

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
 Data File : VL039645.D
 Acq On : 21 Sep 2022 21:39
 Operator : SY/AP
 Sample : N4669-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PF5

Quant Time: Sep 22 08:20:21 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	5.214	49	1093585	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2713199	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.484	117	2397781	10.000	ppbv	0.01

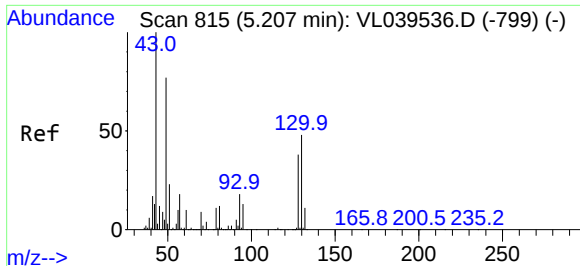
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.790	95	1849929	10.335	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.758	85	28974	0.229	ppbv	88
3) Chlorodifluoromethane	2.681	51	12044712	92.811	ppbv #	57
4) Chloromethane	2.838	50	27199	0.347	ppbv	89
7) Chloroethane	3.099	64	1904	0.080	ppbv #	44
9) Propene	2.899	41	1678810	28.324	ppbv	99
10) Heptane	7.594	43	4523	0.033	ppbv #	1
11) Trichlorofluoromethane	3.594	101	50536	0.322	ppbv	92
12) 1,1,2-Trichlorotrifluo...	4.089	101	4578	0.039	ppbv #	13
13) Ethanol	3.272	45	4870841	1078.543	ppbv	70
15) Acetone	3.491	43	2098823	17.248	ppbv	99
16) 1,3-Butadiene	2.989	39	21347	0.346	ppbv #	34
17) tert-Butyl alcohol	3.922	59	20802	0.190	ppbv #	62
19) Isopropyl Alcohol	3.616	45	505599	8.151	ppbv	99
20) Methylene Chloride	3.960	84	659072	11.714	ppbv	92
23) Vinyl Acetate	4.639	43	75443	1.371	ppbv #	73
25) Ethyl Acetate	5.234	43	366798	1.382	ppbv #	92
26) Hexane	5.237	57	283523	2.518	ppbv #	62
27) Carbon Disulfide	4.153	76	18360	0.155	ppbv #	88
29) Chloroform	5.298	83	121779	0.749	ppbv	97
30) Cyclohexane	6.616	84	4378	0.050	ppbv #	1
31) cis-1,2-Dichloroethene	5.224	61	9304	0.091	ppbv #	34
34) 2-Butanone	4.819	43	96185	0.722	ppbv #	89
35) Carbon Tetrachloride	6.517	117	13770	0.096	ppbv	98
36) Benzene	6.391	78	48643	0.234	ppbv #	87
37) 1,2-Dichloroethane	5.828	62	20245	0.179	ppbv #	77
39) 1,2-Dichloropropane	6.671	63	665447	8.308	ppbv #	25
41) Tetrahydrofuran	5.574	42	7708	0.094	ppbv #	35
42) Bromodichloromethane	7.269	83	6285	0.040	ppbv #	84
44) 2,2,4-Trimethylpentane	7.346	57	24623	0.069	ppbv #	37
53) Toluene	9.240	91	314375	1.363	ppbv	99
61) Styrene	12.915	104	5658	0.045	ppbv #	45
65) tert-Butylbenzene	16.391	119	264386	0.846	ppbv #	25
66) Benzyl Chloride	16.349	91	753	0.030	ppbv #	67
69) p-Isopropyltoluene	17.014	119	11648	0.032	ppbv #	48
74) 1,2,4-Trimethylbenzene	16.124	105	21216	0.077	ppbv #	59
75) 1,3-Dichlorobenzene	16.487	146	2042550	12.443	ppbv	99
76) 1,4-Dichlorobenzene	16.487	146	2042550	12.438	ppbv	98
79) Naphthalene	21.400	128	5489	0.030	ppbv #	76

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

Quant Time: Sep 22 08:20:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
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

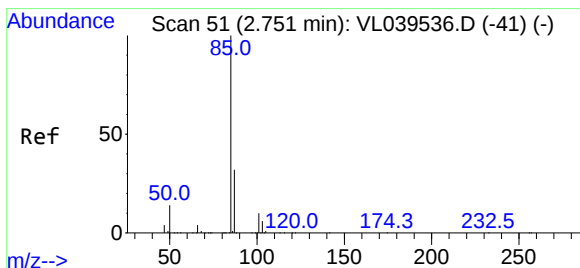
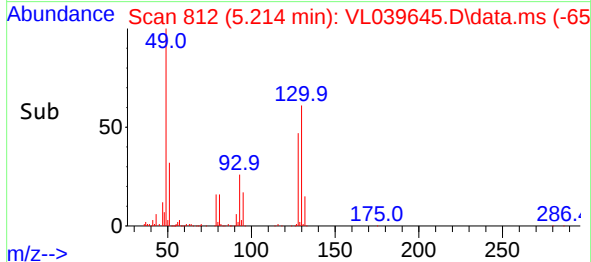
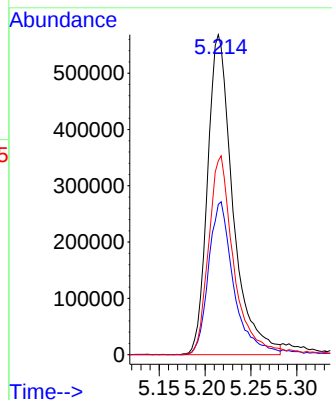
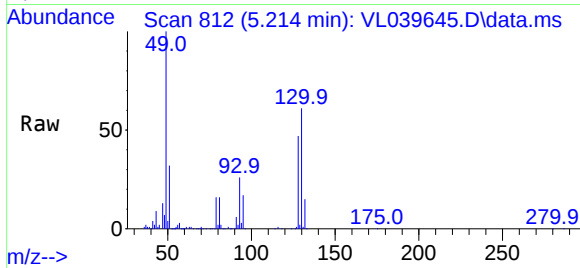




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

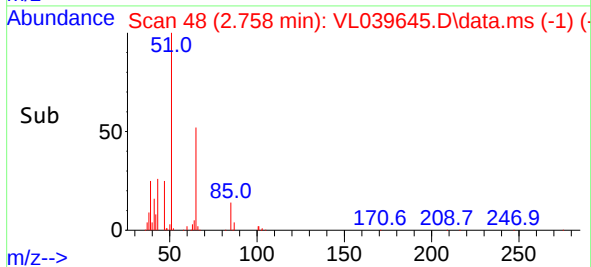
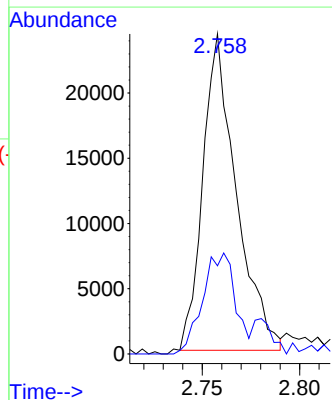
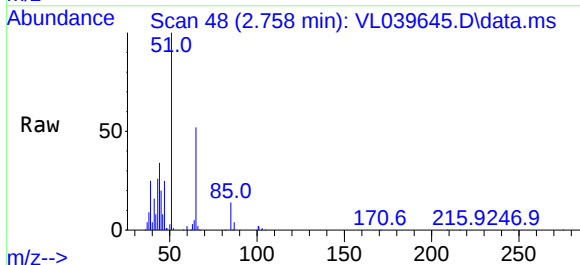
Instrument :
MSVOA_L
ClientSampleId :
COPF5

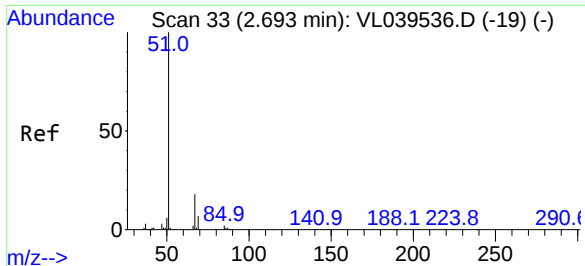
Tgt Ion: 49 Resp: 1093585
Ion Ratio Lower Upper
49 100
128 48.4 26.7 80.0
130 63.0 34.3 102.8



#2
Dichlorodifluoromethane
Concen: 0.229 ppbv
RT: 2.758 min Scan# 48
Delta R.T. 0.007 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

Tgt Ion: 85 Resp: 28974
Ion Ratio Lower Upper
85 100
87 26.8 26.7 40.1

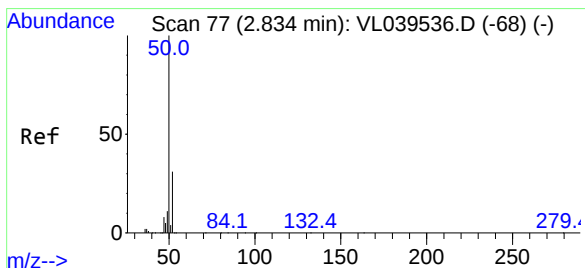
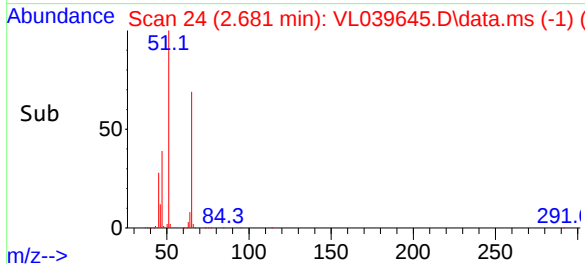
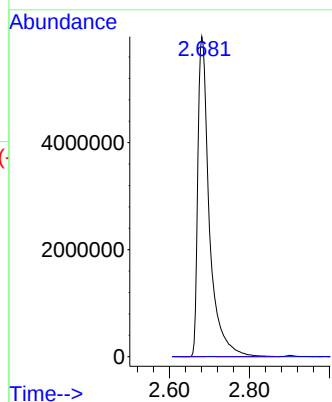
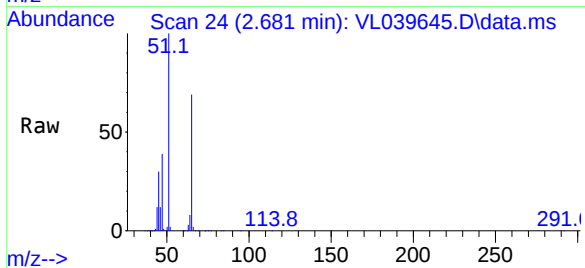




#3
Chlorodifluoromethane
Concen: 92.811 ppbv
RT: 2.681 min Scan# 24
Delta R.T. -0.012 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

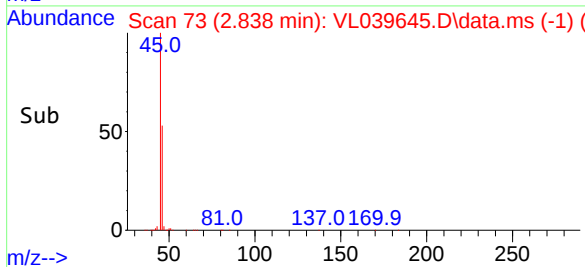
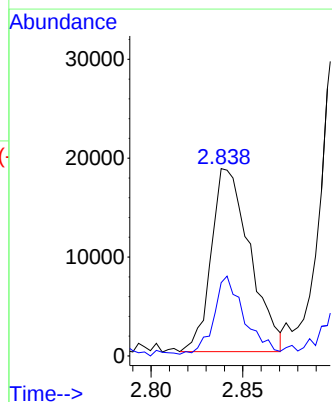
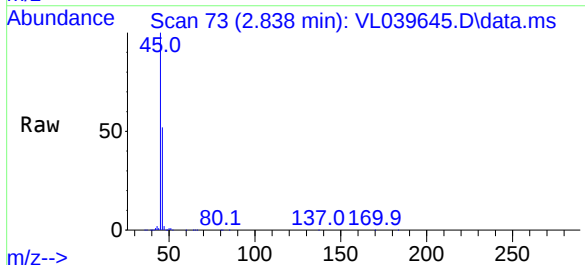
Instrument :
MSVOA_L
ClientSampleId :
COPF5

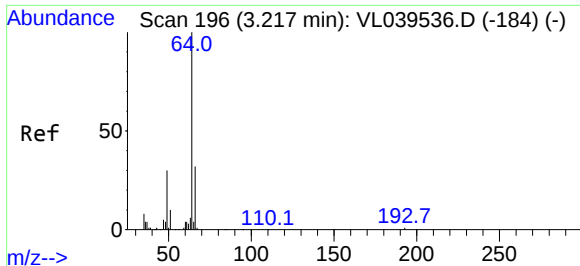
Tgt Ion: 51 Resp:12044712
Ion Ratio Lower Upper
51 100
67 0.1 15.7 23.5#



