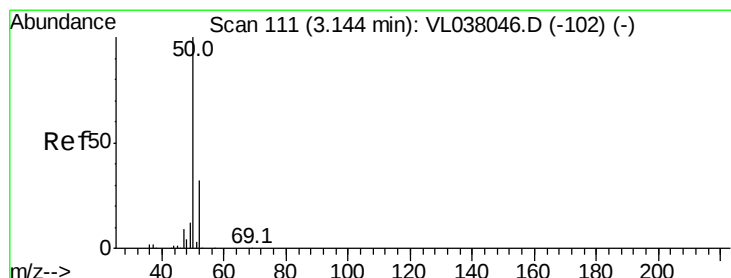
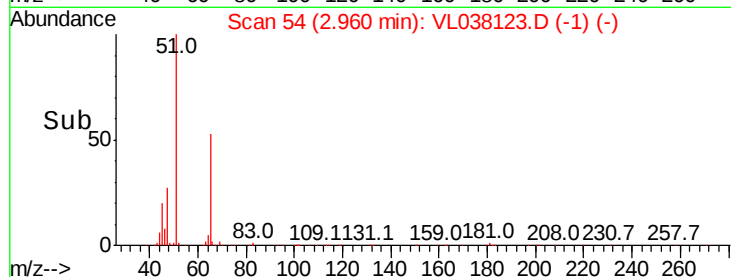
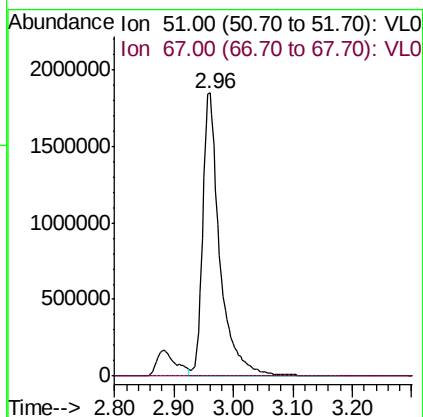
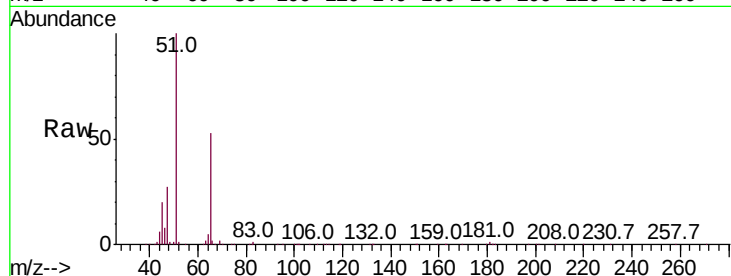
Acq: 24 Nov 2021 0:39 SG-EDIBLE-ARRANGEMENTS

Tot Ion: 51 Resp: 3680961

Ion Ratio Lower Upper

51 100

67 0.3 13.8 20.8#



#4

Chloromethane

Concen: 0.111 ppbv

RT: 3.13 min Scan# 107

Delta R.T. -0.01 min

Lab File: VL038123.D

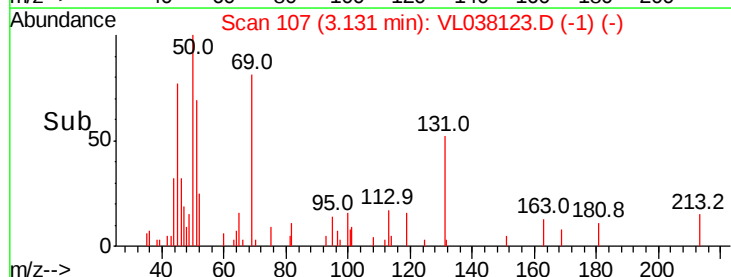
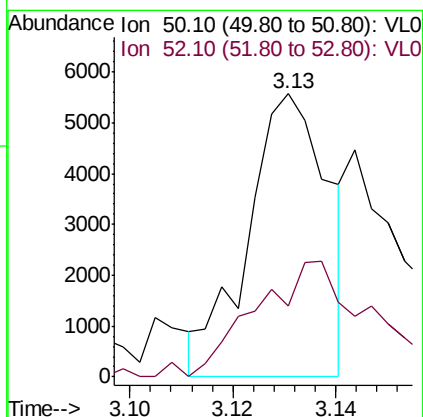
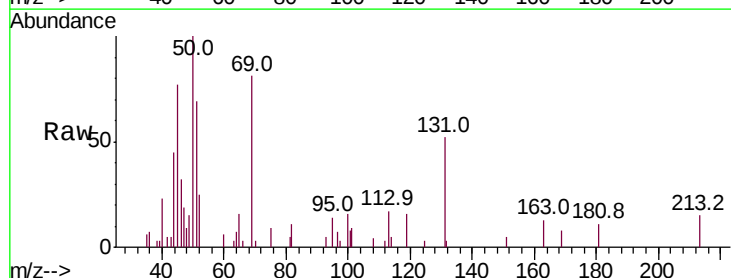
Acq: 24 Nov 2021 6:39

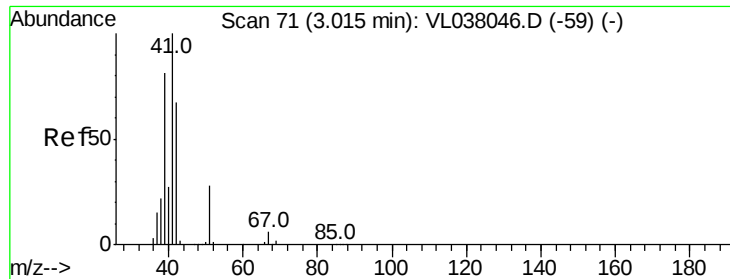
Tgt Ion: 50 Resp: 5995

Ion Ratio Lower Upper

50 100

52 29.8 25.4 38.0





#9

Propene

Concen: 4.813 ppbv

RT: 3.20 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

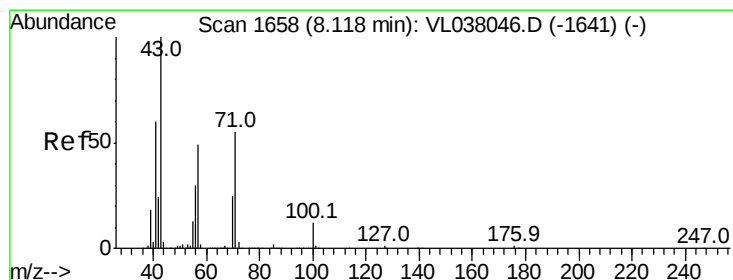
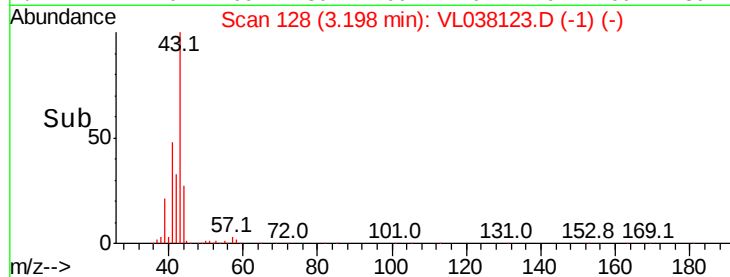
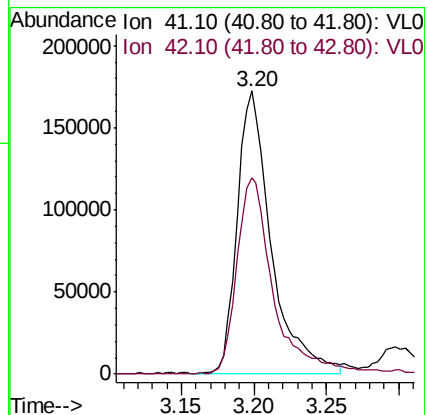
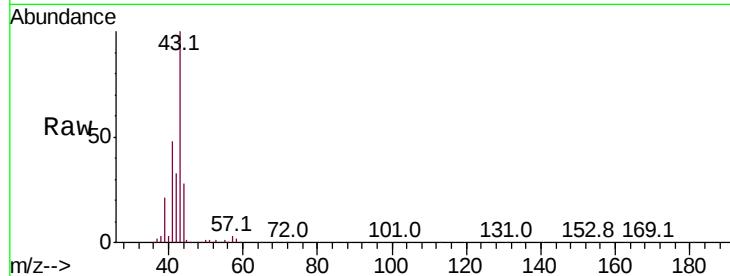
Acq: 24 Nov 2021 0:39 SG-EDIBLE-ARRANGEMENTS

Tot Ion: 41 Resp: 282070

Ion Ratio Lower Upper

41 100

42 75.9 53.8 80.8



#10

Heptane

Concen: 0.205 ppbv

RT: 8.10 min Scan# 1652

Delta R.T. -0.02 min

Lab File: VL038123.D

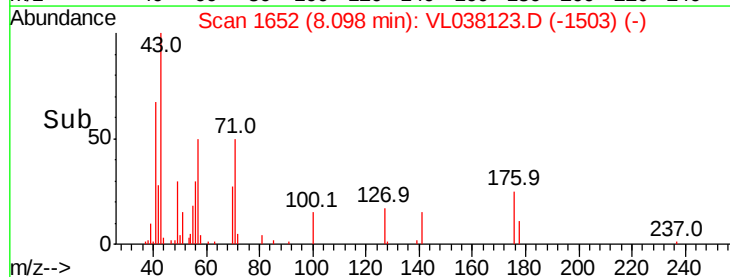
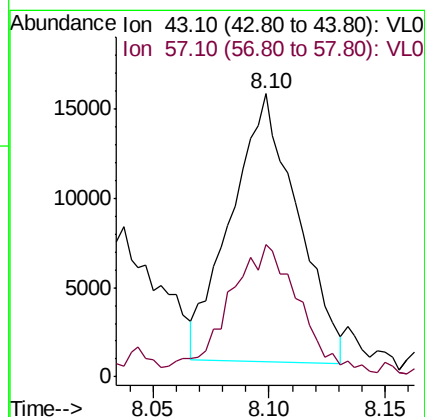
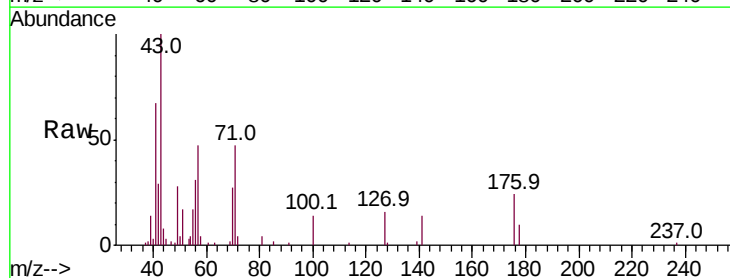
Acq: 24 Nov 2021 6:39

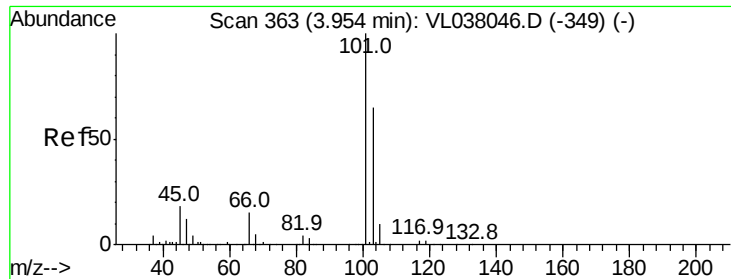
Tgt Ion: 43 Resp: 29727

Ion Ratio Lower Upper

43 100

57 57.5 40.4 60.6





#11

Trichlorofluoromethane

Concen: 1.270 ppbv

RT: 3.94 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

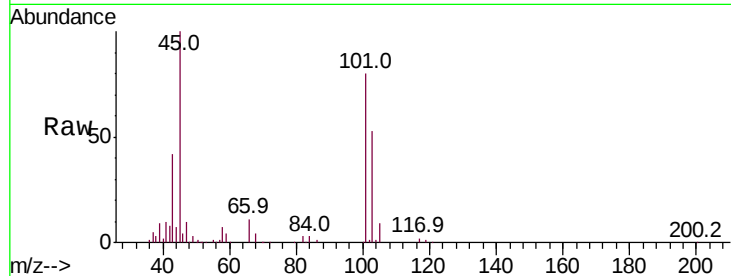
Acq: 24 Nov 2021 0:39 SG-EDIBLE-ARRANGEMENTS

