

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
 Data File : VL041479.D
 Acq On : 1 Aug 2024 15:34
 Operator : SY/MD
 Sample : P3445-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1ST-FLOOR

Quant Time: Aug 02 04:11:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 02 03:13:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.195	49	863256	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2258398	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2216972	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1739774	10.197	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.735	85	23045	0.155	ppbv	97
3) Chlorodifluoromethane	2.681	51	1654827	16.103	ppbv	95
4) Chloromethane	2.819	50	51021	0.933	ppbv	91
9) Propene	2.877	41	1843765	39.055	ppbv	98
10) Heptane	7.581	43	109603	1.033	ppbv	97
11) Trichlorofluoromethane	3.568	101	32679	0.248	ppbv	93
12) 1,1,2-Trichlorotrifluo...	4.070	101	6566	0.069	ppbv	89
13) Ethanol	3.263	45	12005597	2845.328	ppbv	89
15) Acetone	3.468	43	5146480	52.470	ppbv	99
16) 1,3-Butadiene	3.015	39	142302	2.715	ppbv #	16
17) tert-Butyl alcohol	3.600	59	204703	2.288	ppbv	99
19) Isopropyl Alcohol	3.597	45	5181972	90.369	ppbv #	98
20) Methylene Chloride	3.938	84	2669548	72.987	ppbv	97
21) Allyl Chloride	3.938	41	95991	1.492	ppbv #	19
23) Vinyl Acetate	4.616	43	124936	1.668	ppbv #	20
25) Ethyl Acetate	5.214	43	1146294	5.883	ppbv #	87
26) Hexane	5.214	57	1094990	13.546	ppbv #	50
27) Carbon Disulfide	4.124	76	9667	0.102	ppbv #	90
29) Chloroform	5.279	83	96336	0.731	ppbv	99
30) Cyclohexane	6.600	84	4757	0.072	ppbv #	1
31) cis-1,2-Dichloroethene	5.201	61	24265	0.304	ppbv #	26
34) 2-Butanone	4.790	43	191215	1.750	ppbv	97
35) Carbon Tetrachloride	6.500	117	3802	0.031	ppbv	87
36) Benzene	6.372	78	51953	0.315	ppbv	92
37) 1,2-Dichloroethane	5.809	62	6392	0.069	ppbv #	84
39) 1,2-Dichloropropane	6.658	63	556335	8.806	ppbv #	25
41) Tetrahydrofuran	5.568	42	7593	0.122	ppbv #	37
42) Bromodichloromethane	7.256	83	4812	0.036	ppbv #	53
44) 2,2,4-Trimethylpentane	7.327	57	341279	1.238	ppbv #	85
50) 4-Methyl-2-Pentanone	8.192	43	7583	0.044	ppbv #	29
51) 2-Hexanone	9.552	43	5800	0.045	ppbv #	30
53) Toluene	9.224	91	1087222	5.915	ppbv	100
58) Ethyl Benzene	12.089	91	76590	0.300	ppbv	94
59) m/p-Xylene	12.378	91	20911	0.095	ppbv #	31
60) o-Xylene	13.063	91	53647	0.257	ppbv	99
61) Styrene	12.902	104	20819	0.221	ppbv #	69
67) sec-Butylbenzene	16.934	105	49744	0.126	ppbv	96
69) p-Isopropyltoluene	16.995	119	148868	0.454	ppbv	98
72) 4-Ethyltoluene	15.198	105	10606	0.043	ppbv #	29
73) 1,3,5-Trimethylbenzene	15.352	105	21081	0.100	ppbv	87
74) 1,2,4-Trimethylbenzene	16.111	105	51512	0.209	ppbv #	70
76) 1,4-Dichlorobenzene	16.477	146	21522	0.144	ppbv #	9
79) Naphthalene	21.394	128	17422	0.080	ppbv	97

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Instrument :
MSVOA_L
ClientSampleId :
1ST-FLOOR

Quant Time: Aug 02 04:11:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Fri Aug 02 03:13:29 2024
Response via : Initial Calibration

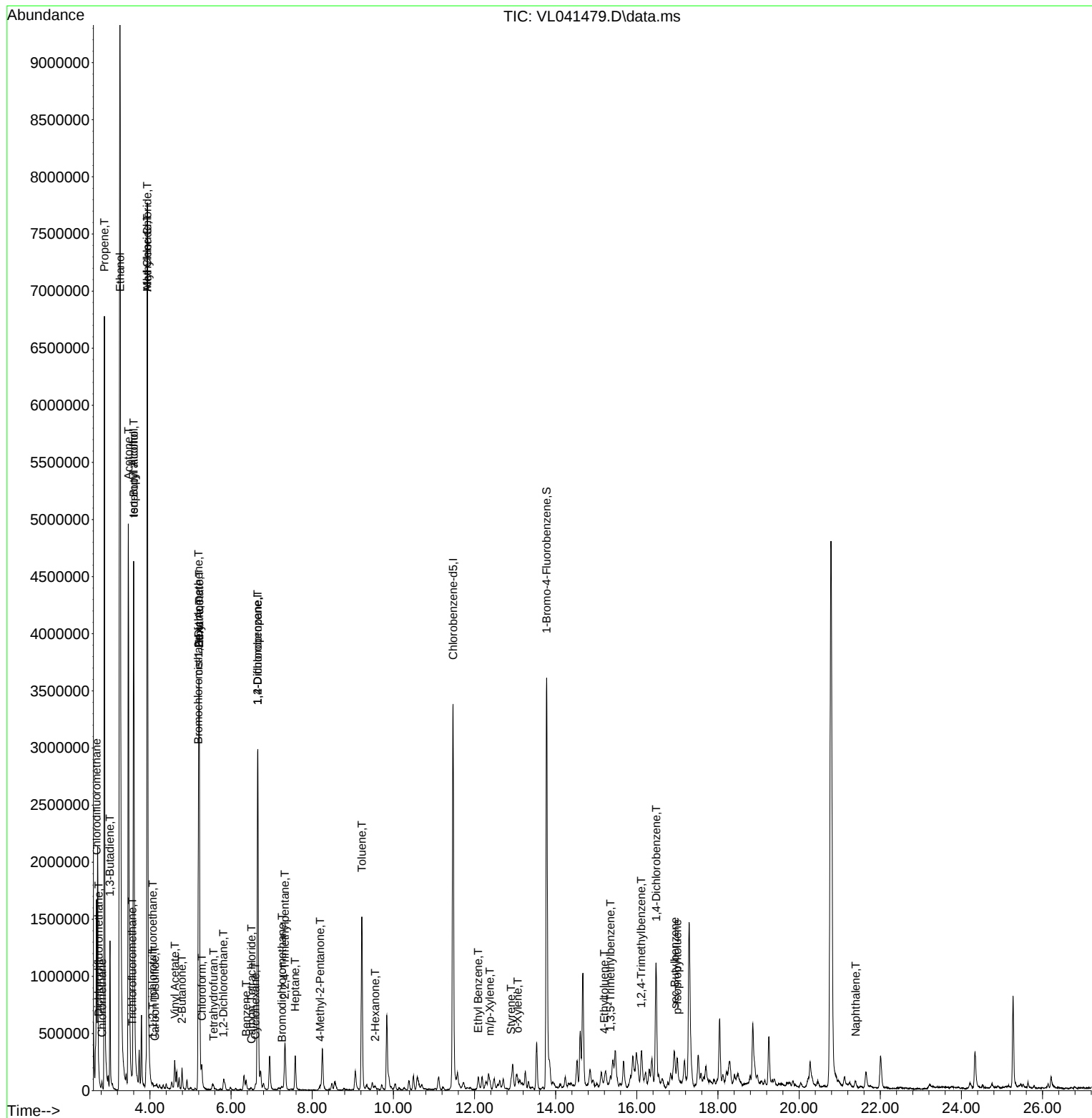
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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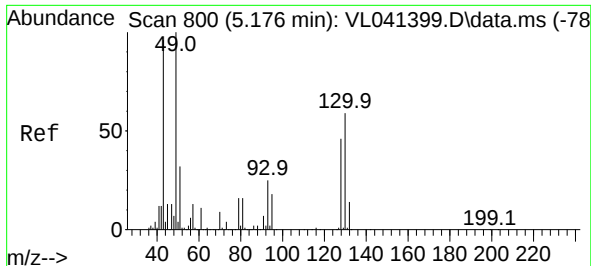
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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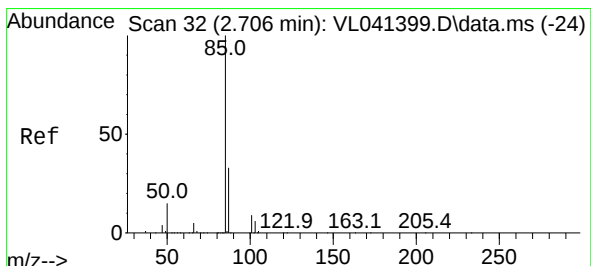
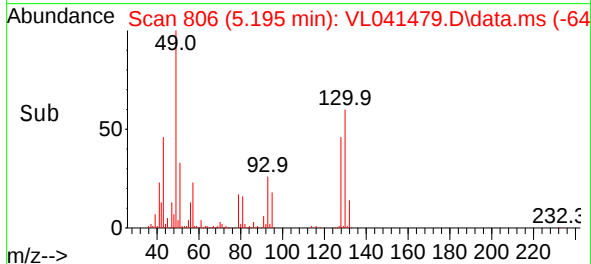
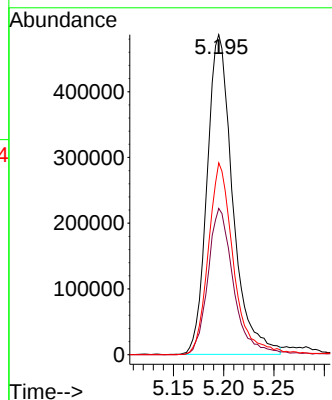
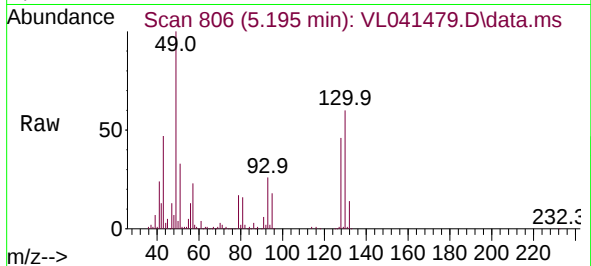




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL041479.D
Acq: 1 Aug 2024 15:34

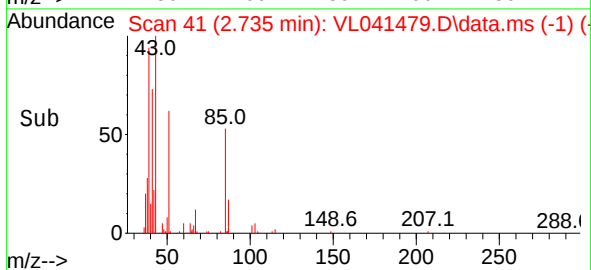
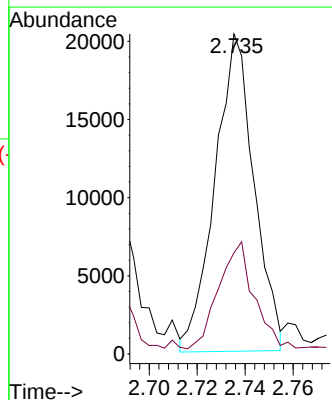
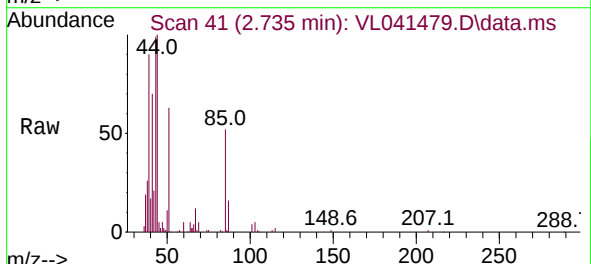
Instrument :
MSVOA_L
ClientSampleId :
1ST-FLOOR

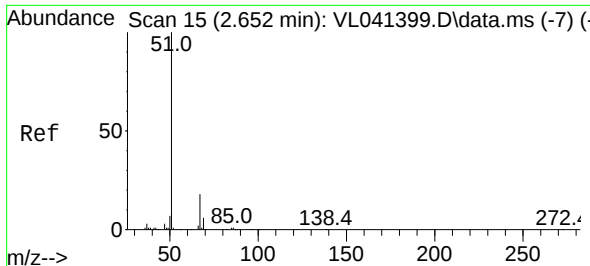
Tgt Ion: 49 Resp: 863256
Ion Ratio Lower Upper
49 100
128 46.4 23.8 71.4
130 59.8 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 0.155 ppbv
RT: 2.735 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL041479.D
Acq: 1 Aug 2024 15:34

Tgt Ion: 85 Resp: 23045
Ion Ratio Lower Upper
85 100
87 31.0 26.0 39.0

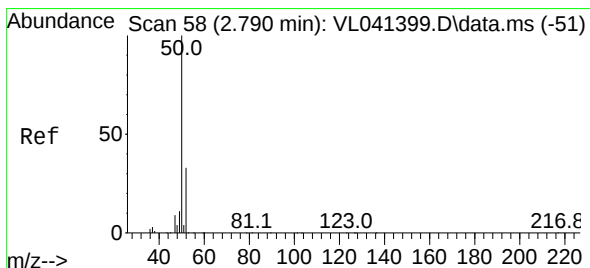
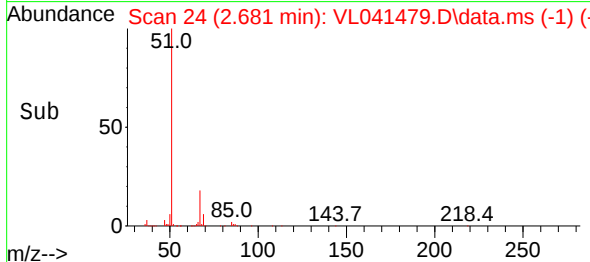
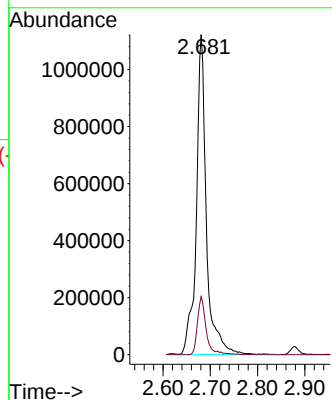
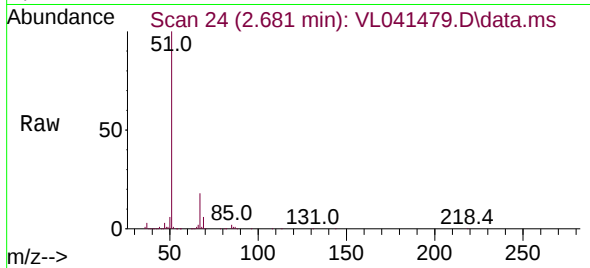




