

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
 Data File : VL039659.D
 Acq On : 22 Sep 2022 6:53
 Operator : SY/AP
 Sample : N4669-10
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PG2

Quant Time: Sep 22 08:28:29 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	5.224	49	1002069	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.684	114	2513066	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.497	117	2356776	10.000	ppbv	0.03

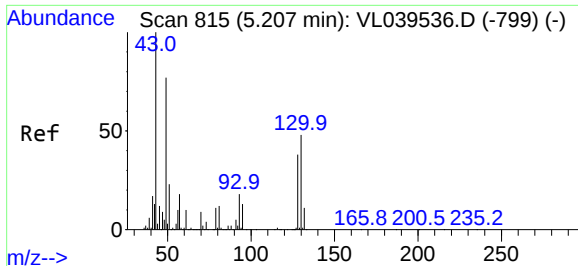
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	1845028	10.487	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.767	85	11830	0.102	ppbv	89
3) Chlorodifluoromethane	2.709	51	78418	0.659	ppbv #	86
4) Chloromethane	2.848	50	25772	0.359	ppbv #	87
9) Propene	2.722	41	3825	0.070	ppbv #	15
10) Heptane	7.610	43	27383	0.216	ppbv #	67
11) Trichlorofluoromethane	3.597	101	41929	0.291	ppbv	91
12) 1,1,2-Trichlorotrifluo...	4.102	101	5286	0.049	ppbv #	49
13) Ethanol	3.279	45	2673524	646.060	ppbv	71
15) Acetone	3.500	43	2573036	23.076	ppbv	93
16) 1,3-Butadiene	3.002	39	16749	0.296	ppbv #	10
17) tert-Butyl alcohol	3.928	59	180069	1.799	ppbv	98
19) Isopropyl Alcohol	3.619	45	642379	11.302	ppbv	98
20) Methylene Chloride	3.970	84	343204	6.657	ppbv	98
21) Allyl Chloride	3.992	41	7745	0.102	ppbv #	1
23) Vinyl Acetate	4.645	43	108591	2.154	ppbv #	1
25) Ethyl Acetate	5.243	43	440272	1.811	ppbv #	87
26) Hexane	5.246	57	397569	3.853	ppbv #	54
27) Carbon Disulfide	4.153	76	4902	0.045	ppbv #	46
30) Cyclohexane	6.626	84	4890	0.061	ppbv #	1
34) 2-Butanone	4.822	43	370848	3.004	ppbv	99
35) Carbon Tetrachloride	6.526	117	4533	0.034	ppbv #	73
36) Benzene	6.401	78	34436	0.179	ppbv	95
38) Trichloroethene	7.320	130	1018611	9.810	ppbv	97
39) 1,2-Dichloropropane	6.687	63	612547	8.256	ppbv #	24
41) Tetrahydrofuran	5.597	42	173880	2.296	ppbv	98
44) 2,2,4-Trimethylpentane	7.362	57	94587	0.286	ppbv #	42
50) 4-Methyl-2-Pentanone	8.217	43	17864	0.092	ppbv #	39
51) 2-Hexanone	9.561	43	122108	0.850	ppbv #	34
52) Tetrachloroethene	10.651	164	6780304	92.501	ppbv	94
53) Toluene	9.249	91	463863	2.171	ppbv	99
58) Ethyl Benzene	12.121	91	43252	0.159	ppbv #	87
59) m/p-Xylene	12.400	91	58893	0.244	ppbv #	32
60) o-Xylene	13.085	91	50363	0.218	ppbv #	50
64) n-propylbenzene	14.944	120	4756	0.053	ppbv #	1
65) tert-Butylbenzene	16.133	119	19711	0.064	ppbv #	1
66) Benzyl Chloride	16.371	91	1044	0.043	ppbv #	67
72) 4-Ethyltoluene	15.223	105	95355	0.362	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.381	105	77239	0.320	ppbv	94
74) 1,2,4-Trimethylbenzene	16.133	105	270784	1.001	ppbv #	71

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

Quant Time: Sep 22 08:28:29 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

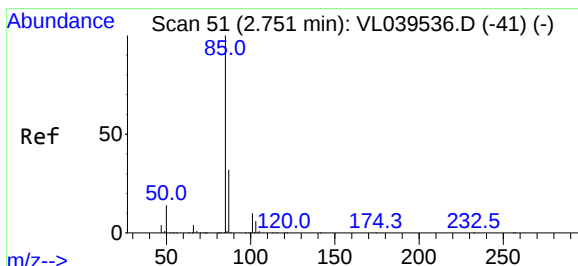
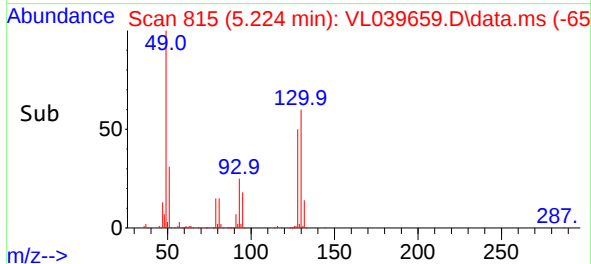
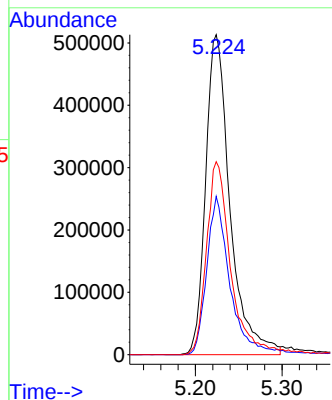
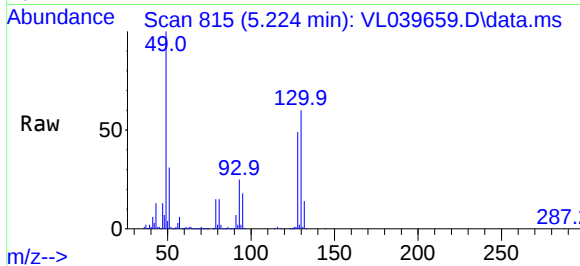




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.224 min Scan# 815
 Delta R.T. 0.017 min
 Lab File: VL039659.D
 Acq: 22 Sep 2022 6:53

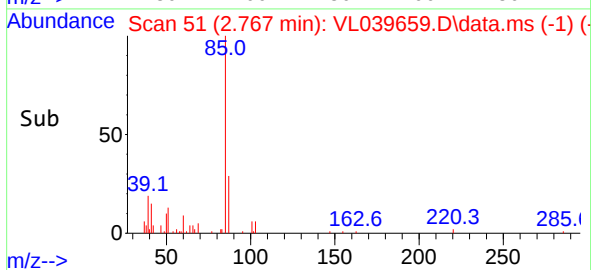
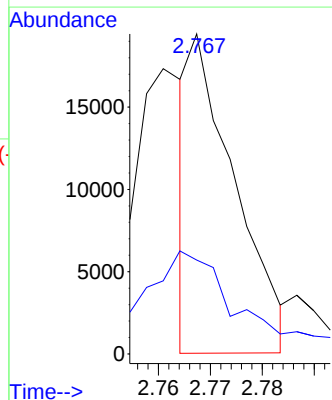
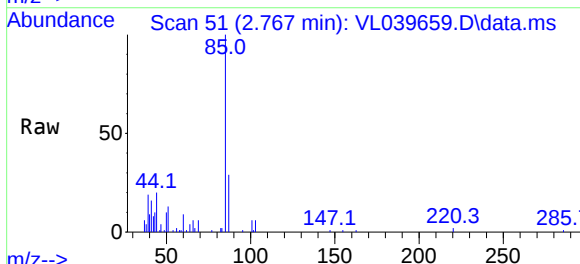
Instrument :
 MSVOA_L
 ClientSampleId :
 C0PG2

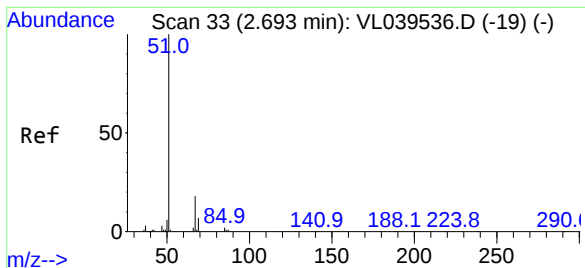
Tgt Ion: 49 Resp: 1002069
 Ion Ratio Lower Upper
 49 100
 128 47.8 26.7 80.0
 130 61.5 34.3 102.8



#2
 Dichlorodifluoromethane
 Concen: 0.102 ppbv
 RT: 2.767 min Scan# 51
 Delta R.T. 0.017 min
 Lab File: VL039659.D
 Acq: 22 Sep 2022 6:53

Tgt Ion: 85 Resp: 11830
 Ion Ratio Lower Upper
 85 100
 87 27.2 26.7 40.1

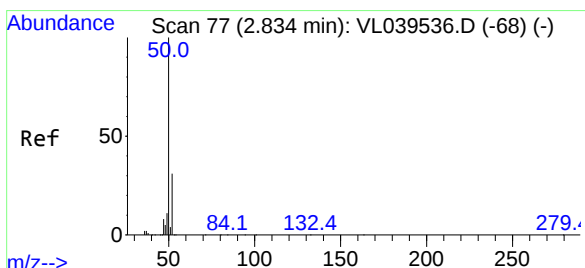
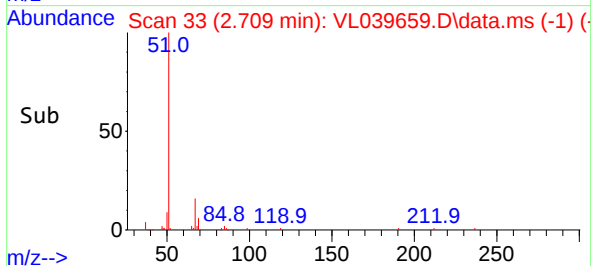
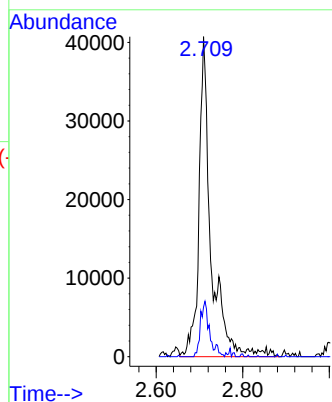
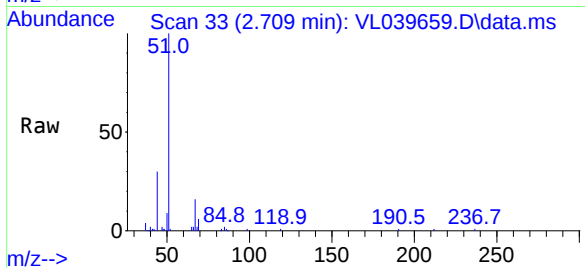