Tot Ion:101 Resp: 151170

Ion Ratio Lower Upper

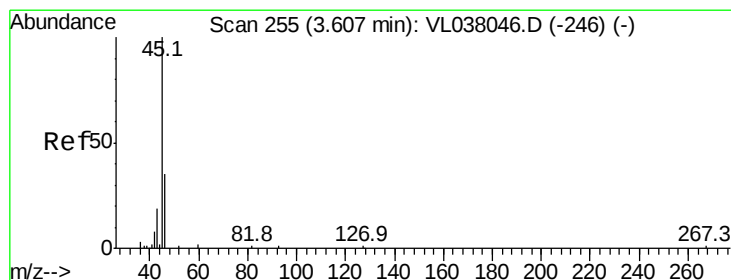
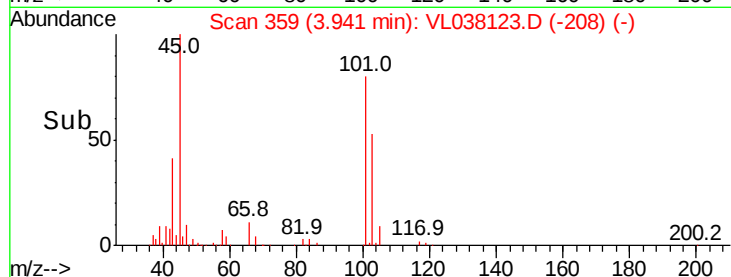
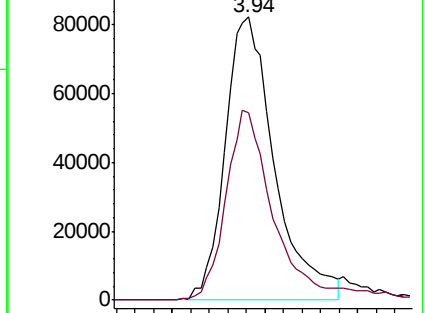
101 100

103 66.1 51.8 77.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Ethanol

Concen: 286.056 ppbv

RT: 3.59 min Scan# 251

Delta R.T. -0.01 min

Lab File: VL038123.D

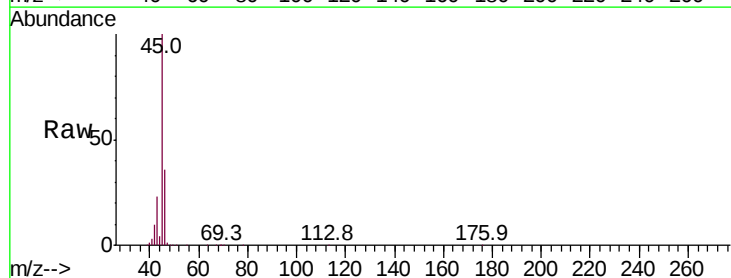
Acq: 24 Nov 2021 6:39

Tgt Ion: 45 Resp: 1620086

Ion Ratio Lower Upper

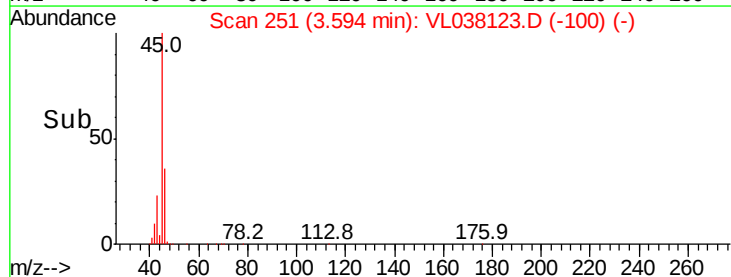
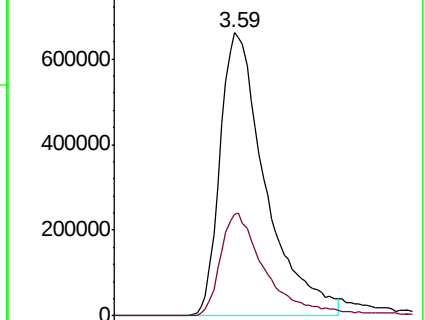
45 100

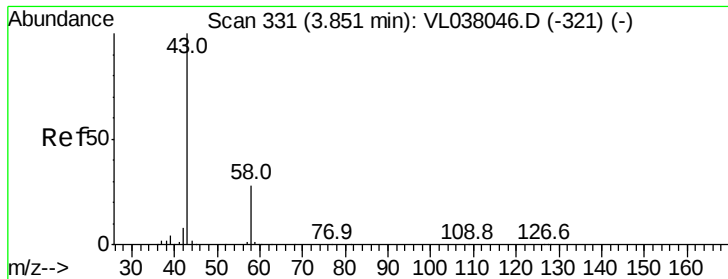
46 37.4 17.6 70.2



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 27.865 ppbv

RT: 3.83

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

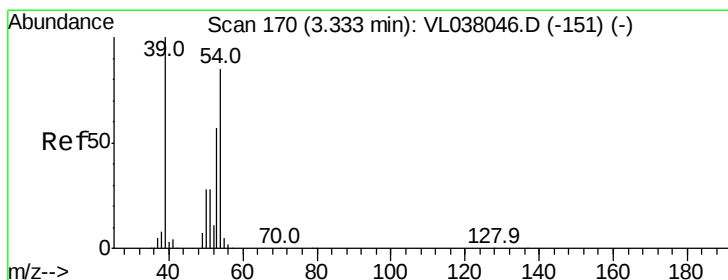
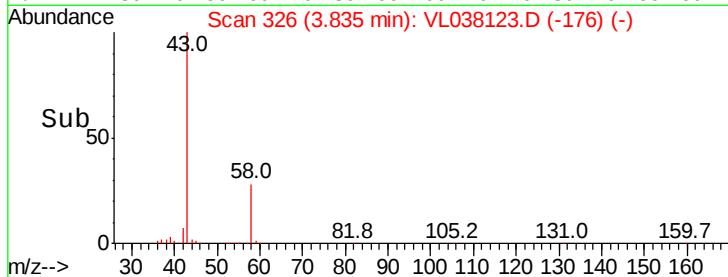
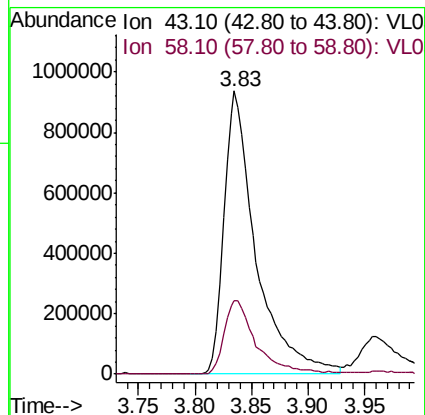
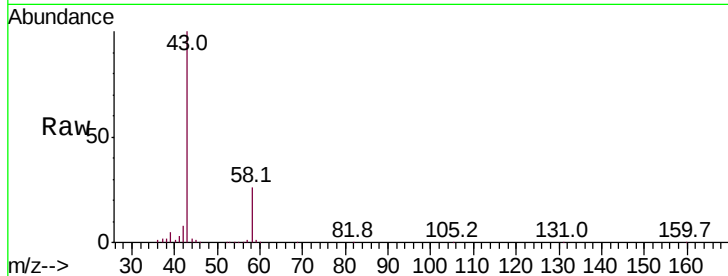
Acq: 24 Nov 2021 0:39

Tot Ion: 43 Resp: 1830715

Ion Ratio Lower Upper

43 100

58 26.6 22.4 33.6



#16

1,3-Butadiene

Concen: 0.293 ppbv

RT: 3.30 min Scan# 159

Delta R.T. -0.04 min

Lab File: VL038123.D

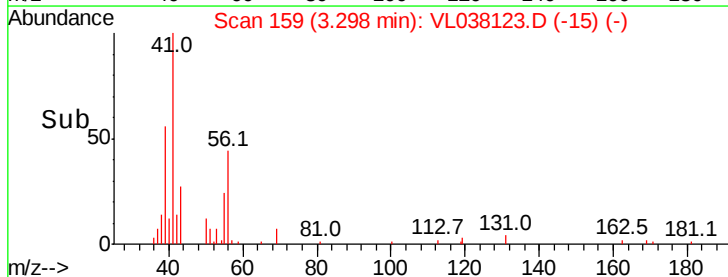
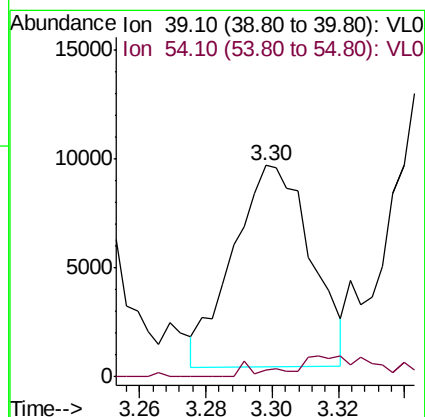
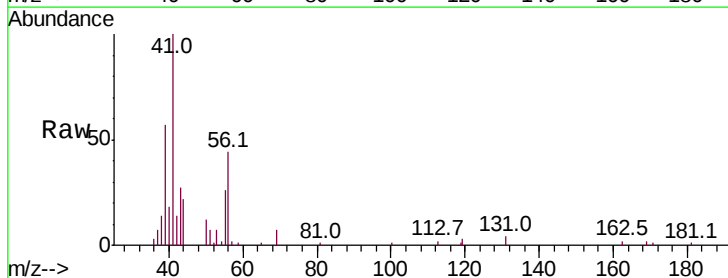
Acq: 24 Nov 2021 6:39

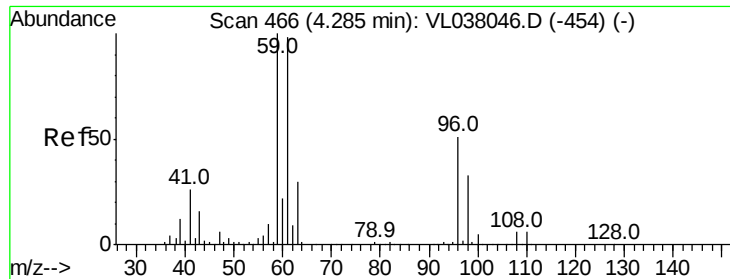
Tgt Ion: 39 Resp: 15016

Ion Ratio Lower Upper

39 100

54 13.1 64.4 96.6#





#17

tert-Butyl alcohol

Concen: 10.187 ppbv

RT: 4.29 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

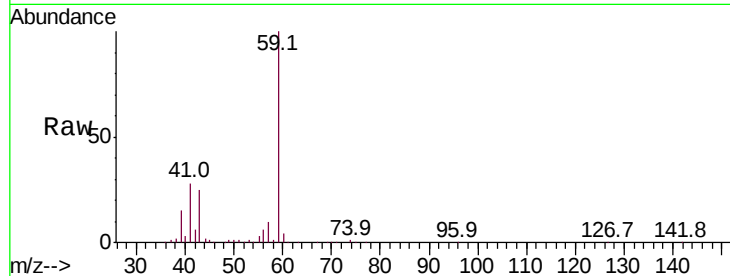
Acq: 24 Nov 2021 6:39 SG-EDIBLE-ARRANGEMENTS

Tot Ion: 59 Resp: 811872

Ion Ratio Lower Upper

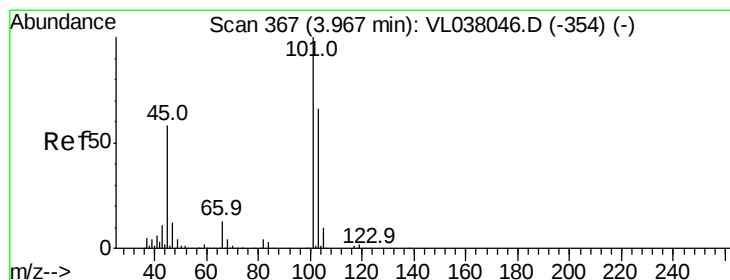
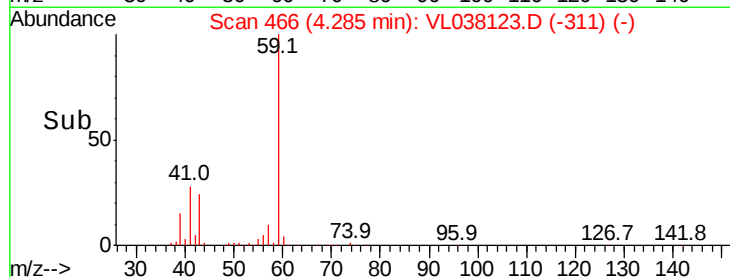
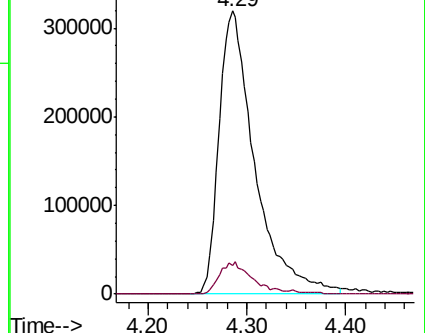
59 100

