

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112321\
 Data File : VL038106.D
 Acq On : 23 Nov 2021 19:19
 Operator : SY/AP
 Sample : M4805-09
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-JEWELRY-DESIGN

Quant Time: Nov 24 06:55:21 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	934082	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2716318	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2371018	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1870309	10.94	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	30278	0.196 ppbv	# 86
3) Chlorodifluoromethane	2.97	51	18050274	92.017 ppbv	# 61
4) Chloromethane	3.14	50	41598	0.623 ppbv	91
7) Chloroethane	3.56	64	1282	0.055 ppbv	89
9) Propene	3.21	41	4196964	58.095 ppbv	100
10) Heptane	8.11	43	179490	1.005 ppbv	97
11) Trichlorofluoromethane	3.95	101	489512	3.336 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	7643	0.074 ppbv	95
13) Ethanol	3.65	45	12912809	1849.606 ppbv	# 24
15) Acetone	3.84	43	7918000	97.770 ppbv	96
16) 1,3-Butadiene	3.30	39	35721	0.565 ppbv	# 14
17) tert-Butyl alcohol	4.05	59	1948992	19.840 ppbv	# 77
19) Isopropyl Alcohol	4.05	45	55009798	940.085 ppbv	# 99
20) Methylene Chloride	4.35	84	134971	2.975 ppbv	98
21) Allyl Chloride	4.06	41	3169871	42.285 ppbv	# 19
23) Vinyl Acetate	5.06	43	80136	0.684 ppbv	# 46
25) Ethyl Acetate	5.66	43	3420705	12.709 ppbv	# 90
26) Hexane	5.68	57	136410	1.051 ppbv	# 1
29) Chloroform	5.75	83	944390	4.939 ppbv	95
30) Cyclohexane	7.12	84	5512	0.047 ppbv	# 1
31) cis-1,2-Dichloroethene	5.66	61	445130	3.607 ppbv	# 22
34) 2-Butanone	5.24	43	123318	1.126 ppbv	95
35) Carbon Tetrachloride	7.01	117	7531	0.039 ppbv	# 93
36) Benzene	6.88	78	131203	0.484 ppbv	95
37) 1,2-Dichloroethane	6.30	62	69998	0.535 ppbv	99
39) 1,2-Dichloropropane	7.17	63	683394	6.575 ppbv	# 26
41) Tetrahydrofuran	6.05	42	6629	0.097 ppbv	# 61
43) Methyl Methacrylate	8.01	69	3592	0.039 ppbv	# 1
44) 2,2,4-Trimethylpentane	7.86	57	260607	0.575 ppbv	92
50) 4-Methyl-2-Pentanone	8.73	43	18379	0.110 ppbv	# 50
51) 2-Hexanone	10.13	43	4392	0.056 ppbv	# 1
52) Tetrachloroethene	11.20	164	10088	0.101 ppbv	97
53) Toluene	9.79	91	981025	3.147 ppbv	99
58) Ethyl Benzene	12.69	91	214859	0.548 ppbv	91
59) m/p-Xylene	12.95	91	358076	1.085 ppbv	99
60) o-Xylene	13.67	91	123470	0.403 ppbv	95
61) Styrene	13.52	104	43190	0.263 ppbv	90
69) p-Isopropyltoluene	17.64	119	32833	0.079 ppbv	# 63
73) 1,3,5-Trimethylbenzene	15.98	105	13056	0.040 ppbv	89
74) 1,2,4-Trimethylbenzene	16.74	105	64256	0.192 ppbv	# 69
79) Naphthalene	22.17	128	8020	0.046 ppbv	# 91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112321\
Data File : VL038106.D
Acq On : 23 Nov 2021 19:19
Operator : SY/AP
Sample : M4805-09
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-JEWELRY-DESIGN

Quant Time: Nov 24 06:55:21 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

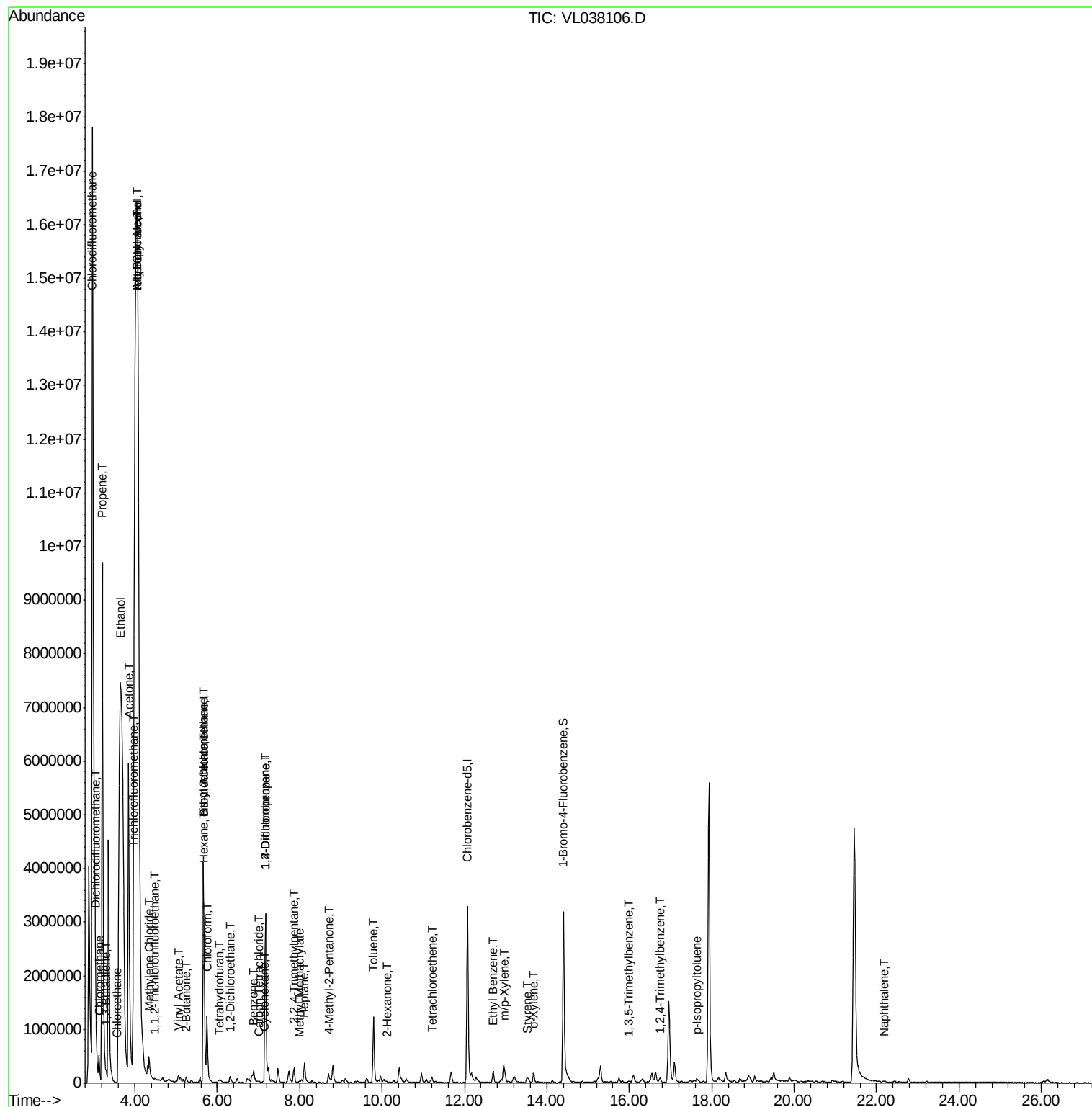
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

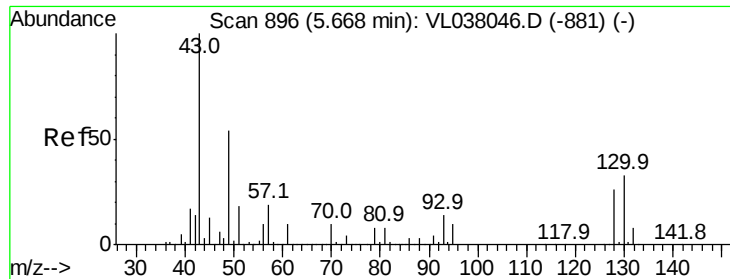
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112321\
Data File : VL038106.D
Acq On : 23 Nov 2021 19:19
Operator : SY/AP
Sample : M4805-09
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-JEWELRY-DESIGN

Quant Time: Nov 24 06:55:21 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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: IA-JEWELRY-DESIGN

Acq: 23 Nov 2021 19:19

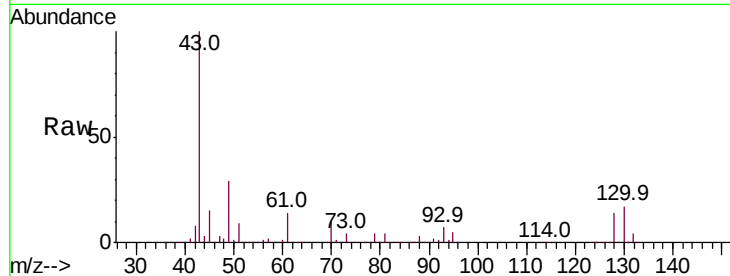
Tot Ion: 49 Resp: 934082

Ion Ratio Lower Upper

49 100

128 49.9 26.5 79.5

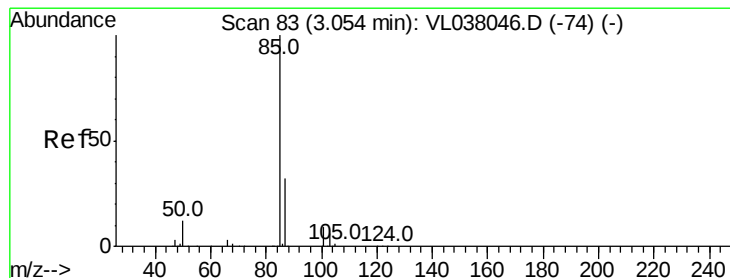
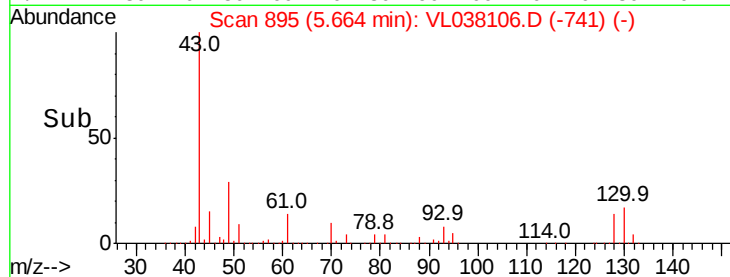
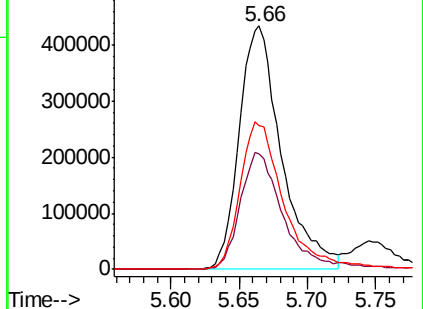
130 63.9 32.5 97.4



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# 82

Delta R.T. -0.00 min

Lab File: VL038106.D

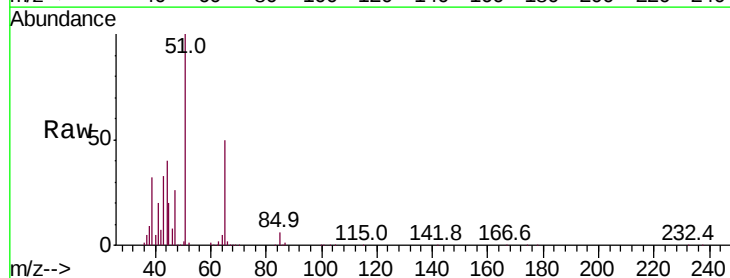
Acq: 23 Nov 2021 19:19

Tgt Ion: 85 Resp: 30278

Ion Ratio Lower Upper

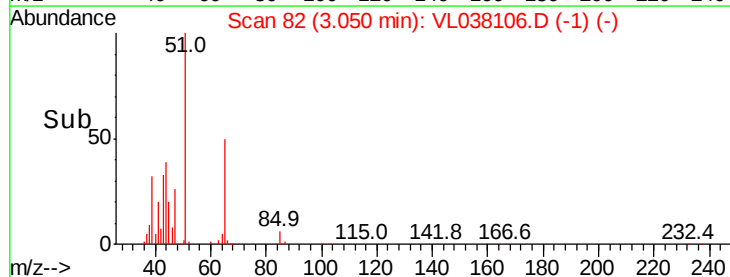
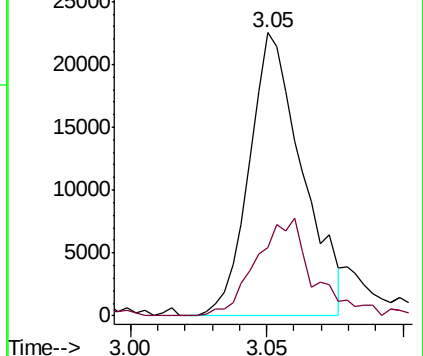
85 100

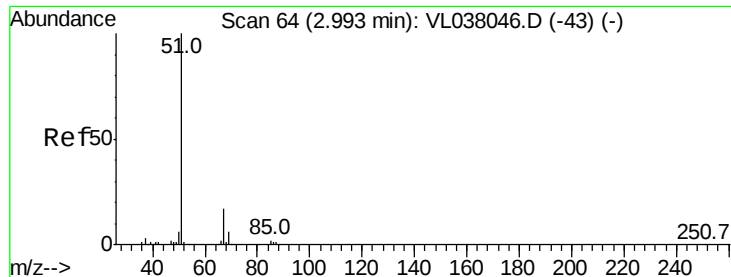
87 24.1 25.8 38.6#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 92.017 ppbv

RT: 2.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

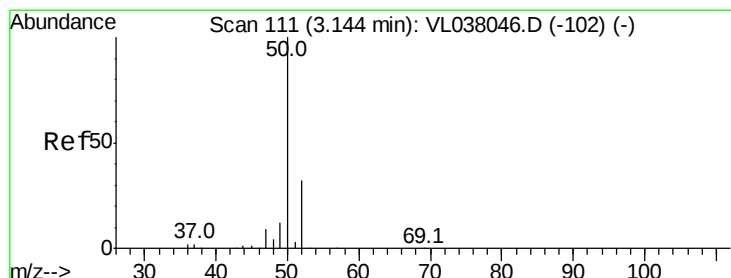
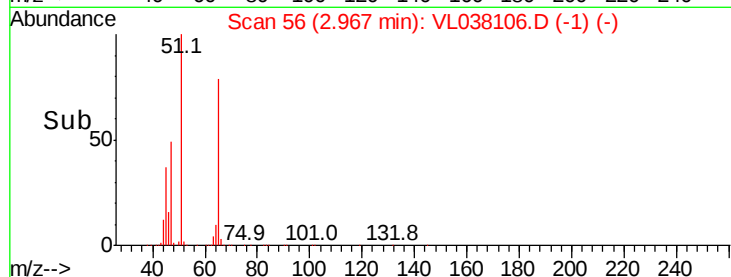
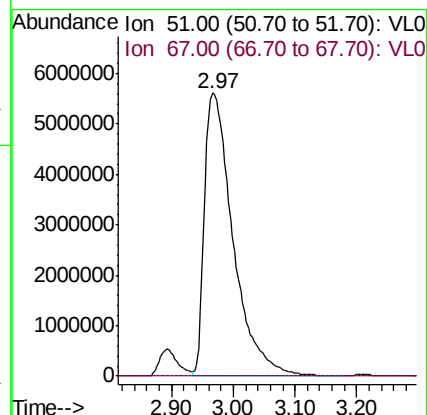
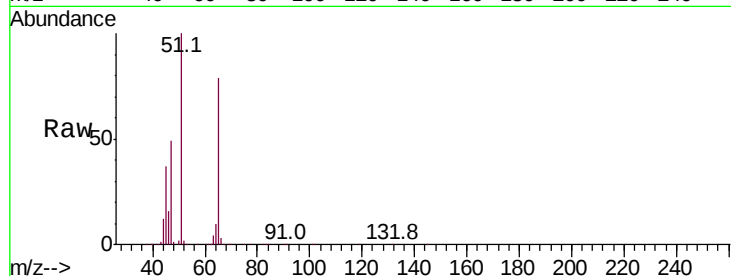
Acq: 23 Nov 2021 19:19

