

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112321\
 Data File : VL038122.D
 Acq On : 24 Nov 2021 6:00
 Operator : SY/AP
 Sample : M4805-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-CURATED-HOME

Quant Time: Nov 26 04:19:01 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	867123	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2457425	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	2184340	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1806818	11.47	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	114.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	27899	0.195	ppbv	94
3) Chlorodifluoromethane	2.96	51	4546725	24.968	ppbv #	61
4) Chloromethane	3.14	50	35725	0.576	ppbv #	85
9) Propene	3.01	41	205423	3.063	ppbv #	80
10) Heptane	8.10	43	135753	0.819	ppbv	98
11) Trichlorofluoromethane	3.94	101	240663	1.767	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.47	101	4739	0.049	ppbv #	44
13) Ethanol	3.60	45	1396373	215.459	ppbv	90
15) Acetone	3.83	43	4290082	57.063	ppbv	99
16) 1,3-Butadiene	3.35	39	140555	2.396	ppbv #	32
17) tert-Butyl alcohol	4.29	59	224348	2.460	ppbv	99
19) Isopropyl Alcohol	3.96	45	5956351	109.651	ppbv	100
20) Methylene Chloride	4.34	84	91424	2.171	ppbv	98
21) Allyl Chloride	4.29	41	58438	0.840	ppbv #	65
23) Vinyl Acetate	5.04	43	35008	0.322	ppbv #	1
25) Ethyl Acetate	5.66	43	316332	1.266	ppbv #	97
26) Hexane	5.67	57	134886	1.120	ppbv	85
27) Carbon Disulfide	4.55	76	9226	0.086	ppbv #	11
29) Chloroform	5.73	83	35253	0.199	ppbv	100
30) Cyclohexane	7.10	84	8748	0.080	ppbv #	1
34) 2-Butanone	5.23	43	207125	2.090	ppbv	96
35) Carbon Tetrachloride	7.01	117	6727	0.039	ppbv #	74
36) Benzene	6.87	78	236039	0.963	ppbv	97
37) 1,2-Dichloroethane	6.29	62	17057	0.144	ppbv #	95
38) Trichloroethene	7.81	130	4544	0.049	ppbv #	75
39) 1,2-Dichloropropane	7.15	63	621199	6.606	ppbv #	28
40) 1,4-Dioxane	7.82	88	13053	0.533	ppbv #	1
41) Tetrahydrofuran	6.03	42	50183	0.816	ppbv #	36
43) Methyl Methacrylate	7.99	69	3621	0.043	ppbv #	1
50) 4-Methyl-2-Pentanone	8.72	43	6802	0.045	ppbv #	38
51) 2-Hexanone	10.03	43	7480	0.106	ppbv #	27
52) Tetrachloroethene	11.20	164	3428319	37.797	ppbv	98
53) Toluene	9.78	91	612520	2.172	ppbv	98
58) Ethyl Benzene	12.68	91	307206	0.851	ppbv	94
59) m/p-Xylene	12.96	91	44417	0.146	ppbv #	29
60) o-Xylene	13.66	91	84340	0.299	ppbv	99
61) Styrene	13.50	104	2494951	16.506	ppbv	93
62) Isopropylbenzene	14.64	105	768655	1.921	ppbv	95
64) n-propylbenzene	15.53	120	10042	0.098	ppbv #	26
66) Benzyl Chloride	16.90	91	1006	0.056	ppbv #	1
69) p-Isopropyltoluene	17.62	119	45195	0.118	ppbv #	57

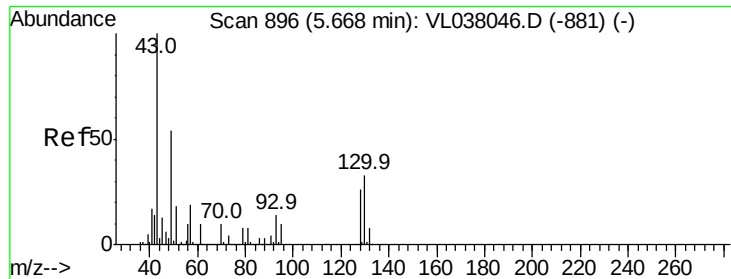
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112321\
Data File : VL038122.D
Acq On : 24 Nov 2021 6:00
Operator : SY/AP
Sample : M4805-04
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG-CURATED-HOME

Quant Time: Nov 26 04:19:01 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)
71) 2-Chlorotoluene	15.29	91	367808	1.257	ppbv #	43
72) 4-Ethyltoluene	15.81	105	23311	0.071	ppbv #	54
73) 1,3,5-Trimethylbenzene	15.97	105	25923	0.087	ppbv	99
74) 1,2,4-Trimethylbenzene	16.73	105	161941	0.526	ppbv #	69
80) Naphthalene,2-methyl-	24.95	142	3474	0.100	ppbv #	89

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 24 Nov 2021 8:00 SG-CURATED-HOME

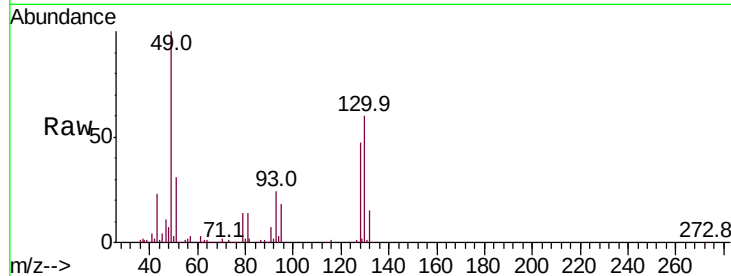
Tot Ion: 49 Resp: 867123

Ion Ratio Lower Upper

49 100

128 47.8 26.5 79.5

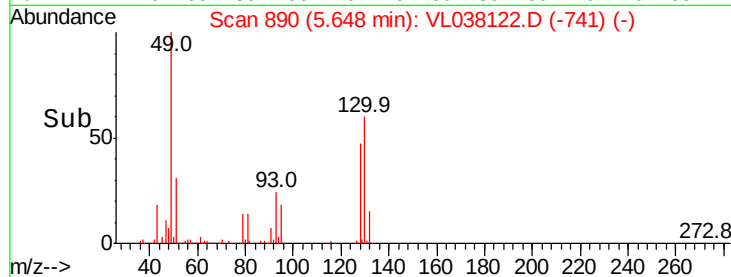
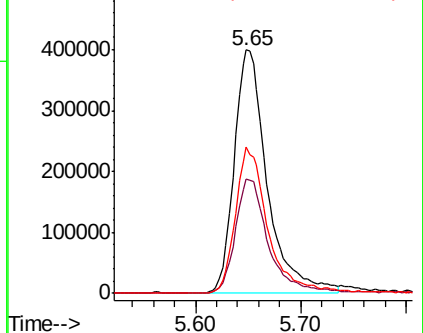
130 59.8 32.5 97.4



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: 0.195 ppbv

RT: 3.04 min Scan# 79

Delta R.T. -0.01 min

Lab File: VL038122.D

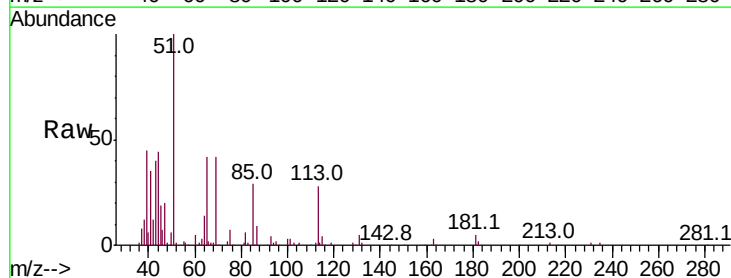
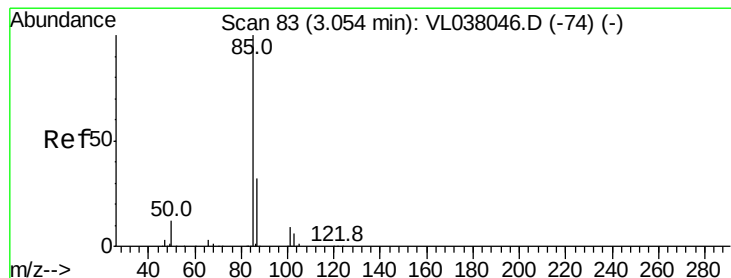
Acq: 24 Nov 2021 6:00

Tgt Ion: 85 Resp: 27899

Ion Ratio Lower Upper

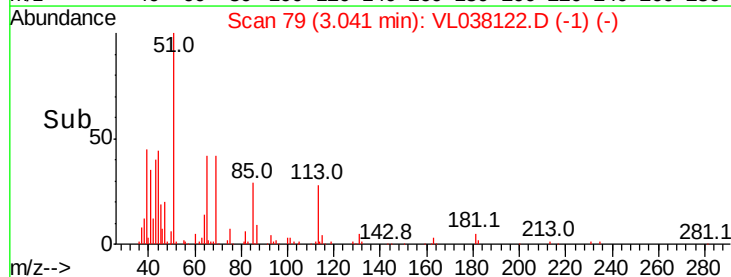
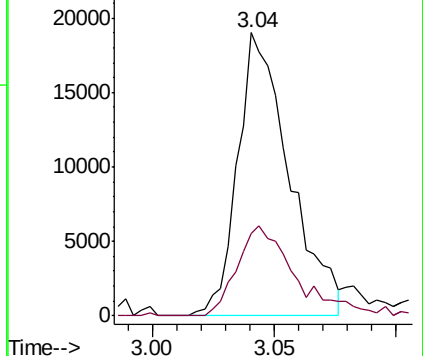
85 100

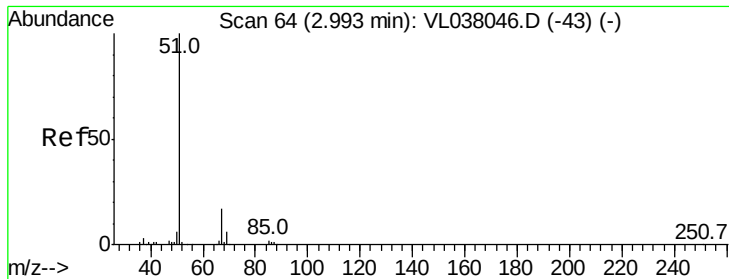
87 29.1 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 24.968 ppbv

RT: 2.96 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

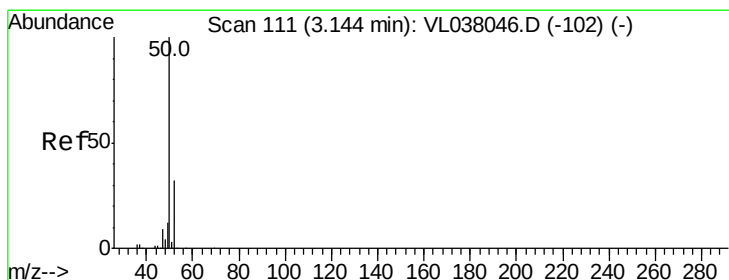
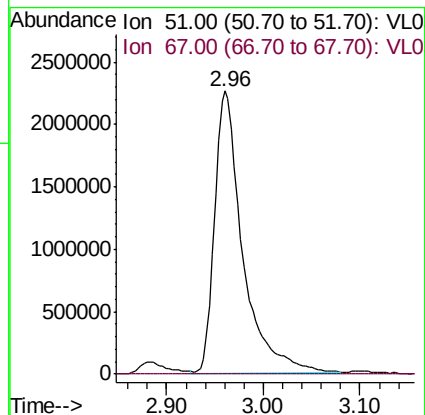
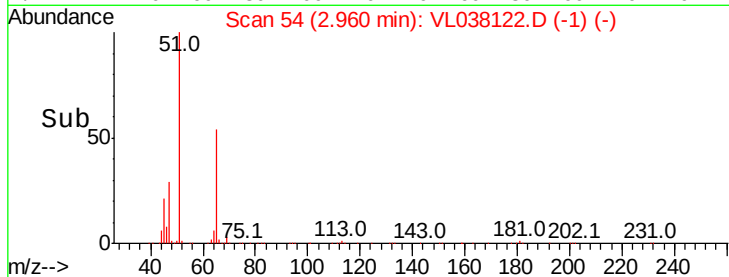
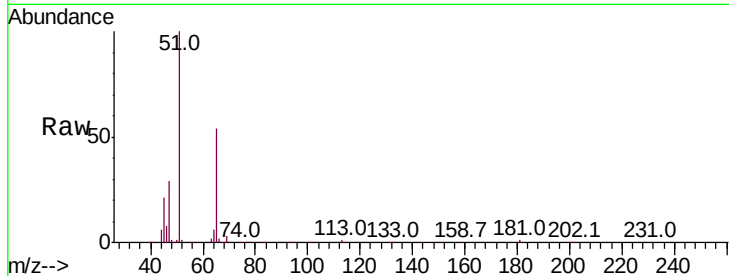
Acq: 24 Nov 2021 8:00 SG-CURATED-HOME

Tot Ion: 51 Resp: 4546725

Ion Ratio Lower Upper

51 100

67 0.2 13.8 20.8#



#4

Chloromethane

Concen: 0.576 ppbv

RT: 3.14 min Scan# 109

Delta R.T. -0.01 min

Lab File: VL038122.D

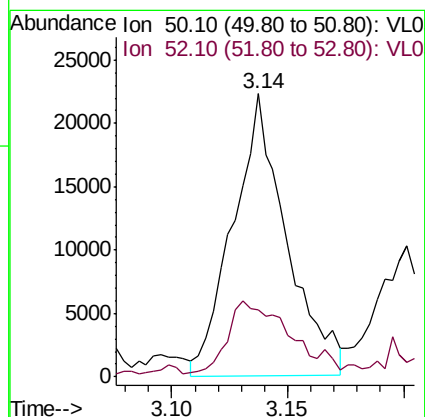
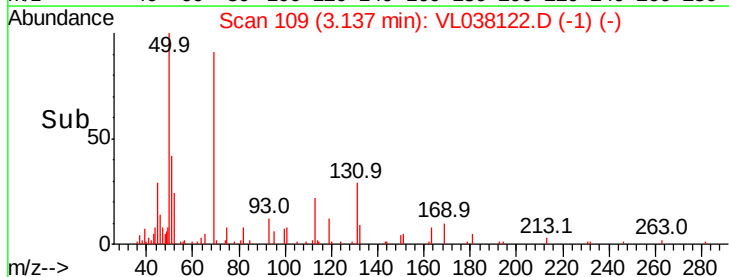
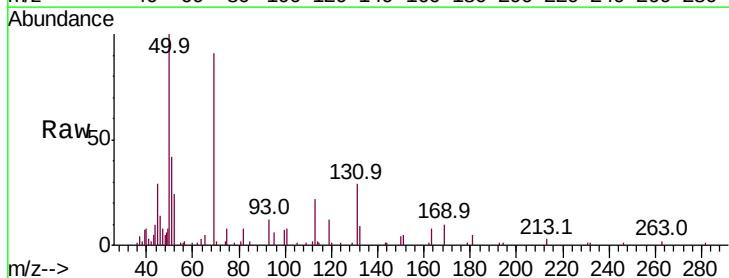
Acq: 24 Nov 2021 6:00

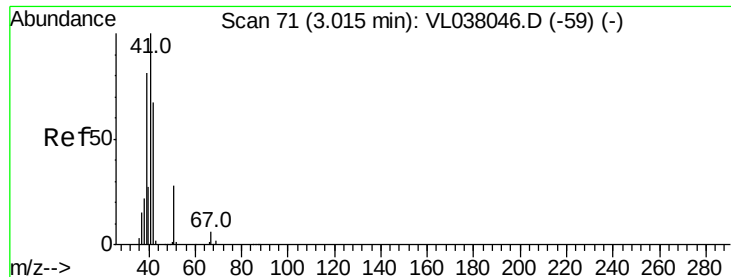
Tgt Ion: 50 Resp: 35725

Ion Ratio Lower Upper

50 100

52 23.5 25.4 38.0#





#9

Propene

Concen: 3.063 ppbv

RT: 3.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

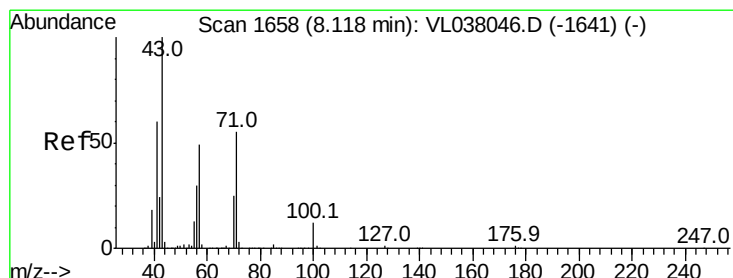
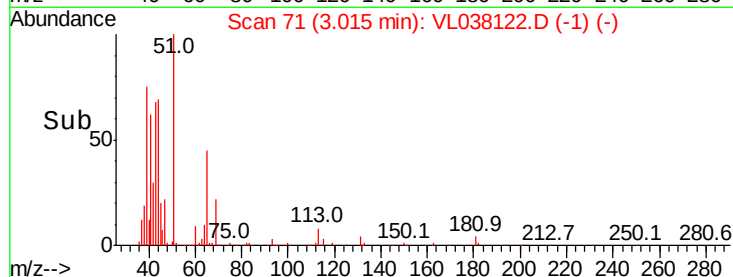
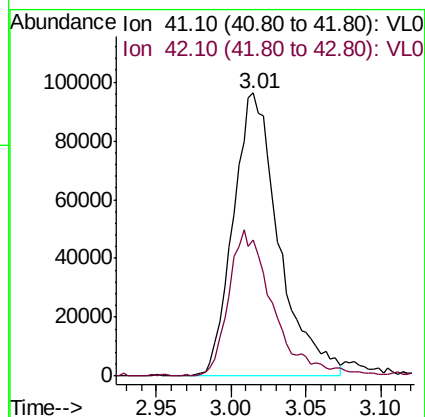
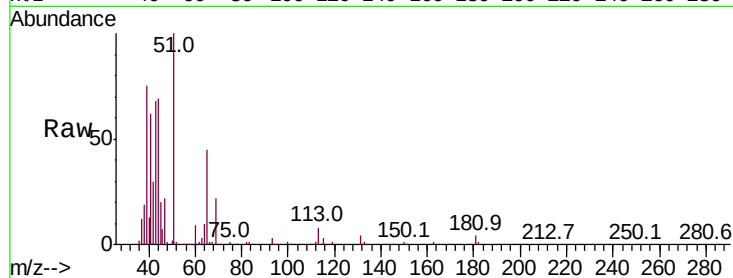
Acq: 24 Nov 2021 8:00

