

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
 Data File : VL039651.D
 Acq On : 22 Sep 2022 1:37
 Operator : SY/AP
 Sample : N4669-06
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PF8

Quant Time: Sep 22 08:24:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

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

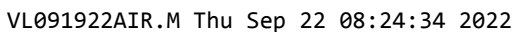
Internal Standards						
1) Bromochloromethane	5.217	49	1032184	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.677	114	2644109	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.484	117	2470698	10.000	ppbv	0.01

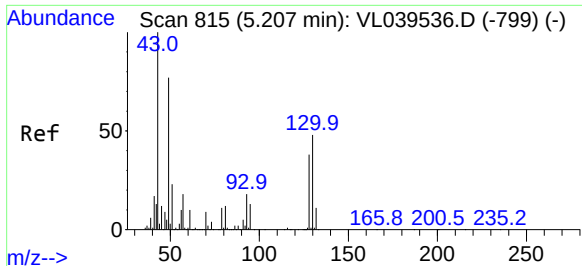
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.796	95	1883599	10.213	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.764	85	34380	0.287	ppbv #	85
3) Chlorodifluoromethane	2.684	51	276114	2.254	ppbv #	63
4) Chloromethane	2.845	50	48132	0.651	ppbv	91
9) Propene	2.738	41	1044447	18.670	ppbv #	60
10) Heptane	7.603	43	55903	0.428	ppbv	92
11) Trichlorofluoromethane	3.597	101	44846	0.303	ppbv	88
13) Ethanol	3.275	45	3170157	743.721	ppbv	70
15) Acetone	3.494	43	3263762	28.416	ppbv	100
16) 1,3-Butadiene	2.996	39	22984	0.394	ppbv #	12
17) tert-Butyl alcohol	3.925	59	42209	0.410	ppbv #	88
19) Isopropyl Alcohol	3.613	45	2088695	35.676	ppbv #	95
20) Methylene Chloride	3.960	84	934769	17.603	ppbv	93
21) Allyl Chloride	3.963	41	43036	0.550	ppbv #	40
23) Vinyl Acetate	4.652	43	39960	0.770	ppbv #	52
25) Ethyl Acetate	5.237	43	531471	2.122	ppbv #	91
26) Hexane	5.240	57	413809	3.893	ppbv #	59
27) Carbon Disulfide	4.150	76	8165	0.073	ppbv #	52
29) Chloroform	5.301	83	457423	2.981	ppbv	98
30) Cyclohexane	6.616	84	3622	0.044	ppbv #	1
34) 2-Butanone	4.816	43	172676	1.330	ppbv	94
35) Carbon Tetrachloride	6.520	117	10651	0.076	ppbv	87
36) Benzene	6.391	78	67063	0.332	ppbv #	90
37) 1,2-Dichloroethane	5.832	62	54083	0.492	ppbv #	93
39) 1,2-Dichloropropane	6.729	63	8958	0.115	ppbv #	36
41) Tetrahydrofuran	5.590	42	11218	0.141	ppbv #	21
42) Bromodichloromethane	7.275	83	16936	0.111	ppbv #	75
44) 2,2,4-Trimethylpentane	7.349	57	127115	0.365	ppbv #	79
51) 2-Hexanone	9.590	43	5537	0.037	ppbv #	23
52) Tetrachloroethene	10.626	164	14408	0.187	ppbv	89
53) Toluene	9.240	91	482808	2.147	ppbv	100
58) Ethyl Benzene	12.111	91	105827	0.371	ppbv	96
59) m/p-Xylene	12.391	91	52246	0.206	ppbv #	32
60) o-Xylene	13.082	91	80337	0.332	ppbv	99
61) Styrene	12.921	104	38880	0.298	ppbv #	81
66) Benzyl Chloride	16.355	91	812	0.032	ppbv #	67
69) p-Isopropyltoluene	17.018	119	31851	0.086	ppbv #	12
74) 1,2,4-Trimethylbenzene	16.124	105	54334	0.192	ppbv #	70
76) 1,4-Dichlorobenzene	16.490	146	11283	0.067	ppbv #	1
79) Naphthalene	21.403	128	10083	0.054	ppbv #	69

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

Quant Time: Sep 22 08:24:21 2022
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Mon Sep 19 14:26:28 2022
Response via : Initial Calibration

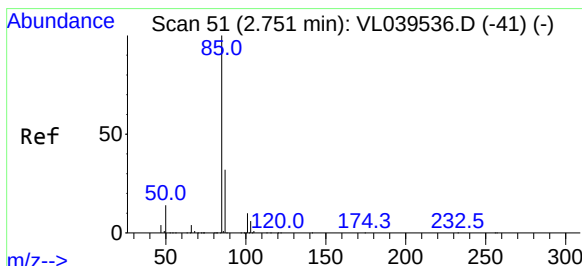
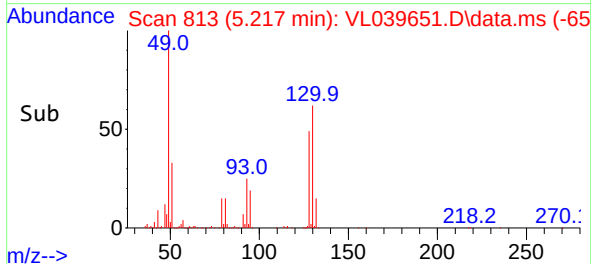
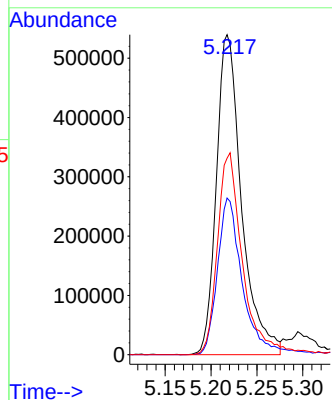
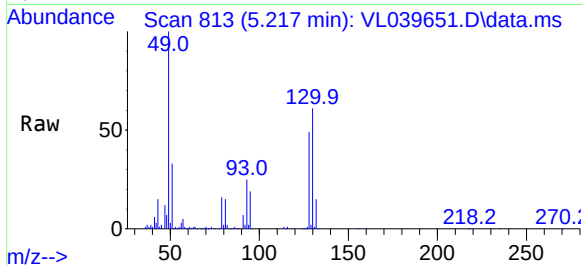




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.217 min Scan# 81
 Delta R.T. 0.010 min
 Lab File: VL039651.D
 Acq: 22 Sep 2022 1:37

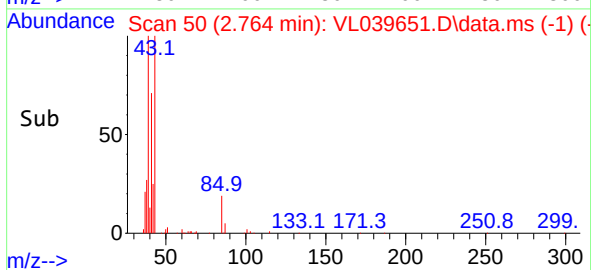
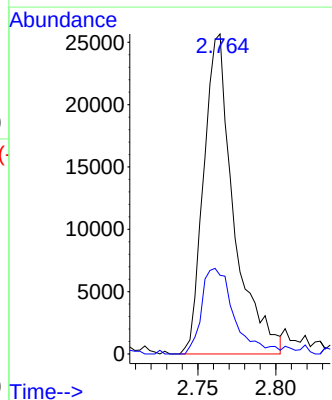
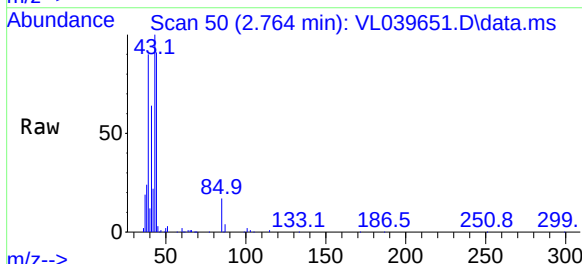
Instrument :
 MSVOA_L
 ClientSampleId :
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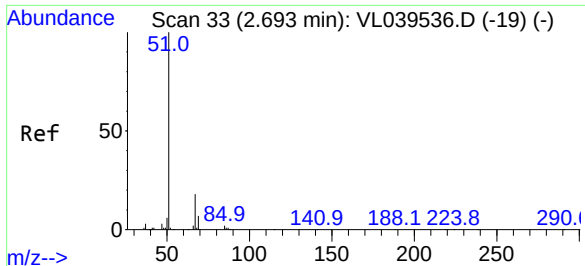
Tgt Ion: 49 Resp: 1032184
 Ion Ratio Lower Upper
 49 100
 128 49.6 26.7 80.0
 130 63.2 34.3 102.8



#2
 Dichlorodifluoromethane
 Concen: 0.287 ppbv
 RT: 2.764 min Scan# 50
 Delta R.T. 0.013 min
 Lab File: VL039651.D
 Acq: 22 Sep 2022 1:37

Tgt Ion: 85 Resp: 34380
 Ion Ratio Lower Upper
 85 100
 87 24.6 26.7 40.1#

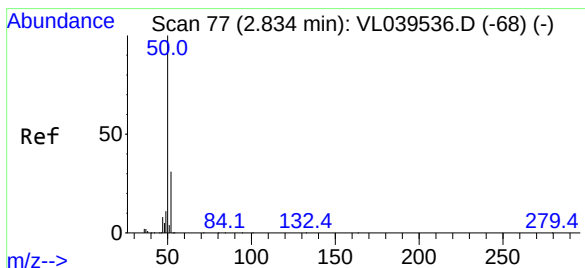
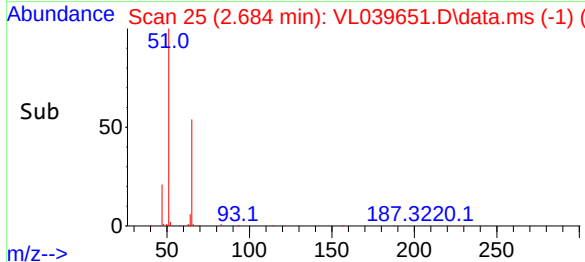
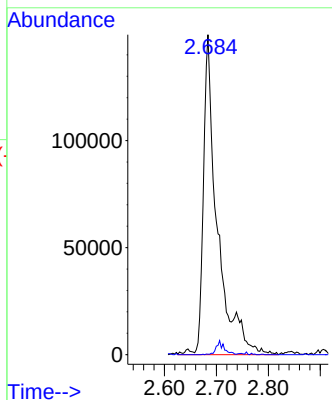
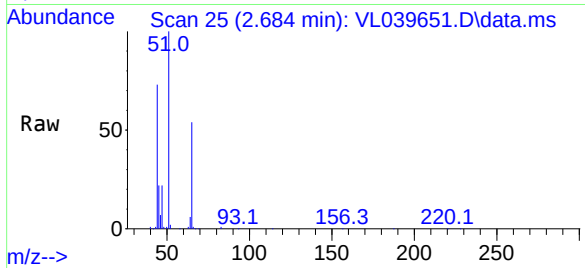




#3
Chlorodifluoromethane
Concen: 2.254 ppbv
RT: 2.684 min Scan# 21
Delta R.T. -0.009 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

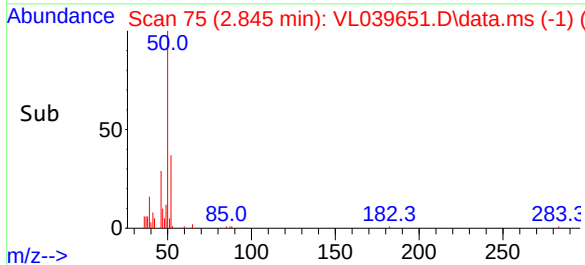
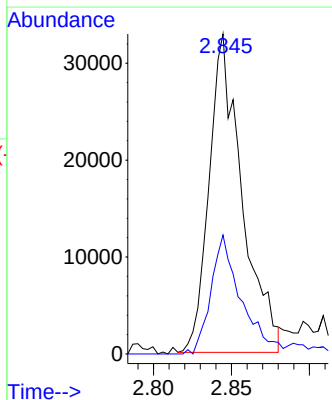
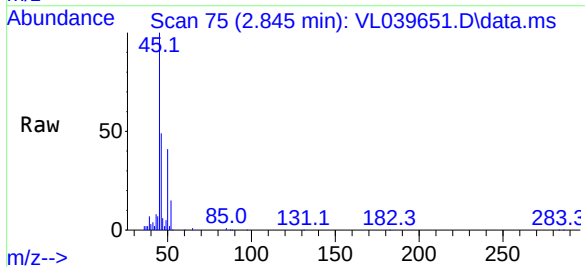
Instrument :
MSVOA_L
ClientSampleId :
COPF8

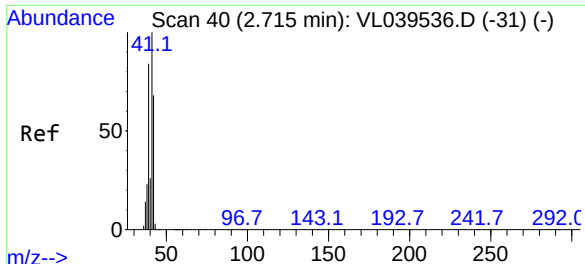
Tgt Ion: 51 Resp: 276114
Ion Ratio Lower Upper
51 100
67 2.9 15.7 23.5#