Tot Ion: 51 Resp: 18050274

Ion Ratio Lower Upper

51 100

67 0.1 13.8 20.8#



#4

Chloromethane

Concen: 0.623 ppbv

RT: 3.14 min Scan# 111

Delta R.T. -0.00 min

Lab File: VL038106.D

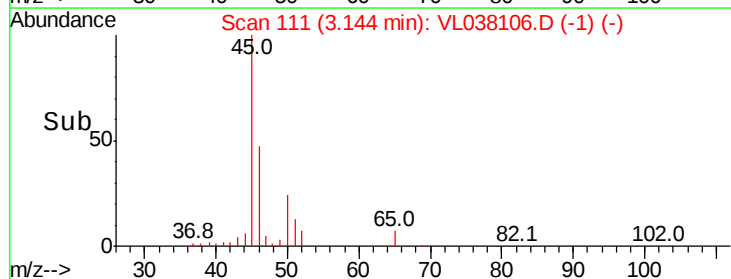
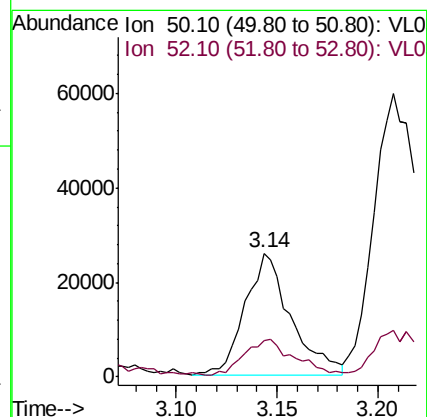
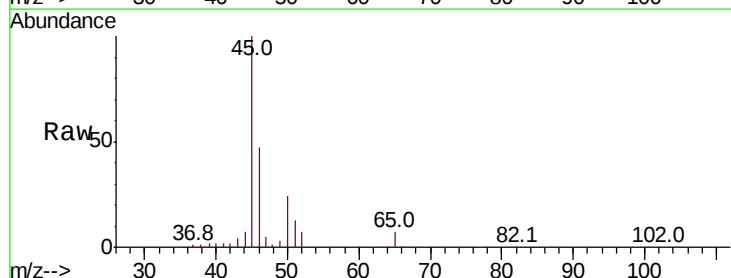
Acq: 23 Nov 2021 19:19

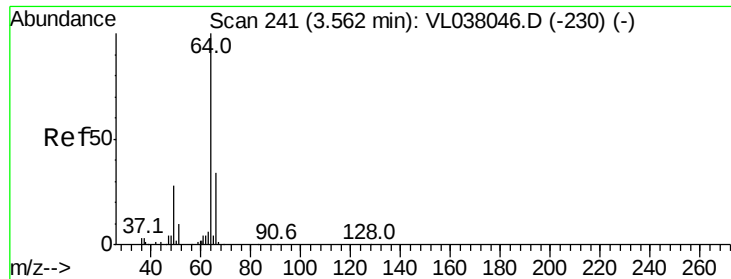
Tgt Ion: 50 Resp: 41598

Ion Ratio Lower Upper

50 100

52 26.5 25.4 38.0





#7

Chloroethane

Concen: 0.055 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

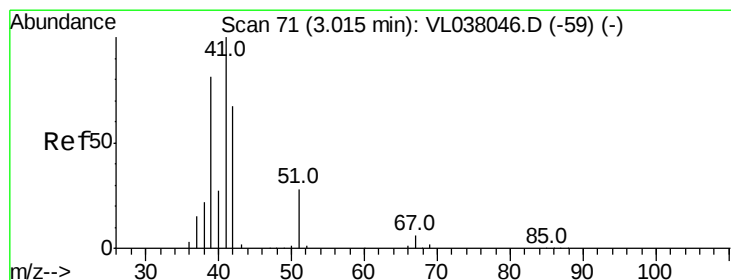
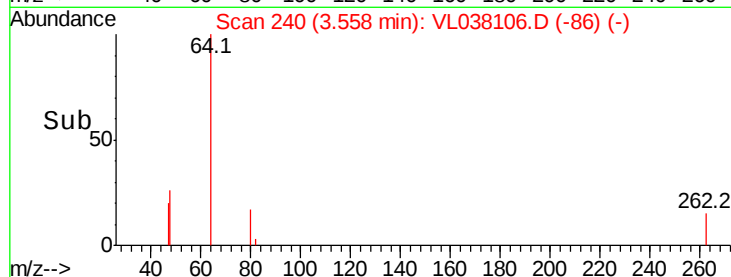
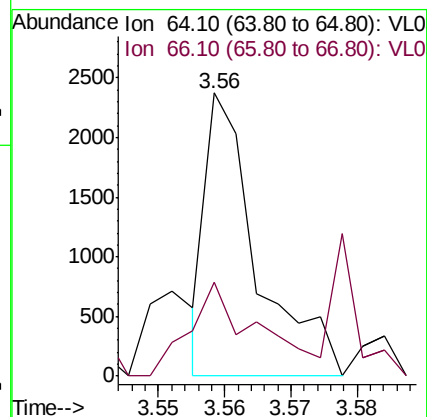
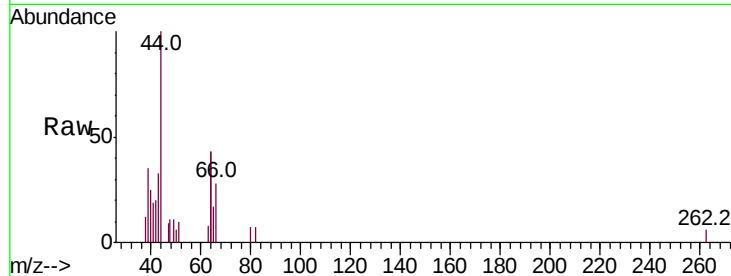
Acq: 23 Nov 2021 19:19

Tot Ion: 64 Resp: 1282

Ion Ratio Lower Upper

64 100

66 27.5 27.2 40.8



#9

Propene

Concen: 58.095 ppbv

RT: 3.21 min Scan# 131

Delta R.T. 0.19 min

Lab File: VL038106.D

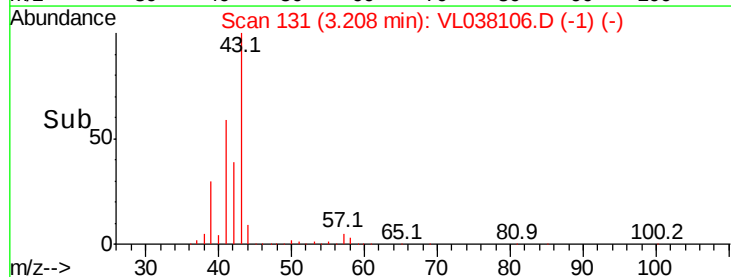
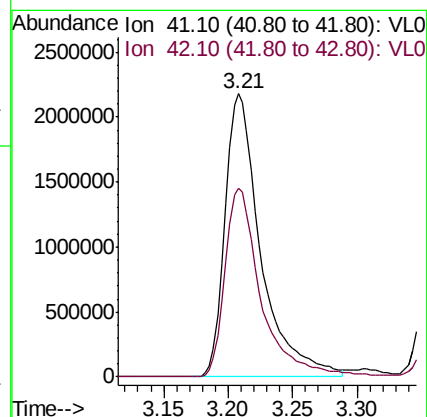
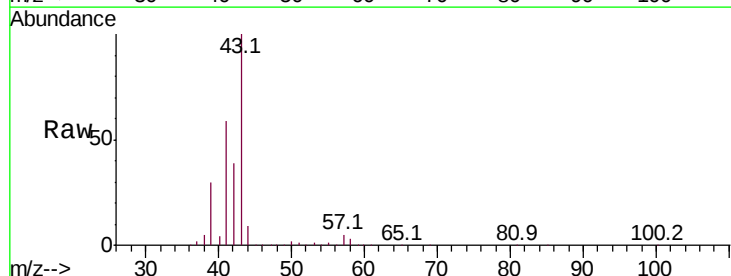
Acq: 23 Nov 2021 19:19

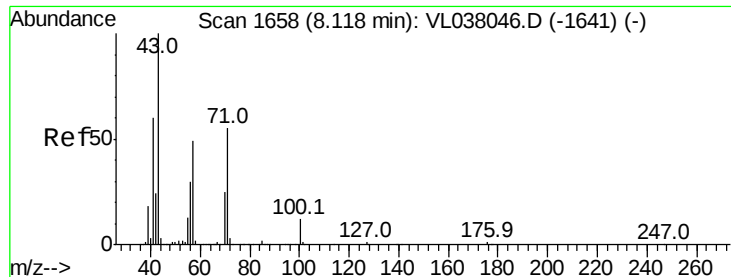
Tgt Ion: 41 Resp: 4196964

Ion Ratio Lower Upper

41 100

42 67.4 53.8 80.8





#10

Heptane

Concen: 1.005 ppbv

RT: 8.11 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

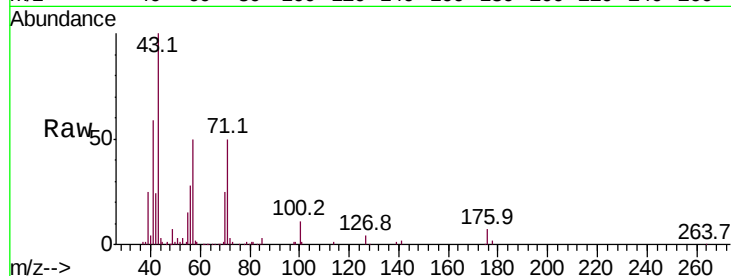
Acq: 23 Nov 2021 19:19

Tot Ion: 43 Resp: 179490

Ion Ratio Lower Upper

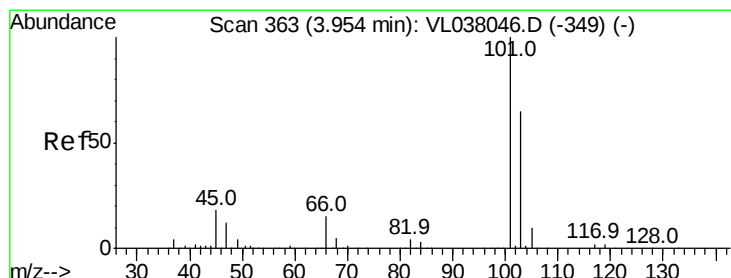
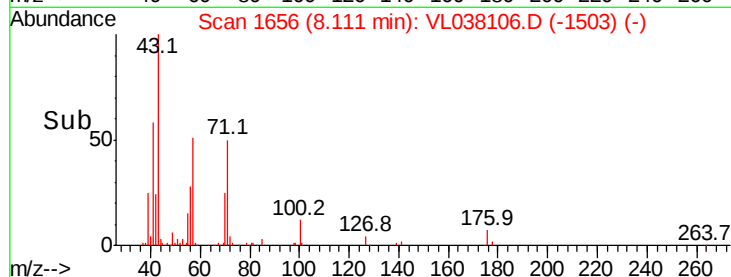
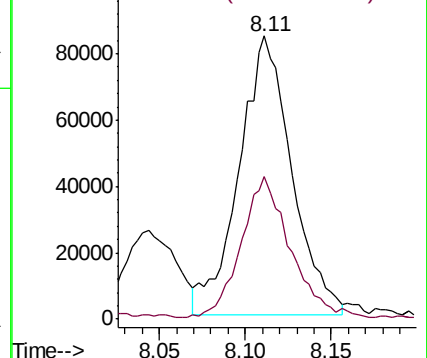
43 100

57 48.7 40.4 60.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#11

Trichlorofluoromethane

Concen: 3.336 ppbv

RT: 3.95 min Scan# 362

Delta R.T. -0.00 min

Lab File: VL038106.D

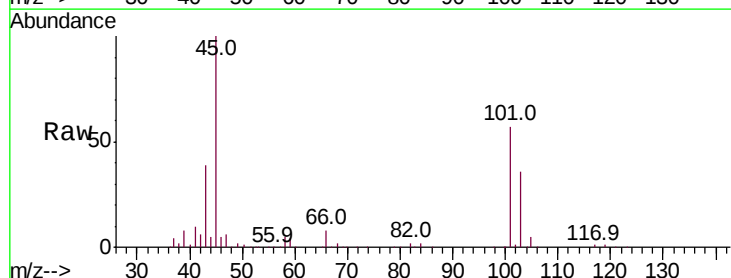
Acq: 23 Nov 2021 19:19

Tgt Ion:101 Resp: 489512

Ion Ratio Lower Upper

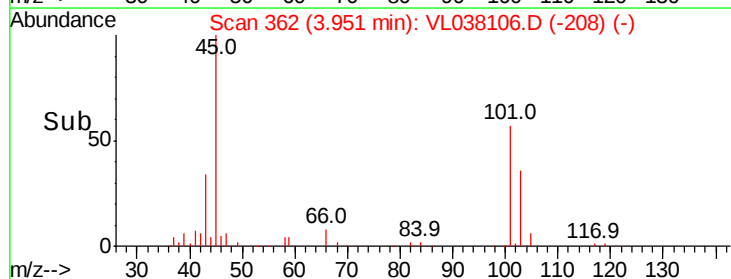
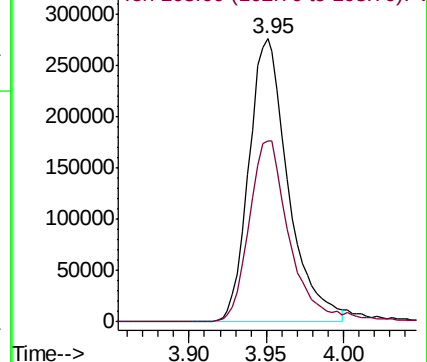
101 100

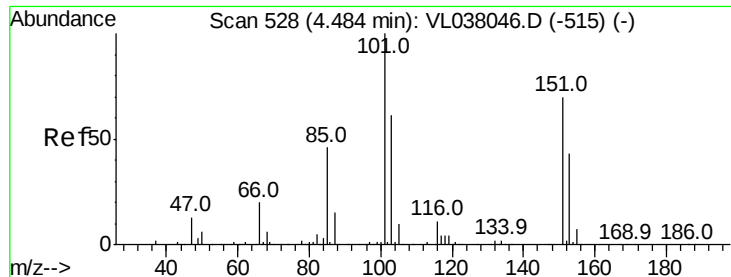
103 63.8 51.8 77.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.074 ppbv

RT: 4.49 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

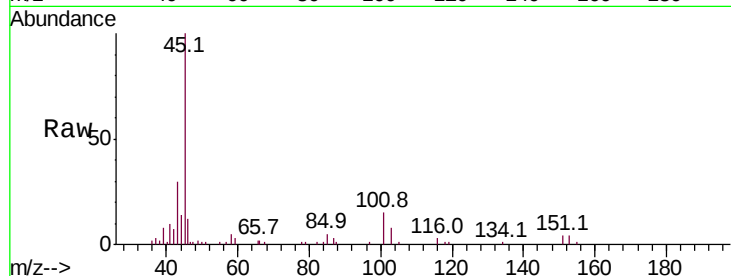
Acq: 23 Nov 2021 19:19

Tot Ion:101 Resp: 7643

Ion Ratio Lower Upper

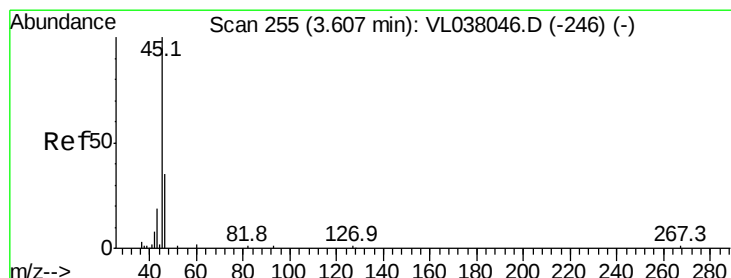
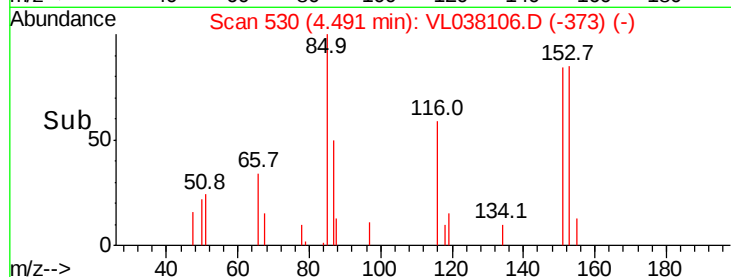
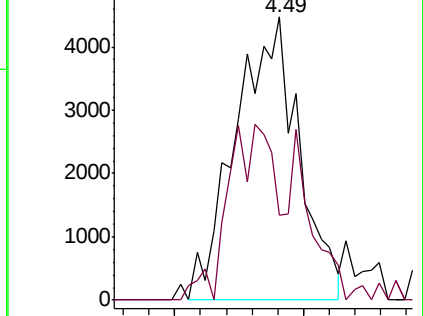
101 100