#4
Chloromethane
Concen: 0.347 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.004 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

Tgt Ion: 50 Resp: 27199
Ion Ratio Lower Upper
50 100
52 39.1 26.5 39.7

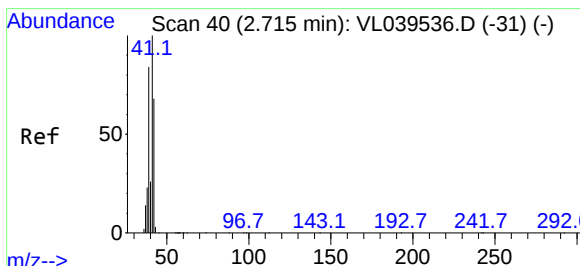
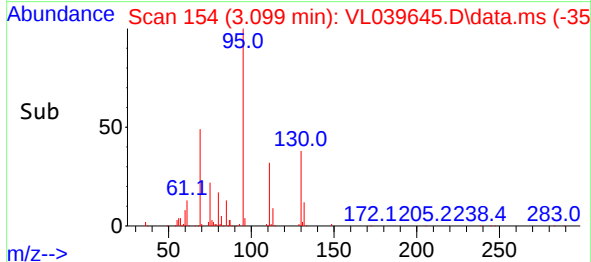
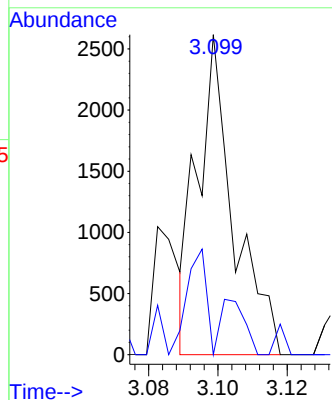
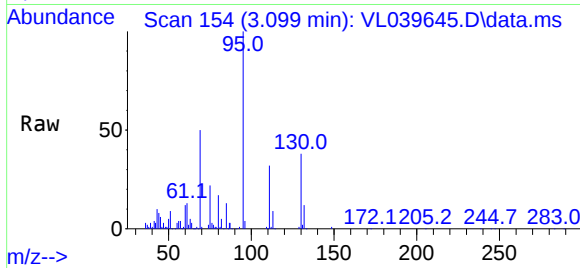




#7
Chloroethane
Concen: 0.080 ppbv
RT: 3.099 min Scan# 11
Delta R.T. -0.118 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

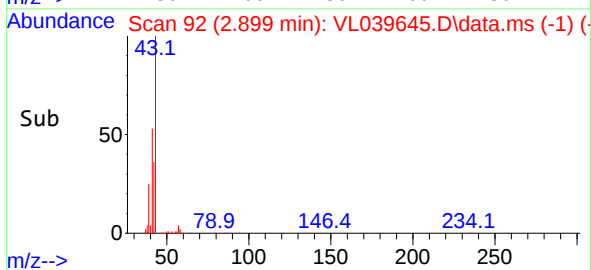
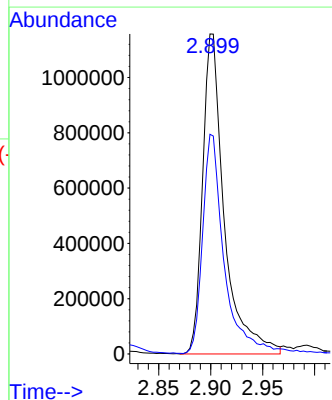
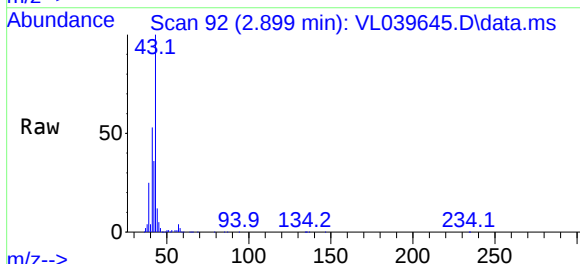
Instrument :
MSVOA_L
ClientSampleId :
COPF5

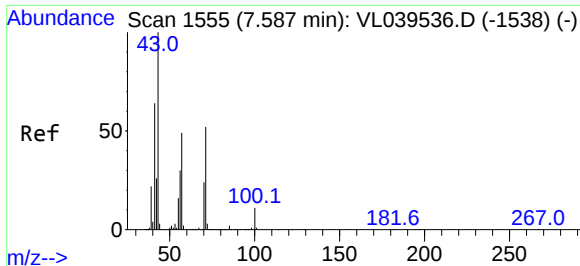
Tgt Ion: 64 Resp: 1904
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#9
Propene
Concen: 28.324 ppbv
RT: 2.899 min Scan# 92
Delta R.T. 0.184 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

Tgt Ion: 41 Resp: 1678810
Ion Ratio Lower Upper
41 100
42 68.3 55.2 82.8





#10

Heptane

Concen: 0.033 ppbv

RT: 7.594 min Scan# 11

Delta R.T. 0.007 min

Lab File: VL039645.D

Acq: 21 Sep 2022 21:39

Instrument :

MSVOA_L

ClientSampleId :

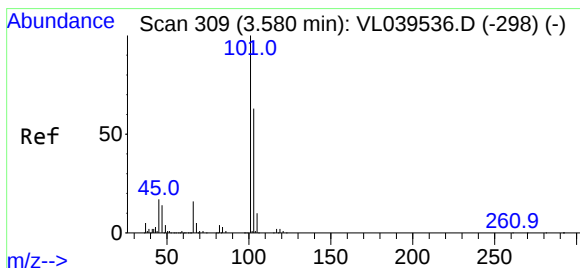
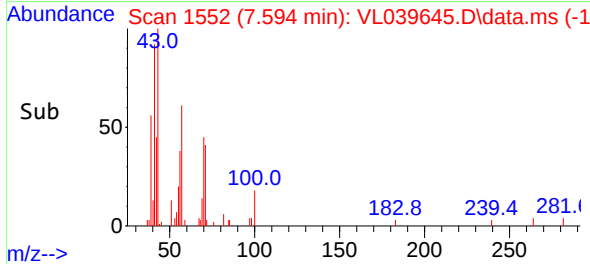
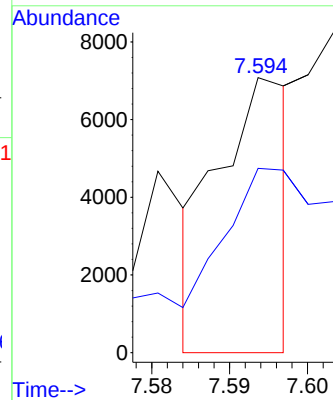
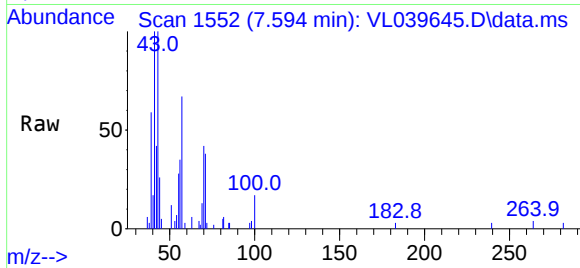
C0PF5

Tgt Ion: 43 Resp: 4523

Ion Ratio Lower Upper

43 100

57 228.6 40.5 60.7#



#11

Trichlorofluoromethane

Concen: 0.322 ppbv

RT: 3.594 min Scan# 308

Delta R.T. 0.014 min

Lab File: VL039645.D

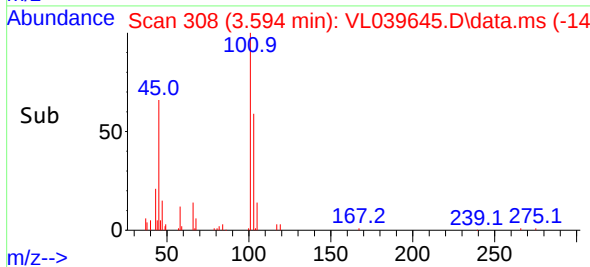
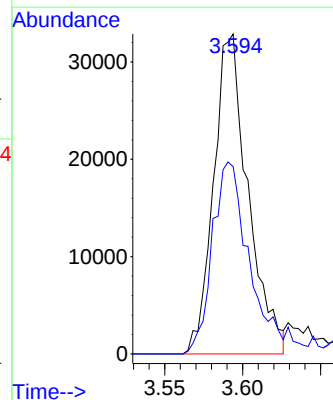
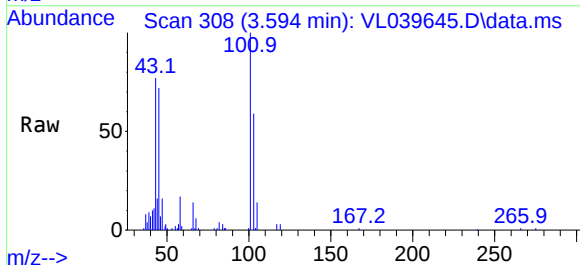
Acq: 21 Sep 2022 21:39

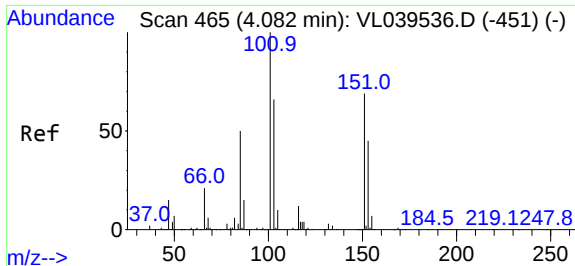
Tgt Ion:101 Resp: 50536

Ion Ratio Lower Upper

101 100

103 58.5 51.8 77.8

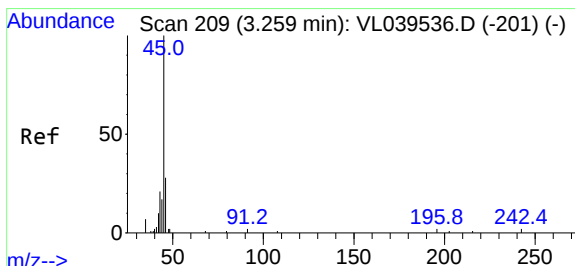
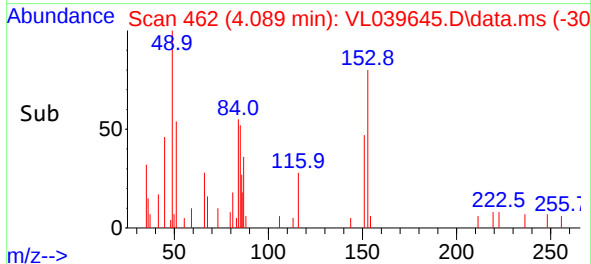
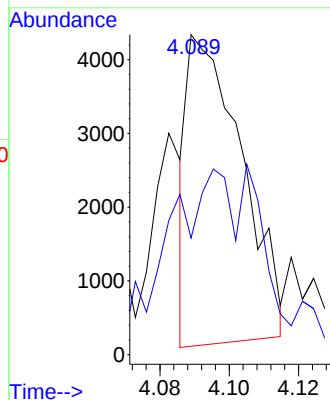
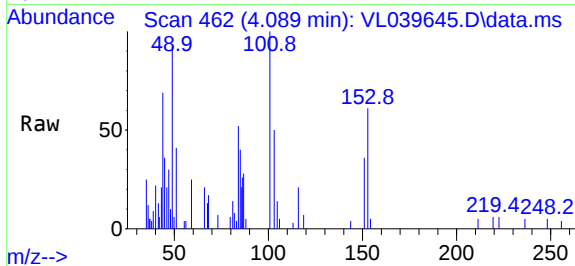




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.039 ppbv
RT: 4.089 min Scan# 40
Delta R.T. 0.007 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