#3
Chlorodifluoromethane
Concen: 0.659 ppbv
RT: 2.709 min Scan# 31
Delta R.T. 0.017 min
Lab File: VL039659.D
Acq: 22 Sep 2022 6:53

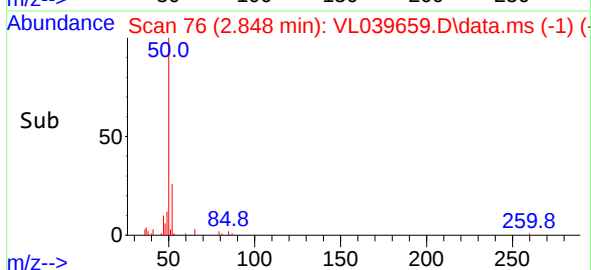
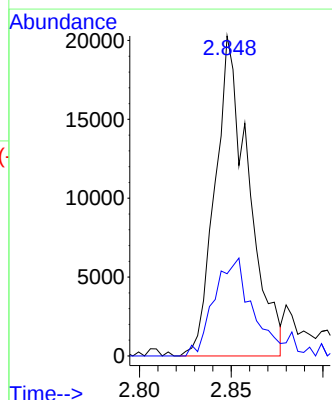
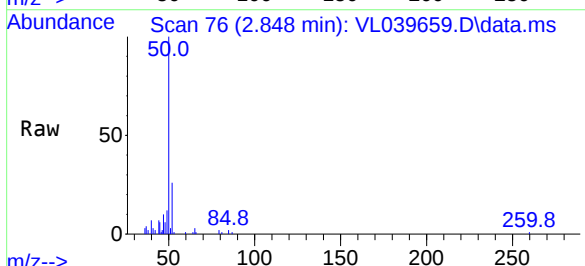
Instrument :
MSVOA_L
ClientSampleId :
C0PG2

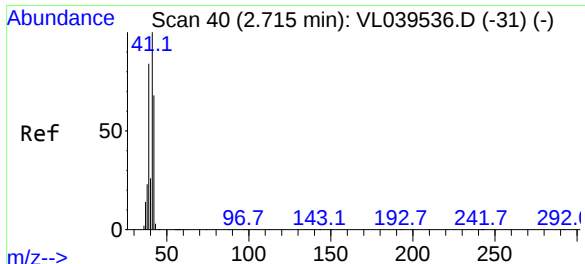
Tgt Ion: 51 Resp: 78418
Ion Ratio Lower Upper
51 100
67 13.1 15.7 23.5#



#4
Chloromethane
Concen: 0.359 ppbv
RT: 2.848 min Scan# 76
Delta R.T. 0.013 min
Lab File: VL039659.D
Acq: 22 Sep 2022 6:53

Tgt Ion: 50 Resp: 25772
Ion Ratio Lower Upper
50 100
52 25.7 26.5 39.7#

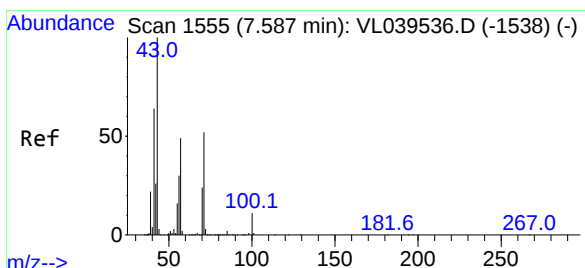
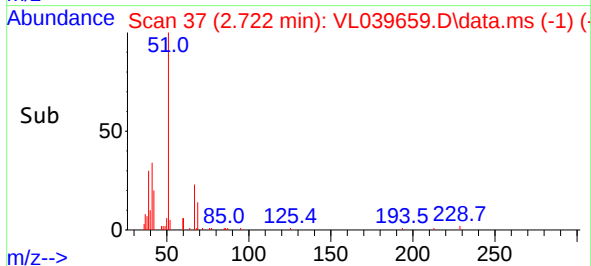
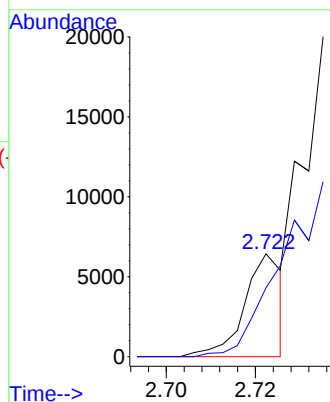
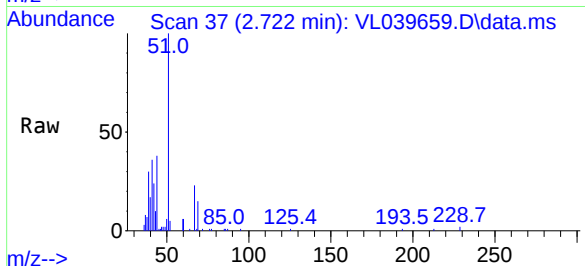




#9
Propene
Concen: 0.070 ppbv
RT: 2.722 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL039659.D
Acq: 22 Sep 2022 6:53

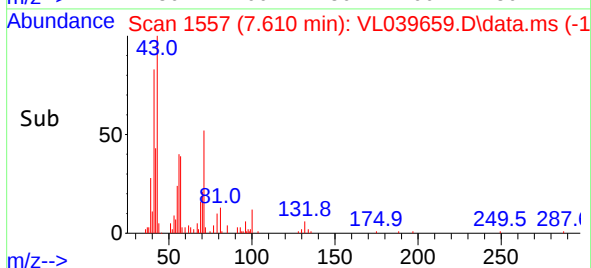
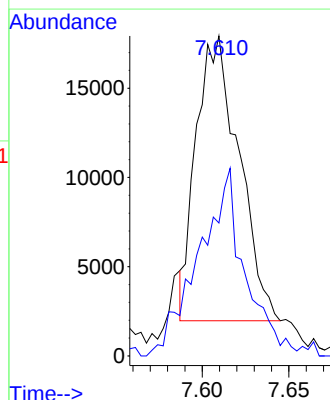
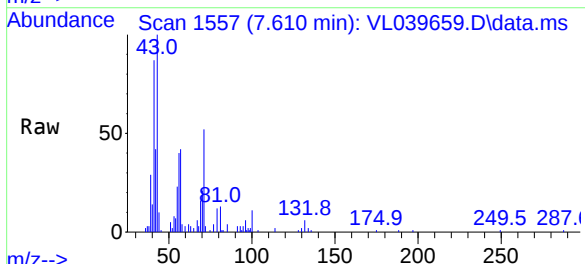
Instrument :
MSVOA_L
ClientSampleId :
C0PG2

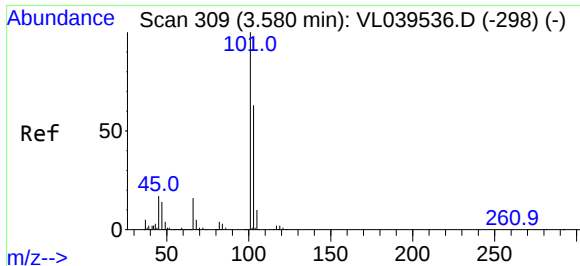
Tgt Ion: 41 Resp: 3825
Ion Ratio Lower Upper
41 100
42 0.0 55.2 82.8#



#10
Heptane
Concen: 0.216 ppbv
RT: 7.610 min Scan# 1557
Delta R.T. 0.023 min
Lab File: VL039659.D
Acq: 22 Sep 2022 6:53

Tgt Ion: 43 Resp: 27383
Ion Ratio Lower Upper
43 100
57 73.3 40.5 60.7#

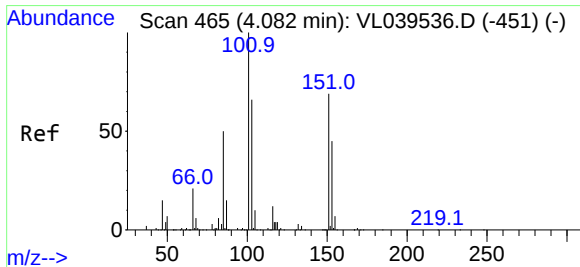
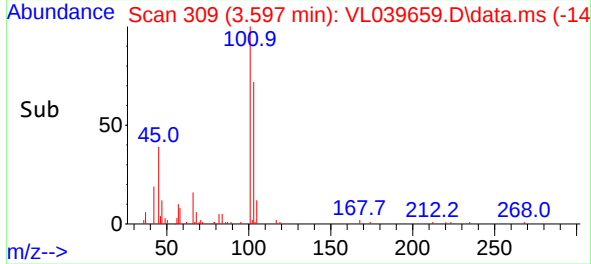
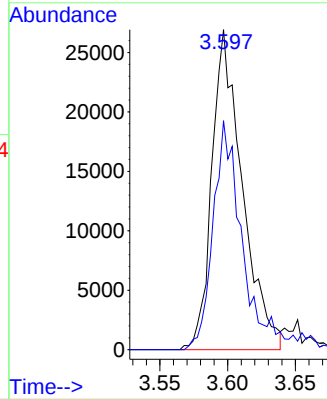
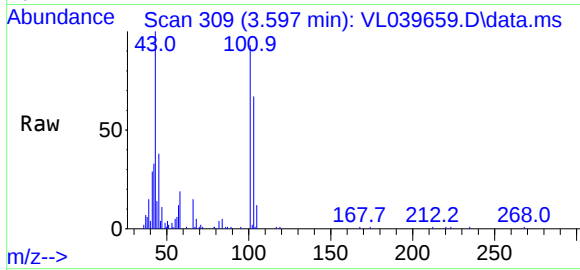




#11
 Trichlorofluoromethane
 Concen: 0.291 ppbv
 RT: 3.597 min Scan# 309
 Delta R.T. 0.017 min
 Lab File: VL039659.D
 Acq: 22 Sep 2022 6:53