Tot Ion: 41 Resp: 205423

Ion Ratio Lower Upper

41 100

42 50.9 53.8 80.8#



#10

Heptane

Concen: 0.819 ppbv

RT: 8.10 min Scan# 1652

Delta R.T. -0.02 min

Lab File: VL038122.D

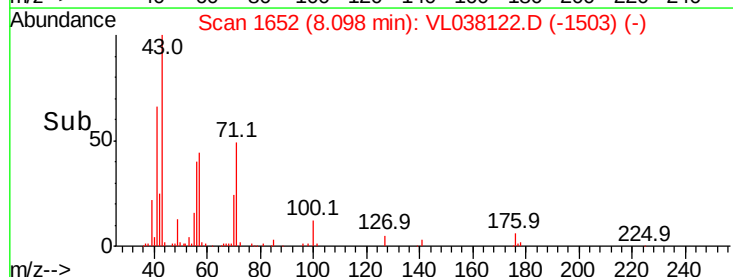
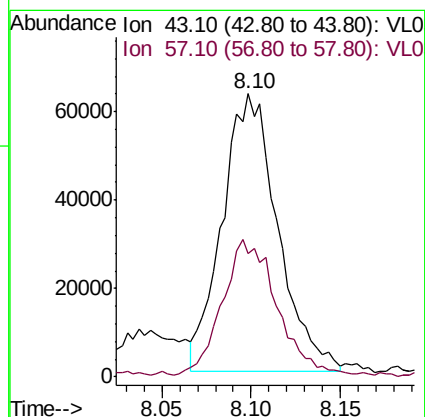
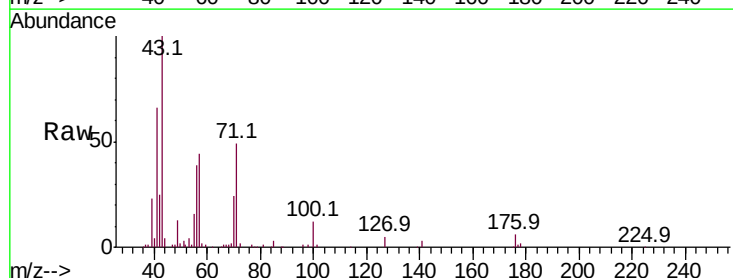
Acq: 24 Nov 2021 6:00

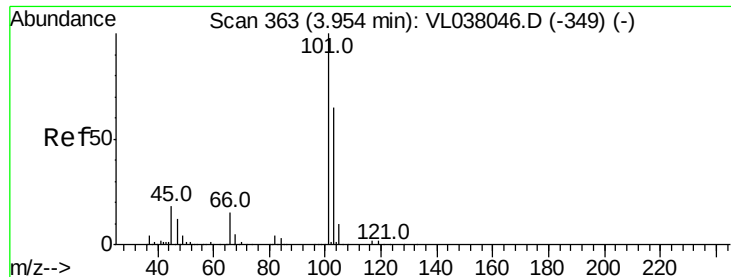
Tgt Ion: 43 Resp: 135753

Ion Ratio Lower Upper

43 100

57 49.1 40.4 60.6





#11

Trichlorofluoromethane

Concen: 1.767 ppbv

RT: 3.94 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

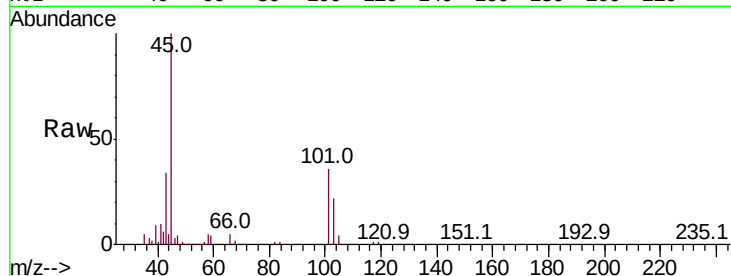
Acq: 24 Nov 2021 8:00 SG-CURATED-HOME

Tot Ion:101 Resp: 240663

Ion Ratio Lower Upper

101 100

103 61.9 51.8 77.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

150000

100000

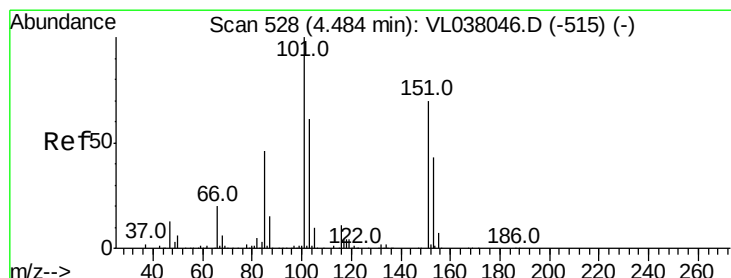
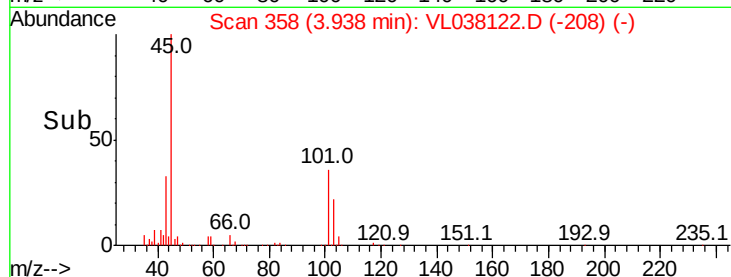
50000

0

3.94

3.90 3.95 4.00

Time-->



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.049 ppbv

RT: 4.47 min Scan# 524

Delta R.T. -0.01 min

Lab File: VL038122.D

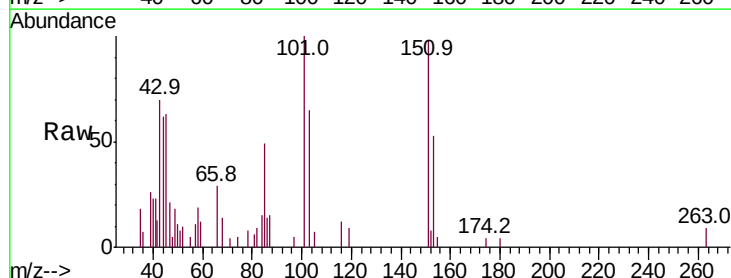
Acq: 24 Nov 2021 6:00

Tgt Ion:101 Resp: 4739

Ion Ratio Lower Upper

101 100

151 120.6 59.0 88.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

4000

3000

2000

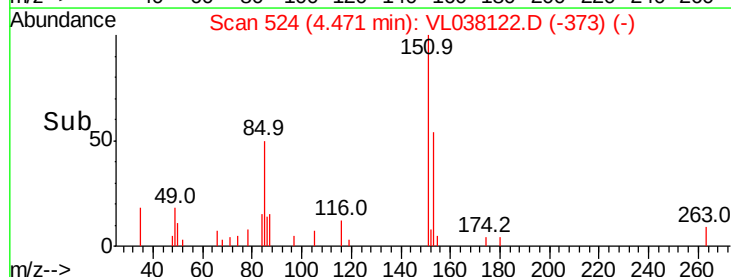
1000

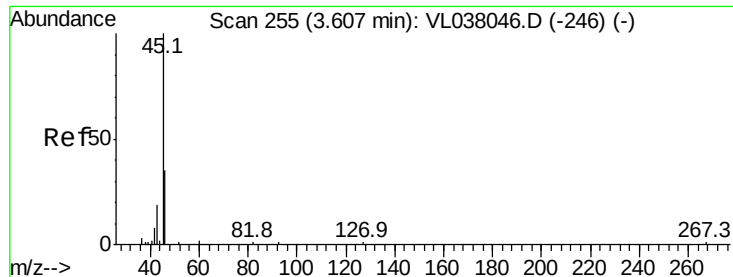
0

4.47

4.44 4.46 4.48

Time-->





#13

Ethanol

Concen: 215.459 ppbv

RT: 3.60

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

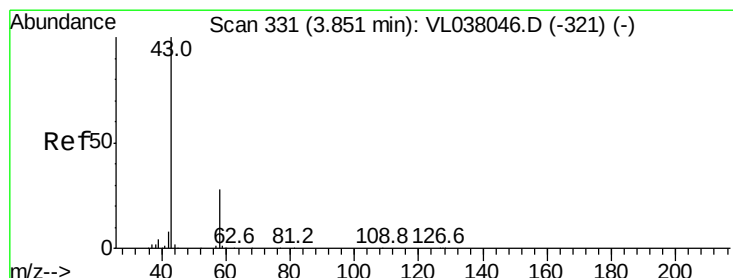
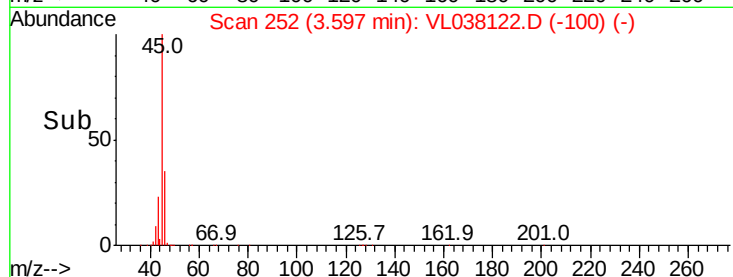
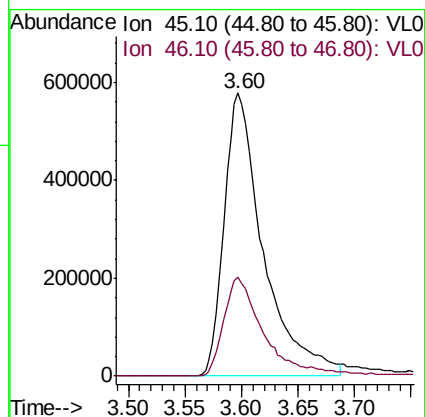
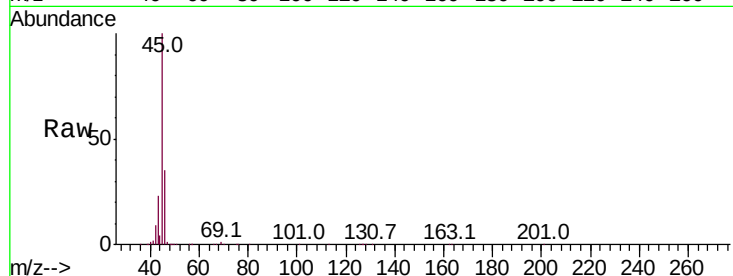
Acq: 24 Nov 2021 6:00

Tot Ion: 45 Resp: 1396373

Ion Ratio Lower Upper

45 100

46 37.5 17.6 70.2



#15

Acetone

Concen: 57.063 ppbv

RT: 3.83 min Scan# 326

Delta R.T. -0.02 min

Lab File: VL038122.D

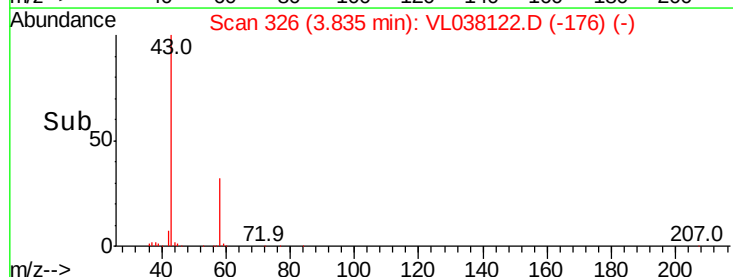
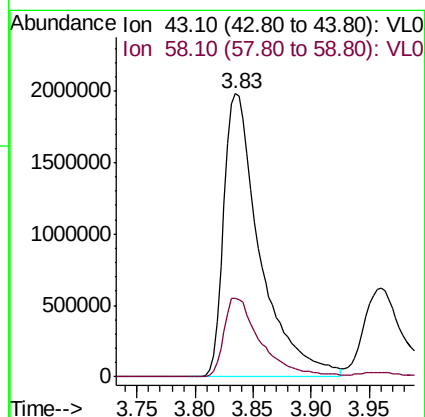
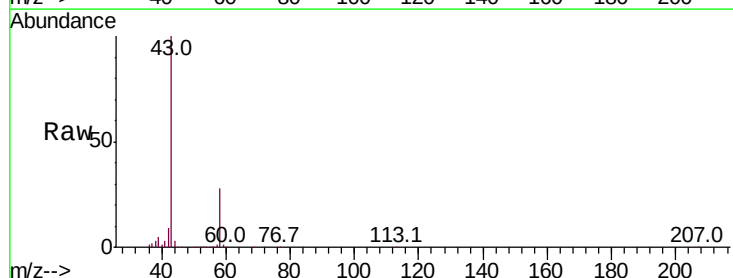
Acq: 24 Nov 2021 6:00

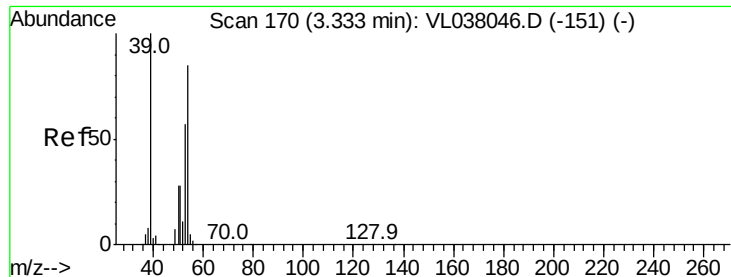
Tgt Ion: 43 Resp: 4290082

Ion Ratio Lower Upper

43 100

58 28.5 22.4 33.6





#16

1,3-Butadiene

Concen: 2.396 ppbv

RT: 3.35 Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId: SG-CURATED-HOME

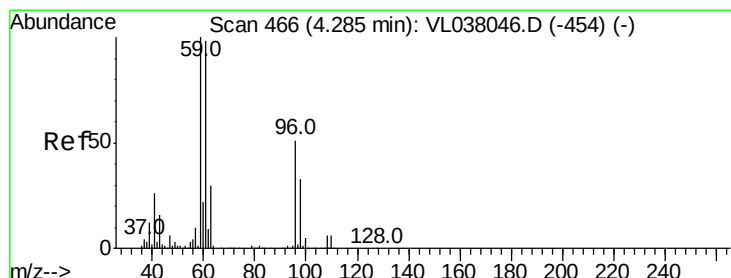
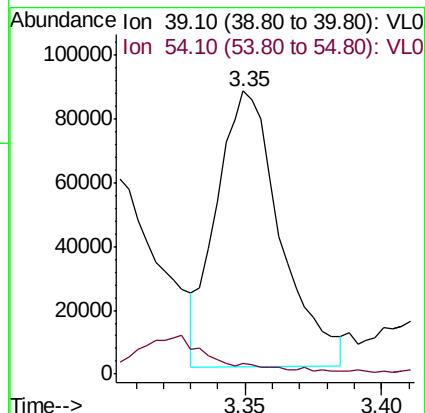
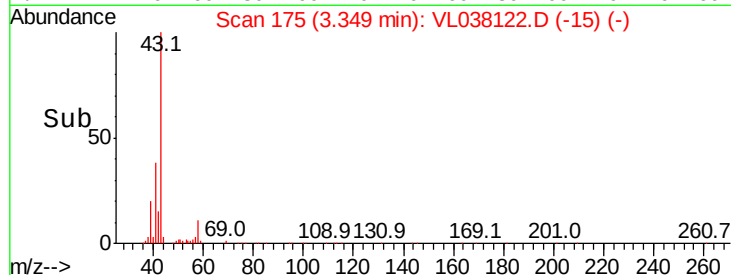
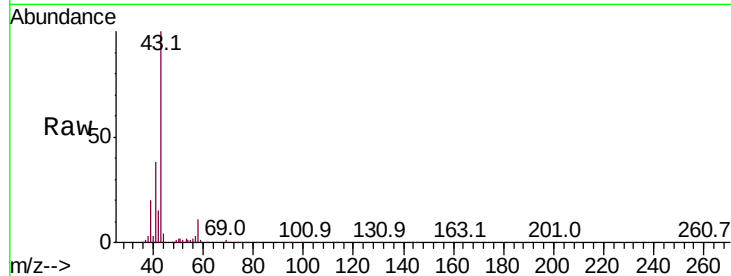
Acq: 24 Nov 2021 6:00