57 10.9 8.6 13.0



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#19

Isopropyl Alcohol

Concen: 22.791 ppbv

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VL038123.D

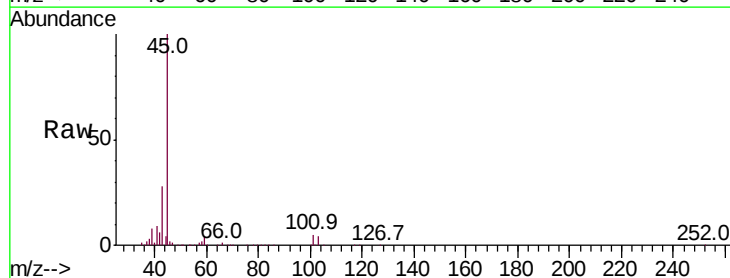
Acq: 24 Nov 2021 6:39

Tgt Ion: 45 Resp: 1081886

Ion Ratio Lower Upper

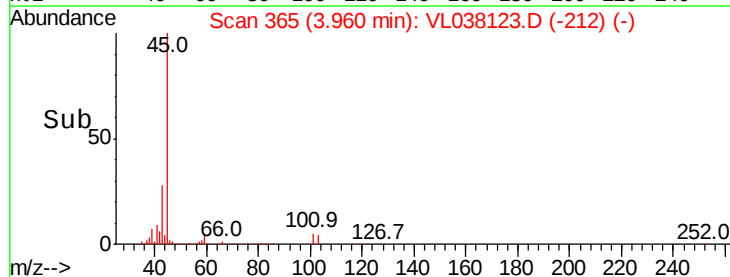
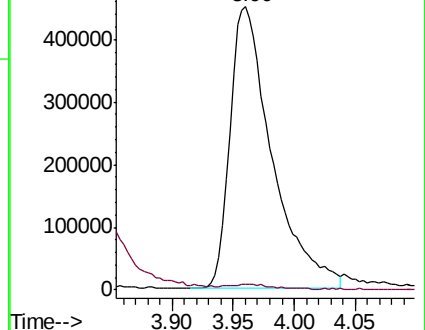
45 100

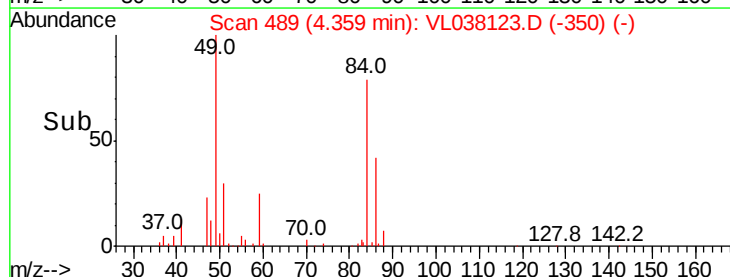
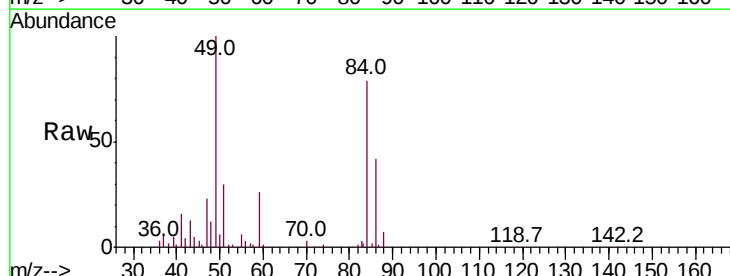
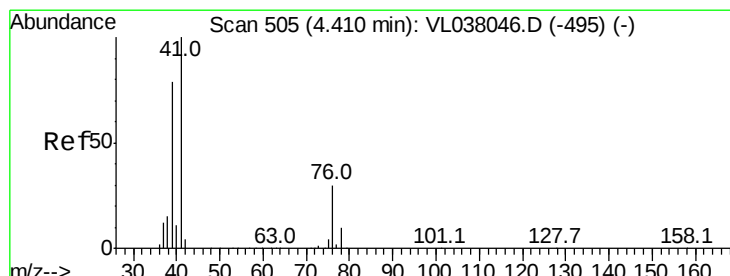
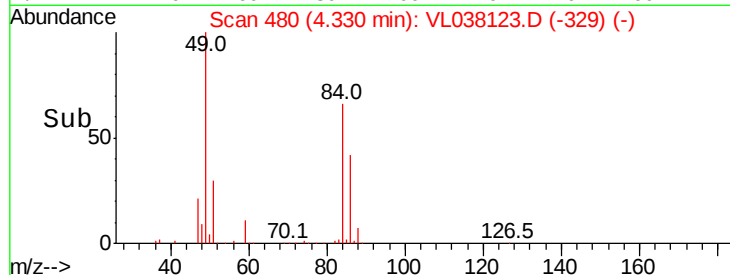
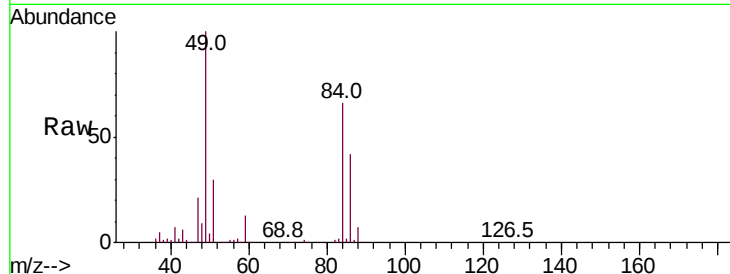
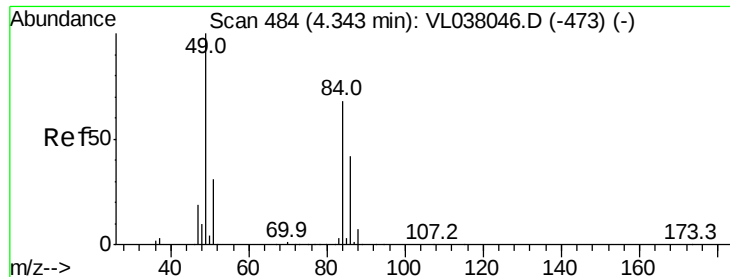
58 2.1 1.4 2.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#20

Methylene Chloride

Concen: 11.889 ppbv

RT: 4.33

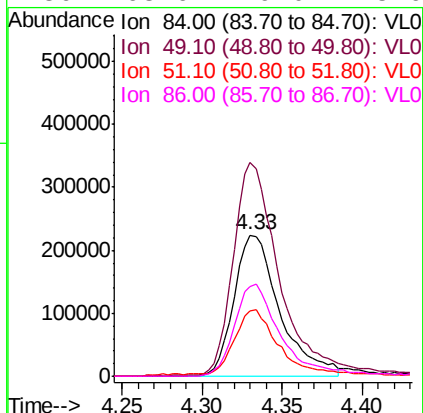
Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 24 Nov 2021 0:39

Tot Ion: 84 Resp: 437518

Ion	Ratio	Lower	Upper
84	100		
49	150.4	118.2	177.2
51	44.3	36.8	55.2
86	63.6	49.0	73.6



#21

Allyl Chloride

Concen: 0.042 ppbv

RT: 4.36 min Scan# 489

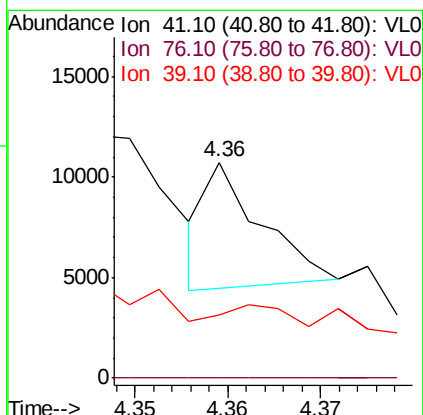
Delta R.T. -0.05 min

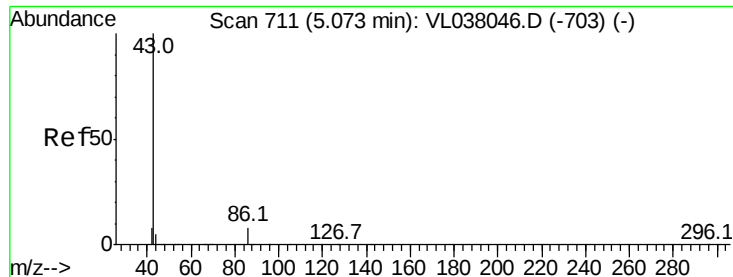
Lab File: VL038123.D

Acq: 24 Nov 2021 6:39

Tgt Ion: 41 Resp: 2578

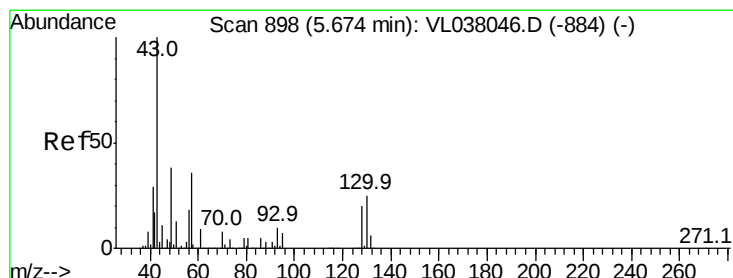
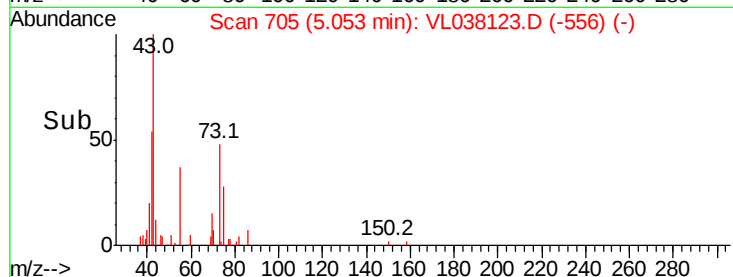
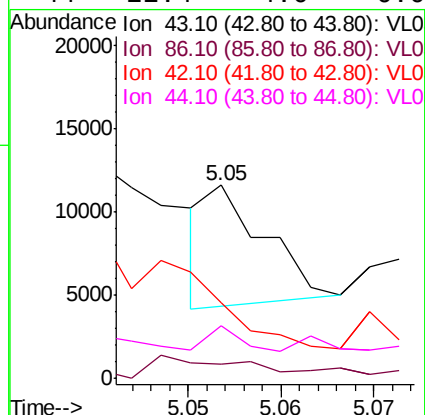
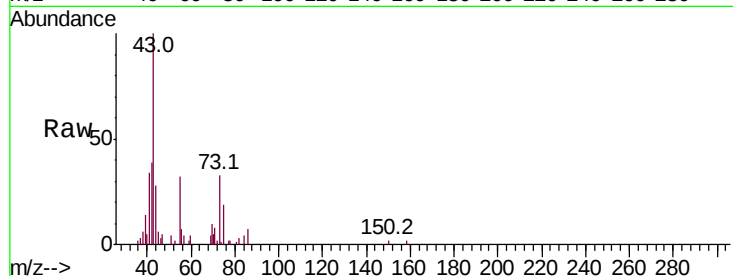
Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.6	36.8#
39	0.0	63.4	95.0#