#4
Chloromethane
Concen: 0.651 ppbv
RT: 2.845 min Scan# 75
Delta R.T. 0.010 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

Tgt Ion: 50 Resp: 48132
Ion Ratio Lower Upper
50 100
52 37.9 26.5 39.7

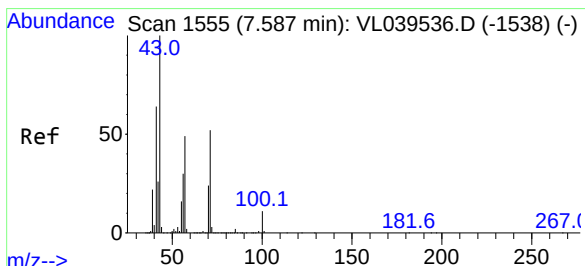
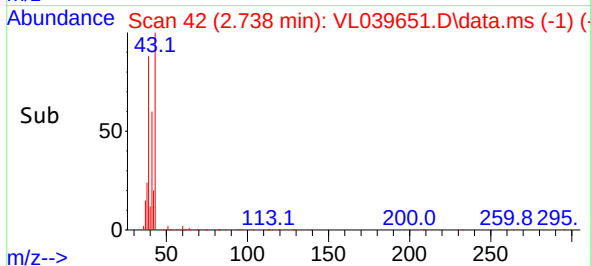
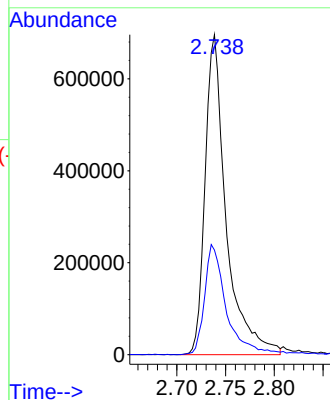
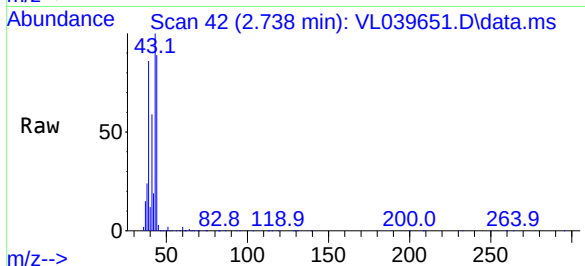




#9
Propene
Concen: 18.670 ppbv
RT: 2.738 min Scan# 41
Delta R.T. 0.023 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

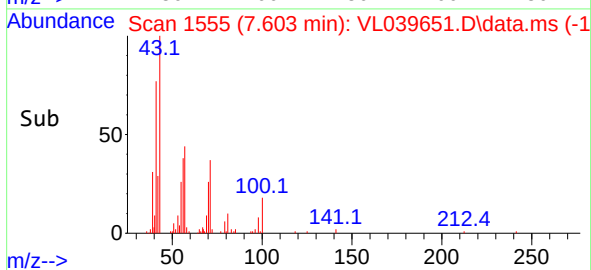
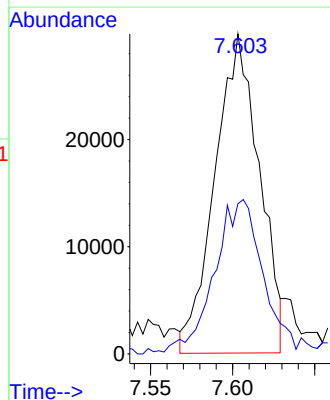
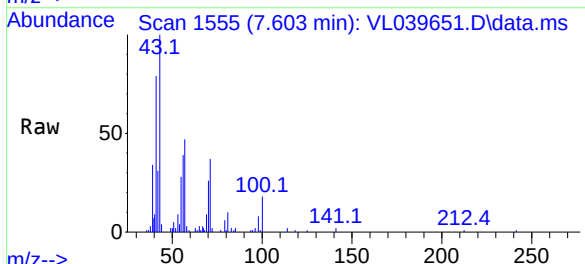
Instrument :
MSVOA_L
ClientSampleId :
COPF8

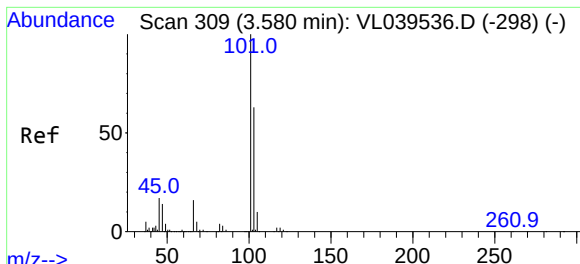
Tgt Ion: 41 Resp: 1044447
Ion Ratio Lower Upper
41 100
42 36.5 55.2 82.8#



#10
Heptane
Concen: 0.428 ppbv
RT: 7.603 min Scan# 1555
Delta R.T. 0.017 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

Tgt Ion: 43 Resp: 55903
Ion Ratio Lower Upper
43 100
57 55.8 40.5 60.7

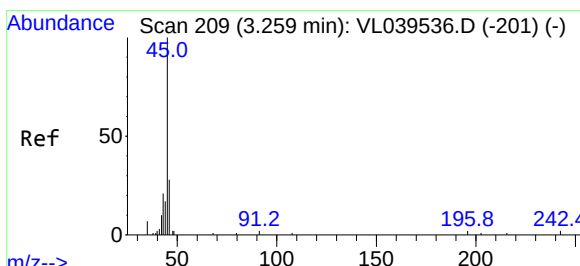
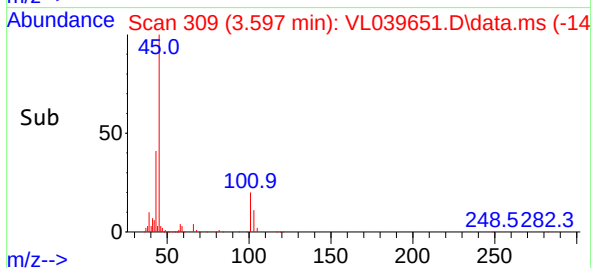
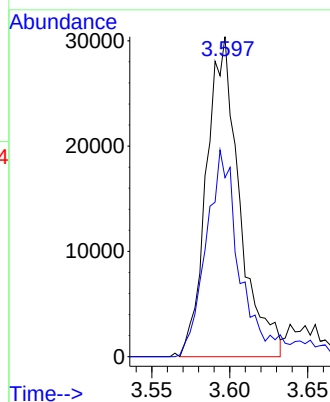
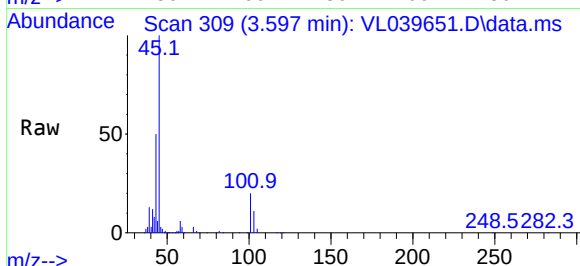




#11
 Trichlorofluoromethane
 Concen: 0.303 ppbv
 RT: 3.597 min Scan# 309
 Delta R.T. 0.017 min
 Lab File: VL039651.D
 Acq: 22 Sep 2022 1:37

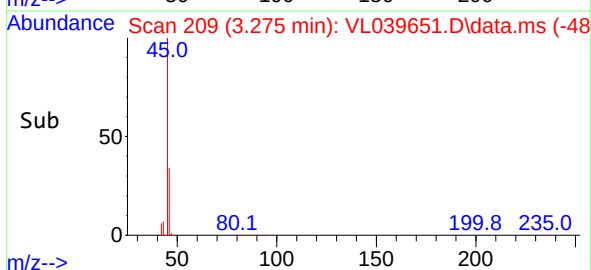
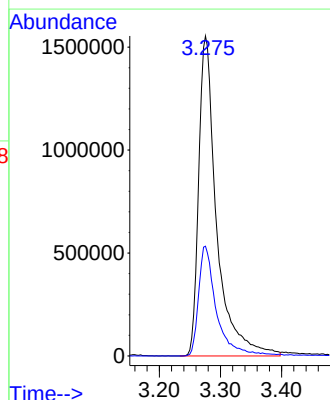
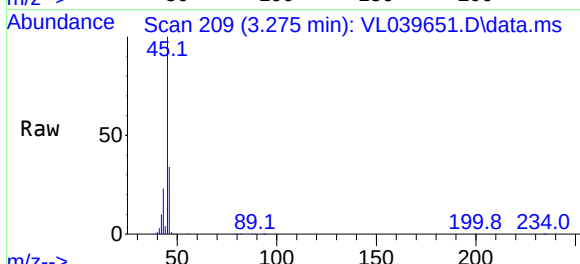
Instrument :
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 ClientSampleId :
 C0PF8

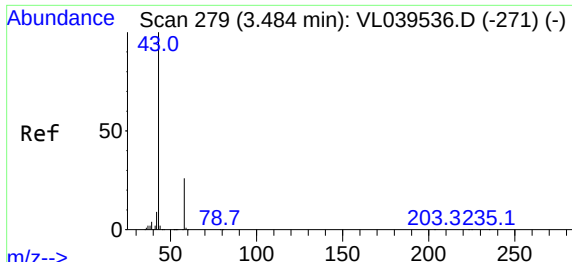
Tgt Ion:101 Resp: 44846
 Ion Ratio Lower Upper
 101 100
 103 55.4 51.8 77.8



#13
 Ethanol
 Concen: 743.721 ppbv
 RT: 3.275 min Scan# 209
 Delta R.T. 0.017 min
 Lab File: VL039651.D
 Acq: 22 Sep 2022 1:37

Tgt Ion: 45 Resp: 3170157
 Ion Ratio Lower Upper
 45 100
 46 34.8 22.8 91.2

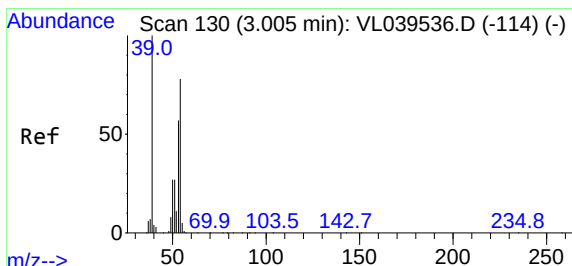
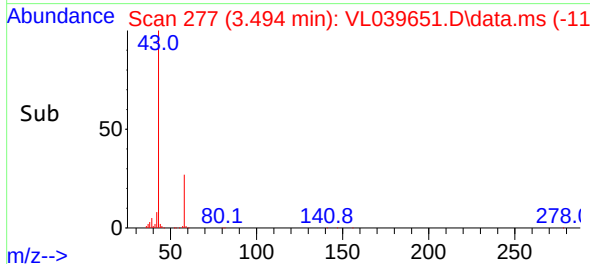
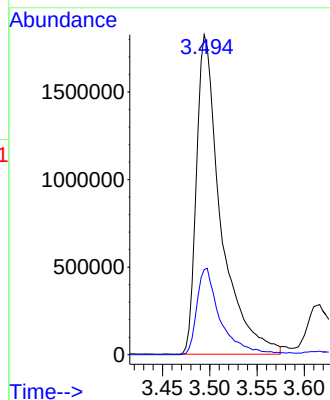
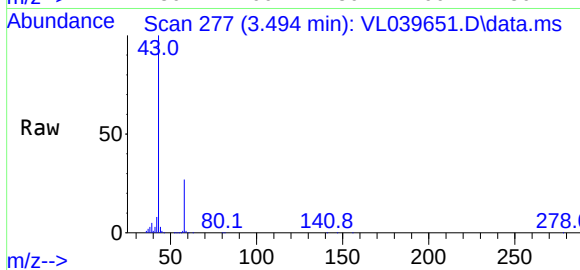




#15
Acetone
Concen: 28.416 ppbv
RT: 3.494 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