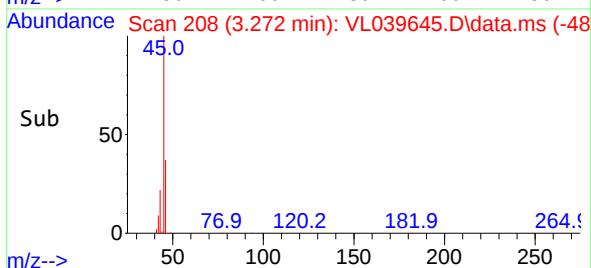
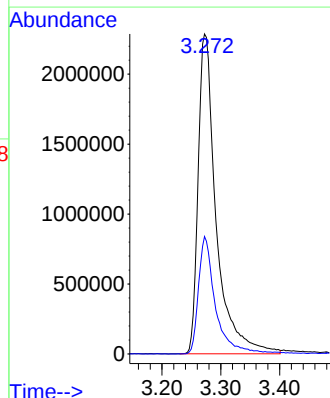
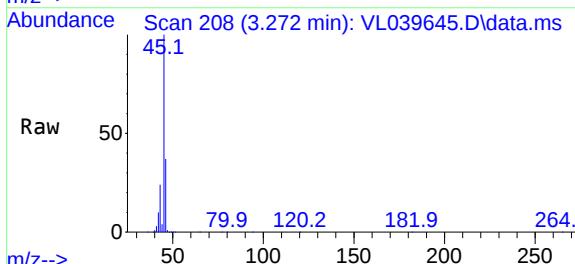
Instrument :
MSVOA_L
ClientSampleId :
COPF5

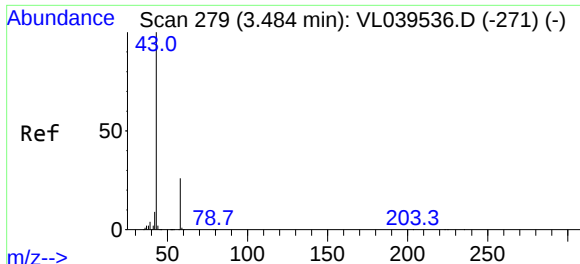
Tgt Ion:101 Resp: 4578
Ion Ratio Lower Upper
101 100
151 0.0 58.9 88.3#



#13
Ethanol
Concen: 1078.543 ppbv
RT: 3.272 min Scan# 208
Delta R.T. 0.014 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

Tgt Ion: 45 Resp: 4870841
Ion Ratio Lower Upper
45 100
46 35.0 22.8 91.2

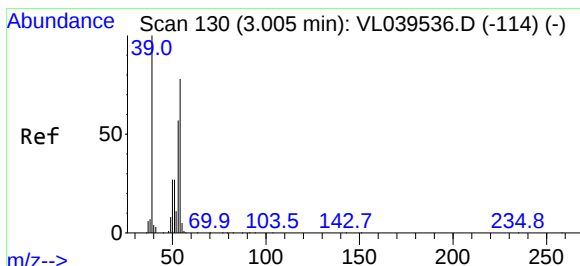
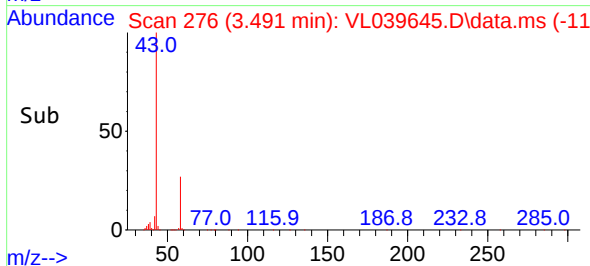
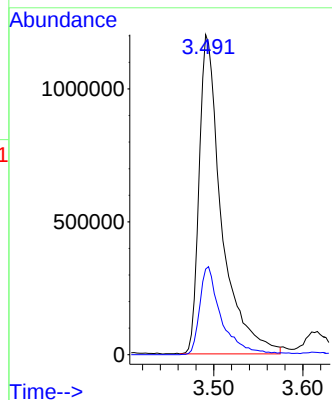
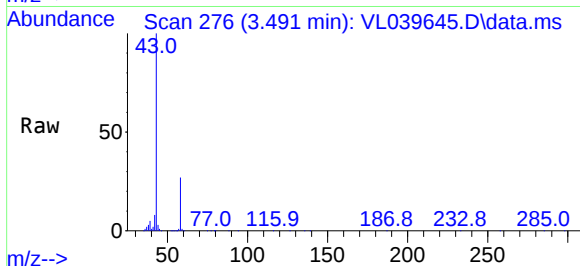




#15
Acetone
Concen: 17.248 ppbv
RT: 3.491 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

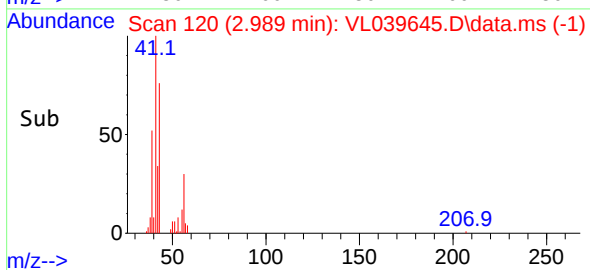
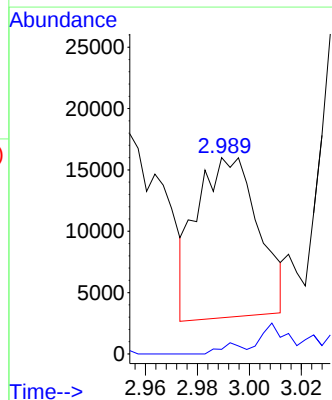
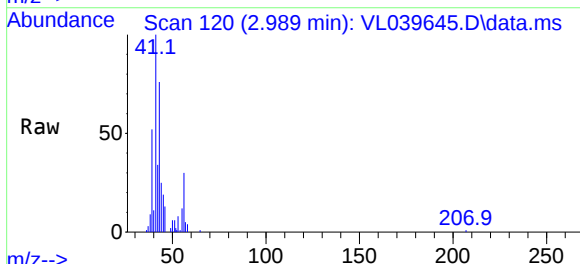
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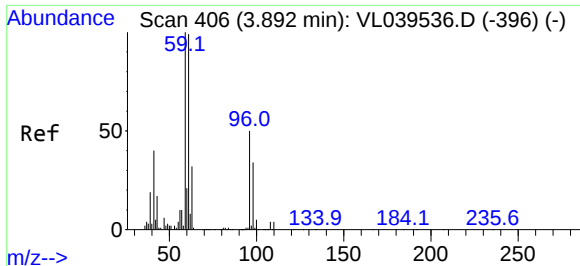
Tgt Ion: 43 Resp: 2098823
Ion Ratio Lower Upper
43 100
58 27.0 21.0 31.6



#16
1,3-Butadiene
Concen: 0.346 ppbv
RT: 2.989 min Scan# 120
Delta R.T. -0.015 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

Tgt Ion: 39 Resp: 21347
Ion Ratio Lower Upper
39 100
54 21.8 63.7 95.5#

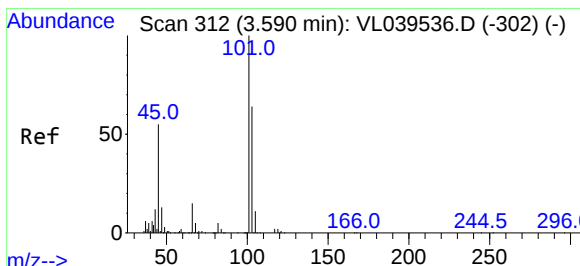
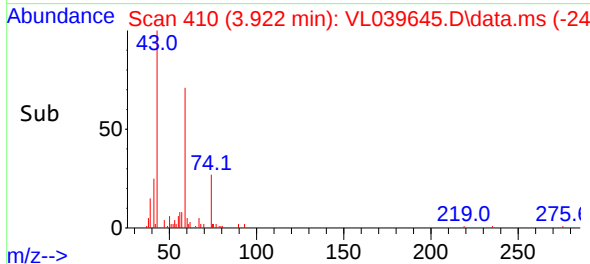
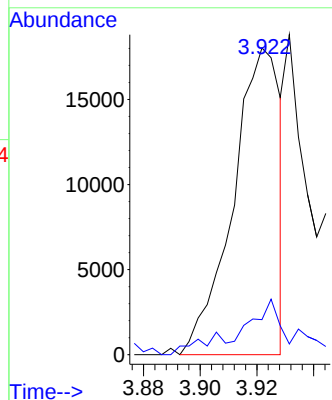
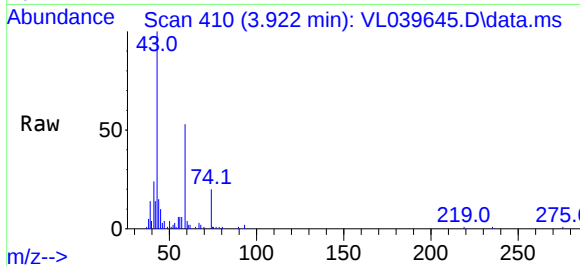




#17
tert-Butyl alcohol
Concen: 0.190 ppbv
RT: 3.922 min Scan# 410
Delta R.T. 0.030 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

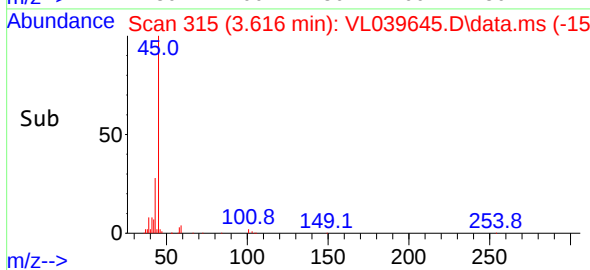
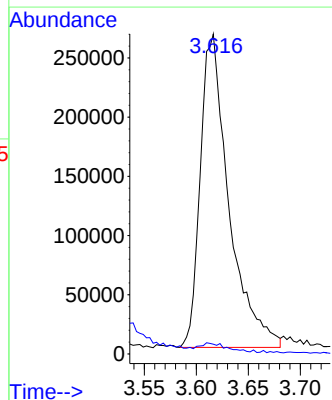
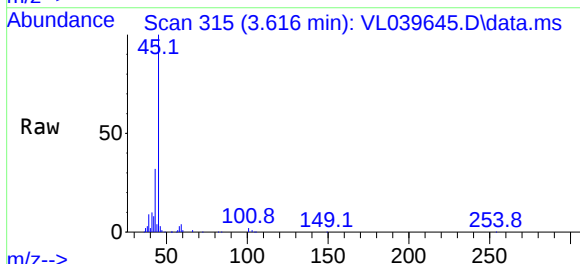
Instrument :
MSVOA_L
ClientSampleId :
COPF5

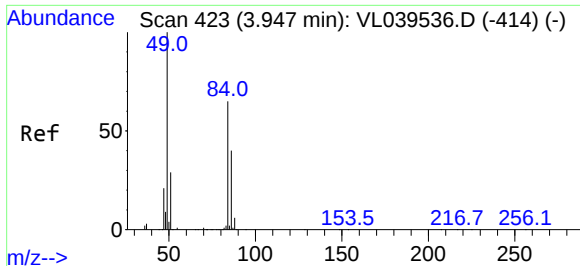
Tgt Ion: 59 Resp: 20802
Ion Ratio Lower Upper
59 100
57 25.3 8.7 13.1#



#19
Isopropyl Alcohol
Concen: 8.151 ppbv
RT: 3.616 min Scan# 315
Delta R.T. 0.026 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

Tgt Ion: 45 Resp: 505599
Ion Ratio Lower Upper
45 100
58 3.6 3.2 4.8





#20

Methylene Chloride

Concen: 11.714 ppbv

RT: 3.960 min Scan# 41

Delta R.T. 0.014 min

Lab File: VL039645.D

Acq: 21 Sep 2022 21:39

Instrument :

MSVOA_L

ClientSampleId :

COPF5

Tgt Ion: 84 Resp: 659072

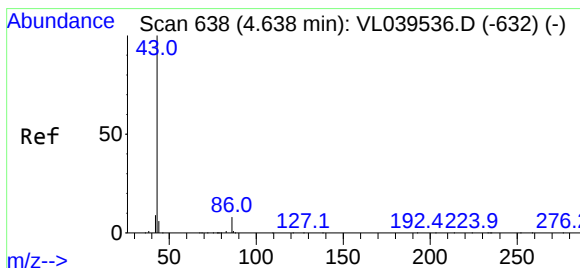
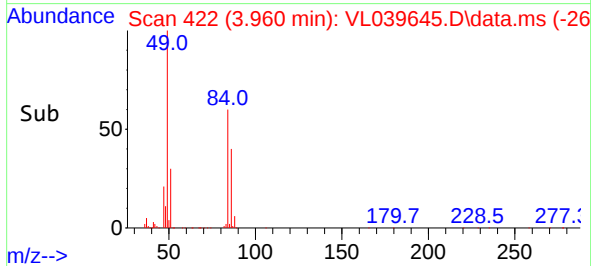
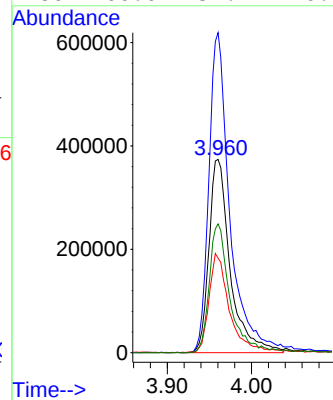
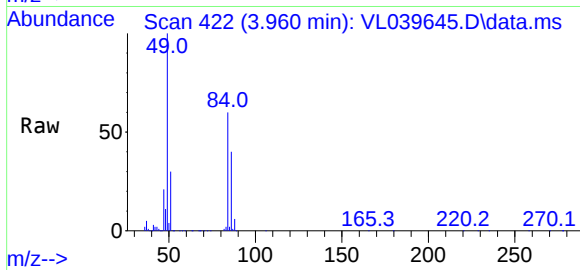
Ion Ratio Lower Upper