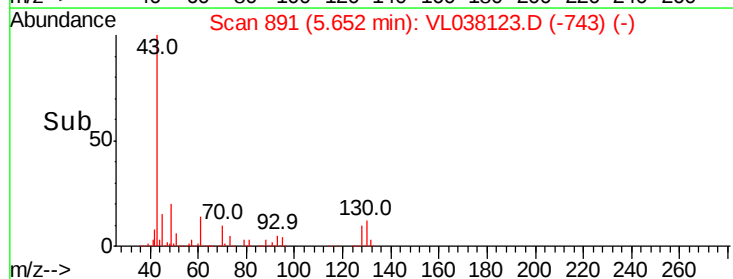
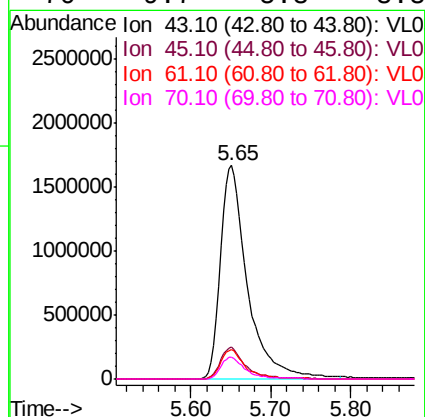
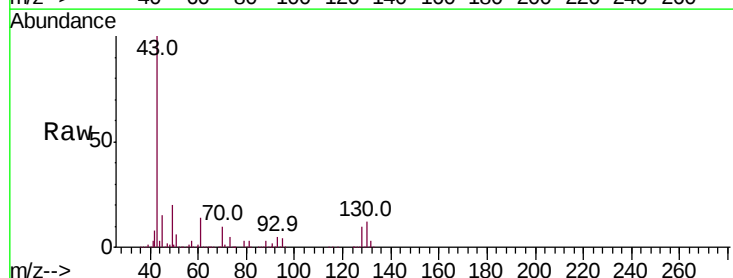
#23
 Vinyl Acetate
 Concen: 0.033 ppbv
 RT: 5.05
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 24 Nov 2021 8:39

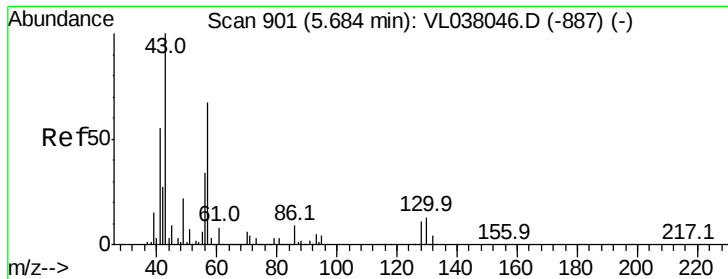
Tot Ion:	43	Resp:	3100
Ion	Ratio	Lower	Upper
43	100		
86	3.4	5.3	7.9#
42	42.5	7.0	10.6#
44	22.4	4.0	6.0#



#25
 Ethyl Acetate
 Concen: 17.842 ppbv
 RT: 5.65 min Scan# 891
 Delta R.T. -0.02 min
 Lab File: VL038123.D
 Acq: 24 Nov 2021 6:39

Tgt Ion:	43	Resp:	3895923
Ion	Ratio	Lower	Upper
43	100		
45	14.1	7.9	11.9#
61	13.1	7.8	11.6#
70	9.7	5.8	8.8#





#26

Hexane

Concen: 2.648 ppbv

RT: 5.67

Delta R.T. MSVOA_1

Lab File:

Acq: 24 Nov 2021 0:39

Instrument:

ClientSampleId:

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Tot Ion: 57 Resp: 278679

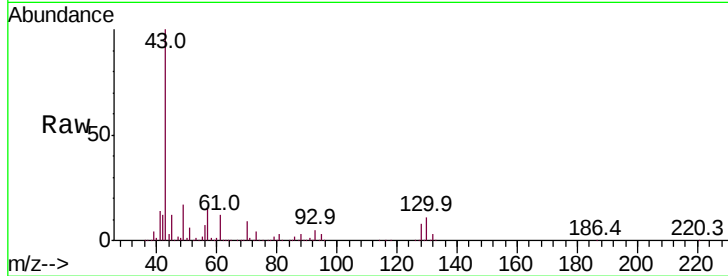
Ion Ratio Lower Upper

57 100

41 99.6 71.4 107.2

43 1421.8 174.6 261.8#

56 53.0 43.2 64.8

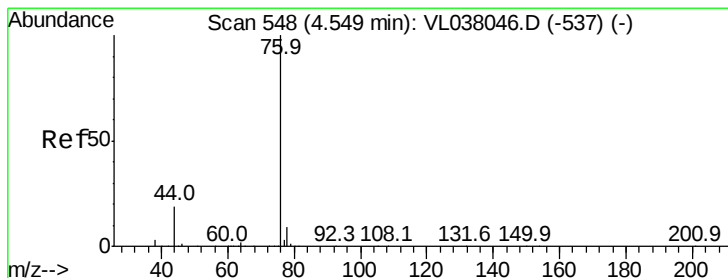
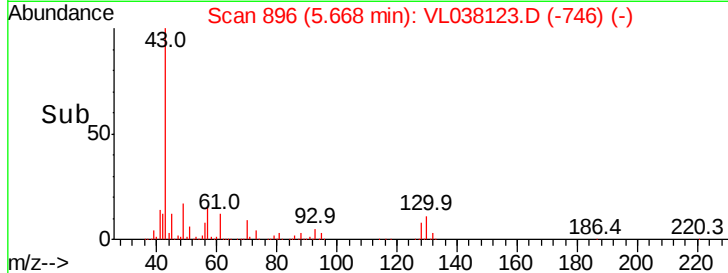
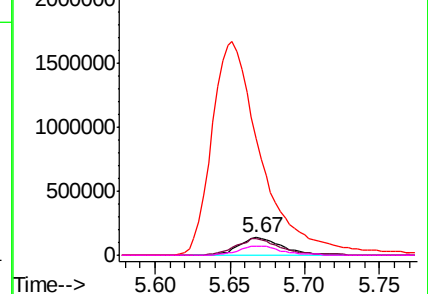


Abundance Ion 57.10 (56.80 to 57.80): VL0

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



#27

Carbon Disulfide

Concen: 0.032 ppbv

RT: 4.54 min Scan# 546

Delta R.T. -0.01 min

Lab File: VL038123.D

Acq: 24 Nov 2021 6:39

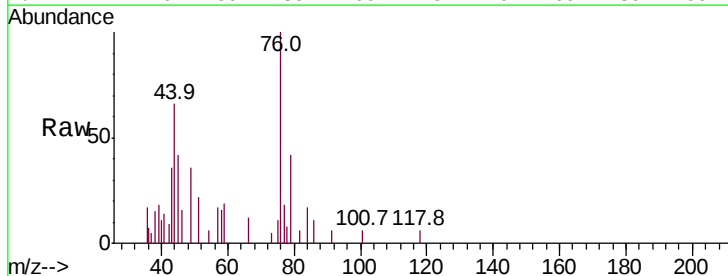
Tgt Ion: 76 Resp: 3044

Ion Ratio Lower Upper

76 100

44 0.0 14.9 22.3#

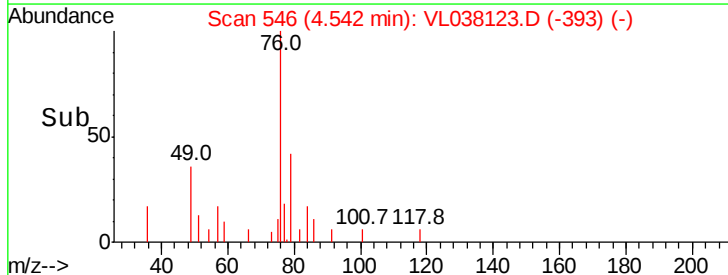
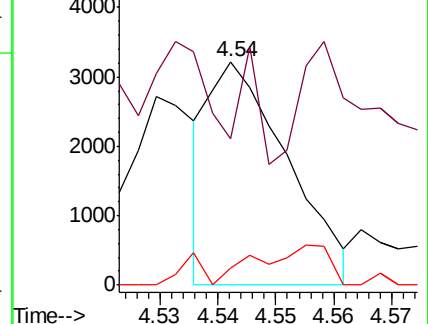
78 0.0 7.6 11.4#

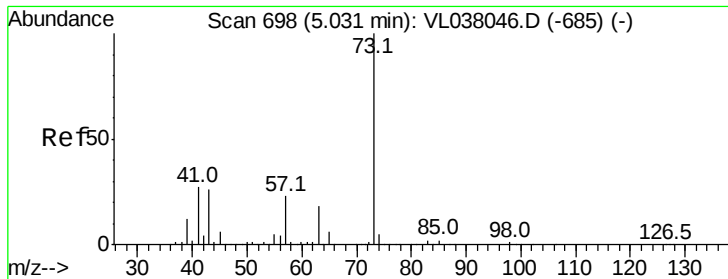


Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0





#28

Methyl tert-Butyl Ether

Concen: 0.610 ppbv

RT: 5.02 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

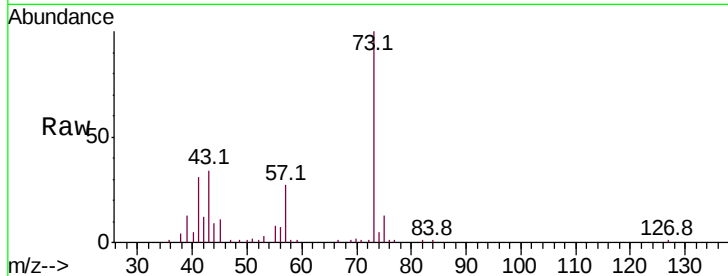
Acq: 24 Nov 2021 0:39 SG-EDIBLE-ARRANGEMENTS

Tot Ion: 73 Resp: 54562

Ion Ratio Lower Upper

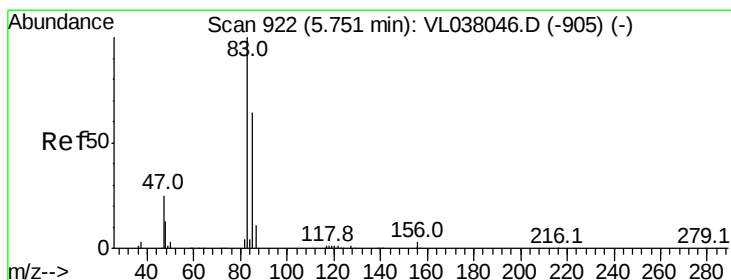
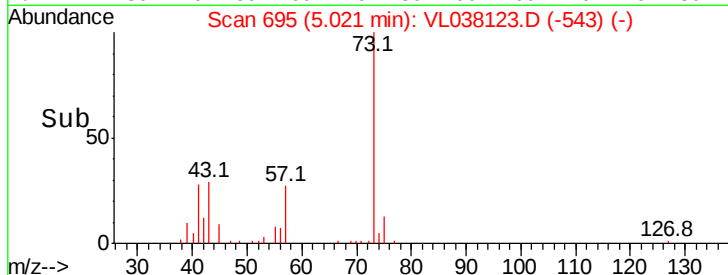
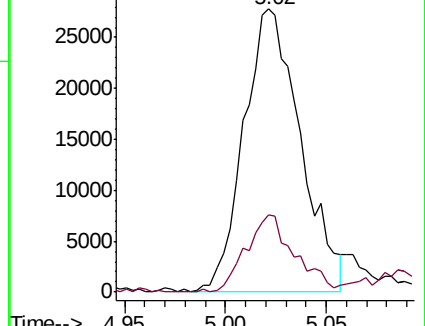
73 100

57 23.6 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: 0.423 ppbv

RT: 5.74 min Scan# 917

Delta R.T. -0.02 min

Lab File: VL038123.D

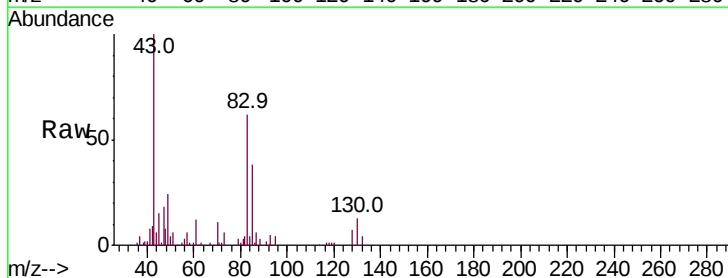
Acq: 24 Nov 2021 6:39

Tgt Ion: 83 Resp: 65682

Ion Ratio Lower Upper

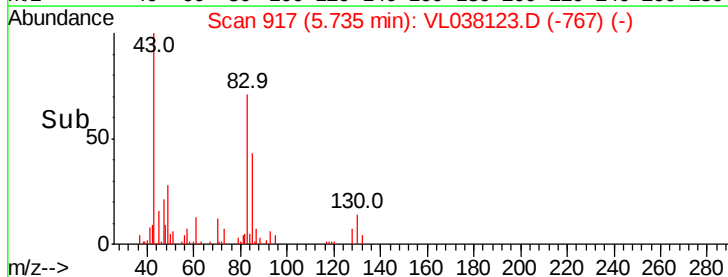
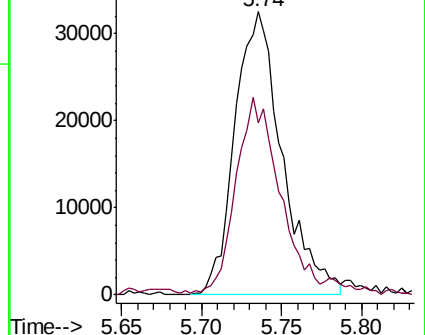
83 100