#3
Chlorodifluoromethane
Concen: 16.103 ppbv
RT: 2.681 min Scan# 24
Delta R.T. 0.006 min
Lab File: VL041479.D
Acq: 1 Aug 2024 15:34

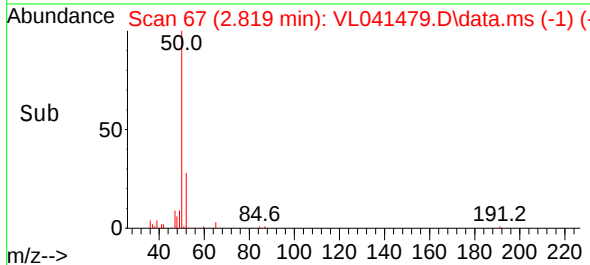
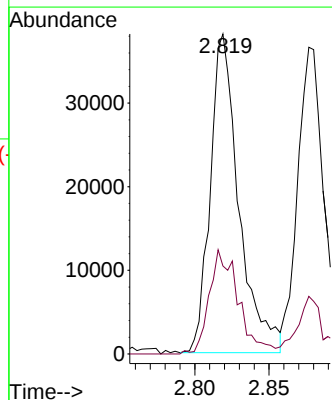
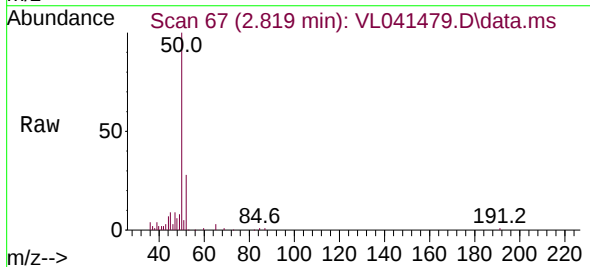
Instrument :
MSVOA_L
ClientSampleId :
1ST-FLOOR

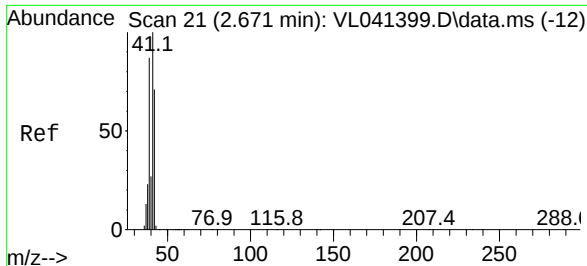
Tgt Ion: 51 Resp: 1654827
Ion Ratio Lower Upper
51 100
67 15.8 14.5 21.7



#4
Chloromethane
Concen: 0.933 ppbv
RT: 2.819 min Scan# 67
Delta R.T. 0.006 min
Lab File: VL041479.D
Acq: 1 Aug 2024 15:34

Tgt Ion: 50 Resp: 51021
Ion Ratio Lower Upper
50 100
52 27.6 26.1 39.1

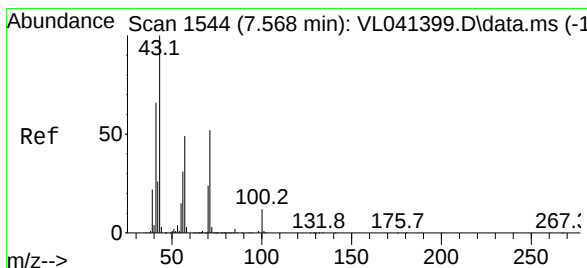
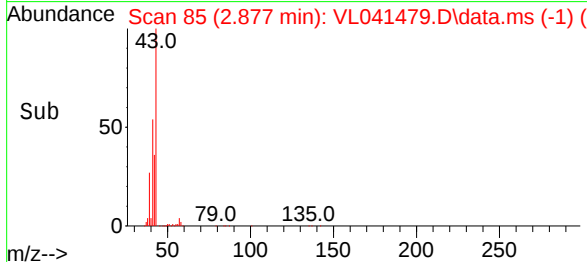
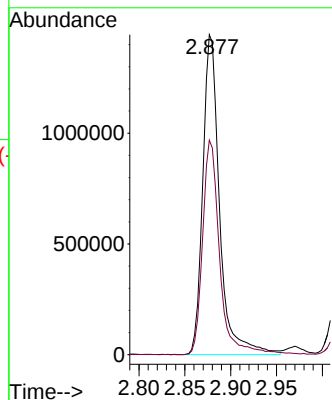
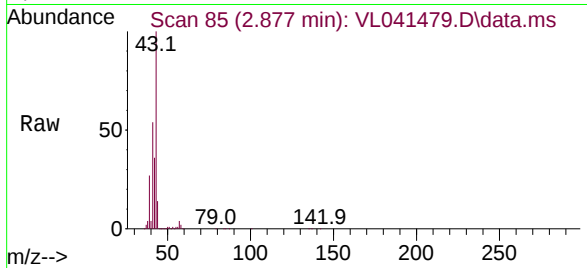




#9
 Propene
 Concen: 39.055 ppbv
 RT: 2.877 min Scan# 84
 Delta R.T. 0.183 min
 Lab File: VL041479.D
 Acq: 1 Aug 2024 15:34

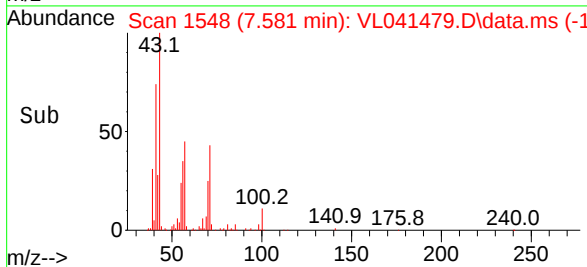
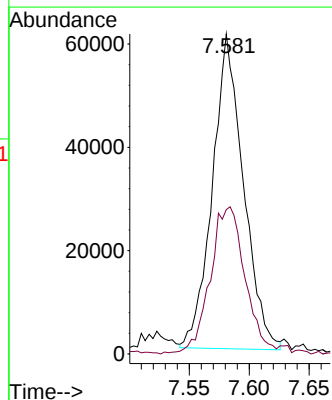
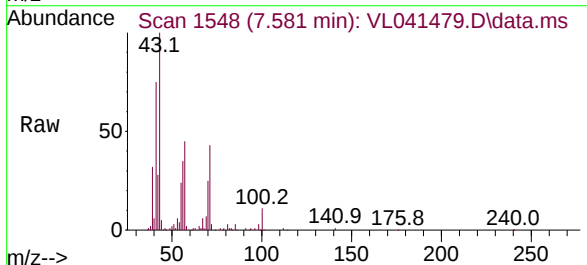
Instrument :
 MSVOA_L
 ClientSampleId :
 1ST-FLOOR

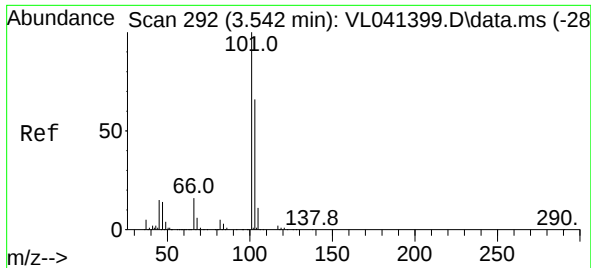
Tgt Ion: 41 Resp: 1843765
 Ion Ratio Lower Upper
 41 100
 42 68.0 55.9 83.9



#10
 Heptane
 Concen: 1.033 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. 0.003 min
 Lab File: VL041479.D
 Acq: 1 Aug 2024 15:34

Tgt Ion: 43 Resp: 109603
 Ion Ratio Lower Upper
 43 100
 57 52.9 40.5 60.7





#11

Trichlorofluoromethane

Concen: 0.248 ppbv

RT: 3.568 min Scan# 300

Delta R.T. 0.006 min

Lab File: VL041479.D

Acq: 1 Aug 2024 15:34

Instrument :

MSVOA_L

ClientSampleId :

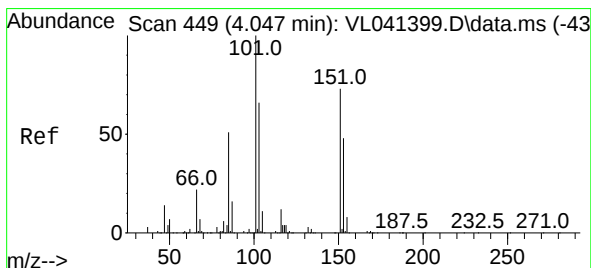
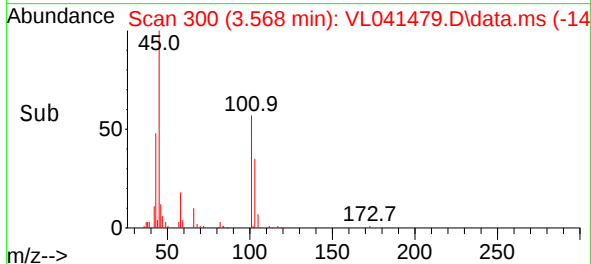
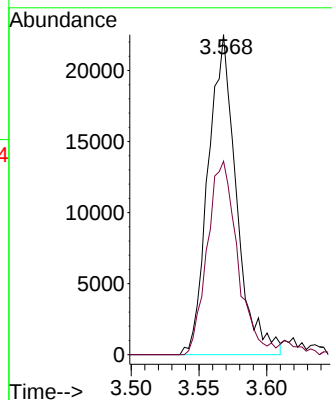
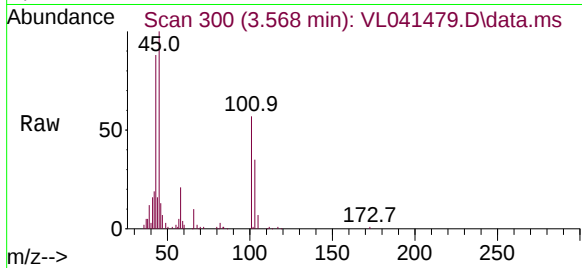
1ST-FLOOR

Tgt Ion:101 Resp: 32679

Ion Ratio Lower Upper

101 100

103 60.5 52.6 79.0



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.069 ppbv

RT: 4.070 min Scan# 456

Delta R.T. 0.006 min

Lab File: VL041479.D

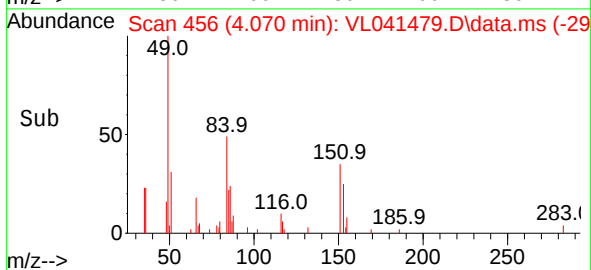
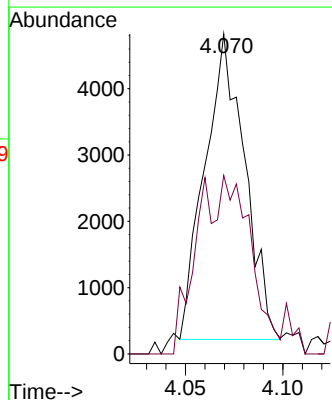
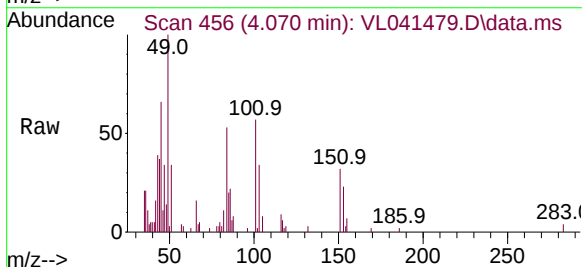
Acq: 1 Aug 2024 15:34

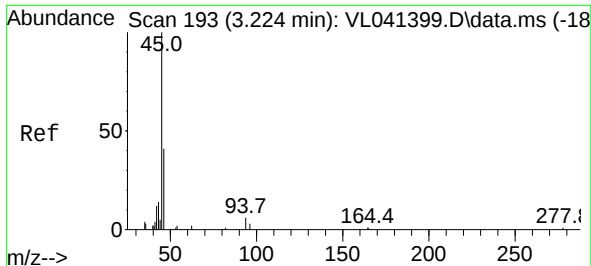
Tgt Ion:101 Resp: 6566

Ion Ratio Lower Upper

101 100

151 83.5 59.4 89.2





#13

Ethanol

Concen: 2845.328 ppbv

RT: 3.263 min Scan# 205

Delta R.T. 0.016 min

Lab File: VL041479.D

Acq: 1 Aug 2024 15:34

Instrument :

MSVOA_L

ClientSampleId :

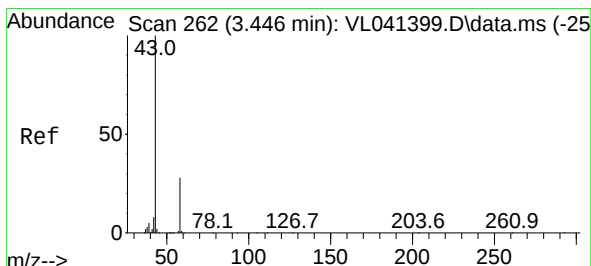
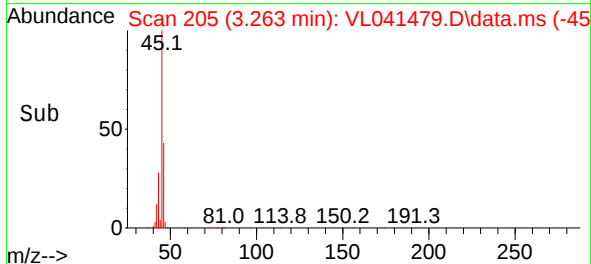
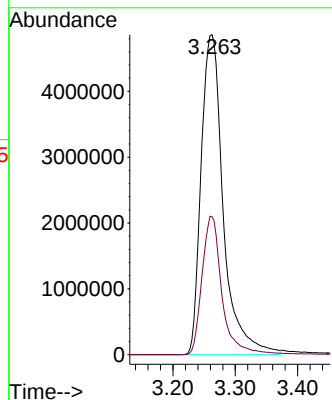
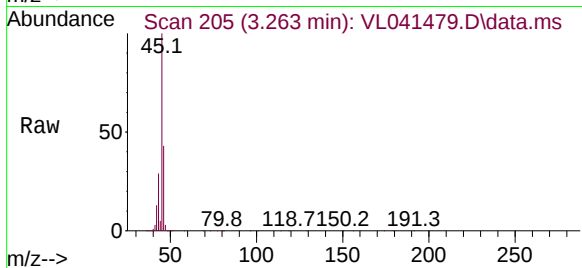
1ST-FLOOR