84 100

49 165.6 123.1 184.7

51 48.7 34.4 51.6

86 66.6 51.1 76.7



#23

Vinyl Acetate

Concen: 1.371 ppbv

RT: 4.639 min Scan# 633

Delta R.T. 0.001 min

Lab File: VL039645.D

Acq: 21 Sep 2022 21:39

Tgt Ion: 43 Resp: 75443

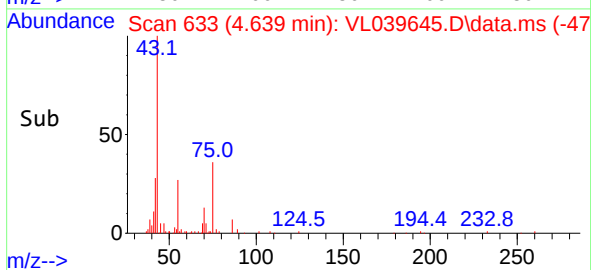
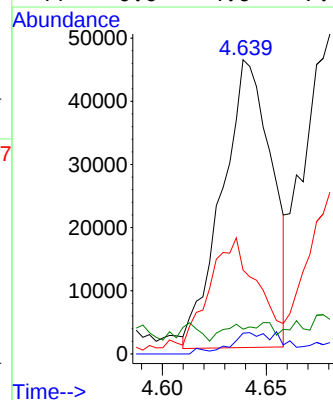
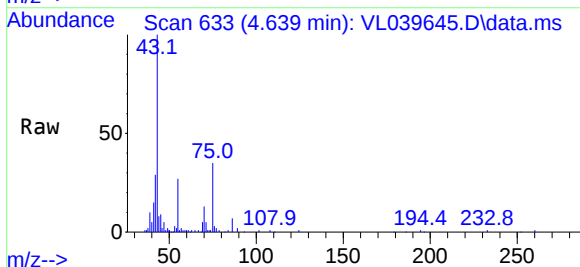
Ion Ratio Lower Upper

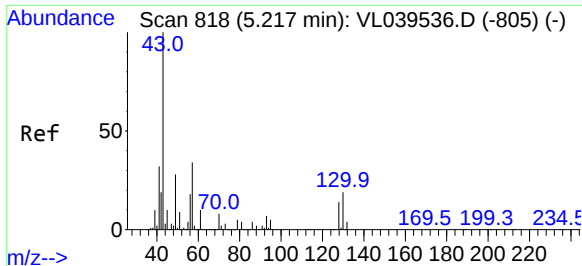
43 100

86 7.5 5.0 7.6

42 27.2 7.7 11.5#

44 0.0 4.6 7.0#





#25

Ethyl Acetate

Concen: 1.382 ppbv

RT: 5.234 min Scan# 818

Delta R.T. 0.017 min

Lab File: VL039645.D

Acq: 21 Sep 2022 21:39

Instrument :

MSVOA_L

ClientSampleId :

C0PF5

Tgt Ion: 43 Resp: 366798

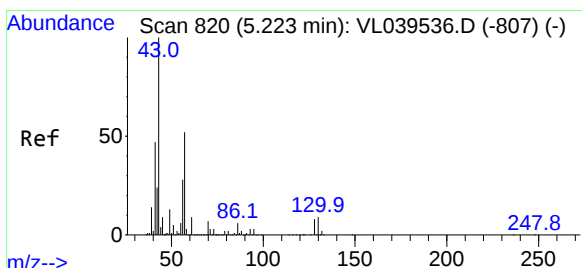
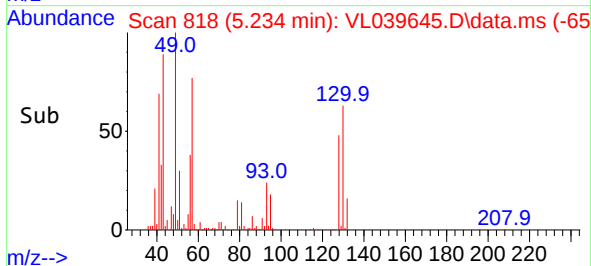
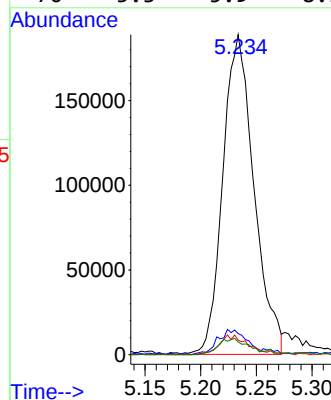
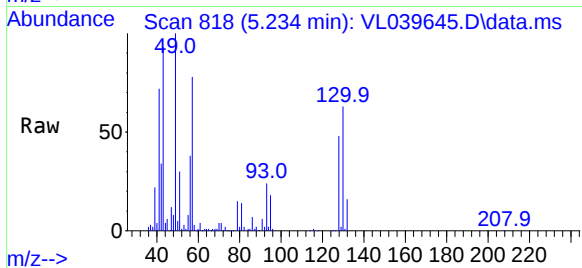
Ion Ratio Lower Upper

43 100

45 7.7 8.2 12.4#

61 6.0 8.3 12.5#

70 5.3 5.9 8.9#



#26

Hexane

Concen: 2.518 ppbv

RT: 5.237 min Scan# 819

Delta R.T. 0.014 min

Lab File: VL039645.D

Acq: 21 Sep 2022 21:39

Tgt Ion: 57 Resp: 283523

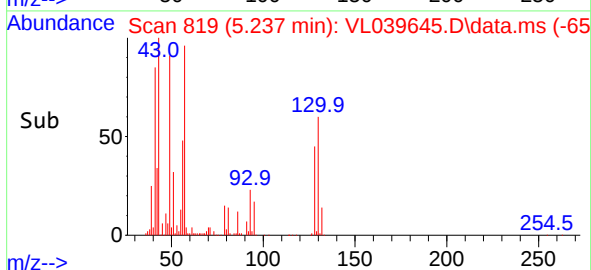
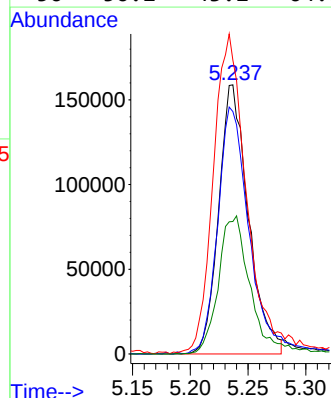
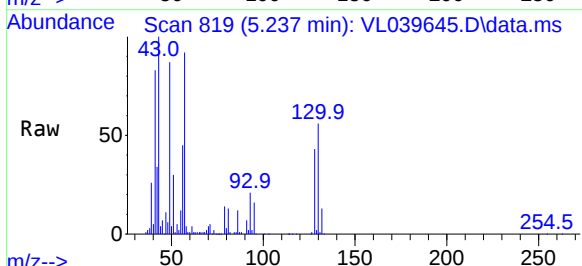
Ion Ratio Lower Upper

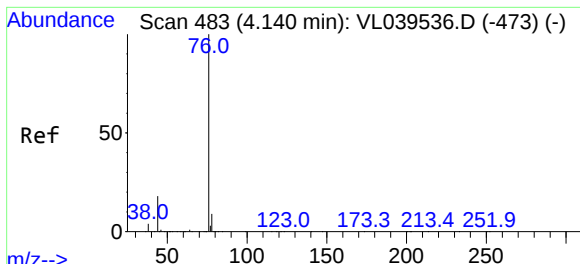
57 100

41 99.5 76.9 115.3

43 136.7 191.0 286.6#

56 56.2 43.2 64.8

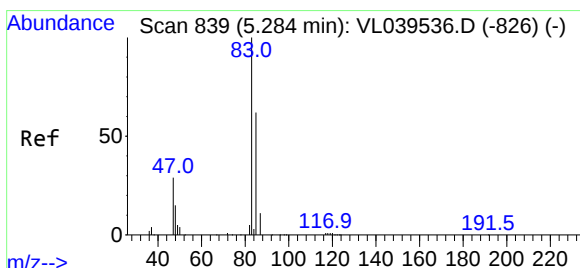
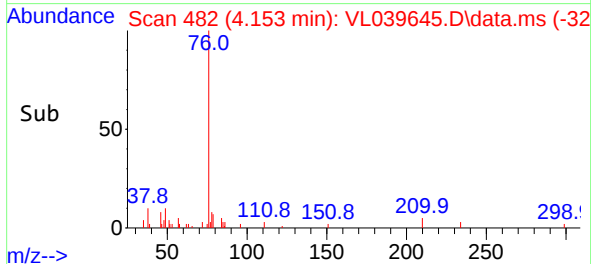
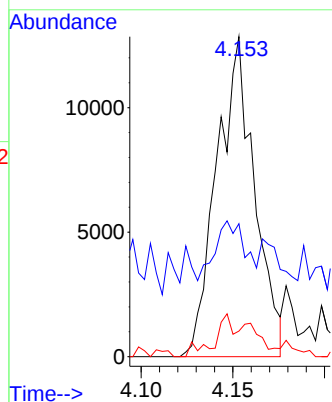
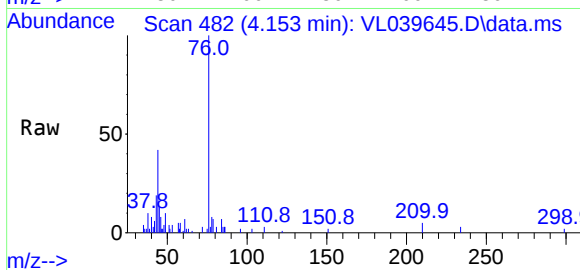




#27
Carbon Disulfide
Concen: 0.155 ppbv
RT: 4.153 min Scan# 41
Delta R.T. 0.014 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

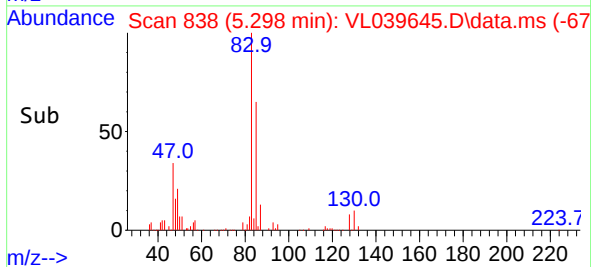
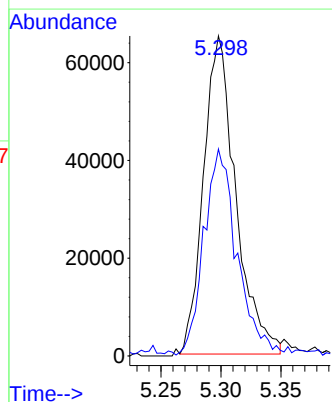
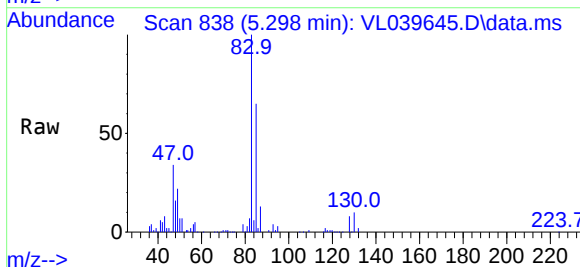
Instrument :
MSVOA_L
ClientSampleId :
COPF5

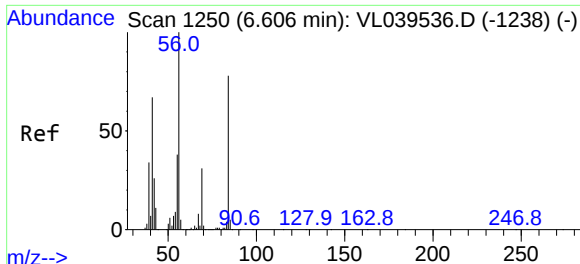
Tgt Ion: 76 Resp: 18360
Ion Ratio Lower Upper
76 100
44 23.1 14.6 21.8#
78 14.7 7.8 11.6#



