

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041923\
 Data File : VL040386.D
 Acq On : 19 Apr 2023 19:11
 Operator : SY/MD
 Sample : 02368-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP2-A

Quant Time: Apr 20 05:13:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

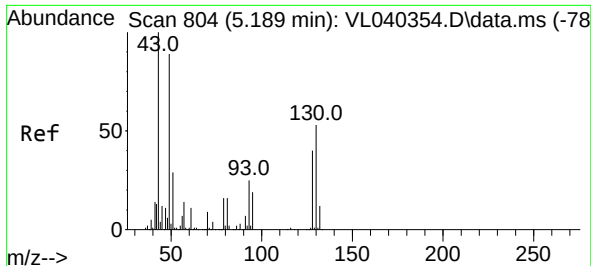
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.179	49	1075754	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.645	114	2747130	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2585298	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2123073	9.931	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.713	85	29560	0.152	ppbv	99
3) Chlorodifluoromethane	2.655	51	21886	0.156	ppbv #	80
4) Chloromethane	2.796	50	20536	0.231	ppbv #	86
7) Chloroethane	3.182	64	1345	0.048	ppbv #	79
9) Propene	2.677	41	49230	0.886	ppbv	86
10) Heptane	7.571	43	8691	0.069	ppbv #	1
11) Trichlorofluoromethane	3.549	101	12925	0.066	ppbv	100
13) Ethanol	3.221	45	3265433	704.357	ppbv	96
15) Acetone	3.449	43	4444176	29.168	ppbv	94
16) 1,3-Butadiene	2.947	39	19290	0.306	ppbv #	21
17) tert-Butyl alcohol	3.873	59	97391	0.696	ppbv	97
19) Isopropyl Alcohol	3.565	45	352298	5.067	ppbv #	1
20) Methylene Chloride	3.922	84	229014	3.765	ppbv	94
21) Allyl Chloride	3.918	41	8451	0.098	ppbv #	19
23) Vinyl Acetate	4.603	43	40326	1.040	ppbv #	96
25) Ethyl Acetate	5.201	43	201927	0.788	ppbv #	76
26) Hexane	5.205	57	281482	2.604	ppbv #	38
27) Carbon Disulfide	4.115	76	36207	0.259	ppbv #	73
29) Chloroform	5.262	83	358063	1.860	ppbv	100
34) 2-Butanone	4.774	43	1385870	9.356	ppbv	99
36) Benzene	6.362	78	32390	0.145	ppbv #	94
39) 1,2-Dichloropropane	6.645	63	695607	7.888	ppbv #	25
40) 1,4-Dioxane	7.288	88	3046	0.090	ppbv #	1
41) Tetrahydrofuran	5.549	42	190043	2.343	ppbv	99
42) Bromodichloromethane	7.240	83	6507	0.032	ppbv #	75
44) 2,2,4-Trimethylpentane	7.317	57	25643	0.068	ppbv #	1
50) 4-Methyl-2-Pentanone	8.182	43	68606	0.305	ppbv #	66
51) 2-Hexanone	9.548	43	6048	0.036	ppbv #	1
52) Tetrachloroethene	10.613	164	387171	5.522	ppbv	96
53) Toluene	9.217	91	194397	0.818	ppbv	98
58) Ethyl Benzene	12.082	91	58098	0.183	ppbv	90
59) m/p-Xylene	12.368	91	45836	0.157	ppbv #	32
60) o-Xylene	13.060	91	36722	0.131	ppbv #	50
72) 4-Ethyltoluene	15.191	105	23343	0.075	ppbv #	55
73) 1,3,5-Trimethylbenzene	15.352	105	8782	0.031	ppbv #	74
74) 1,2,4-Trimethylbenzene	16.101	105	13163	0.040	ppbv #	49

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

Quant Time: Apr 20 05:13:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Apr 13 14:37:02 2023
Response via : Initial Calibration

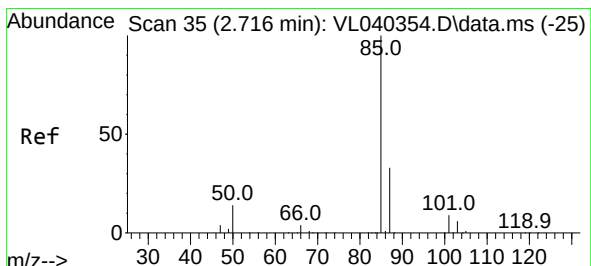
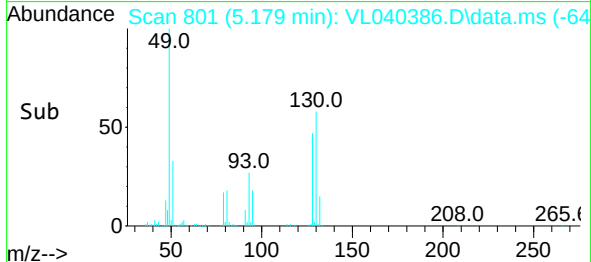
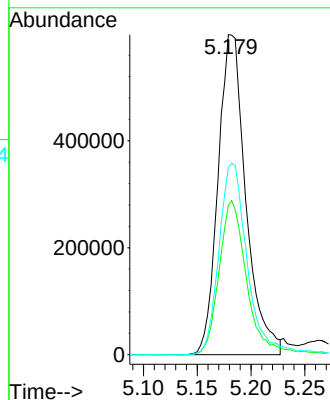
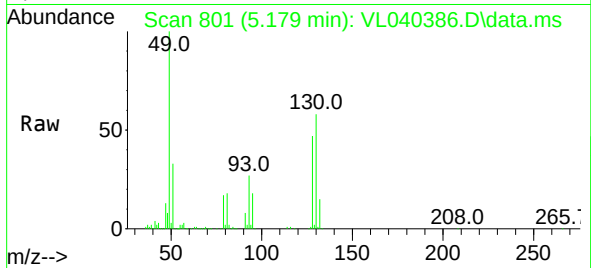




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.179 min Scan# 80
 Delta R.T. -0.010 min
 Lab File: VL040386.D
 Acq: 19 Apr 2023 19:11

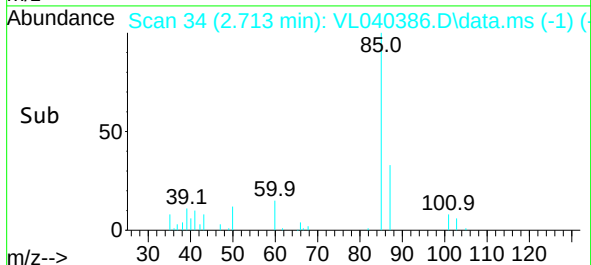
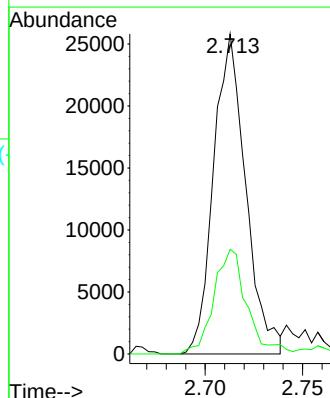
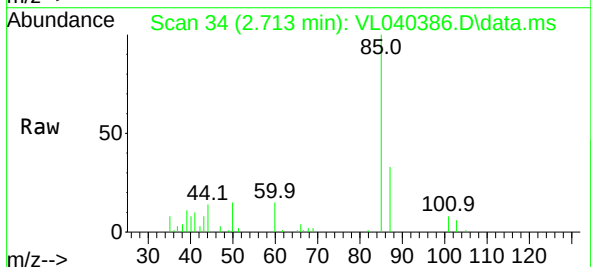
Instrument :
 MSVOA_L
 ClientSampleId :
 VP2-A

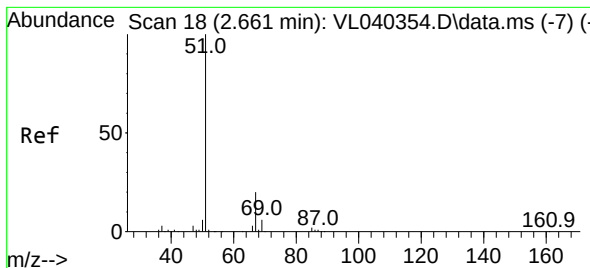
Tgt Ion: 49 Resp: 1075754
 Ion Ratio Lower Upper
 49 100
 128 49.0 23.7 71.1
 130 61.9 29.9 89.8



#2
 Dichlorodifluoromethane
 Concen: 0.152 ppbv
 RT: 2.713 min Scan# 34
 Delta R.T. -0.003 min
 Lab File: VL040386.D
 Acq: 19 Apr 2023 19:11

Tgt Ion: 85 Resp: 29560
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.6 40.0





#3

Chlorodifluoromethane

Concen: 0.156 ppbv

RT: 2.655 min Scan# 1

Delta R.T. -0.006 min

Lab File: VL040386.D

Acq: 19 Apr 2023 19:11

Instrument :

MSVOA_L

ClientSampleId :

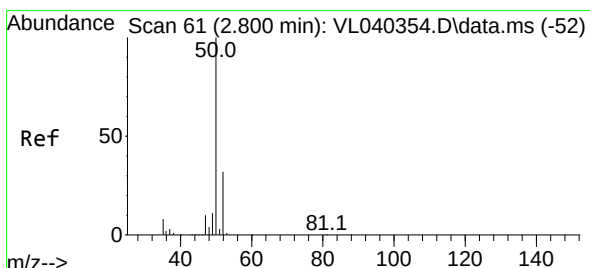
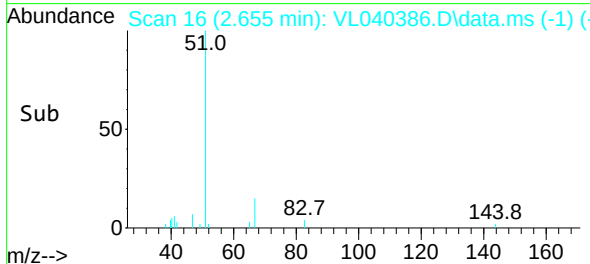
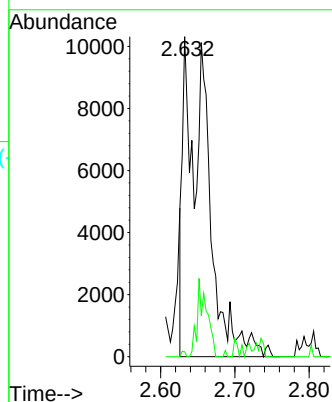
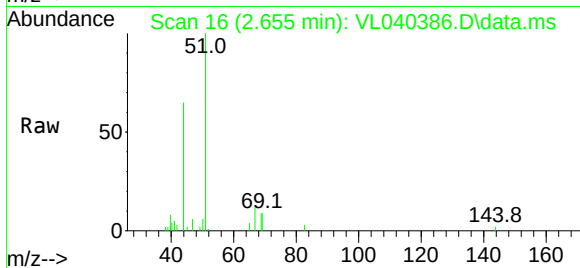
VP2-A

Tgt Ion: 51 Resp: 21886

Ion Ratio Lower Upper

51 100

67 10.4 15.5 23.3#



#4

Chloromethane

Concen: 0.231 ppbv

RT: 2.796 min Scan# 60

Delta R.T. -0.004 min

Lab File: VL040386.D

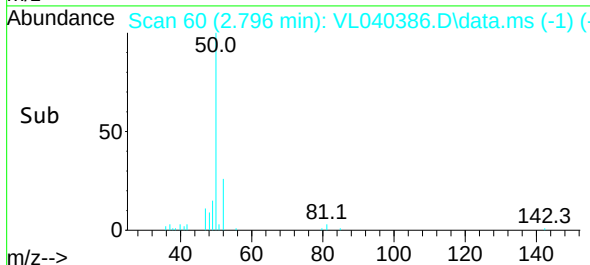
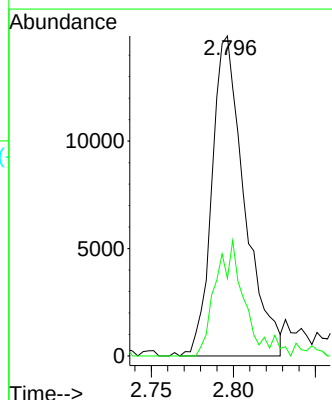
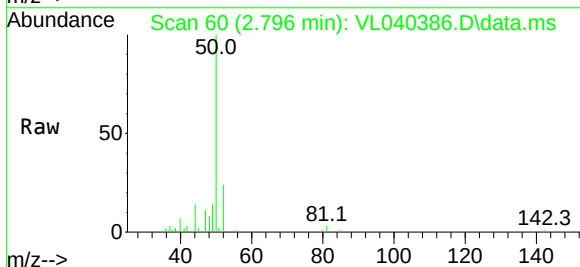
Acq: 19 Apr 2023 19:11