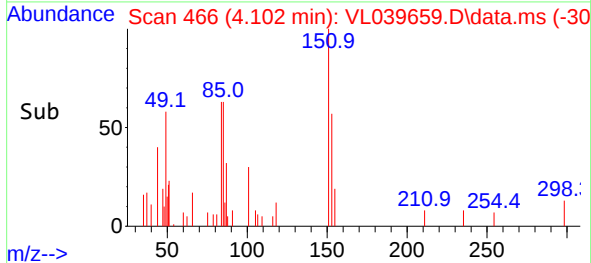
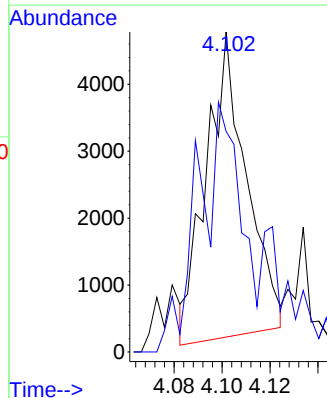
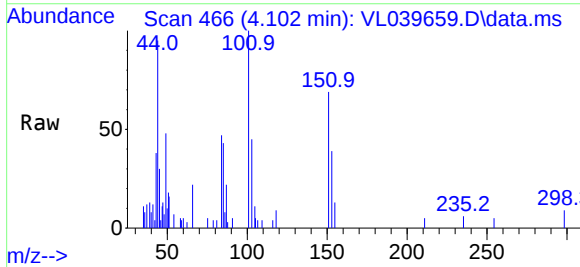
Instrument :
 MSVOA_L
 ClientSampleId :
 C0PG2

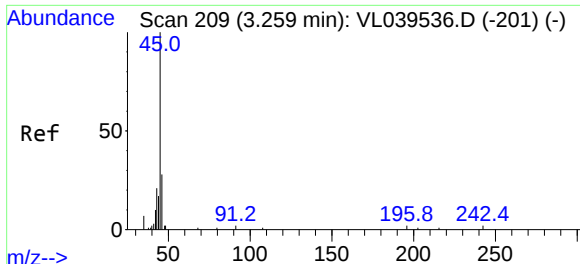
Tgt Ion:101 Resp: 41929
 Ion Ratio Lower Upper
 101 100
 103 71.5 51.8 77.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.049 ppbv
 RT: 4.102 min Scan# 466
 Delta R.T. 0.020 min
 Lab File: VL039659.D
 Acq: 22 Sep 2022 6:53

Tgt Ion:101 Resp: 5286
 Ion Ratio Lower Upper
 101 100
 151 116.5 58.9 88.3#

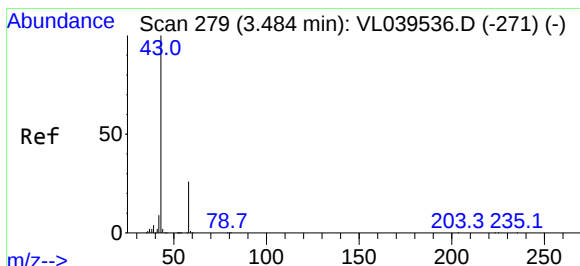
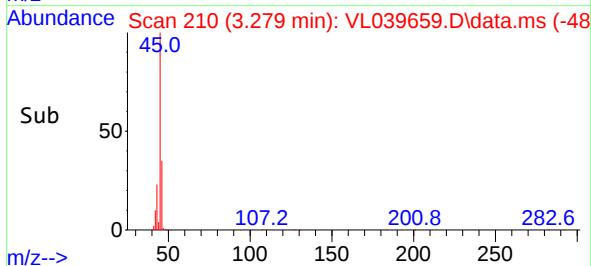
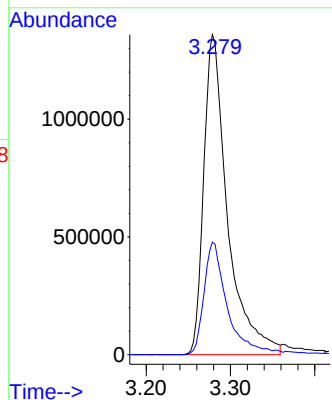
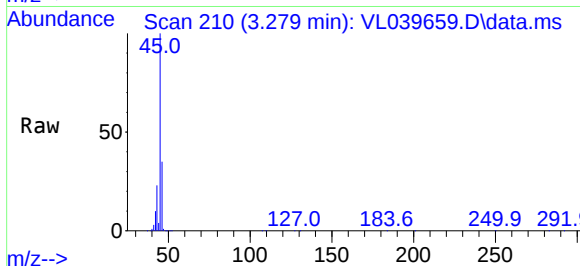




#13
Ethanol
Concen: 646.060 ppbv
RT: 3.279 min Scan# 210
Delta R.T. 0.020 min
Lab File: VL039659.D
Acq: 22 Sep 2022 6:53

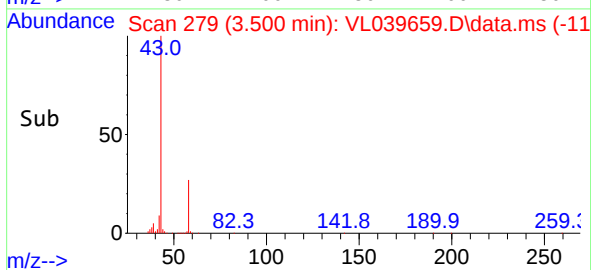
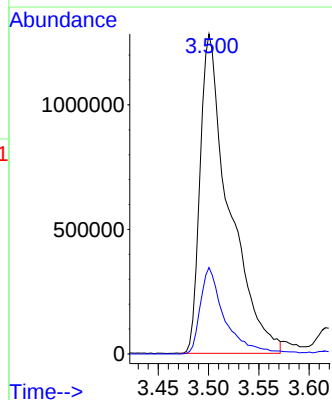
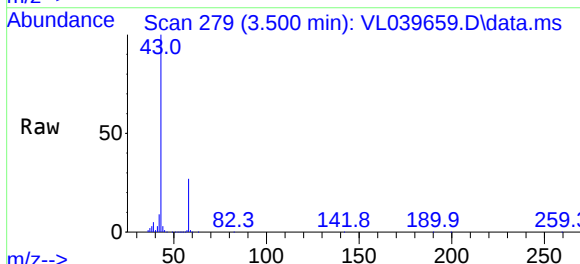
Instrument :
MSVOA_L
ClientSampleId :
C0PG2

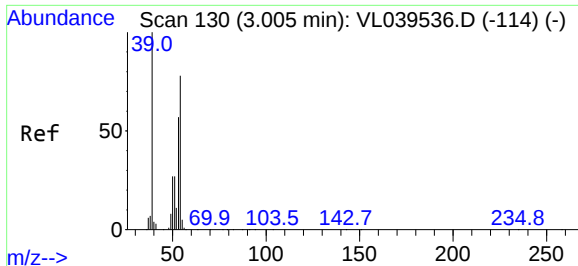
Tgt Ion: 45 Resp: 2673524
Ion Ratio Lower Upper
45 100
46 35.9 22.8 91.2



#15
Acetone
Concen: 23.076 ppbv
RT: 3.500 min Scan# 279
Delta R.T. 0.017 min
Lab File: VL039659.D
Acq: 22 Sep 2022 6:53

Tgt Ion: 43 Resp: 2573036
Ion Ratio Lower Upper
43 100
58 22.9 21.0 31.6





#16

1,3-Butadiene

Concen: 0.296 ppbv

RT: 3.002 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL039659.D

Acq: 22 Sep 2022 6:53

Instrument :

MSVOA_L

ClientSampleId :

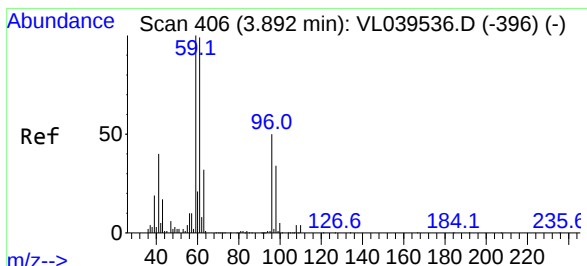
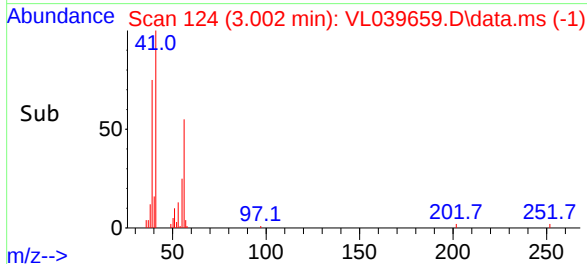
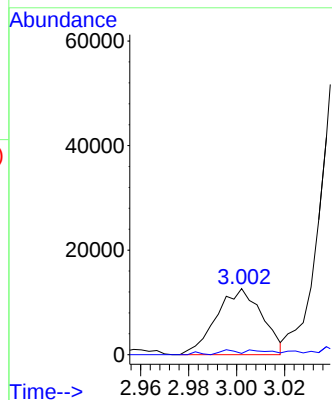
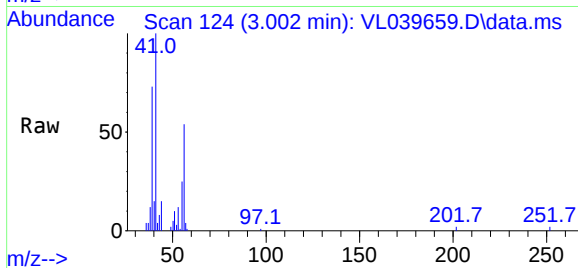
C0PG2

Tgt Ion: 39 Resp: 16749

Ion Ratio Lower Upper

39 100

54 0.0 63.7 95.5#



#17

tert-Butyl alcohol

Concen: 1.799 ppbv

RT: 3.928 min Scan# 412

Delta R.T. 0.036 min

Lab File: VL039659.D

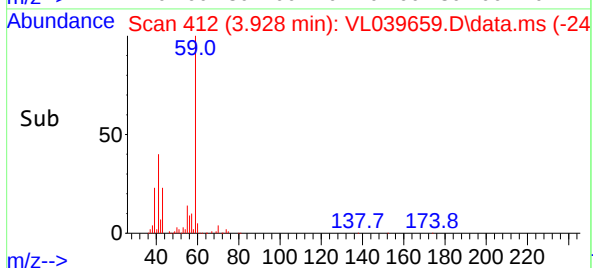
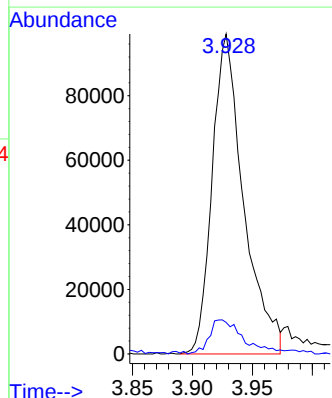
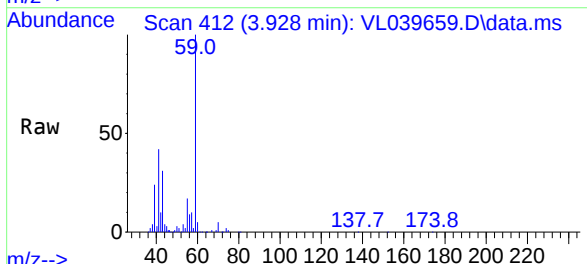
Acq: 22 Sep 2022 6:53