#29
Chloroform
Concen: 0.749 ppbv
RT: 5.298 min Scan# 838
Delta R.T. 0.014 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

Tgt Ion: 83 Resp: 121779
Ion Ratio Lower Upper
83 100
85 63.8 52.8 79.2





#30

Cyclohexane

Concen: 0.050 ppbv

RT: 6.616 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL039645.D

Acq: 21 Sep 2022 21:39

Instrument :

MSVOA_L

ClientSampleId :

COPF5

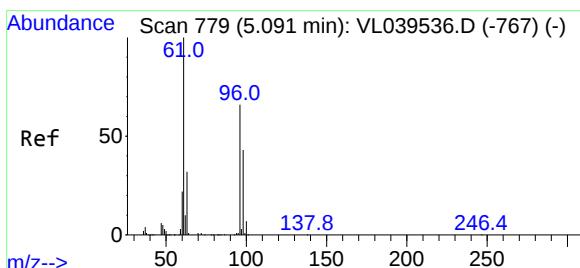
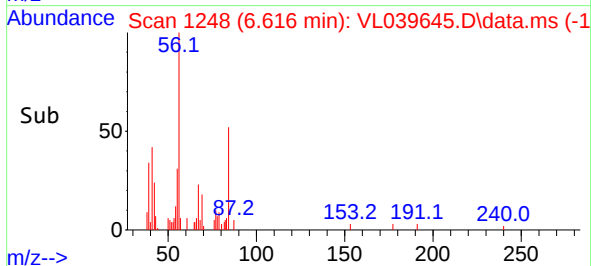
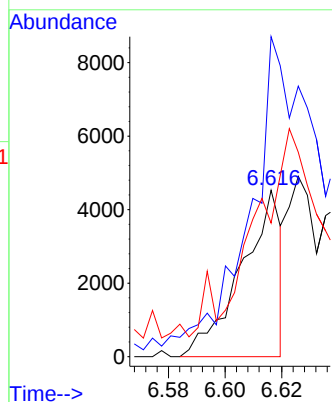
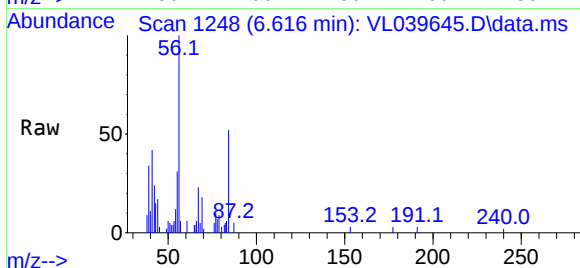
Tgt Ion: 84 Resp: 4378

Ion Ratio Lower Upper

84 100

56 299.8 107.7 161.5#

41 0.0 67.7 101.5#



#31

cis-1,2-Dichloroethene

Concen: 0.091 ppbv

RT: 5.224 min Scan# 815

Delta R.T. 0.133 min

Lab File: VL039645.D

Acq: 21 Sep 2022 21:39

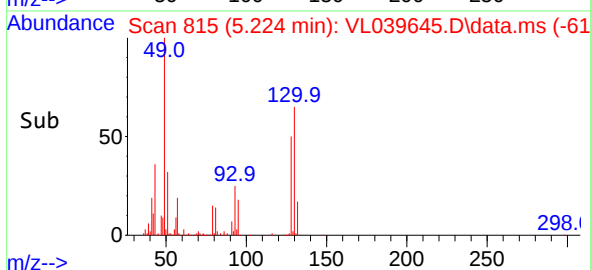
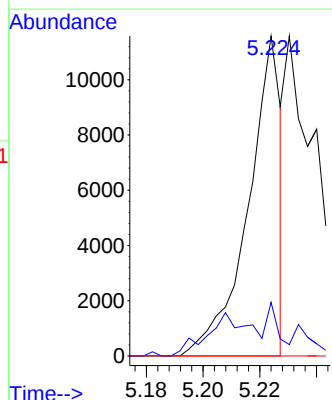
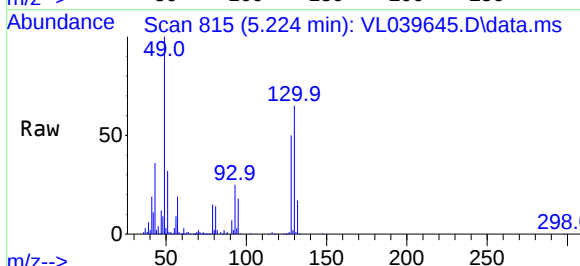
Tgt Ion: 61 Resp: 9304

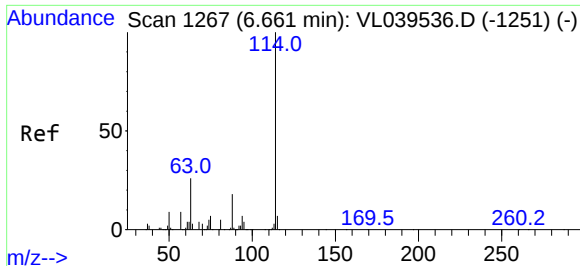
Ion Ratio Lower Upper

61 100

96 15.2 54.1 81.1#

98 0.0 34.6 52.0#

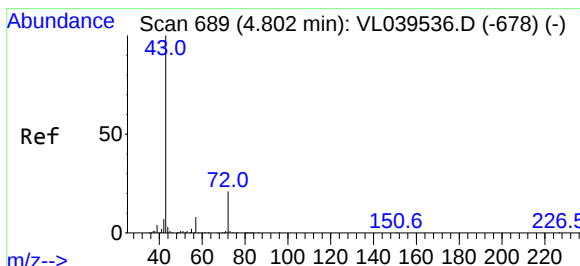
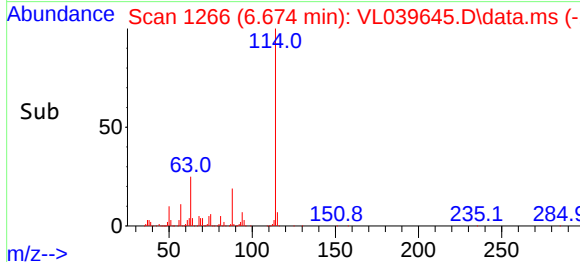
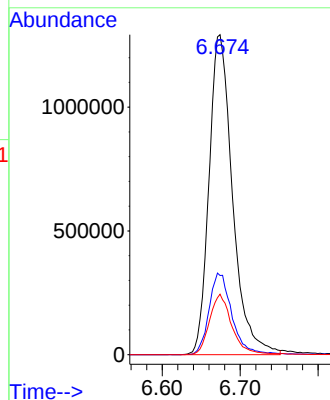
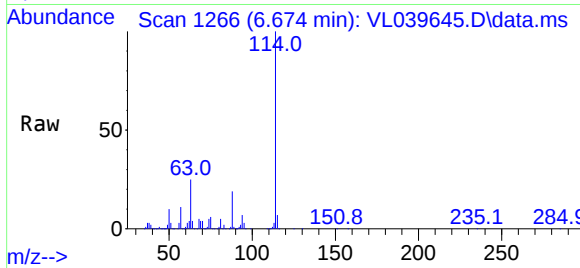




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.674 min Scan# 11
Delta R.T. 0.014 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

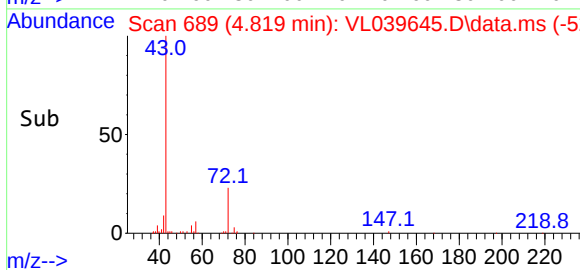
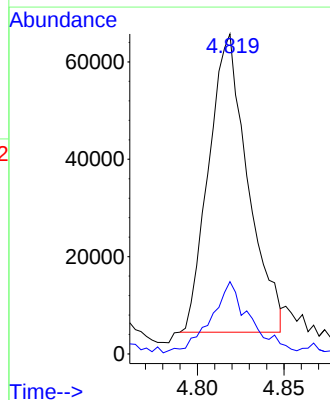
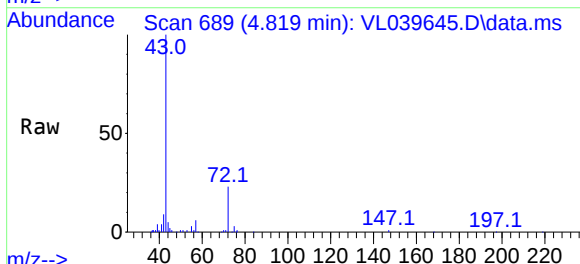
Instrument :
MSVOA_L
ClientSampleId :
COPF5

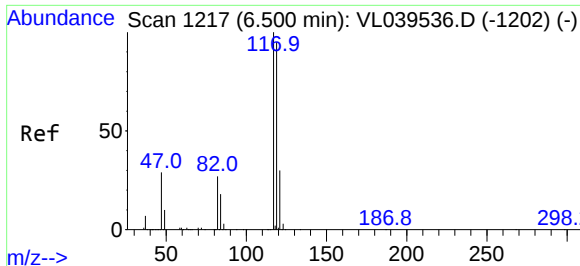
Tgt Ion:114 Resp: 2713199
Ion Ratio Lower Upper
114 100
63 25.2 20.2 30.4
88 18.2 14.5 21.7



#34
2-Butanone
Concen: 0.722 ppbv
RT: 4.819 min Scan# 689
Delta R.T. 0.017 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

Tgt Ion: 43 Resp: 96185
Ion Ratio Lower Upper
43 100
72 27.7 17.9 26.9#

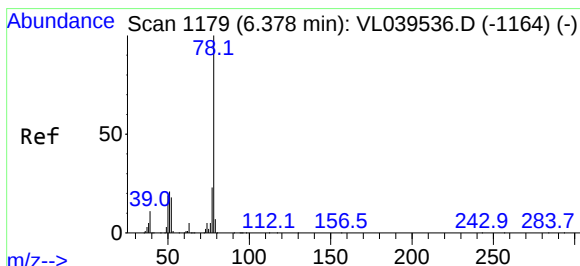
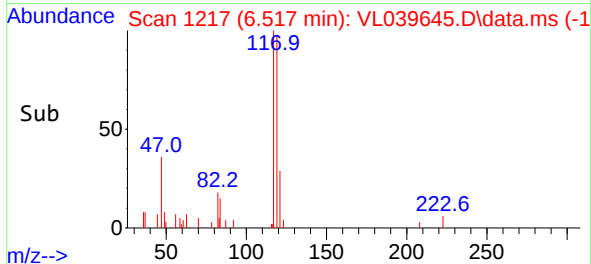
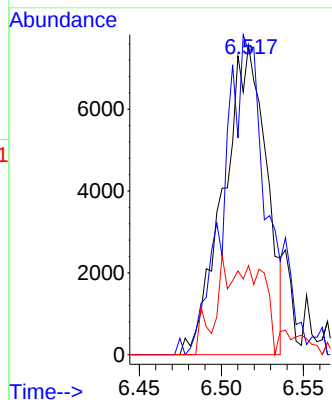
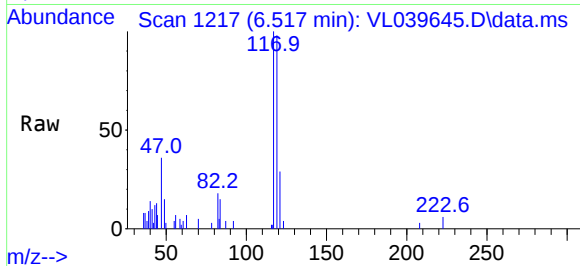




#35
Carbon Tetrachloride
Concen: 0.096 ppbv
RT: 6.517 min Scan# 117
Delta R.T. 0.017 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

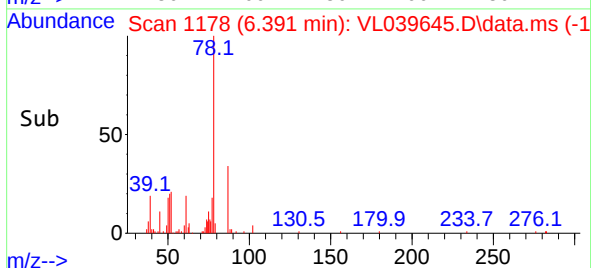
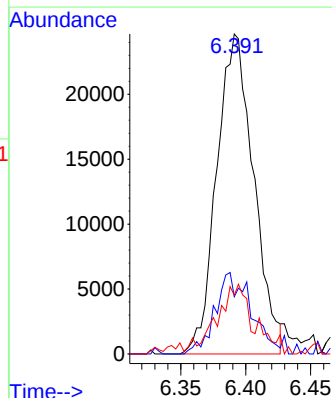
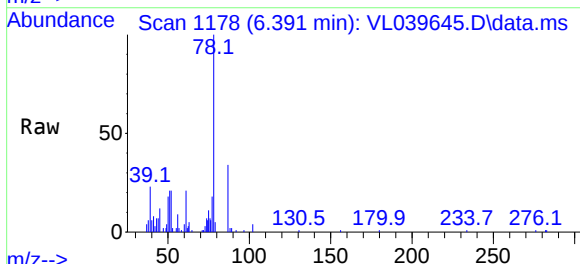
Instrument :
MSVOA_L
ClientSampleId :
COPF5