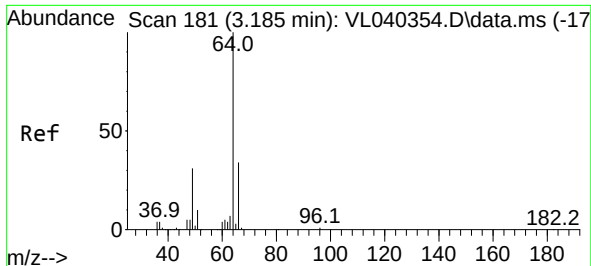
Tgt Ion: 50 Resp: 20536

Ion Ratio Lower Upper

50 100

52 23.7 25.3 37.9#

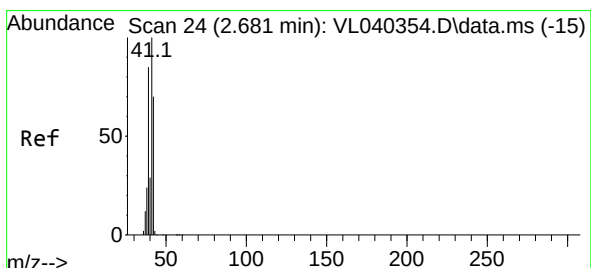
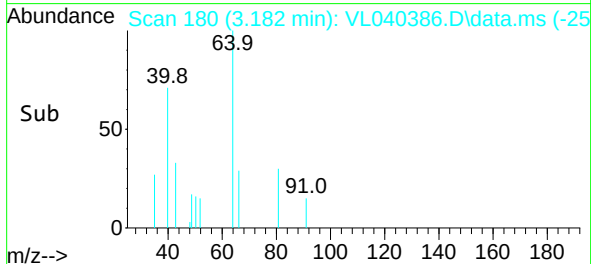
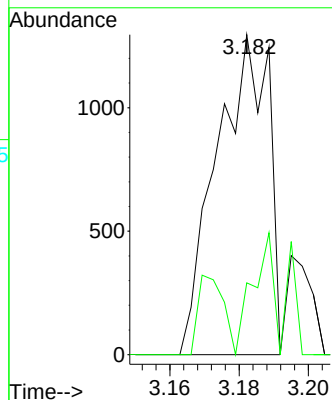
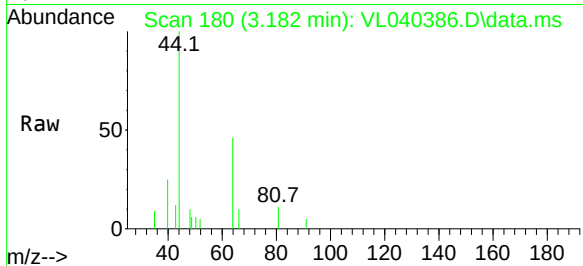




#7
Chloroethane
Concen: 0.048 ppbv
RT: 3.182 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040386.D
Acq: 19 Apr 2023 19:11

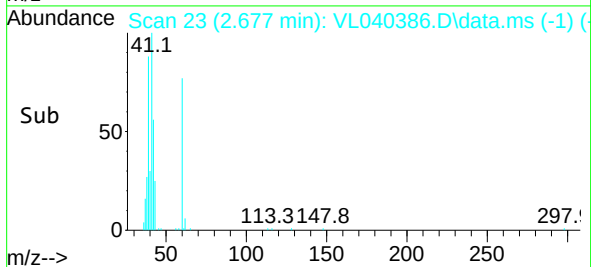
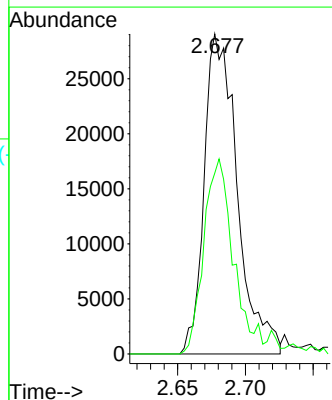
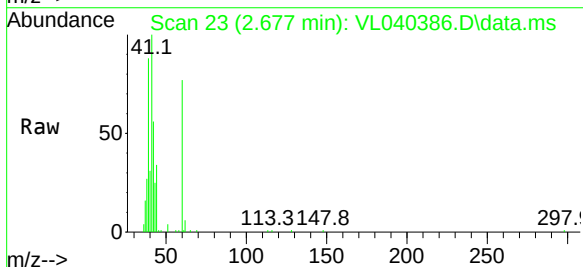
Instrument :
MSVOA_L
ClientSampleId :
VP2-A

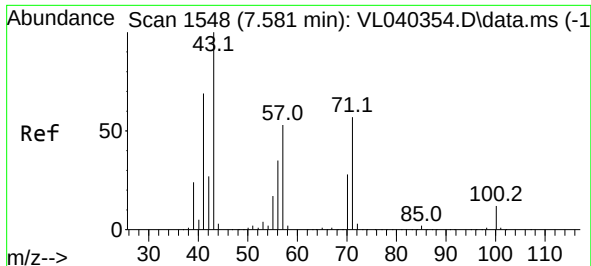
Tgt Ion: 64 Resp: 1345
Ion Ratio Lower Upper
64 100
66 22.5 27.5 41.3#



#9
Propene
Concen: 0.886 ppbv
RT: 2.677 min Scan# 23
Delta R.T. -0.004 min
Lab File: VL040386.D
Acq: 19 Apr 2023 19:11

Tgt Ion: 41 Resp: 49230
Ion Ratio Lower Upper
41 100
42 59.1 56.5 84.7

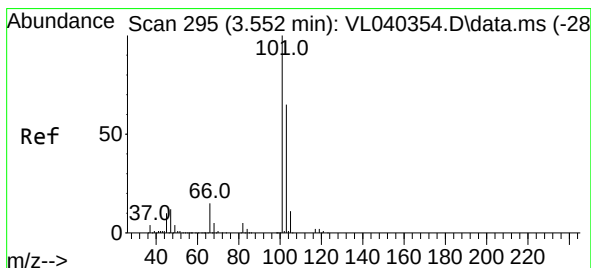
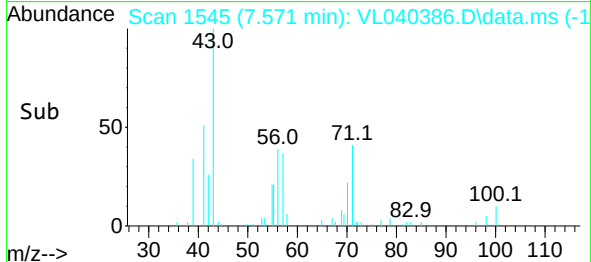
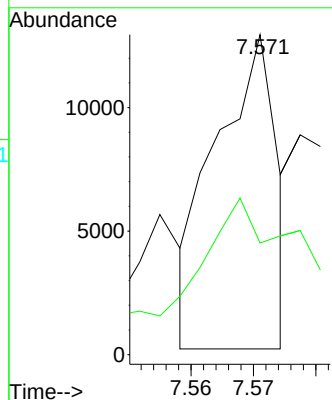
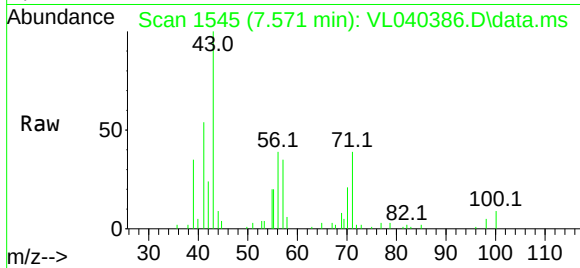




#10
Heptane
Concen: 0.069 ppbv
RT: 7.571 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL040386.D
Acq: 19 Apr 2023 19:11

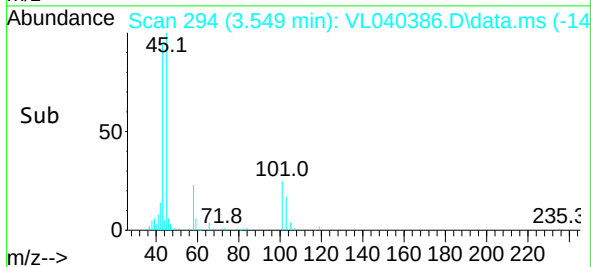
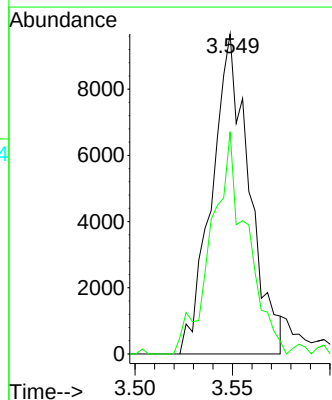
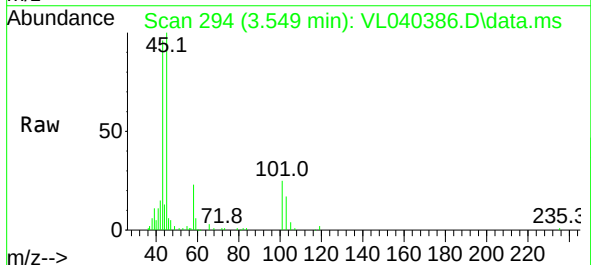
Instrument :
MSVOA_L
ClientSampleId :
VP2-A

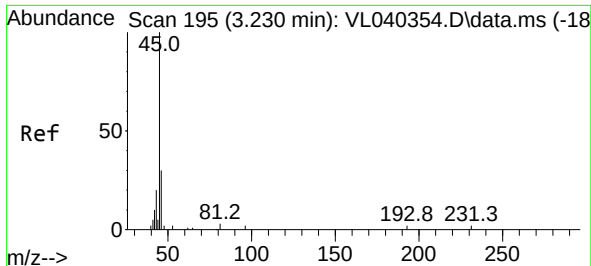
Tgt Ion: 43 Resp: 8691
Ion Ratio Lower Upper
43 100
57 134.8 42.2 63.4#



#11
Trichlorofluoromethane
Concen: 0.066 ppbv
RT: 3.549 min Scan# 294
Delta R.T. -0.003 min
Lab File: VL040386.D
Acq: 19 Apr 2023 19:11

Tgt Ion:101 Resp: 12925
Ion Ratio Lower Upper
101 100
103 65.4 52.2 78.4





#13

Ethanol

Concen: 704.357 ppbv

RT: 3.221 min Scan# 19

Delta R.T. -0.009 min

Lab File: VL040386.D

Acq: 19 Apr 2023 19:11

Instrument :

MSVOA_L

ClientSampleId :

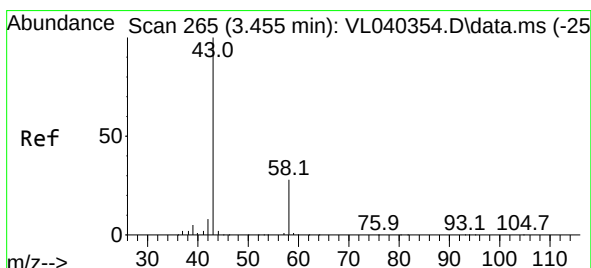
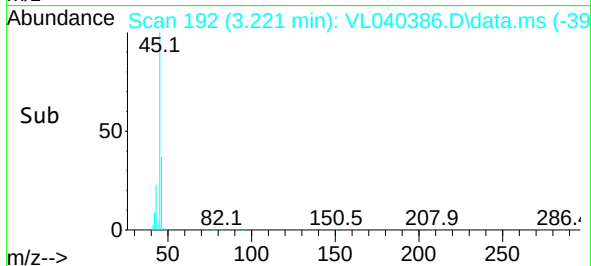
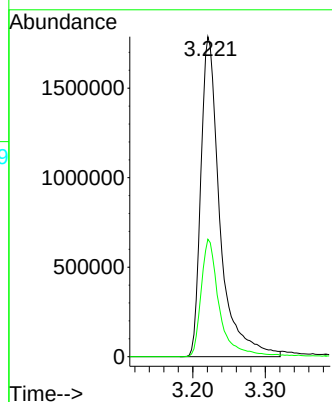
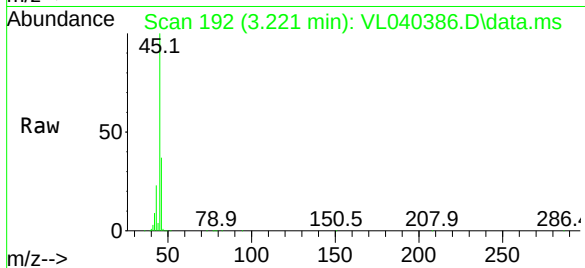
VP2-A