Tot Ion: 39 Resp: 140555

Ion Ratio Lower Upper

39 100

54 19.9 64.4 96.6#



#17

tert-Butyl alcohol

Concen: 2.460 ppbv

RT: 4.29 min Scan# 467

Delta R.T. 0.00 min

Lab File: VL038122.D

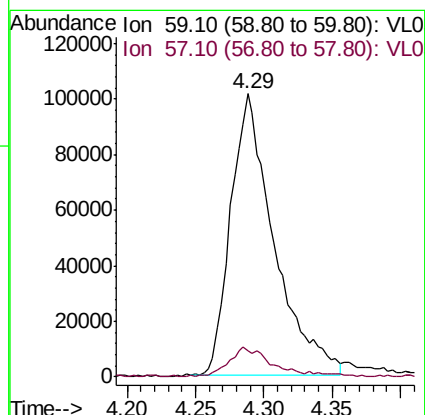
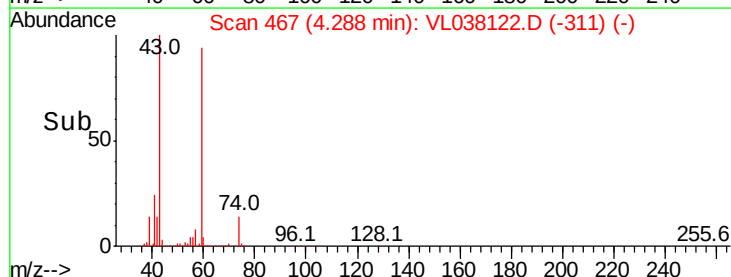
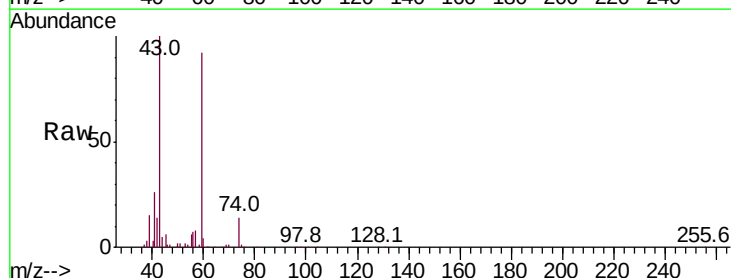
Acq: 24 Nov 2021 6:00

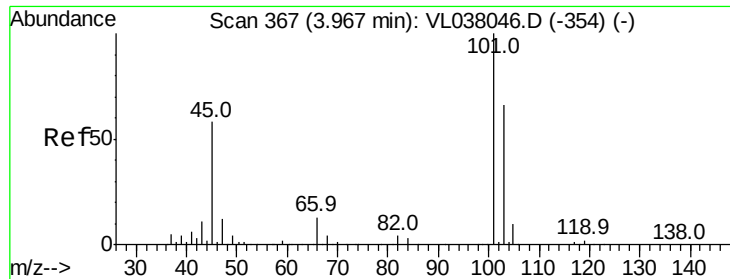
Tgt Ion: 59 Resp: 224348

Ion Ratio Lower Upper

59 100

57 11.3 8.6 13.0





#19

Isopropyl Alcohol

Concen: 109.651 ppbv

RT: 3.96

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

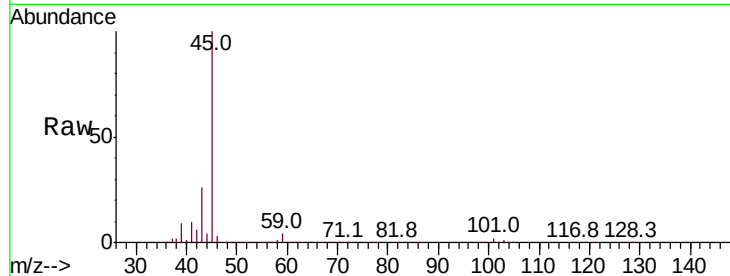
Acq: 24 Nov 2021 8:00

Tot Ion: 45 Resp: 5956351

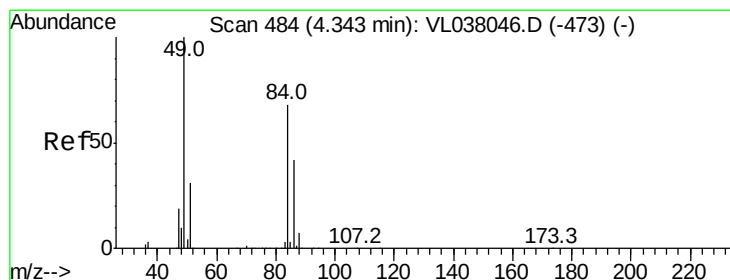
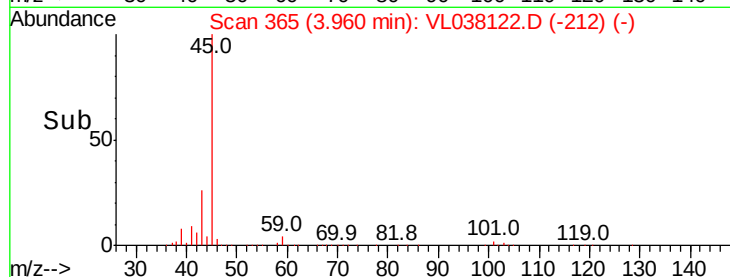
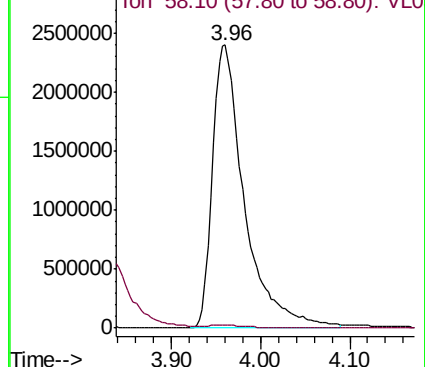
Ion Ratio Lower Upper

45 100

58 1.5 1.4 2.0



Abundance Ion 45.10 (44.80 to 45.80): VL0



#20

Methylene Chloride

Concen: 2.171 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.01 min

Lab File: VL038122.D

Acq: 24 Nov 2021 6:00

Tgt Ion: 84 Resp: 91424

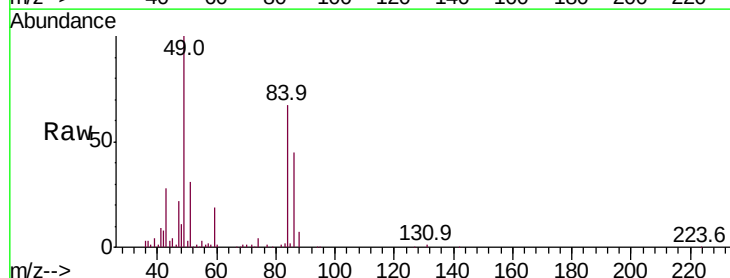
Ion Ratio Lower Upper

84 100

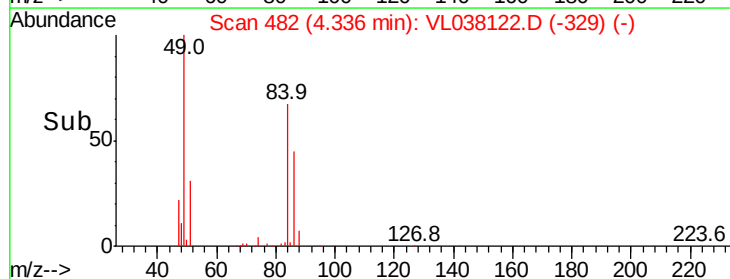
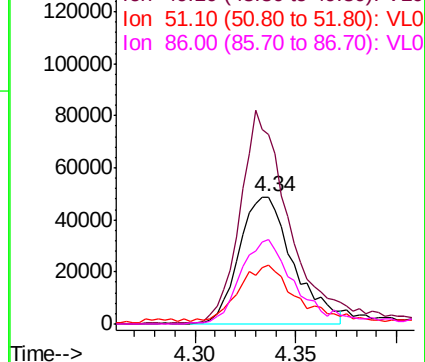
49 147.8 118.2 177.2

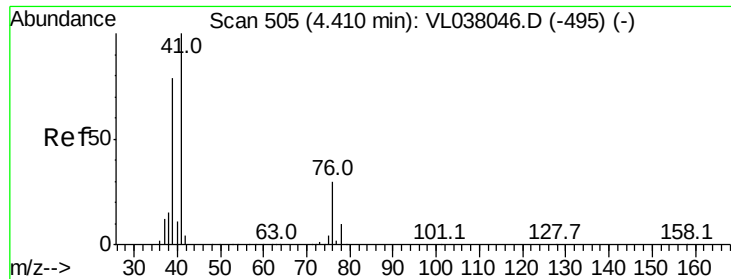
51 44.1 36.8 55.2

86 65.5 49.0 73.6



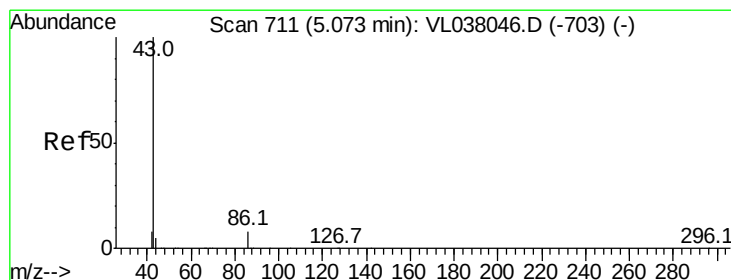
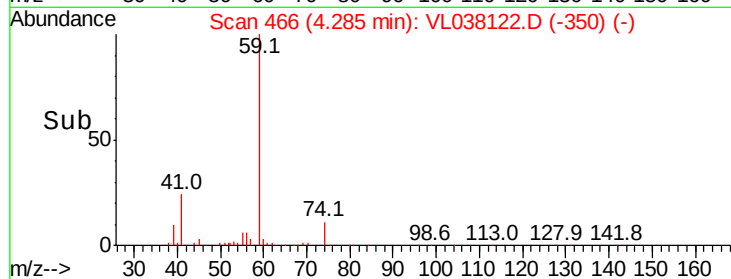
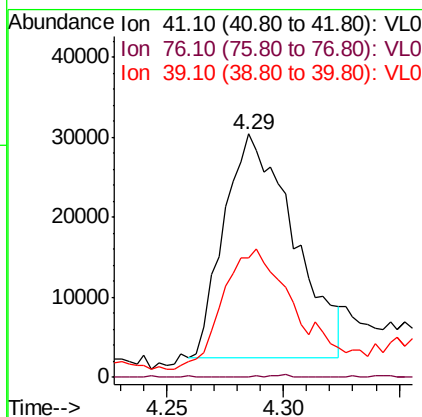
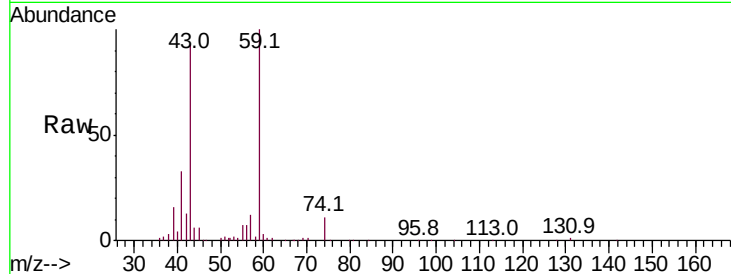
Abundance Ion 84.00 (83.70 to 84.70): VL0





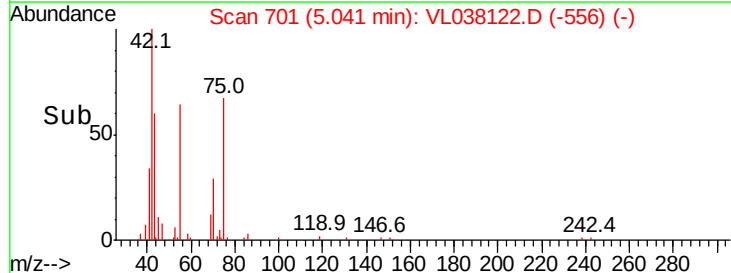
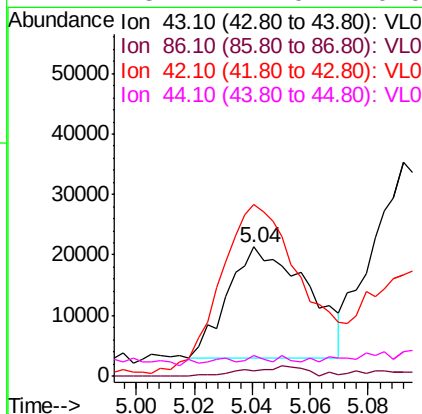
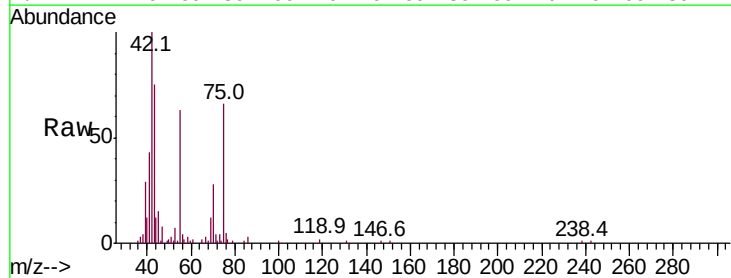
#21
 Allvl Chloride
 Concen: 0.840 ppbv
 RT: 4.29
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 24 Nov 2021 8:00

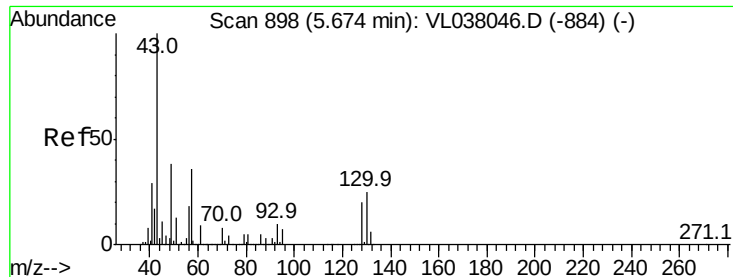
Tot Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.6	36.8#
39	55.3	63.4	95.0#



#23
 Vinyl Acetate
 Concen: 0.322 ppbv
 RT: 5.04 min Scan# 701
 Delta R.T.: -0.03 min
 Lab File: VL038122.D
 Acq: 24 Nov 2021 6:00

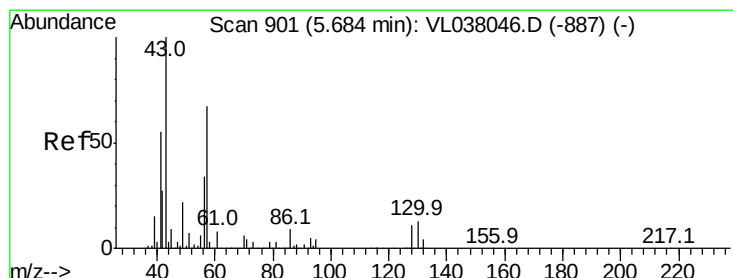
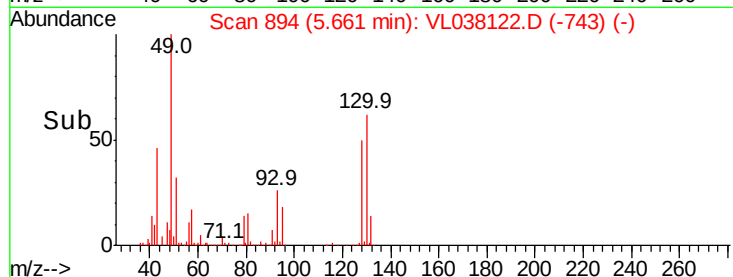
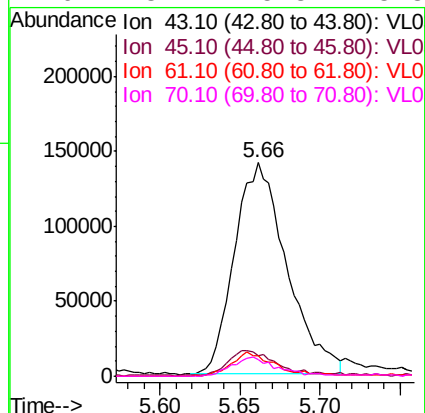
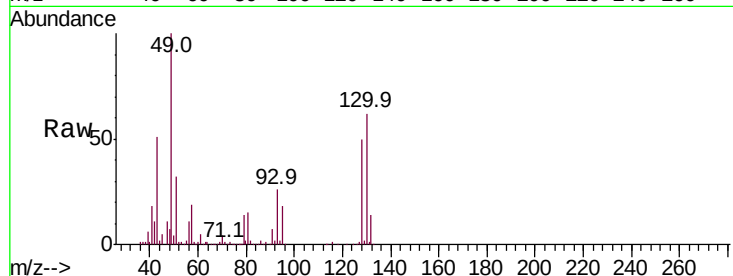
Tgt Ion	Ratio	Lower	Upper
43	100		
86	4.7	5.3	7.9#
42	139.7	7.0	10.6#
44	3.4	4.0	6.0#





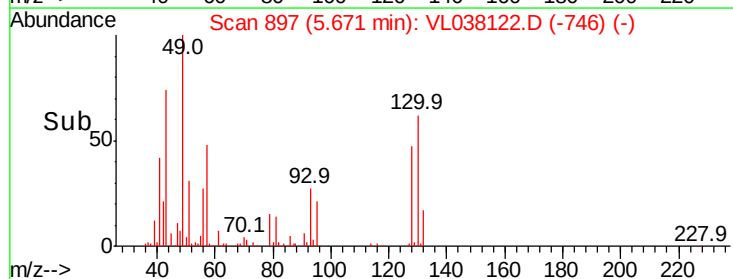
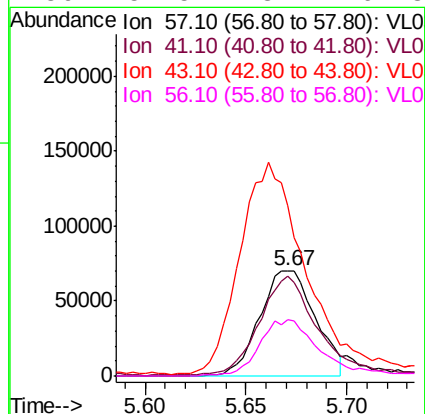
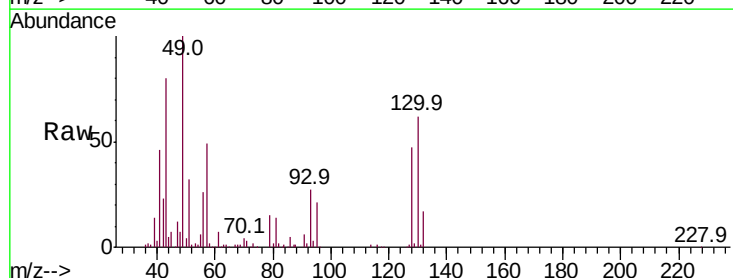
#25
Ethyl Acetate
Concen: 1.266 ppbv
RT: 5.66
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 24 Nov 2021 8:00 SG-CURATED-HOME