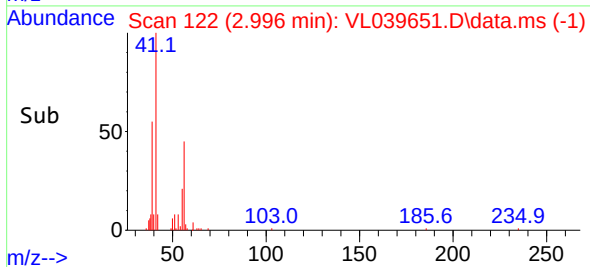
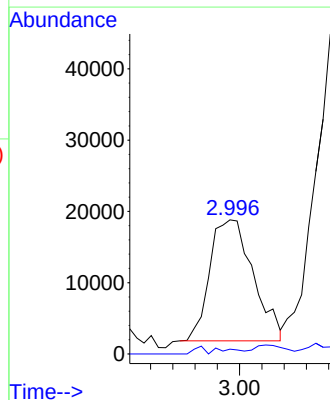
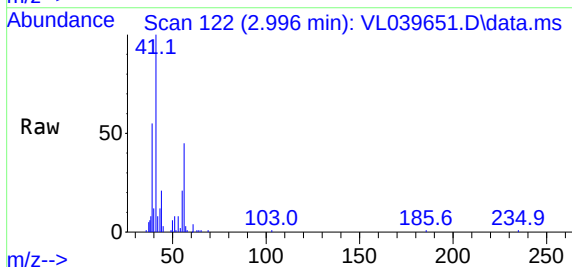
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ClientSampleId :
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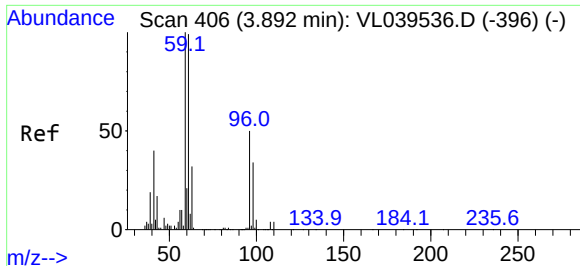
Tgt Ion: 43 Resp: 3263762
Ion Ratio Lower Upper
43 100
58 26.5 21.0 31.6



#16
1,3-Butadiene
Concen: 0.394 ppbv
RT: 2.996 min Scan# 122
Delta R.T. -0.009 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

Tgt Ion: 39 Resp: 22984
Ion Ratio Lower Upper
39 100
54 2.5 63.7 95.5#

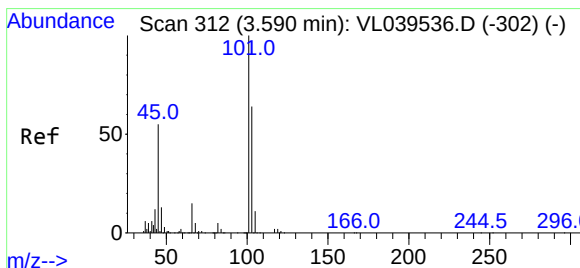
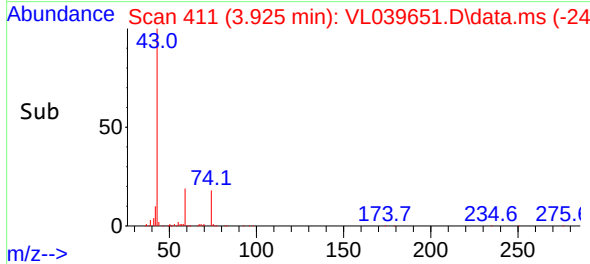
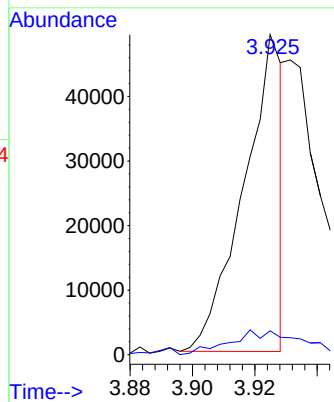
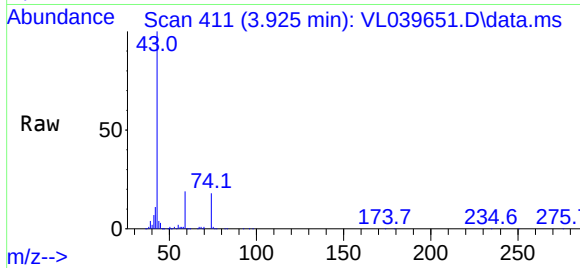




#17
tert-Butyl alcohol
Concen: 0.410 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.033 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

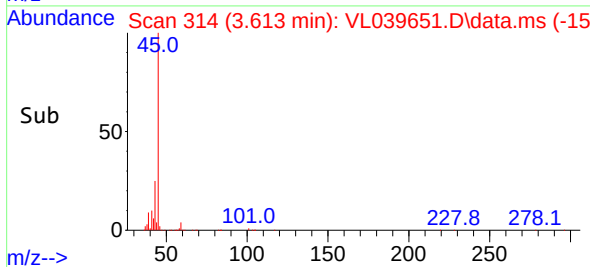
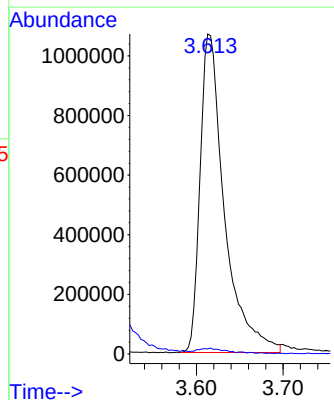
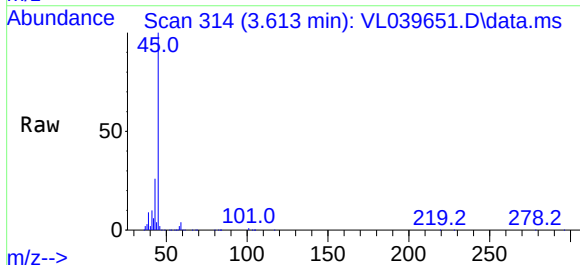
Instrument :
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ClientSampleId :
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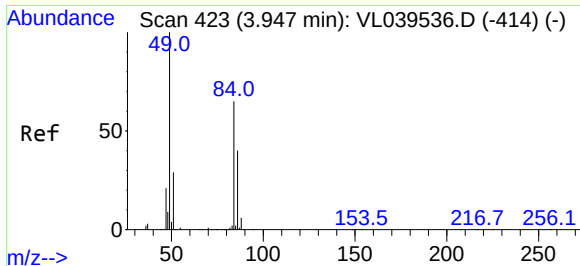
Tgt Ion: 59 Resp: 42209
Ion Ratio Lower Upper
59 100
57 15.6 8.7 13.1#



#19
Isopropyl Alcohol
Concen: 35.676 ppbv
RT: 3.613 min Scan# 314
Delta R.T. 0.023 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

Tgt Ion: 45 Resp: 2088695
Ion Ratio Lower Upper
45 100
58 2.3 3.2 4.8#



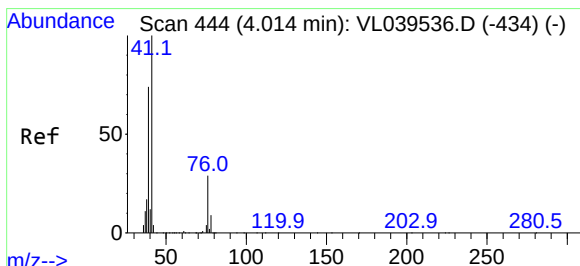
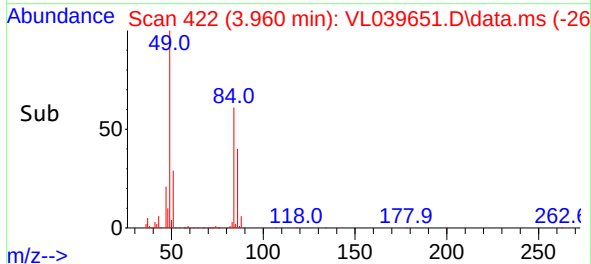
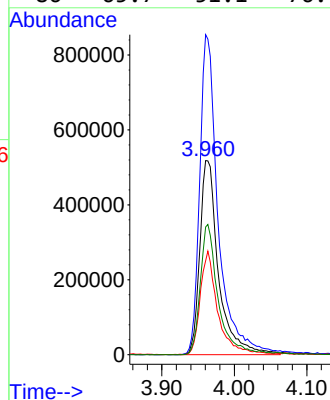
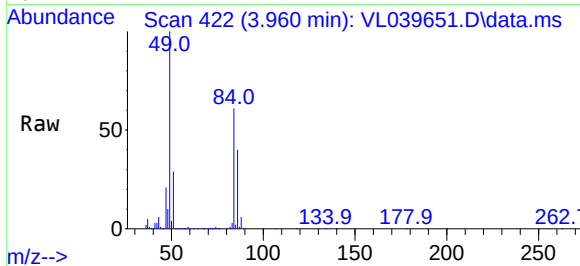


#20
Methylene Chloride
Concen: 17.603 ppbv
RT: 3.960 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

Instrument :
MSVOA_L
ClientSampleId :
COPF8

Tgt Ion: 84 Resp: 934769

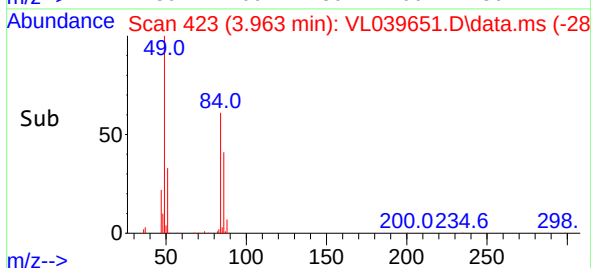
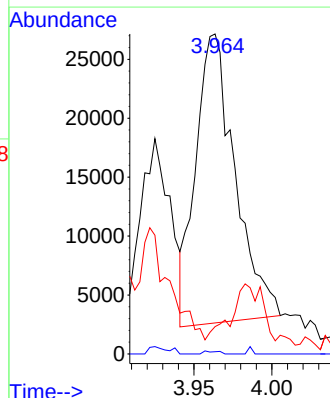
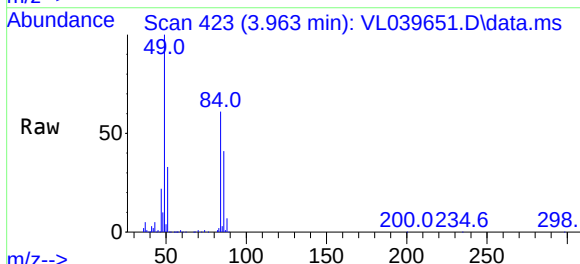
Ion	Ratio	Lower	Upper
84	100		
49	164.7	123.1	184.7
51	48.1	34.4	51.6
86	65.7	51.1	76.7

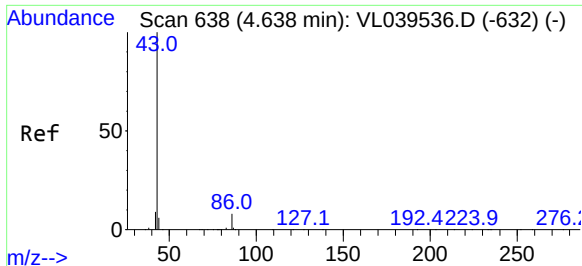


#21
Allyl Chloride
Concen: 0.550 ppbv
RT: 3.963 min Scan# 423
Delta R.T. -0.051 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

Tgt Ion: 41 Resp: 43036

Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.4	36.6#
39	25.0	63.5	95.3#



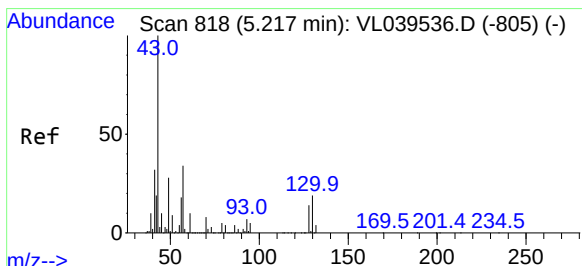
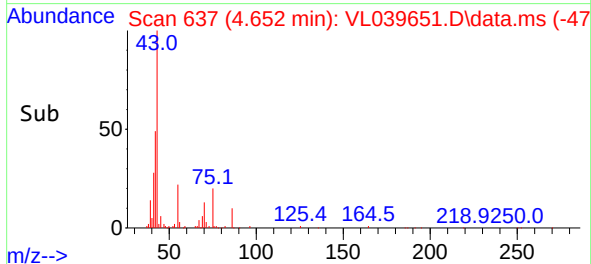
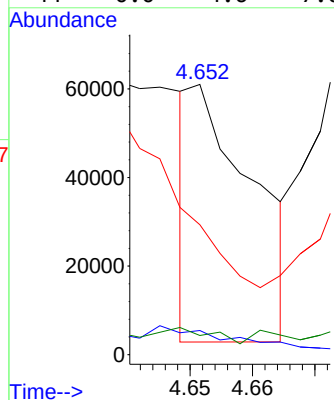
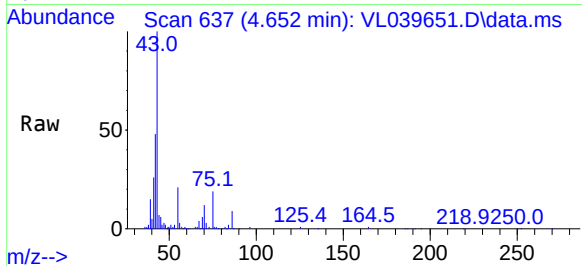


#23
 Vinyl Acetate
 Concen: 0.770 ppbv
 RT: 4.652 min Scan# 61
 Delta R.T. 0.013 min
 Lab File: VL039651.D
 Acq: 22 Sep 2022 1:37