Tgt Ion: 45 Resp: 3265433

Ion Ratio Lower Upper

45 100

46 36.0 15.3 61.3



#15

Acetone

Concen: 29.168 ppbv

RT: 3.449 min Scan# 263

Delta R.T. -0.006 min

Lab File: VL040386.D

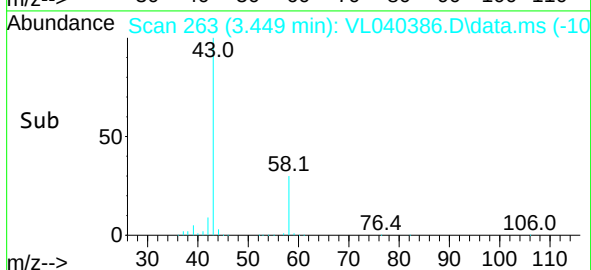
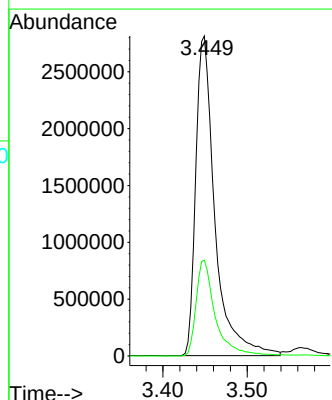
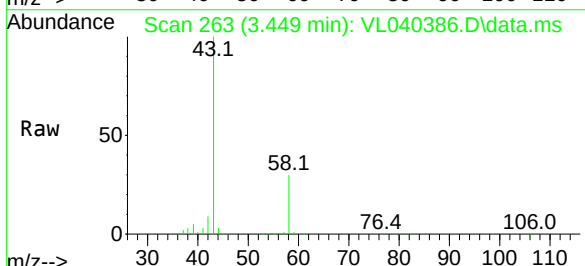
Acq: 19 Apr 2023 19:11

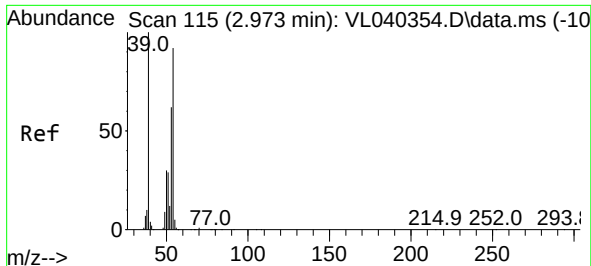
Tgt Ion: 43 Resp: 4444176

Ion Ratio Lower Upper

43 100

58 30.8 22.2 33.2

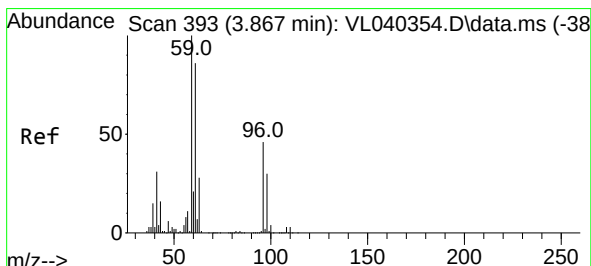
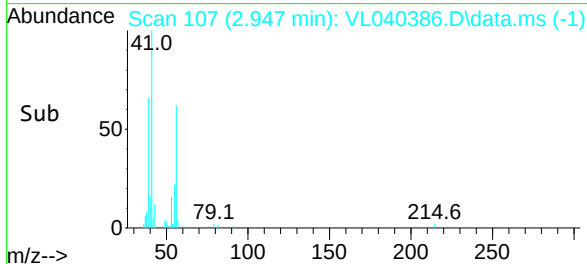
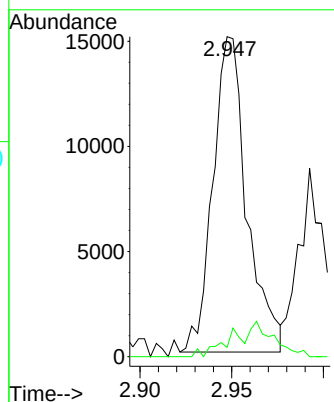
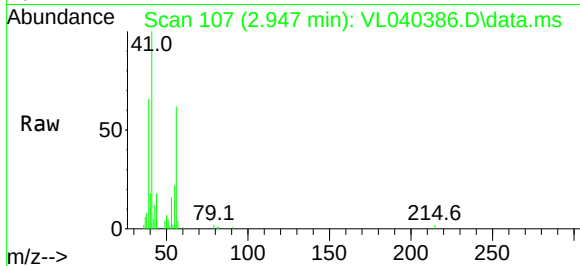




#16
1,3-Butadiene
Concen: 0.306 ppbv
RT: 2.947 min Scan# 115
Delta R.T. -0.026 min
Lab File: VL040386.D
Acq: 19 Apr 2023 19:11

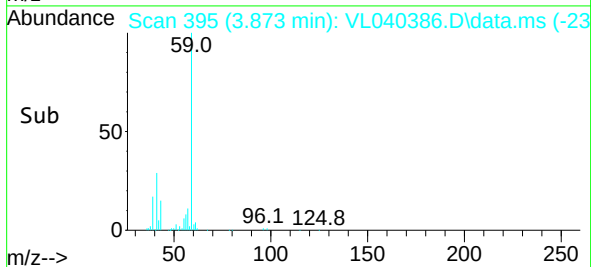
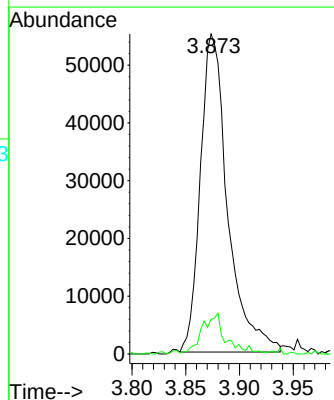
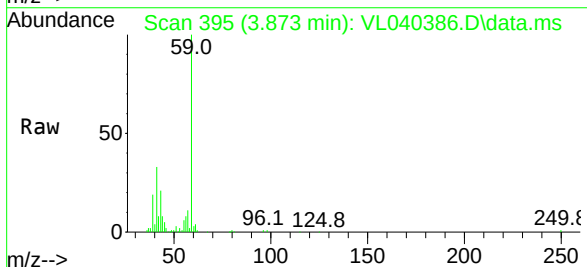
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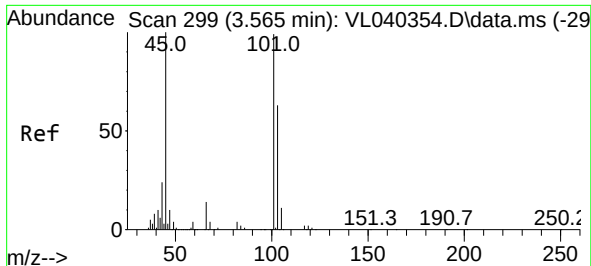
Tgt Ion: 39 Resp: 19290
Ion Ratio Lower Upper
39 100
54 13.2 68.8 103.2#



#17
tert-Butyl alcohol
Concen: 0.696 ppbv
RT: 3.873 min Scan# 395
Delta R.T. 0.006 min
Lab File: VL040386.D
Acq: 19 Apr 2023 19:11

Tgt Ion: 59 Resp: 97391
Ion Ratio Lower Upper
59 100
57 11.7 8.5 12.7

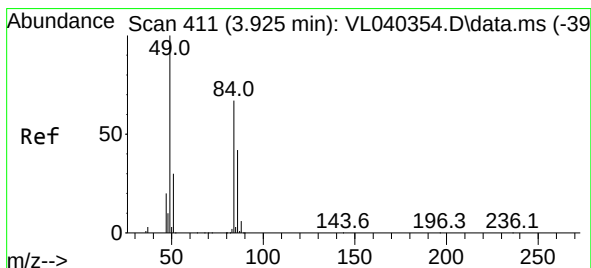
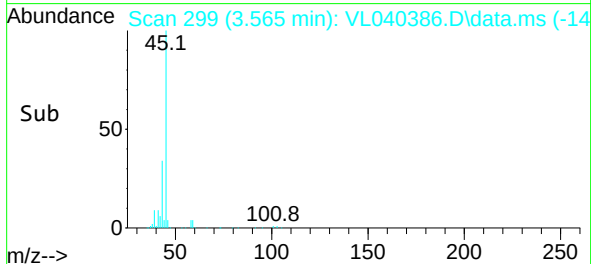
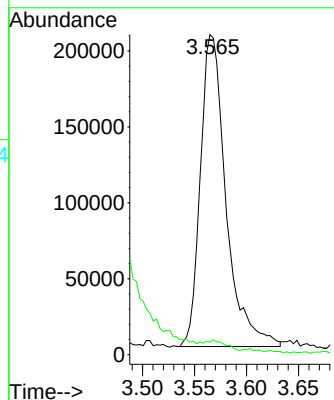
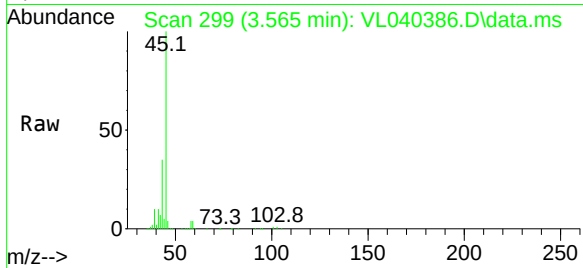




#19
Isopropyl Alcohol
Concen: 5.067 ppbv
RT: 3.565 min Scan# 299
Delta R.T. -0.000 min
Lab File: VL040386.D
Acq: 19 Apr 2023 19:11

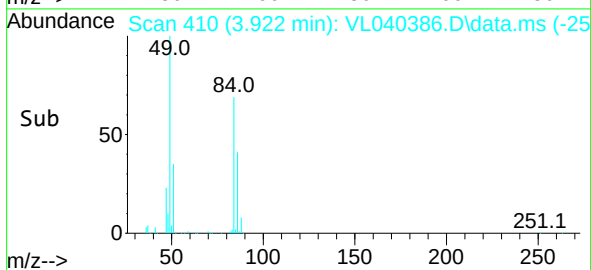
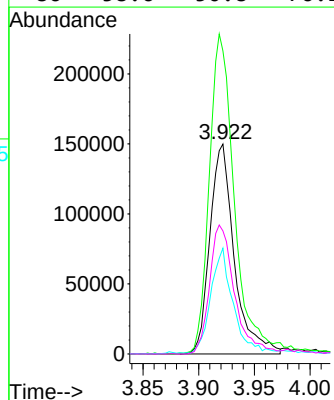
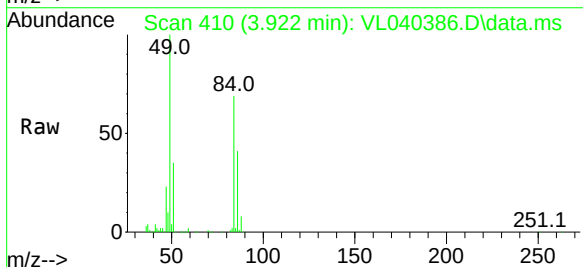
Instrument :
MSVOA_L
ClientSampleId :
VP2-A

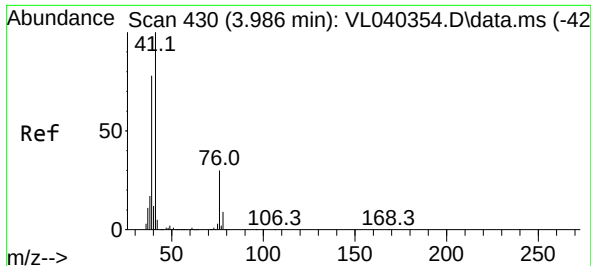
Tgt Ion: 45 Resp: 352298
Ion Ratio Lower Upper
45 100
58 388.7 2.6 4.0#