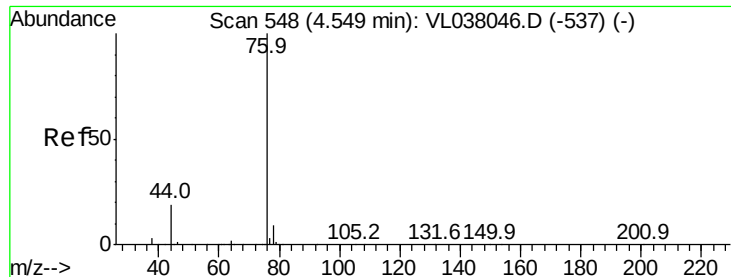
Tot Ion:	43	Resp:	316332
Ion	Ratio	Lower	Upper
43	100		
45	11.9	7.9	11.9#
61	9.8	7.8	11.6
70	8.2	5.8	8.8



#26
Hexane
Concen: 1.120 ppbv
RT: 5.67 min Scan# 897
Delta R.T.: -0.01 min
Lab File: VL038122.D
Acq: 24 Nov 2021 6:00

Tgt Ion:	57	Resp:	134886
Ion	Ratio	Lower	Upper
57	100		
41	99.7	71.4	107.2
43	247.9	174.6	261.8
56	57.5	43.2	64.8





#27

Carbon Disulfide

Concen: 0.086 ppbv

RT: 4.55 Instrument:

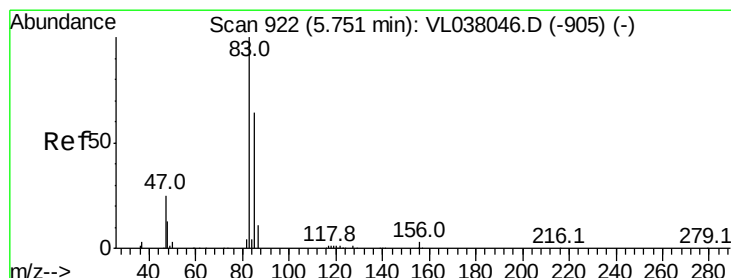
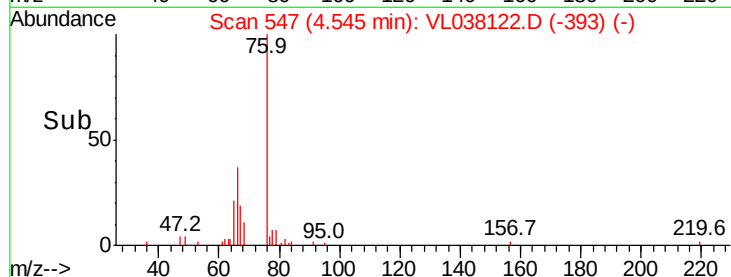
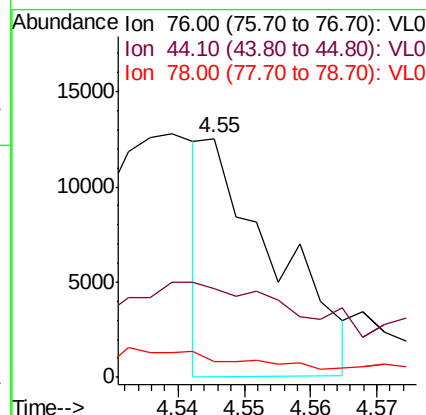
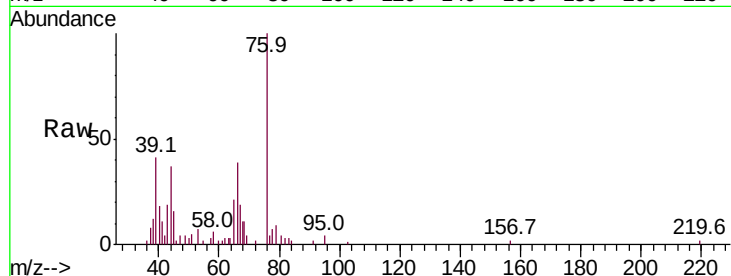
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Nov 2021 8:00 SG-CURATED-HOME

Tot Ion: 76 Resp: 9226

Ion	Ratio	Lower	Upper
76	100		
44	72.8	14.9	22.3#
78	0.0	7.6	11.4#



#29

Chloroform

Concen: 0.199 ppbv

RT: 5.73 min Scan# 916

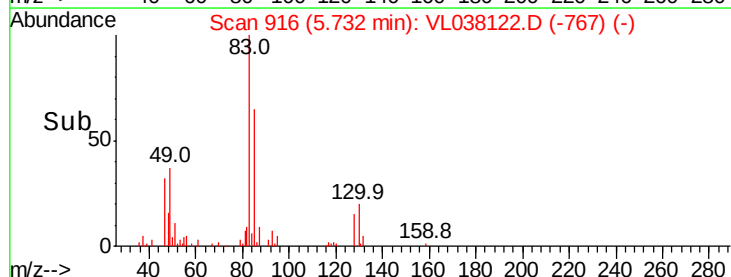
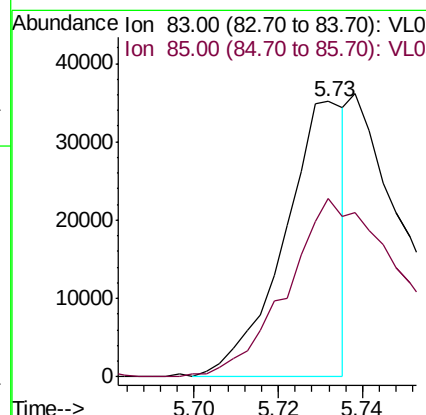
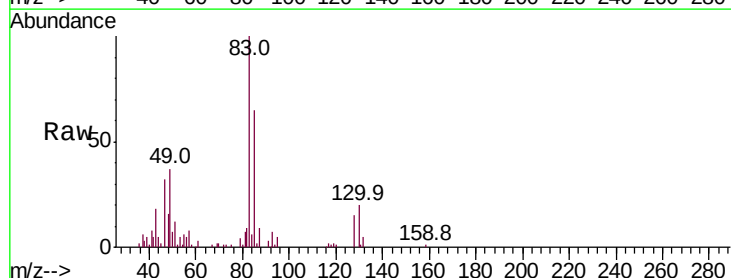
Delta R.T. -0.02 min

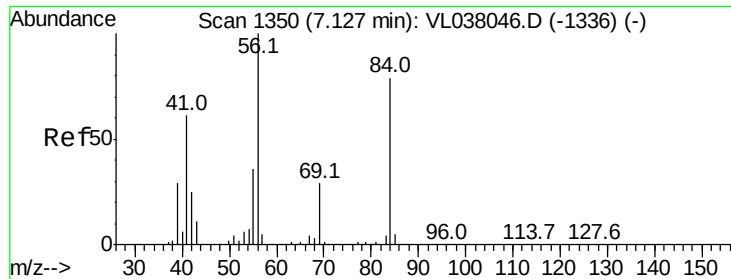
Lab File: VL038122.D

Acq: 24 Nov 2021 6:00

Tgt Ion: 83 Resp: 35253

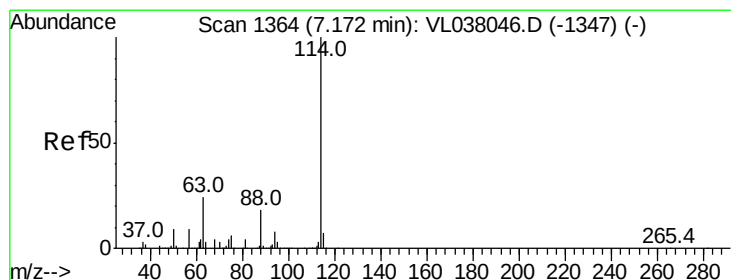
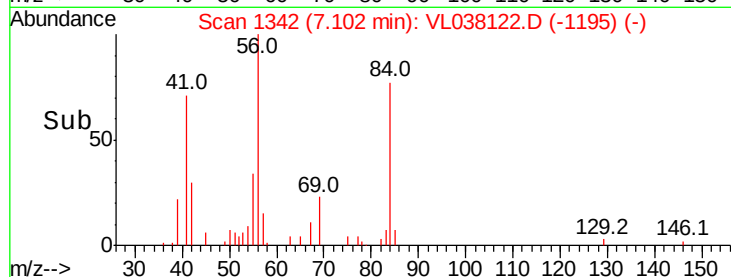
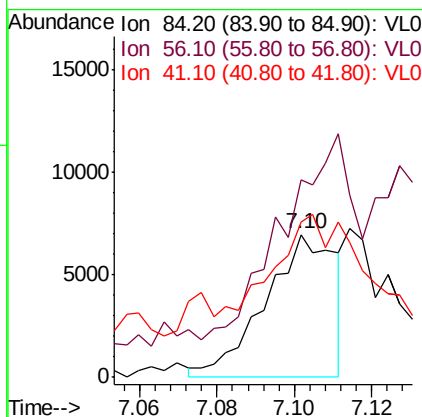
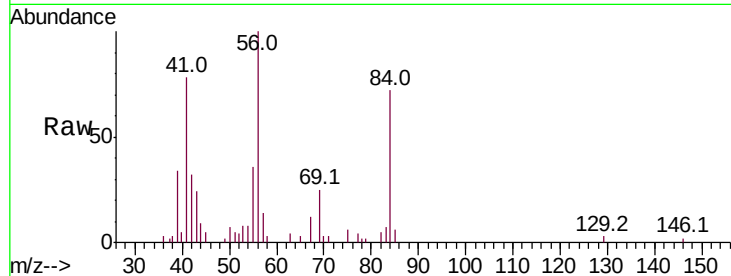
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.0	76.6





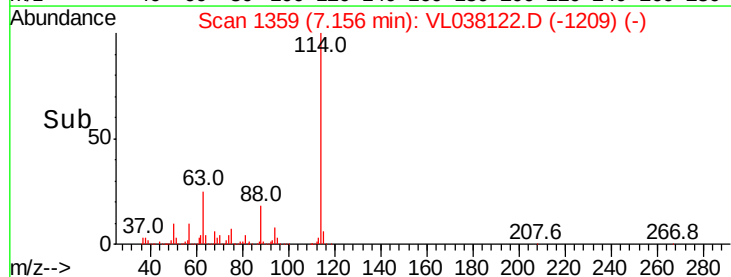
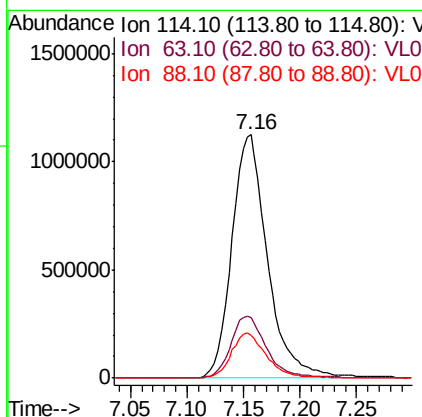
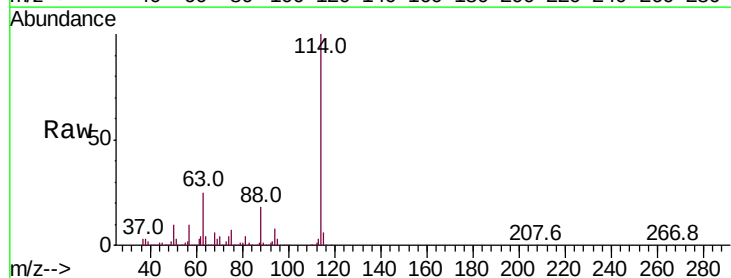
#30
Cvclohexane
Concen: 0.080 ppbv
RT: 7.10
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 24 Nov 2021 8:00

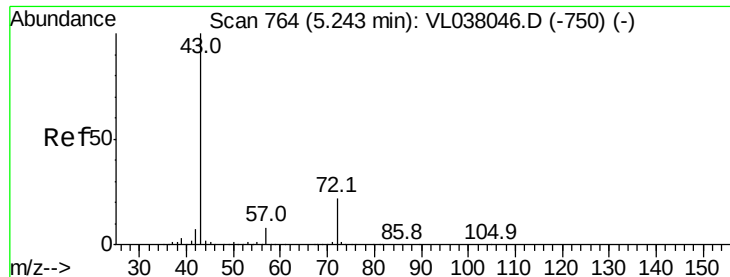
Tot Ion: 84 Resp: 8748
Ion Ratio Lower Upper
84 100
56 0.0 108.1 162.1#
41 258.3 64.4 96.6#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.02 min
Lab File: VL038122.D
Acq: 24 Nov 2021 6:00

Tgt Ion: 114 Resp: 2457425
Ion Ratio Lower Upper
114 100
63 26.1 19.7 29.5
88 18.6 14.4 21.6





#34

2-Butanone

Concen: 2.090 ppbv

RT: 5.23 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: SG-CURATED-HOME

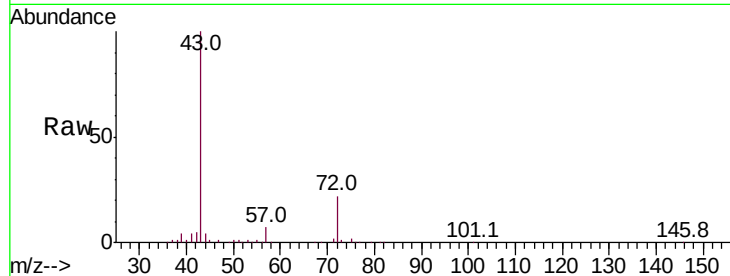
Acq: 24 Nov 2021 6:00

Tot Ion: 43 Resp: 207125

Ion Ratio Lower Upper

43 100

72 25.5 18.8 28.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

5.23

120000

100000

80000

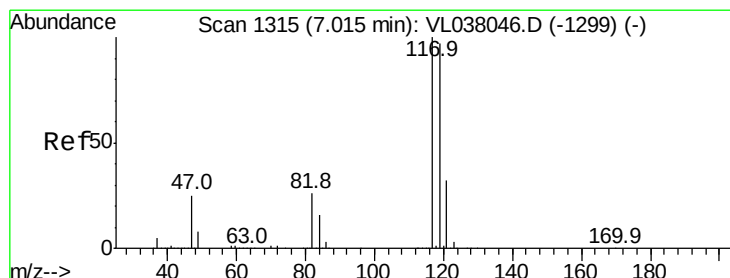
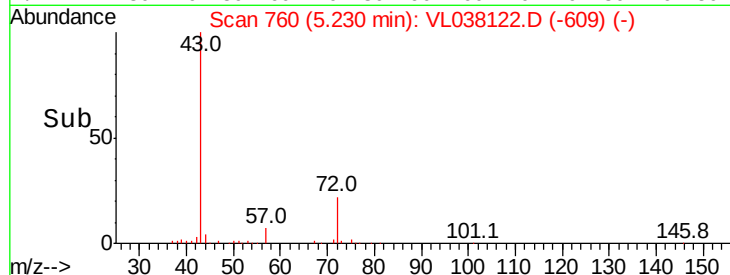
60000

40000

20000

0

Time-->



#35

Carbon Tetrachloride

Concen: 0.039 ppbv

RT: 7.01 min Scan# 1312

Delta R.T. -0.01 min

Lab File: VL038122.D

Acq: 24 Nov 2021 6:00

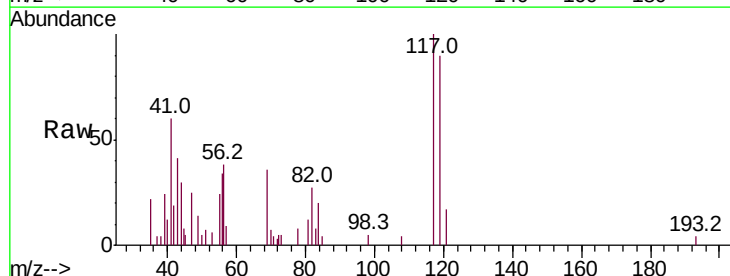
Tgt Ion: 117 Resp: 6727

Ion Ratio Lower Upper

117 100

119 74.8 77.7 116.5#

121 12.7 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

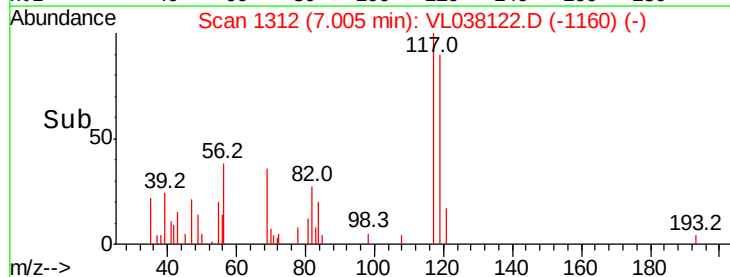
6000

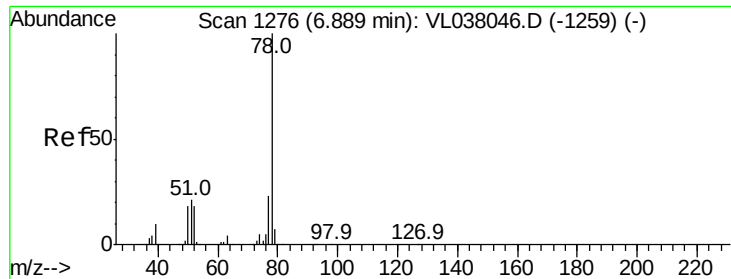
4000

2000

0

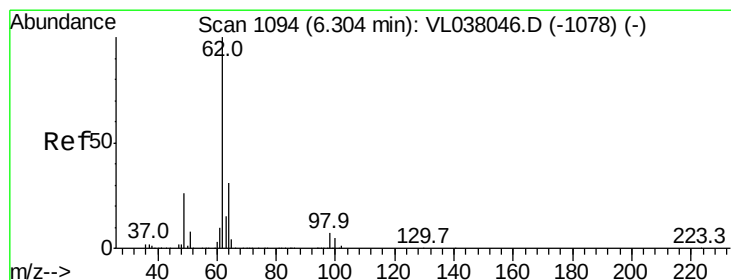
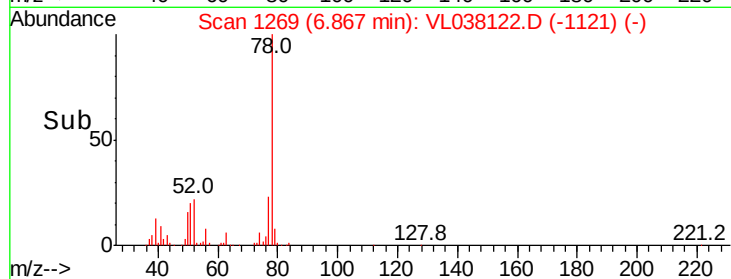
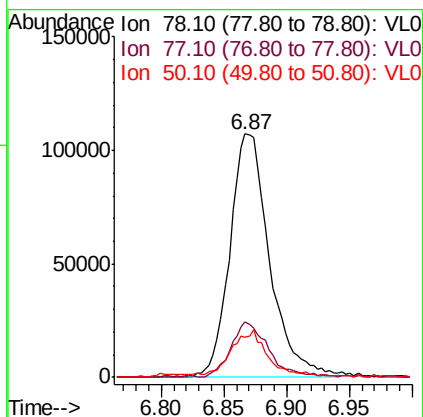
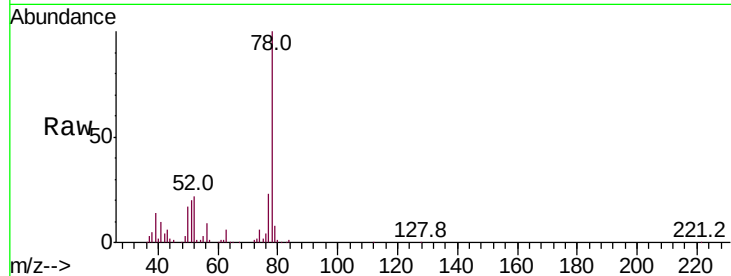
Time-->