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PF8

Tgt Ion: 43 Resp: 39960

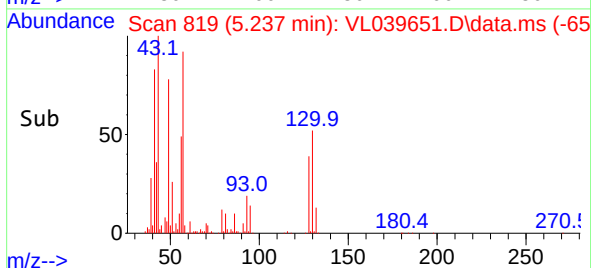
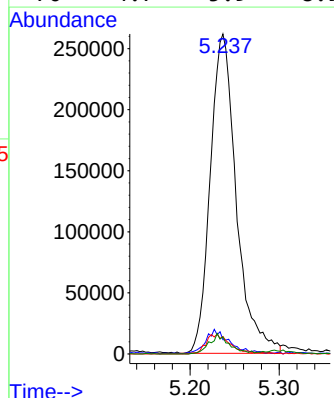
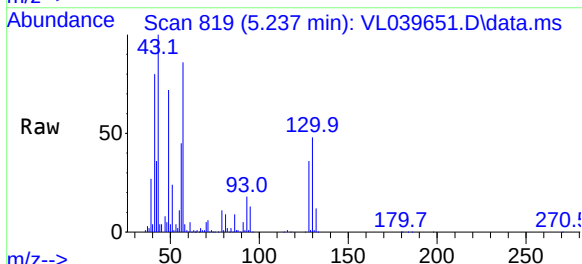
Ion	Ratio	Lower	Upper
43	100		
86	9.8	5.0	7.6#
42	43.4	7.7	11.5#
44	0.0	4.6	7.0#

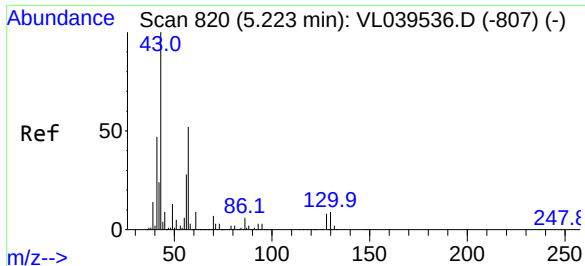


#25
 Ethyl Acetate
 Concen: 2.122 ppbv
 RT: 5.237 min Scan# 819
 Delta R.T. 0.020 min
 Lab File: VL039651.D
 Acq: 22 Sep 2022 1:37

Tgt Ion: 43 Resp: 531471

Ion	Ratio	Lower	Upper
43	100		
45	7.5	8.2	12.4#
61	6.0	8.3	12.5#
70	4.7	5.9	8.9#

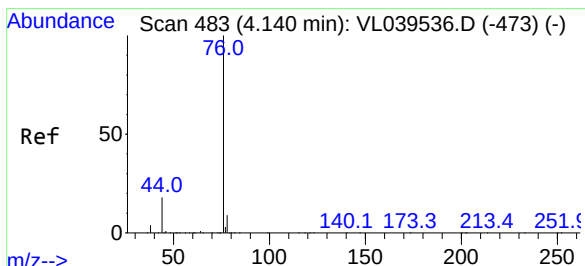
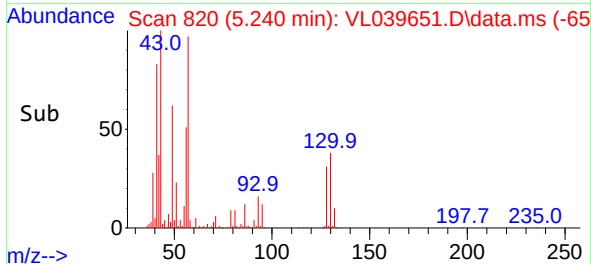
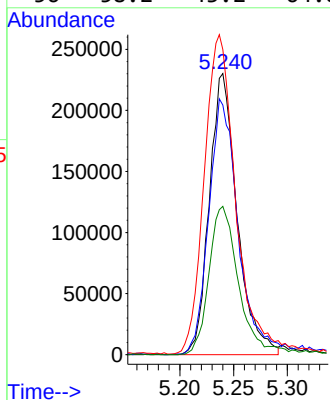
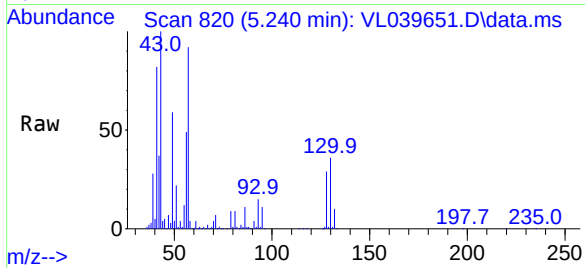




#26
Hexane
Concen: 3.893 ppbv
RT: 5.240 min Scan# 81
Delta R.T. 0.017 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

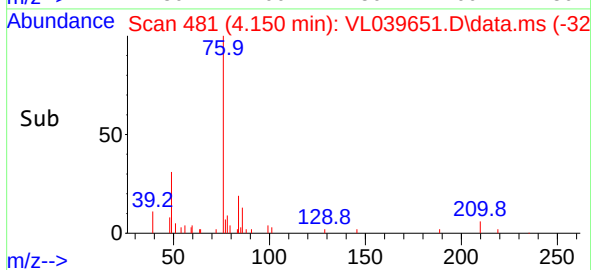
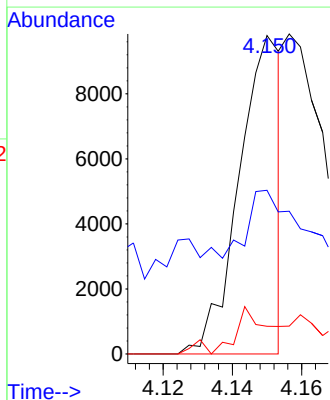
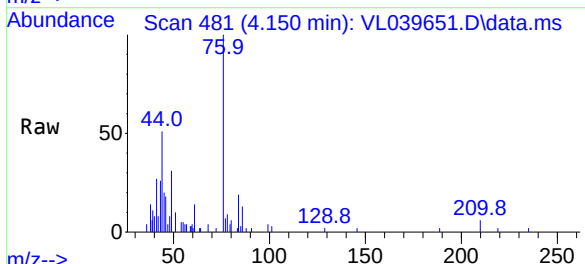
Instrument :
MSVOA_L
ClientSampleId :
COPF8

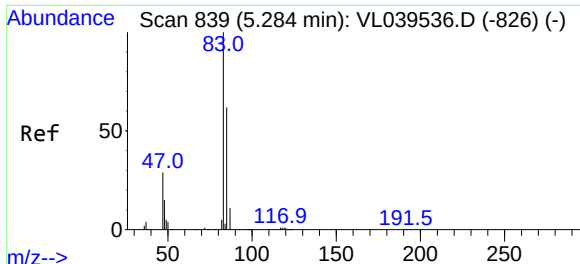
Tgt Ion: 57 Resp: 413809
Ion Ratio Lower Upper
57 100
41 100.0 76.9 115.3
43 130.3 191.0 286.6#
56 58.2 43.2 64.8



#27
Carbon Disulfide
Concen: 0.073 ppbv
RT: 4.150 min Scan# 481
Delta R.T. 0.010 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

Tgt Ion: 76 Resp: 8165
Ion Ratio Lower Upper
76 100
44 39.7 14.6 21.8#
78 27.0 7.8 11.6#

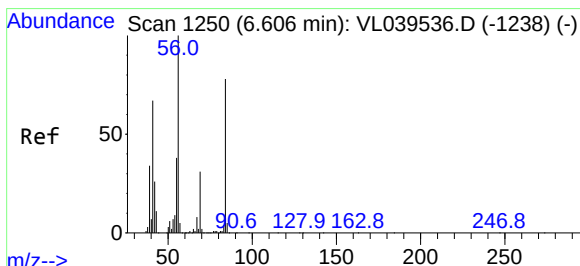
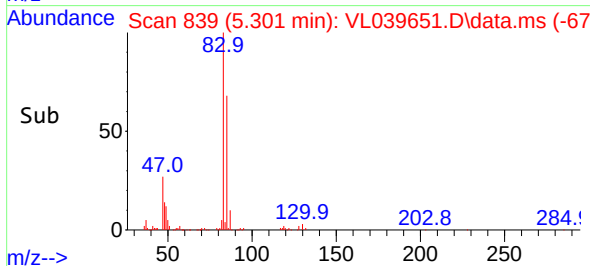
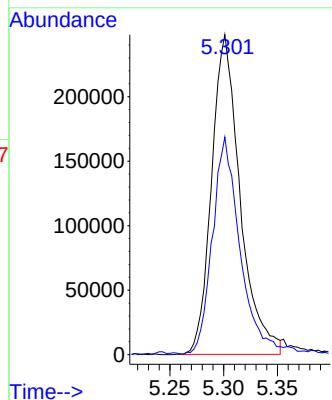
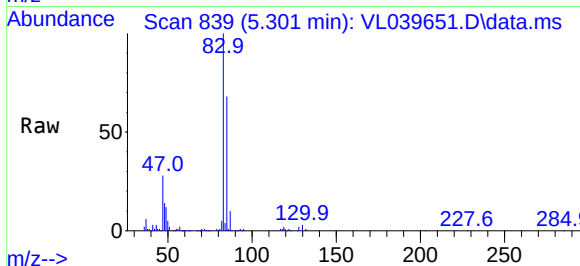




#29
Chloroform
Concen: 2.981 ppbv
RT: 5.301 min Scan# 81
Delta R.T. 0.017 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

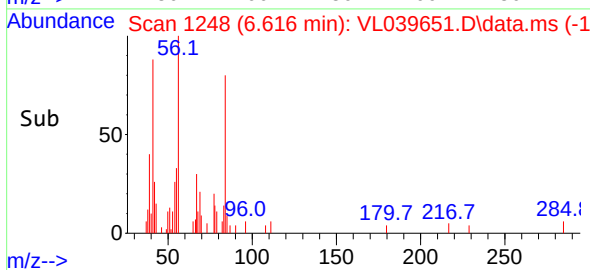
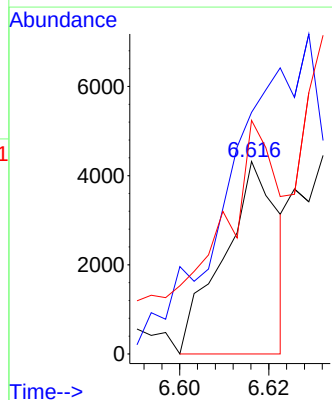
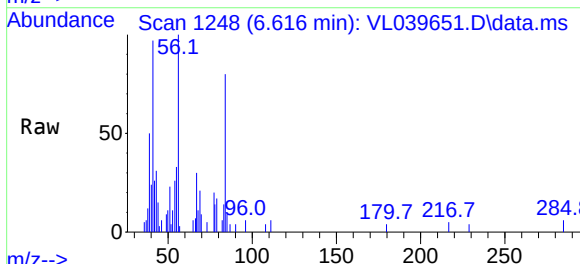
Instrument :
MSVOA_L
ClientSampleId :
COPF8

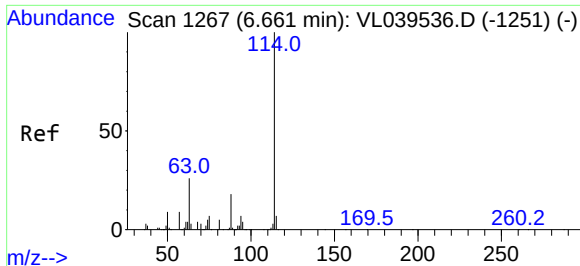
Tgt Ion: 83 Resp: 457423
Ion Ratio Lower Upper
83 100
85 67.7 52.8 79.2



#30
Cyclohexane
Concen: 0.044 ppbv
RT: 6.616 min Scan# 1248
Delta R.T. 0.010 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

Tgt Ion: 84 Resp: 3622
Ion Ratio Lower Upper
84 100
56 0.0 107.7 161.5#
41 0.0 67.7 101.5#



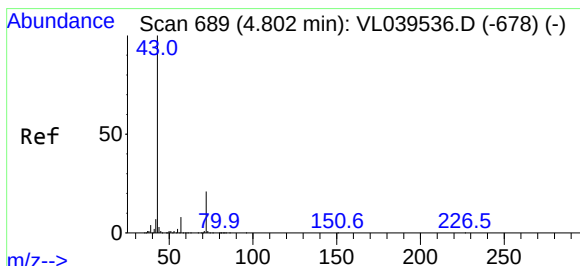
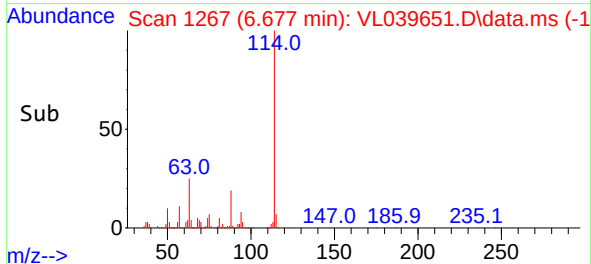
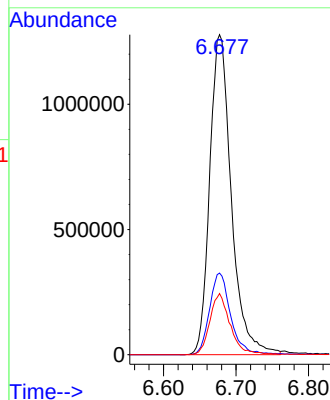
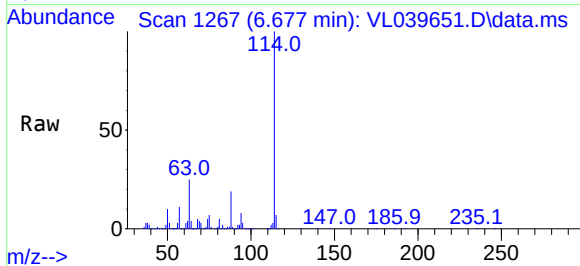