Tgt Ion: 45 Resp:12005597

Ion Ratio Lower Upper

45 100

46 39.6 13.4 53.4



#15

Acetone

Concen: 52.470 ppbv

RT: 3.468 min Scan# 269

Delta R.T. 0.003 min

Lab File: VL041479.D

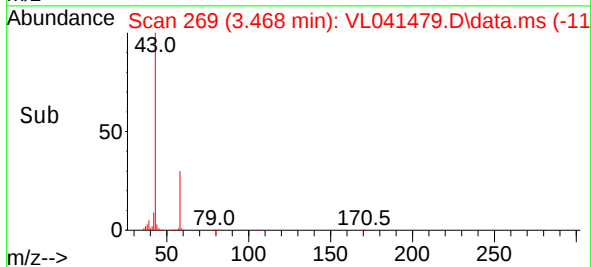
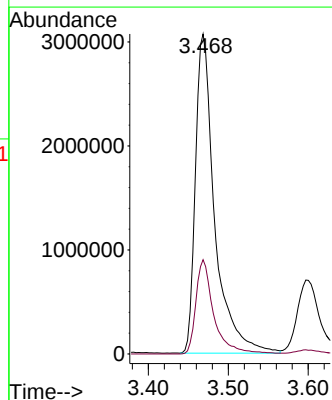
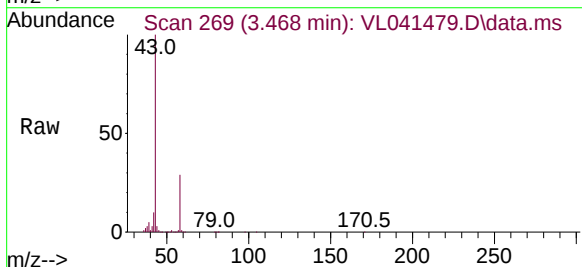
Acq: 1 Aug 2024 15:34

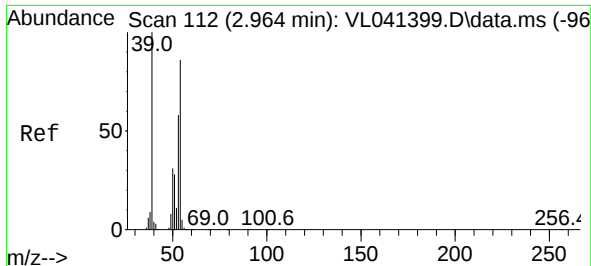
Tgt Ion: 43 Resp: 5146480

Ion Ratio Lower Upper

43 100

58 27.5 21.4 32.2

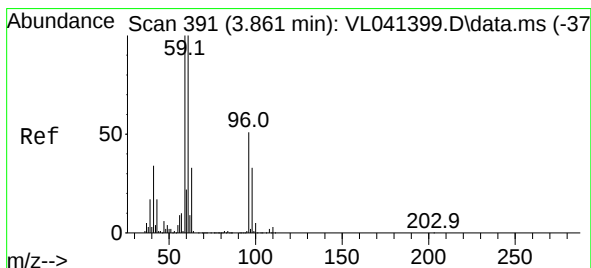
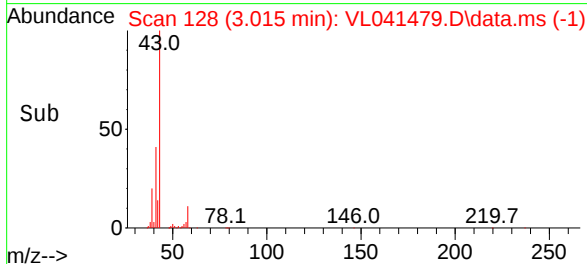
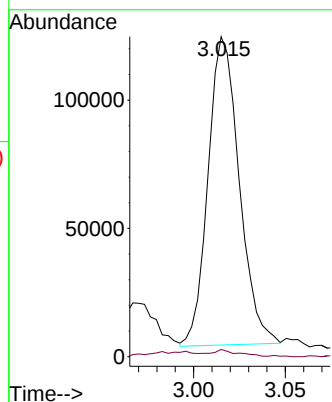
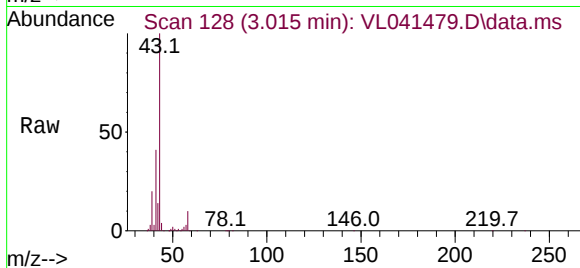




#16
1,3-Butadiene
Concen: 2.715 ppbv
RT: 3.015 min Scan# 11
Delta R.T. 0.029 min
Lab File: VL041479.D
Acq: 1 Aug 2024 15:34

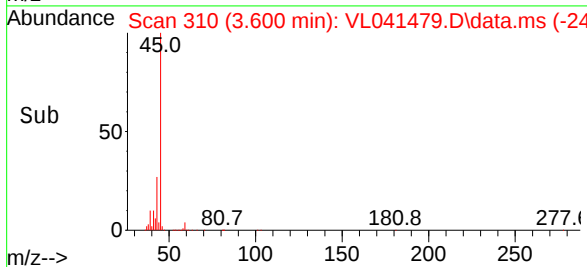
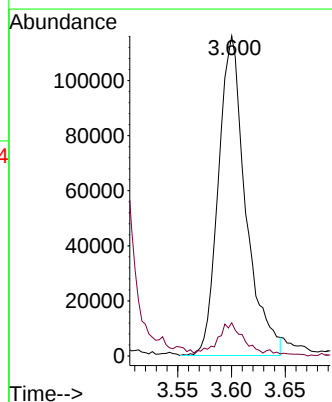
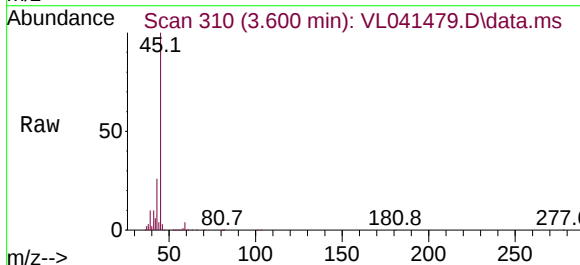
Instrument :
MSVOA_L
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1ST-FLOOR

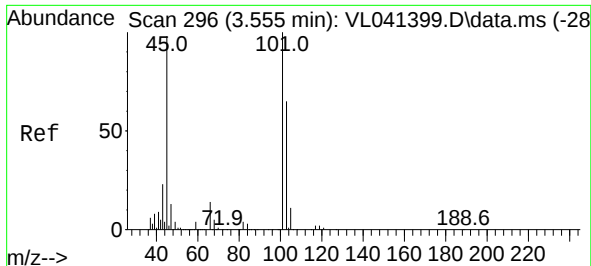
Tgt Ion: 39 Resp: 142302
Ion Ratio Lower Upper
39 100
54 4.7 62.5 93.7#



#17
tert-Butyl alcohol
Concen: 2.288 ppbv
RT: 3.600 min Scan# 310
Delta R.T. -0.273 min
Lab File: VL041479.D
Acq: 1 Aug 2024 15:34

Tgt Ion: 59 Resp: 204703
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8





#19

Isopropyl Alcohol

Concen: 90.369 ppbv

RT: 3.597 min Scan# 309

Delta R.T. 0.022 min

Lab File: VL041479.D

Acq: 1 Aug 2024 15:34

Instrument :

MSVOA_L

ClientSampleId :

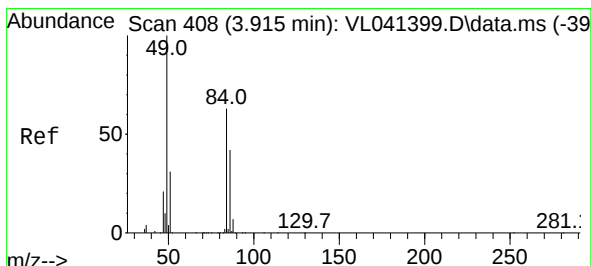
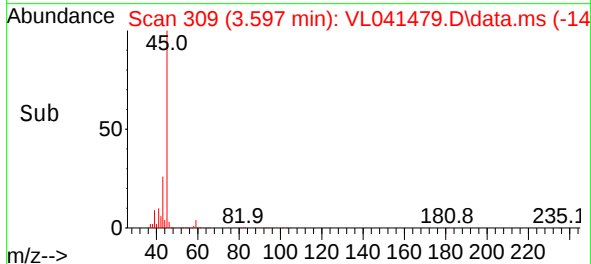
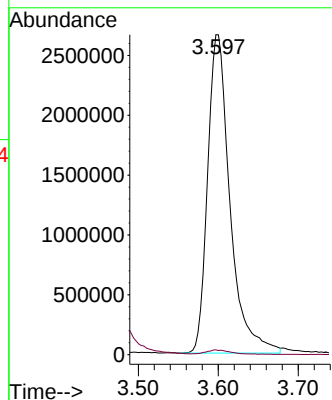
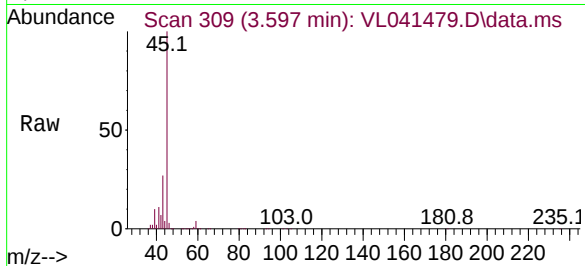
1ST-FLOOR

Tgt Ion: 45 Resp: 5181972

Ion Ratio Lower Upper

45 100

58 1.9 1.9 2.9#



#20

Methylene Chloride

Concen: 72.987 ppbv

RT: 3.938 min Scan# 415

Delta R.T. 0.006 min

Lab File: VL041479.D

Acq: 1 Aug 2024 15:34

Tgt Ion: 84 Resp: 2669548

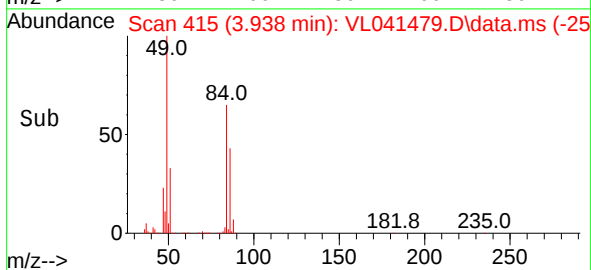
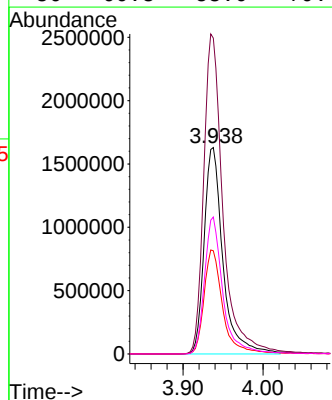
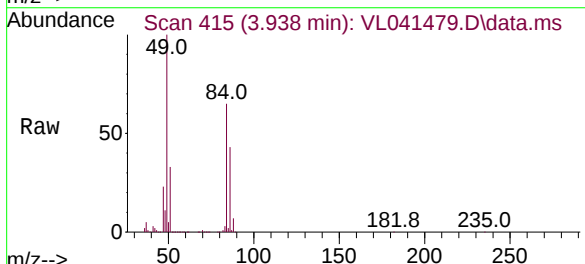
Ion Ratio Lower Upper

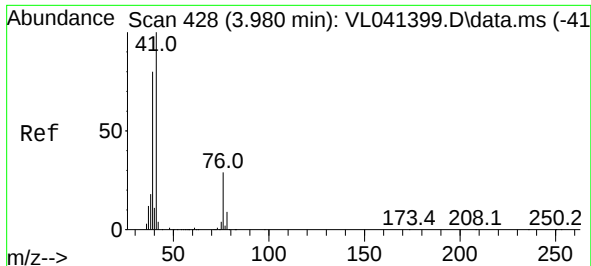
84 100

49 153.0 126.6 190.0

51 50.0 38.6 58.0

86 66.3 53.0 79.4





#21

Allyl Chloride

Concen: 1.492 ppbv

RT: 3.938 min Scan# 41

Delta R.T. -0.058 min

Lab File: VL041479.D

Acq: 1 Aug 2024 15:34

Instrument :

MSVOA_L

ClientSampleId :

1ST-FLOOR

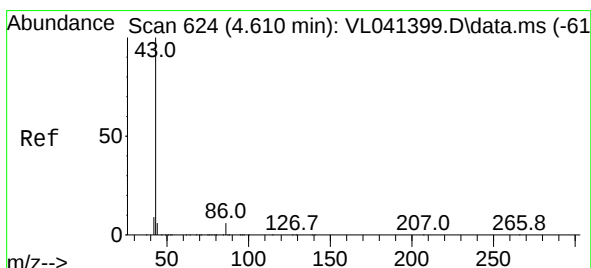
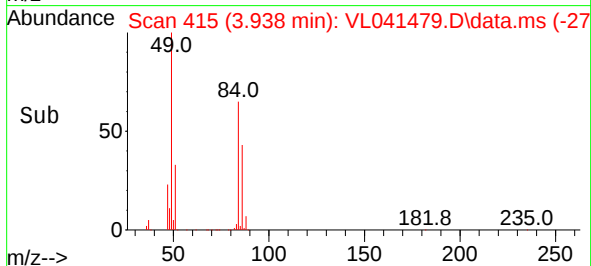
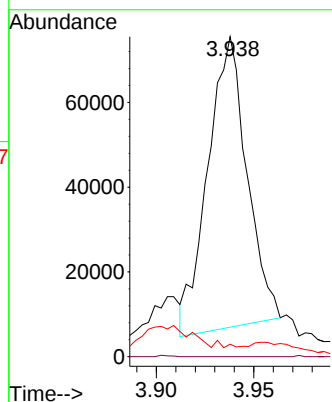
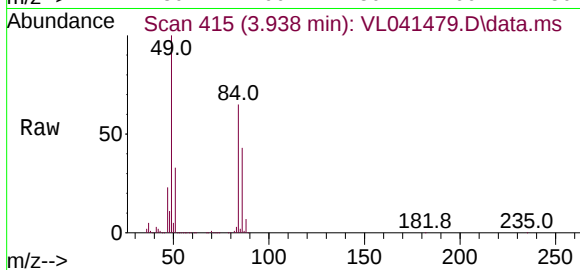
Tgt Ion: 41 Resp: 95991