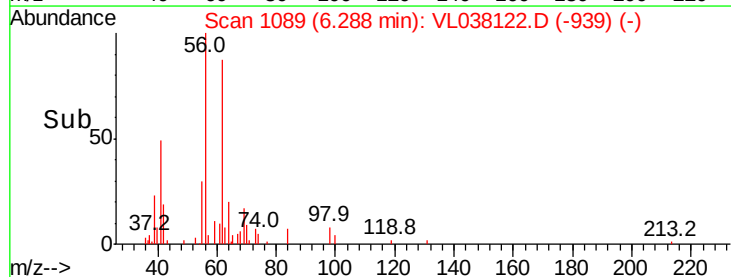
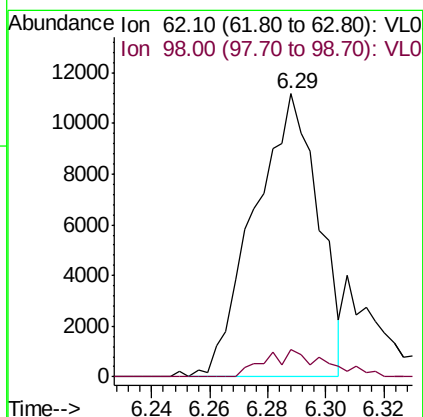
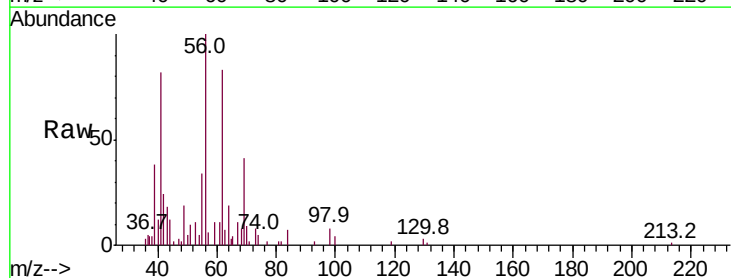
#36
Benzene
Concen: 0.963 ppbv
RT: 6.87
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Nov 2021 6:00 SG-CURATED-HOME

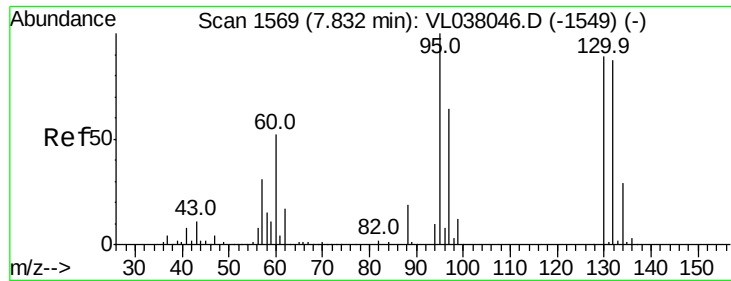
Tot Ion: 78 Resp: 236039
Ion Ratio Lower Upper
78 100
77 22.6 18.2 27.4
50 15.9 14.7 22.1



#37
1,2-Dichloroethane
Concen: 0.144 ppbv
RT: 6.29 min Scan# 1089
Delta R.T. -0.02 min
Lab File: VL038122.D
Acq: 24 Nov 2021 6:00

Tgt Ion: 62 Resp: 17057
Ion Ratio Lower Upper
62 100
98 9.1 5.8 8.6#





#38

Trichloroethene

Concen: 0.049 ppbv

RT: 7.81 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 24 Nov 2021 8:00 SG-CURATED-HOME

Tot Ion:130 Resp: 4544

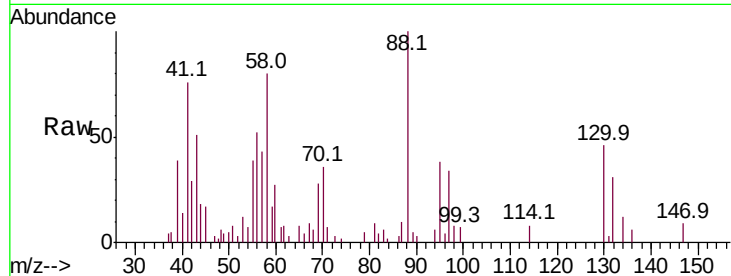
Ion Ratio Lower Upper

130 100

95 72.3 89.4 134.2#

132 69.2 78.2 117.2#

97 71.0 57.0 85.4

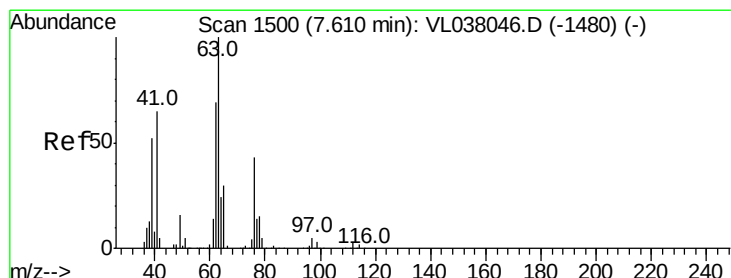
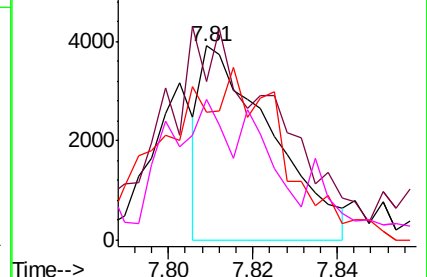
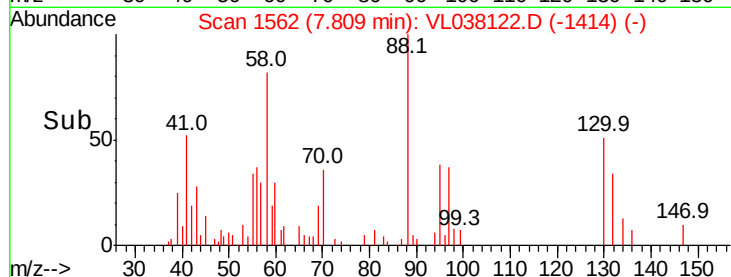


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#39

1,2-Dichloropropane

Concen: 6.606 ppbv

RT: 7.15 min Scan# 1358

Delta R.T. -0.46 min

Lab File: VL038122.D

Acq: 24 Nov 2021 6:00

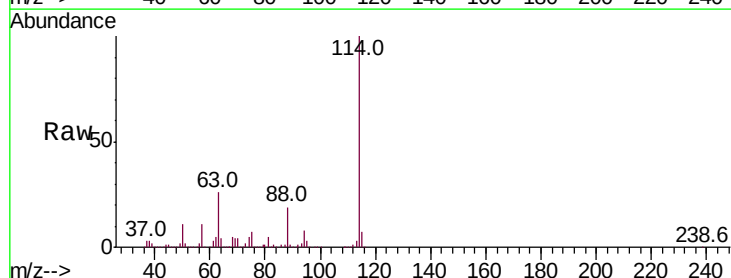
Tgt Ion: 63 Resp: 621199

Ion Ratio Lower Upper

63 100

41 0.0 52.3 78.5#

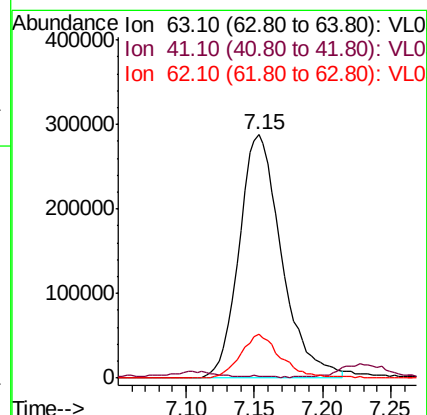
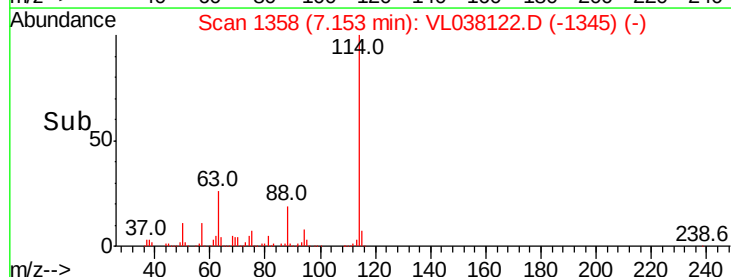
62 18.0 55.1 82.7#

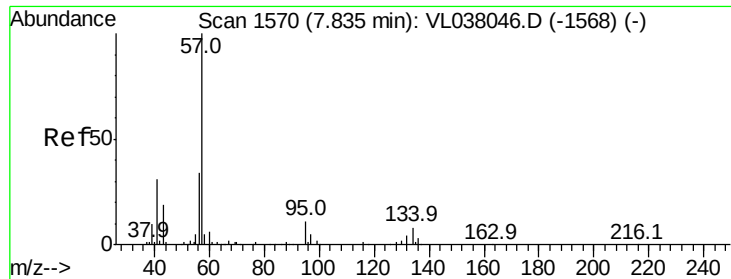


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#40

1,4-Dioxane

Concen: 0.533 ppbv

RT: 7.82 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Nov 2021 8:00 SG-CURATED-HOME

Tot Ion: 88 Resp: 13053

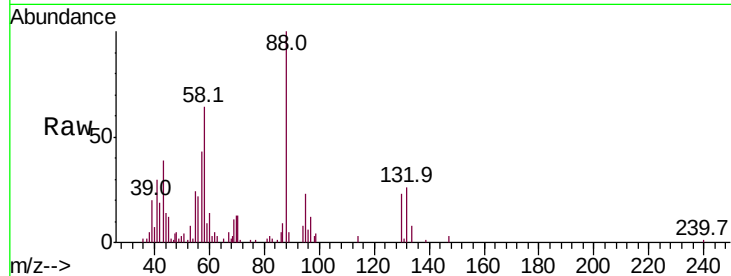
Ion Ratio Lower Upper

88 100

58 0.0 229.2 343.8#

43 0.0 553.3 829.9#

57 0.0 2513.8 3770.8#

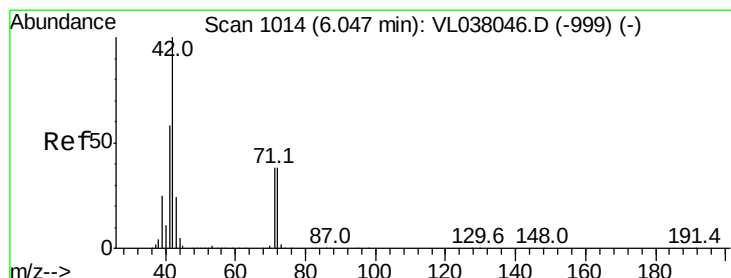
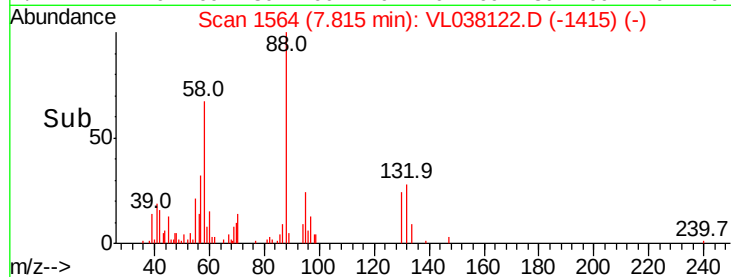
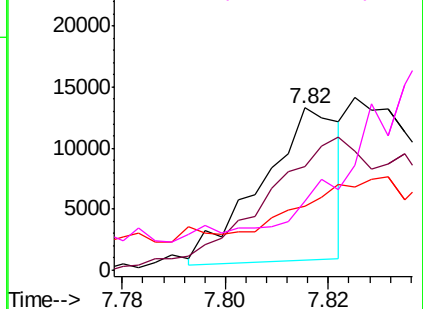


Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#41

Tetrahydrofuran

Concen: 0.816 ppbv

RT: 6.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: VL038122.D

Acq: 24 Nov 2021 6:00

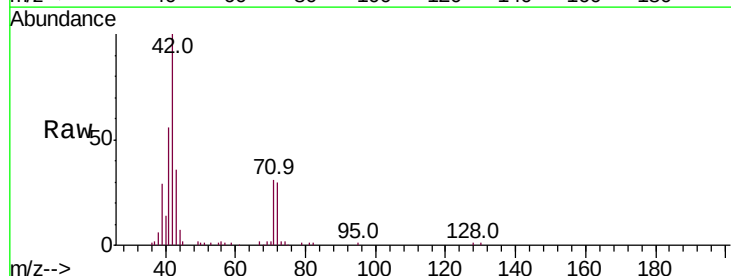
Tgt Ion: 42 Resp: 50183

Ion Ratio Lower Upper

42 100

72 0.0 31.7 47.5#

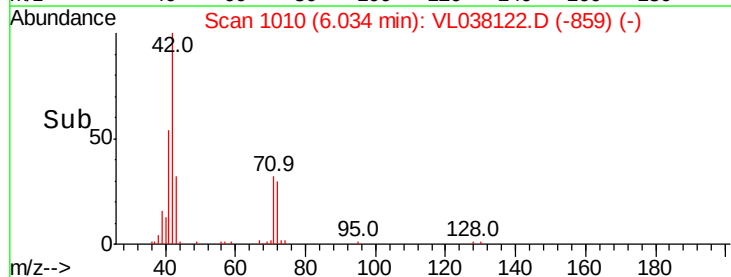
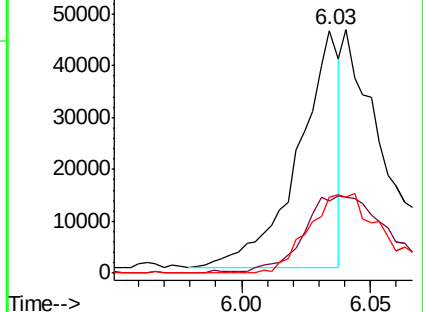
71 0.0 30.6 46.0#

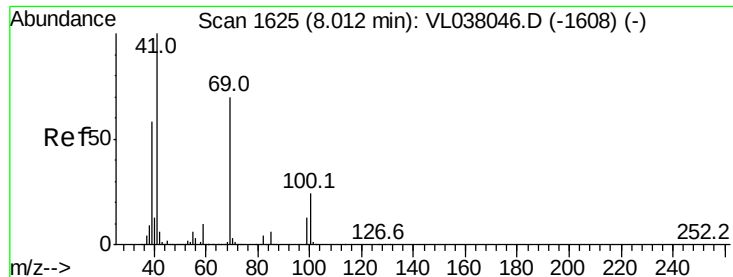


Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

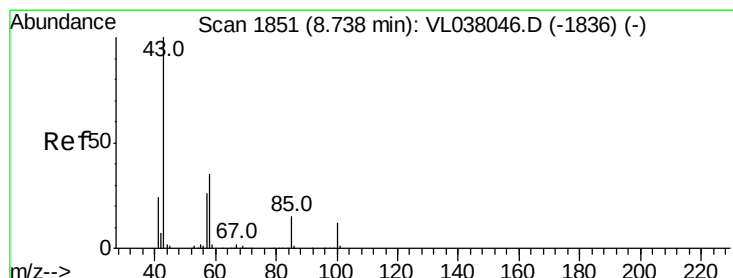
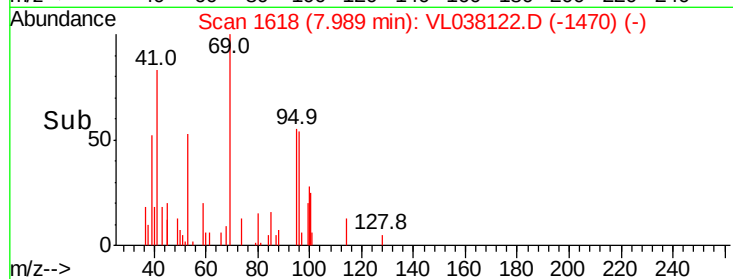
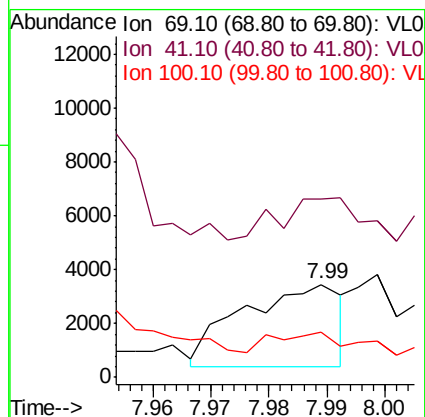
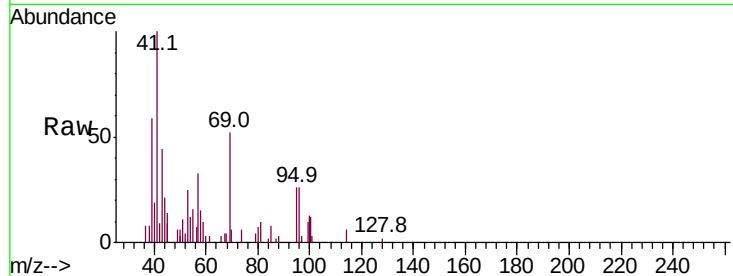
Ion 71.10 (70.80 to 71.80): VL0