#20
Methylene Chloride
Concen: 3.765 ppbv
RT: 3.922 min Scan# 410
Delta R.T. -0.003 min
Lab File: VL040386.D
Acq: 19 Apr 2023 19:11

Tgt Ion: 84 Resp: 229014
Ion Ratio Lower Upper
84 100
49 143.9 120.1 180.1
51 49.8 36.3 54.5
86 58.6 50.8 76.2





#21

Allyl Chloride

Concen: 0.098 ppbv

RT: 3.918 min Scan# 409

Delta R.T. -0.068 min

Lab File: VL040386.D

Acq: 19 Apr 2023 19:11

Instrument :

MSVOA_L

ClientSampleId :

VP2-A

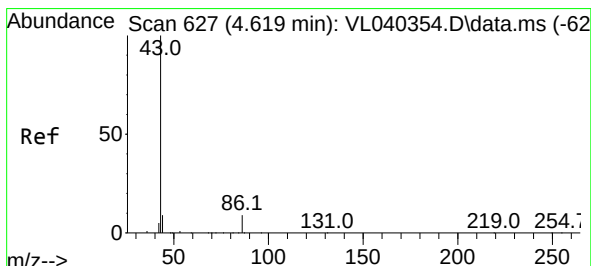
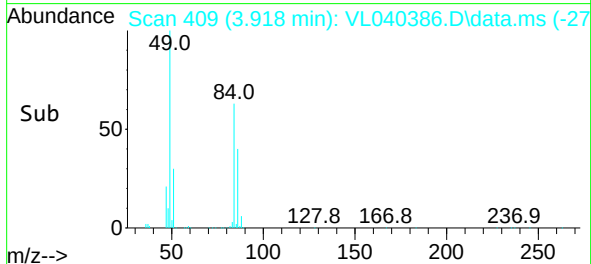
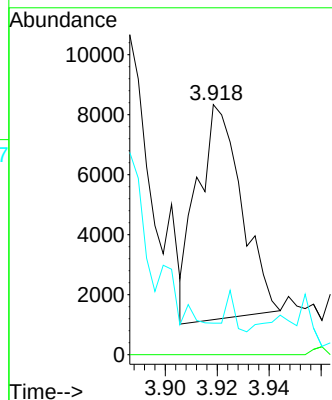
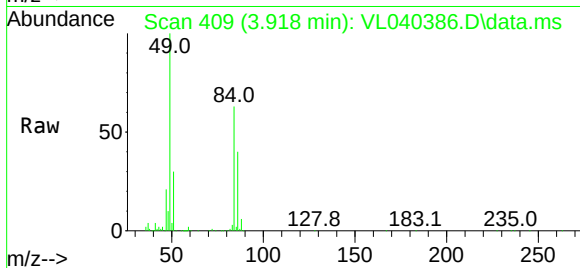
Tgt Ion: 41 Resp: 8451

Ion Ratio Lower Upper

41 100

76 0.0 25.5 38.3#

39 0.0 64.0 96.0#



#23

Vinyl Acetate

Concen: 1.040 ppbv

RT: 4.603 min Scan# 622

Delta R.T. -0.016 min

Lab File: VL040386.D

Acq: 19 Apr 2023 19:11

Tgt Ion: 43 Resp: 40326

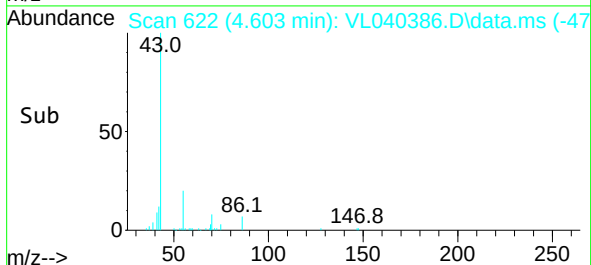
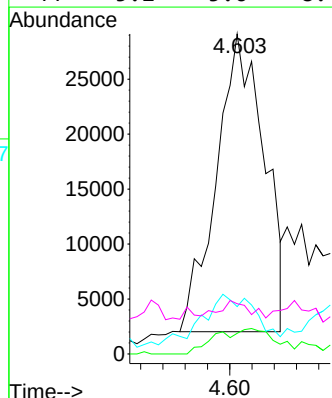
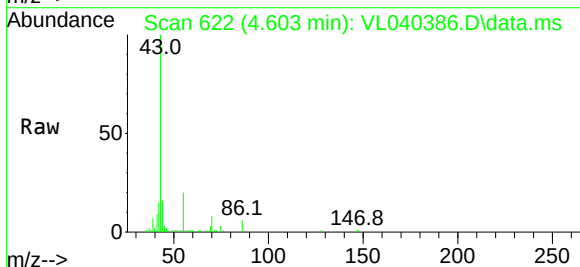
Ion Ratio Lower Upper

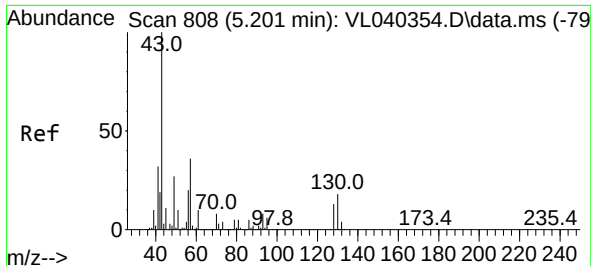
43 100

86 6.9 6.0 9.0

42 10.1 6.4 9.6#

44 5.2 5.6 8.4#



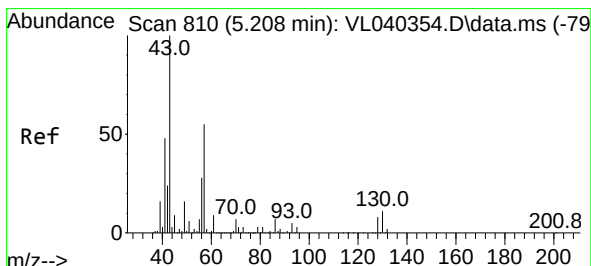
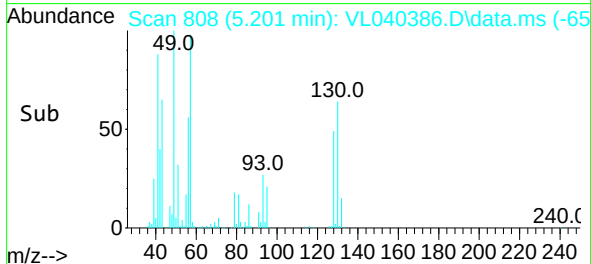
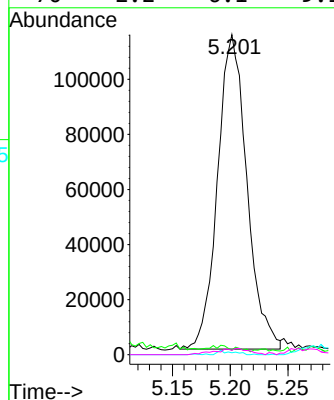
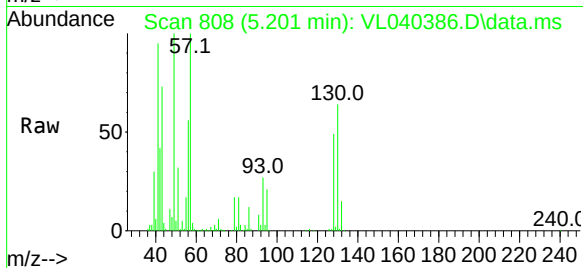


#25
Ethyl Acetate
Concen: 0.788 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL040386.D
Acq: 19 Apr 2023 19:11

Instrument :
MSVOA_L
ClientSampleId :
VP2-A

Tgt Ion: 43 Resp: 201927

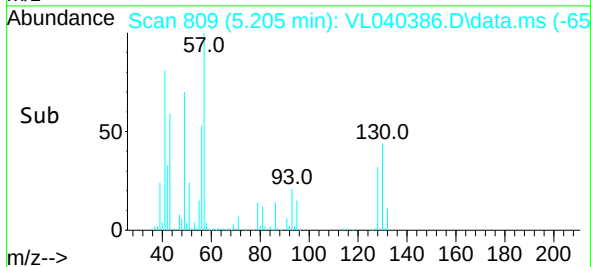
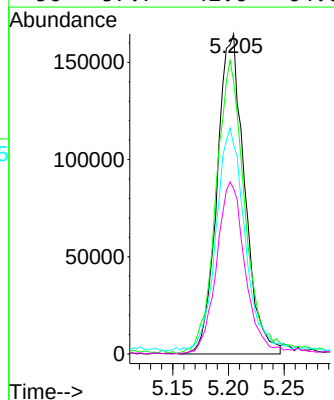
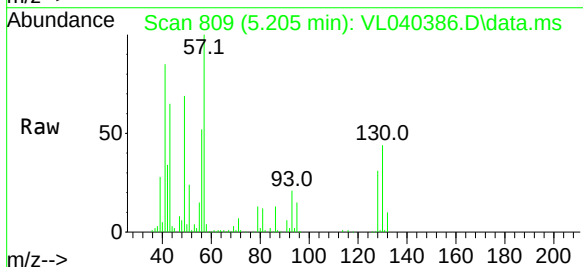
Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.5	12.7#
61	0.8	8.5	12.7#
70	2.2	6.1	9.1#

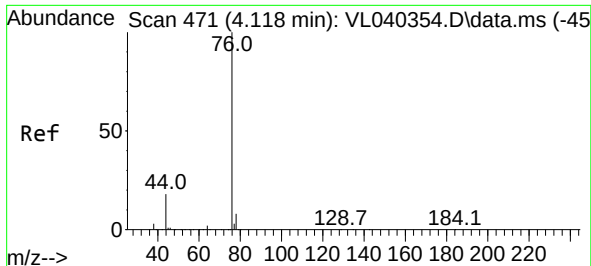


#26
Hexane
Concen: 2.604 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.003 min
Lab File: VL040386.D
Acq: 19 Apr 2023 19:11

Tgt Ion: 57 Resp: 281482

Ion	Ratio	Lower	Upper
57	100		
41	97.8	74.8	112.2
43	75.5	192.7	289.1#
56	57.7	42.6	64.0

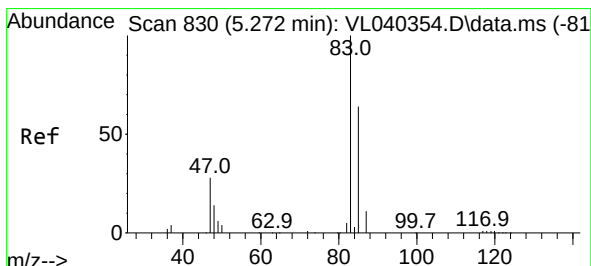
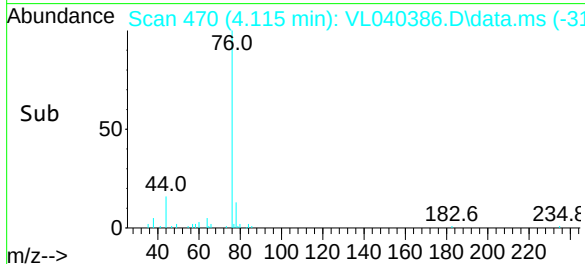
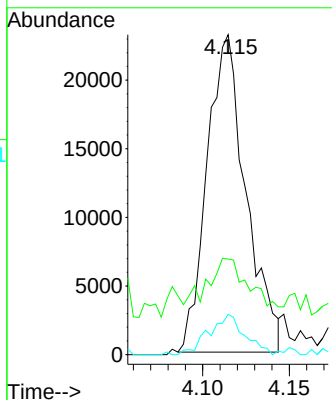
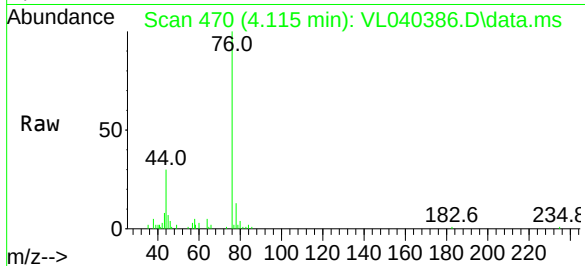