Ion Ratio Lower Upper

41 100

76 0.0 23.7 35.5#

39 0.0 64.3 96.5#



#23

Vinyl Acetate

Concen: 1.668 ppbv

RT: 4.616 min Scan# 626

Delta R.T. -0.010 min

Lab File: VL041479.D

Acq: 1 Aug 2024 15:34

Tgt Ion: 43 Resp: 124936

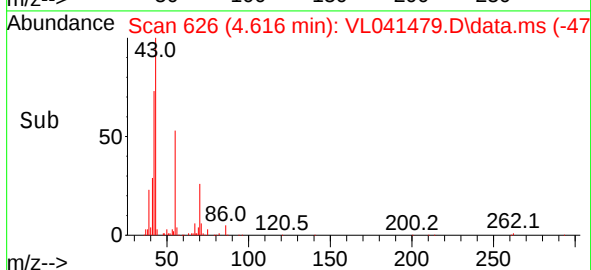
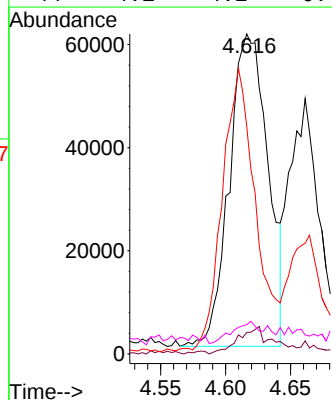
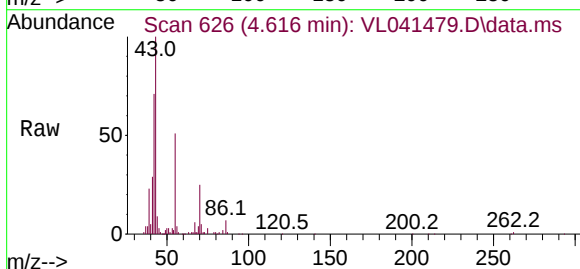
Ion Ratio Lower Upper

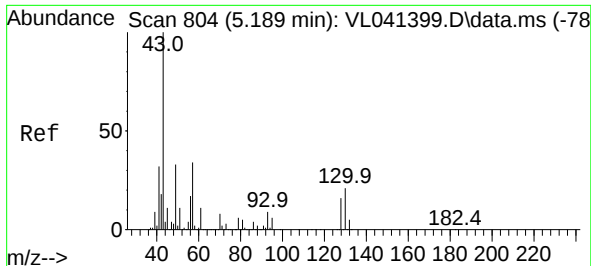
43 100

86 6.6 4.6 6.8

42 71.2 7.9 11.9#

44 4.1 4.2 6.4#





#25

Ethyl Acetate

Concen: 5.883 ppbv

RT: 5.214 min Scan# 812

Delta R.T. 0.013 min

Lab File: VL041479.D

Acq: 1 Aug 2024 15:34

Instrument :

MSVOA_L

ClientSampleId :

1ST-FLOOR

Tgt Ion: 43 Resp: 1146294

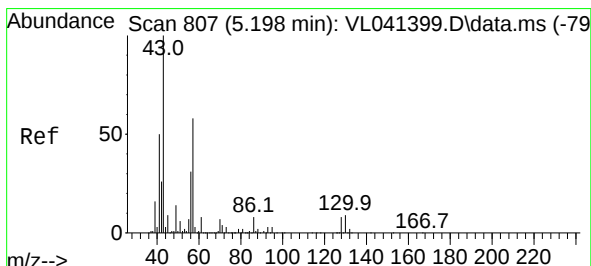
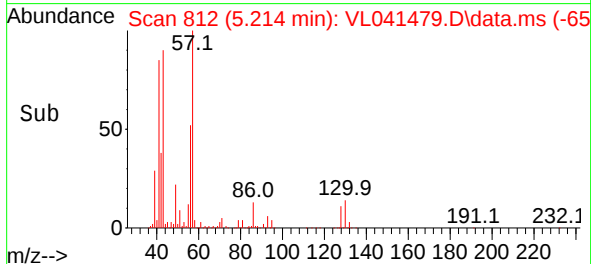
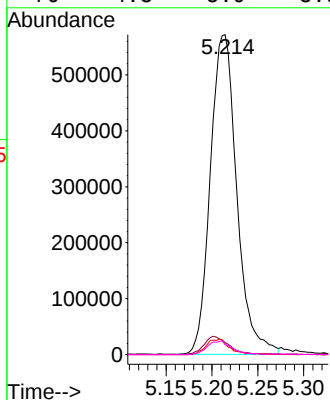
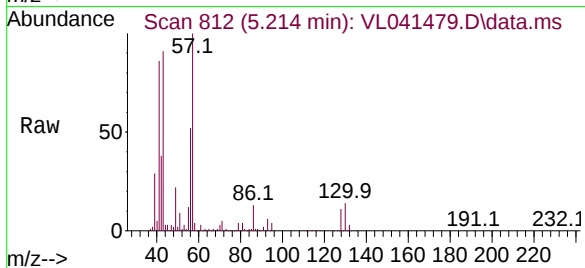
Ion Ratio Lower Upper

43 100

45 5.5 8.5 12.7#

61 4.5 8.0 12.0#

70 4.3 5.9 8.9#



#26

Hexane

Concen: 13.546 ppbv

RT: 5.214 min Scan# 812

Delta R.T. 0.003 min

Lab File: VL041479.D

Acq: 1 Aug 2024 15:34

Tgt Ion: 57 Resp: 1094990

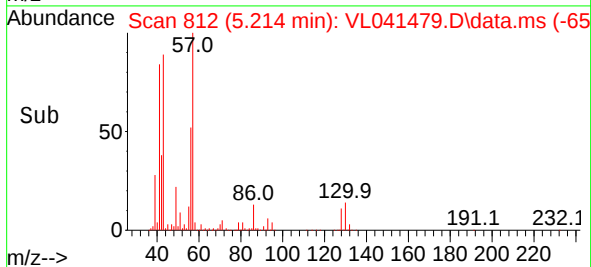
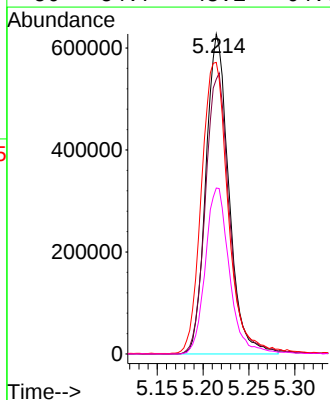
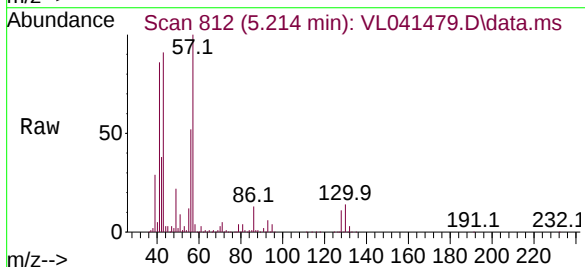
Ion Ratio Lower Upper

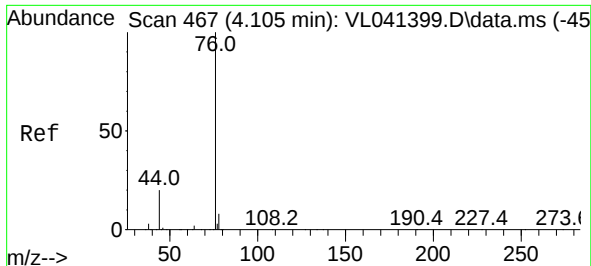
57 100

41 93.4 74.0 111.0

43 106.6 193.6 290.4#

56 54.7 43.1 64.7





#27

Carbon Disulfide

Concen: 0.102 ppbv

RT: 4.124 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041479.D

Acq: 1 Aug 2024 15:34

Instrument :

MSVOA_L

ClientSampleId :

1ST-FLOOR

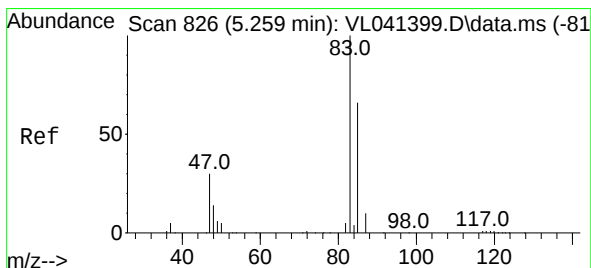
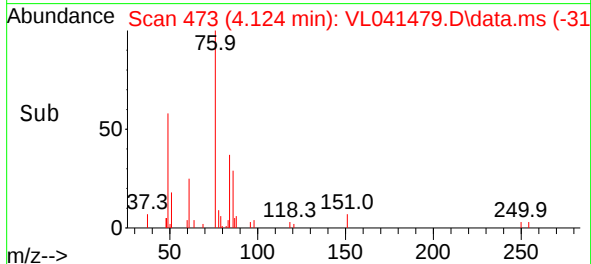
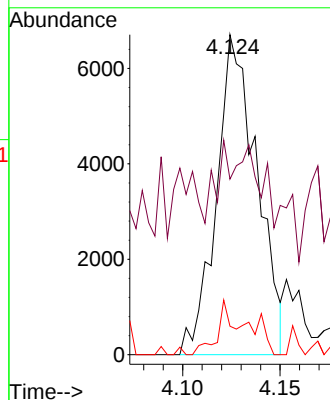
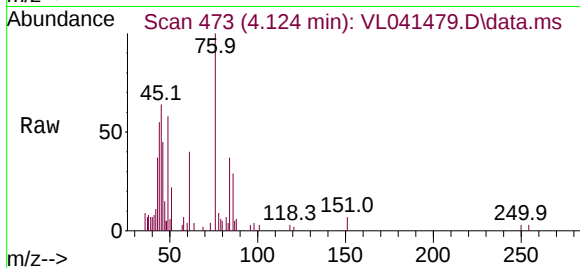
Tgt Ion: 76 Resp: 9667

Ion Ratio Lower Upper

76 100

44 24.3 15.6 23.4#

78 12.8 7.7 11.5#



#29

Chloroform

Concen: 0.731 ppbv

RT: 5.279 min Scan# 832

Delta R.T. 0.006 min

Lab File: VL041479.D

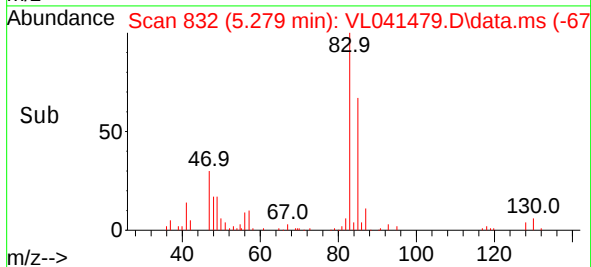
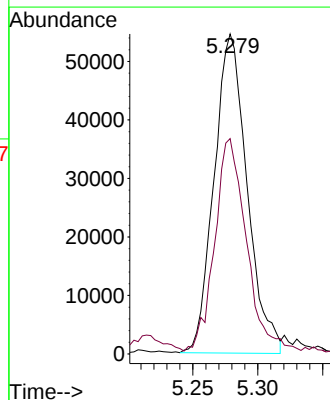
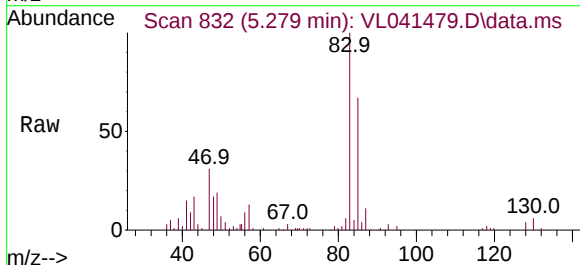
Acq: 1 Aug 2024 15:34

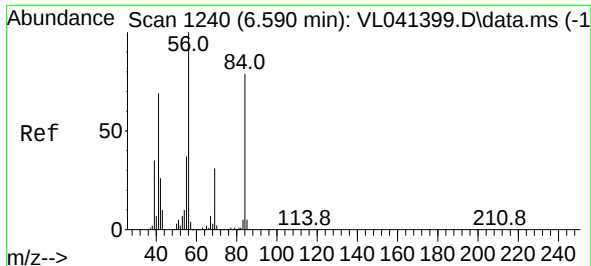
Tgt Ion: 83 Resp: 96336

Ion Ratio Lower Upper

83 100

85 65.9 53.1 79.7





#30

Cyclohexane

Concen: 0.072 ppbv

RT: 6.600 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL041479.D

Acq: 1 Aug 2024 15:34

Instrument :

MSVOA_L

ClientSampleId :

1ST-FLOOR

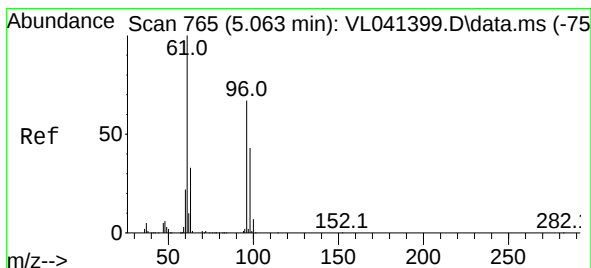
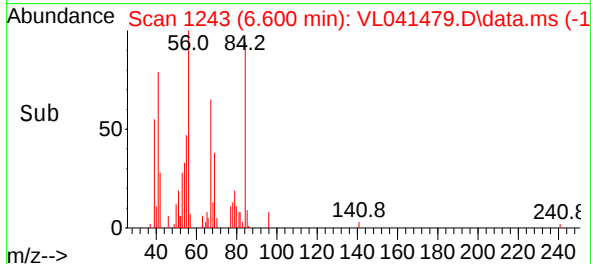
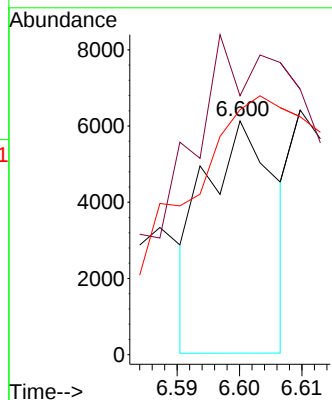
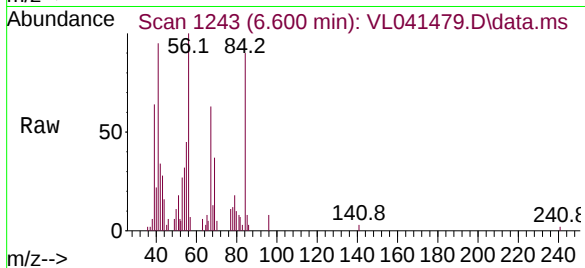
Tgt Ion: 84 Resp: 4757

Ion Ratio Lower Upper

84 100

56 341.5 111.2 166.8#

41 287.3 70.3 105.5#



#31

cis-1,2-Dichloroethene

Concen: 0.304 ppbv

RT: 5.201 min Scan# 808

Delta R.T. 0.125 min

Lab File: VL041479.D

Acq: 1 Aug 2024 15:34

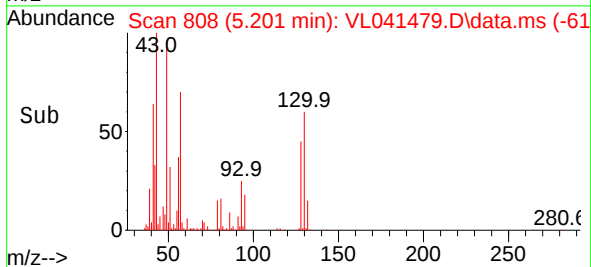
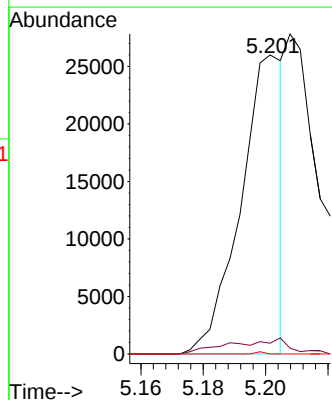
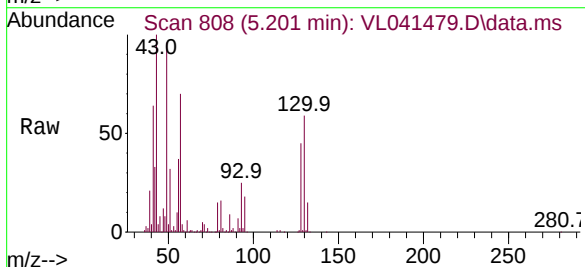
Tgt Ion: 61 Resp: 24265