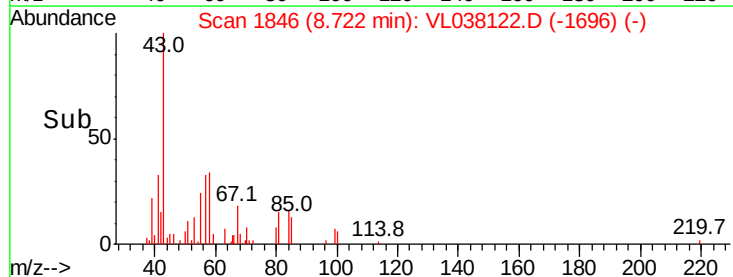
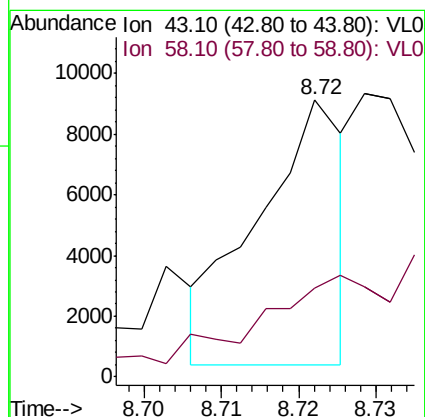
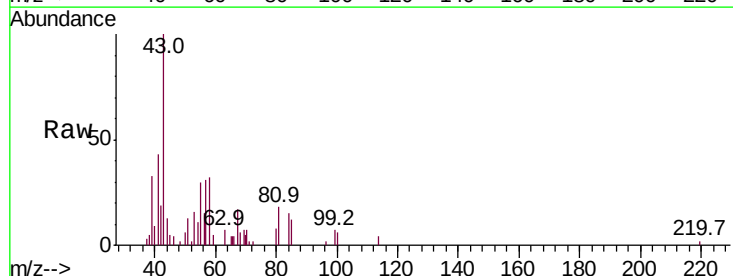
#43
Methyl Methacrylate
Concen: 0.043 ppbv
RT: 7.99
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 24 Nov 2021 8:00

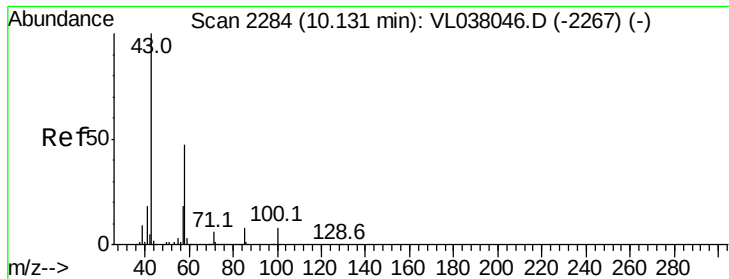
Tot Ion: 69 Resp: 3621
Ion Ratio Lower Upper
69 100
41 326.3 116.7 175.1#
100 85.9 27.3 40.9#



#50
4-Methyl-2-Pentanone
Concen: 0.045 ppbv
RT: 8.72 min Scan# 1846
Delta R.T.: -0.02 min
Lab File: VL038122.D
Acq: 24 Nov 2021 6:00

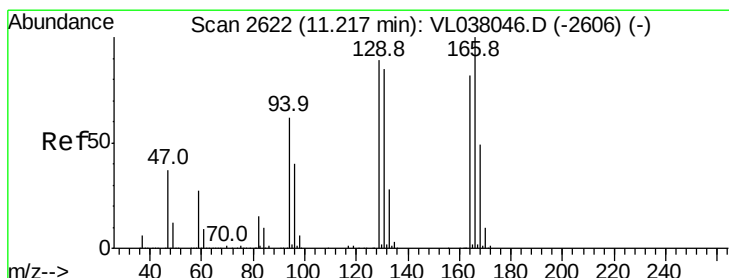
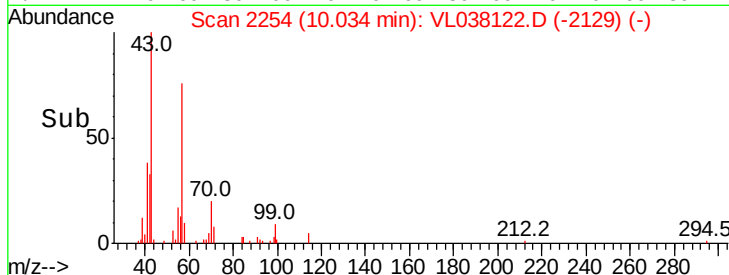
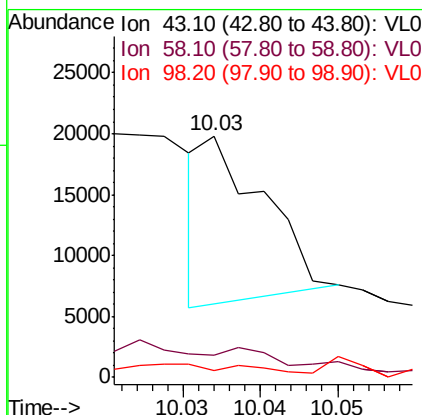
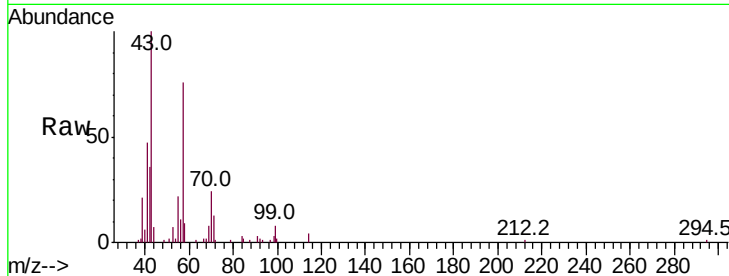
Tgt Ion: 43 Resp: 6802
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.2#





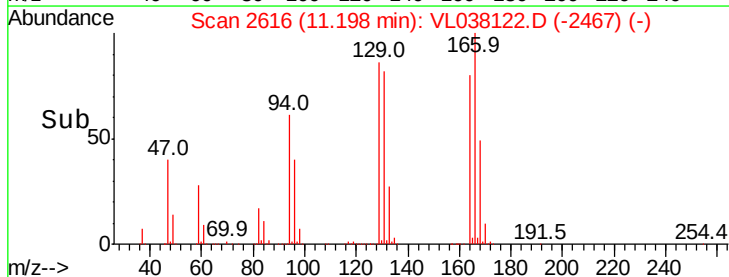
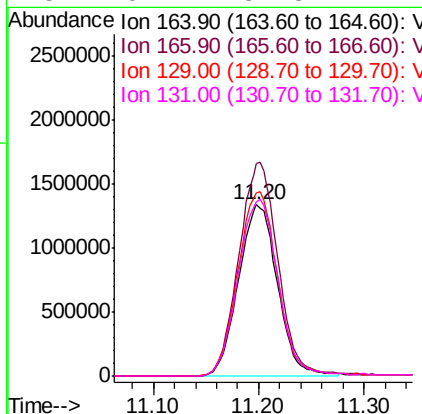
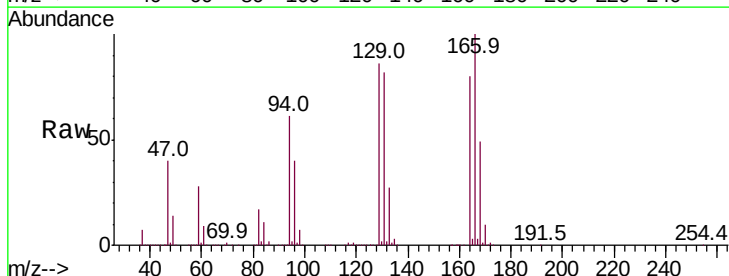
#51
2-Hexanone
Concen: 0.106 ppbv
RT: 10.03 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Nov 2021 6:00 SG-CURATED-HOME

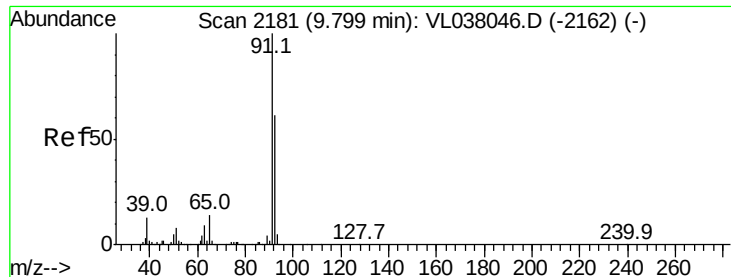
Tot Ion: 43 Resp: 7480
Ion Ratio Lower Upper
43 100
58 0.0 41.1 61.7#
98 36.9 0.1 0.1#



#52
Tetrachloroethene
Concen: 37.797 ppbv
RT: 11.20 min Scan# 2616
Delta R.T. -0.02 min
Lab File: VL038122.D
Acq: 24 Nov 2021 6:00

Tgt Ion:164 Resp: 3428319
Ion Ratio Lower Upper
164 100
166 124.4 97.2 145.8
129 106.8 86.9 130.3
131 101.4 82.8 124.2





#53

Toluene

Concen: 2.172 ppbv

RT: 9.78 Instrument: MSVOA_1

Delta R.T. -0.02

Lab File: ClientSampleId: SG-CURATED-HOME

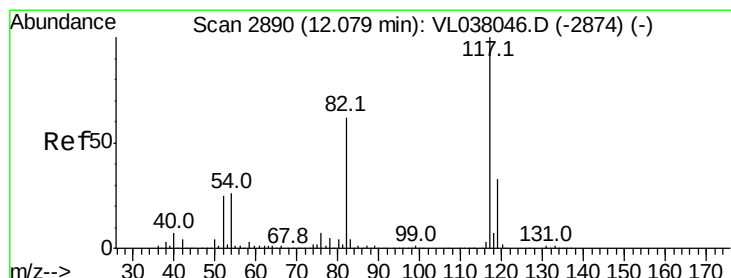
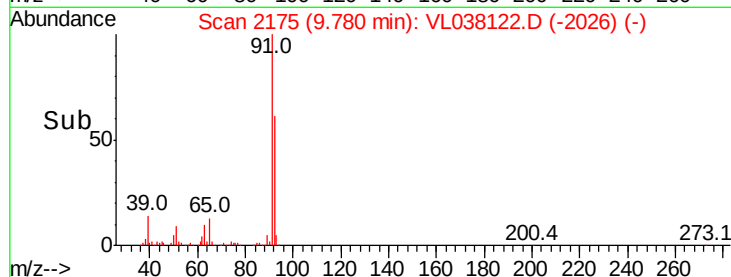
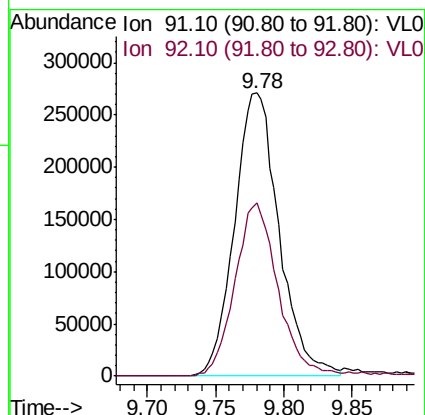
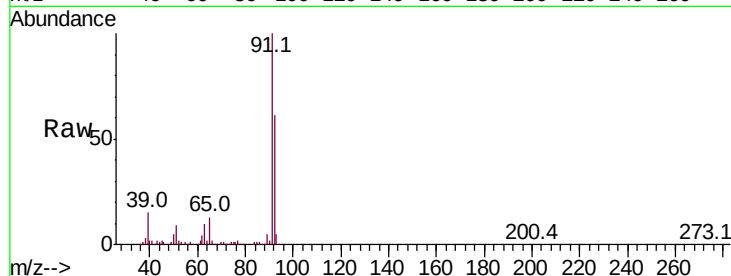
Acq: 24 Nov 2021 6:00

Tot Ion: 91 Resp: 612520

Ion Ratio Lower Upper

91 100

92 60.9 49.7 74.5



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2883

Delta R.T. -0.02 min

Lab File: VL038122.D

Acq: 24 Nov 2021 6:00

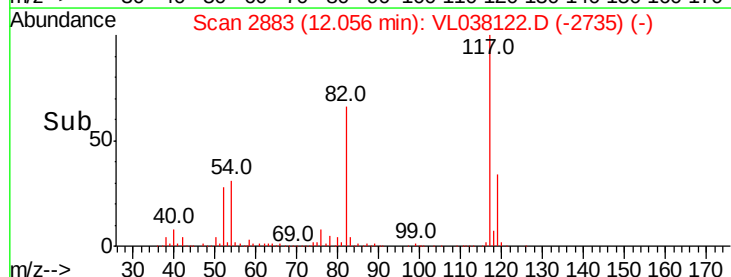
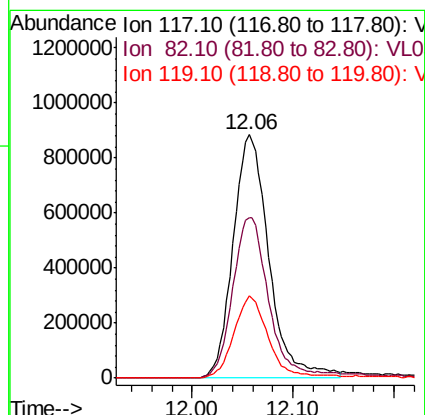
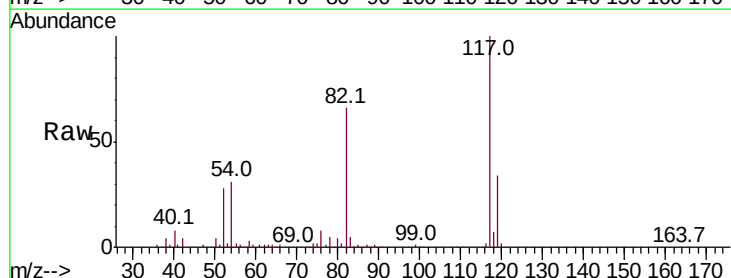
Tgt Ion: 117 Resp: 2184340

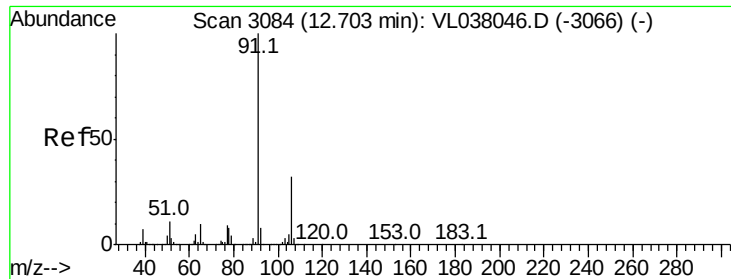
Ion Ratio Lower Upper

117 100

82 70.4 52.8 79.2

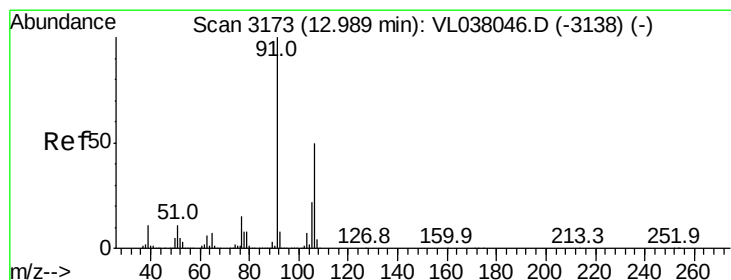
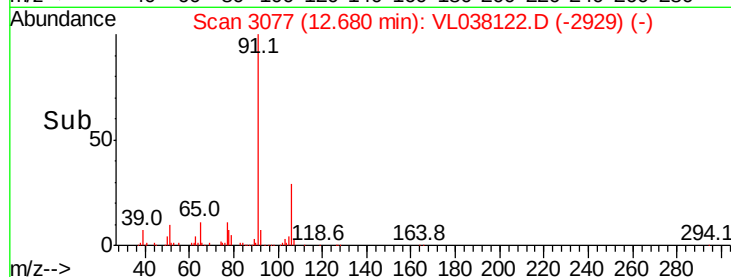
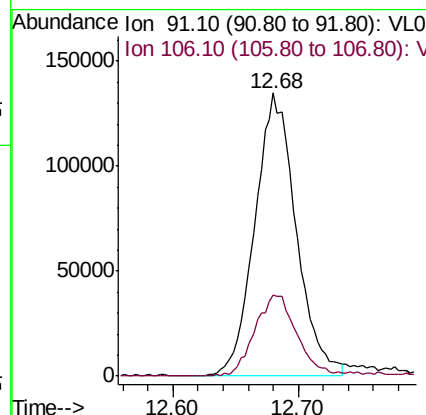
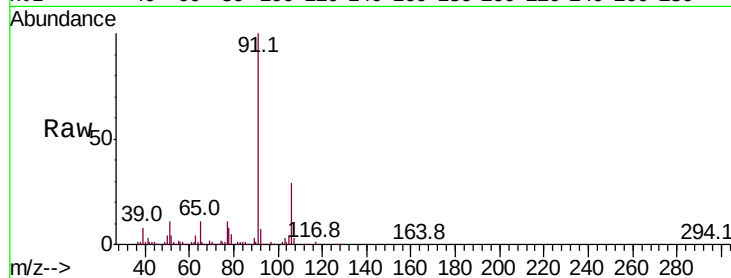
119 33.2 26.8 40.2