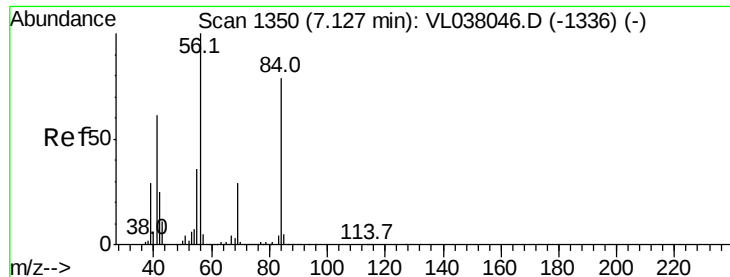
85 60.4 51.0 76.6



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0





#30

Cvclohexane

Concen: 0.035 ppbv

RT: 7.10 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Nov 2021 8:39 SG-EDIBLE-ARRANGEMENTS

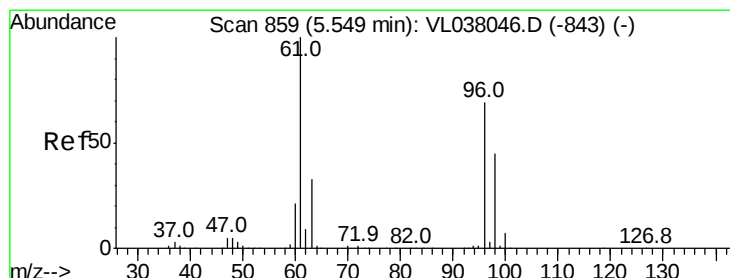
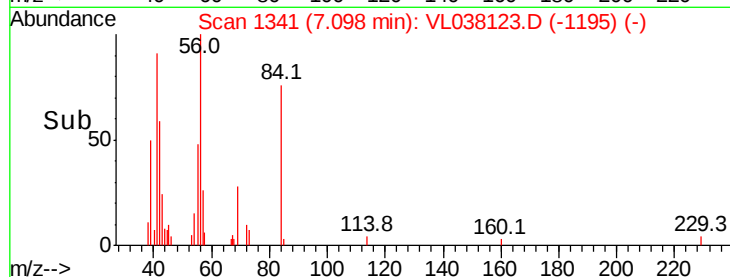
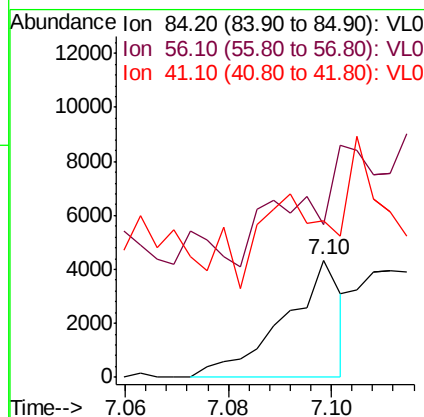
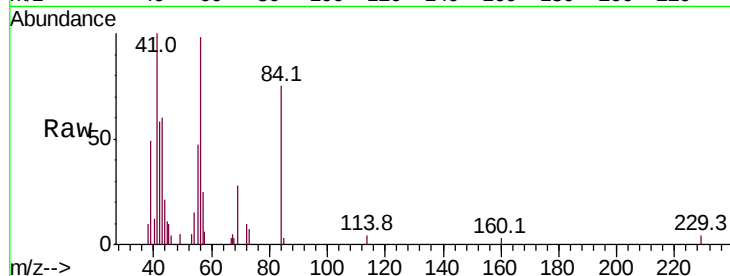
Tot Ion: 84 Resp: 3304

Ion Ratio Lower Upper

84 100

56 0.0 108.1 162.1#

41 0.0 64.4 96.6#



#31

cis-1,2-Dichloroethene

Concen: 4.905 ppbv

RT: 5.65 min Scan# 891

Delta R.T. 0.10 min

Lab File: VL038123.D

Acq: 24 Nov 2021 6:39

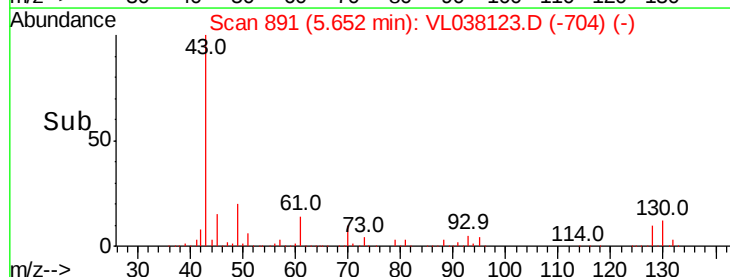
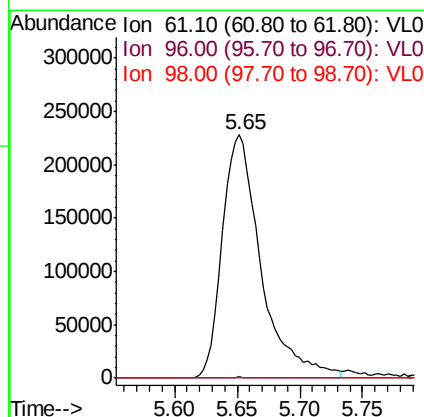
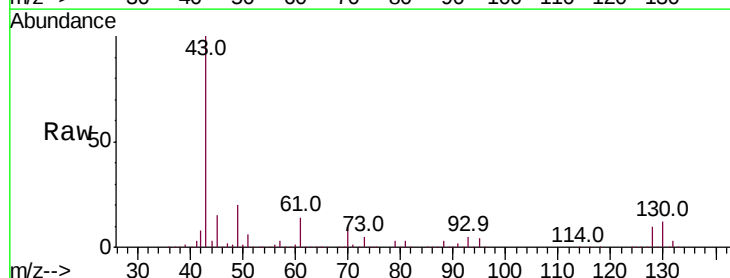
Tgt Ion: 61 Resp: 491085

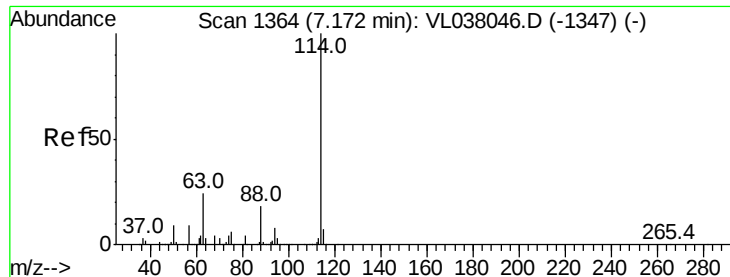
Ion Ratio Lower Upper

61 100

96 0.5 55.4 83.2#

98 0.0 35.7 53.5#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.15 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Nov 2021 0:39 SG-EDIBLE-ARRANGEMENTS

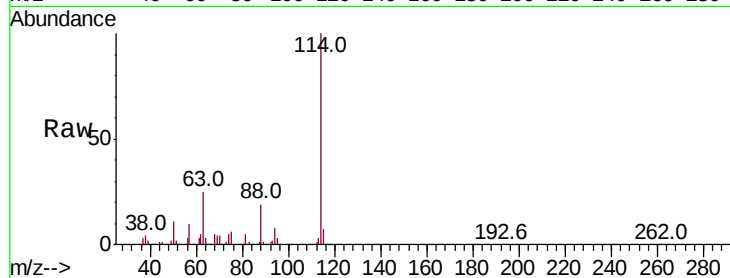
Tot Ion:114 Resp: 2431630

Ion Ratio Lower Upper

114 100

63 25.3 19.7 29.5

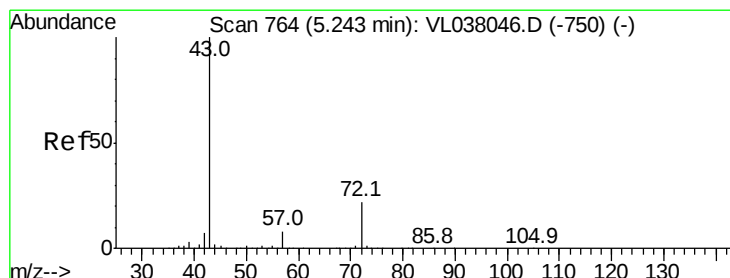
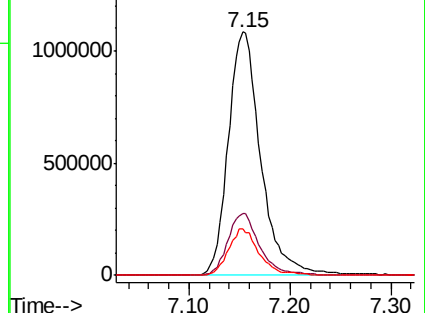
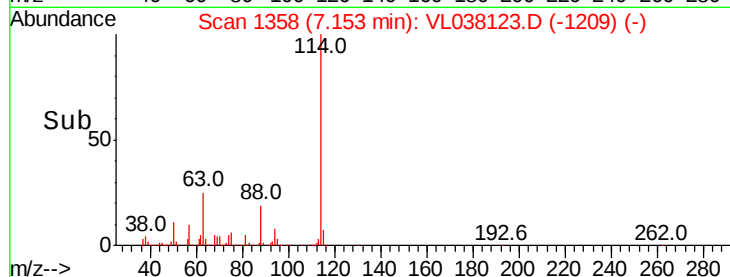
88 18.4 14.4 21.6



Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 38.060 ppbv

RT: 5.65 min Scan# 891

Delta R.T. 0.41 min

Lab File: VL038123.D

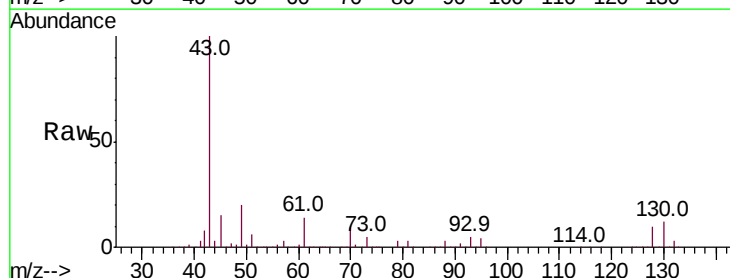
Acq: 24 Nov 2021 6:39

Tgt Ion: 43 Resp: 3731766

Ion Ratio Lower Upper

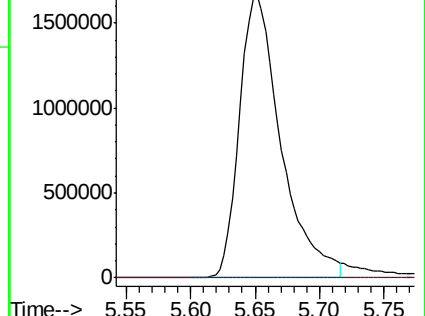
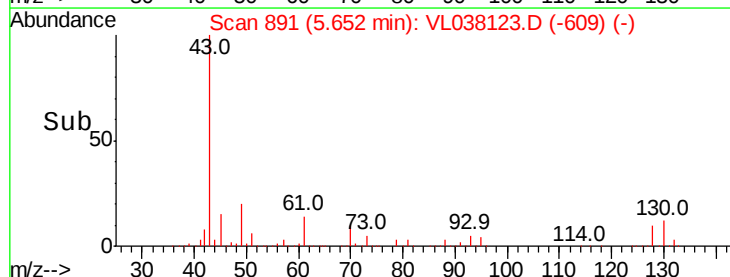
43 100

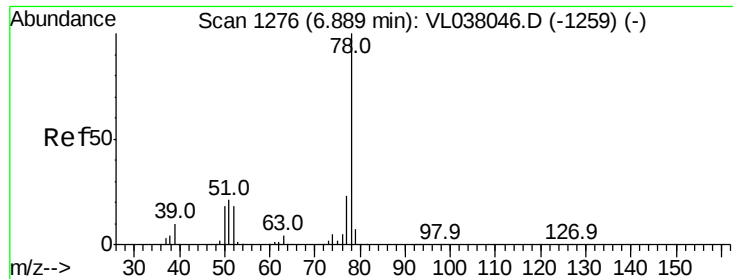
72 0.0 18.8 28.2#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#36

Benzene

Concen: 0.165 ppbv

RT: 6.87 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 24 Nov 2021 8:39 SG-EDIBLE-ARRANGEMENTS