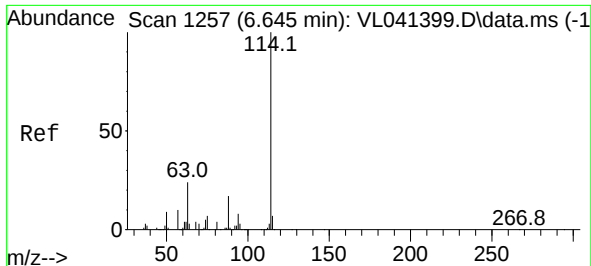
Ion Ratio Lower Upper

61 100

96 3.6 53.4 80.2#

98 0.0 34.4 51.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL041479.D

Acq: 1 Aug 2024 15:34

Instrument :

MSVOA_L

ClientSampleId :

1ST-FLOOR

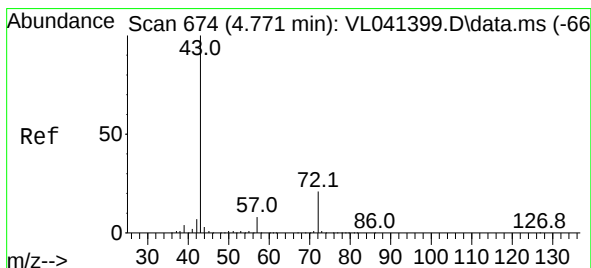
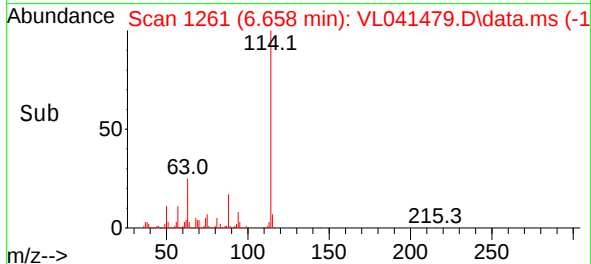
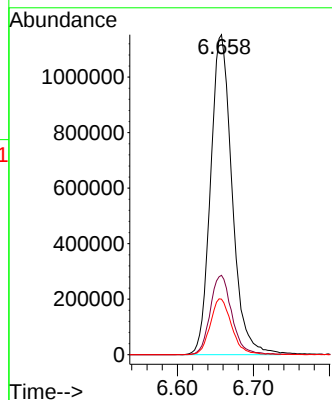
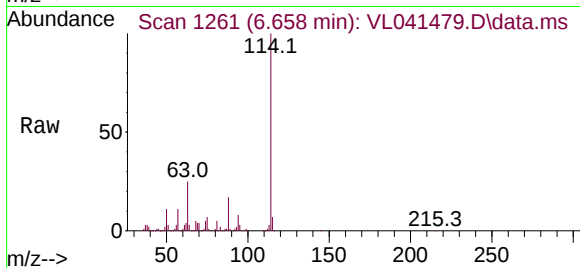
Tgt Ion:114 Resp: 2258398

Ion Ratio Lower Upper

114 100

63 25.2 20.3 30.5

88 17.5 14.3 21.5



#34

2-Butanone

Concen: 1.750 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.006 min

Lab File: VL041479.D

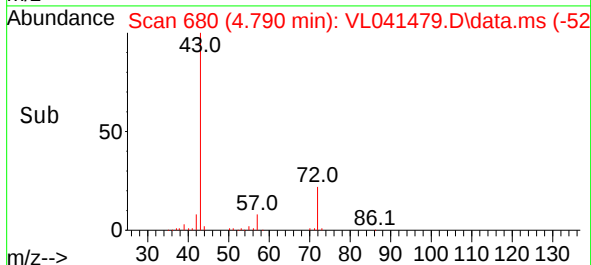
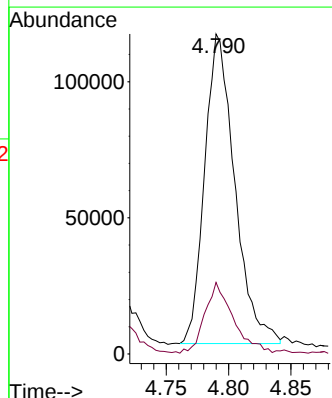
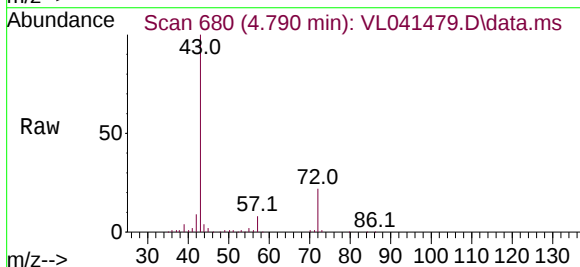
Acq: 1 Aug 2024 15:34

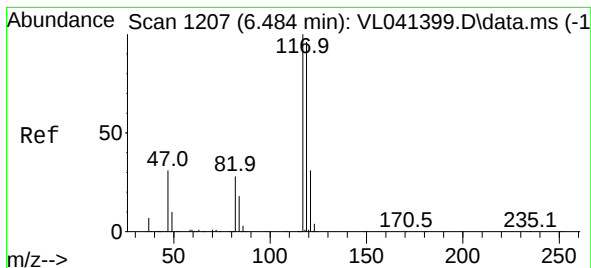
Tgt Ion: 43 Resp: 191215

Ion Ratio Lower Upper

43 100

72 22.9 17.3 25.9





#35

Carbon Tetrachloride

Concen: 0.031 ppbv

RT: 6.500 min Scan# 1172

Delta R.T. 0.010 min

Lab File: VL041479.D

Acq: 1 Aug 2024 15:34

Instrument :

MSVOA_1

ClientSampleId :

1ST-FLOOR

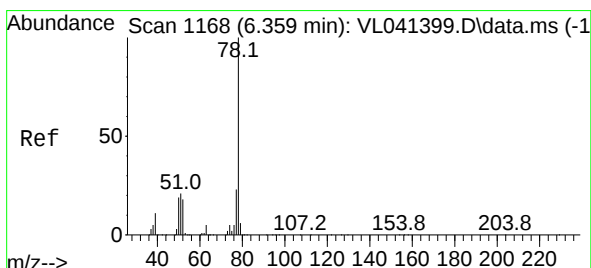
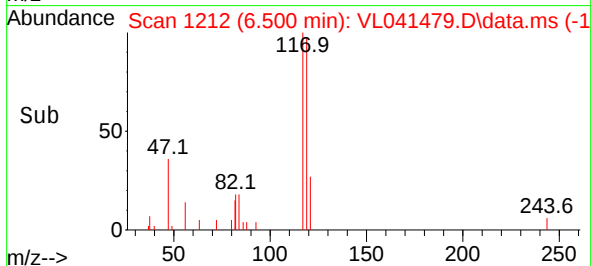
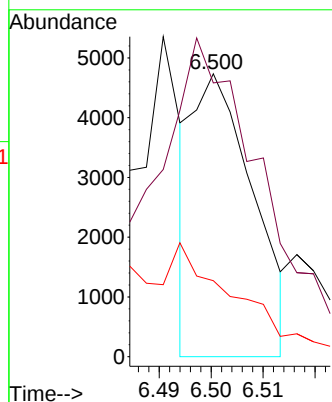
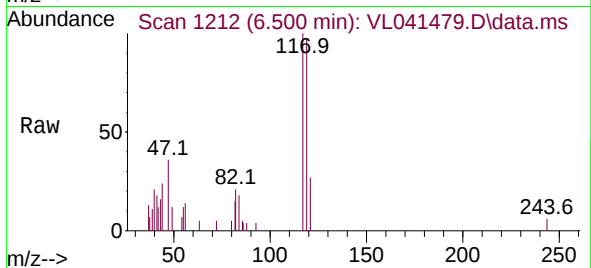
Tgt Ion:117 Resp: 3802

Ion Ratio Lower Upper

117 100

119 81.0 76.6 115.0

121 28.2 25.1 37.7



#36

Benzene

Concen: 0.315 ppbv

RT: 6.372 min Scan# 1172

Delta R.T. 0.003 min

Lab File: VL041479.D

Acq: 1 Aug 2024 15:34

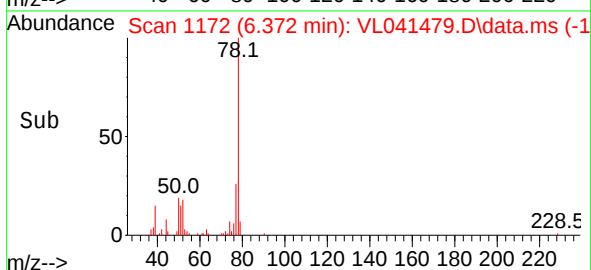
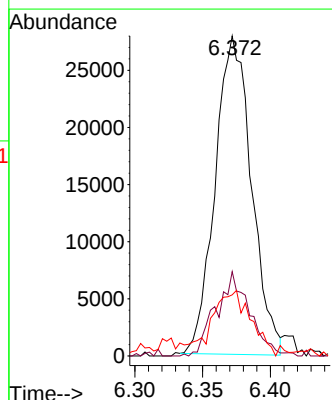
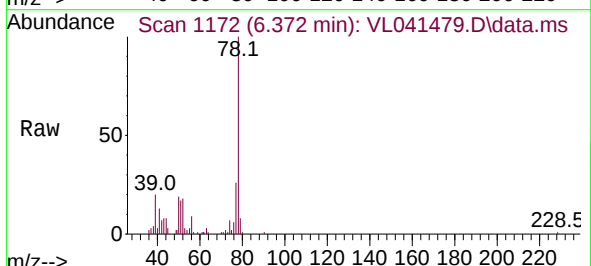
Tgt Ion: 78 Resp: 51953

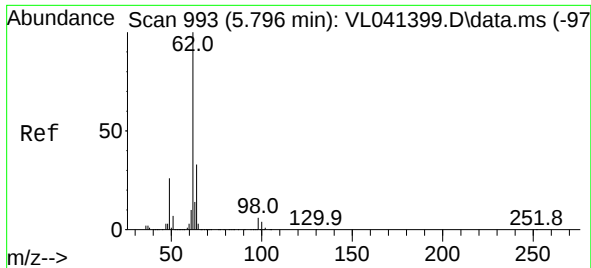
Ion Ratio Lower Upper

78 100

77 26.6 18.1 27.1

50 16.0 15.5 23.3





#37

1,2-Dichloroethane

Concen: 0.069 ppbv

RT: 5.809 min Scan# 9

Delta R.T. 0.003 min

Lab File: VL041479.D

Acq: 1 Aug 2024 15:34

Instrument :

MSVOA_L

ClientSampleId :

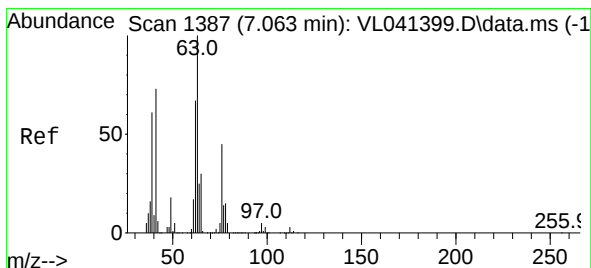
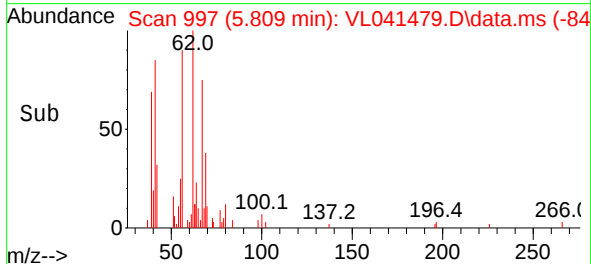
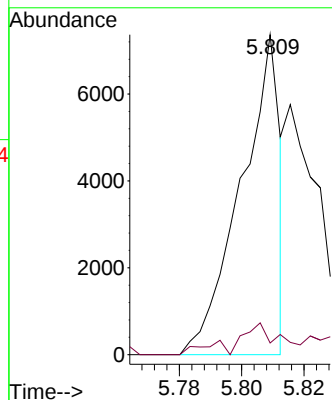
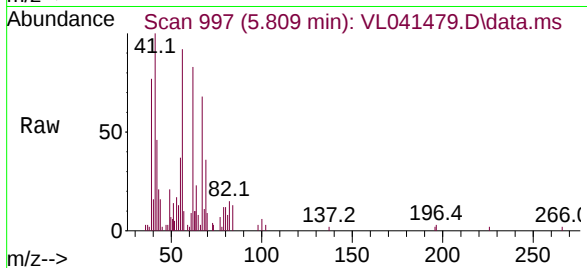
1ST-FLOOR

Tgt Ion: 62 Resp: 6392

Ion Ratio Lower Upper

62 100

98 11.5 5.0 7.4#



#39

1,2-Dichloropropane

Concen: 8.806 ppbv

RT: 6.658 min Scan# 1261

Delta R.T. -0.412 min

Lab File: VL041479.D

Acq: 1 Aug 2024 15:34

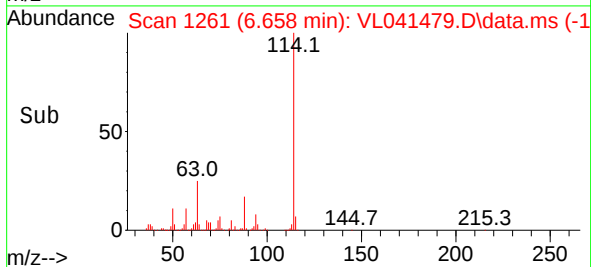
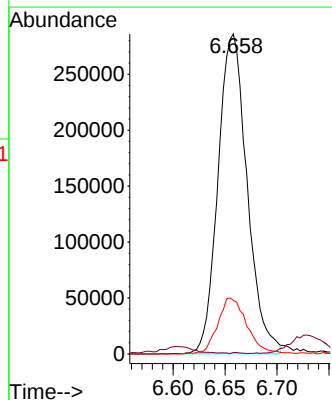
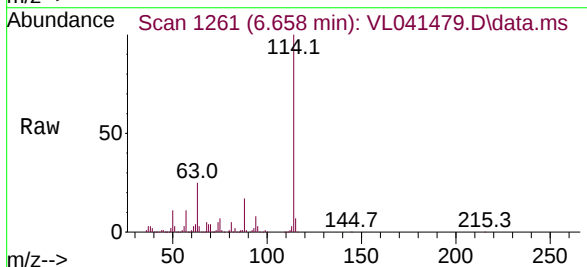
Tgt Ion: 63 Resp: 556335