#27
Carbon Disulfide
Concen: 0.259 ppbv
RT: 4.115 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040386.D
Acq: 19 Apr 2023 19:11

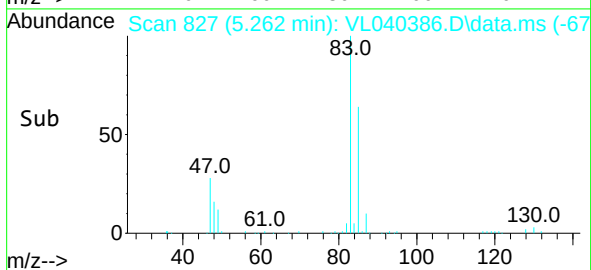
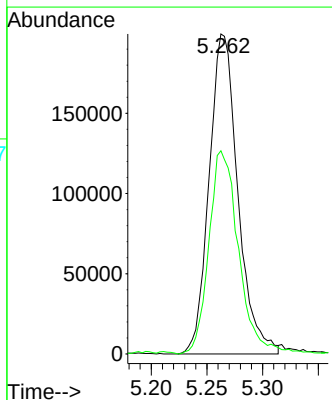
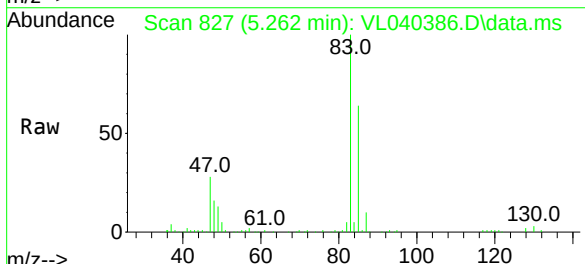
Instrument :
MSVOA_L
ClientSampleId :
VP2-A

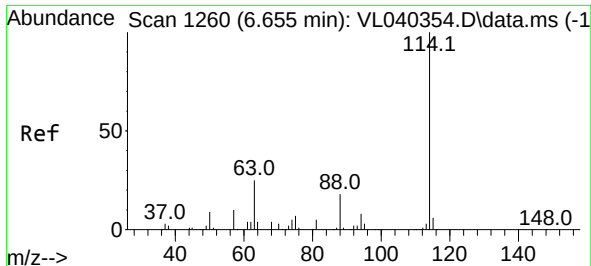
Tgt Ion: 76 Resp: 36207
Ion Ratio Lower Upper
76 100
44 35.0 14.7 22.1#
78 12.4 7.7 11.5#



#29
Chloroform
Concen: 1.860 ppbv
RT: 5.262 min Scan# 827
Delta R.T. -0.010 min
Lab File: VL040386.D
Acq: 19 Apr 2023 19:11

Tgt Ion: 83 Resp: 358063
Ion Ratio Lower Upper
83 100
85 63.5 51.0 76.4

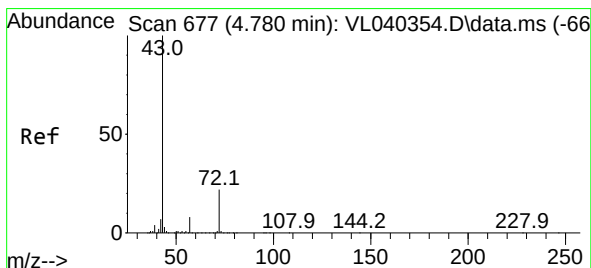
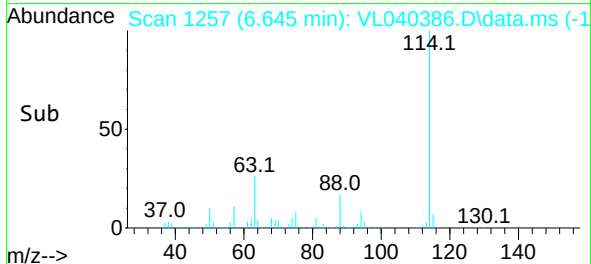
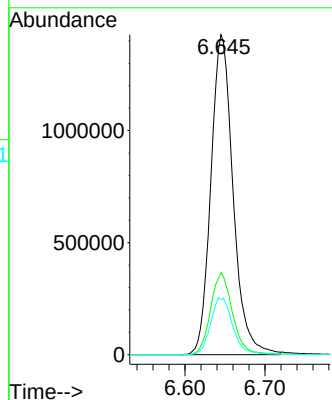
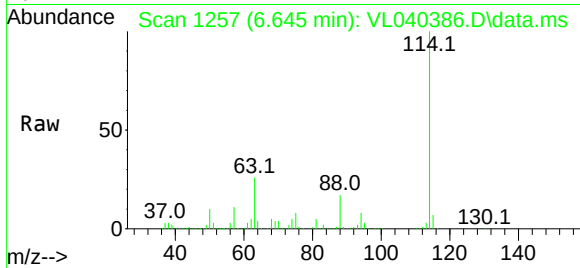




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.645 min Scan# 114
 Delta R.T. -0.010 min
 Lab File: VL040386.D
 Acq: 19 Apr 2023 19:11

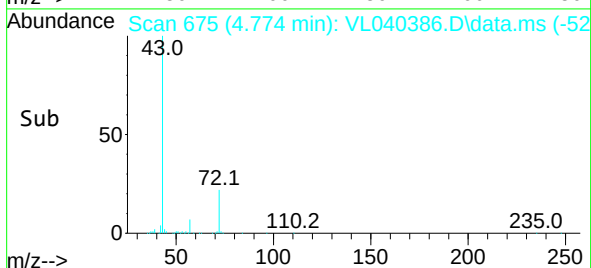
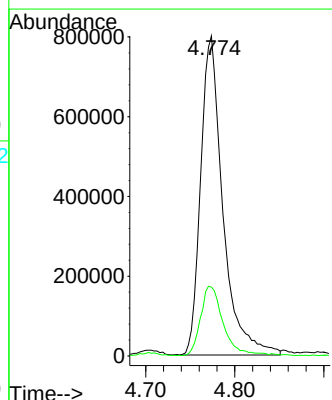
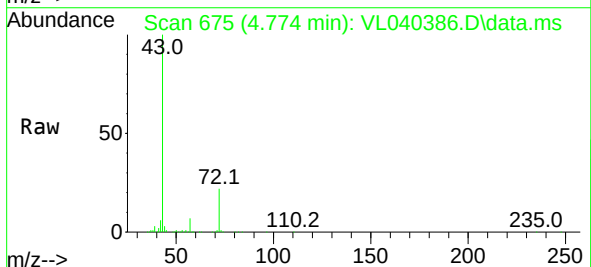
Instrument :
 MSVOA_L
 ClientSampleId :
 VP2-A

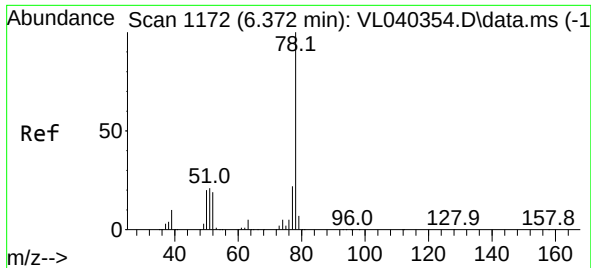
Tgt Ion:114 Resp: 2747130
 Ion Ratio Lower Upper
 114 100
 63 25.4 21.4 32.0
 88 17.9 14.6 22.0



#34
 2-Butanone
 Concen: 9.356 ppbv
 RT: 4.774 min Scan# 675
 Delta R.T. -0.006 min
 Lab File: VL040386.D
 Acq: 19 Apr 2023 19:11

Tgt Ion: 43 Resp: 1385870
 Ion Ratio Lower Upper
 43 100
 72 22.5 18.4 27.6

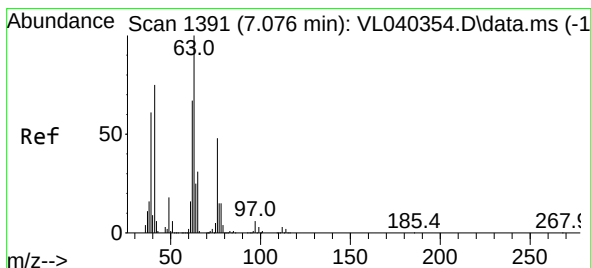
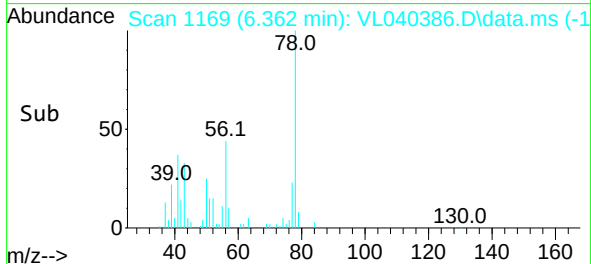
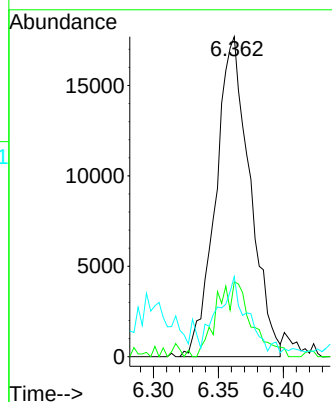
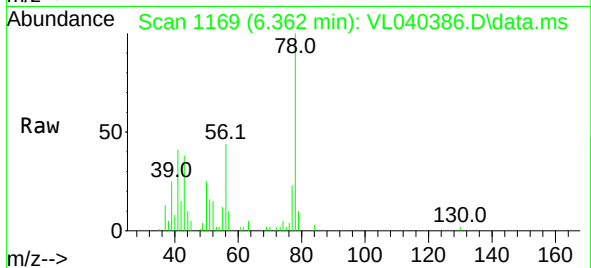




#36
Benzene
Concen: 0.145 ppbv
RT: 6.362 min Scan# 1172
Delta R.T. -0.010 min
Lab File: VL040386.D
Acq: 19 Apr 2023 19:11

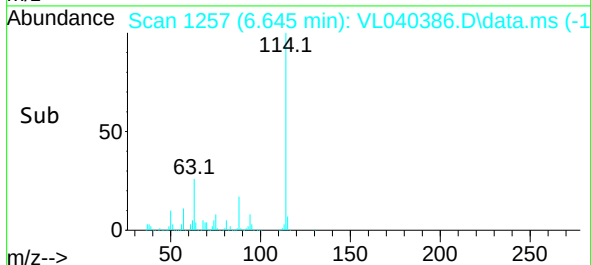
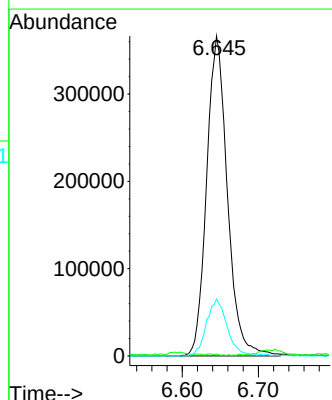
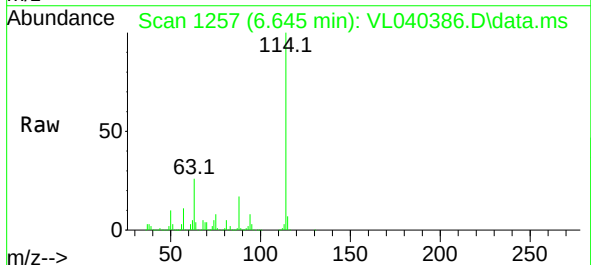
Instrument :
MSVOA_L
ClientSampleId :
VP2-A

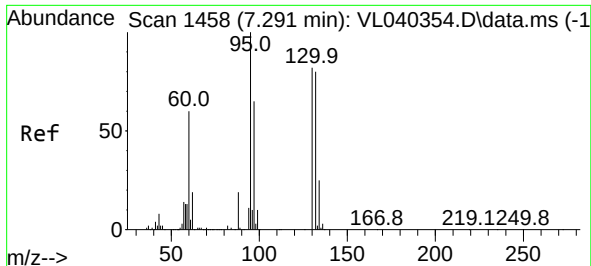
Tgt Ion: 78 Resp: 32390
Ion Ratio Lower Upper
78 100
77 21.1 17.8 26.8
50 23.8 15.6 23.4#



#39
1,2-Dichloropropane
Concen: 7.888 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. -0.431 min
Lab File: VL040386.D
Acq: 19 Apr 2023 19:11