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.677 min Scan# 114
Delta R.T. 0.017 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

Instrument :
MSVOA_L
ClientSampleId :
COPF8

Tgt Ion:114 Resp: 2644109

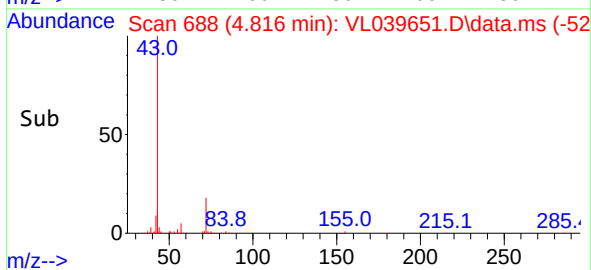
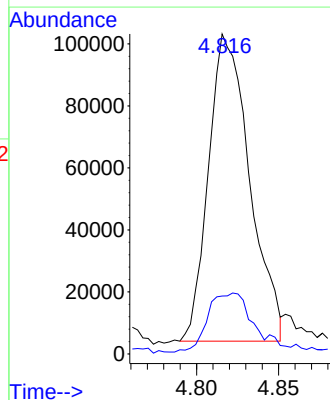
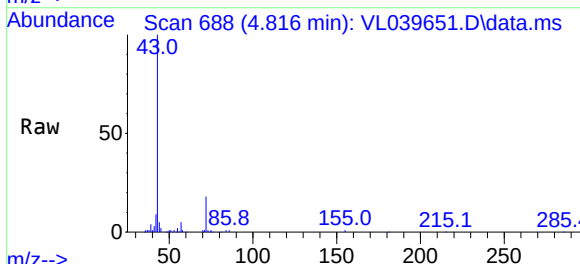
Ion	Ratio	Lower	Upper
114	100		
63	25.3	20.2	30.4
88	18.2	14.5	21.7

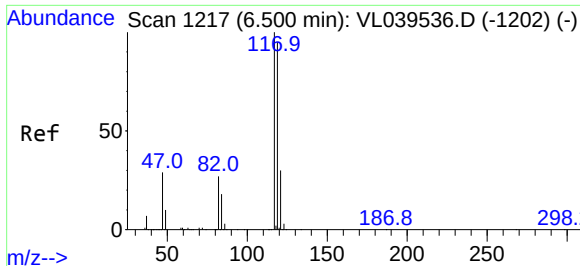


#34
2-Butanone
Concen: 1.330 ppbv
RT: 4.816 min Scan# 688
Delta R.T. 0.013 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

Tgt Ion: 43 Resp: 172676

Ion	Ratio	Lower	Upper
43	100		
72	25.2	17.9	26.9

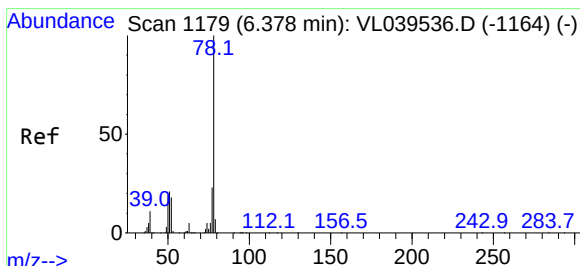
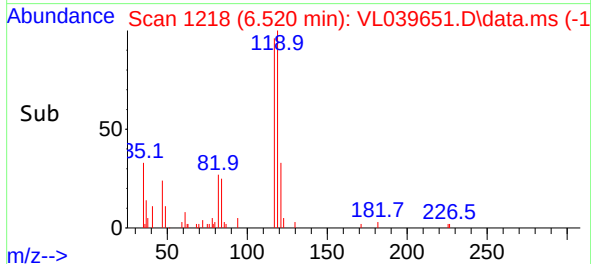
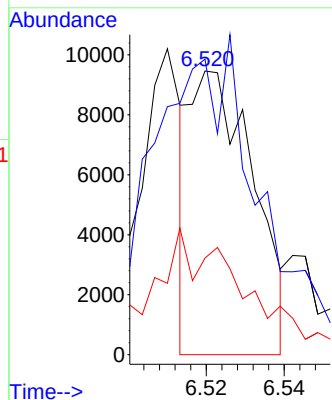
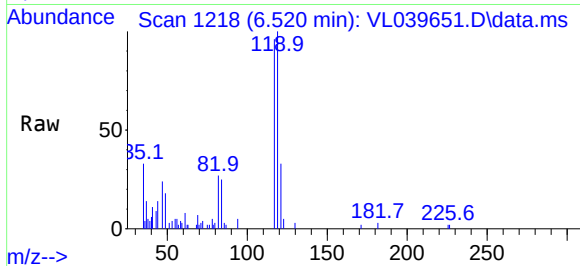




#35
Carbon Tetrachloride
Concen: 0.076 ppbv
RT: 6.520 min Scan# 117
Delta R.T. 0.020 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

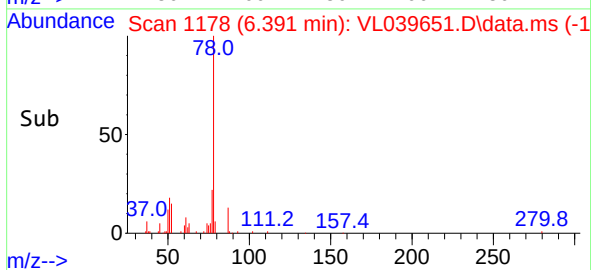
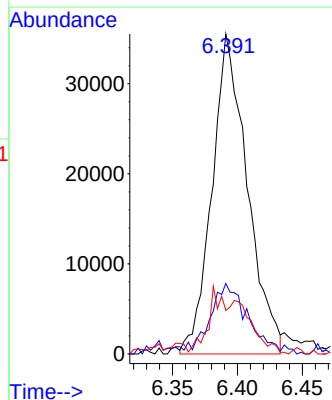
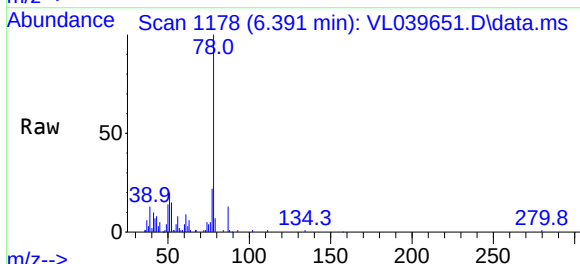
Instrument :
MSVOA_L
ClientSampleId :
COPF8

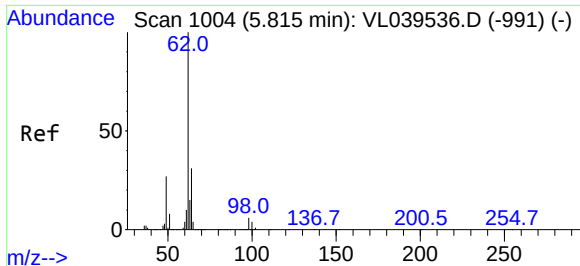
Tgt Ion:117 Resp: 10651
Ion Ratio Lower Upper
117 100
119 107.3 75.4 113.2
121 24.3 24.2 36.2



#36
Benzene
Concen: 0.332 ppbv
RT: 6.391 min Scan# 1178
Delta R.T. 0.013 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

Tgt Ion: 78 Resp: 67063
Ion Ratio Lower Upper
78 100
77 21.3 20.3 30.5
50 13.2 15.5 23.3#

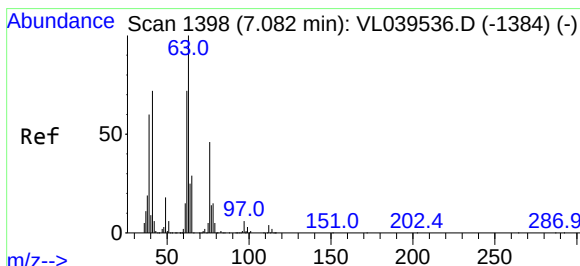
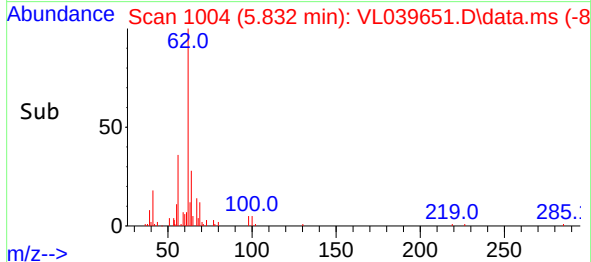
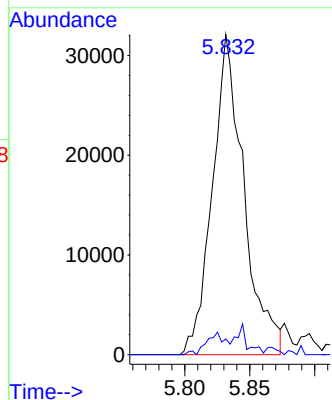
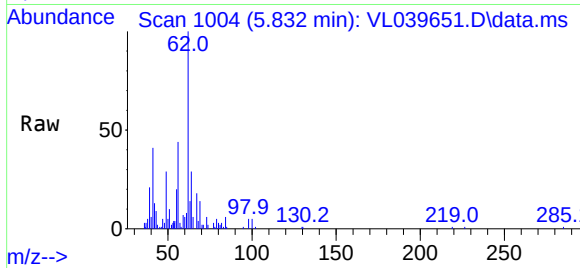




#37
1,2-Dichloroethane
Concen: 0.492 ppbv
RT: 5.832 min Scan# 1004
Delta R.T. 0.017 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

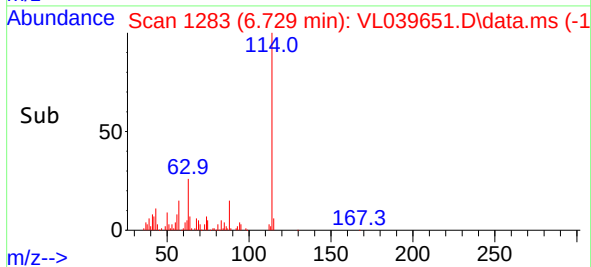
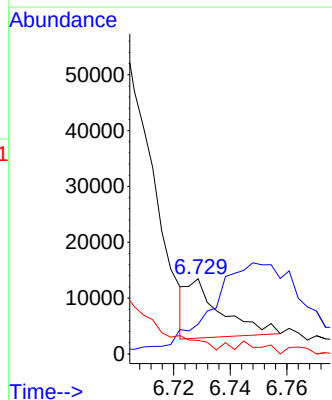
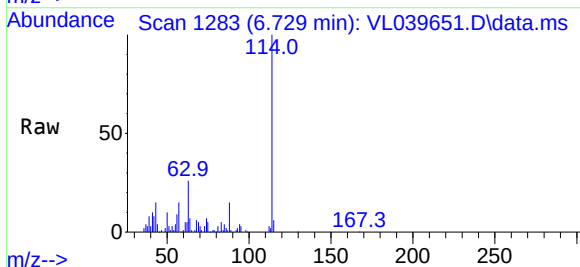
Instrument :
MSVOA_L
ClientSampleId :
COPF8

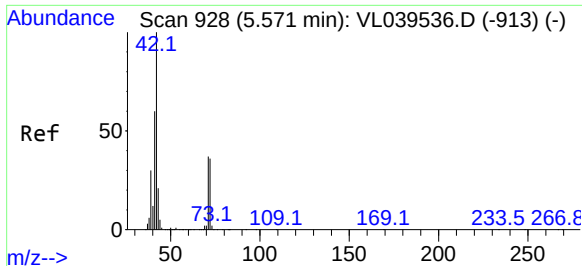
Tgt Ion: 62 Resp: 54083
Ion Ratio Lower Upper
62 100
98 8.7 5.1 7.7#



#39
1,2-Dichloropropane
Concen: 0.115 ppbv
RT: 6.729 min Scan# 1283
Delta R.T. -0.353 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

Tgt Ion: 63 Resp: 8958
Ion Ratio Lower Upper
63 100
41 9.8 59.6 89.4#
62 24.7 51.4 77.0#