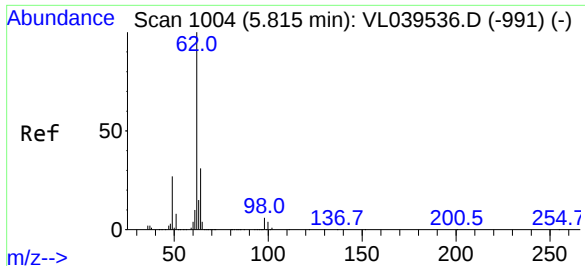
Tgt Ion:117	Resp:	13770	
Ion	Ratio	Lower	Upper
117	100		
119	92.7	75.4	113.2
121	28.8	24.2	36.2



#36
Benzene
Concen: 0.234 ppbv
RT: 6.391 min Scan# 1178
Delta R.T. 0.014 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

Tgt Ion: 78	Resp:	48643	
Ion	Ratio	Lower	Upper
78	100		
77	17.9	20.3	30.5#
50	14.9	15.5	23.3#

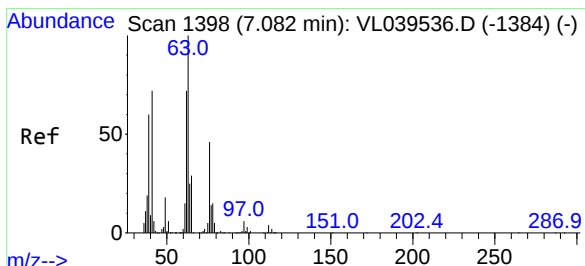
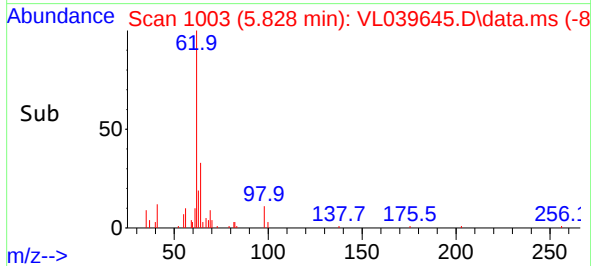
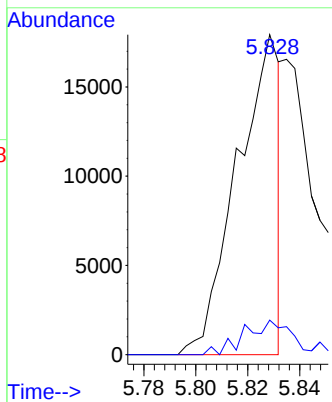
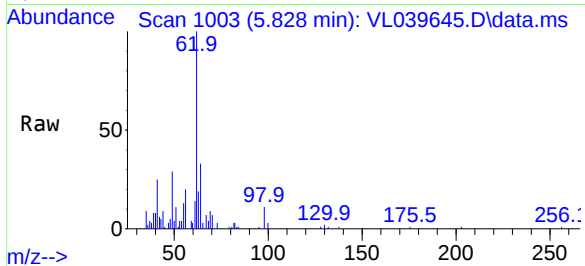




#37
1,2-Dichloroethane
Concen: 0.179 ppbv
RT: 5.828 min Scan# 1003
Delta R.T. 0.014 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

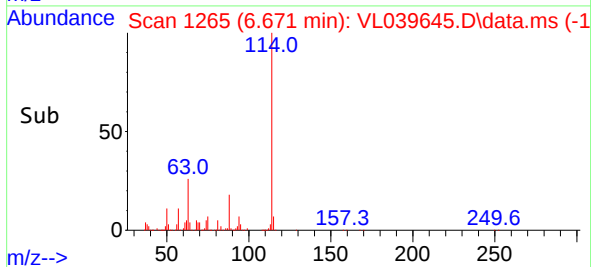
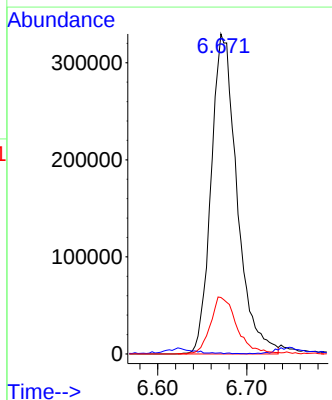
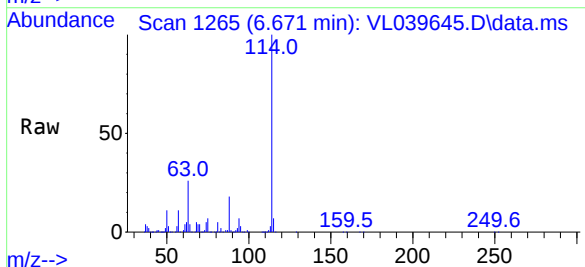
Instrument :
MSVOA_L
ClientSampleId :
COPF5

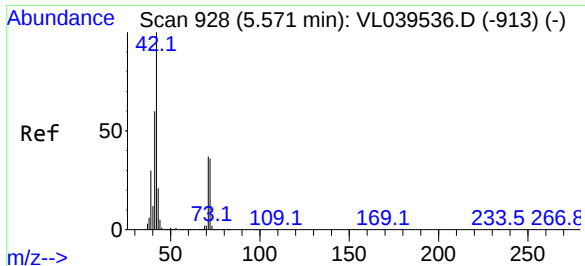
Tgt Ion: 62 Resp: 20245
Ion Ratio Lower Upper
62 100
98 14.4 5.1 7.7#



#39
1,2-Dichloropropane
Concen: 8.308 ppbv
RT: 6.671 min Scan# 1265
Delta R.T. -0.411 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

Tgt Ion: 63 Resp: 665447
Ion Ratio Lower Upper
63 100
41 0.0 59.6 89.4#
62 17.6 51.4 77.0#

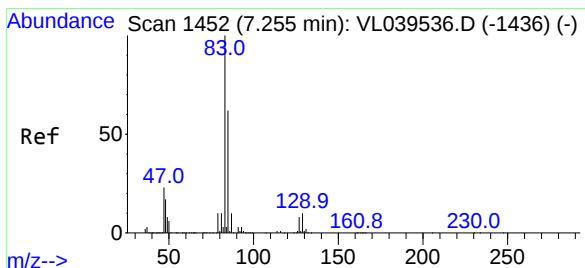
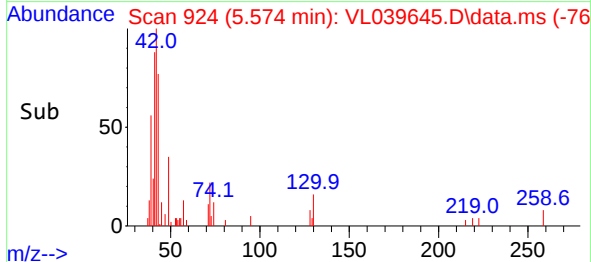
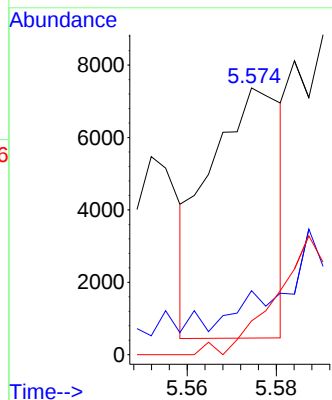
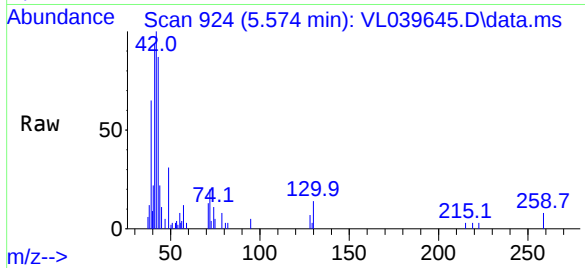




#41
Tetrahydrofuran
Concen: 0.094 ppbv
RT: 5.574 min Scan# 91
Delta R.T. 0.004 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

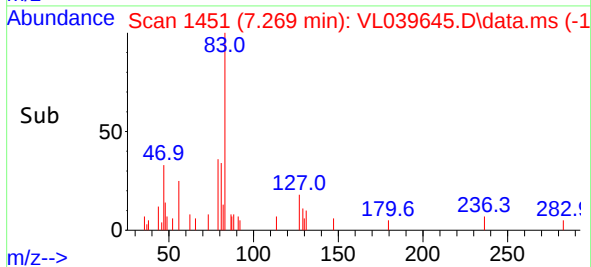
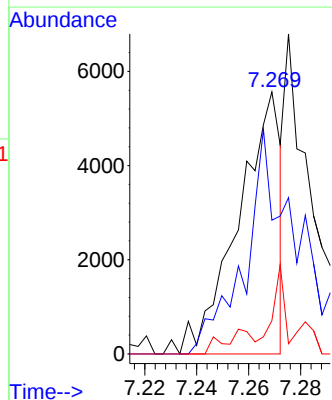
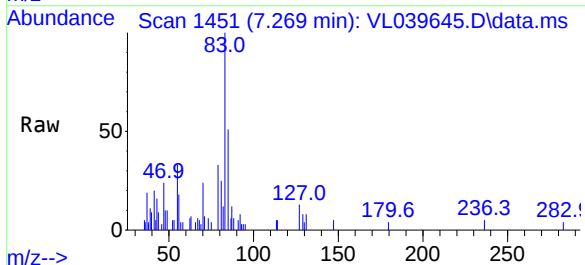
Instrument :
MSVOA_L
ClientSampleId :
COPF5

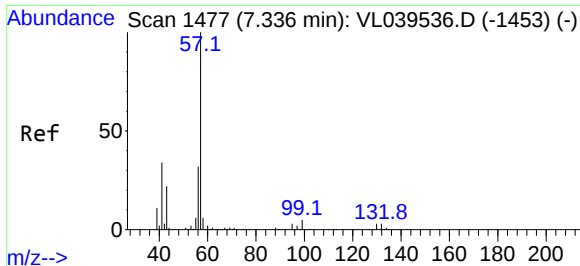
Tgt Ion: 42 Resp: 7708
Ion Ratio Lower Upper
42 100
72 0.0 31.8 47.8#
71 0.0 31.8 47.8#



#42
Bromodichloromethane
Concen: 0.040 ppbv
RT: 7.269 min Scan# 1451
Delta R.T. 0.014 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

Tgt Ion: 83 Resp: 6285
Ion Ratio Lower Upper
83 100
85 51.0 50.7 76.1
127 12.7 6.6 9.8#





#44

2,2,4-Trimethylpentane

Concen: 0.069 ppbv

RT: 7.346 min Scan# 1475

Delta R.T. 0.010 min

Lab File: VL039645.D

Acq: 21 Sep 2022 21:39

Instrument :

MSVOA_L

ClientSampleId :

COPF5

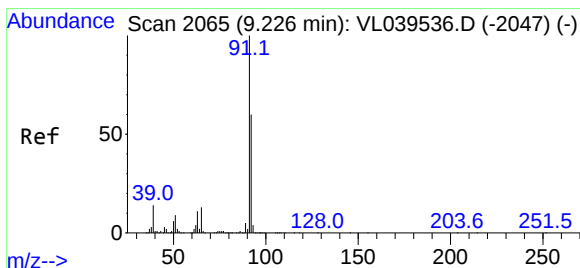
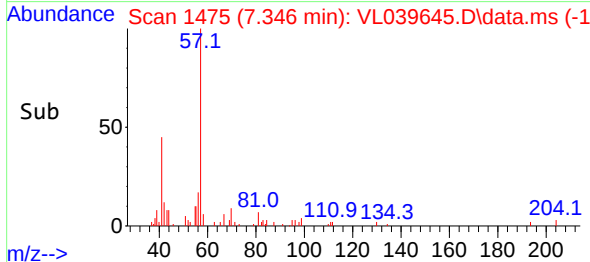
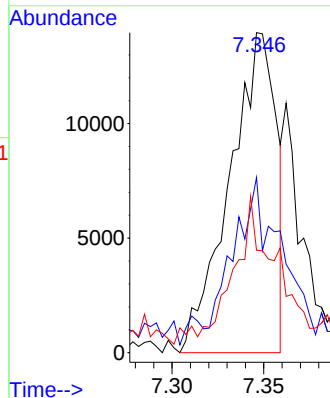
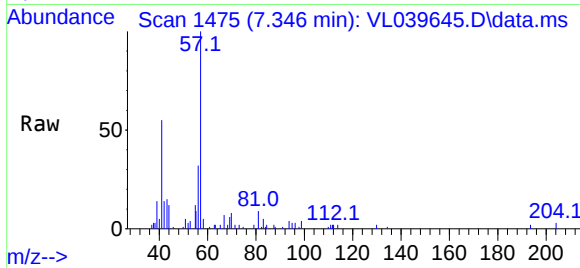
Tgt Ion: 57 Resp: 24623