151 69.9 59.0 88.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V



#13

Ethanol

Concen: 1849.606 ppbv

RT: 3.65 min Scan# 269

Delta R.T. 0.04 min

Lab File: VL038106.D

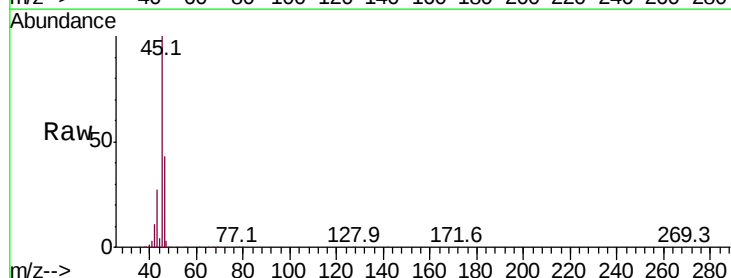
Acq: 23 Nov 2021 19:19

Tgt Ion: 45 Resp:12912809

Ion Ratio Lower Upper

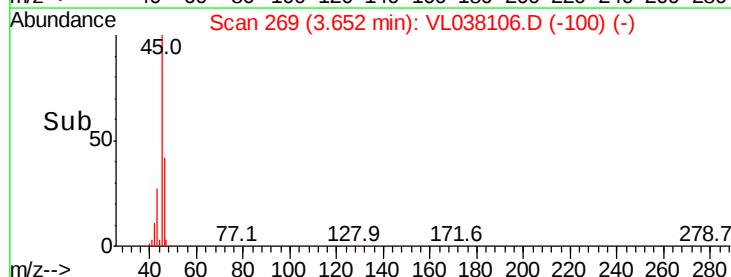
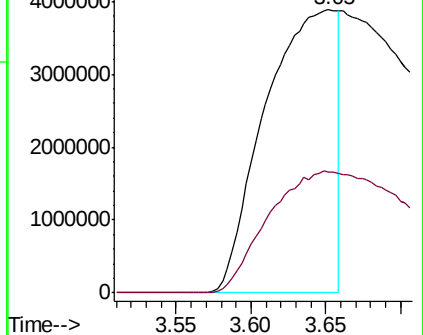
45 100

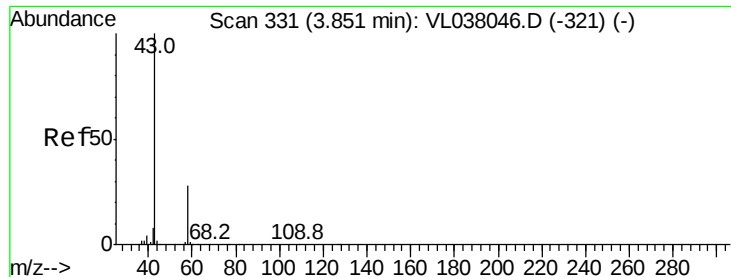
46 93.0 17.6 70.2#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 97.770 ppbv

RT: 3.84 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

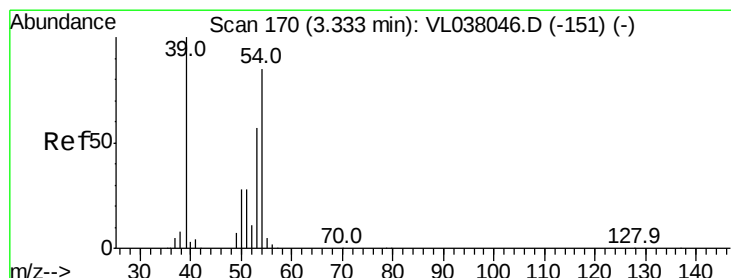
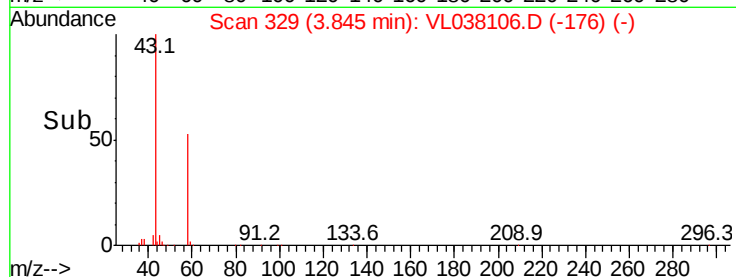
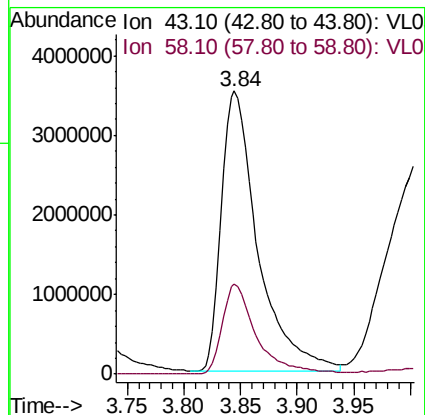
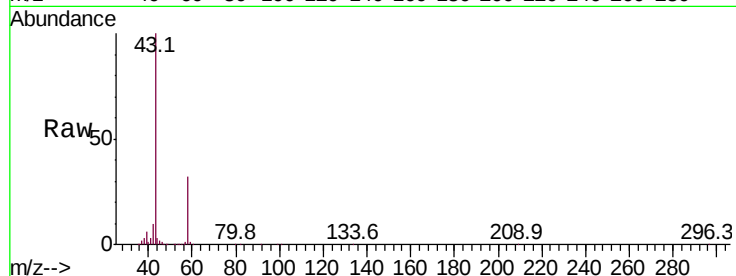
Acq: 23 Nov 2021 19:19

Tot Ion: 43 Resp: 7918000

Ion Ratio Lower Upper

43 100

58 30.2 22.4 33.6



#16

1,3-Butadiene

Concen: 0.565 ppbv

RT: 3.30 min Scan# 161

Delta R.T. -0.03 min

Lab File: VL038106.D

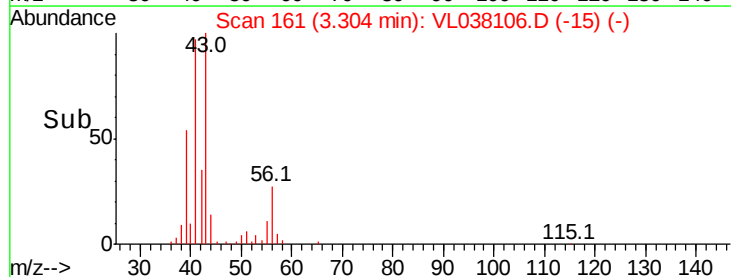
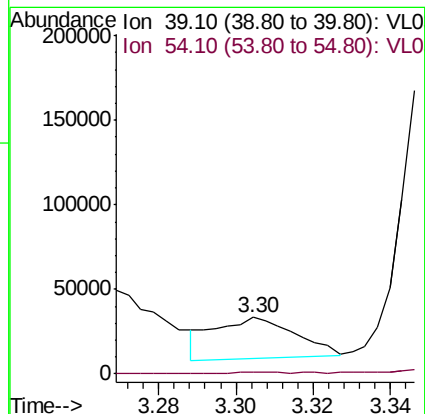
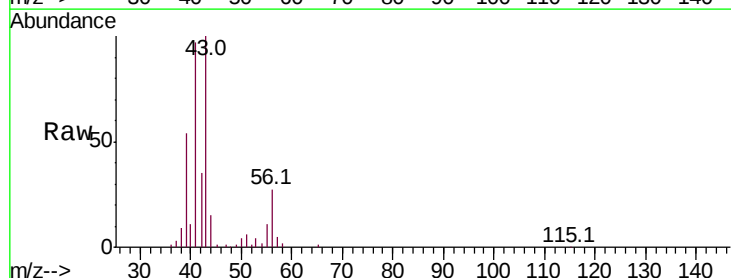
Acq: 23 Nov 2021 19:19

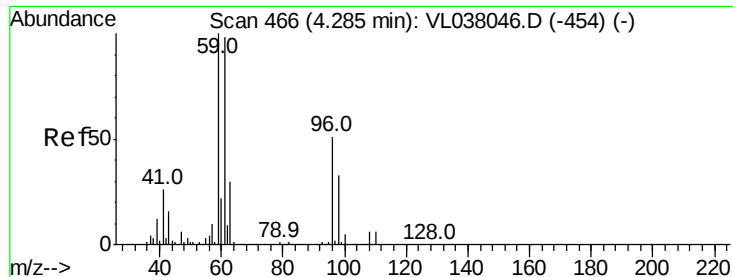
Tgt Ion: 39 Resp: 35721

Ion Ratio Lower Upper

39 100

54 4.7 64.4 96.6#





#17

tert-Butyl alcohol

Concen: 19.840 ppbv

RT: 4.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

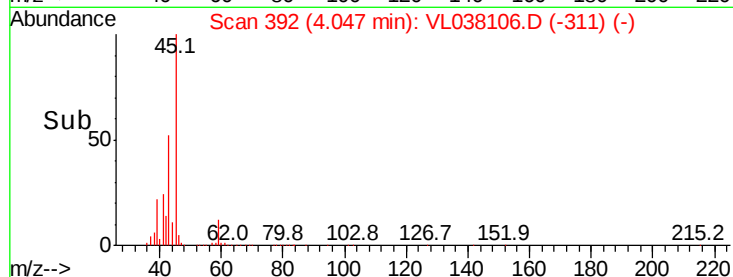
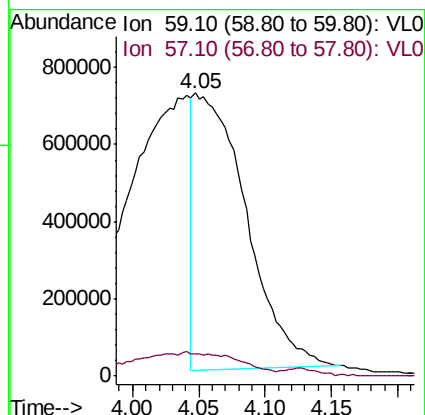
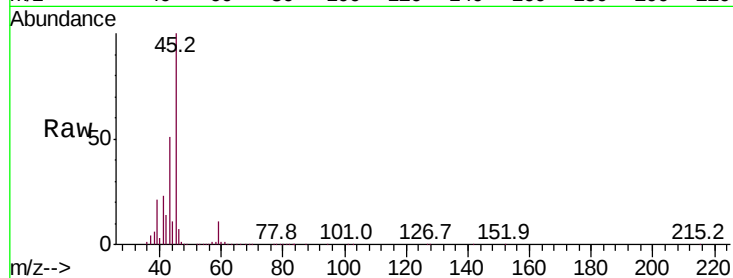
Acq: 23 Nov 2021 19:19

Tot Ion: 59 Resp: 1948992

Ion Ratio Lower Upper

59 100

57 2.0 8.6 13.0#



#19

Isopropyl Alcohol

Concen: 940.085 ppbv

RT: 4.05 min Scan# 392

Delta R.T. 0.08 min

Lab File: VL038106.D

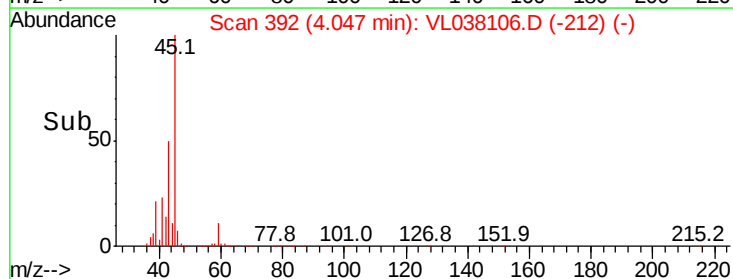
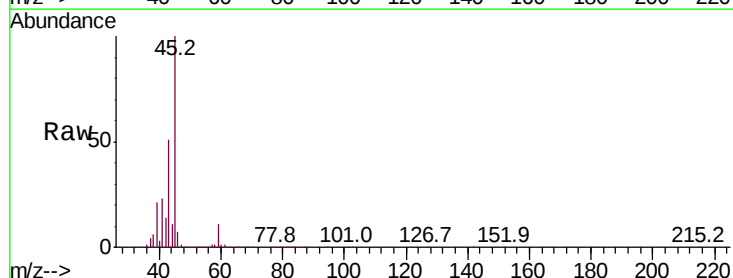
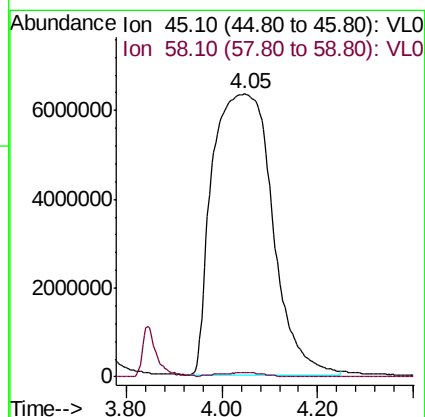
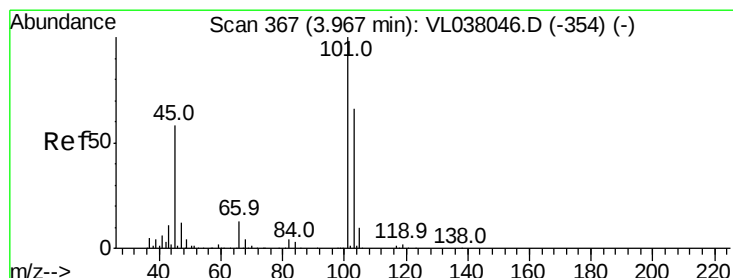
Acq: 23 Nov 2021 19:19

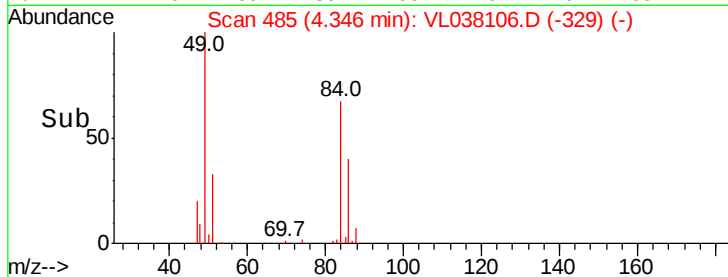
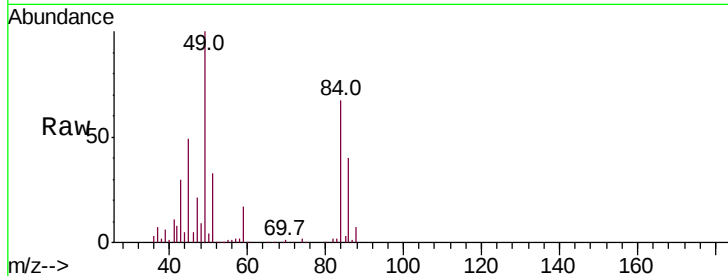
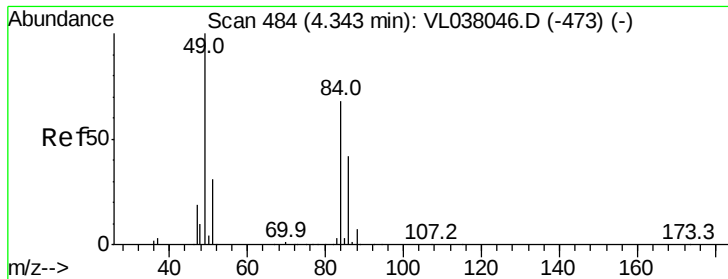
Tgt Ion: 45 Resp: 55009798