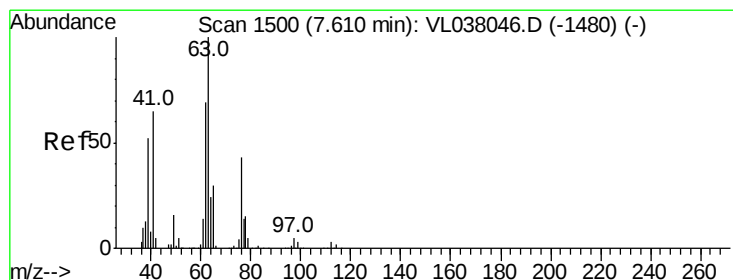
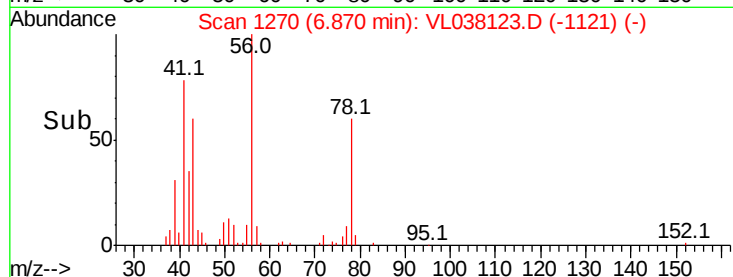
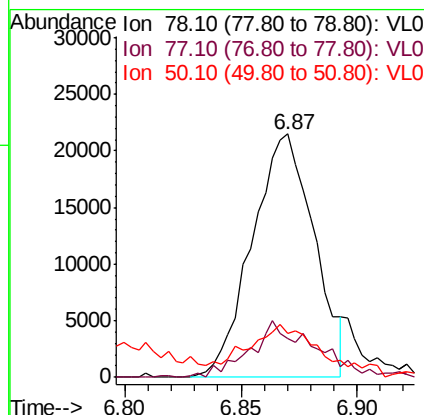
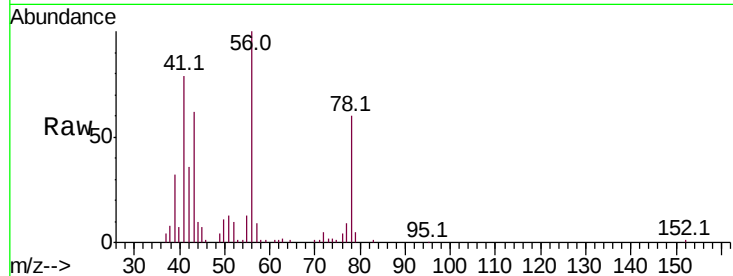
Tot Ion: 78 Resp: 39942

Ion Ratio Lower Upper

78 100

77 14.9 18.2 27.4#

50 11.3 14.7 22.1#



#39

1,2-Dichloropropane

Concen: 6.516 ppbv

RT: 7.15 min Scan# 1358

Delta R.T. -0.46 min

Lab File: VL038123.D

Acq: 24 Nov 2021 6:39

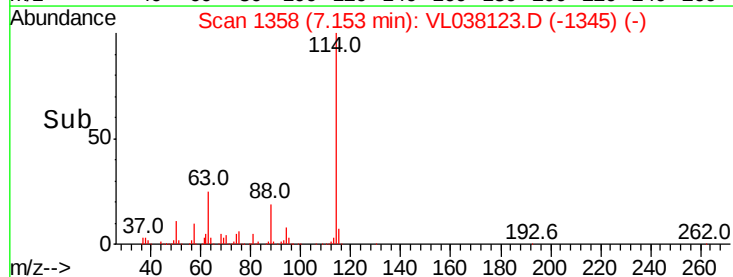
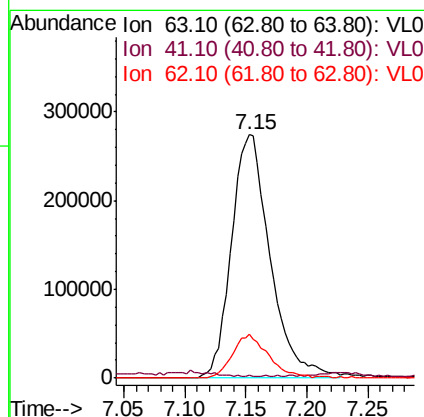
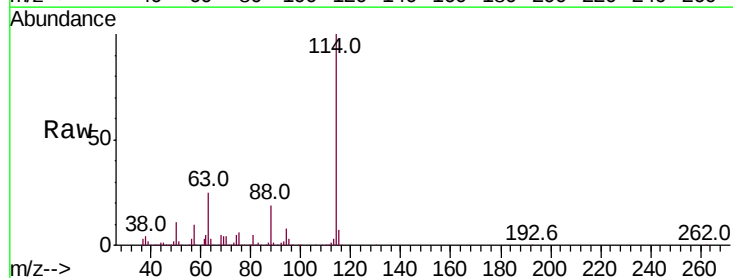
Tgt Ion: 63 Resp: 606263

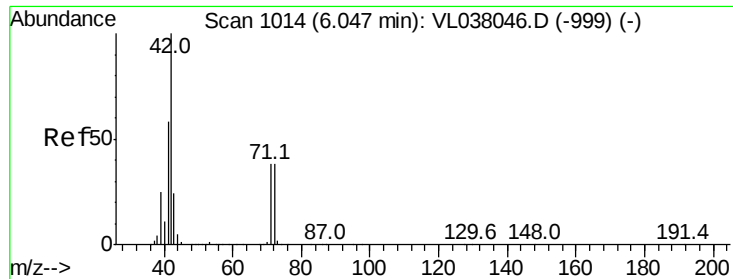
Ion Ratio Lower Upper

63 100

41 0.0 52.3 78.5#

62 18.0 55.1 82.7#





#41

Tetrahydrofuran

Concen: 0.078 ppbv

RT: 6.29 Instrument: MSVOA_1

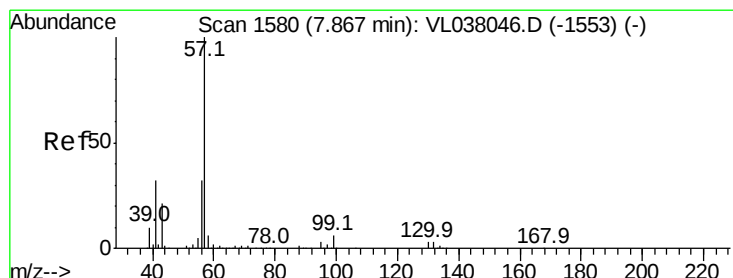
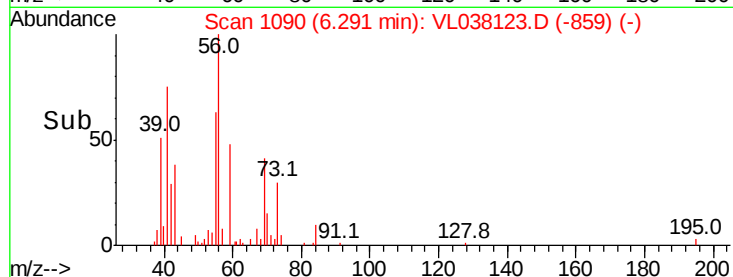
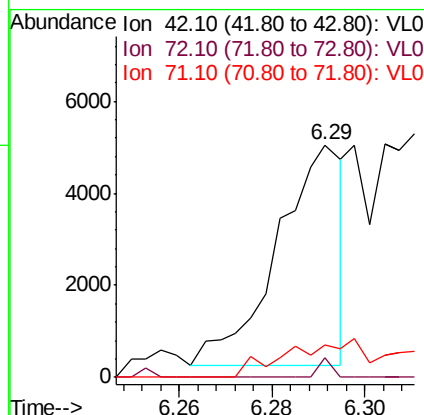
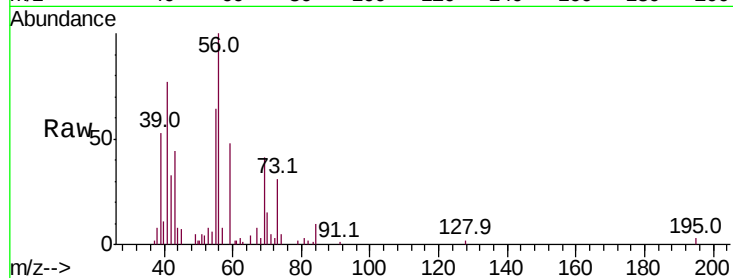
Delta R.T.

Lab File: ClientSampleId:

Acq: 24 Nov 2021 0:39 SG-EDIBLE-ARRANGEMENTS

Tot Ion: 42 Resp: 4728

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.7	47.5#
71	32.1	30.6	46.0



#44

2,2,4-Trimethylpentane

Concen: 0.089 ppbv

RT: 7.84 min Scan# 1572

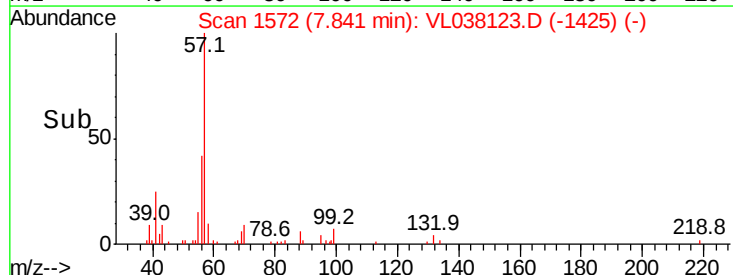
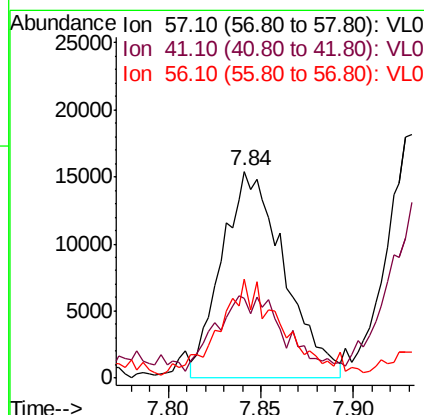
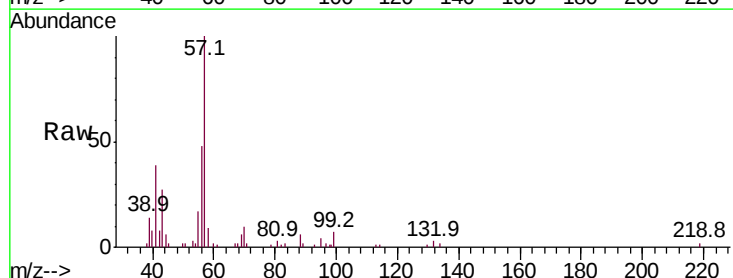
Delta R.T. -0.03 min

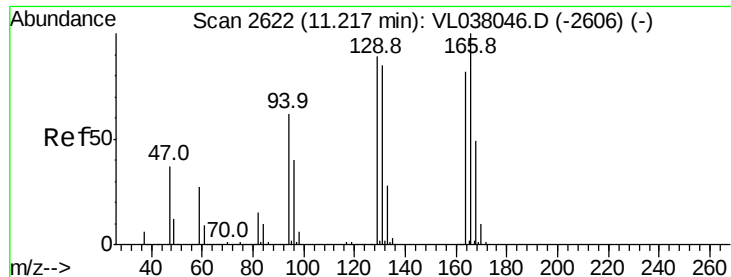
Lab File: VL038123.D

Acq: 24 Nov 2021 6:39

Tgt Ion: 57 Resp: 36051

Ion	Ratio	Lower	Upper
57	100		
41	40.1	25.8	38.6#
56	45.9	25.6	38.4#





#52

Tetrachloroethene

Concen: 49.789 ppbv

RT: 11.20

Delta R.T. MSVOA_L

Lab File:

Acq: 24 Nov 2021 0:39

Tot Ion:164 Resp: 4468555

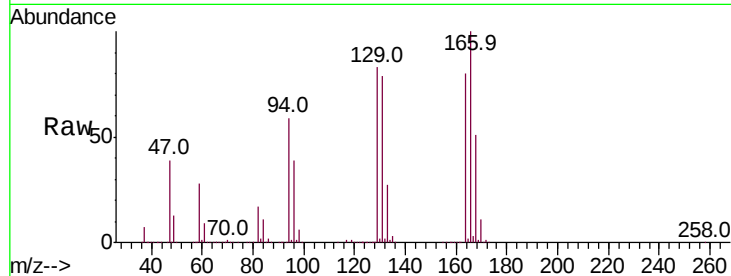
Ion Ratio Lower Upper

164 100

166 125.0 97.2 145.8

129 103.5 86.9 130.3

131 98.7 82.8 124.2

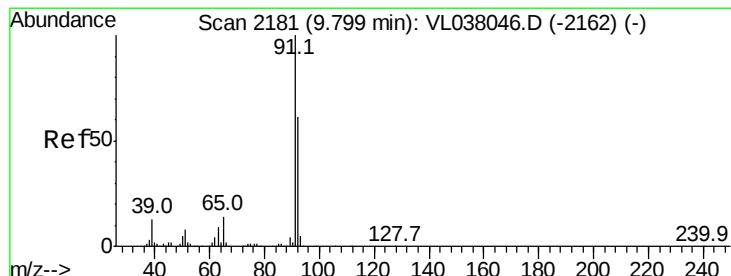
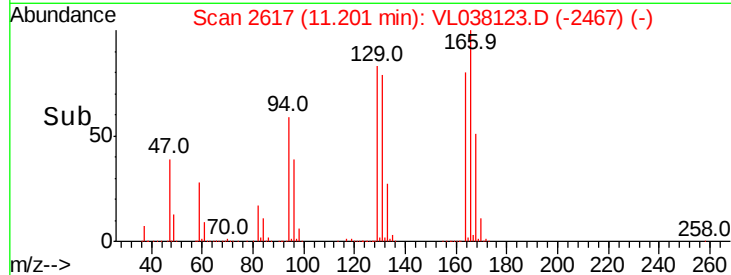
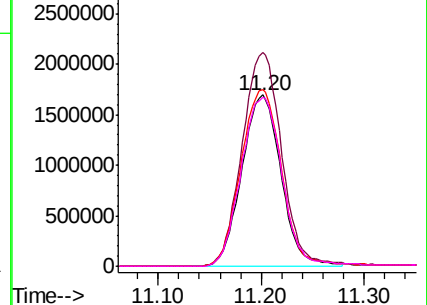


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.153 ppbv

RT: 9.78 min Scan# 2176

Delta R.T. -0.02 min

Lab File: VL038123.D

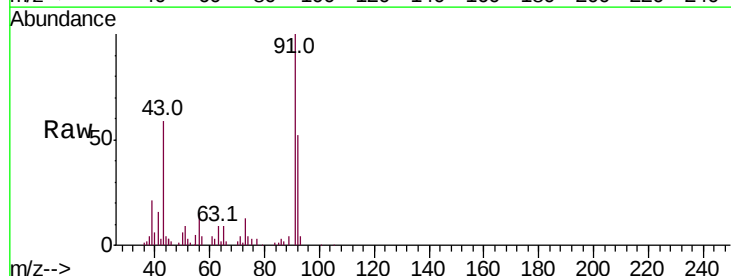
Acq: 24 Nov 2021 6:39

Tgt Ion: 91 Resp: 42651

Ion Ratio Lower Upper

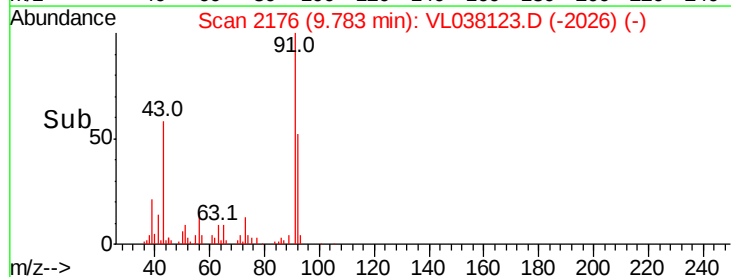
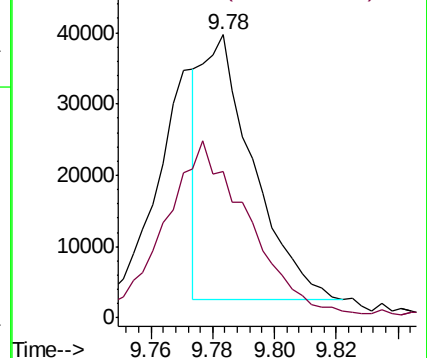
91 100

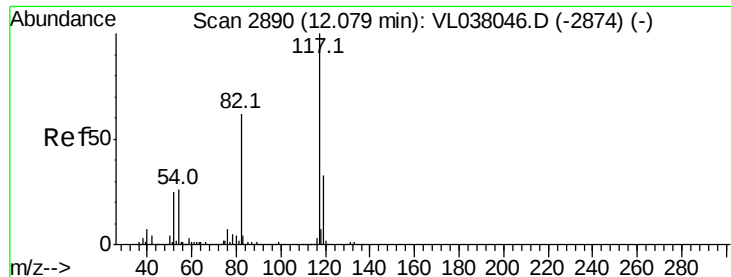
92 114.6 49.7 74.5#



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: 12.06

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Nov 2021 0:39

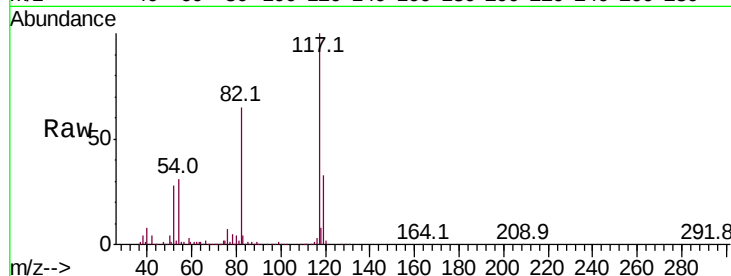
Tot Ion:117 Resp: 2111274

Ion Ratio Lower Upper

117 100

82 69.3 52.8 79.2

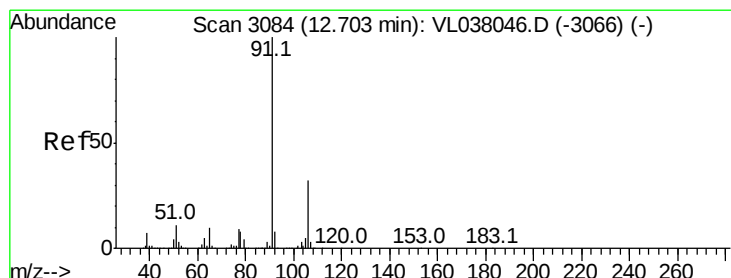
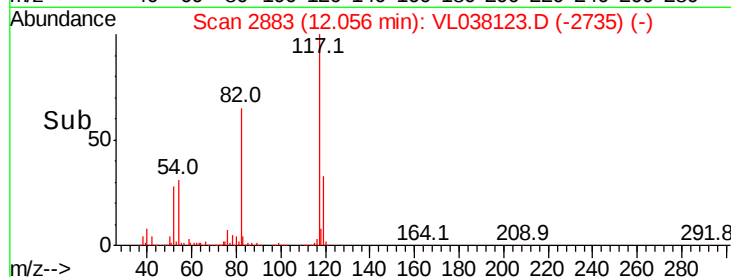
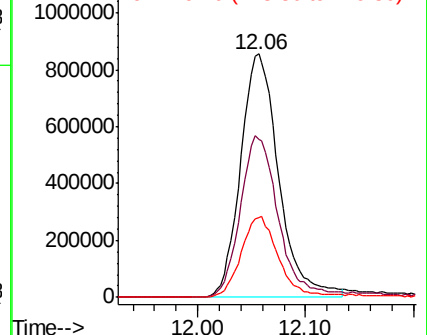
119 33.8 26.8 40.2



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#58

Ethyl Benzene

Concen: 0.102 ppbv

RT: 12.68 min Scan# 3077

Delta R.T. -0.02 min

Lab File: VL038123.D

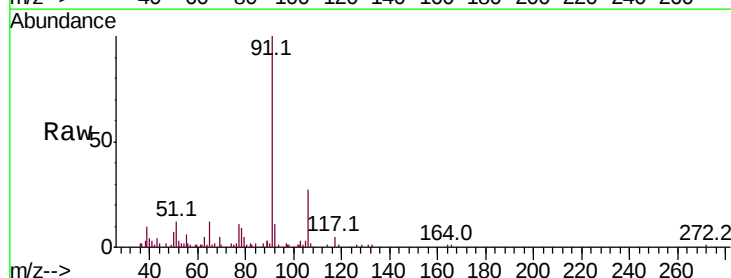
Acq: 24 Nov 2021 6:39

Tgt Ion: 91 Resp: 35701

Ion Ratio Lower Upper

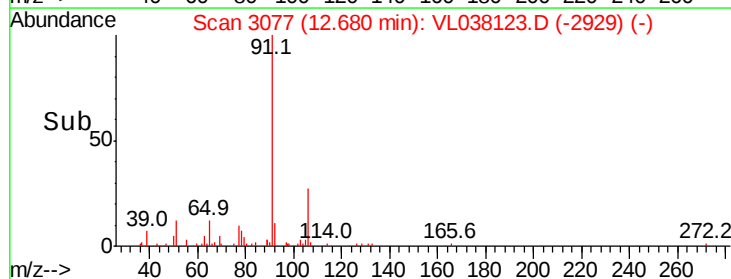
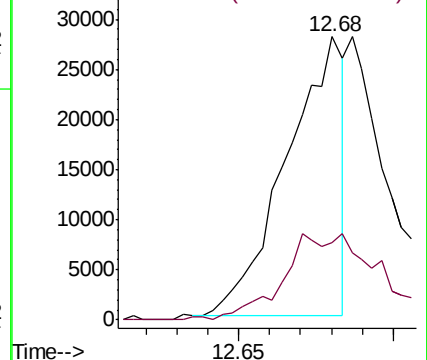
91 100

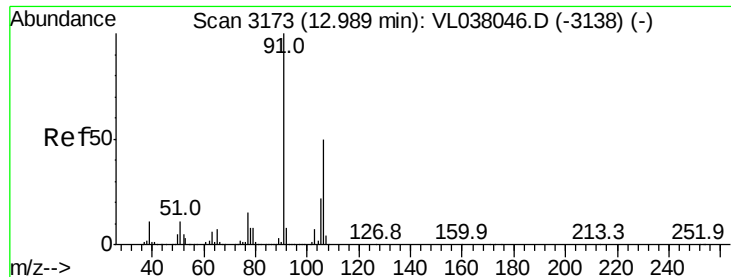
106 26.6 25.8 38.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#59

m/p-Xylene

Concen: 1.060 ppbv

RT: 12.94

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

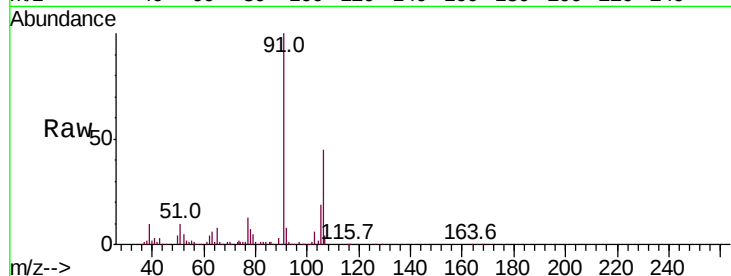
Acq: 24 Nov 2021 8:39 SG-EDIBLE-ARRANGEMENTS

Tot Ion: 91 Resp: 311303

Ion Ratio Lower Upper

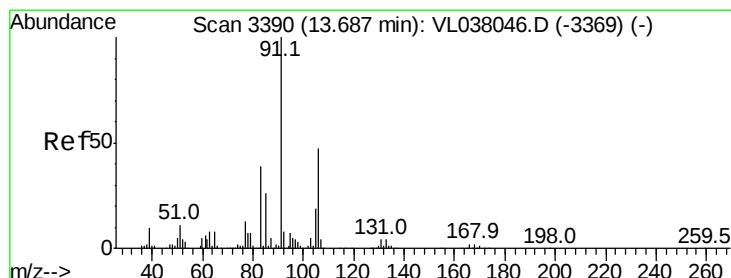
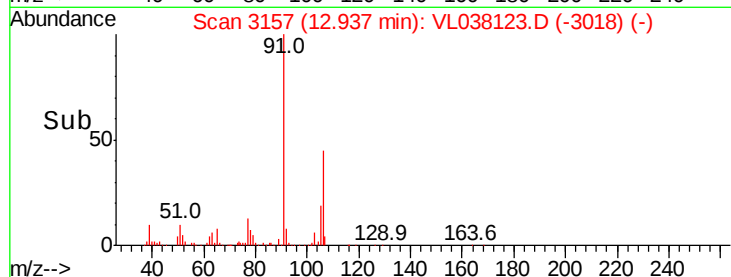
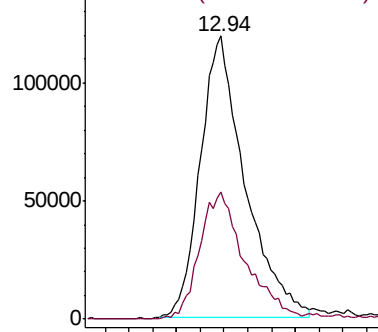
91 100