Tgt Ion: 63 Resp: 695607
Ion Ratio Lower Upper
63 100
41 0.0 59.6 89.4#
62 17.8 53.9 80.9#

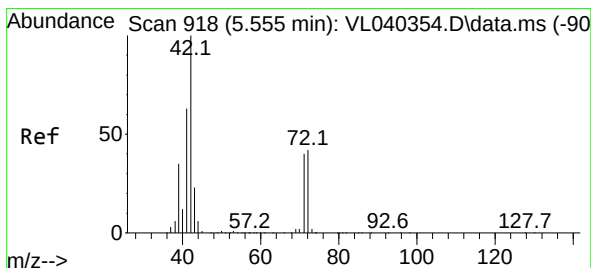
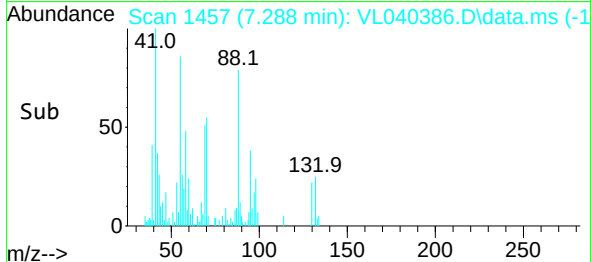
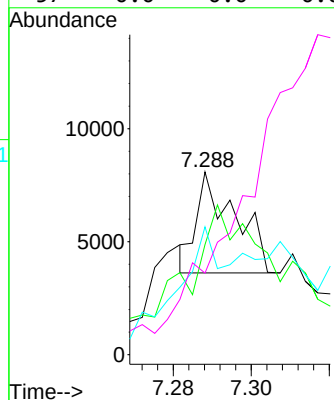
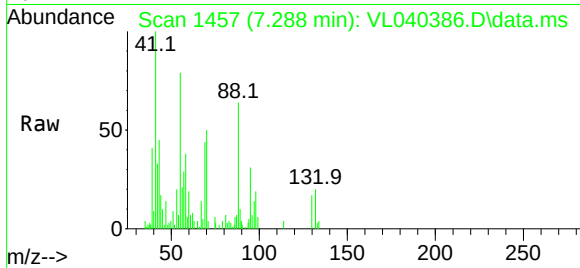




#40
1,4-Dioxane
Concen: 0.090 ppbv
RT: 7.288 min Scan# 1458
Delta R.T. -0.003 min
Lab File: VL040386.D
Acq: 19 Apr 2023 19:11

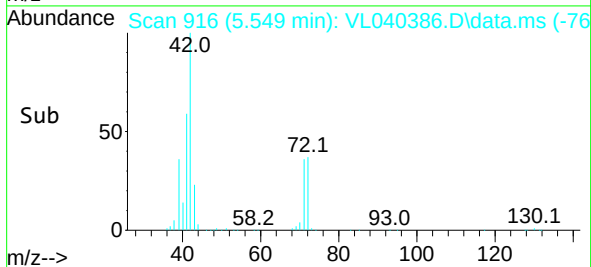
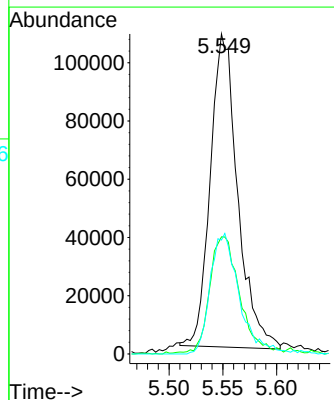
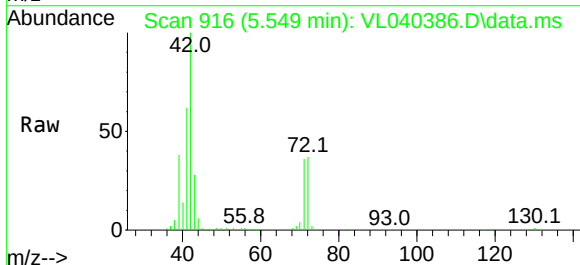
Instrument :
MSVOA_L
ClientSampleId :
VP2-A

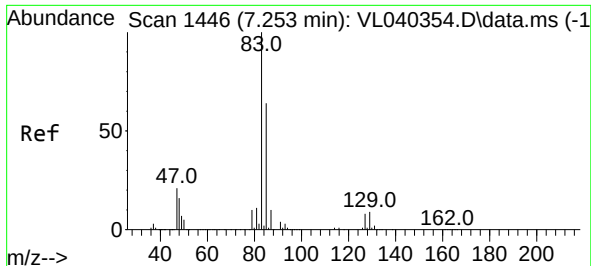
Tgt Ion: 88 Resp: 3046
Ion Ratio Lower Upper
88 100
58 492.9 100.8 151.2#
43 471.3 0.0 0.0#
57 0.0 0.0 0.0



#41
Tetrahydrofuran
Concen: 2.343 ppbv
RT: 5.549 min Scan# 916
Delta R.T. -0.006 min
Lab File: VL040386.D
Acq: 19 Apr 2023 19:11

Tgt Ion: 42 Resp: 190043
Ion Ratio Lower Upper
42 100
72 42.7 33.7 50.5
71 41.4 32.2 48.2

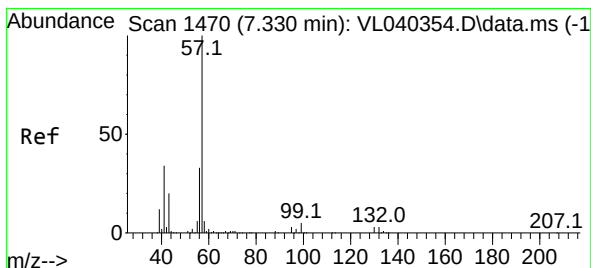
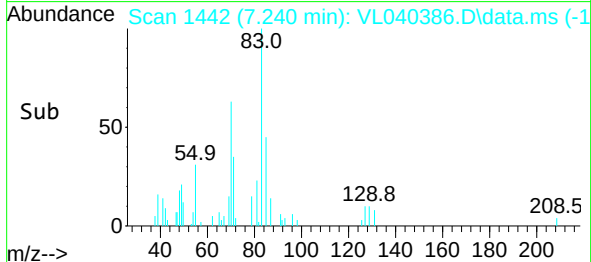
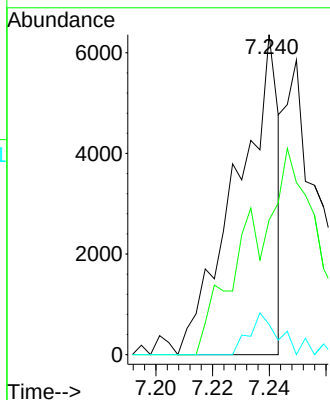
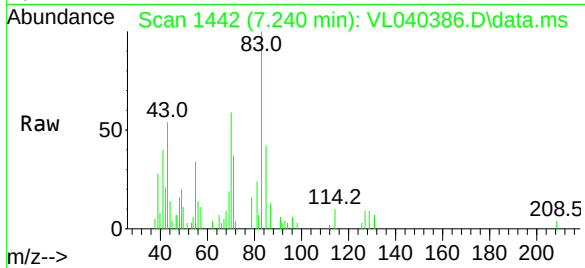




#42
Bromodichloromethane
Concen: 0.032 ppbv
RT: 7.240 min Scan# 1446
Delta R.T. -0.013 min
Lab File: VL040386.D
Acq: 19 Apr 2023 19:11

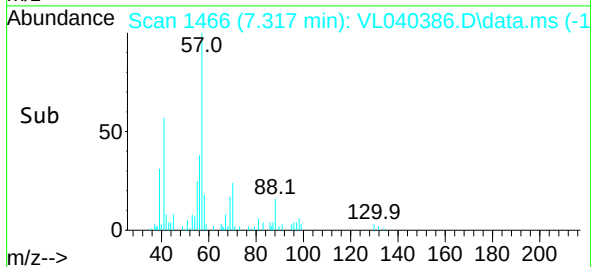
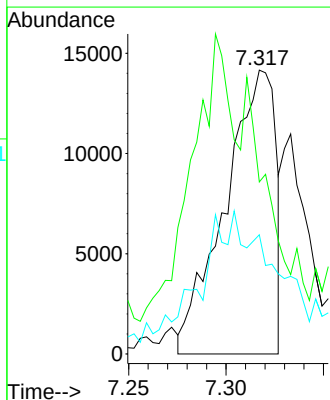
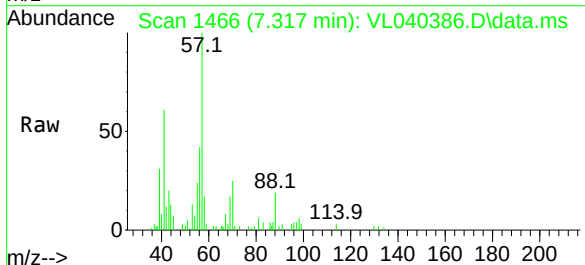
Instrument :
MSVOA_L
ClientSampleId :
VP2-A

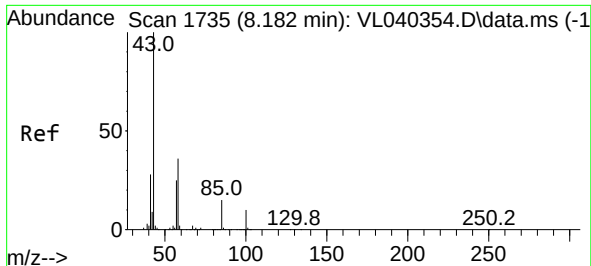
Tgt Ion: 83 Resp: 6507
Ion Ratio Lower Upper
83 100
85 42.1 50.9 76.3#
127 9.4 6.4 9.6



#44
2,2,4-Trimethylpentane
Concen: 0.068 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. -0.013 min
Lab File: VL040386.D
Acq: 19 Apr 2023 19:11

Tgt Ion: 57 Resp: 25643
Ion Ratio Lower Upper
57 100
41 158.2 26.9 40.3#
56 76.7 25.1 37.7#





#50

4-Methyl-2-Pentanone

Concen: 0.305 ppbv

RT: 8.182 min Scan# 1

Delta R.T. -0.000 min

Lab File: VL040386.D

Acq: 19 Apr 2023 19:11

Instrument :

MSVOA_L

ClientSampleId :

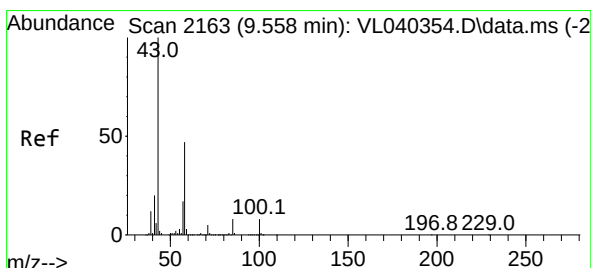
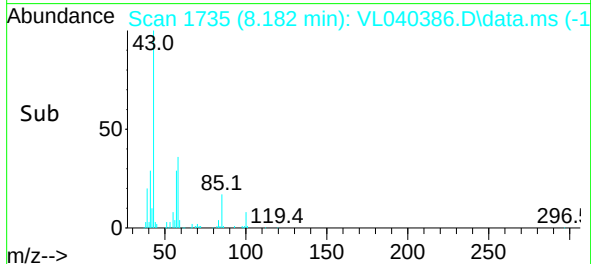
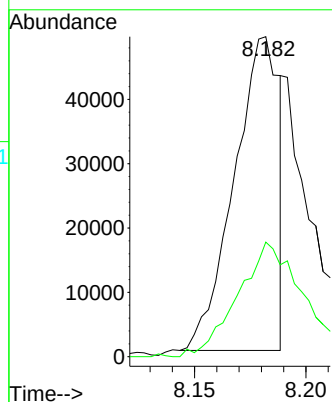
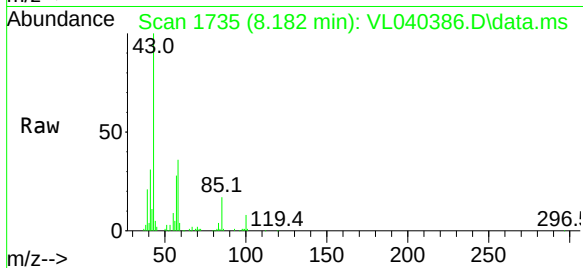
VP2-A