Ion Ratio Lower Upper

45 100

58 1.2 1.4 2.0#





#20

Methylene Chloride

Concen: 2.975 ppbv

RT: 4.35

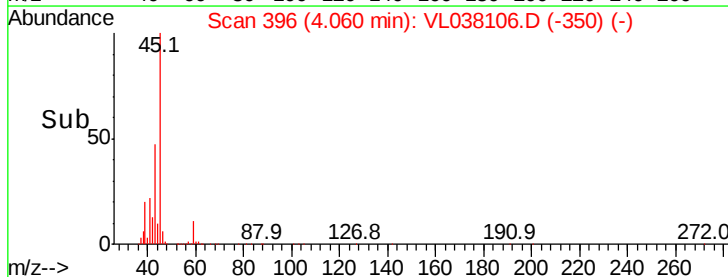
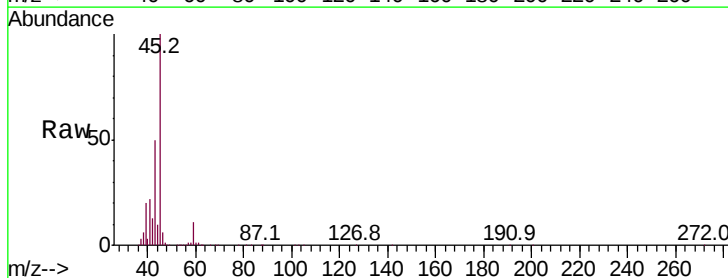
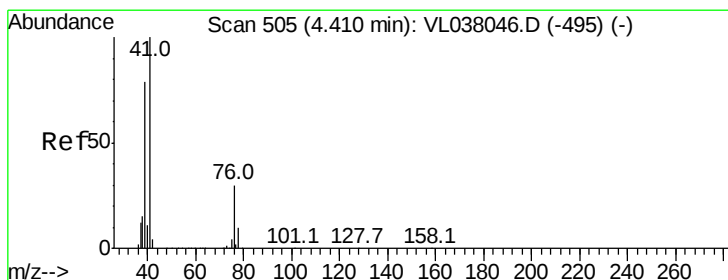
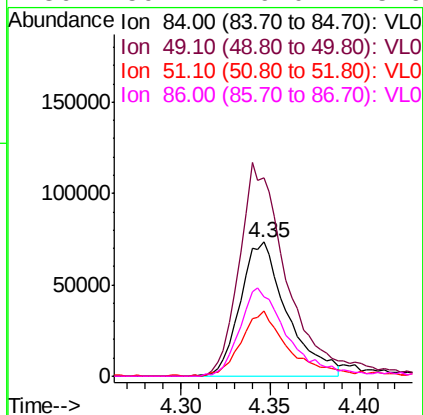
Delta R.T. MSVOA_L

Lab File: ClientSampleId : IA-JEWELRY-DESIGN

Acq: 23 Nov 2021 19:19

Tot Ion: 84 Resp: 134971

Ion	Ratio	Lower	Upper
84	100		
49	148.1	118.2	177.2
51	49.0	36.8	55.2
86	59.1	49.0	73.6



#21

Allyl Chloride

Concen: 42.285 ppbv

RT: 4.06 min Scan# 396

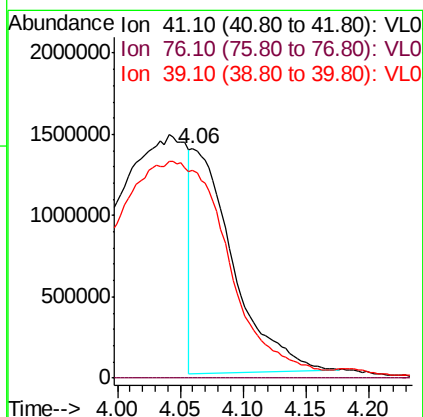
Delta R.T. -0.35 min

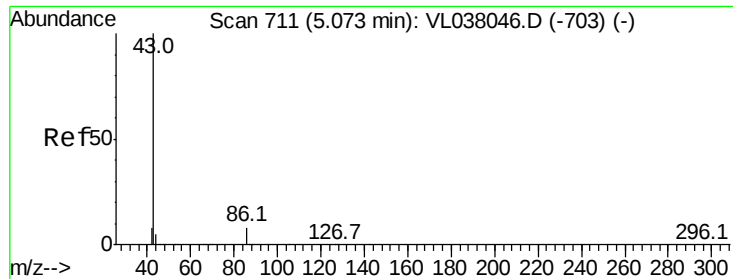
Lab File: VL038106.D

Acq: 23 Nov 2021 19:19

Tgt Ion: 41 Resp: 3169871

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





#23

Vinyl Acetate

Concen: 0.684 ppbv

RT: 5.06 Instrument:

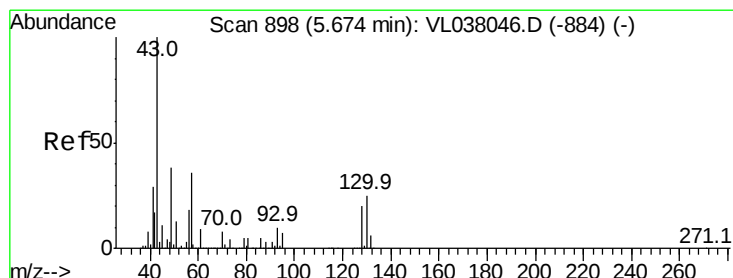
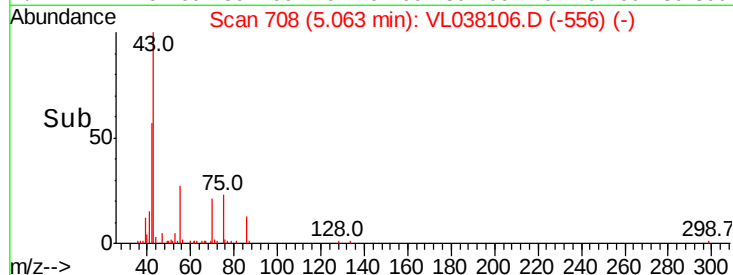
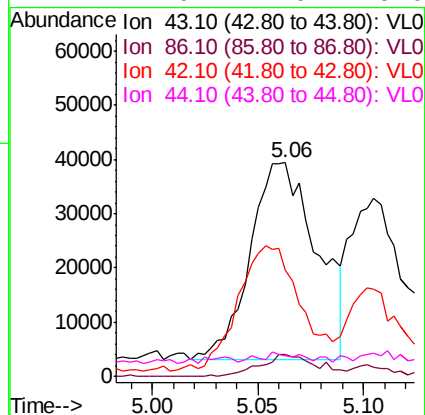
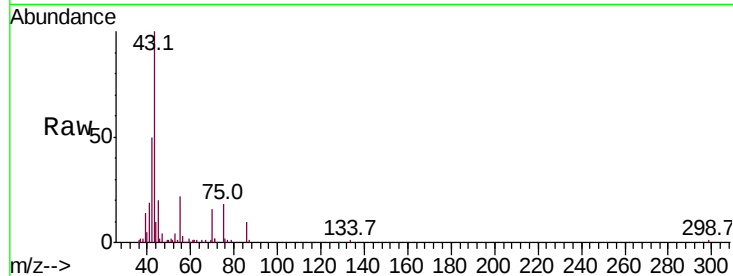
Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 23 Nov 2021 19:19

Tot Ion: 43 Resp: 80136

Ion	Ratio	Lower	Upper
43	100		
86	11.0	5.3	7.9#
42	48.6	7.0	10.6#
44	1.9	4.0	6.0#



#25

Ethyl Acetate

Concen: 12.709 ppbv

RT: 5.66 min Scan# 895

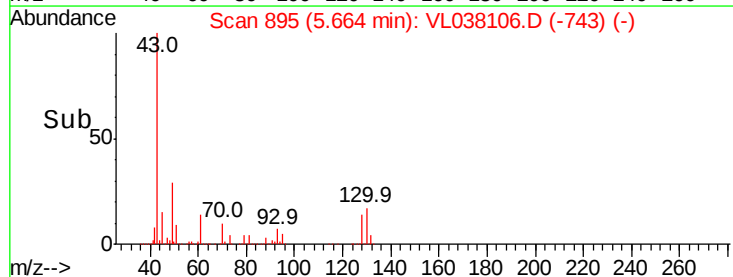
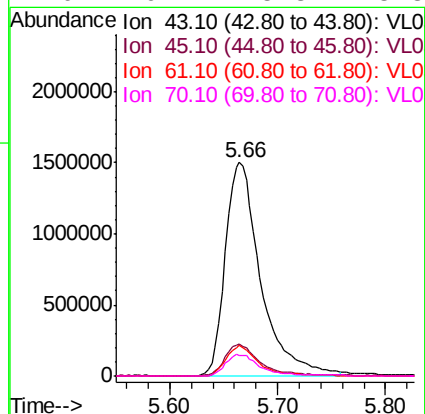
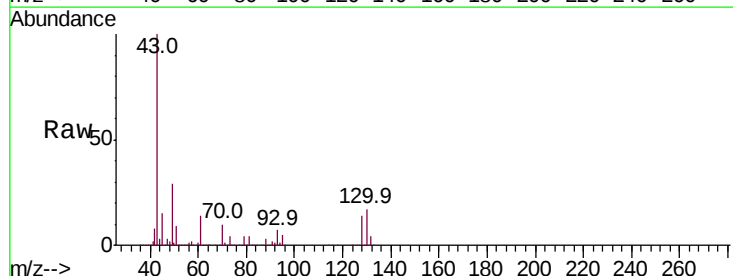
Delta R.T. -0.01 min

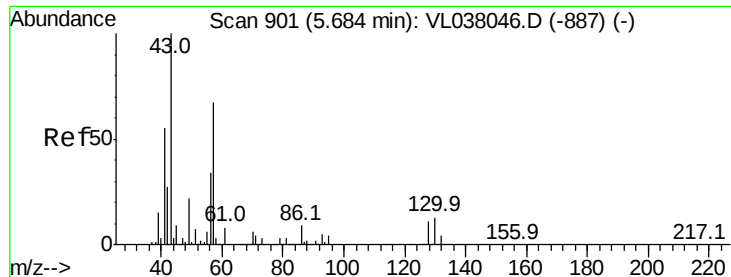
Lab File: VL038106.D

Acq: 23 Nov 2021 19:19

Tgt Ion: 43 Resp: 3420705

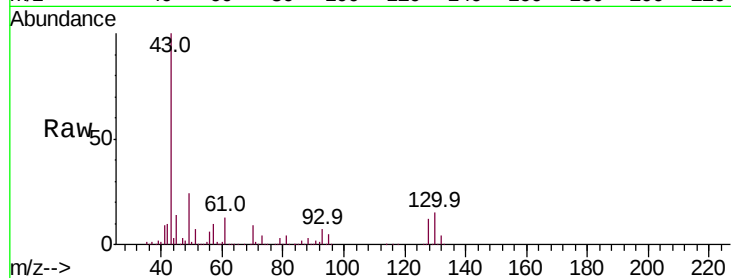
Ion	Ratio	Lower	Upper
43	100		
45	14.5	7.9	11.9#
61	13.4	7.8	11.6#
70	10.1	5.8	8.8#



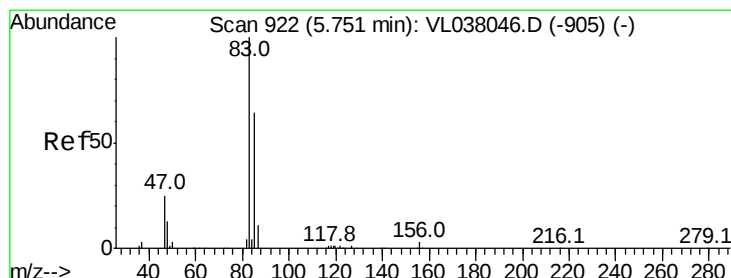
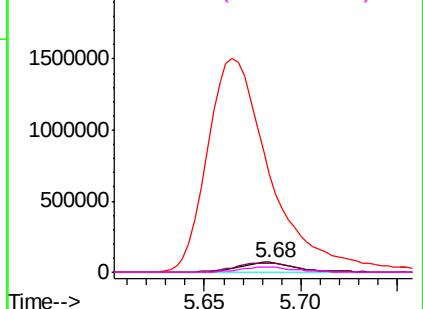
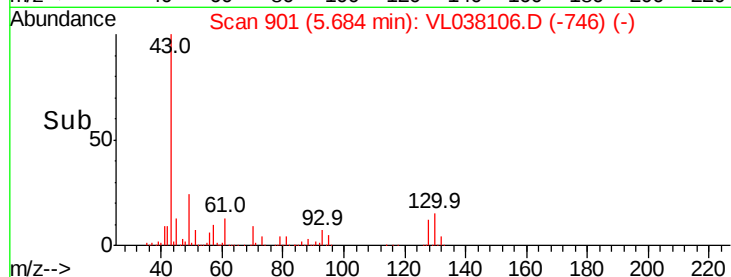


#26
Hexane
Concen: 1.051 ppbv
RT: 5.68
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 23 Nov 2021 19:19

Tot Ion: 57 Resp: 136410
Ion Ratio Lower Upper
57 100
41 112.3 71.4 107.2#
43 2550.5 174.6 261.8#
56 58.3 43.2 64.8

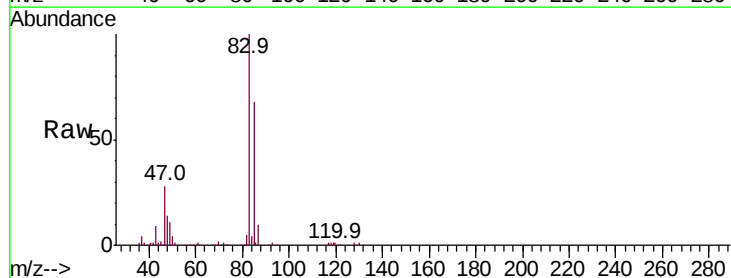


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

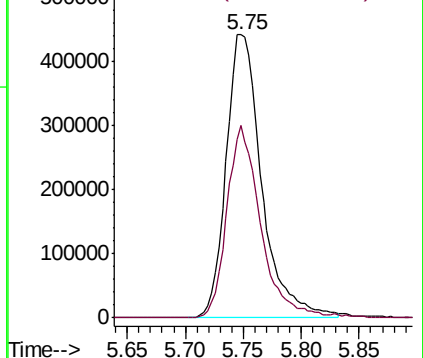
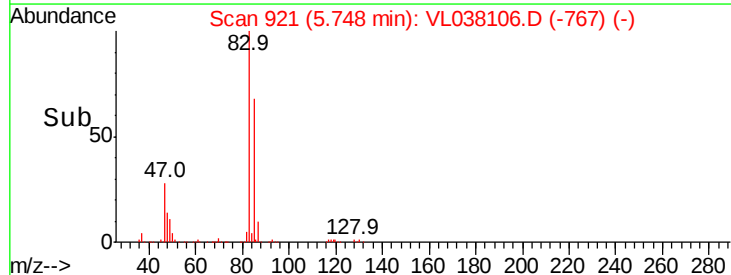


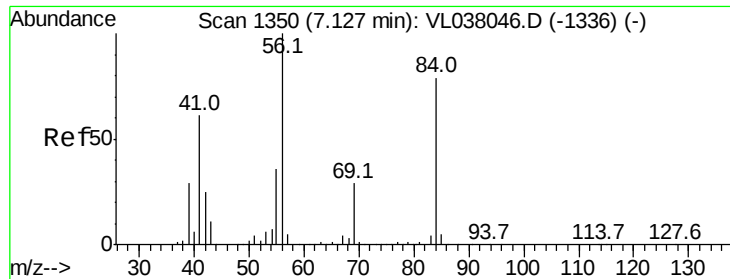
#29
Chloroform
Concen: 4.939 ppbv
RT: 5.75 min Scan# 921
Delta R.T. -0.00 min
Lab File: VL038106.D
Acq: 23 Nov 2021 19:19

Tgt Ion: 83 Resp: 944390
Ion Ratio Lower Upper
83 100
85 67.7 51.0 76.6



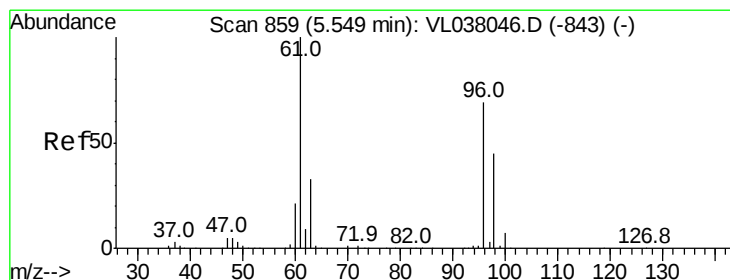
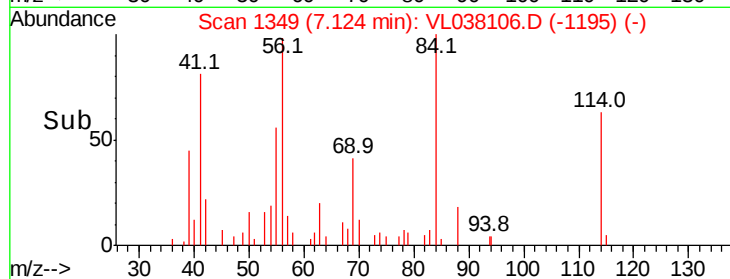
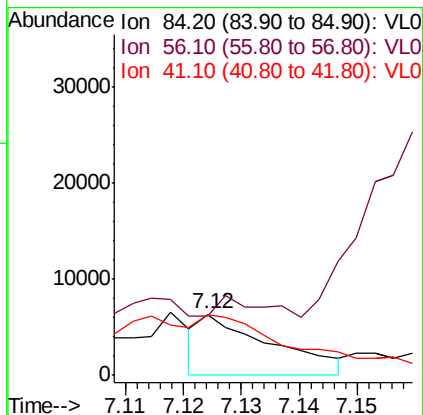
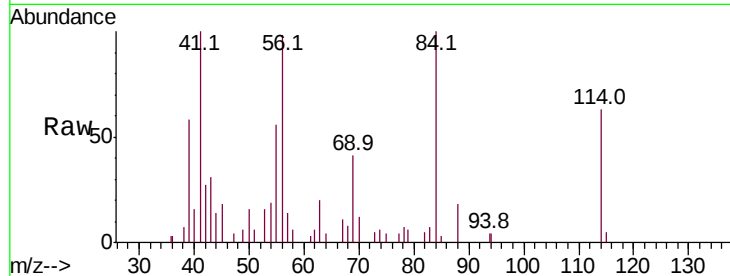
Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0