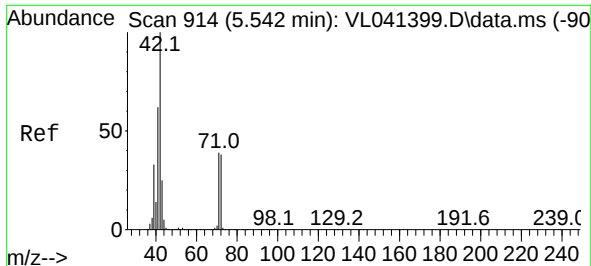
Ion Ratio Lower Upper

63 100

41 0.0 58.3 87.5#

62 16.7 53.9 80.9#





#41

Tetrahydrofuran

Concen: 0.122 ppbv

RT: 5.568 min Scan# 914

Delta R.T. 0.016 min

Lab File: VL041479.D

Acq: 1 Aug 2024 15:34

Instrument :

MSVOA_L

ClientSampleId :

1ST-FLOOR

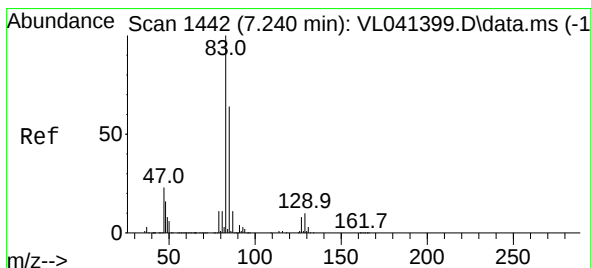
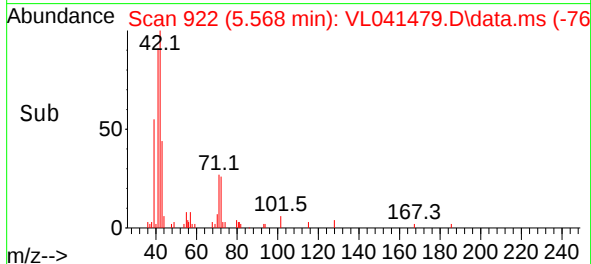
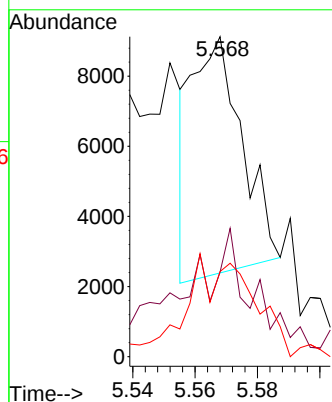
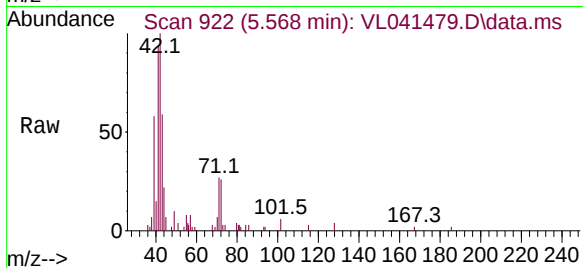
Tgt Ion: 42 Resp: 7593

Ion Ratio Lower Upper

42 100

72 95.3 31.2 46.8#

71 58.3 30.5 45.7#



#42

Bromodichloromethane

Concen: 0.036 ppbv

RT: 7.256 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VL041479.D

Acq: 1 Aug 2024 15:34

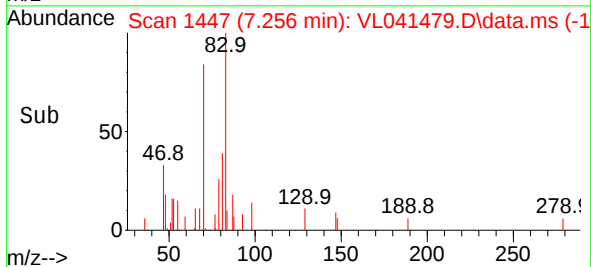
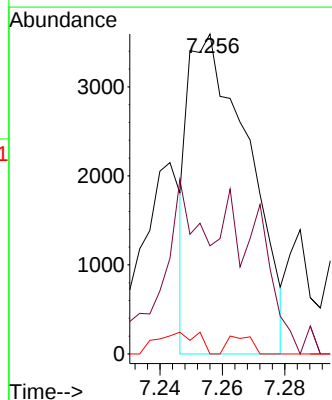
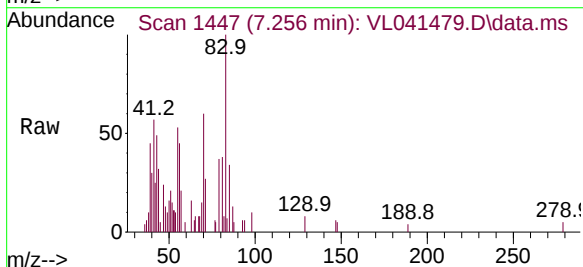
Tgt Ion: 83 Resp: 4812

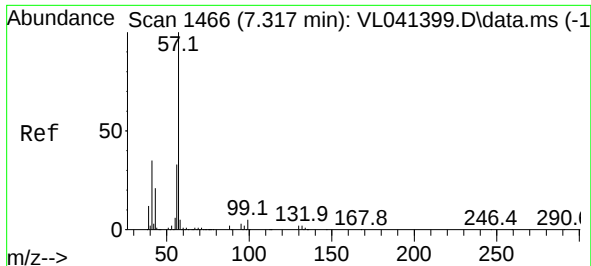
Ion Ratio Lower Upper

83 100

85 25.4 51.4 77.0#

127 0.0 6.7 10.1#





#44

2,2,4-Trimethylpentane

Concen: 1.238 ppbv

RT: 7.327 min Scan# 1466

Delta R.T. 0.003 min

Lab File: VL041479.D

Acq: 1 Aug 2024 15:34

Instrument :

MSVOA_L

ClientSampleId :

1ST-FLOOR

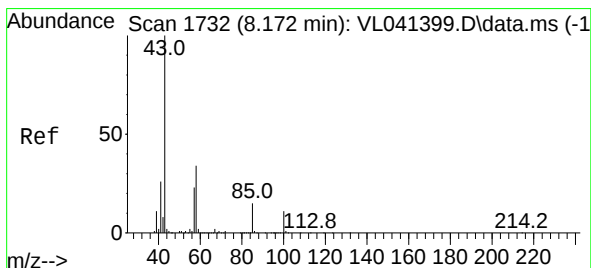
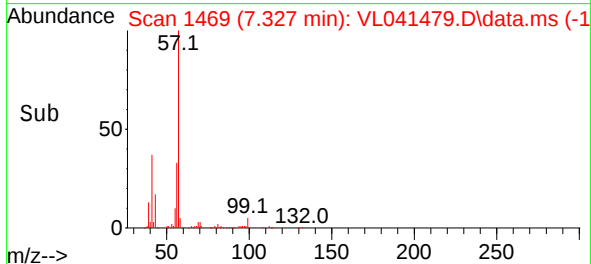
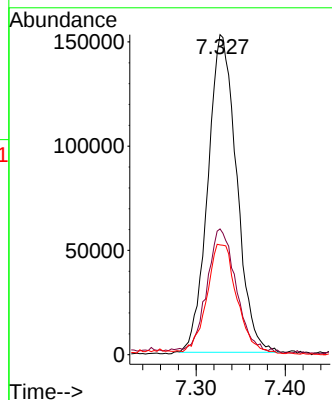
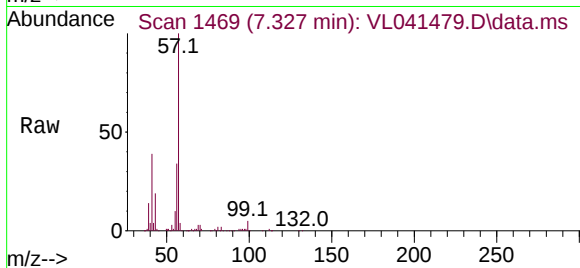
Tgt Ion: 57 Resp: 341279

Ion Ratio Lower Upper

57 100

41 44.0 27.0 40.6#

56 37.7 25.2 37.8



#50

4-Methyl-2-Pentanone

Concen: 0.044 ppbv

RT: 8.192 min Scan# 1738

Delta R.T. 0.013 min

Lab File: VL041479.D

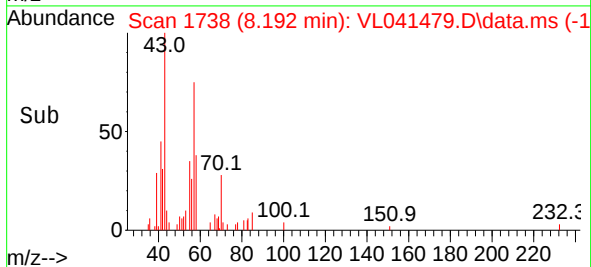
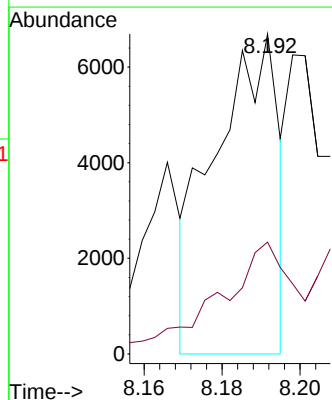
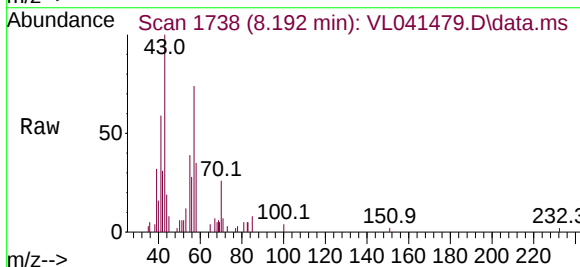
Acq: 1 Aug 2024 15:34

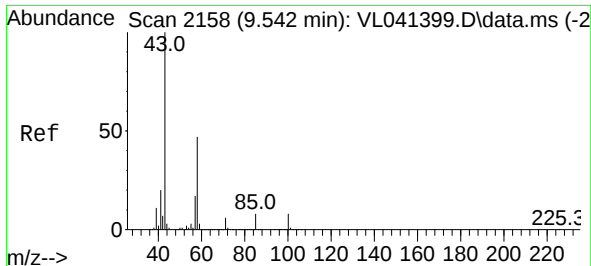
Tgt Ion: 43 Resp: 7583

Ion Ratio Lower Upper

43 100

58 75.8 27.9 41.9#

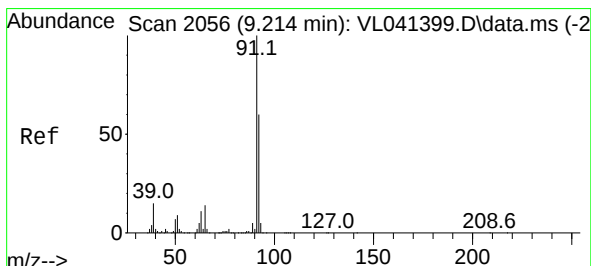
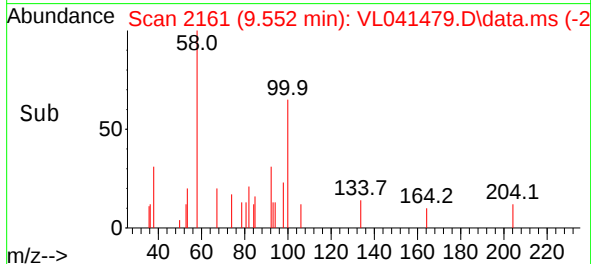
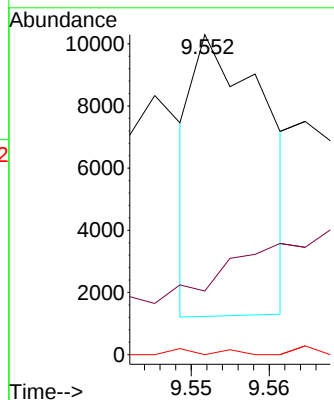
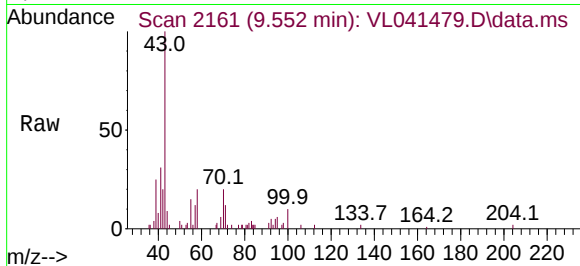




#51
2-Hexanone
Concen: 0.045 ppbv
RT: 9.552 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VL041479.D
Acq: 1 Aug 2024 15:34

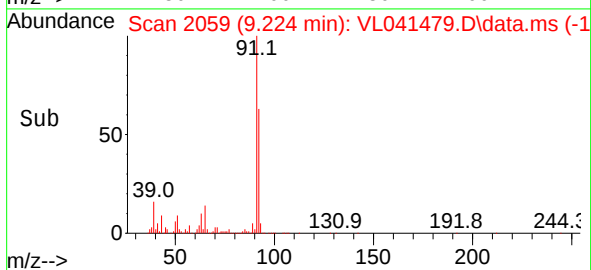
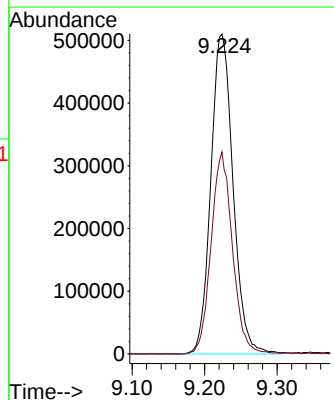
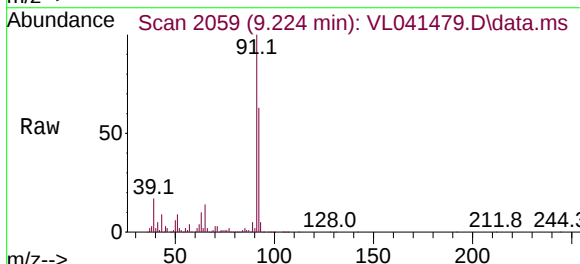
Instrument :
MSVOA_1
ClientSampleId :
1ST-FLOOR

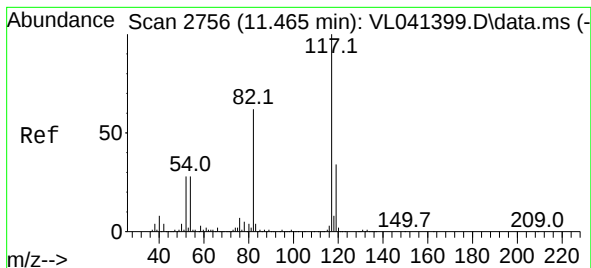
Tgt Ion: 43 Resp: 5800
Ion Ratio Lower Upper
43 100
58 0.0 38.2 57.2#
98 0.0 0.3 0.5#