Tgt Ion: 43 Resp: 68606

Ion Ratio Lower Upper

43 100

58 55.5 28.6 43.0#



#51

2-Hexanone

Concen: 0.036 ppbv

RT: 9.548 min Scan# 2160

Delta R.T. -0.010 min

Lab File: VL040386.D

Acq: 19 Apr 2023 19:11

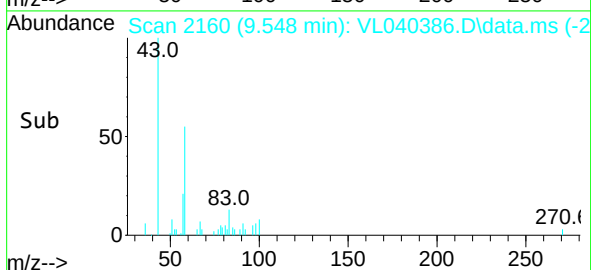
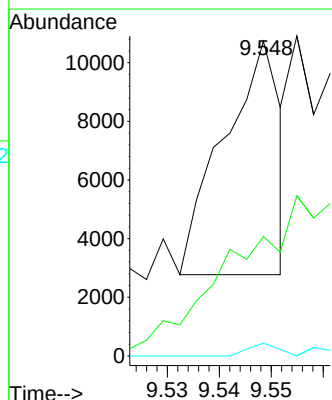
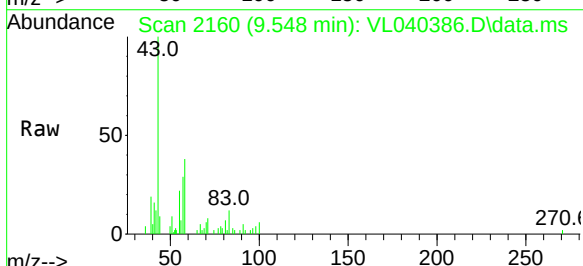
Tgt Ion: 43 Resp: 6048

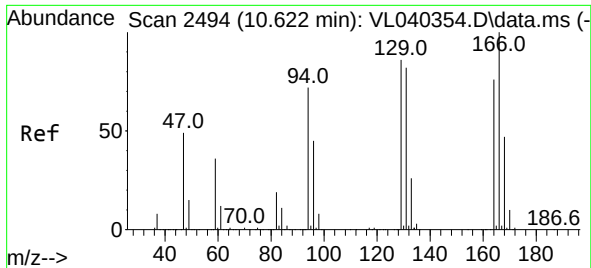
Ion Ratio Lower Upper

43 100

58 194.1 38.3 57.5#

98 2.8 0.4 0.6#

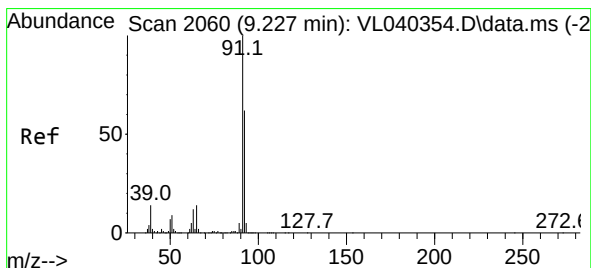
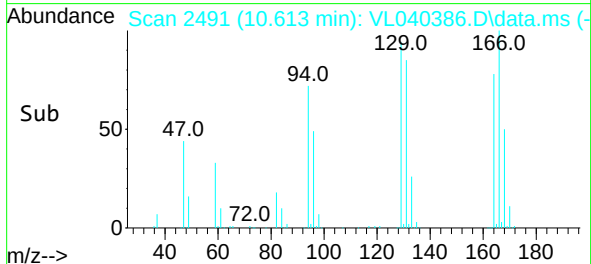
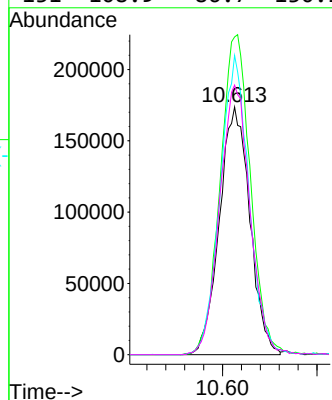
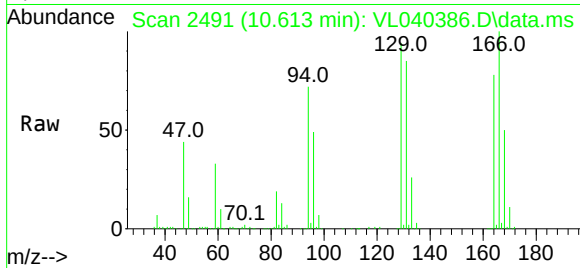




#52
Tetrachloroethene
Concen: 5.522 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. -0.009 min
Lab File: VL040386.D
Acq: 19 Apr 2023 19:11

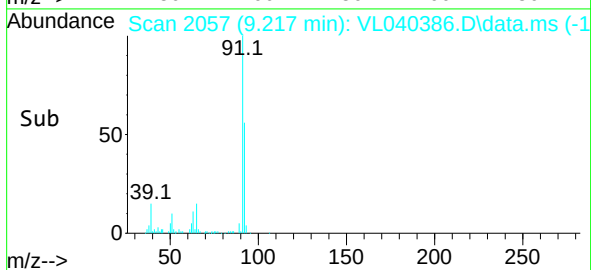
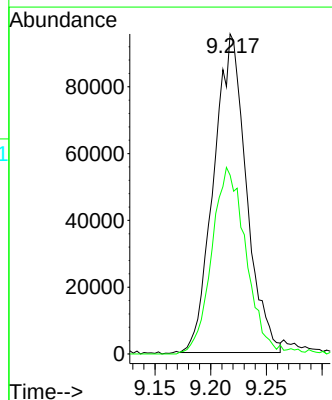
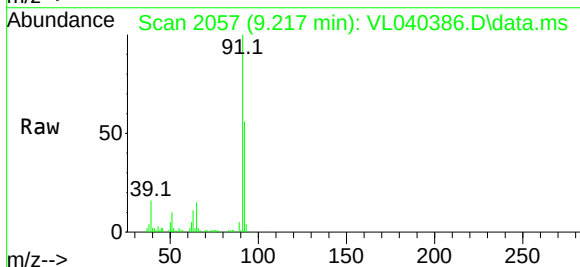
Instrument :
MSVOA_L
ClientSampleId :
VP2-A

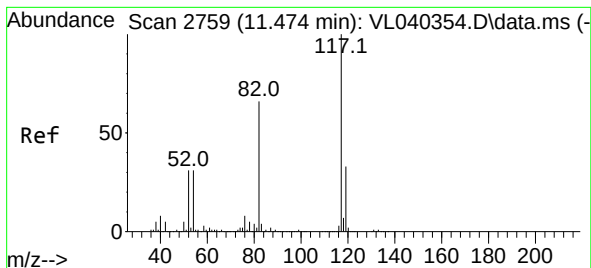
Tgt Ion:164 Resp: 387171
Ion Ratio Lower Upper
164 100
166 128.3 105.2 157.8
129 120.8 90.3 135.5
131 108.9 86.7 130.1



#53
Toluene
Concen: 0.818 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. -0.010 min
Lab File: VL040386.D
Acq: 19 Apr 2023 19:11

Tgt Ion: 91 Resp: 194397
Ion Ratio Lower Upper
91 100
92 62.3 48.9 73.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 21

Delta R.T. -0.009 min

Lab File: VL040386.D

Acq: 19 Apr 2023 19:11

Instrument :

MSVOA_L

ClientSampleId :

VP2-A

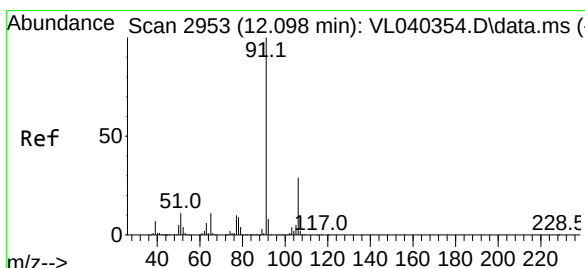
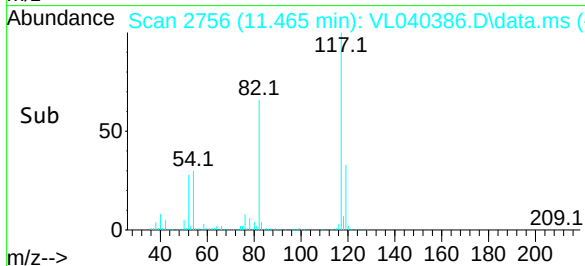
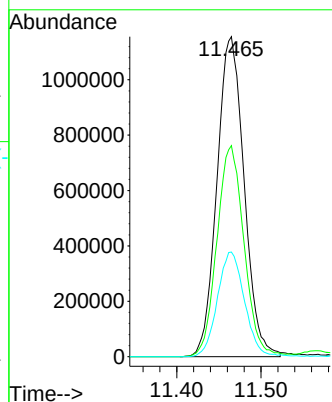
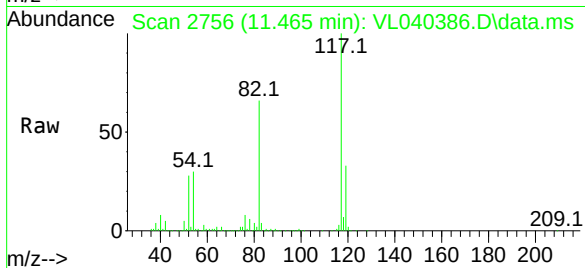
Tgt Ion:117 Resp: 2585298

Ion Ratio Lower Upper

117 100

82 65.8 52.5 78.7

119 33.0 24.3 36.5



#58

Ethyl Benzene

Concen: 0.183 ppbv

RT: 12.082 min Scan# 2948

Delta R.T. -0.016 min

Lab File: VL040386.D

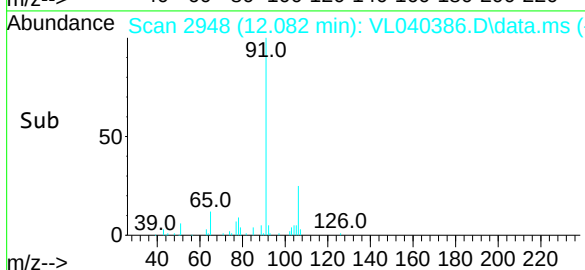
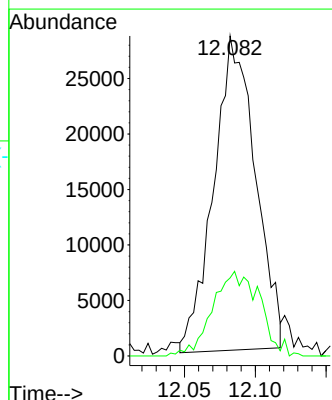
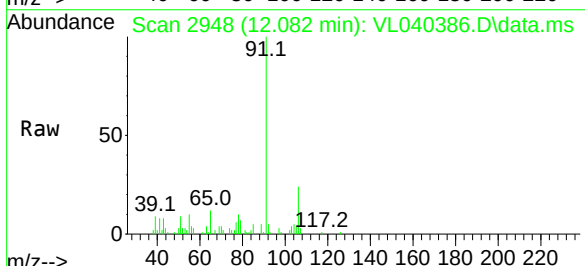
Acq: 19 Apr 2023 19:11

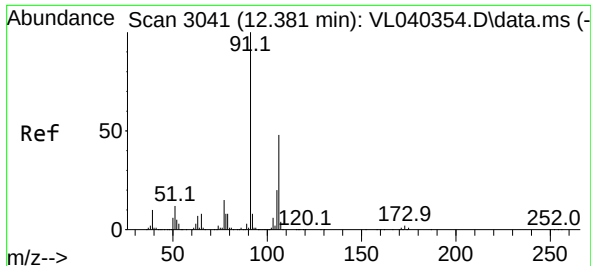
Tgt Ion: 91 Resp: 58098

Ion Ratio Lower Upper

91 100

106 23.8 23.5 35.3





#59

m/p-Xylene

Concen: 0.157 ppbv

RT: 12.368 min Scan# 3041

Delta R.T. -0.013 min

Lab File: VL040386.D

Acq: 19 Apr 2023 19:11

Instrument :

MSVOA_L

ClientSampleId :