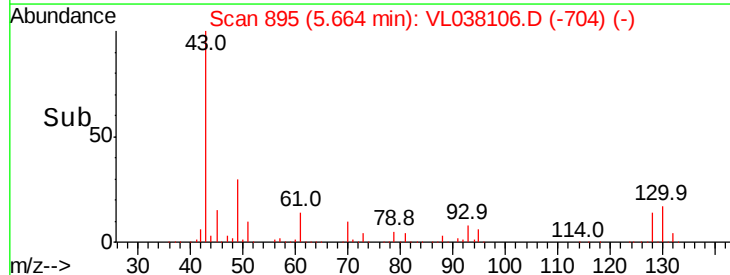
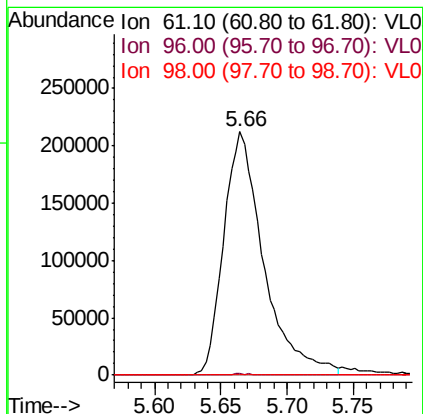
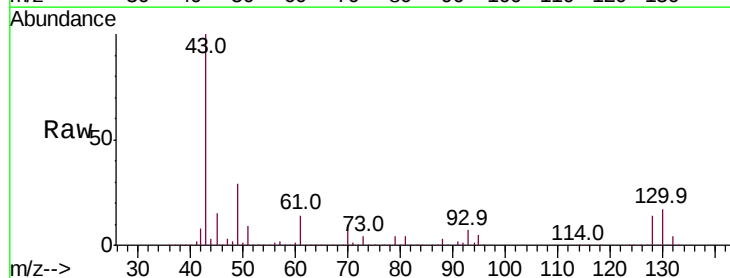
#30
Cvclohexane
Concen: 0.047 ppbv
RT: 7.12 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 23 Nov 2021 19:19

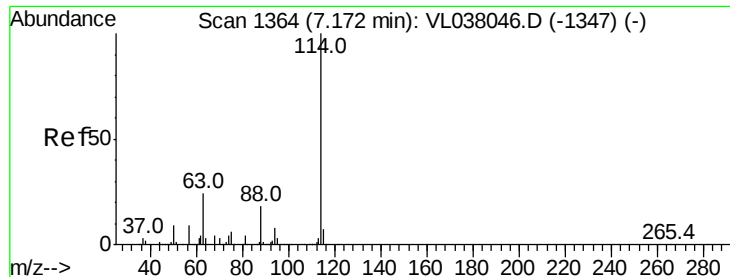
Tot Ion: 84 Resp: 5512
Ion Ratio Lower Upper
84 100
56 0.0 108.1 162.1#
41 284.0 64.4 96.6#



#31
cis-1,2-Dichloroethene
Concen: 3.607 ppbv
RT: 5.66 min Scan# 895
Delta R.T. 0.12 min
Lab File: VL038106.D
Acq: 23 Nov 2021 19:19

Tgt Ion: 61 Resp: 445130
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: 7.17 Instrument: MSVOA_1

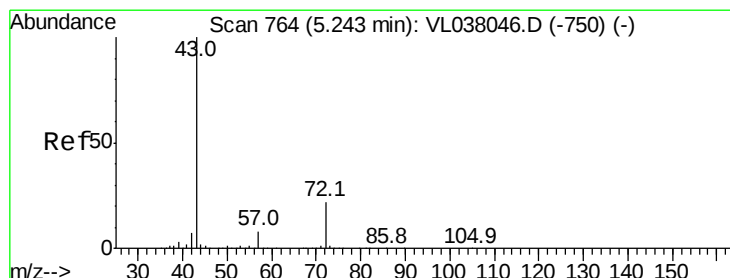
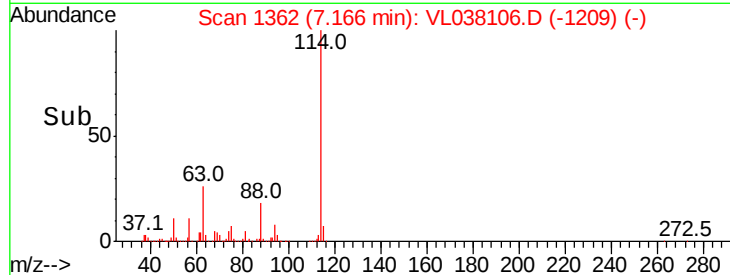
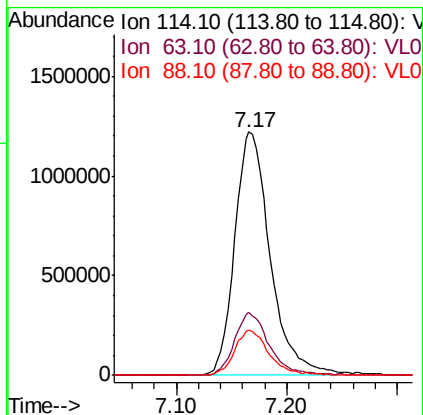
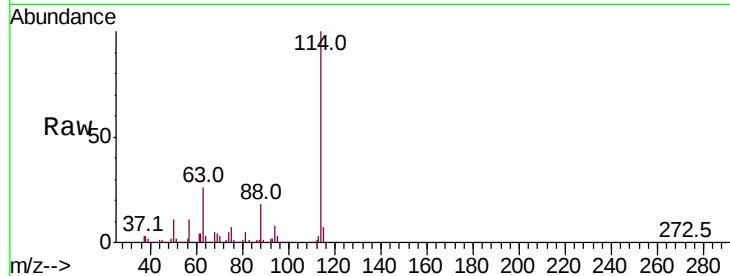
Delta R.T. ClientSampleId:

Lab File: IA-JEWELRY-DESIGN

Acq: 23 Nov 2021 19:19

Tot Ion:114 Resp: 2716318

Ion	Ratio	Lower	Upper
114	100		
63	25.6	19.7	29.5
88	18.4	14.4	21.6



#34

2-Butanone

Concen: 1.126 ppbv

RT: 5.24 min Scan# 763

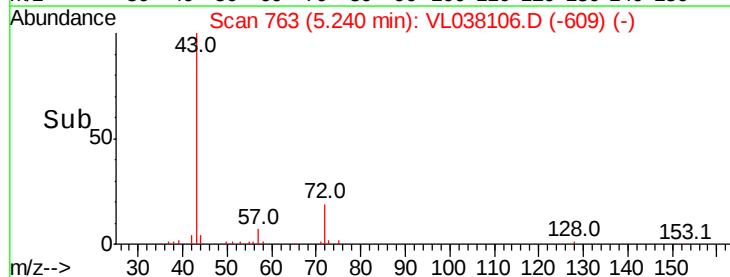
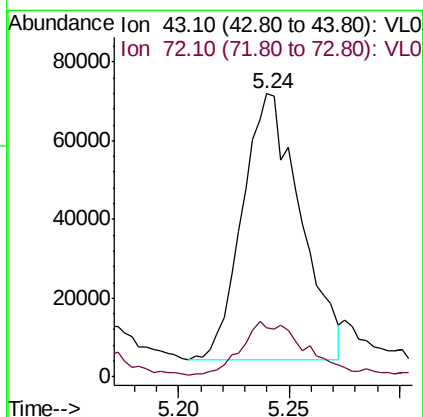
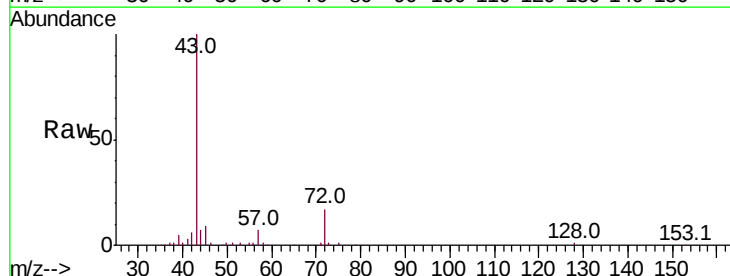
Delta R.T. -0.00 min

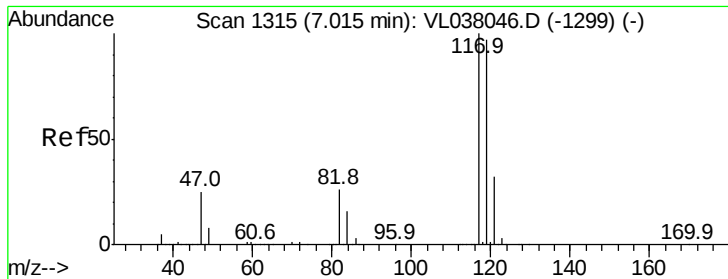
Lab File: VL038106.D

Acq: 23 Nov 2021 19:19

Tgt Ion: 43 Resp: 123318

Ion	Ratio	Lower	Upper
43	100		
72	25.9	18.8	28.2





#35

Carbon Tetrachloride

Concen: 0.039 ppbv

RT: 7.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Nov 2021 19:19

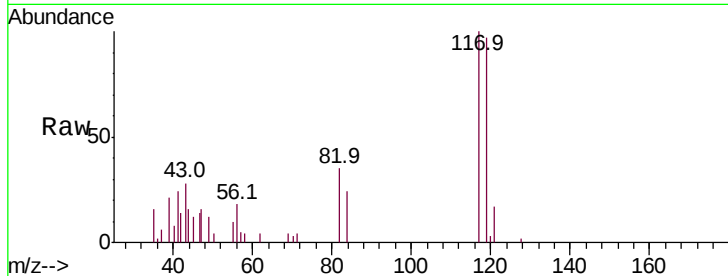
Tot Ion: 117 Resp: 7531

Ion Ratio Lower Upper

117 100

119 97.4 77.7 116.5

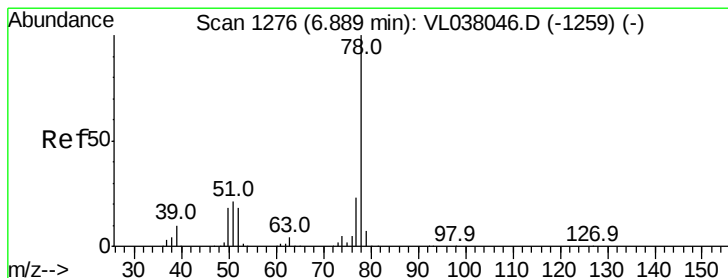
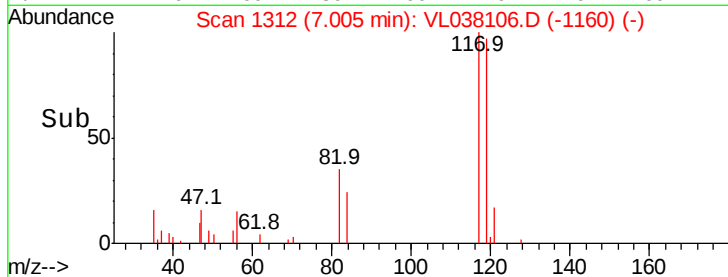
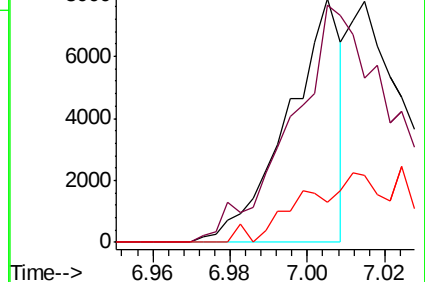
121 16.7 25.6 38.4#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 0.484 ppbv

RT: 6.88 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VL038106.D

Acq: 23 Nov 2021 19:19

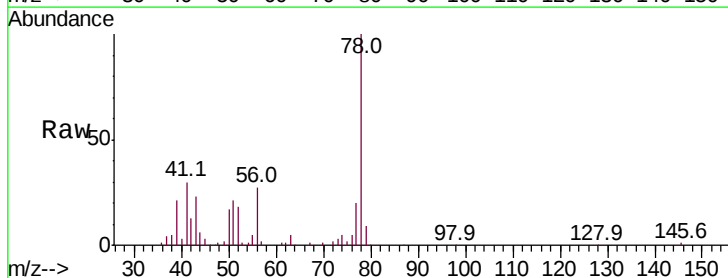
Tgt Ion: 78 Resp: 131203

Ion Ratio Lower Upper

78 100

77 20.1 18.2 27.4

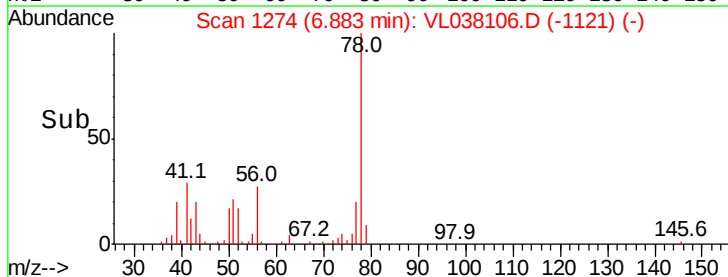
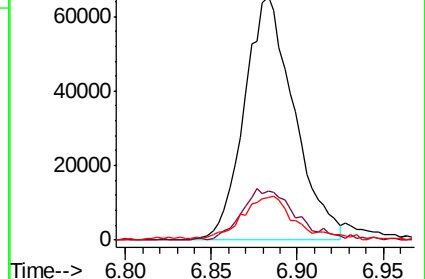
50 16.5 14.7 22.1

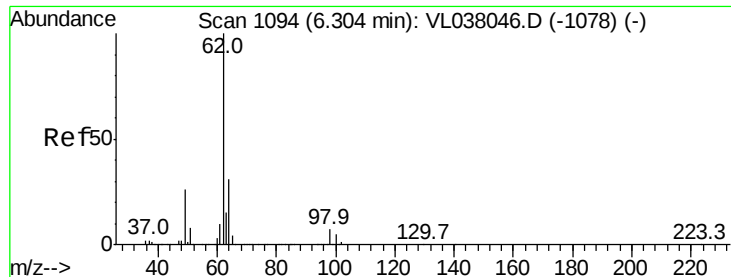


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

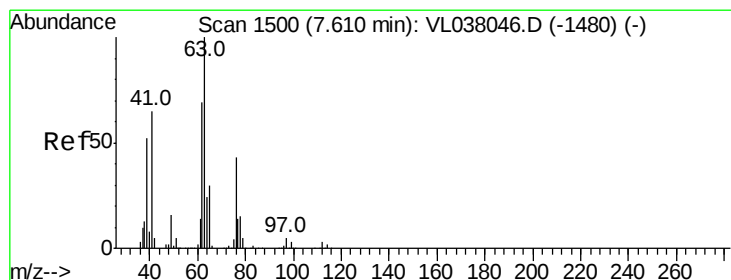
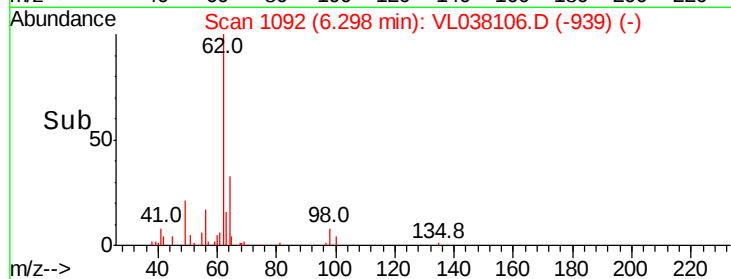
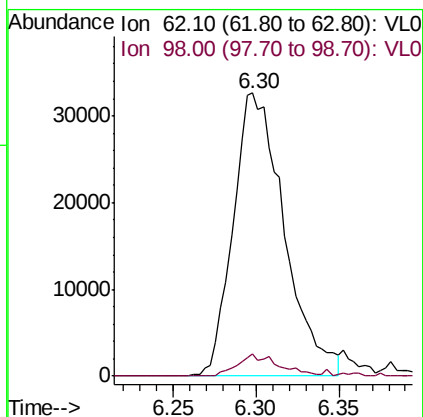
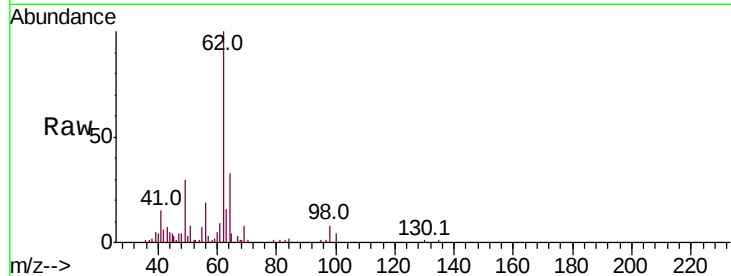
Ion 50.10 (49.80 to 50.80): VL0