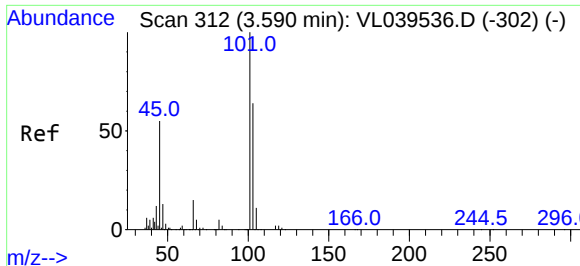
Tgt Ion: 59 Resp: 180069

Ion Ratio Lower Upper

59 100

57 11.7 8.7 13.1





#19

Isopropyl Alcohol

Concen: 11.302 ppbv

RT: 3.619 min Scan# 312

Delta R.T. 0.030 min

Lab File: VL039659.D

Acq: 22 Sep 2022 6:53

Instrument :

MSVOA_L

ClientSampleId :

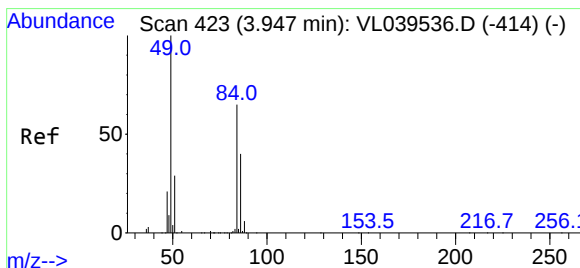
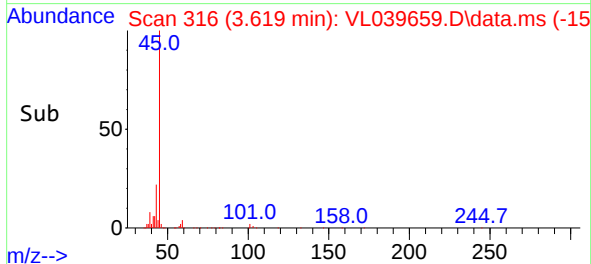
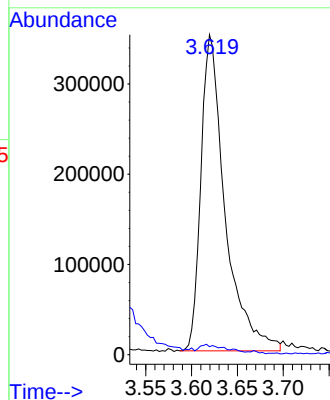
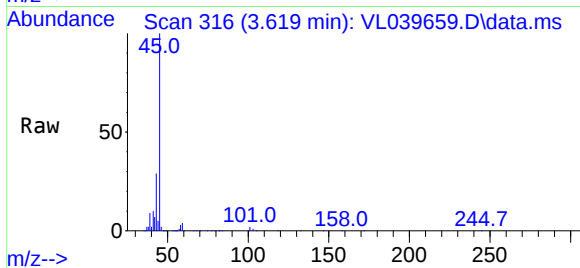
C0PG2

Tgt Ion: 45 Resp: 642379

Ion Ratio Lower Upper

45 100

58 4.5 3.2 4.8



#20

Methylene Chloride

Concen: 6.657 ppbv

RT: 3.970 min Scan# 425

Delta R.T. 0.023 min

Lab File: VL039659.D

Acq: 22 Sep 2022 6:53

Tgt Ion: 84 Resp: 343204

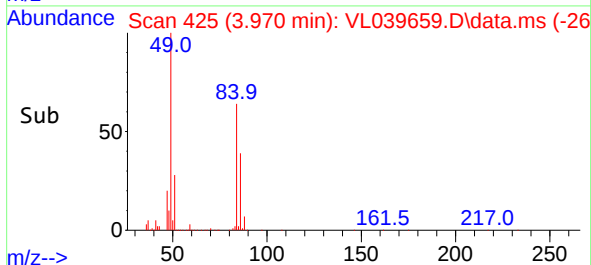
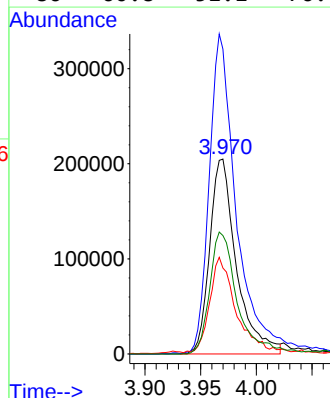
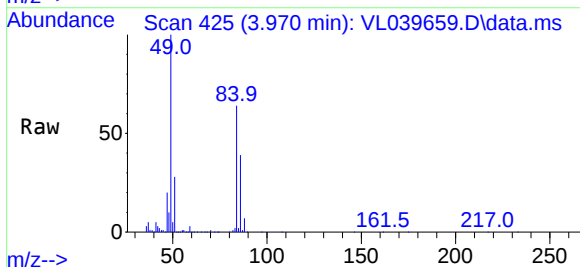
Ion Ratio Lower Upper

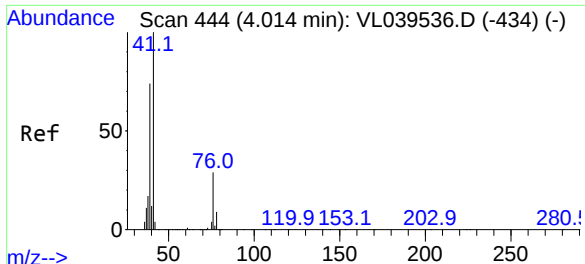
84 100

49 156.2 123.1 184.7

51 43.0 34.4 51.6

86 60.8 51.1 76.7





#21

Allyl Chloride

Concen: 0.102 ppbv

RT: 3.992 min Scan# 41

Delta R.T. -0.022 min

Lab File: VL039659.D

Acq: 22 Sep 2022 6:53

Instrument :

MSVOA_L

ClientSampleId :

C0PG2

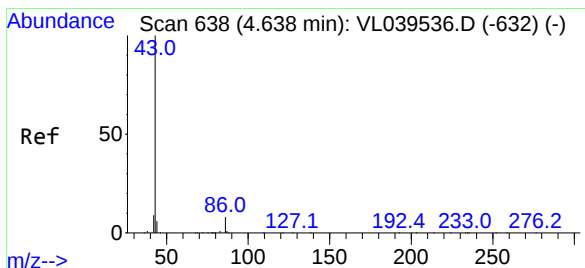
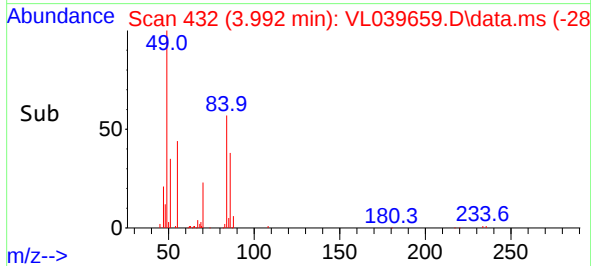
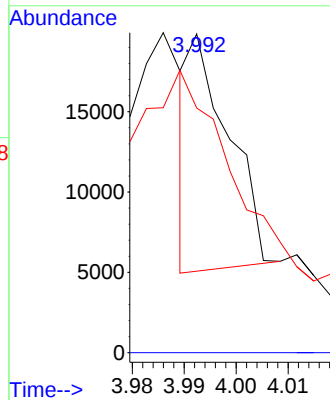
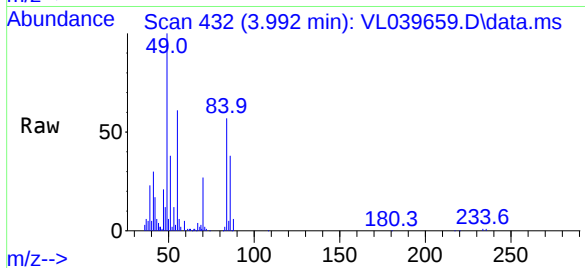
Tgt Ion: 41 Resp: 7745

Ion Ratio Lower Upper

41 100

76 0.0 24.4 36.6#

39 371.1 63.5 95.3#



#23

Vinyl Acetate

Concen: 2.154 ppbv

RT: 4.645 min Scan# 635

Delta R.T. 0.007 min

Lab File: VL039659.D

Acq: 22 Sep 2022 6:53

Tgt Ion: 43 Resp: 108591

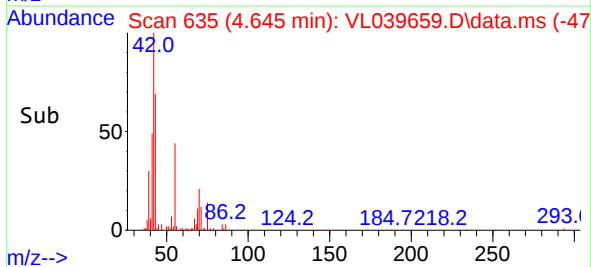
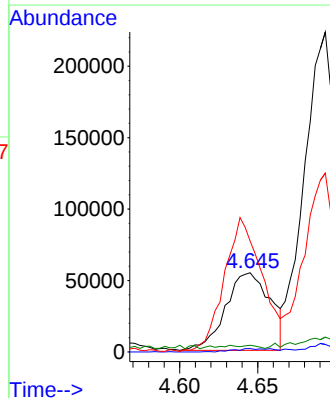
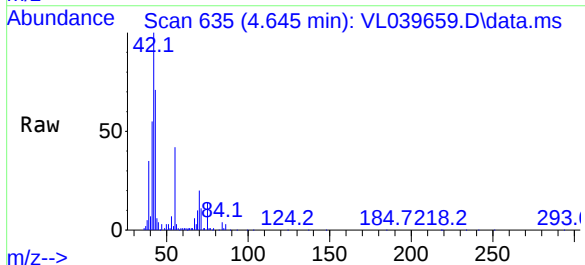
Ion Ratio Lower Upper

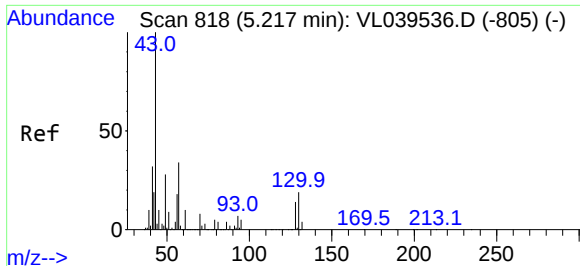
43 100

86 4.3 5.0 7.6#

42 140.1 7.7 11.5#

44 2.7 4.6 7.0#





#25

Ethyl Acetate

Concen: 1.811 ppbv

RT: 5.243 min Scan# 81

Delta R.T. 0.026 min

Lab File: VL039659.D

Acq: 22 Sep 2022 6:53

Instrument :