Ion Ratio Lower Upper

57 100

41 79.4 27.4 41.2#

56 55.1 24.5 36.7#



#53

Toluene

Concen: 1.363 ppbv

RT: 9.240 min Scan# 2064

Delta R.T. 0.014 min

Lab File: VL039645.D

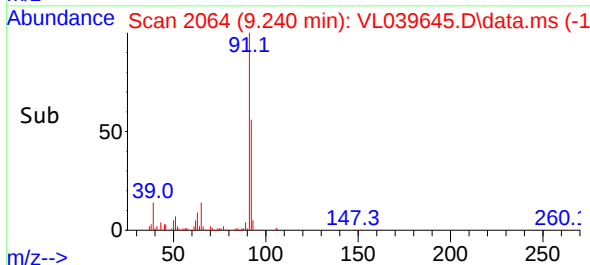
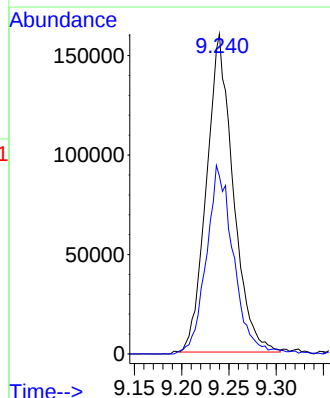
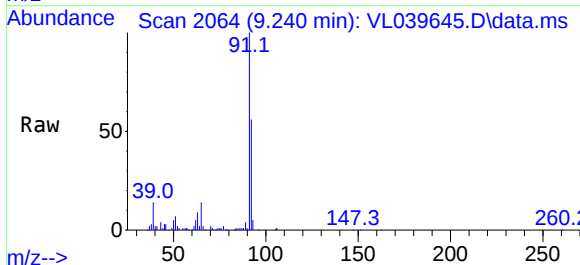
Acq: 21 Sep 2022 21:39

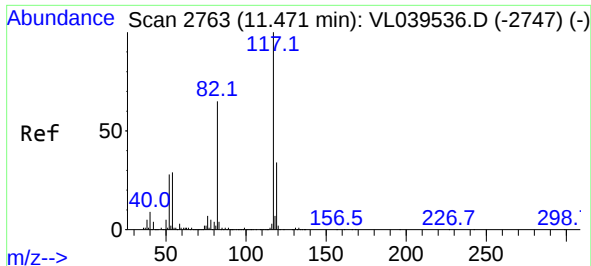
Tgt Ion: 91 Resp: 314375

Ion Ratio Lower Upper

91 100

92 60.7 48.2 72.2

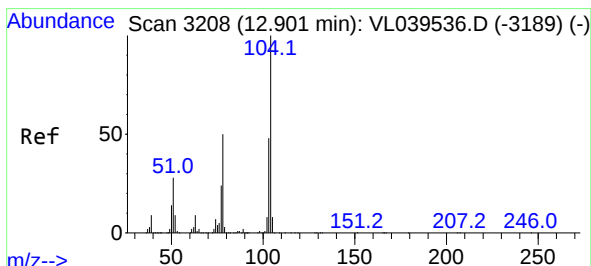
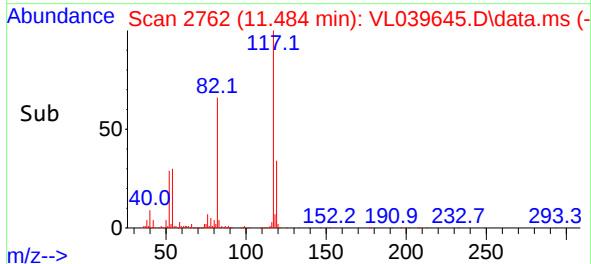
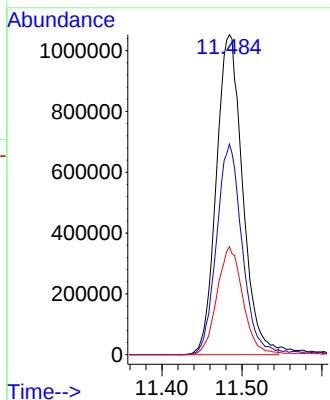
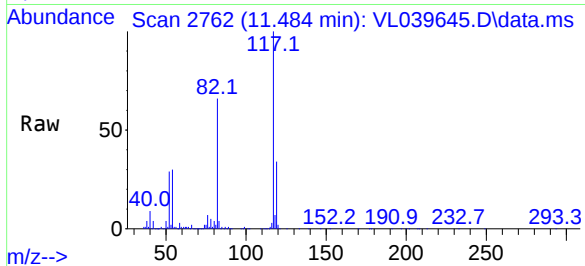




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.484 min Scan# 21
Delta R.T. 0.014 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

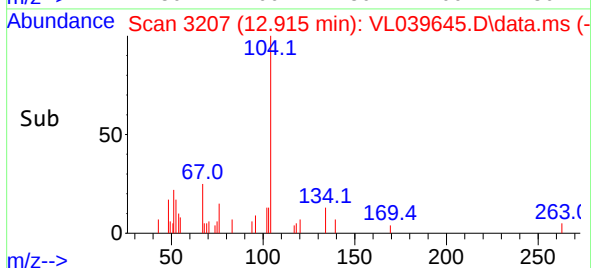
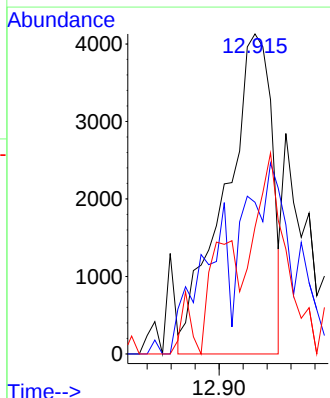
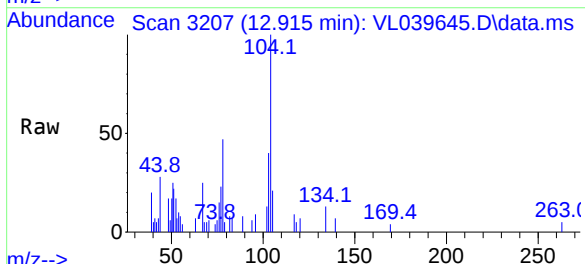
Instrument :
MSVOA_L
ClientSampleId :
COPF5

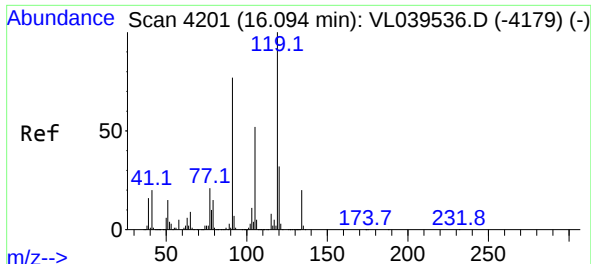
Tgt Ion:117 Resp: 2397781
Ion Ratio Lower Upper
117 100
82 66.2 50.8 76.2
119 33.7 24.1 36.1



#61
Styrene
Concen: 0.045 ppbv
RT: 12.915 min Scan# 3207
Delta R.T. 0.014 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

Tgt Ion:104 Resp: 5658
Ion Ratio Lower Upper
104 100
78 100.1 41.2 61.8#
103 75.0 38.7 58.1#

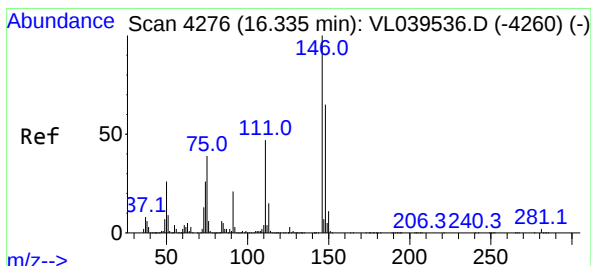
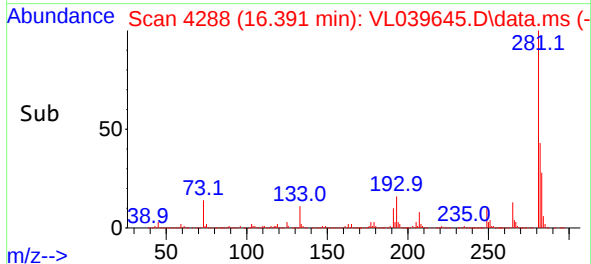
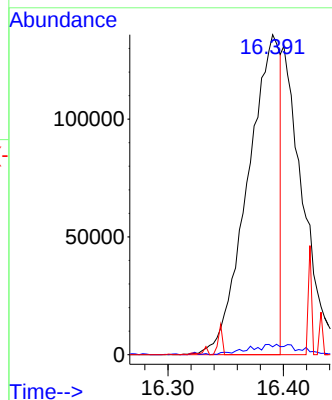
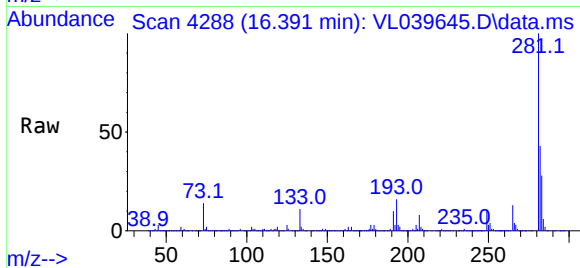




#65
tert-Butylbenzene
Concen: 0.846 ppbv
RT: 16.391 min Scan# 4179
Delta R.T. 0.296 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

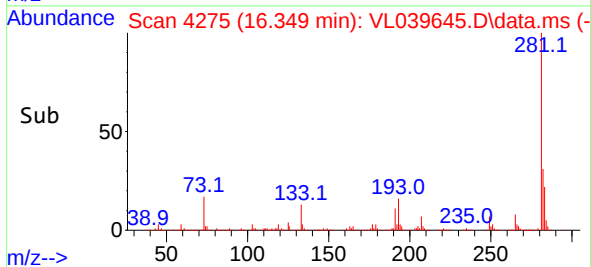
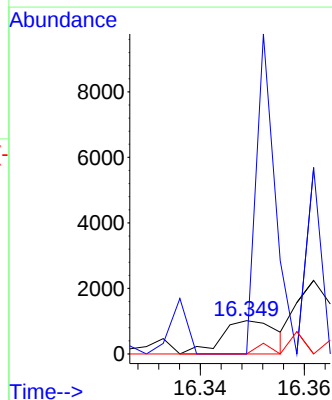
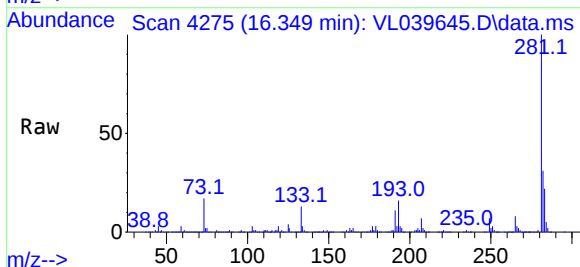
Instrument :
MSVOA_L
ClientSampleId :
COPF5

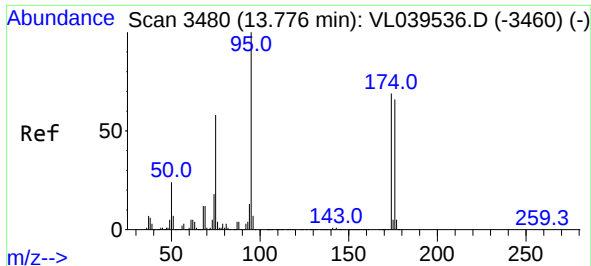
Tgt Ion: 119 Resp: 264386
Ion Ratio Lower Upper
119 100
91 5.4 63.4 95.2#
134 1.6 15.9 23.9#



#66
Benzyl Chloride
Concen: 0.030 ppbv
RT: 16.349 min Scan# 4275
Delta R.T. 0.014 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