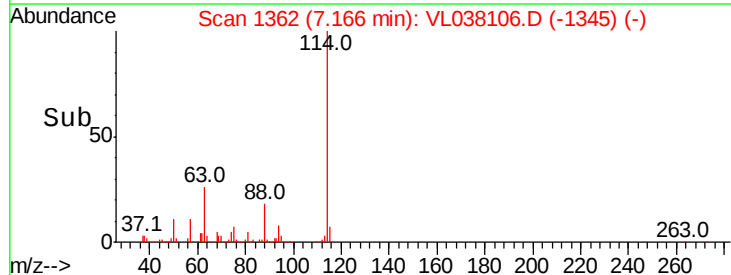
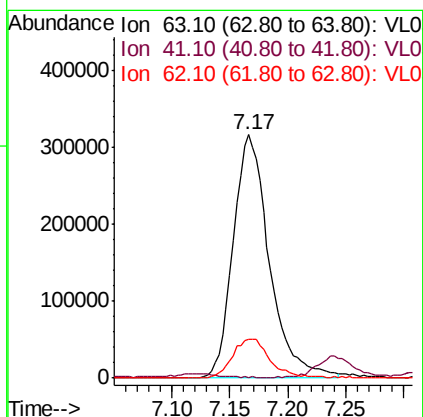
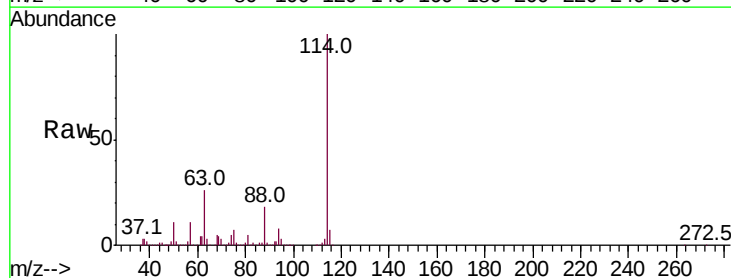
#37
 1,2-Dichloroethane
 Concen: 0.535 ppbv
 RT: 6.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 23 Nov 2021 19:19

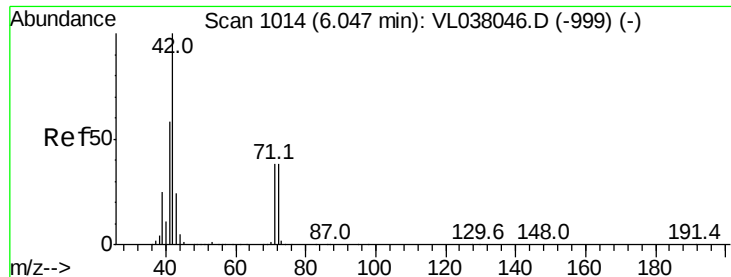
Tot Ion: 62 Resp: 69998
 Ion Ratio Lower Upper
 62 100
 98 6.9 5.8 8.6



#39
 1,2-Dichloropropane
 Concen: 6.575 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.44 min
 Lab File: VL038106.D
 Acq: 23 Nov 2021 19:19

Tgt Ion: 63 Resp: 683394
 Ion Ratio Lower Upper
 63 100
 41 0.0 52.3 78.5#
 62 15.9 55.1 82.7#





#41

Tetrahydrofuran

Concen: 0.097 ppbv

RT: 6.05 Instrument:

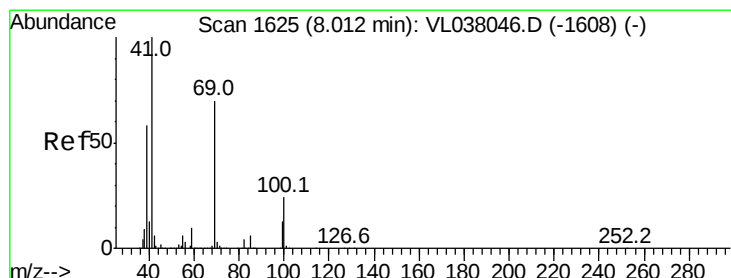
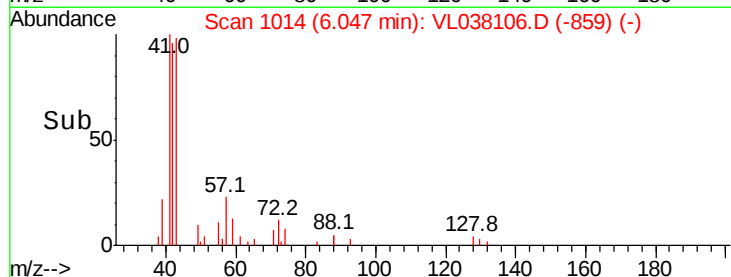
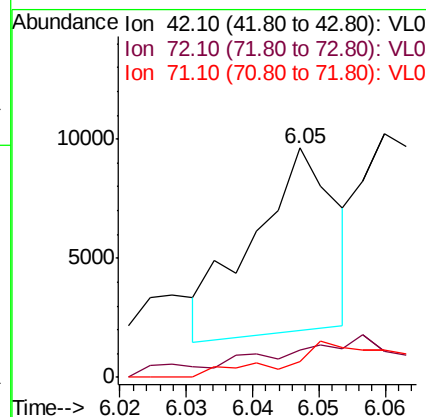
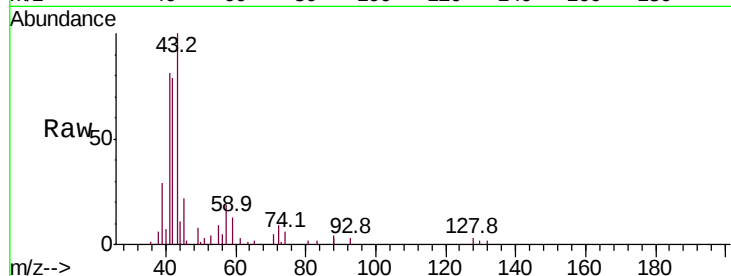
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Nov 2021 19:19

Tot Ion: 42 Resp: 6629

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.7	47.5#
71	30.8	30.6	46.0



#43

Methyl Methacrylate

Concen: 0.039 ppbv

RT: 8.01 min Scan# 1623

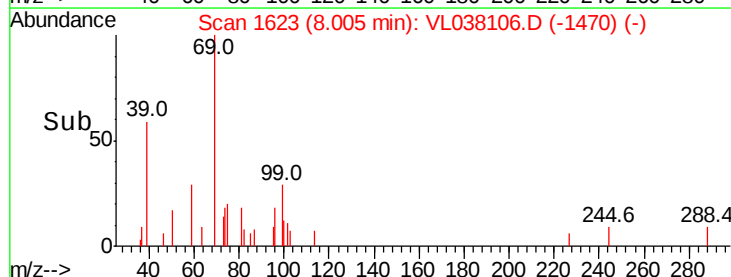
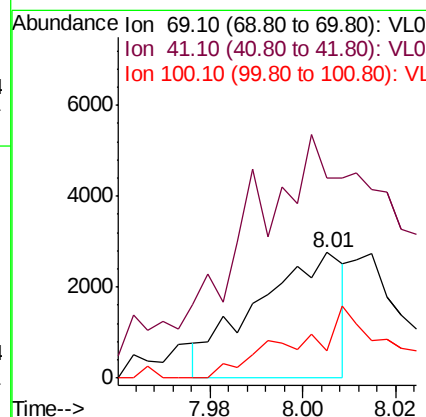
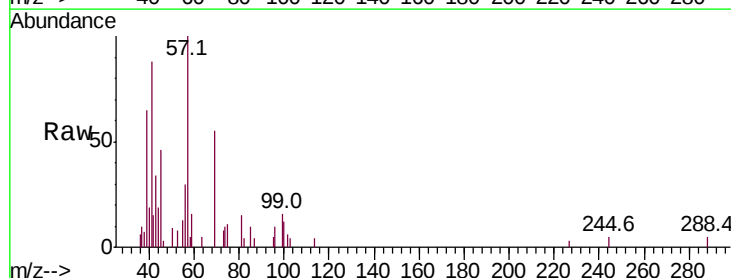
Delta R.T. -0.01 min

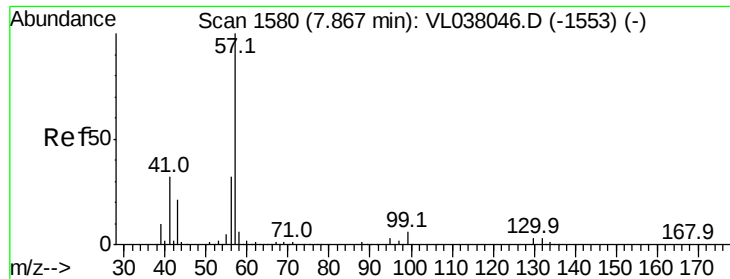
Lab File: VL038106.D

Acq: 23 Nov 2021 19:19

Tgt Ion: 69 Resp: 3592

Ion	Ratio	Lower	Upper
69	100		
41	321.2	116.7	175.1#
100	66.9	27.3	40.9#





#44

2,2,4-Trimethylpentane

Concen: 0.575 ppbv

RT: 7.86 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Nov 2021 19:19

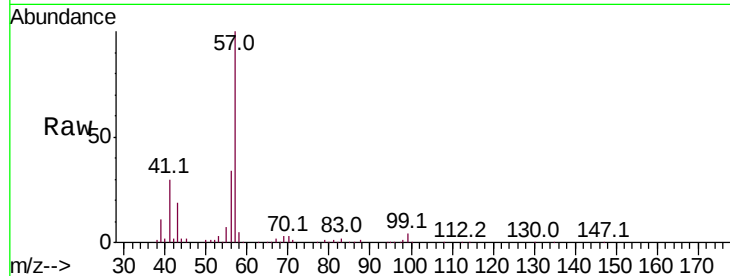
Tot Ion: 57 Resp: 260607

Ion Ratio Lower Upper

57 100

41 35.9 25.8 38.6

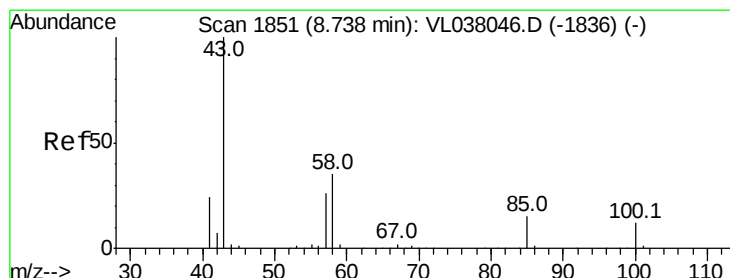
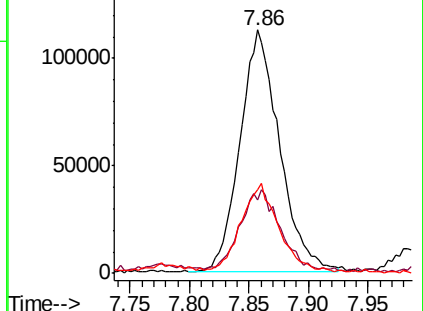
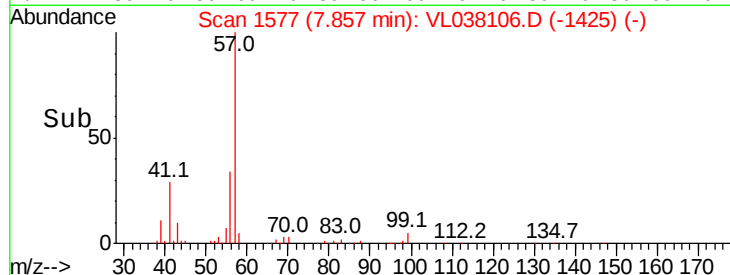
56 37.5 25.6 38.4



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: 0.110 ppbv

RT: 8.73 min Scan# 1848

Delta R.T. -0.01 min

Lab File: VL038106.D

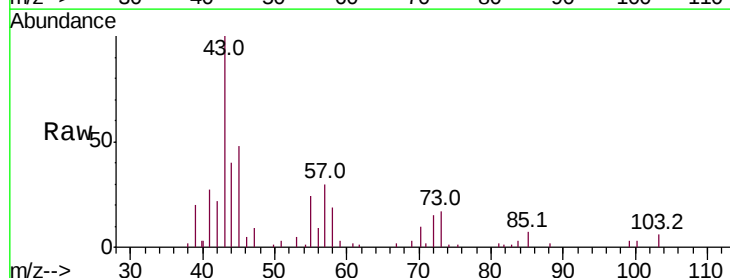
Acq: 23 Nov 2021 19:19

Tgt Ion: 43 Resp: 18379

Ion Ratio Lower Upper

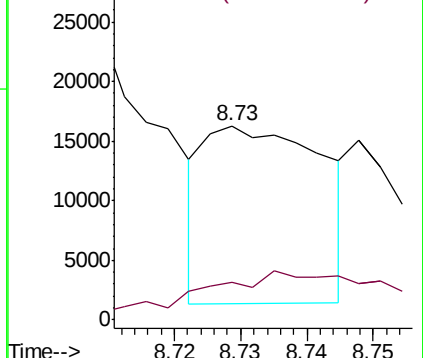
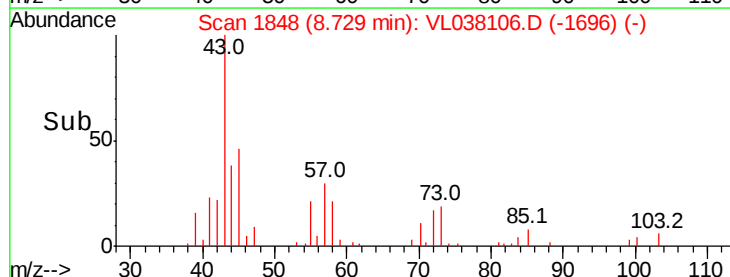
43 100

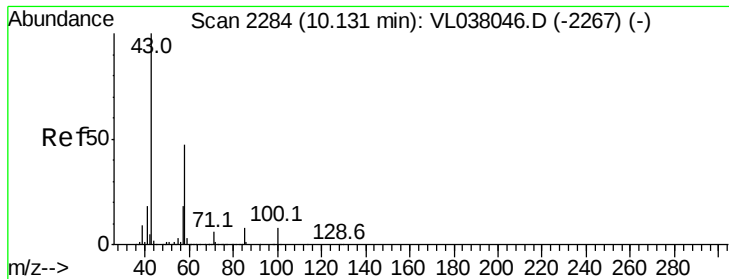
58 66.3 29.4 44.2#



Abundance Ion 43.10 (42.80 to 43.80): VL0

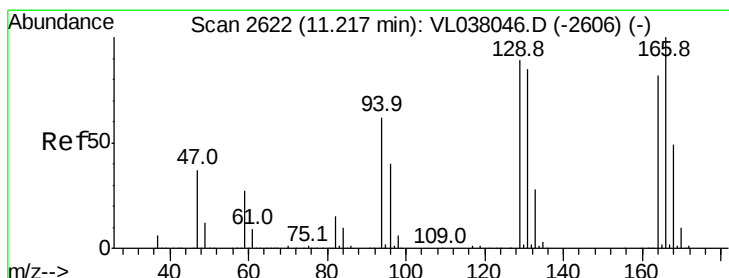
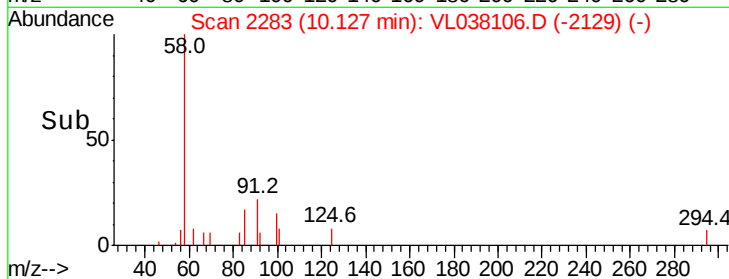
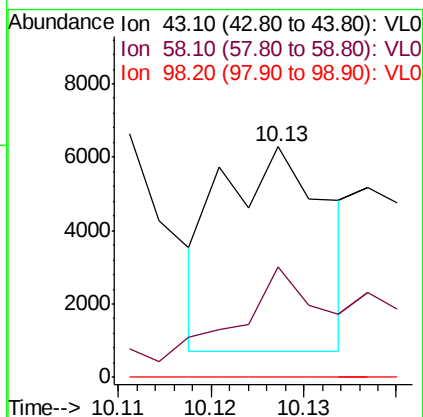
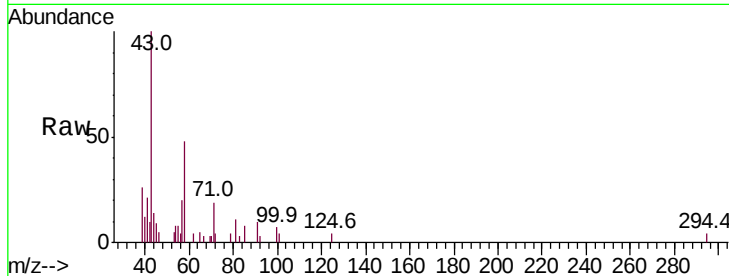
Ion 58.10 (57.80 to 58.80): VL0