MSVOA_L

ClientSampleId :

C0PG2

Tgt Ion: 43 Resp: 440272

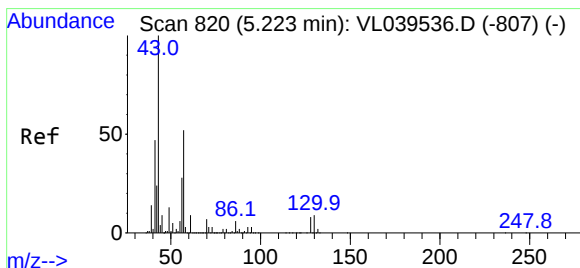
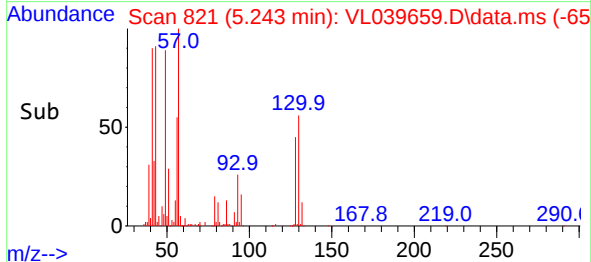
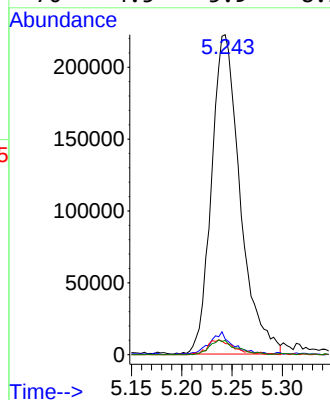
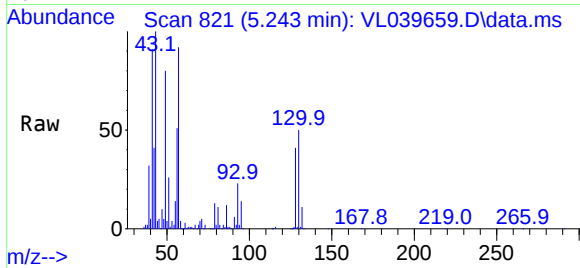
Ion Ratio Lower Upper

43 100

45 5.7 8.2 12.4#

61 4.3 8.3 12.5#

70 4.5 5.9 8.9#



#26

Hexane

Concen: 3.853 ppbv

RT: 5.246 min Scan# 822

Delta R.T. 0.023 min

Lab File: VL039659.D

Acq: 22 Sep 2022 6:53

Tgt Ion: 57 Resp: 397569

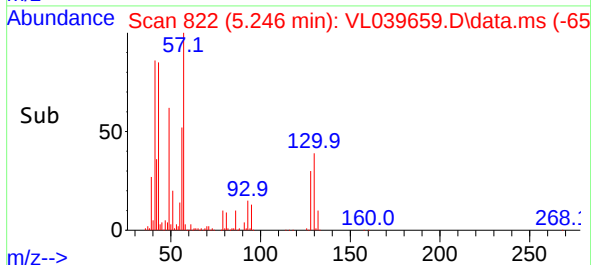
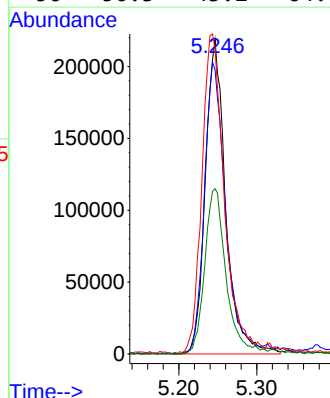
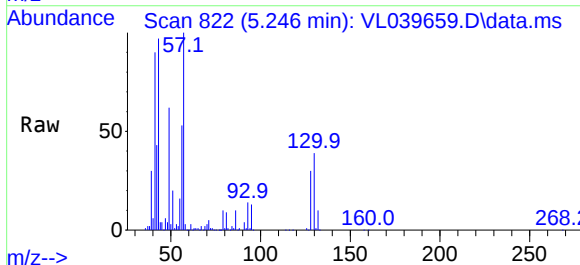
Ion Ratio Lower Upper

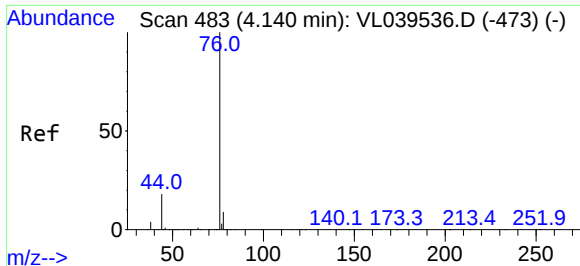
57 100

41 98.4 76.9 115.3

43 115.4 191.0 286.6#

56 56.3 43.2 64.8

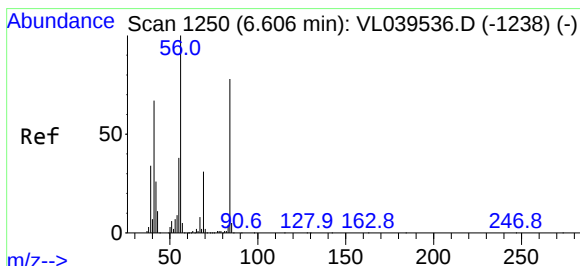
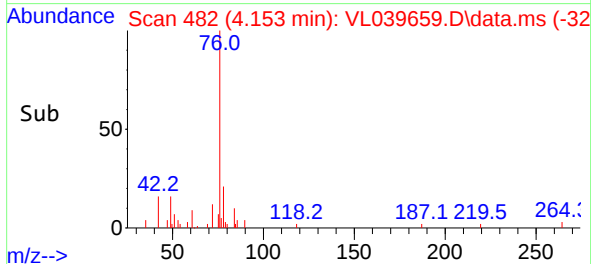
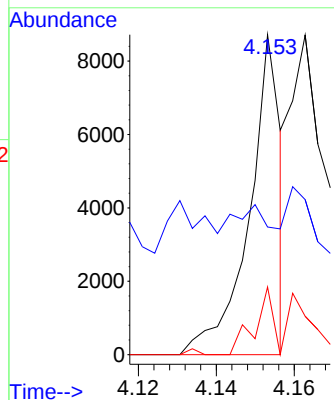
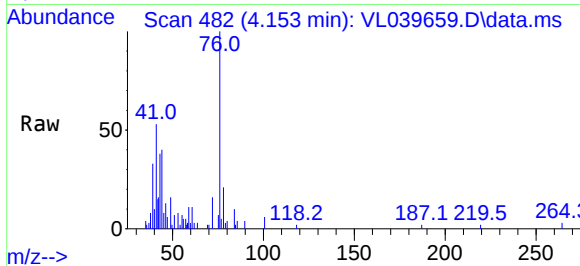




#27
Carbon Disulfide
Concen: 0.045 ppbv
RT: 4.153 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL039659.D
Acq: 22 Sep 2022 6:53

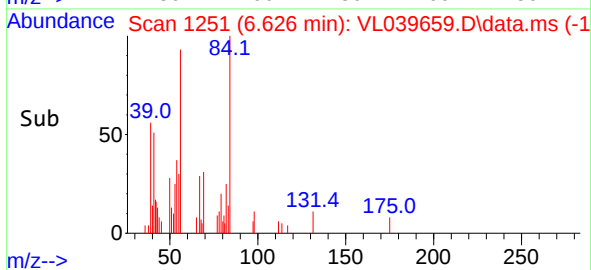
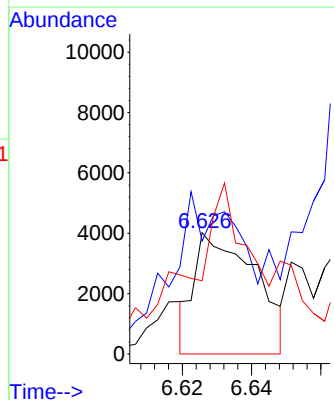
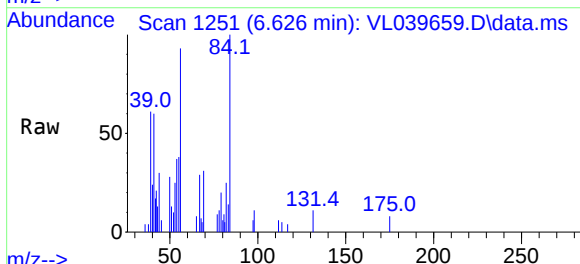
Instrument :
MSVOA_L
ClientSampleId :
C0PG2

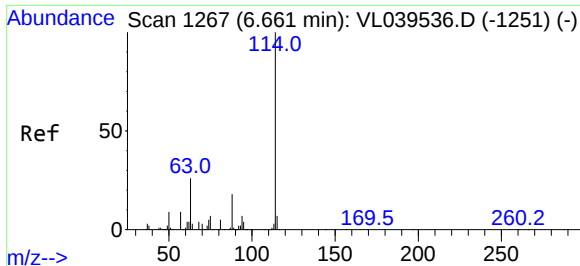
Tgt Ion: 76 Resp: 4902
Ion Ratio Lower Upper
76 100
44 0.0 14.6 21.8#
78 38.7 7.8 11.6#



#30
Cyclohexane
Concen: 0.061 ppbv
RT: 6.626 min Scan# 1251
Delta R.T. 0.020 min
Lab File: VL039659.D
Acq: 22 Sep 2022 6:53

Tgt Ion: 84 Resp: 4890
Ion Ratio Lower Upper
84 100
56 0.0 107.7 161.5#
41 226.3 67.7 101.5#