#53
Toluene
Concen: 5.915 ppbv
RT: 9.224 min Scan# 2059
Delta R.T. 0.003 min
Lab File: VL041479.D
Acq: 1 Aug 2024 15:34

Tgt Ion: 91 Resp: 1087222
Ion Ratio Lower Upper
91 100
92 60.8 48.7 73.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.471 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL041479.D

Acq: 1 Aug 2024 15:34

Instrument :

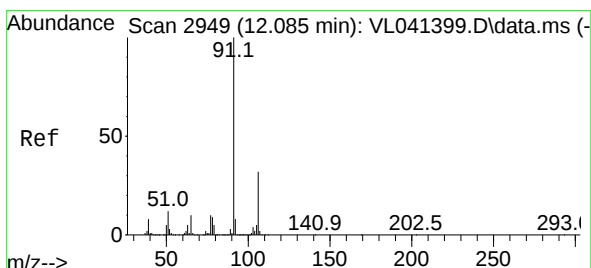
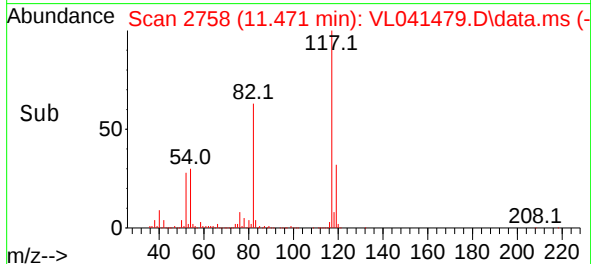
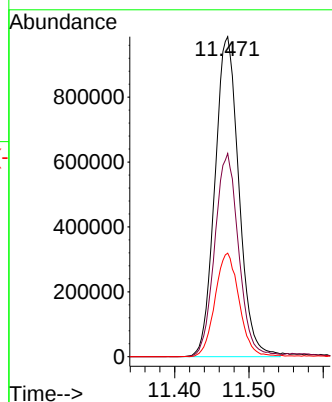
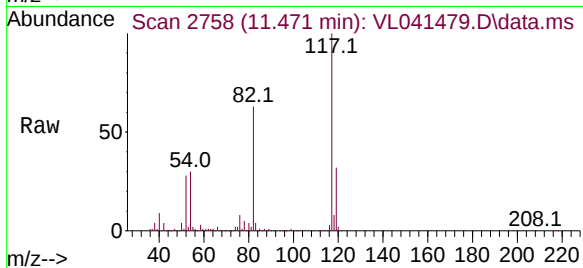
MSVOA_1

ClientSampleId :

1ST-FLOOR

Tgt Ion:117 Resp: 2216972

Ion	Ratio	Lower	Upper
117	100		
82	63.5	51.0	76.6
119	33.0	45.2	67.8



#58

Ethyl Benzene

Concen: 0.300 ppbv

RT: 12.089 min Scan# 2950

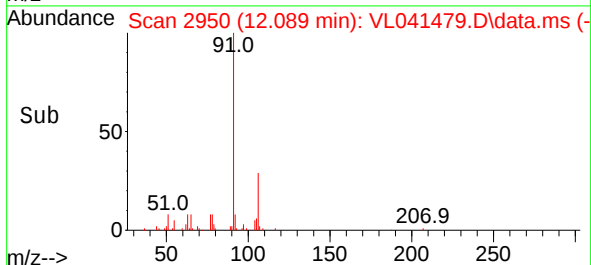
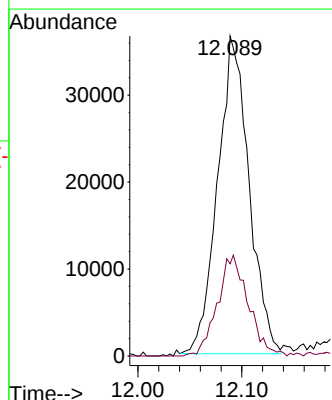
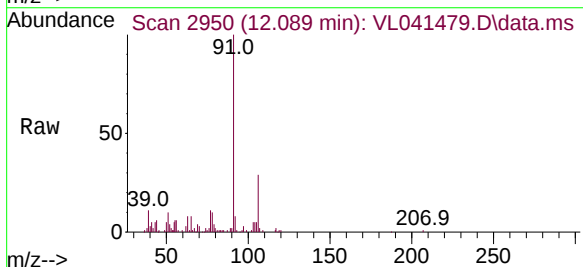
Delta R.T. 0.003 min

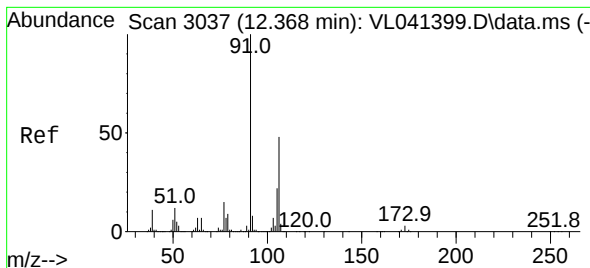
Lab File: VL041479.D

Acq: 1 Aug 2024 15:34

Tgt Ion: 91 Resp: 76590

Ion	Ratio	Lower	Upper
91	100		
106	29.0	25.8	38.8





#59

m/p-Xylene

Concen: 0.095 ppbv

RT: 12.378 min Scan# 3037

Delta R.T. 0.010 min

Lab File: VL041479.D

Acq: 1 Aug 2024 15:34

Instrument :

MSVOA_1

ClientSampleId :

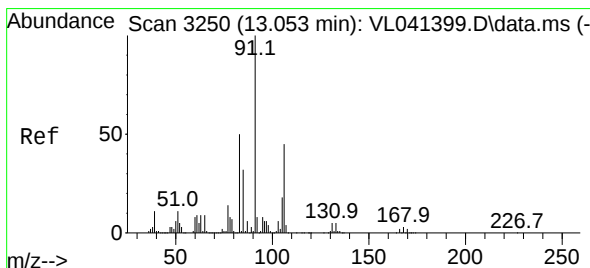
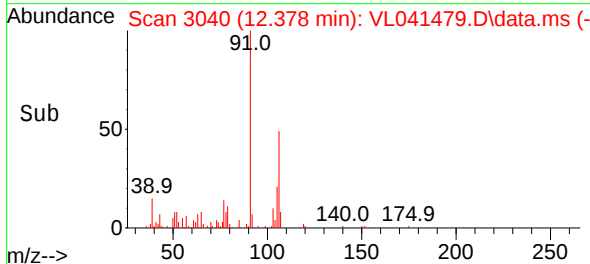
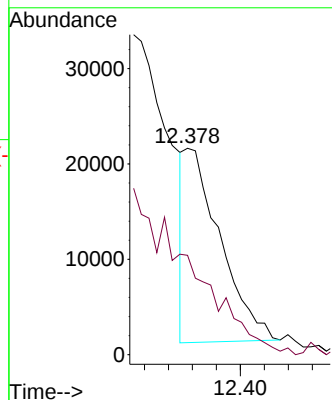
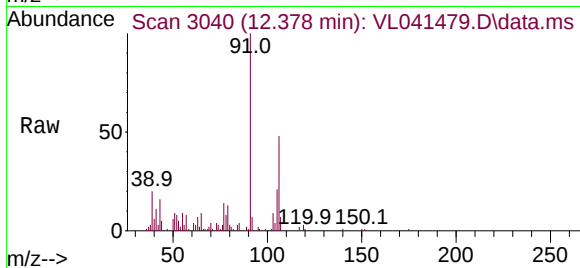
1ST-FLOOR

Tgt Ion: 91 Resp: 20911

Ion Ratio Lower Upper

91 100

106 0.0 36.3 54.5#



#60

o-Xylene

Concen: 0.257 ppbv

RT: 13.063 min Scan# 3253

Delta R.T. 0.006 min

Lab File: VL041479.D

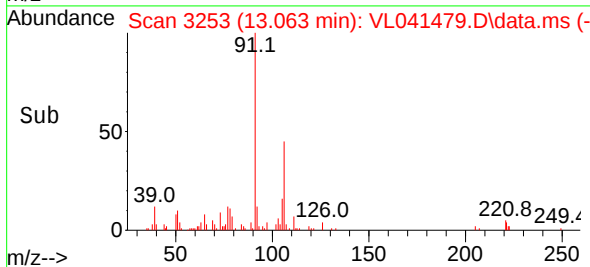
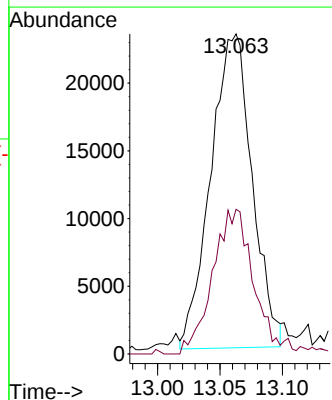
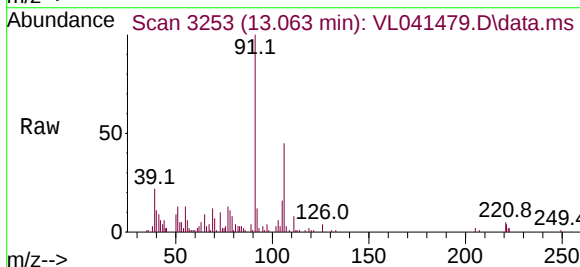
Acq: 1 Aug 2024 15:34

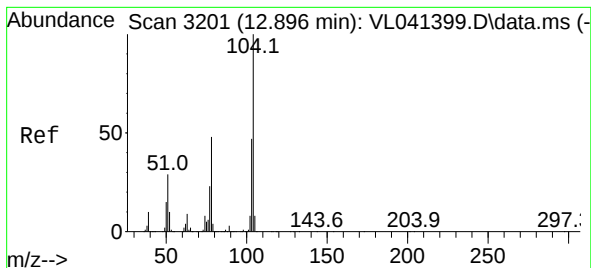
Tgt Ion: 91 Resp: 53647

Ion Ratio Lower Upper

91 100

106 46.9 23.1 69.3





#61

Styrene

Concen: 0.221 ppbv

RT: 12.902 min Scan# 31

Delta R.T. 0.006 min

Lab File: VL041479.D

Acq: 1 Aug 2024 15:34

Instrument :

MSVOA_1

ClientSampleId :

1ST-FLOOR

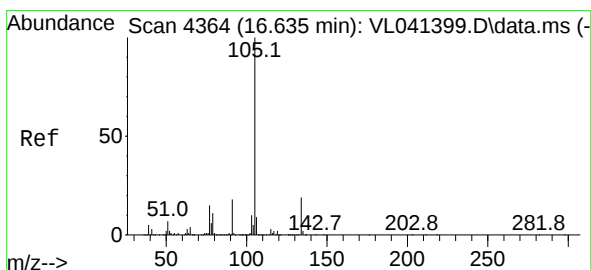
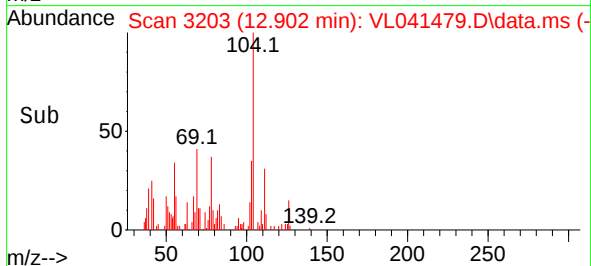
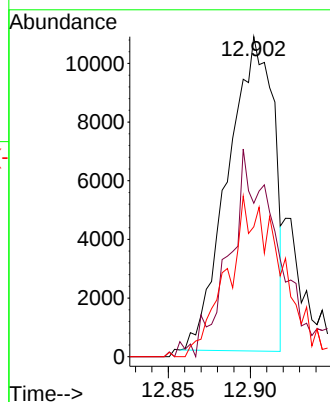
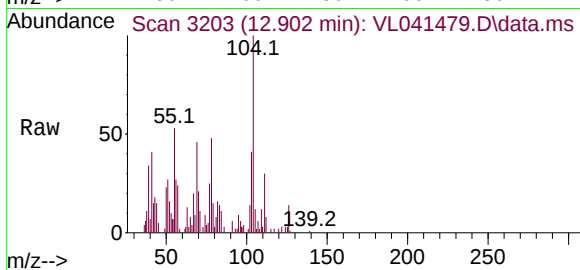
Tgt Ion:104 Resp: 20819

Ion Ratio Lower Upper

104 100

78 78.3 40.8 61.2#

103 62.7 38.2 57.4#



#67

sec-Butylbenzene

Concen: 0.126 ppbv

RT: 16.934 min Scan# 4457

Delta R.T. 0.302 min

Lab File: VL041479.D

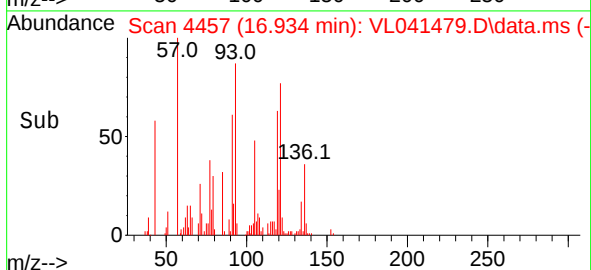
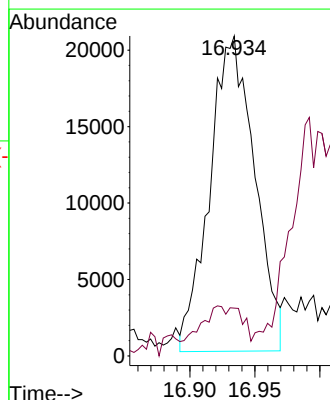
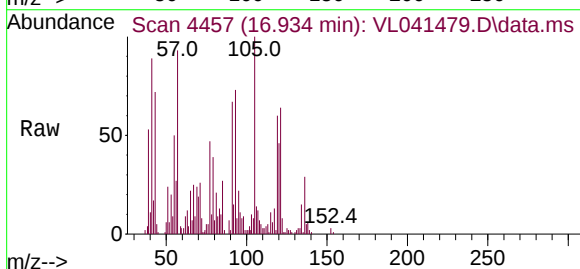
Acq: 1 Aug 2024 15:34

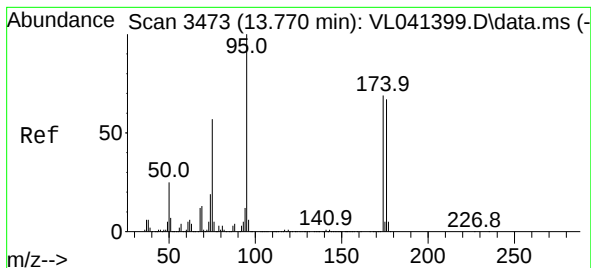
Tgt Ion:105 Resp: 49744

Ion Ratio Lower Upper

105 100

134 20.0 14.5 21.7





#68

1-Bromo-4-Fluorobenzene

Concen: 10.197 ppbv

RT: 13.777 min Scan# 3473

Delta R.T. 0.003 min

Lab File: VL041479.D

Acq: 1 Aug 2024 15:34

Instrument :

MSVOA_L

ClientSampleId :