106 46.2 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: 1.505 ppbv

RT: 13.66 min Scan# 3383

Delta R.T. -0.02 min

Lab File: VL038123.D

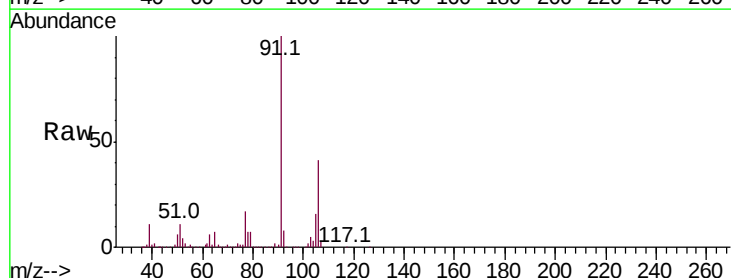
Acq: 24 Nov 2021 6:39

Tgt Ion: 91 Resp: 410243

Ion Ratio Lower Upper

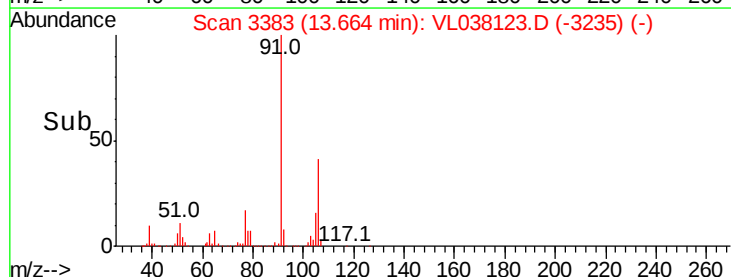
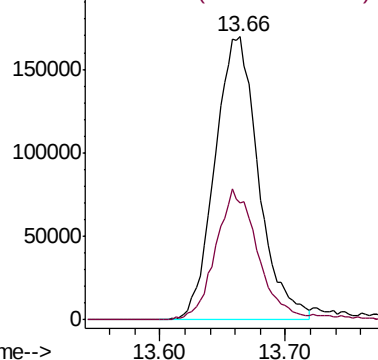
91 100

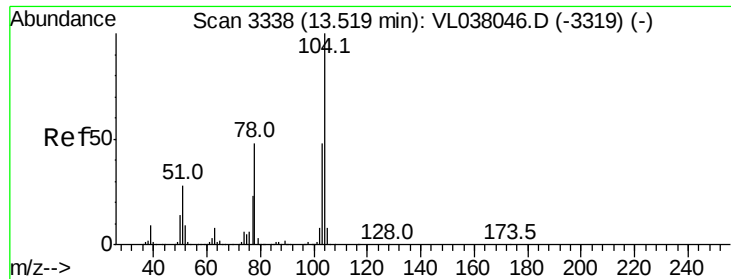
106 46.0 24.2 72.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#61

Stvrene

Concen: 0.356 ppbv

RT: 13.50

Delta R.T. MSVOA_1

Lab File:

ClientSampleId: SG-EDIBLE-ARRANGEMENTS

Acq: 24 Nov 2021 0:39

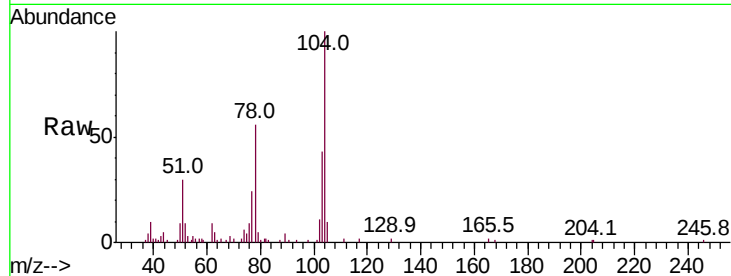
Tot Ion:104 Resp: 52000

Ion Ratio Lower Upper

104 100

78 55.9 39.8 59.6

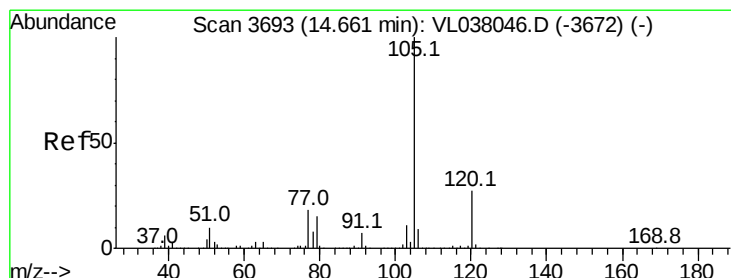
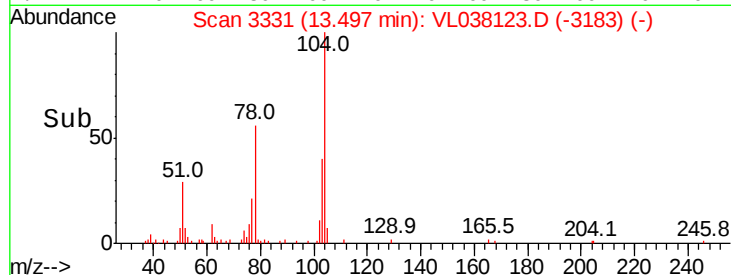
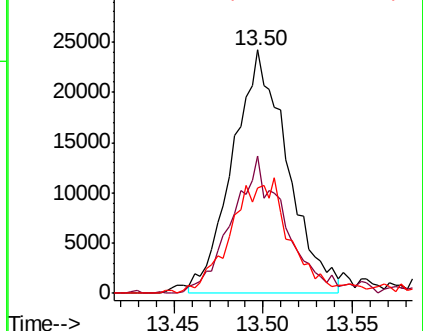
103 52.3 38.2 57.2



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



#62

Isopropylbenzene

Concen: 0.586 ppbv

RT: 14.64 min Scan# 3685

Delta R.T. -0.03 min

Lab File: VL038123.D

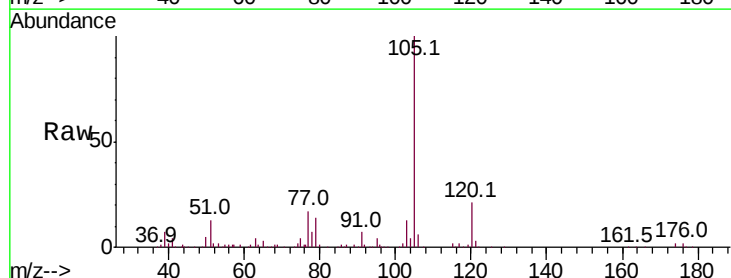
Acq: 24 Nov 2021 6:39

Tgt Ion:105 Resp: 226811

Ion Ratio Lower Upper

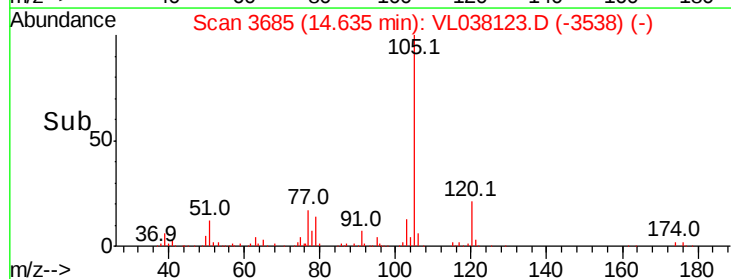
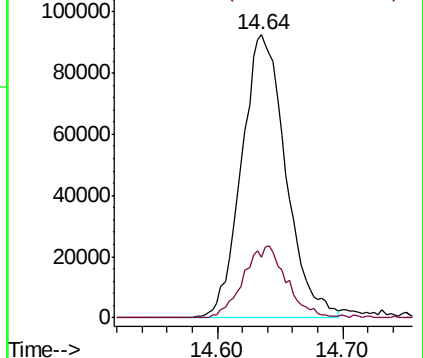
105 100

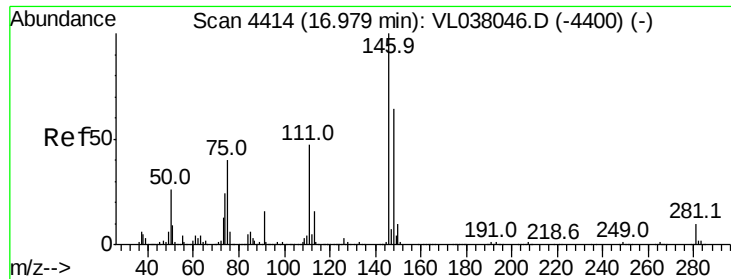
120 25.1 21.8 32.6



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#66

Benzyl Chloride

Concen: 0.052 ppbv

RT: 16.95

Delta R.T. MSVOA_L

Lab File:

Acq: 24 Nov 2021 0:39

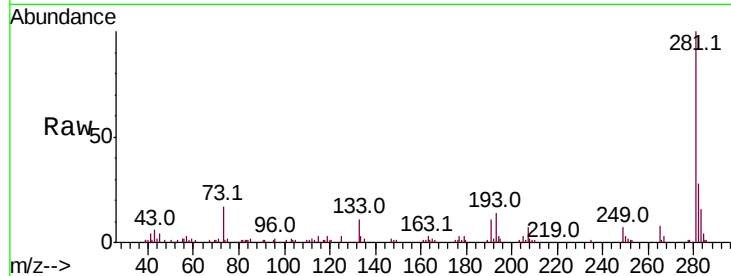
Tot Ion: 91 Resp: 903

Ion Ratio Lower Upper

91 100

126 0.0 15.5 23.3#

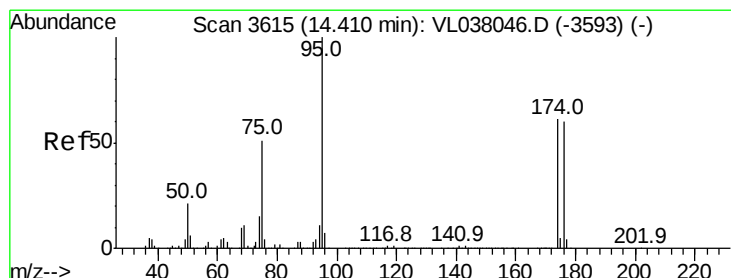
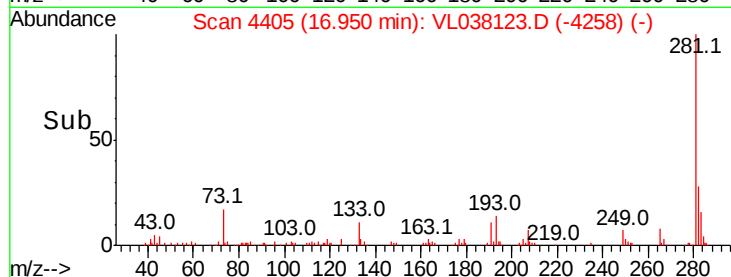
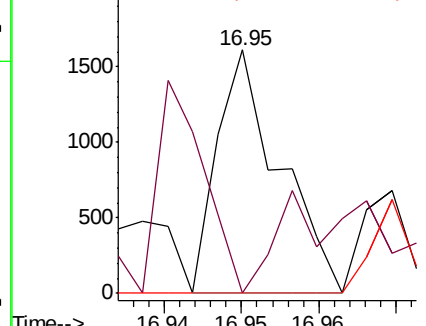
128 0.0 5.6 8.4#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.790 ppbv

RT: 14.38 min Scan# 3607

Delta R.T. -0.03 min

Lab File: VL038123.D

Acq: 24 Nov 2021 6:39

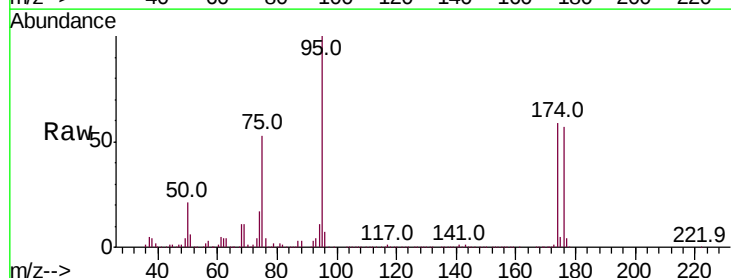
Tgt Ion: 95 Resp: 1643211

Ion Ratio Lower Upper

95 100

174 63.5 53.1 79.7

175 4.7 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