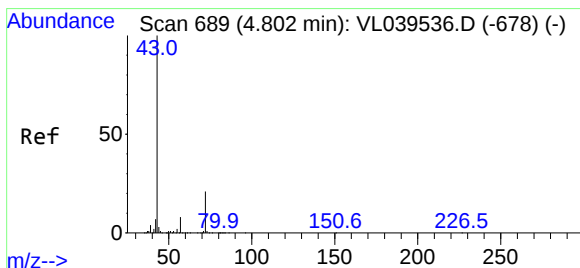
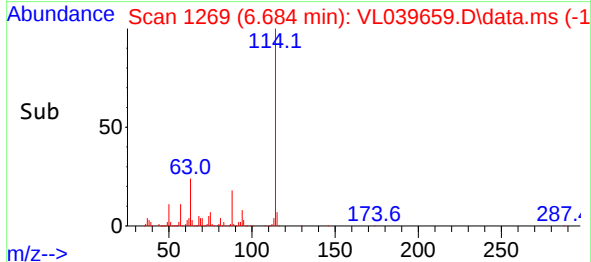
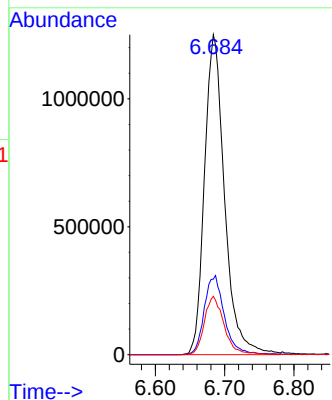
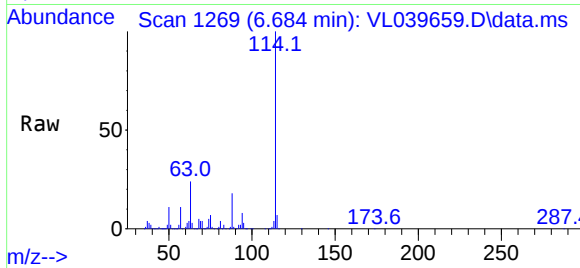




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.684 min Scan# 11
Delta R.T. 0.023 min
Lab File: VL039659.D
Acq: 22 Sep 2022 6:53

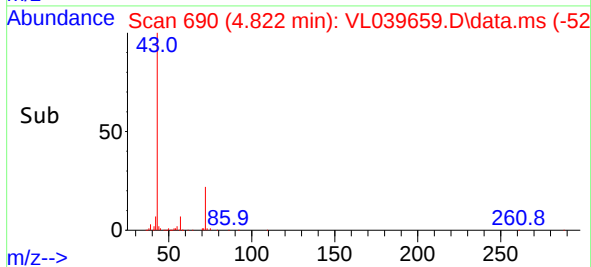
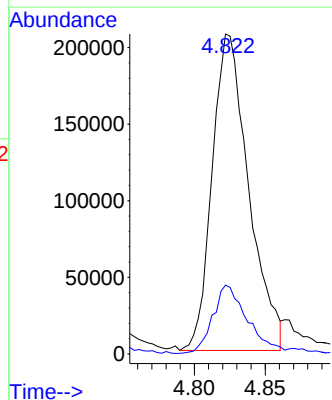
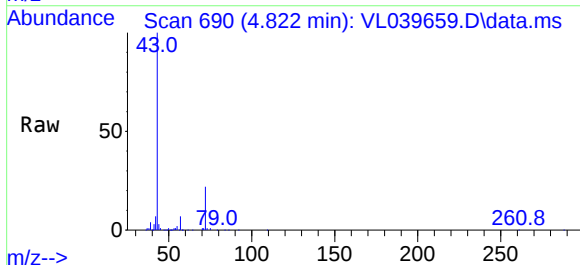
Instrument :
MSVOA_L
ClientSampleId :
C0PG2

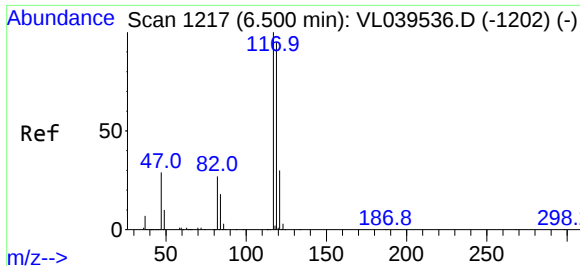
Tgt Ion:114 Resp: 2513066
Ion Ratio Lower Upper
114 100
63 25.1 20.2 30.4
88 18.1 14.5 21.7



#34
2-Butanone
Concen: 3.004 ppbv
RT: 4.822 min Scan# 690
Delta R.T. 0.020 min
Lab File: VL039659.D
Acq: 22 Sep 2022 6:53

Tgt Ion: 43 Resp: 370848
Ion Ratio Lower Upper
43 100
72 22.0 17.9 26.9

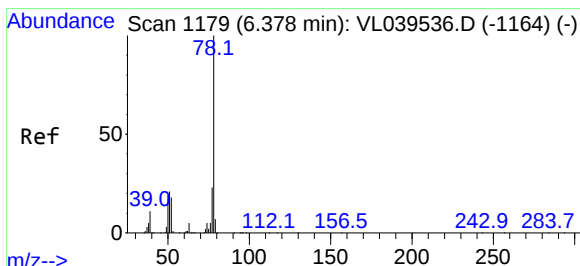
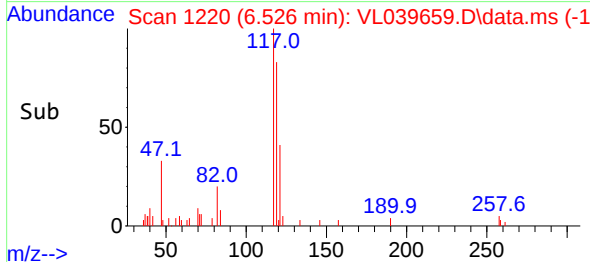
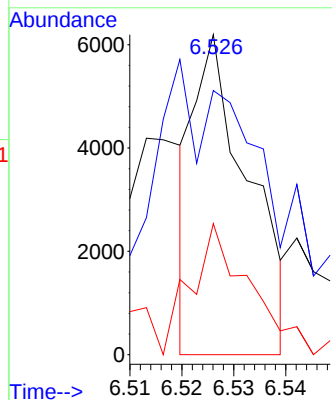
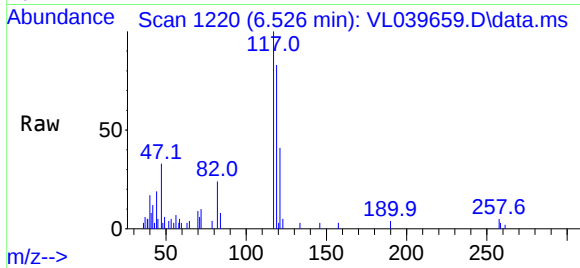




#35
Carbon Tetrachloride
Concen: 0.034 ppbv
RT: 6.526 min Scan# 117
Delta R.T. 0.026 min
Lab File: VL039659.D
Acq: 22 Sep 2022 6:53

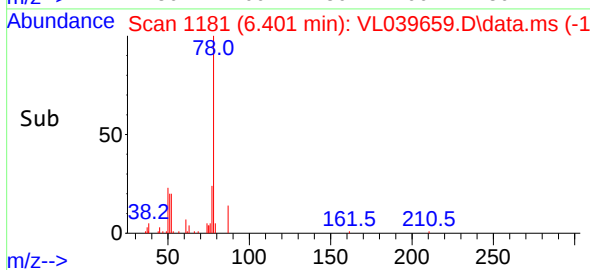
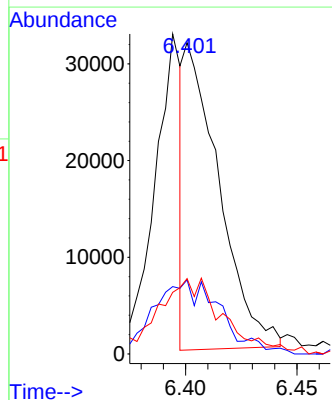
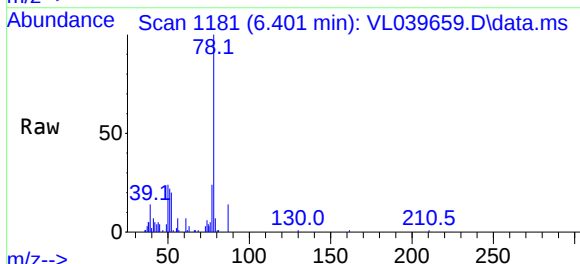
Instrument :
MSVOA_L
ClientSampleId :
C0PG2

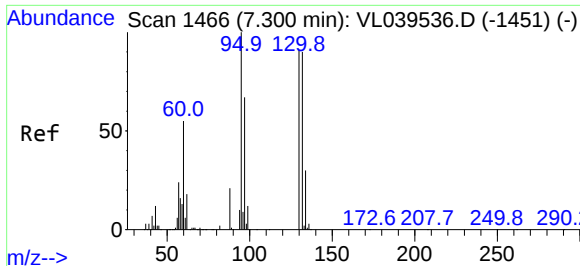
Tgt Ion:117 Resp: 4533
Ion Ratio Lower Upper
117 100
119 69.7 75.4 113.2#
121 47.5 24.2 36.2#



#36
Benzene
Concen: 0.179 ppbv
RT: 6.401 min Scan# 1181
Delta R.T. 0.023 min
Lab File: VL039659.D
Acq: 22 Sep 2022 6:53

Tgt Ion: 78 Resp: 34436
Ion Ratio Lower Upper
78 100
77 23.2 20.3 30.5
50 22.3 15.5 23.3



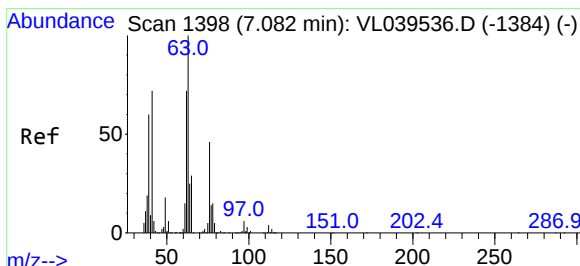
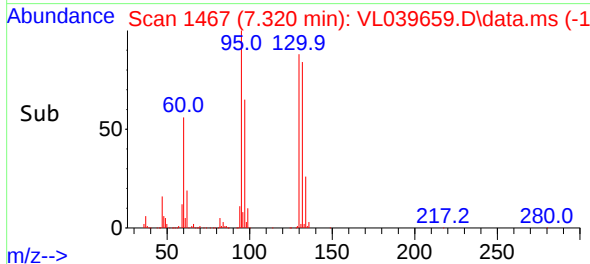
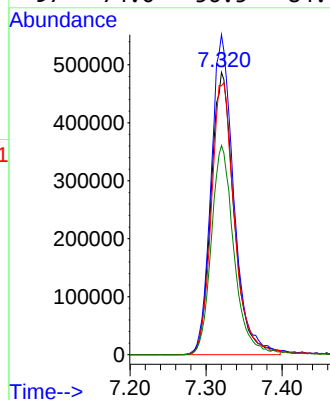
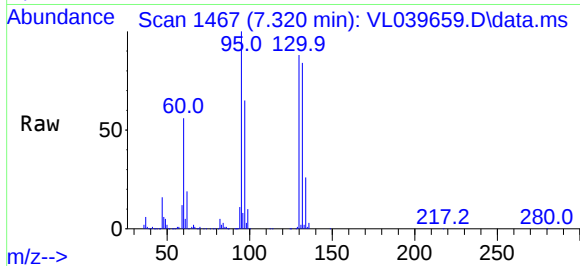