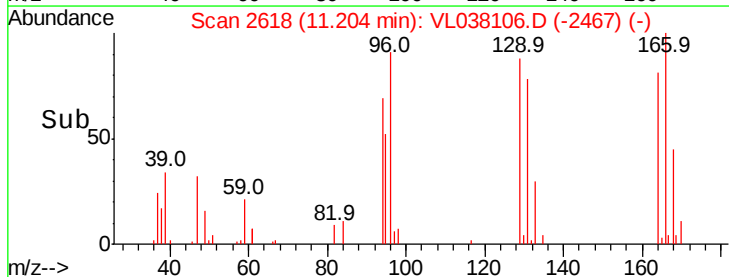
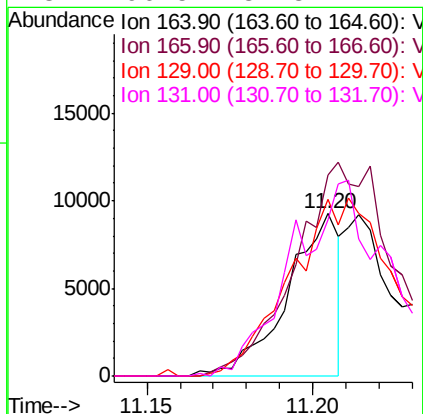
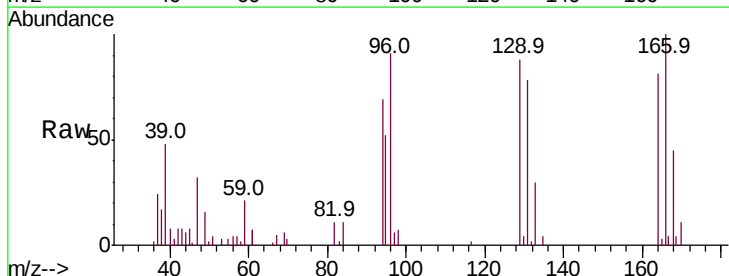
#51
2-Hexanone
Concen: 0.056 ppbv
RT: 10.13 min
Delta R.T. MSVOA_L
Lab File: ClientSampled :
Acq: 23 Nov 2021 19:19

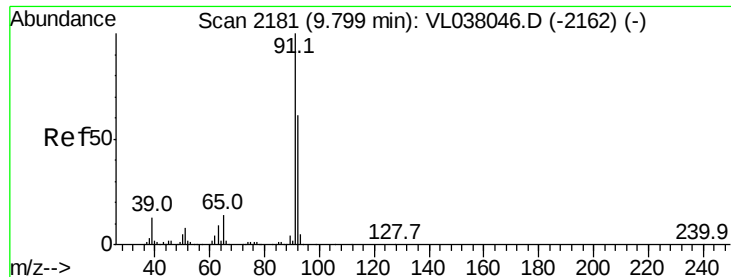
Tot Ion: 43 Resp: 4392
Ion Ratio Lower Upper
43 100
58 170.3 41.1 61.7#
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.101 ppbv
RT: 11.20 min Scan# 2618
Delta R.T. -0.01 min
Lab File: VL038106.D
Acq: 23 Nov 2021 19:19

Tgt Ion: 164 Resp: 10088
Ion Ratio Lower Upper
164 100
166 123.6 97.2 145.8
129 109.4 86.9 130.3
131 96.5 82.8 124.2





#53

Toluene

Concen: 3.147 ppbv

RT: 9.79 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

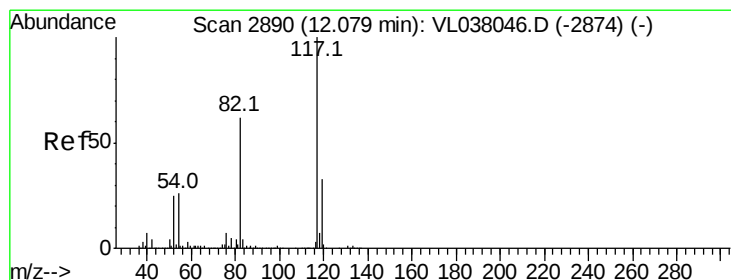
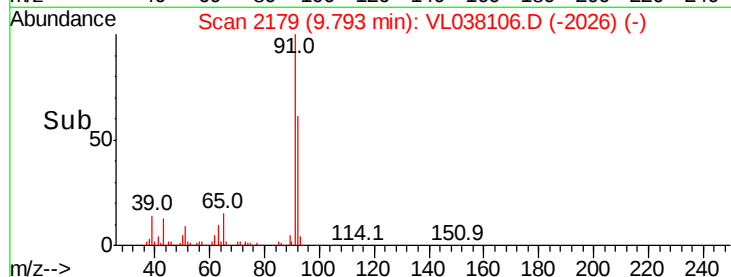
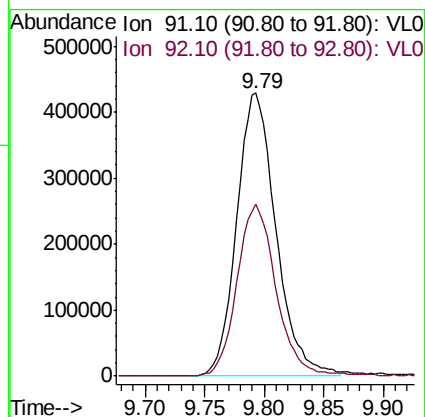
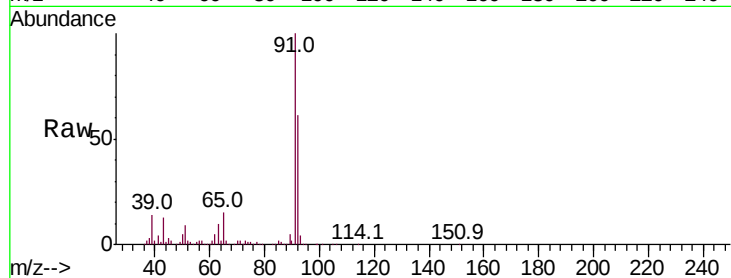
Acq: 23 Nov 2021 19:19

Tot Ion: 91 Resp: 981025

Ion Ratio Lower Upper

91 100

92 61.4 49.7 74.5



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.07 min Scan# 2887

Delta R.T. -0.01 min

Lab File: VL038106.D

Acq: 23 Nov 2021 19:19

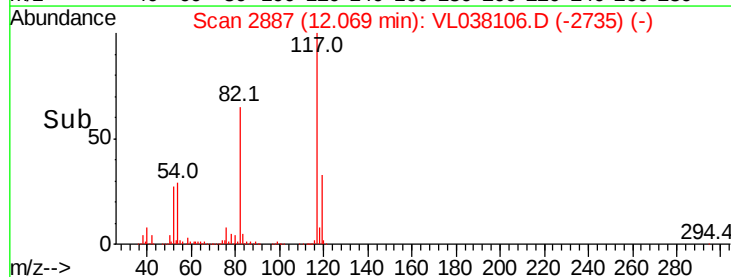
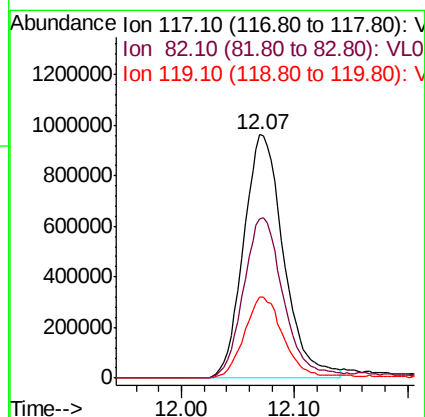
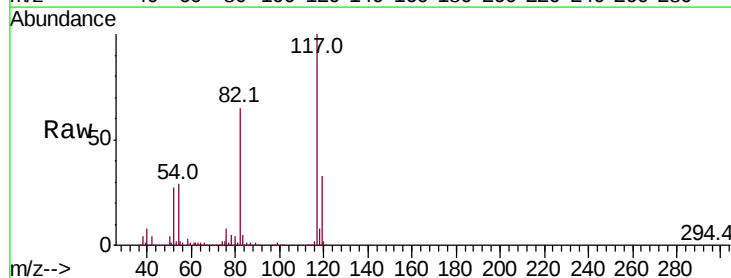
Tgt Ion: 117 Resp: 2371018

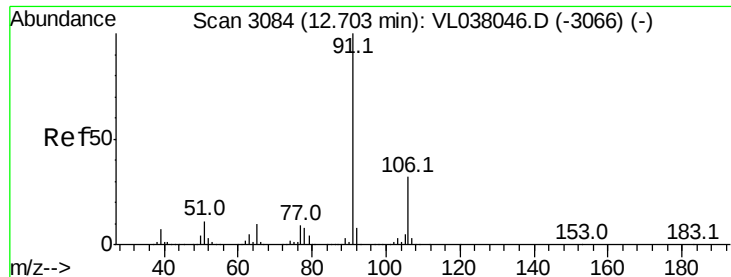
Ion Ratio Lower Upper

117 100

82 69.3 52.8 79.2

119 34.4 26.8 40.2





#58

Ethyl Benzene

Concen: 0.548 ppbv

RT: 12.69 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

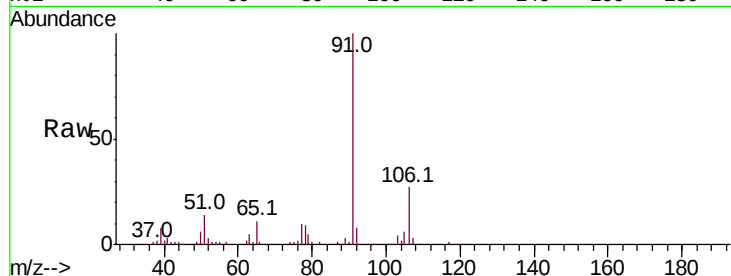
Acq: 23 Nov 2021 19:19

Tot Ion: 91 Resp: 214859

Ion Ratio Lower Upper

91 100

106 27.3 25.8 38.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

12.69

80000

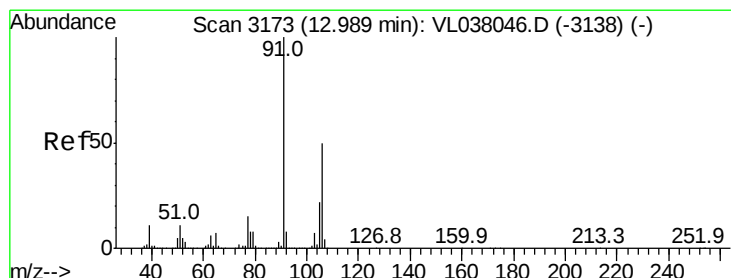
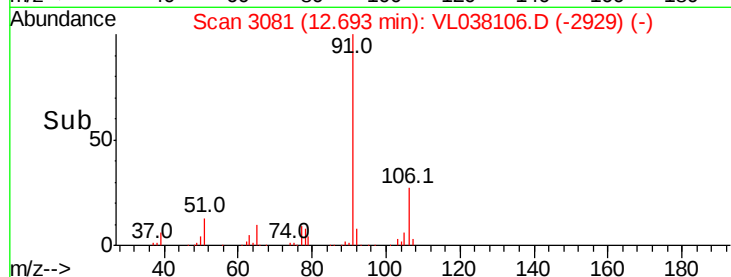
60000

40000

20000

0

Time--> 12.60 12.65 12.70 12.75



#59

m/p-Xylene

Concen: 1.085 ppbv

RT: 12.95 min Scan# 3162

Delta R.T. -0.04 min

Lab File: VL038106.D

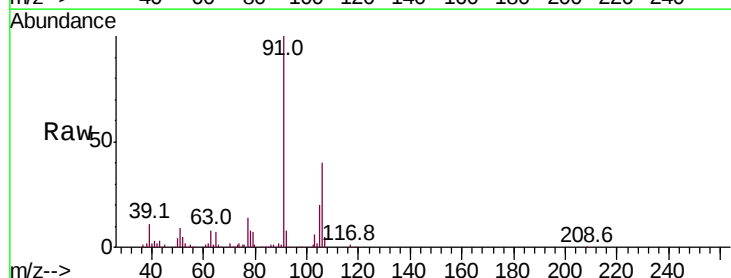
Acq: 23 Nov 2021 19:19

Tgt Ion: 91 Resp: 358076

Ion Ratio Lower Upper

91 100

106 48.0 38.1 57.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

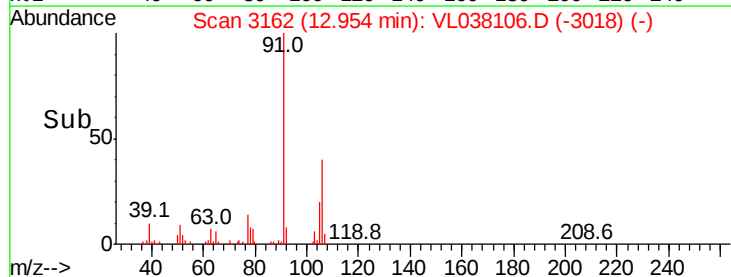
12.95

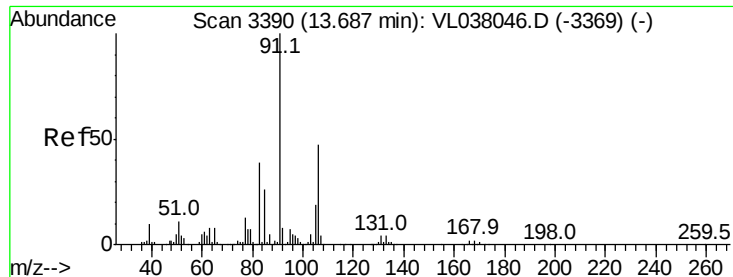
100000

50000

0

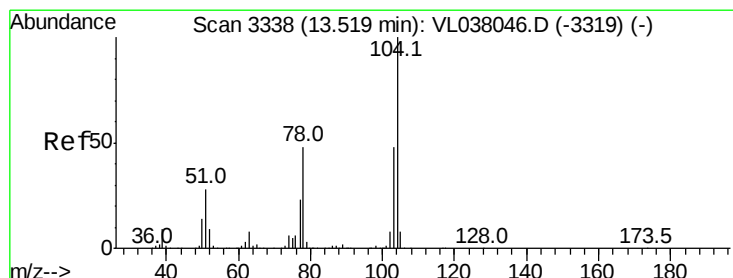
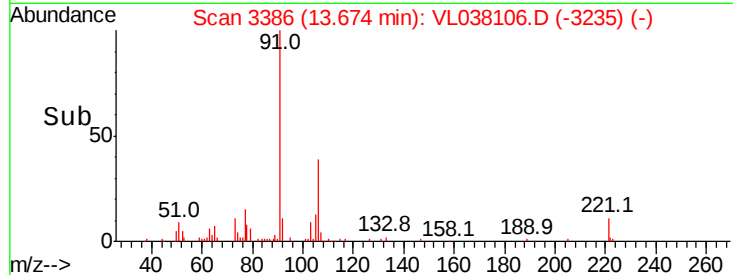
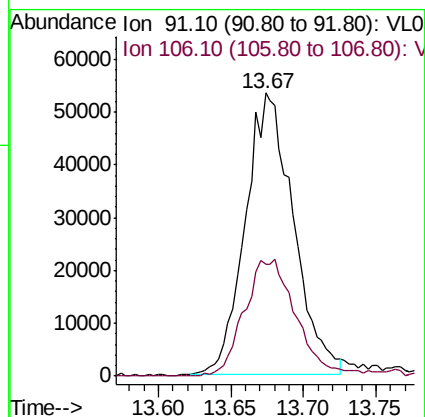
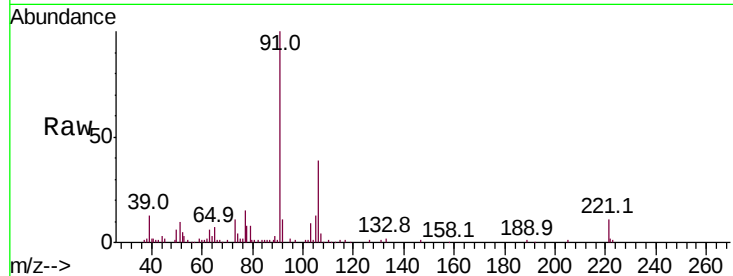
Time--> 12.90 13.00