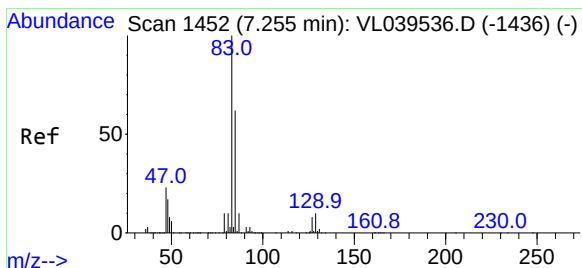
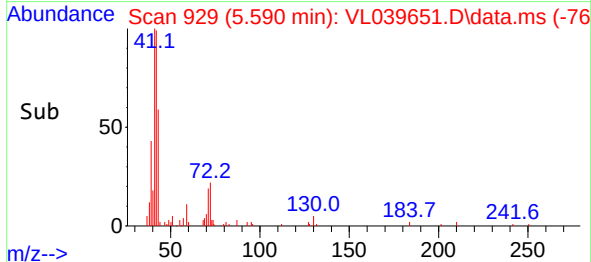
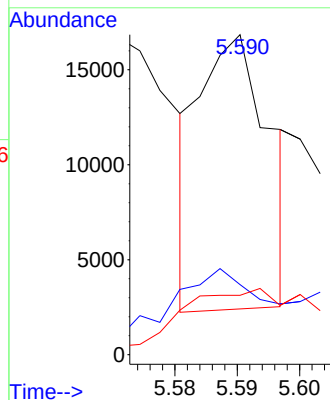
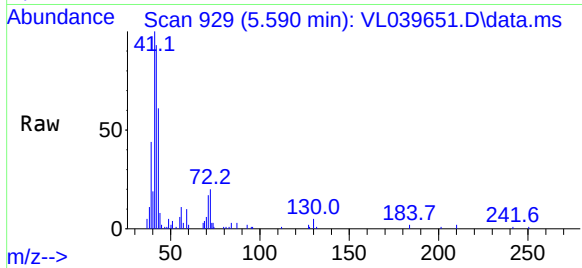




#41
Tetrahydrofuran
Concen: 0.141 ppbv
RT: 5.590 min Scan# 91
Delta R.T. 0.020 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

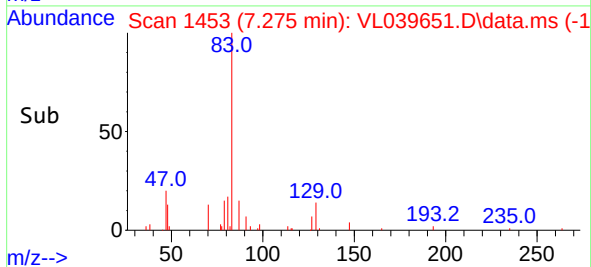
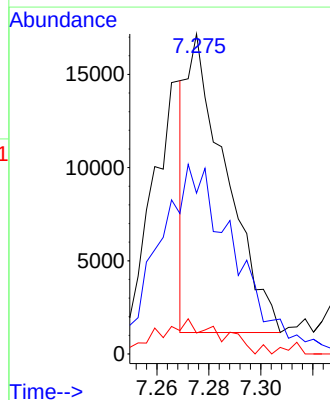
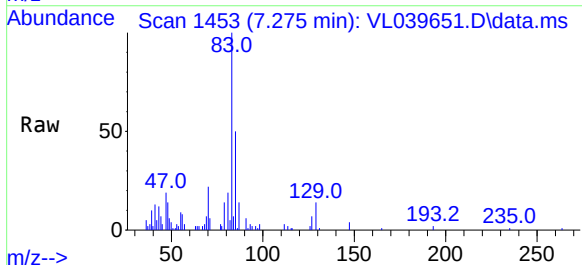
Instrument :
MSVOA_L
ClientSampleId :
COPF8

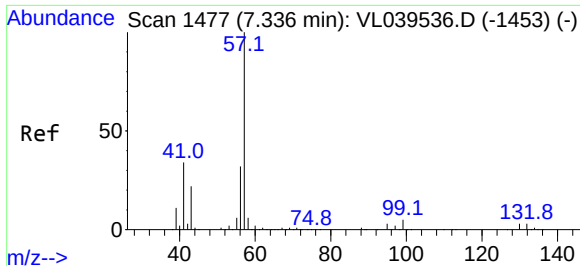
Tgt Ion: 42 Resp: 11218
Ion Ratio Lower Upper
42 100
72 114.3 31.8 47.8#
71 62.6 31.8 47.8#



#42
Bromodichloromethane
Concen: 0.111 ppbv
RT: 7.275 min Scan# 1453
Delta R.T. 0.020 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

Tgt Ion: 83 Resp: 16936
Ion Ratio Lower Upper
83 100
85 42.2 50.7 76.1#
127 4.8 6.6 9.8#





#44

2,2,4-Trimethylpentane

Concen: 0.365 ppbv

RT: 7.349 min Scan# 1477

Delta R.T. 0.013 min

Lab File: VL039651.D

Acq: 22 Sep 2022 1:37

Instrument :

MSVOA_L

ClientSampleId :

C0PF8

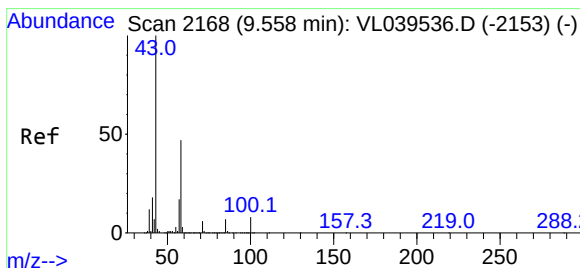
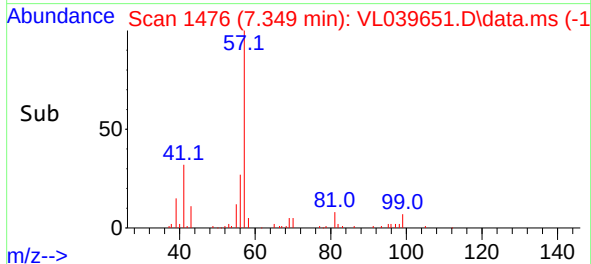
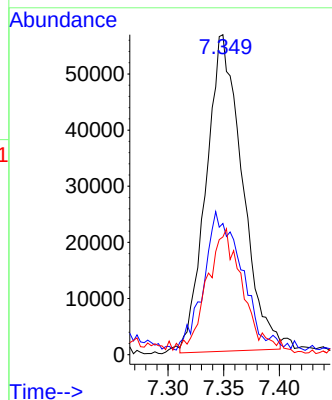
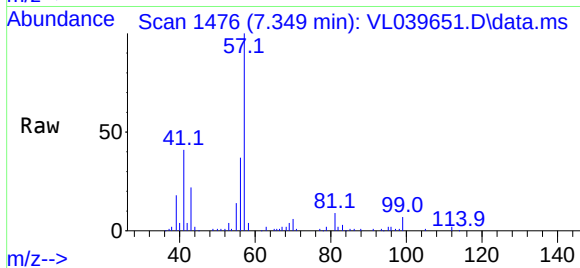
Tgt Ion: 57 Resp: 127115

Ion Ratio Lower Upper

57 100

41 46.4 27.4 41.2#

56 42.3 24.5 36.7#



#51

2-Hexanone

Concen: 0.037 ppbv

RT: 9.590 min Scan# 2173

Delta R.T. 0.033 min

Lab File: VL039651.D

Acq: 22 Sep 2022 1:37

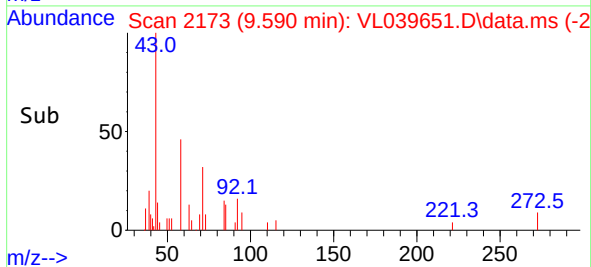
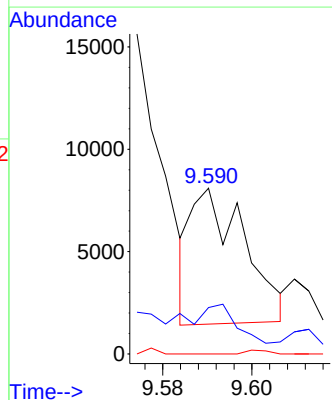
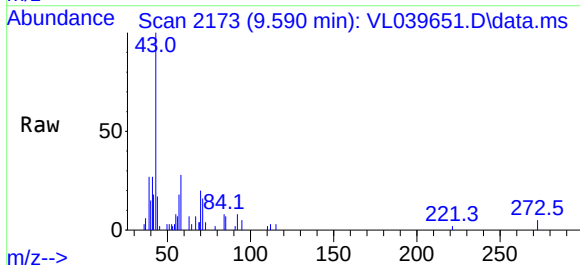
Tgt Ion: 43 Resp: 5537

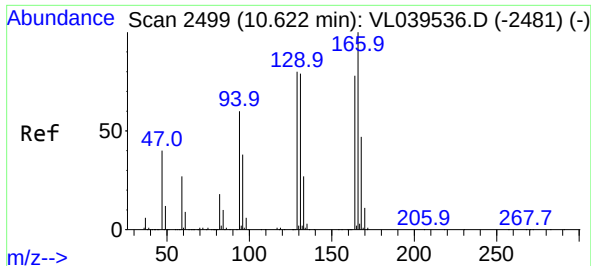
Ion Ratio Lower Upper

43 100

58 100.7 38.4 57.6#

98 0.0 0.3 0.5#

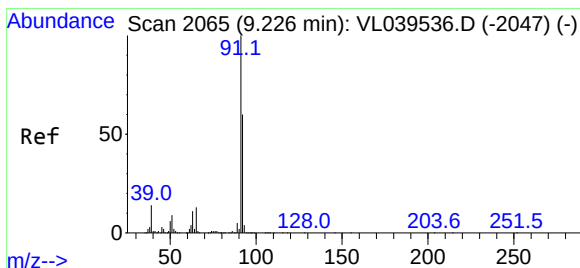
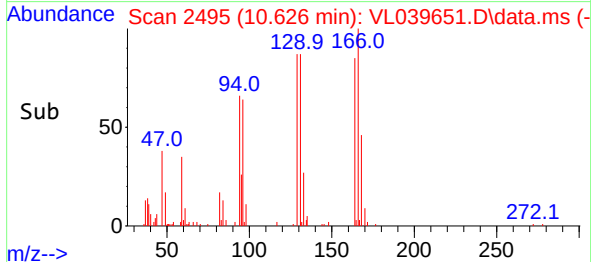
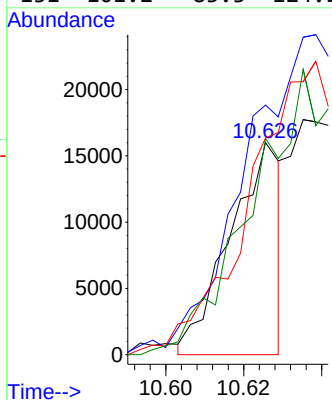
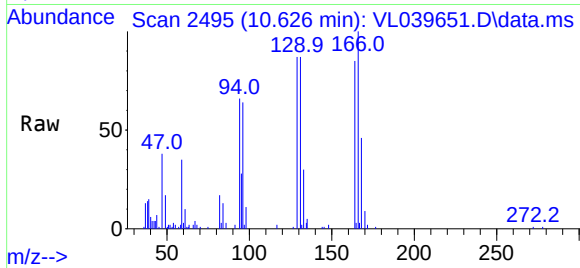




#52
Tetrachloroethene
Concen: 0.187 ppbv
RT: 10.626 min Scan# 2499
Delta R.T. 0.004 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

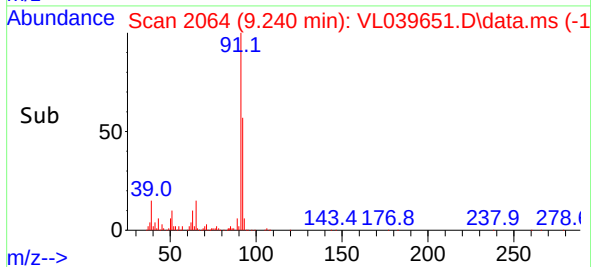
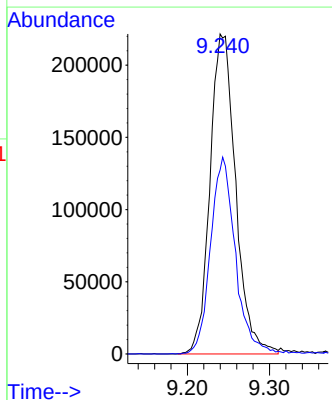
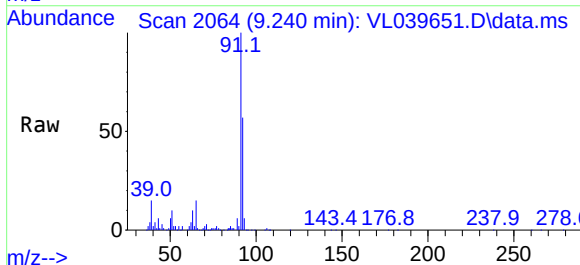
Instrument :
MSVOA_L
ClientSampleId :
COPF8