Tgt Ion: 91 Resp: 753
Ion Ratio Lower Upper
91 100
126 0.0 13.1 19.7#
128 0.0 4.4 6.6#

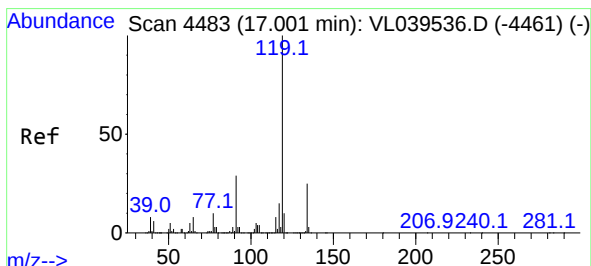
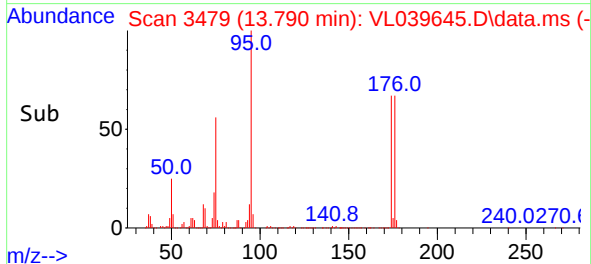
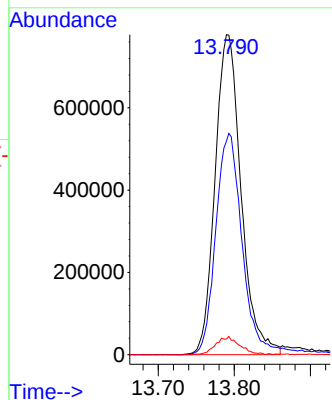
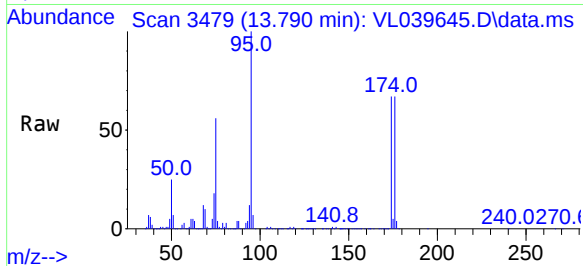




#68
1-Bromo-4-Fluorobenzene
Concen: 10.335 ppbv
RT: 13.790 min Scan# 3480
Delta R.T. 0.014 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

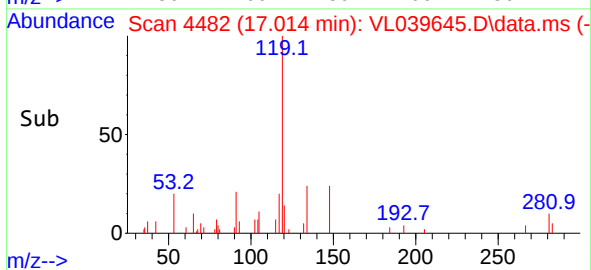
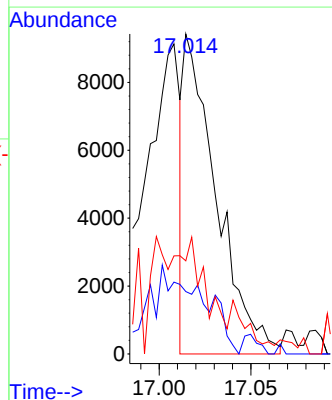
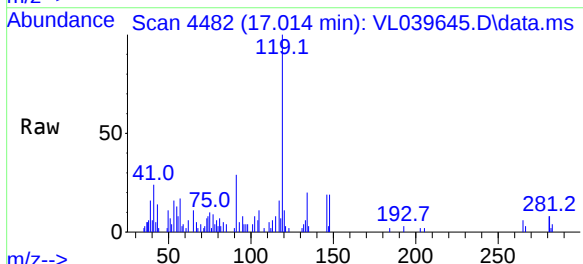
Instrument :
MSVOA_L
ClientSampleId :
COPF5

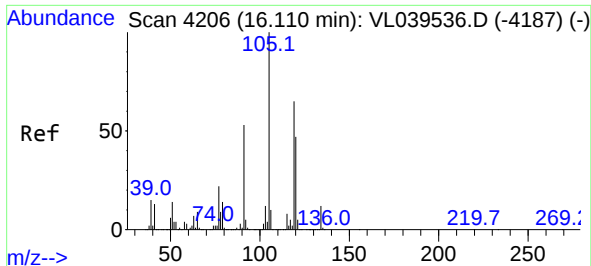
Tgt Ion: 95 Resp: 1849929
Ion Ratio Lower Upper
95 100
174 72.4 55.9 83.9
175 5.2 4.2 6.4



#69
p-Isopropyltoluene
Concen: 0.032 ppbv
RT: 17.014 min Scan# 4482
Delta R.T. 0.014 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

Tgt Ion: 119 Resp: 11648
Ion Ratio Lower Upper
119 100
134 0.0 20.3 30.5#
91 0.0 22.9 34.3#

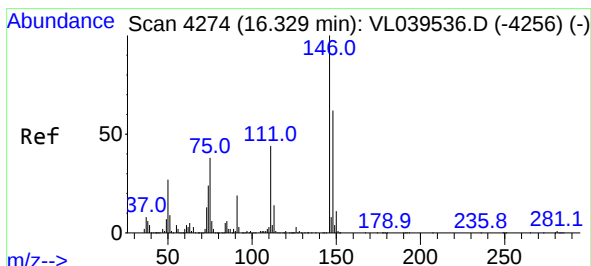
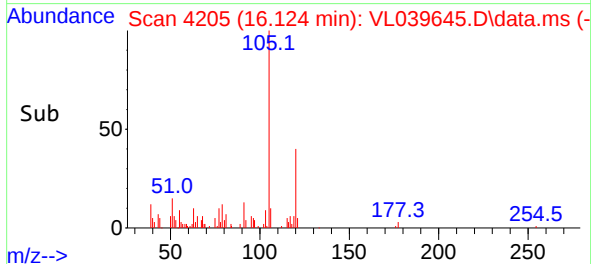
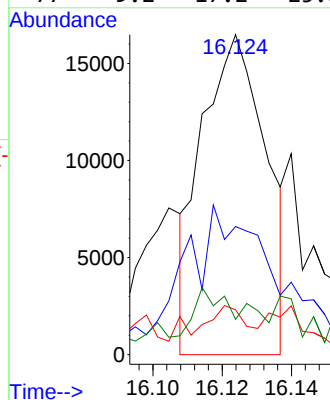
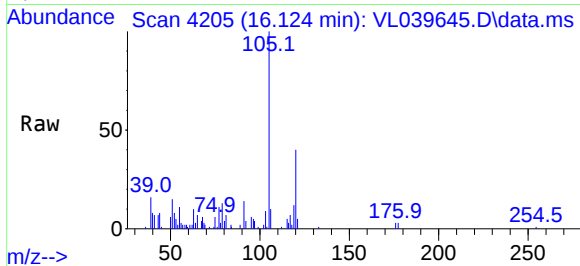




#74
1,2,4-Trimethylbenzene
Concen: 0.077 ppbv
RT: 16.124 min Scan# 4318
Delta R.T. 0.014 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

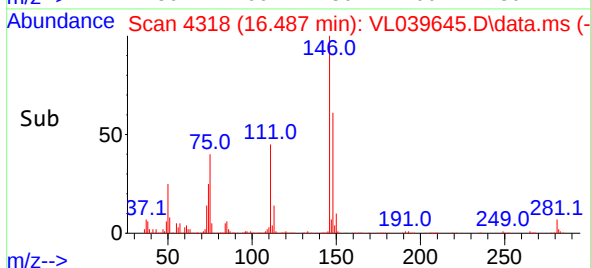
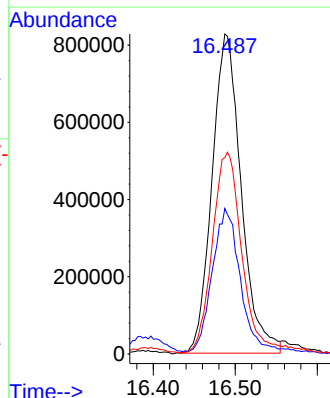
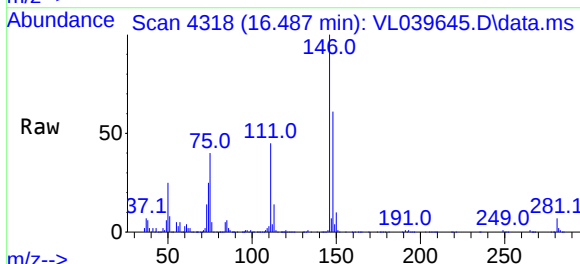
Instrument :
MSVOA_L
ClientSampleId :
COPF5

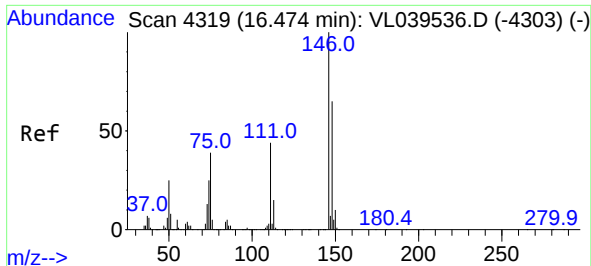
Tgt Ion:	105	Resp:	21216
Ion	Ratio	Lower	Upper
105	100		
120	33.1	39.5	59.3#
91	4.1	39.2	58.8#
77	9.2	17.2	25.8#



#75
1,3-Dichlorobenzene
Concen: 12.443 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. 0.158 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

Tgt Ion:	146	Resp:	2042550
Ion	Ratio	Lower	Upper
146	100		
111	45.2	22.9	68.7
148	65.3	32.1	96.5

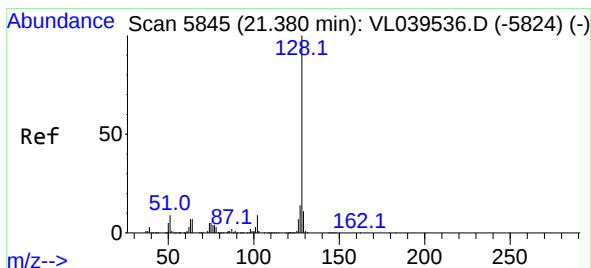
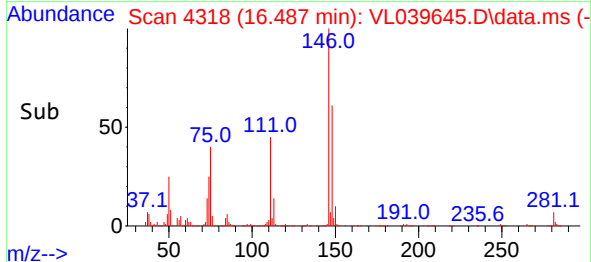
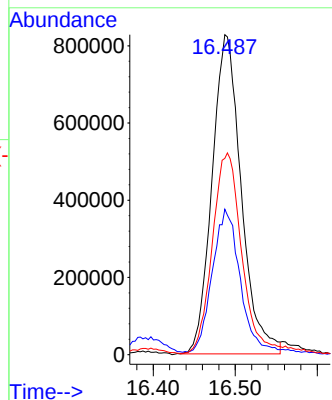
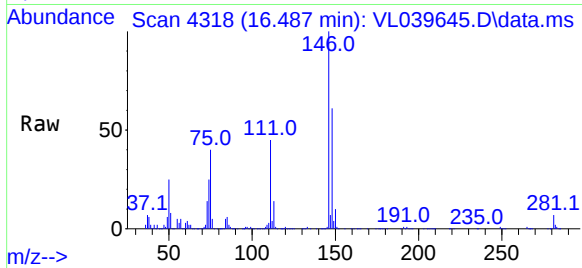




#76
1,4-Dichlorobenzene
Concen: 12.438 ppbv
RT: 16.487 min Scan# 41
Delta R.T. 0.014 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

Instrument :
MSVOA_L
ClientSampleId :
COPF5

Tgt Ion:146 Resp: 2042550
Ion Ratio Lower Upper
146 100
111 45.2 22.9 68.8
148 65.3 33.6 100.8



#79
Naphthalene
Concen: 0.030 ppbv
RT: 21.400 min Scan# 5846
Delta R.T. 0.020 min
Lab File: VL039645.D
Acq: 21 Sep 2022 21:39

Tgt Ion:128 Resp: 5489
Ion Ratio Lower Upper
128 100
127 5.3 10.6 15.8#
129 0.0 8.8 13.2#