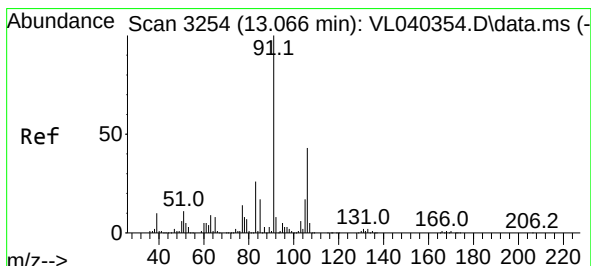
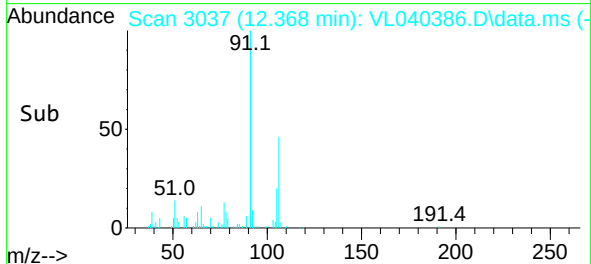
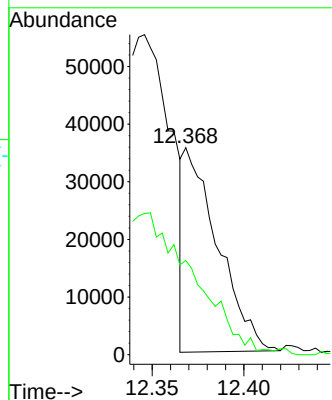
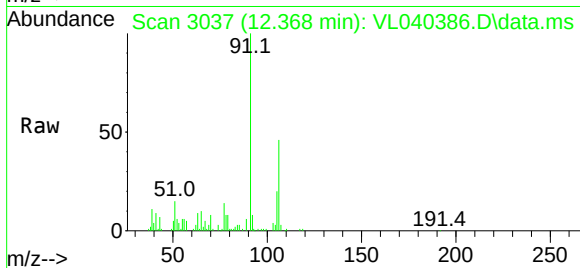
VP2-A

Tgt Ion: 91 Resp: 45836

Ion Ratio Lower Upper

91 100

106 0.0 34.7 52.1#



#60

o-Xylene

Concen: 0.131 ppbv

RT: 13.060 min Scan# 3252

Delta R.T. -0.006 min

Lab File: VL040386.D

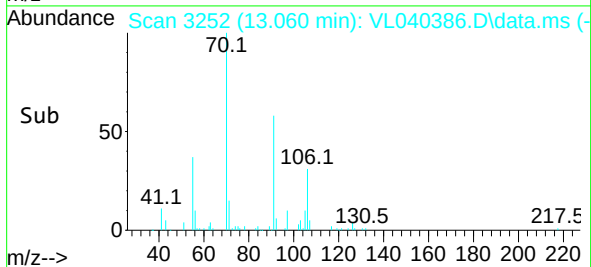
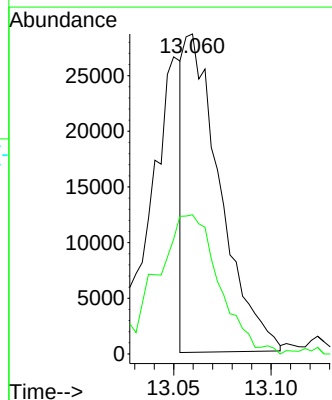
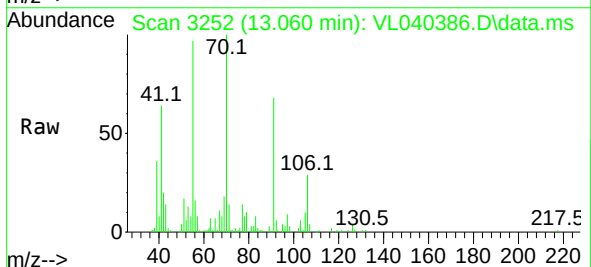
Acq: 19 Apr 2023 19:11

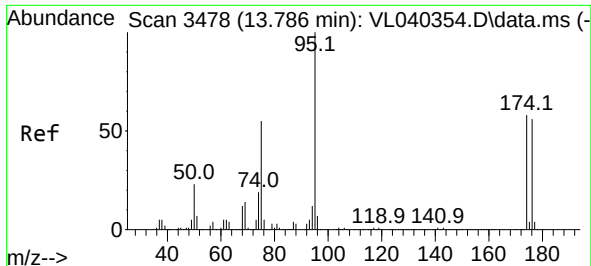
Tgt Ion: 91 Resp: 36722

Ion Ratio Lower Upper

91 100

106 76.5 21.9 65.8#

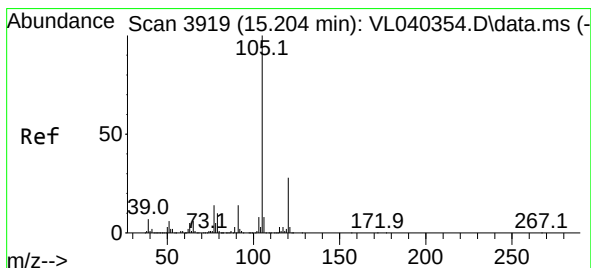
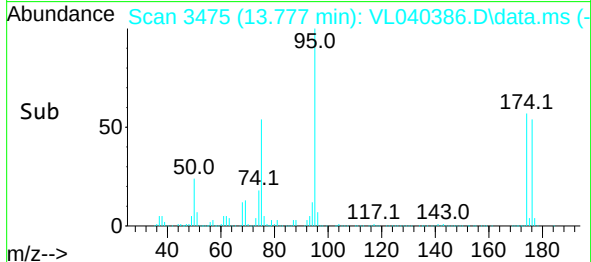
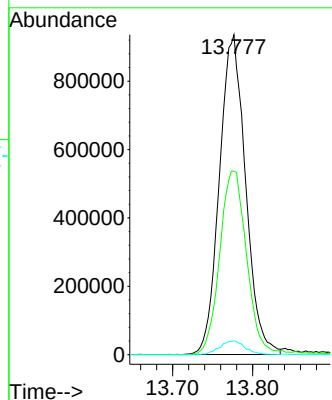
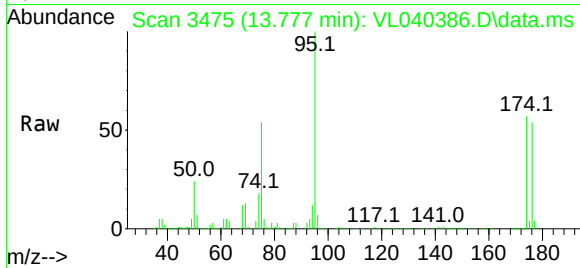




#68
1-Bromo-4-Fluorobenzene
Concen: 9.931 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. -0.009 min
Lab File: VL040386.D
Acq: 19 Apr 2023 19:11

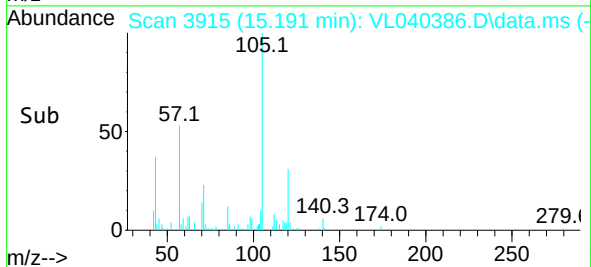
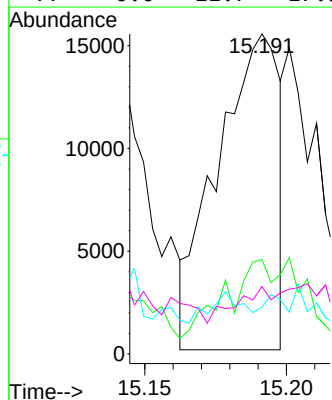
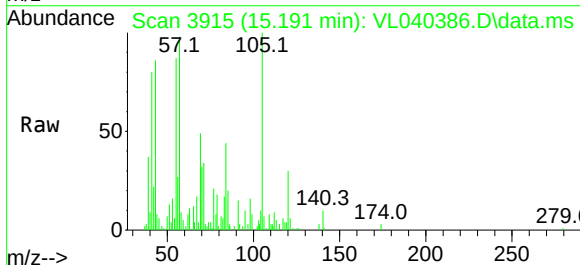
Instrument :
MSVOA_1
ClientSampleId :
VP2-A

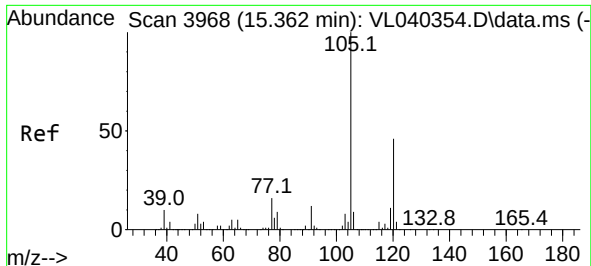
Tgt Ion: 95 Resp: 2123073
Ion Ratio Lower Upper
95 100
174 60.0 47.2 70.8
175 4.3 3.5 5.3



#72
4-Ethyltoluene
Concen: 0.075 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. -0.013 min
Lab File: VL040386.D
Acq: 19 Apr 2023 19:11

Tgt Ion: 105 Resp: 23343
Ion Ratio Lower Upper
105 100
120 0.0 23.0 34.6#
91 0.0 11.3 16.9#
77 0.0 11.7 17.5#

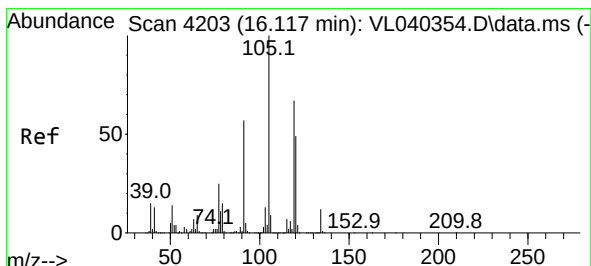
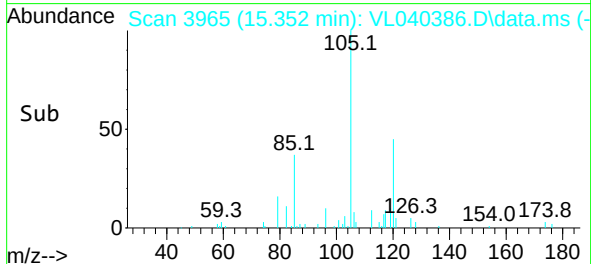
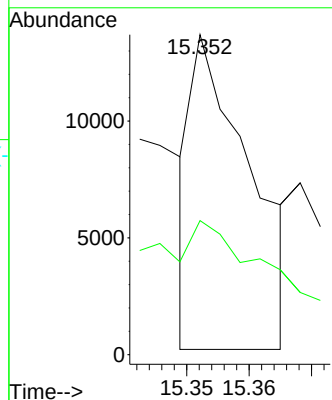
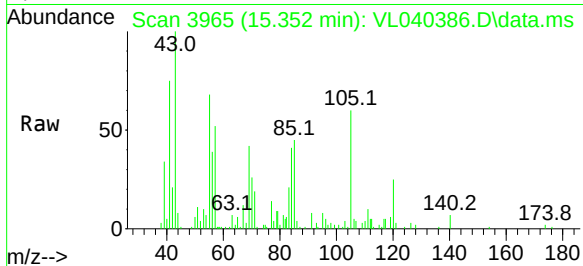




#73
 1,3,5-Trimethylbenzene
 Concen: 0.031 ppbv
 RT: 15.352 min Scan# 3965
 Delta R.T. -0.010 min
 Lab File: VL040386.D
 Acq: 19 Apr 2023 19:11

Instrument :
 MSVOA_L
 ClientSampleId :
 VP2-A

Tgt Ion:105 Resp: 8782
 Ion Ratio Lower Upper
 105 100
 120 28.9 36.9 55.3#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.040 ppbv
 RT: 16.101 min Scan# 4198
 Delta R.T. -0.016 min
 Lab File: VL040386.D
 Acq: 19 Apr 2023 19:11

Tgt Ion:105 Resp: 13163
 Ion Ratio Lower Upper
 105 100
 120 30.1 38.9 58.3#
 91 0.0 46.0 69.0#
 77 6.7 20.0 30.0#