#38
Trichloroethene
Concen: 9.810 ppbv
RT: 7.320 min Scan# 14
Delta R.T. 0.020 min
Lab File: VL039659.D
Acq: 22 Sep 2022 6:53

Instrument :
MSVOA_L
ClientSampleId :
C0PG2

Tgt Ion:130 Resp: 1018611

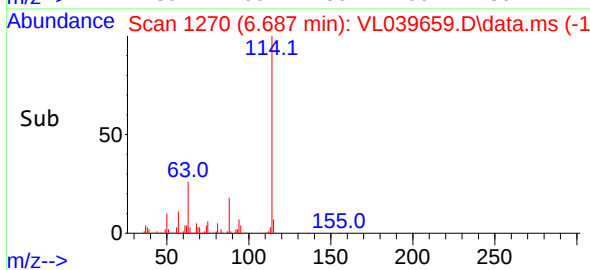
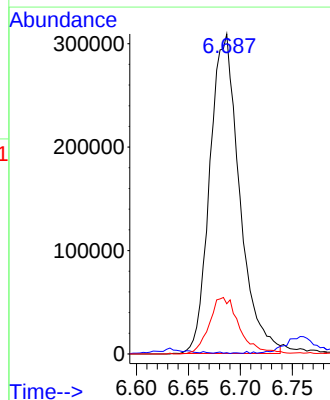
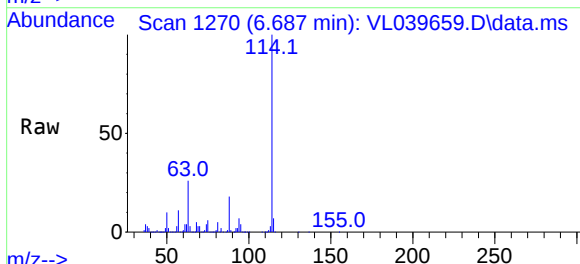
Ion	Ratio	Lower	Upper
130	100		
95	113.2	87.3	130.9
132	95.2	76.7	115.1
97	74.0	56.5	84.7

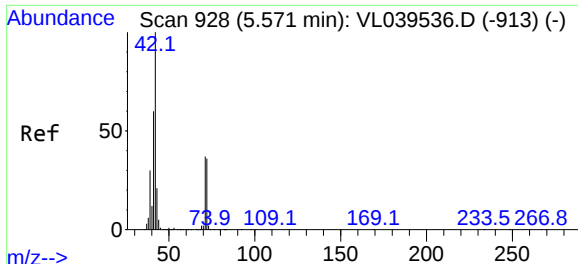


#39
1,2-Dichloropropane
Concen: 8.256 ppbv
RT: 6.687 min Scan# 1270
Delta R.T. -0.395 min
Lab File: VL039659.D
Acq: 22 Sep 2022 6:53

Tgt Ion: 63 Resp: 612547

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.6	89.4#
62	15.7	51.4	77.0#

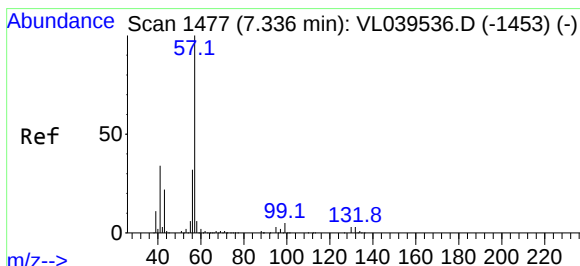
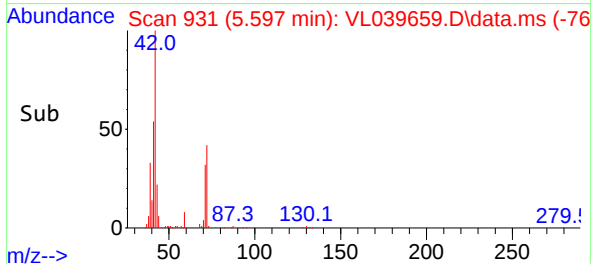
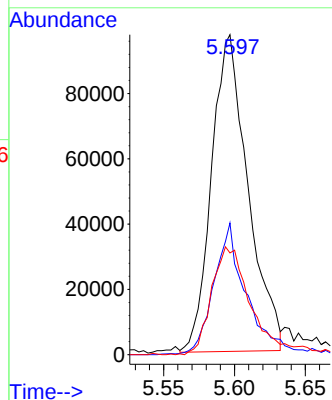
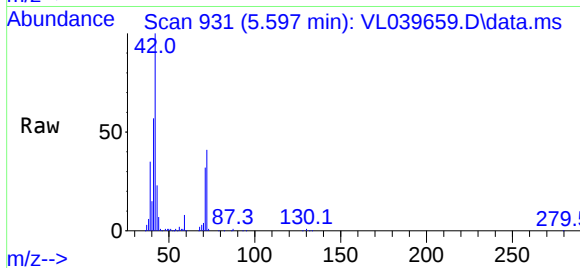




#41
Tetrahydrofuran
Concen: 2.296 ppbv
RT: 5.597 min Scan# 91
Delta R.T. 0.026 min
Lab File: VL039659.D
Acq: 22 Sep 2022 6:53

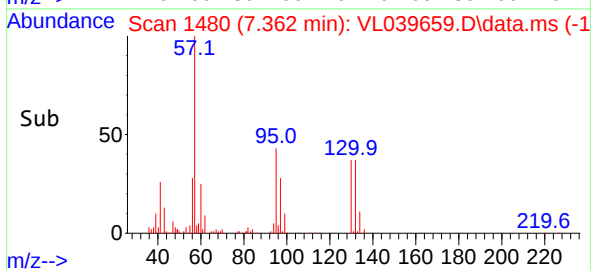
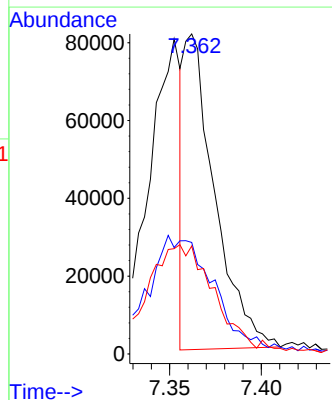
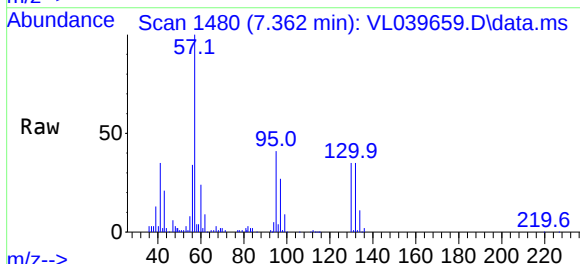
Instrument :
MSVOA_L
ClientSampleId :
C0PG2

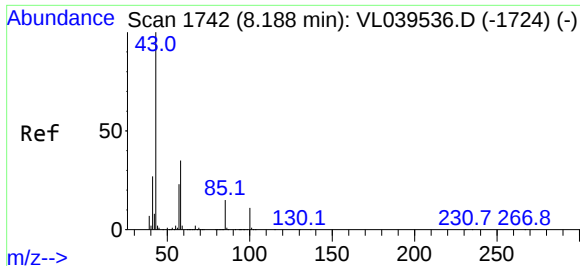
Tgt Ion: 42 Resp: 173880
Ion Ratio Lower Upper
42 100
72 38.4 31.8 47.8
71 38.3 31.8 47.8



#44
2,2,4-Trimethylpentane
Concen: 0.286 ppbv
RT: 7.362 min Scan# 1480
Delta R.T. 0.026 min
Lab File: VL039659.D
Acq: 22 Sep 2022 6:53

Tgt Ion: 57 Resp: 94587
Ion Ratio Lower Upper
57 100
41 0.0 27.4 41.2#
56 0.0 24.5 36.7#

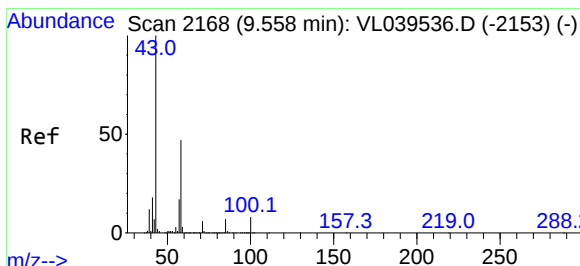
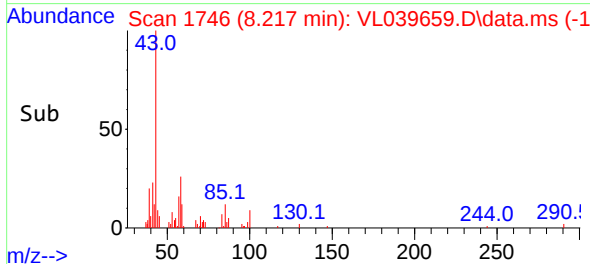
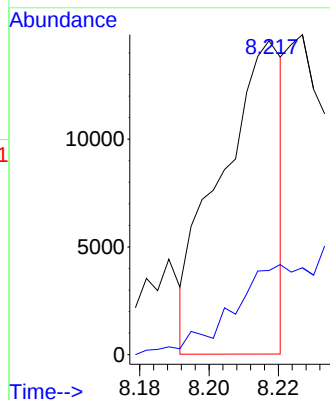
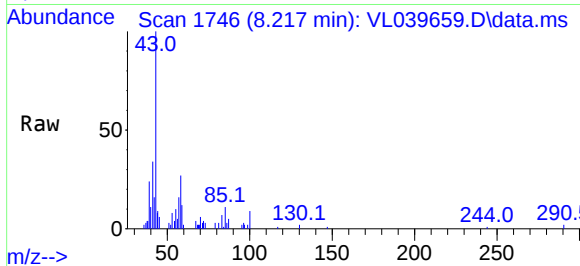




#50
4-Methyl-2-Pentanone
Concen: 0.092 ppbv
RT: 8.217 min Scan# 11
Delta R.T. 0.030 min
Lab File: VL039659.D
Acq: 22 Sep 2022 6:53