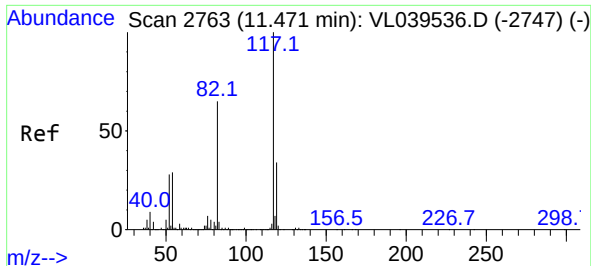
Tgt Ion:164 Resp: 14408
Ion Ratio Lower Upper
164 100
166 110.8 102.2 153.2
129 92.3 85.8 128.8
131 101.2 83.3 124.9



#53
Toluene
Concen: 2.147 ppbv
RT: 9.240 min Scan# 2064
Delta R.T. 0.013 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

Tgt Ion: 91 Resp: 482808
Ion Ratio Lower Upper
91 100
92 59.9 48.2 72.2

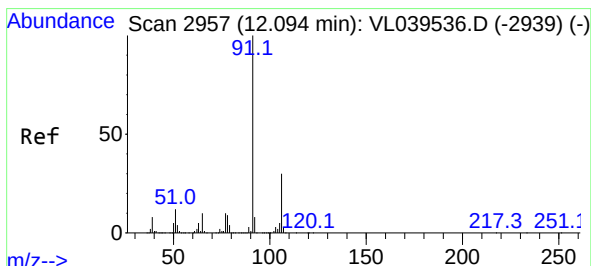
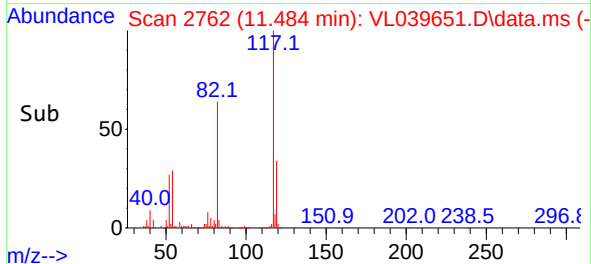
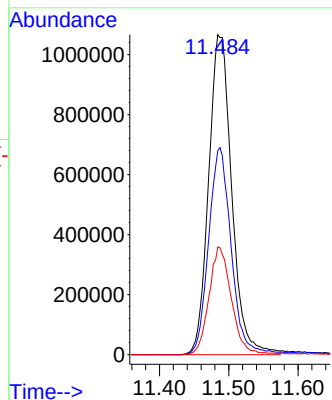
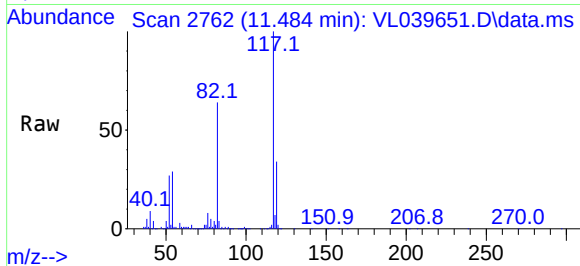




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.484 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

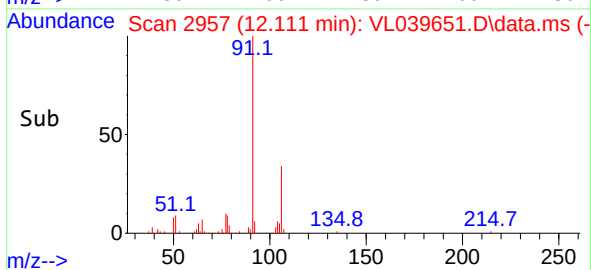
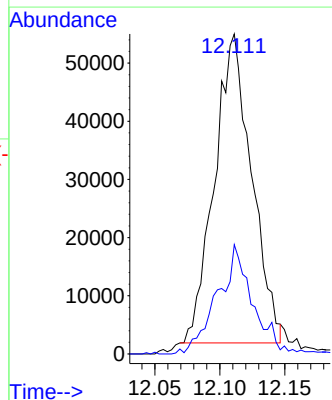
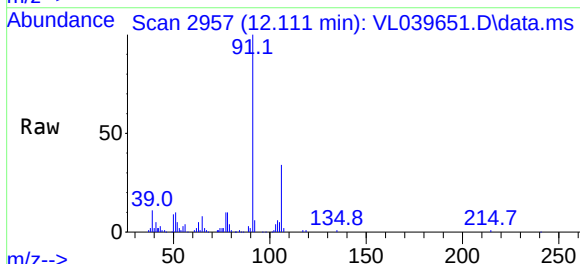
Instrument :
MSVOA_L
ClientSampleId :
COPF8

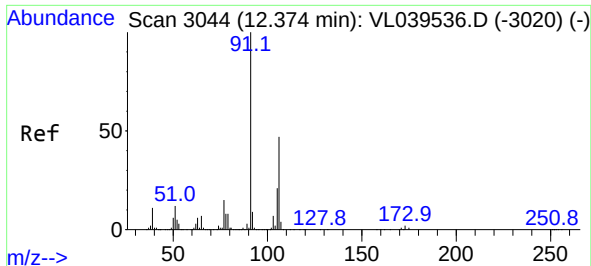
Tgt Ion:117 Resp: 2470698
Ion Ratio Lower Upper
117 100
82 63.7 50.8 76.2
119 33.1 24.1 36.1



#58
Ethyl Benzene
Concen: 0.371 ppbv
RT: 12.111 min Scan# 2957
Delta R.T. 0.017 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

Tgt Ion: 91 Resp: 105827
Ion Ratio Lower Upper
91 100
106 33.9 25.4 38.0





#59

m/p-Xylene

Concen: 0.206 ppbv

RT: 12.391 min Scan# 3044

Delta R.T. 0.017 min

Lab File: VL039651.D

Acq: 22 Sep 2022 1:37

Instrument :

MSVOA_L

ClientSampleId :

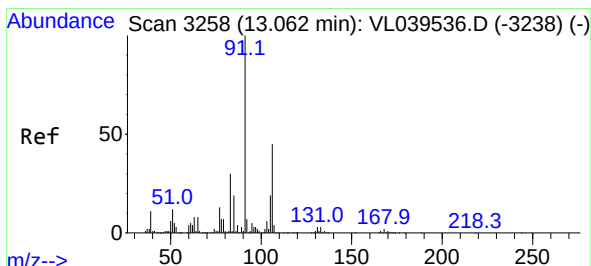
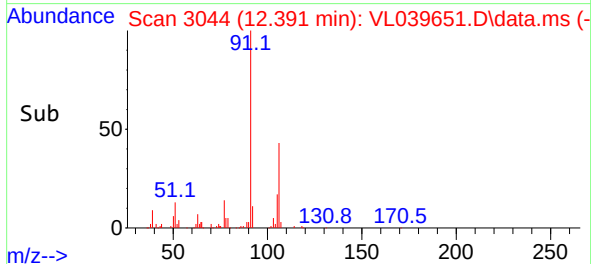
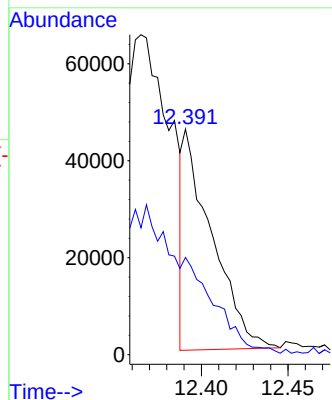
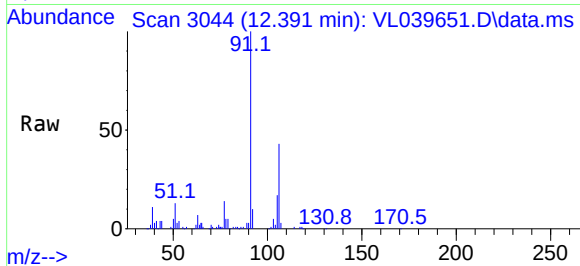
COPF8

Tgt Ion: 91 Resp: 52246

Ion Ratio Lower Upper

91 100

106 0.0 35.4 53.2#



#60

o-Xylene

Concen: 0.332 ppbv

RT: 13.082 min Scan# 3259

Delta R.T. 0.020 min

Lab File: VL039651.D

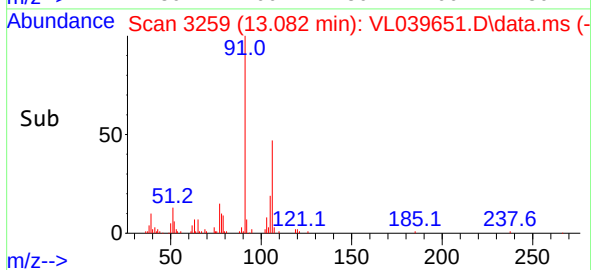
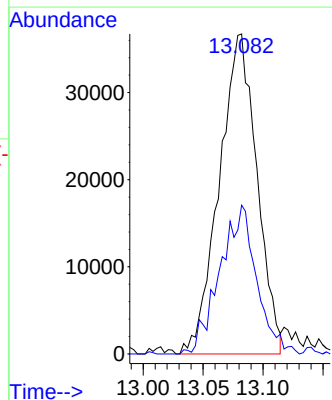
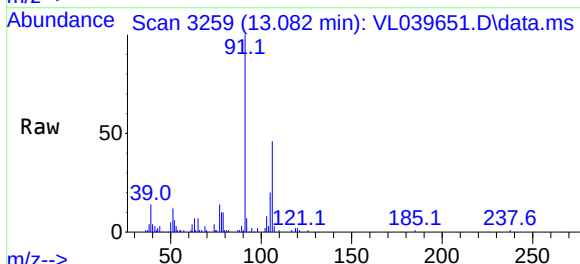
Acq: 22 Sep 2022 1:37

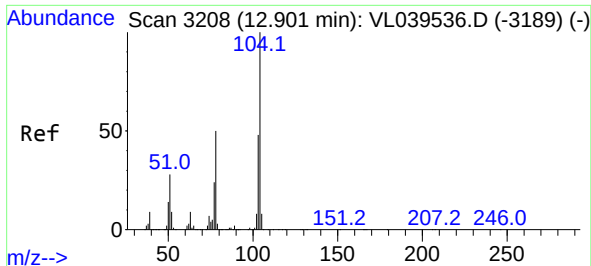
Tgt Ion: 91 Resp: 80337

Ion Ratio Lower Upper

91 100

106 45.8 22.4 67.3

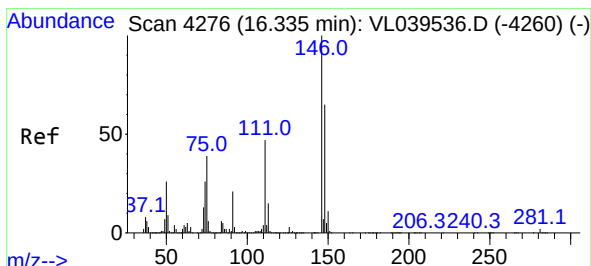
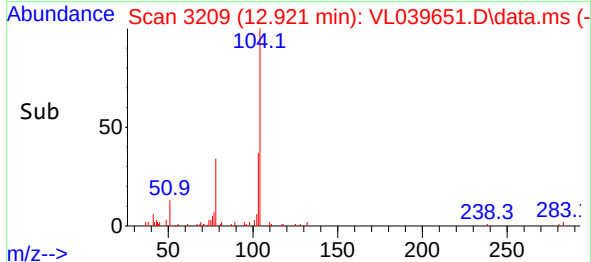
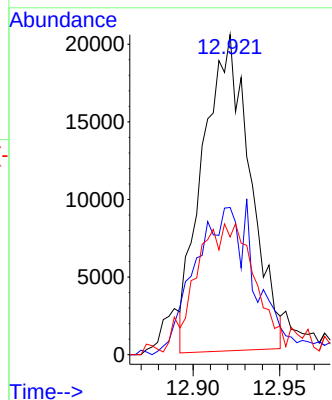
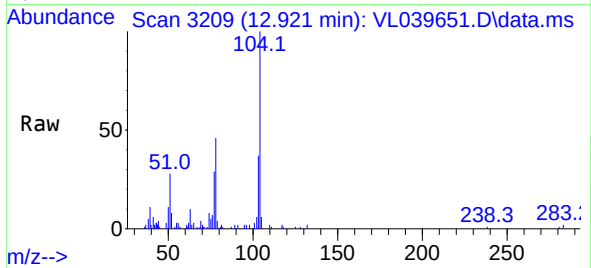




#61
Styrene
Concen: 0.298 ppbv
RT: 12.921 min Scan# 31
Delta R.T. 0.020 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