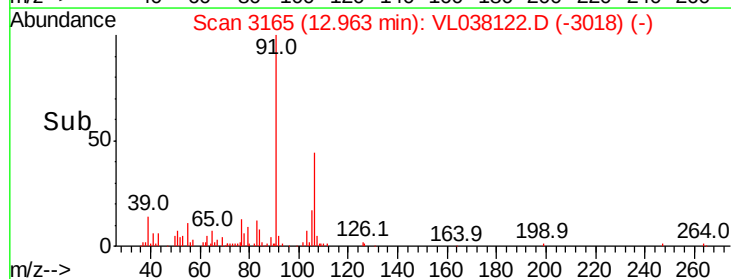
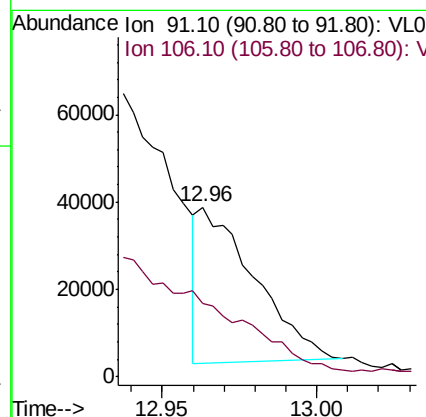
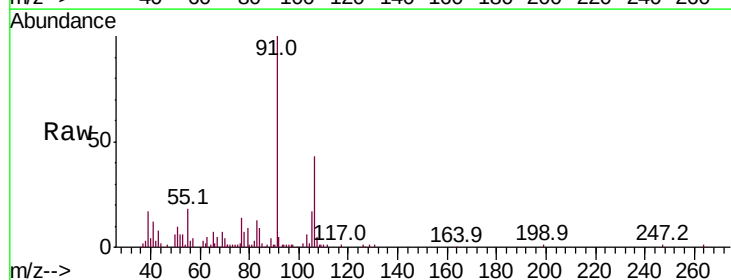
#58
Ethyl Benzene
Concen: 0.851 ppbv
RT: 12.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 24 Nov 2021 8:00

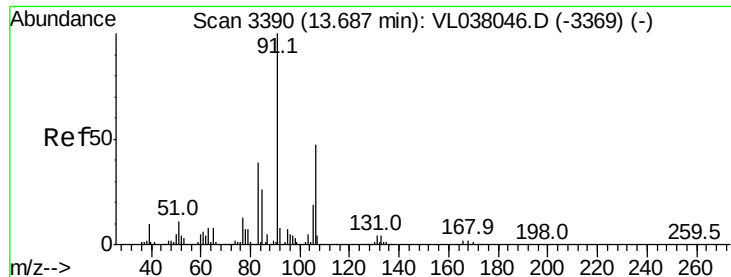
Tot Ion: 91 Resp: 307206
Ion Ratio Lower Upper
91 100
106 28.8 25.8 38.6



#59
m/p-Xylene
Concen: 0.146 ppbv
RT: 12.96 min Scan# 3165
Delta R.T. -0.03 min
Lab File: VL038122.D
Acq: 24 Nov 2021 6:00

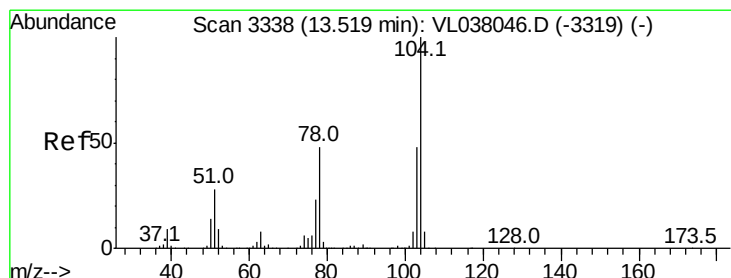
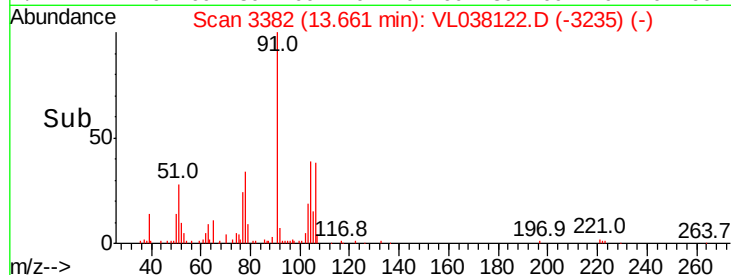
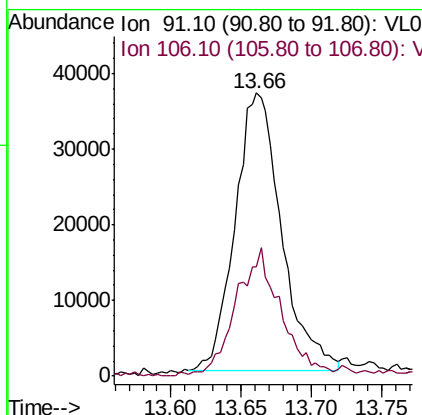
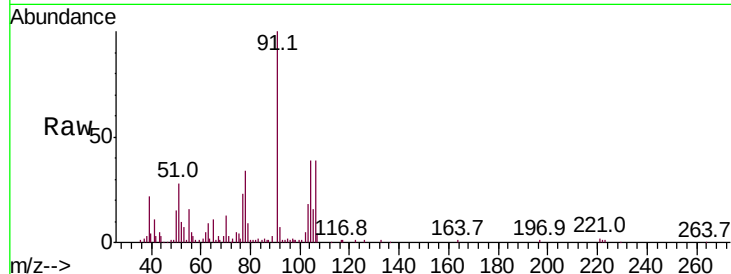
Tgt Ion: 91 Resp: 44417
Ion Ratio Lower Upper
91 100
106 0.0 38.1 57.1#





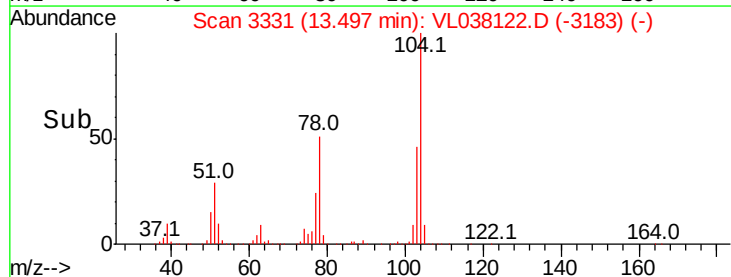
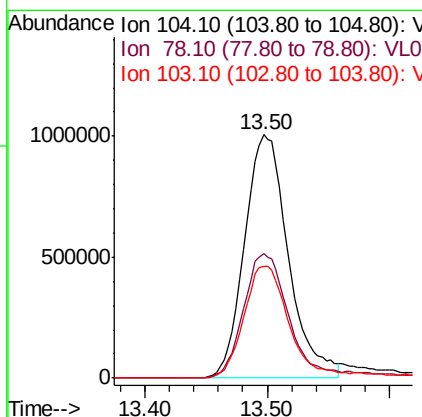
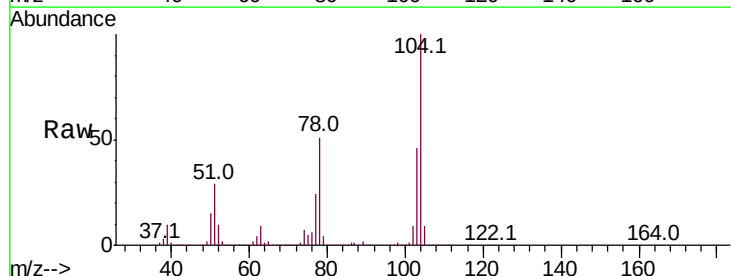
#60
o-Xylene
Concen: 0.299 ppbv
RT: 13.66
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Nov 2021 6:00 SG-CURATED-HOME

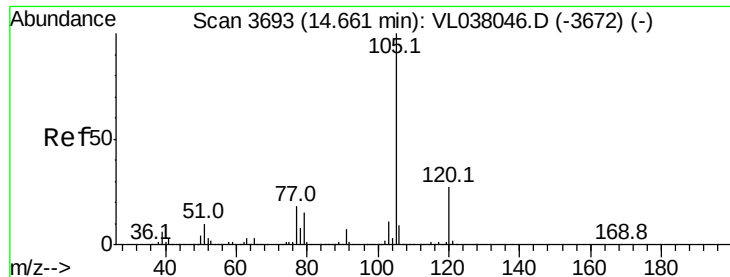
Tot Ion: 91 Resp: 84340
Ion Ratio Lower Upper
91 100
106 47.9 24.2 72.6



#61
Styrene
Concen: 16.506 ppbv
RT: 13.50 min Scan# 3331
Delta R.T. -0.02 min
Lab File: VL038122.D
Acq: 24 Nov 2021 6:00

Tgt Ion:104 Resp: 2494951
Ion Ratio Lower Upper
104 100
78 55.6 39.8 59.6
103 51.0 38.2 57.2





#62

Isopropylbenzene

Concen: 1.921 ppbv

RT: 14.64

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

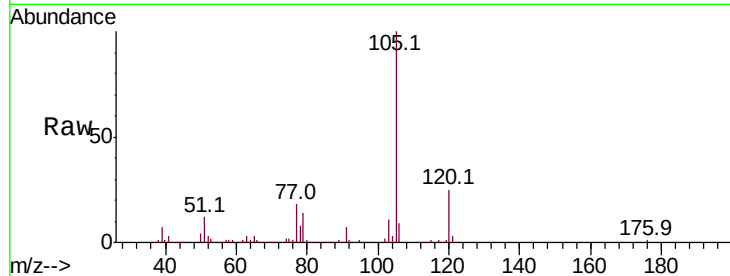
Acq: 24 Nov 2021 8:00

Tot Ion:105 Resp: 768655

Ion Ratio Lower Upper

105 100

120 24.8 21.8 32.6



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

14.64

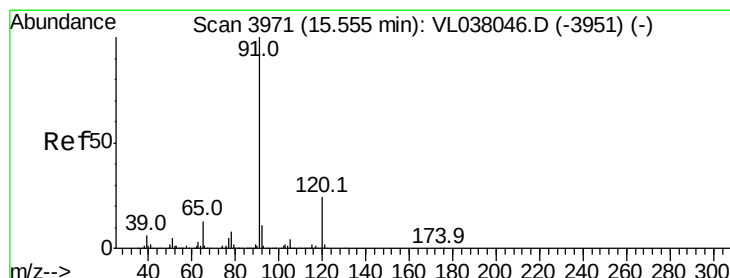
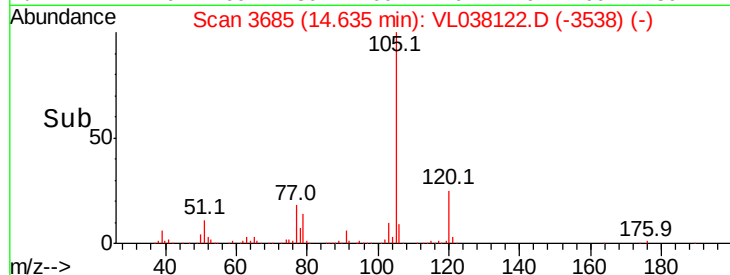
300000

200000

100000

0

Time-->



#64

n-propylbenzene

Concen: 0.098 ppbv

RT: 15.53 min Scan# 3964

Delta R.T. -0.02 min

Lab File: VL038122.D

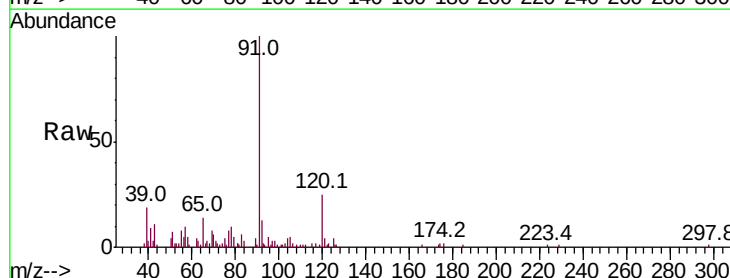
Acq: 24 Nov 2021 6:00

Tgt Ion:120 Resp: 10042

Ion Ratio Lower Upper

120 100

91 659.1 371.7 557.5#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

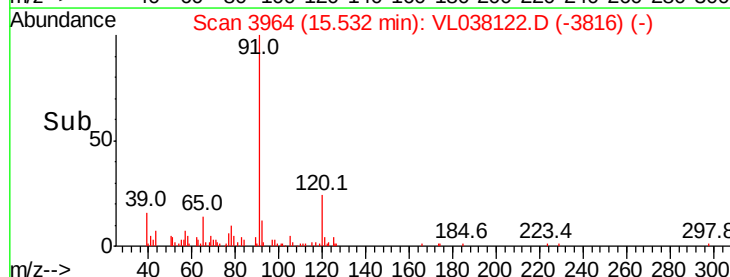
30000

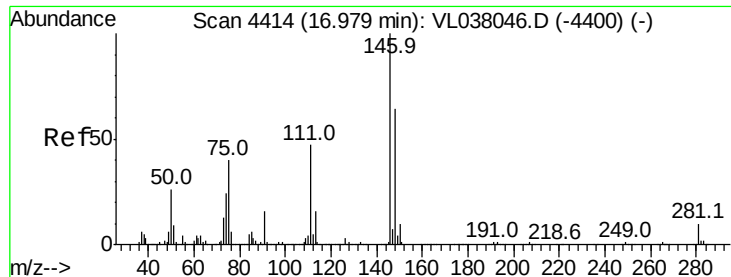
20000

10000

0

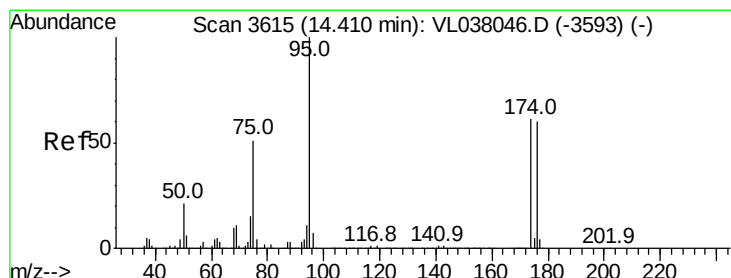
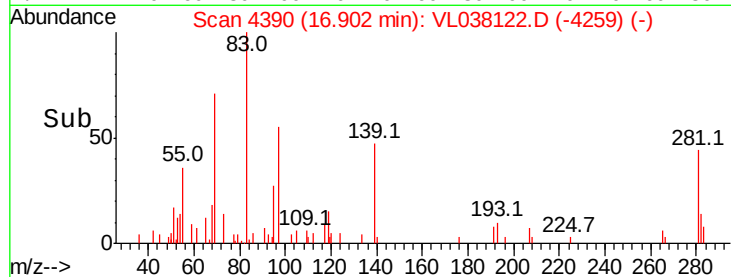
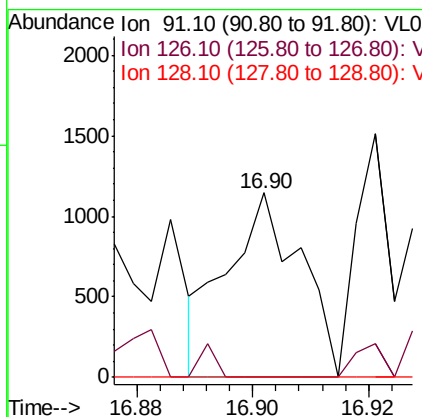
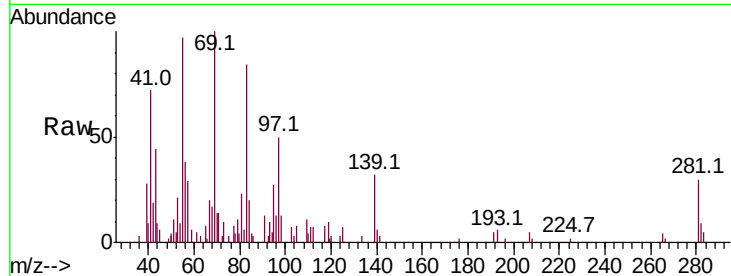
Time-->