1ST-FLOOR

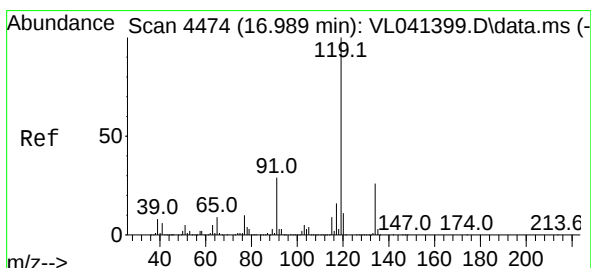
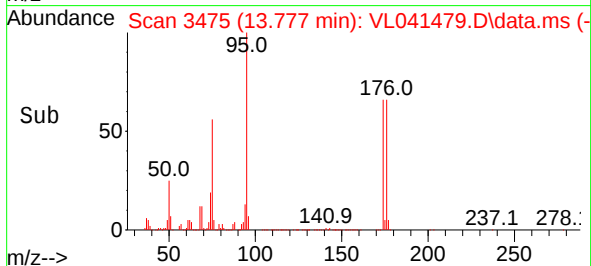
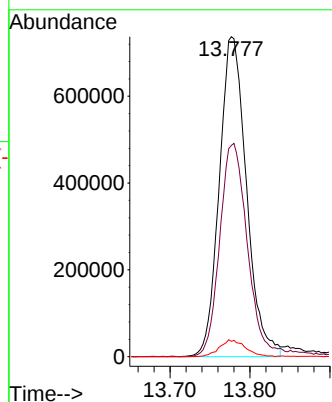
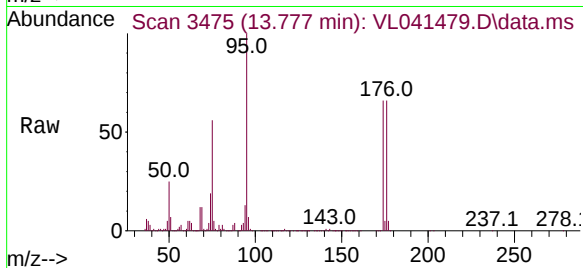
Tgt Ion: 95 Resp: 1739774

Ion Ratio Lower Upper

95 100

174 70.3 56.3 84.5

175 5.0 4.0 6.0



#69

p-Isopropyltoluene

Concen: 0.454 ppbv

RT: 16.995 min Scan# 4476

Delta R.T. 0.003 min

Lab File: VL041479.D

Acq: 1 Aug 2024 15:34

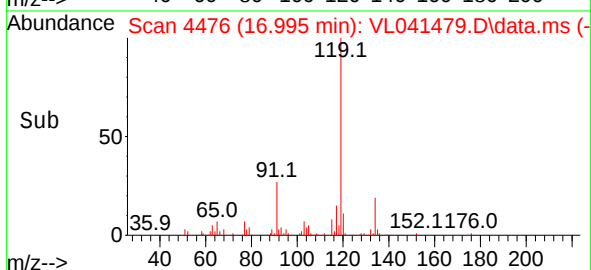
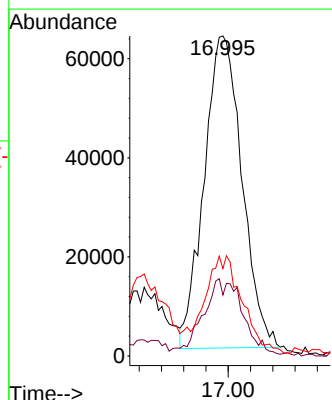
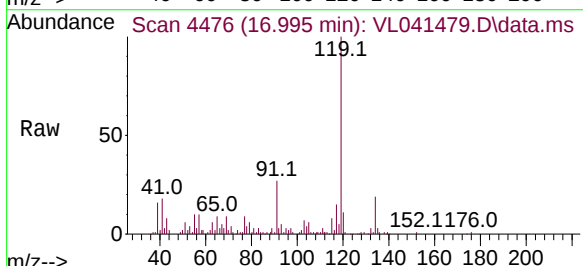
Tgt Ion: 119 Resp: 148868

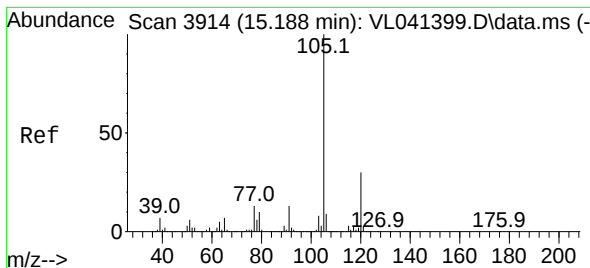
Ion Ratio Lower Upper

119 100

134 26.3 20.5 30.7

91 30.6 23.2 34.8





#72

4-Ethyltoluene

Concen: 0.043 ppbv

RT: 15.198 min Scan# 3914

Delta R.T. 0.006 min

Lab File: VL041479.D

Acq: 1 Aug 2024 15:34

Instrument :

MSVOA_L

ClientSampleId :

1ST-FLOOR

Tgt Ion:105 Resp: 10606

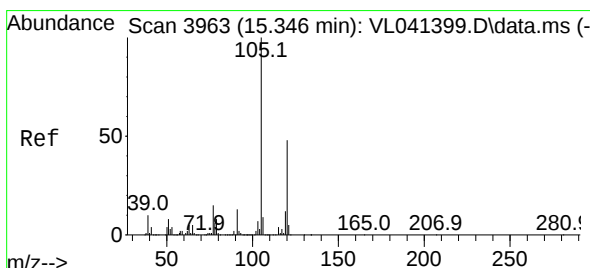
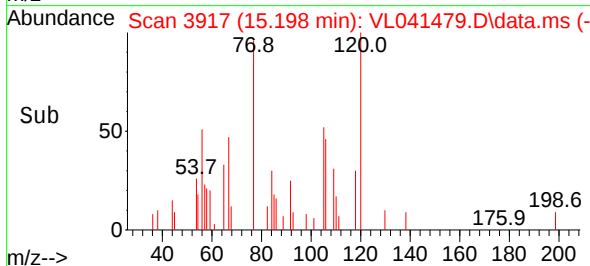
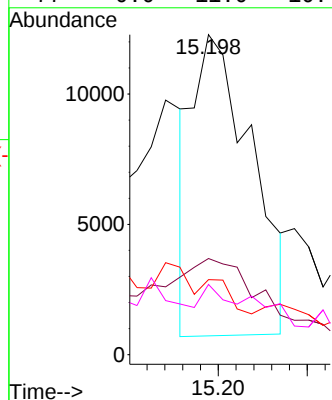
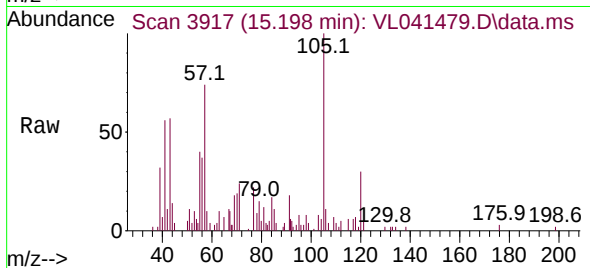
Ion Ratio Lower Upper

105 100

120 87.1 24.2 36.2#

91 0.0 10.4 15.6#

77 0.0 11.0 16.4#



#73

1,3,5-Trimethylbenzene

Concen: 0.100 ppbv

RT: 15.352 min Scan# 3965

Delta R.T. 0.003 min

Lab File: VL041479.D

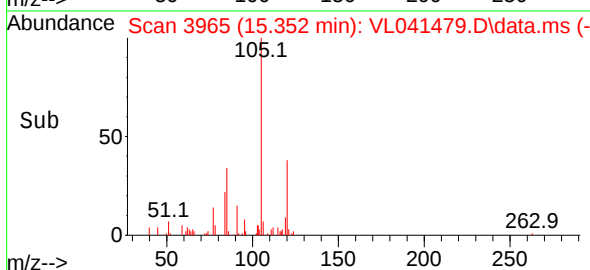
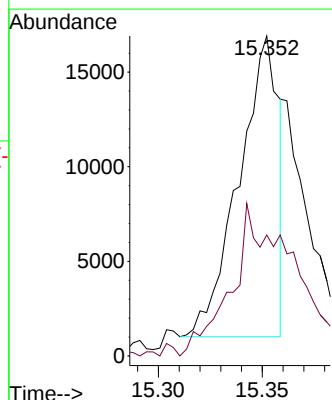
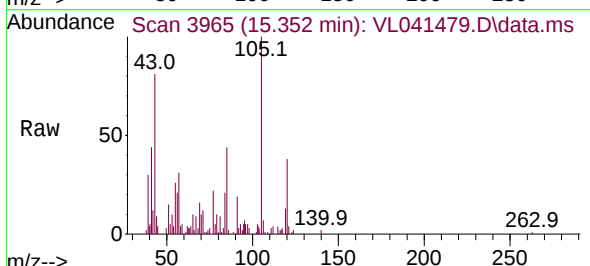
Acq: 1 Aug 2024 15:34

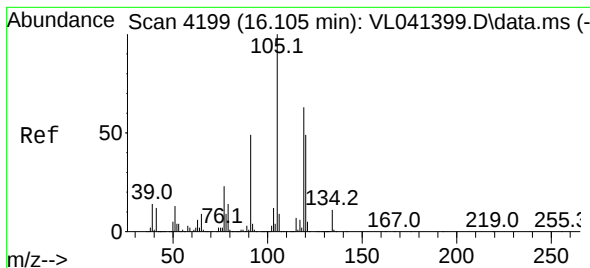
Tgt Ion:105 Resp: 21081

Ion Ratio Lower Upper

105 100

120 39.1 38.6 57.8





#74

1,2,4-Trimethylbenzene

Concen: 0.209 ppbv

RT: 16.111 min Scan# 4199

Delta R.T. 0.003 min

Lab File: VL041479.D

Acq: 1 Aug 2024 15:34

Instrument :

MSVOA_L

ClientSampleId :

1ST-FLOOR

Tgt Ion:105 Resp: 51512

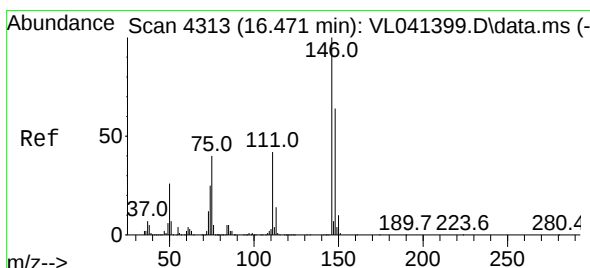
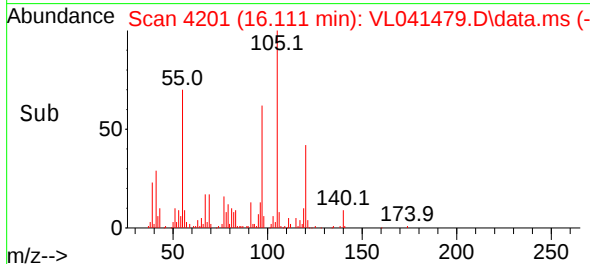
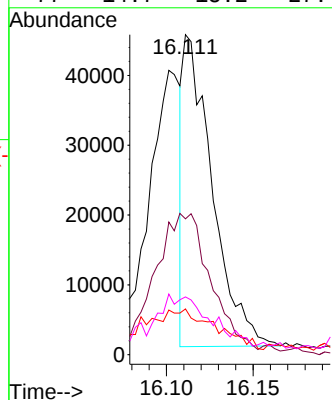
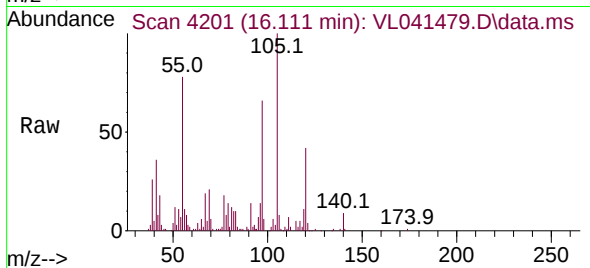
Ion Ratio Lower Upper

105 100

120 42.5 39.5 59.3

91 11.6 39.8 59.8#

77 14.7 18.2 27.4#



#76

1,4-Dichlorobenzene

Concen: 0.144 ppbv

RT: 16.477 min Scan# 4315

Delta R.T. 0.006 min

Lab File: VL041479.D

Acq: 1 Aug 2024 15:34

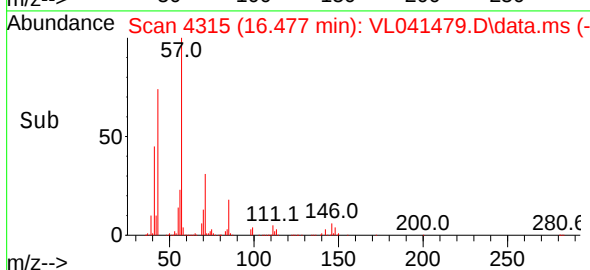
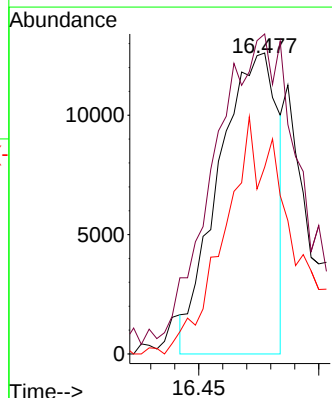
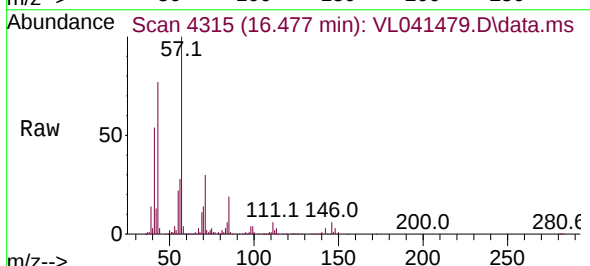
Tgt Ion:146 Resp: 21522

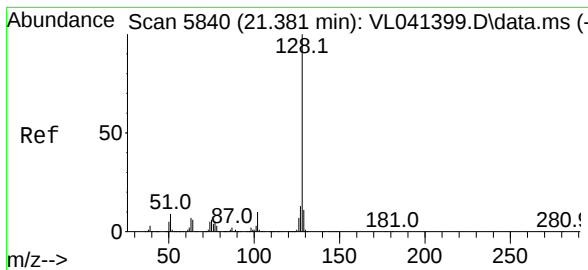
Ion Ratio Lower Upper

146 100

111 156.5 22.4 67.0#

148 95.8 33.1 99.5





#79
Naphthalene
Concen: 0.080 ppbv
RT: 21.394 min Scan# 51
Delta R.T. 0.013 min
Lab File: VL041479.D
Acq: 1 Aug 2024 15:34

Instrument :
MSVOA_L
ClientSampleId :
1ST-FLOOR

Tgt Ion:128 Resp: 17422
Ion Ratio Lower Upper
128 100
127 11.7 10.3 15.5
129 12.0 9.0 13.4