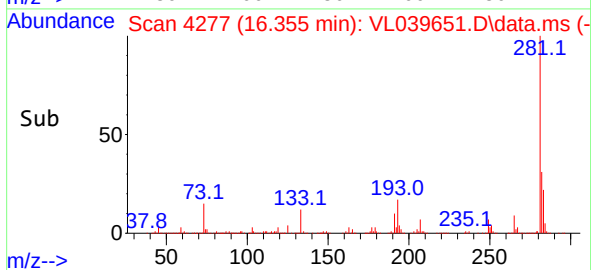
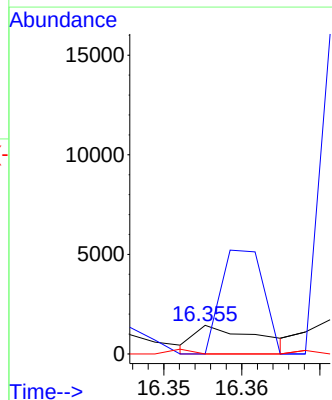
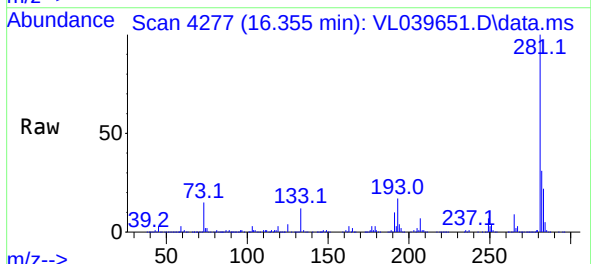
Instrument :
MSVOA_L
ClientSampleId :
COPF8

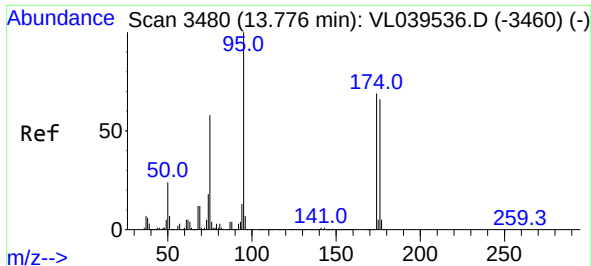
Tgt Ion:104 Resp: 38880
Ion Ratio Lower Upper
104 100
78 66.7 41.2 61.8#
103 59.7 38.7 58.1#



#66
Benzyl Chloride
Concen: 0.032 ppbv
RT: 16.355 min Scan# 4277
Delta R.T. 0.020 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

Tgt Ion: 91 Resp: 812
Ion Ratio Lower Upper
91 100
126 0.0 13.1 19.7#
128 0.0 4.4 6.6#

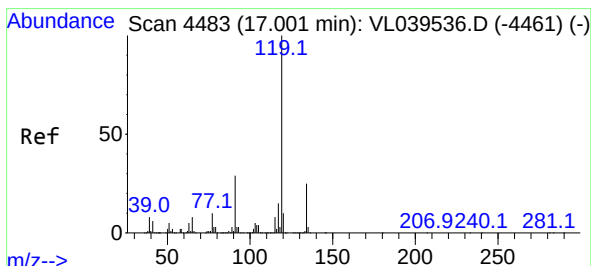
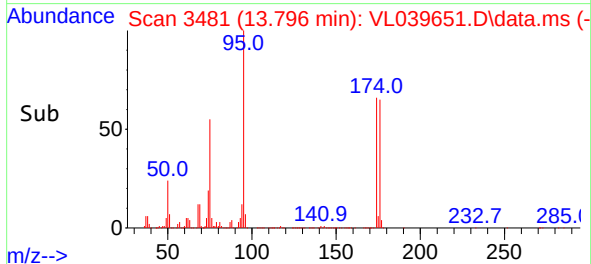
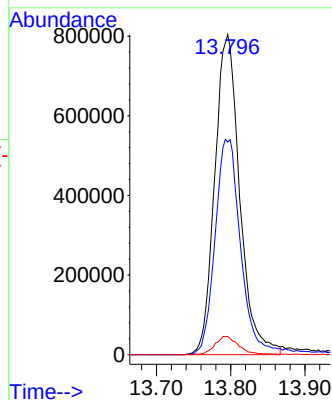
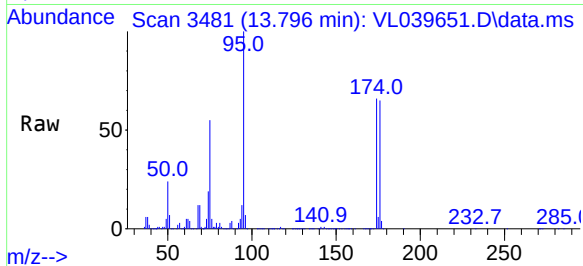




#68
1-Bromo-4-Fluorobenzene
Concen: 10.213 ppbv
RT: 13.796 min Scan# 3480
Delta R.T. 0.020 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

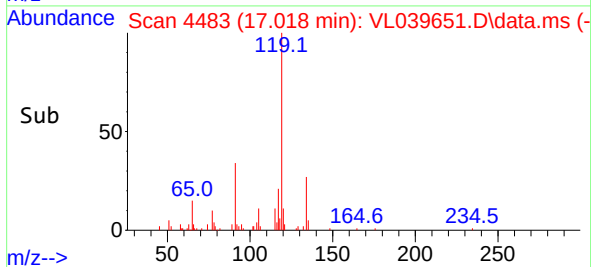
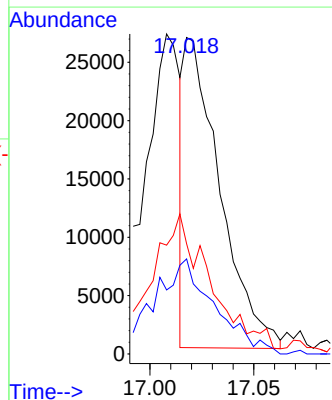
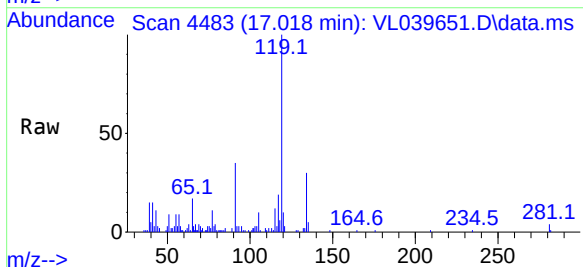
Instrument :
MSVOA_L
ClientSampleId :
COPF8

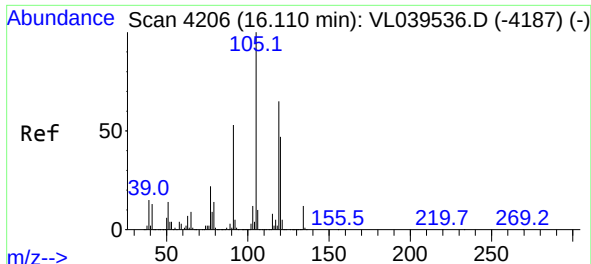
Tgt Ion: 95 Resp: 1883599
Ion Ratio Lower Upper
95 100
174 71.3 55.9 83.9
175 5.5 4.2 6.4



#69
p-Isopropyltoluene
Concen: 0.086 ppbv
RT: 17.018 min Scan# 4483
Delta R.T. 0.017 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

Tgt Ion: 119 Resp: 31851
Ion Ratio Lower Upper
119 100
134 54.3 20.3 30.5#
91 89.4 22.9 34.3#



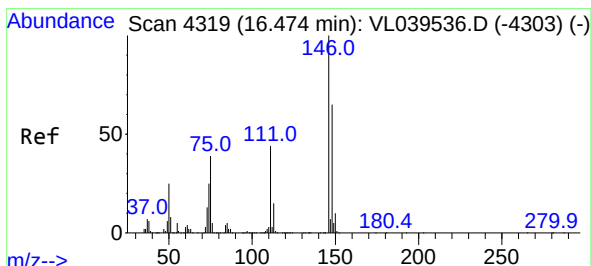
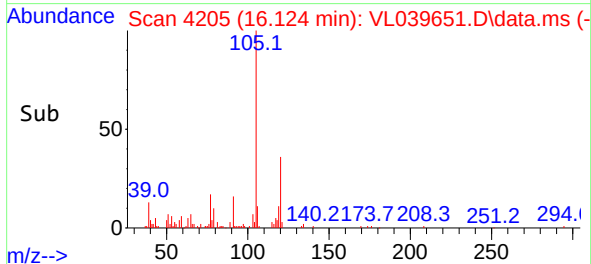
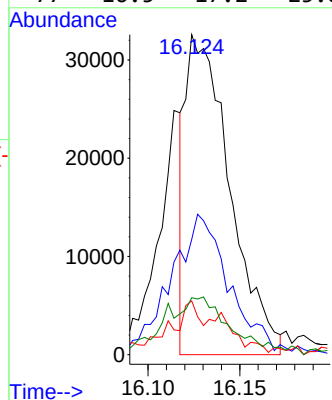
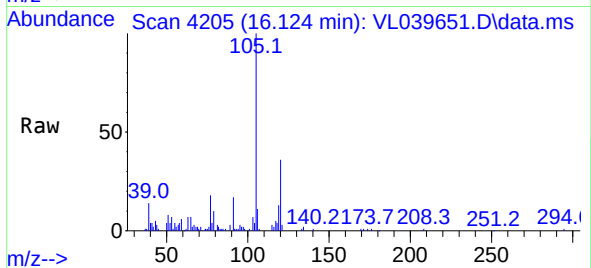


#74
1,2,4-Trimethylbenzene
Concen: 0.192 ppbv
RT: 16.124 min Scan# 4187
Delta R.T. 0.013 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

Instrument :
MSVOA_L
ClientSampleId :
COPF8

Tgt Ion:105 Resp: 54334

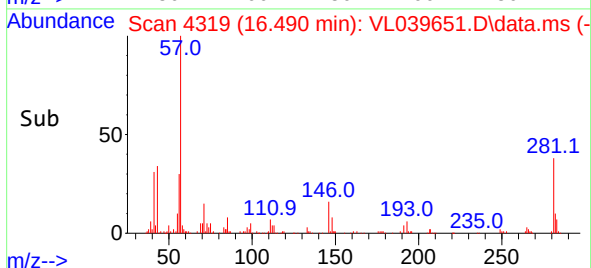
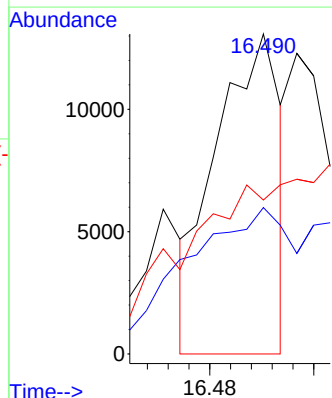
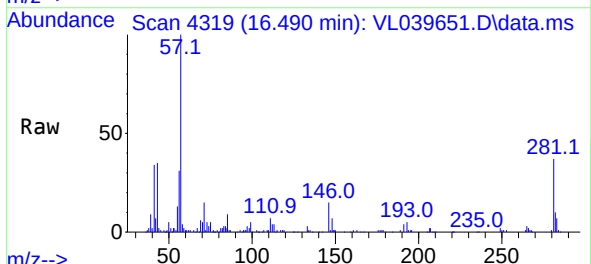
Ion	Ratio	Lower	Upper
105	100		
120	35.1	39.5	59.3#
91	15.9	39.2	58.8#
77	16.5	17.2	25.8#

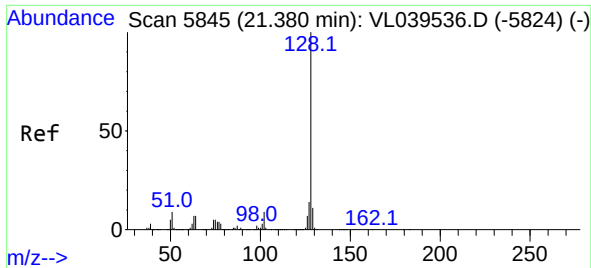


#76
1,4-Dichlorobenzene
Concen: 0.067 ppbv
RT: 16.490 min Scan# 4319
Delta R.T. 0.017 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

Tgt Ion:146 Resp: 11283

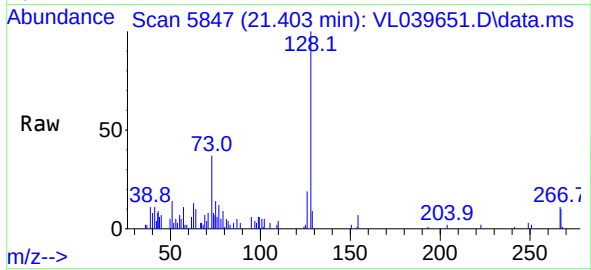
Ion	Ratio	Lower	Upper
146	100		
111	142.2	22.9	68.8#
148	0.0	33.6	100.8#





#79
Naphthalene
Concen: 0.054 ppbv
RT: 21.403 min Scan# 51
Delta R.T. 0.023 min
Lab File: VL039651.D
Acq: 22 Sep 2022 1:37

Instrument :
MSVOA_L
ClientSampleId :
C0PF8



Tgt Ion:128 Resp: 10083

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	0.0	8.8	13.2#