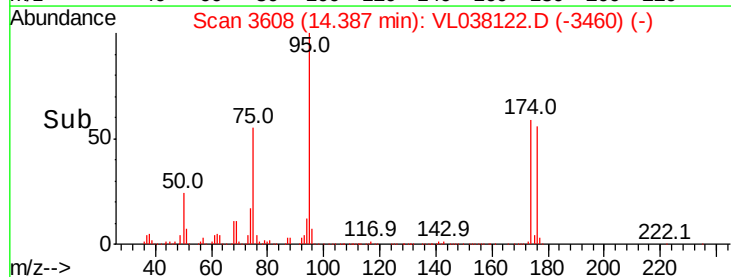
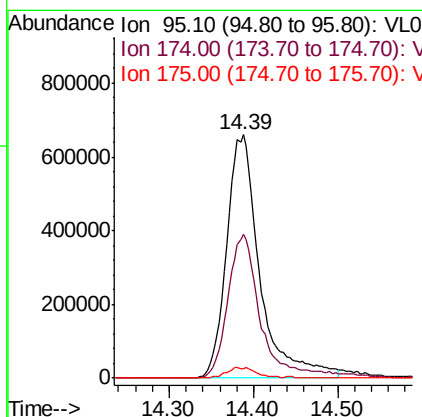
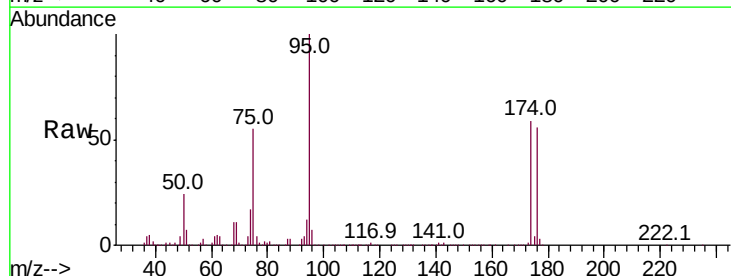
#66
Benzyl Chloride
Concen: 0.056 ppbv
RT: 16.90 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 24 Nov 2021 8:00
SG-CURATED-HOME

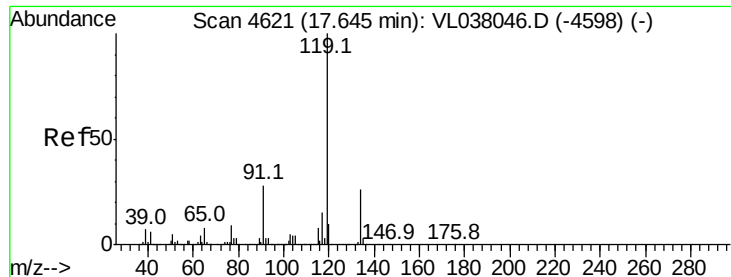
Tot Ion: 91 Resp: 1006
Ion Ratio Lower Upper
91 100
126 203.6 15.5 23.3#
128 0.0 5.6 8.4#



#68
1-Bromo-4-Fluorobenzene
Concen: 11.468 ppbv
RT: 14.39 min Scan# 3608
Delta R.T.: -0.02 min
Lab File: VL038122.D
Acq: 24 Nov 2021 6:00

Tgt Ion: 95 Resp: 1806818
Ion Ratio Lower Upper
95 100
174 59.3 53.1 79.7
175 4.2 4.0 6.0





#69

p-Isopropyltoluene

Concen: 0.118 ppbv

RT: 17.62

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Nov 2021 8:00

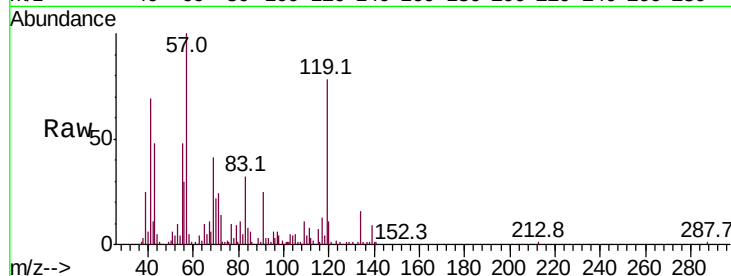
Tot Ion: 119 Resp: 45195

Ion Ratio Lower Upper

119 100

134 41.8 20.6 30.8#

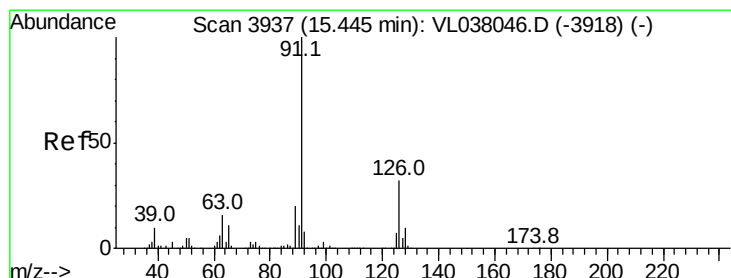
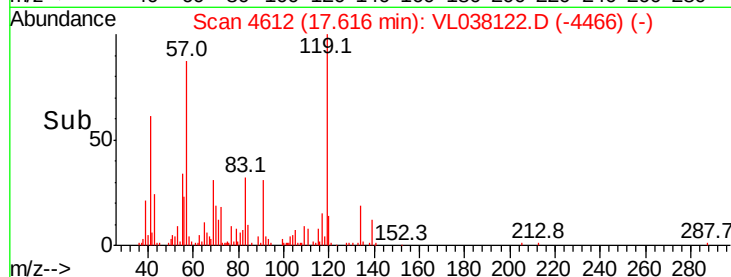
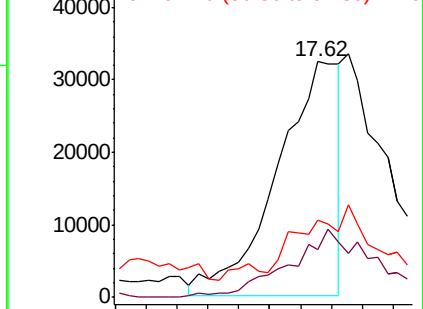
91 0.0 22.2 33.4#



Abundance Ion 119.10 (118.80 to 119.80): V

Ion 134.20 (133.90 to 134.90): V

Ion 91.10 (90.80 to 91.80): VLO



#71

2-Chlorotoluene

Concen: 1.257 ppbv

RT: 15.29 min Scan# 3888

Delta R.T. -0.16 min

Lab File: VL038122.D

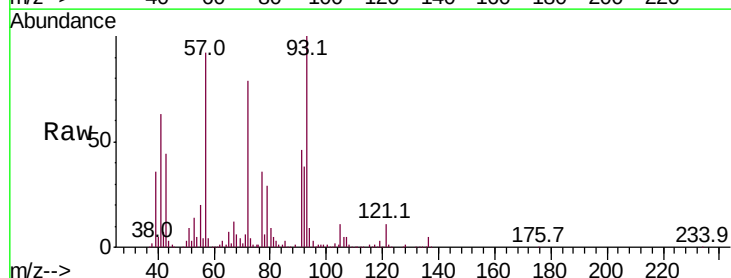
Acq: 24 Nov 2021 6:00

Tgt Ion: 91 Resp: 367808

Ion Ratio Lower Upper

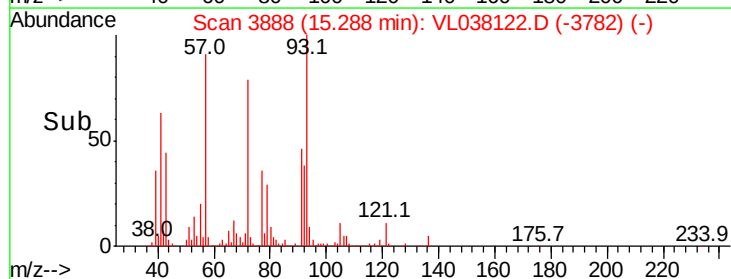
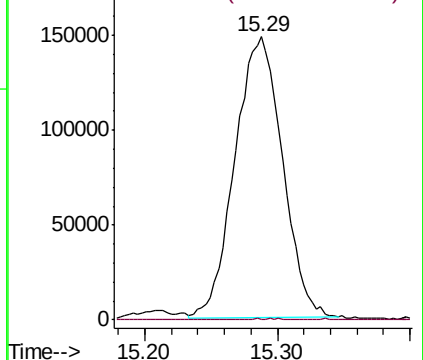
91 100

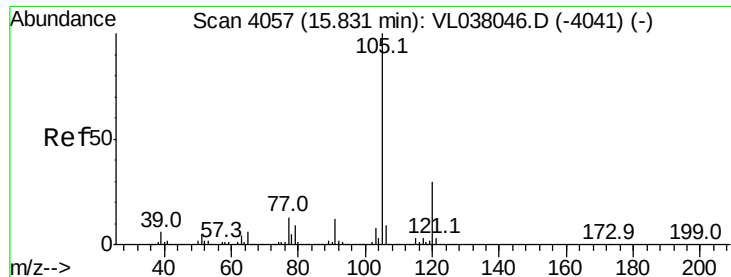
126 0.4 13.1 52.3#



Abundance Ion 91.10 (90.80 to 91.80): VLO

Ion 126.10 (125.80 to 126.80): V





#72

4-Ethyltoluene

Concen: 0.071 ppbv

RT: 15.81

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Nov 2021 8:00

Tot Ion:105 Resp: 23311

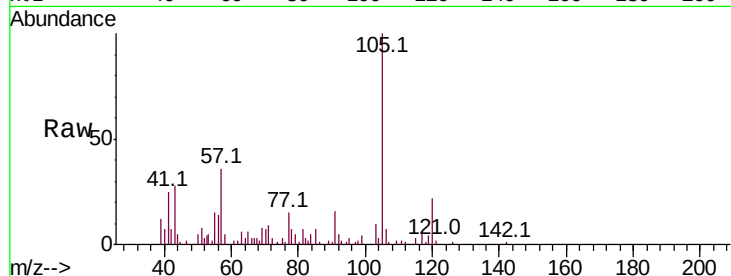
Ion Ratio Lower Upper

105 100

120 0.0 25.1 37.7#

91 0.0 9.7 14.5#

77 0.0 10.6 16.0#



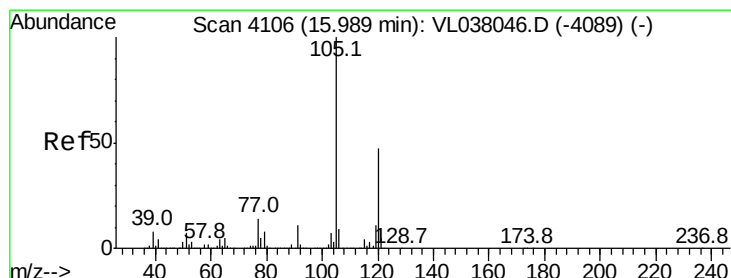
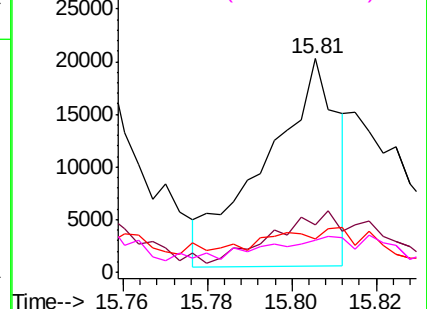
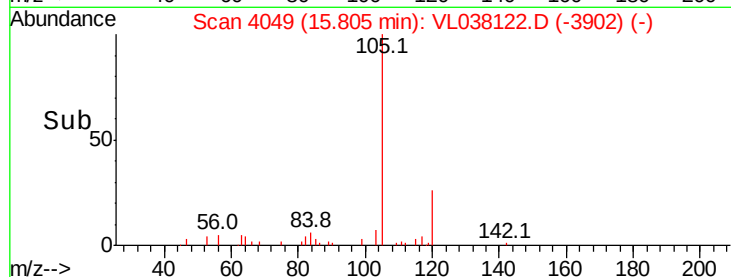
Abundance

Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#73

1,3,5-Trimethylbenzene

Concen: 0.087 ppbv

RT: 15.97 min Scan# 4099

Delta R.T. -0.02 min

Lab File: VL038122.D

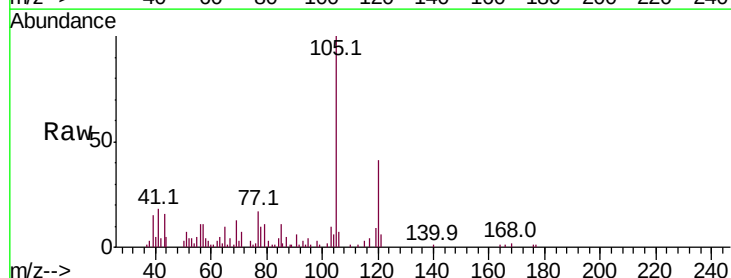
Acq: 24 Nov 2021 6:00

Tgt Ion:105 Resp: 25923

Ion Ratio Lower Upper

105 100

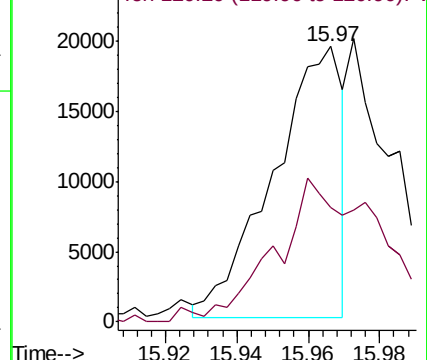
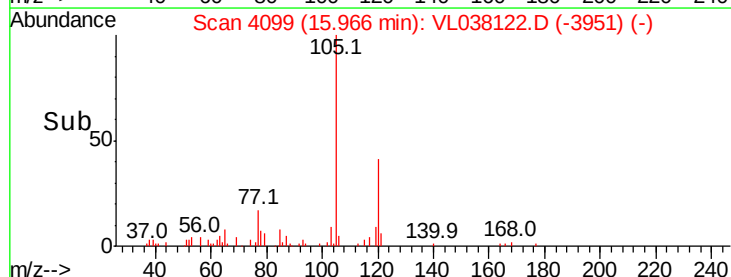
120 46.4 37.8 56.6

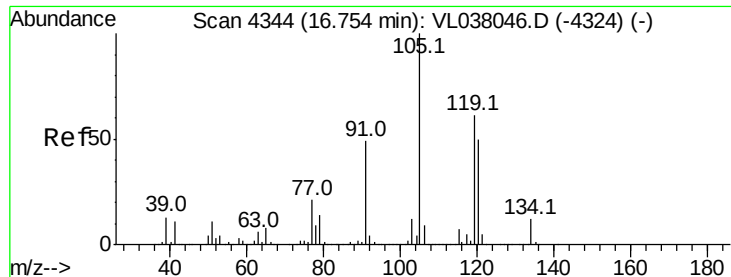


Abundance

Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#74

1,2,4-Trimethylbenzene

Concen: 0.526 ppbv

RT: 16.73

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Nov 2021 8:00

Tot Ion:105 Resp: 161941

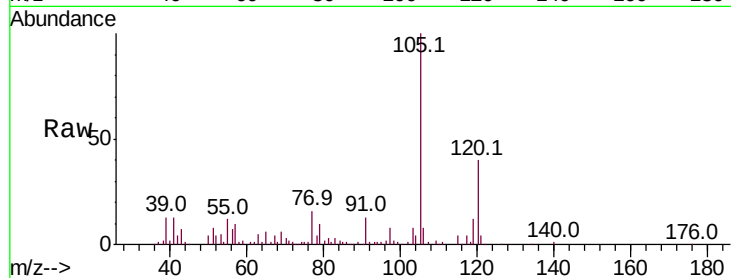
Ion Ratio Lower Upper

105 100

120 40.0 40.1 60.1#

91 11.8 39.8 59.8#

77 14.2 16.6 25.0#



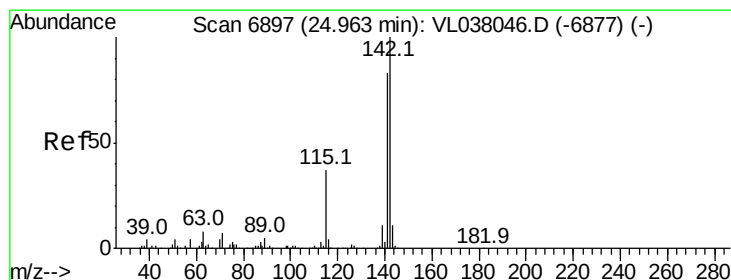
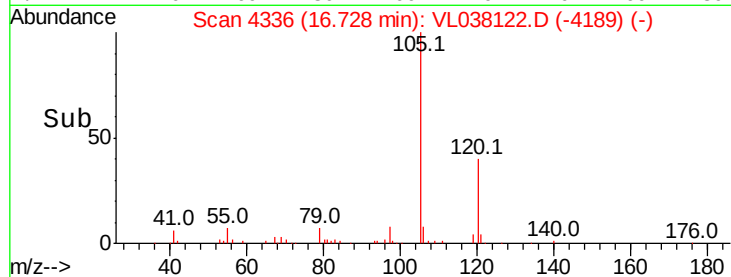
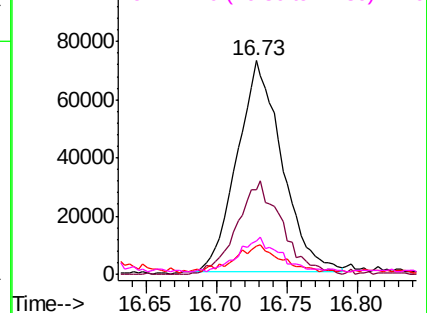
Abundance

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



#80

Naphthalene, 2-methyl-

Concen: 0.100 ppbv

RT: 24.95 min Scan# 6894

Delta R.T. -0.01 min

Lab File: VL038122.D

Acq: 24 Nov 2021 6:00

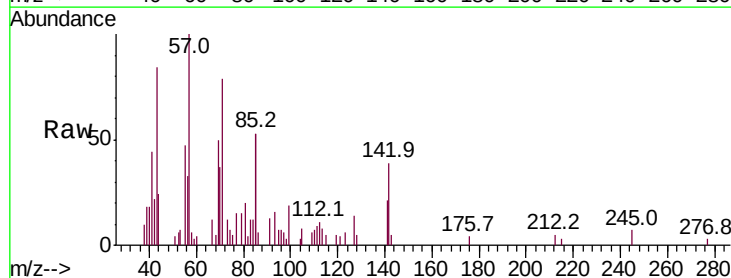
Tgt Ion:142 Resp: 3474

Ion Ratio Lower Upper

142 100

141 92.1 67.3 100.9

115 46.3 28.9 43.3#



Abundance

Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