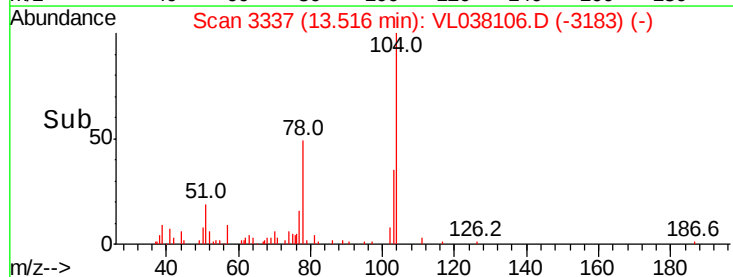
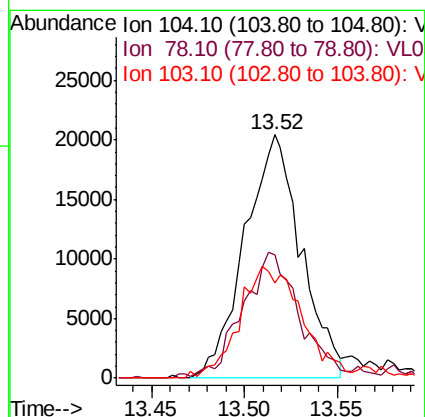
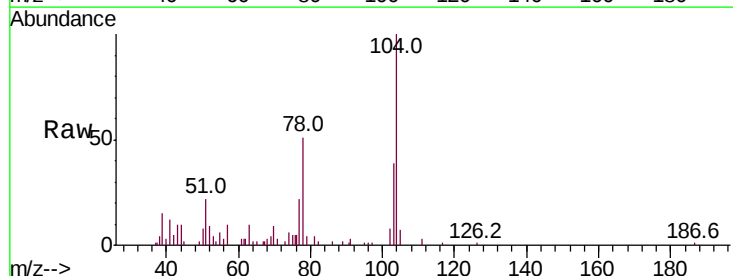
#60
o-Xylene
Concen: 0.403 ppbv
RT: 13.67 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 23 Nov 2021 19:19

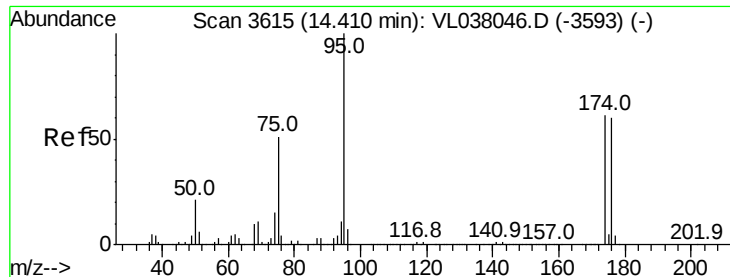
Tot Ion: 91 Resp: 123470
Ion Ratio Lower Upper
91 100
106 45.0 24.2 72.6



#61
Styrene
Concen: 0.263 ppbv
RT: 13.52 min Scan# 3337
Delta R.T. -0.00 min
Lab File: VL038106.D
Acq: 23 Nov 2021 19:19

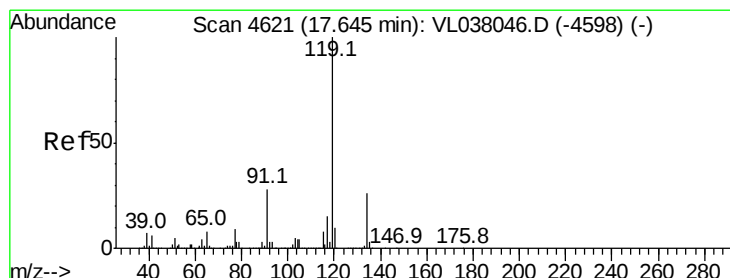
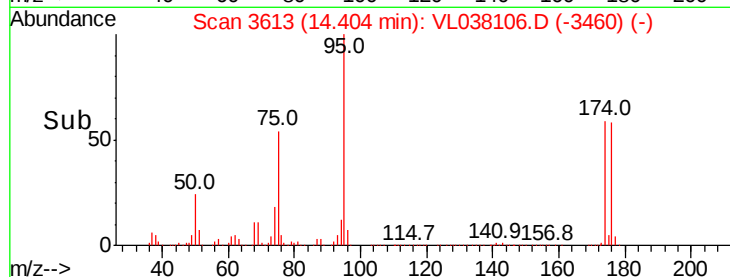
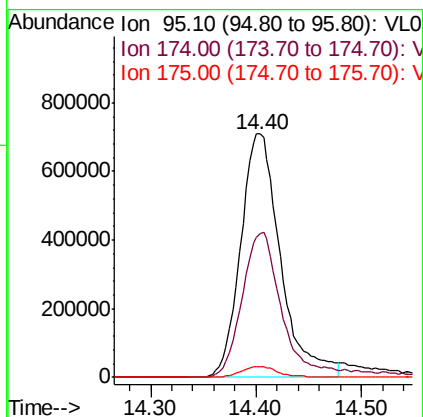
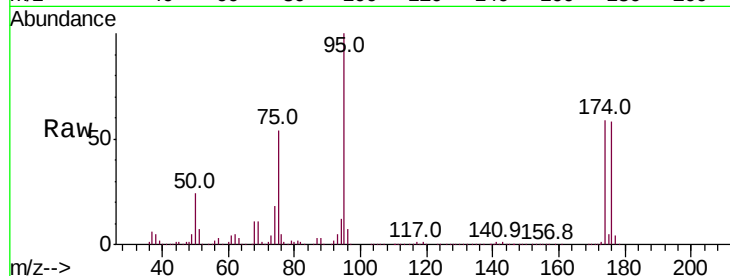
Tgt Ion: 104 Resp: 43190
Ion Ratio Lower Upper
104 100
78 56.7 39.8 59.6
103 54.4 38.2 57.2





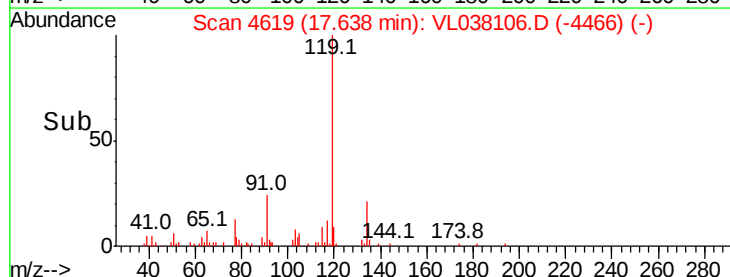
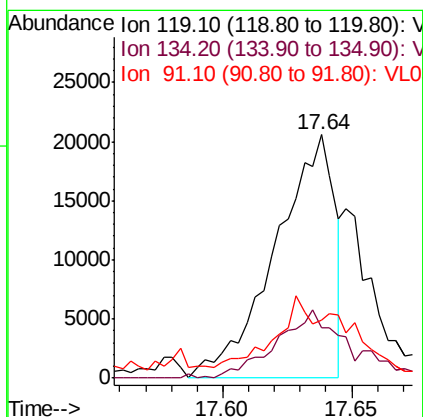
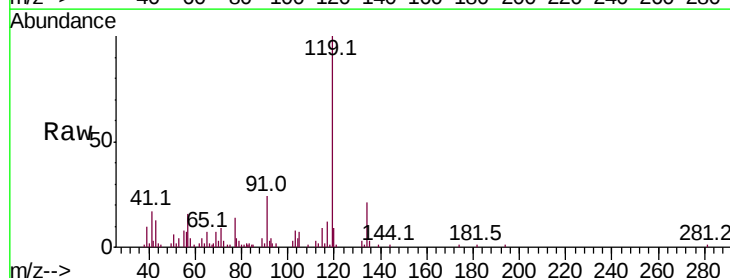
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.936 ppbv
 RT: 14.40
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 23 Nov 2021 19:19

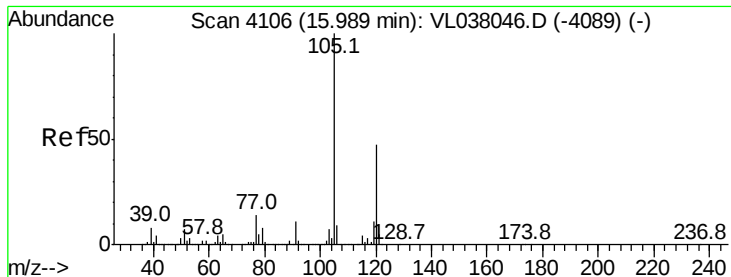
Tot Ion: 95 Resp: 1870309
 Ion Ratio Lower Upper
 95 100
 174 62.6 53.1 79.7
 175 4.4 4.0 6.0



#69
 p-Isopropyltoluene
 Concen: 0.079 ppbv
 RT: 17.64 min Scan# 4619
 Delta R.T. -0.01 min
 Lab File: VL038106.D
 Acq: 23 Nov 2021 19:19

Tgt Ion: 119 Resp: 32833
 Ion Ratio Lower Upper
 119 100
 134 35.8 20.6 30.8#
 91 0.0 22.2 33.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.040 ppbv

RT: 15.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

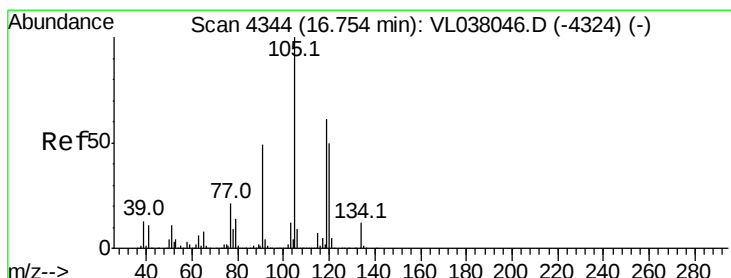
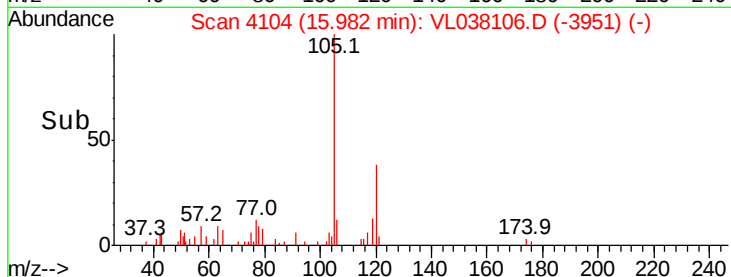
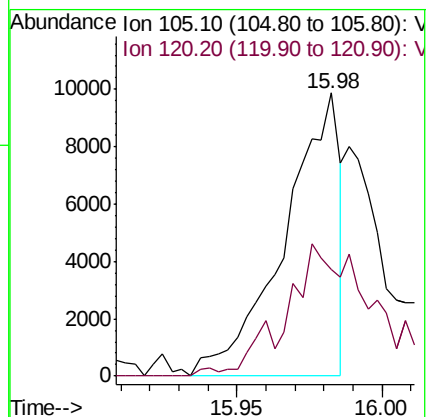
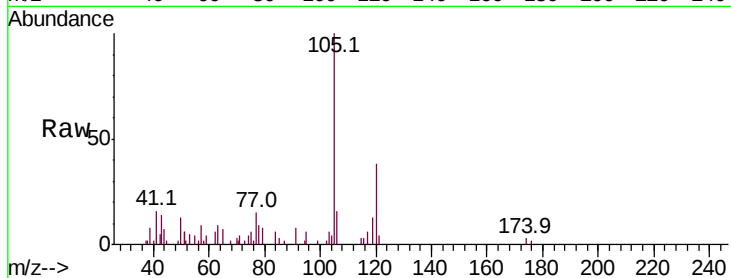
Acq: 23 Nov 2021 19:19

Tot Ion:105 Resp: 13056

Ion Ratio Lower Upper

105 100

120 39.9 37.8 56.6



#74

1,2,4-Trimethylbenzene

Concen: 0.192 ppbv

RT: 16.74 min Scan# 4340

Delta R.T. -0.01 min

Lab File: VL038106.D

Acq: 23 Nov 2021 19:19

Tgt Ion:105 Resp: 64256

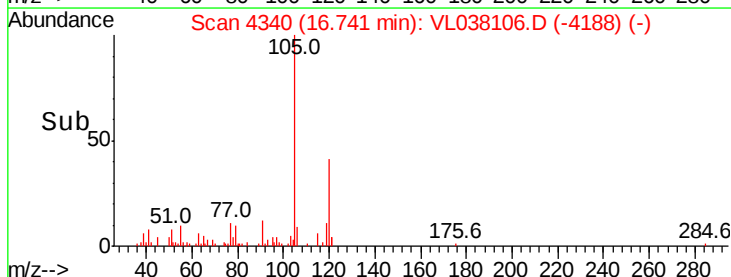
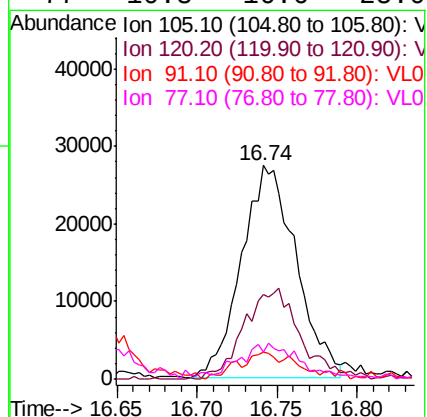
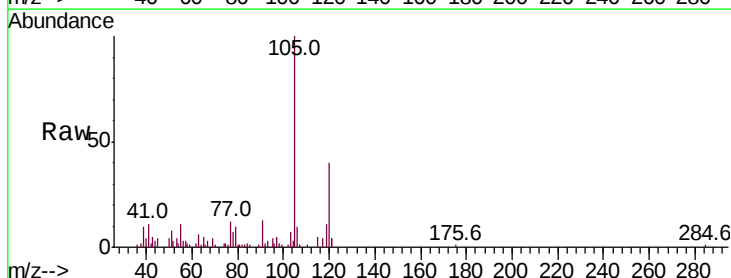
Ion Ratio Lower Upper

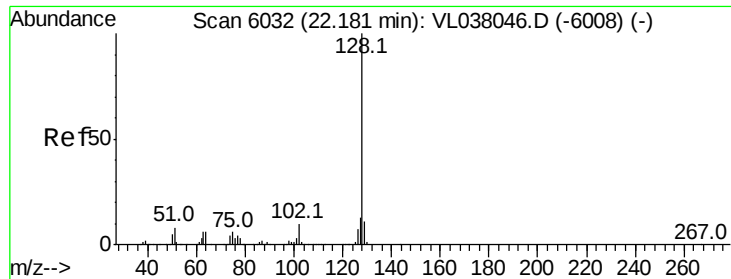
105 100

120 42.9 40.1 60.1

91 11.0 39.8 59.8#

77 10.8 16.6 25.0#





#79

Naphthalene

Concen: 0.046 ppbv

RT: 22.17 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Nov 2021 19:19

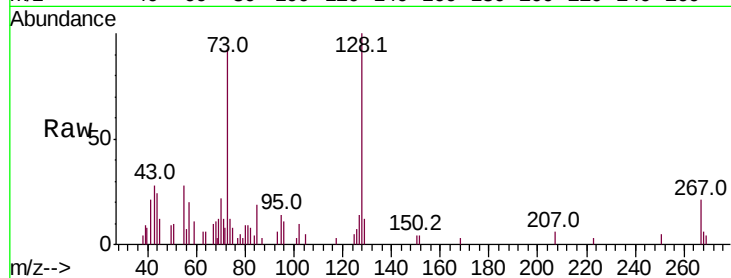
Tot Ion:128 Resp: 8020

Ion Ratio Lower Upper

128 100

127 16.2 10.4 15.6#

129 7.6 8.9 13.3#



Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V