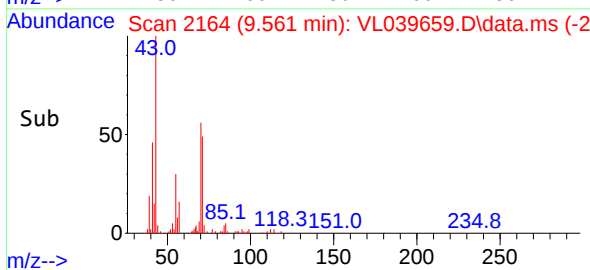
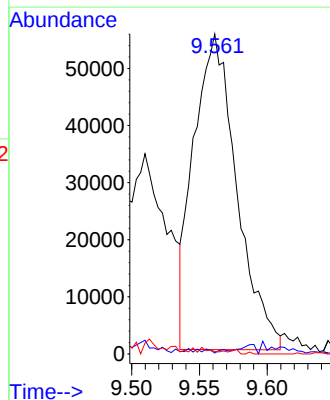
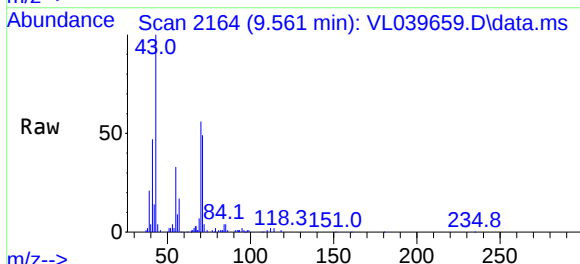
Instrument :
MSVOA_L
ClientSampleId :
C0PG2

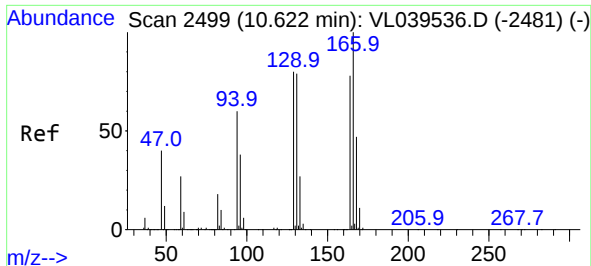
Tgt Ion: 43 Resp: 17864
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#



#51
2-Hexanone
Concen: 0.850 ppbv
RT: 9.561 min Scan# 2164
Delta R.T. 0.004 min
Lab File: VL039659.D
Acq: 22 Sep 2022 6:53

Tgt Ion: 43 Resp: 122108
Ion Ratio Lower Upper
43 100
58 3.3 38.4 57.6#
98 0.0 0.3 0.5#

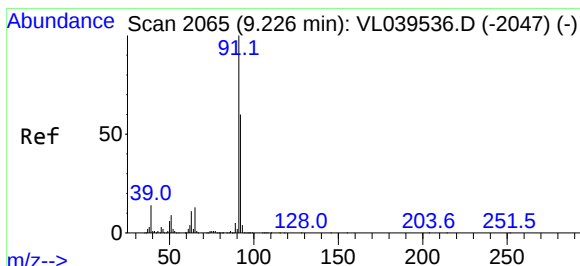
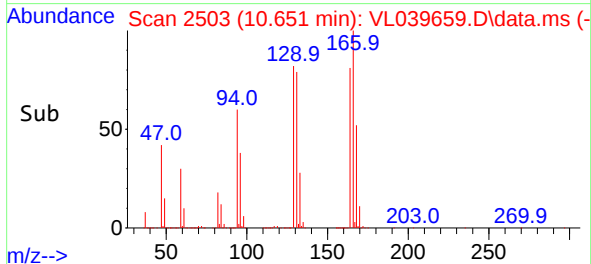
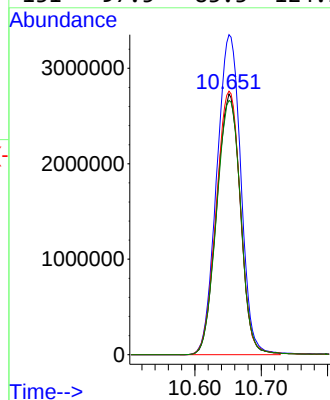
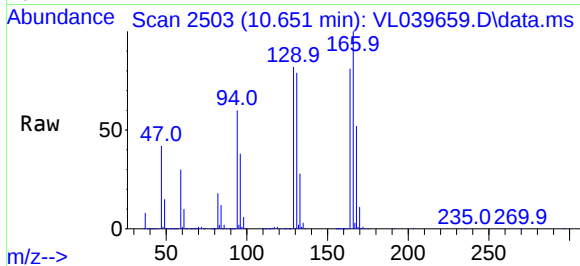




#52
Tetrachloroethene
Concen: 92.501 ppbv
RT: 10.651 min Scan# 21
Delta R.T. 0.030 min
Lab File: VL039659.D
Acq: 22 Sep 2022 6:53

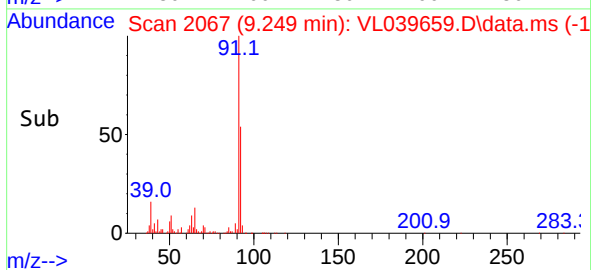
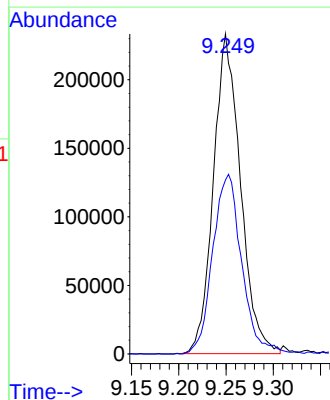
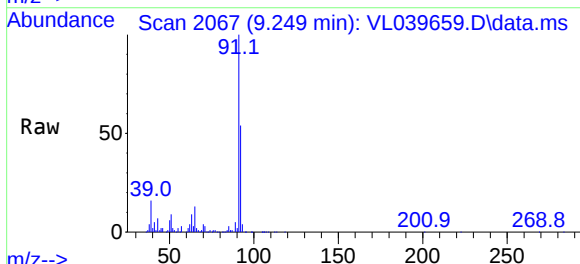
Instrument :
MSVOA_L
ClientSampleId :
C0PG2

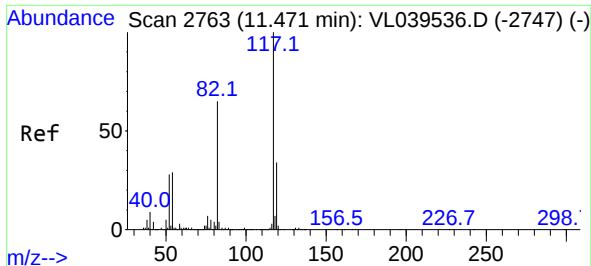
Tgt Ion:164 Resp: 6780304
Ion Ratio Lower Upper
164 100
166 122.7 102.2 153.2
129 101.1 85.8 128.8
131 97.5 83.3 124.9



#53
Toluene
Concen: 2.171 ppbv
RT: 9.249 min Scan# 2067
Delta R.T. 0.023 min
Lab File: VL039659.D
Acq: 22 Sep 2022 6:53

Tgt Ion: 91 Resp: 463863
Ion Ratio Lower Upper
91 100
92 60.7 48.2 72.2

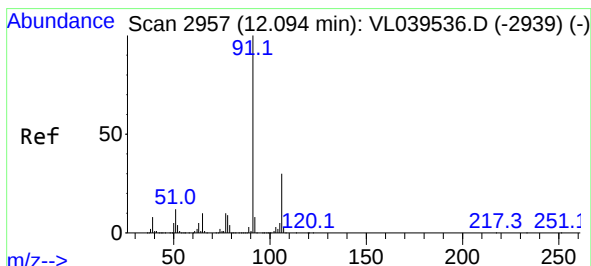
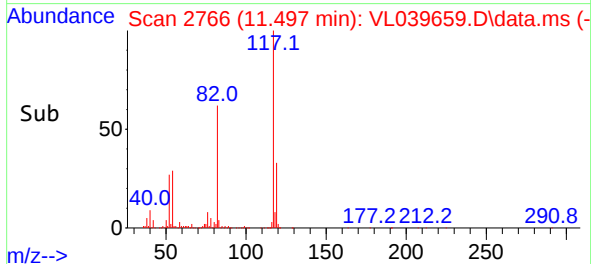
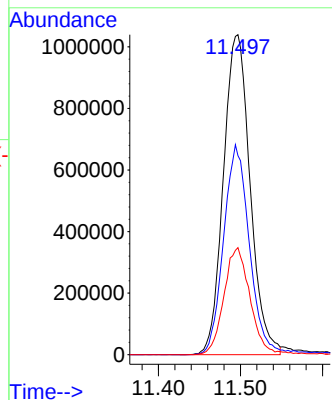
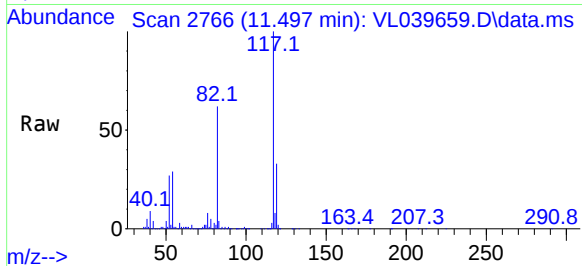




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.497 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL039659.D
Acq: 22 Sep 2022 6:53

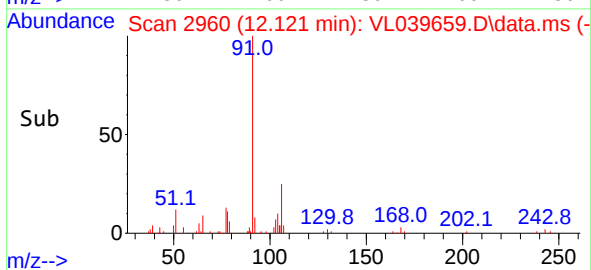
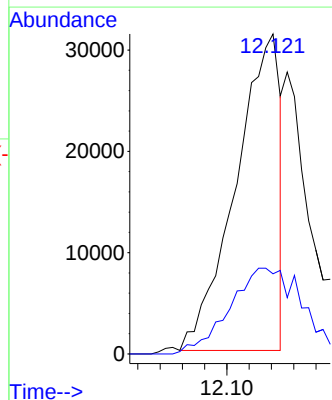
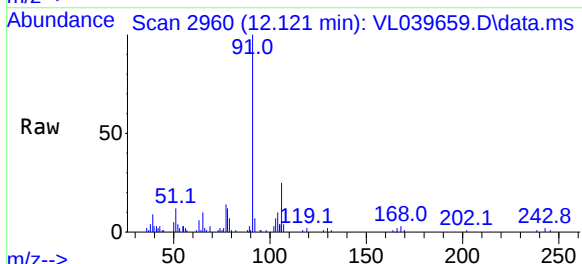
Instrument :
MSVOA_L
ClientSampleId :
C0PG2

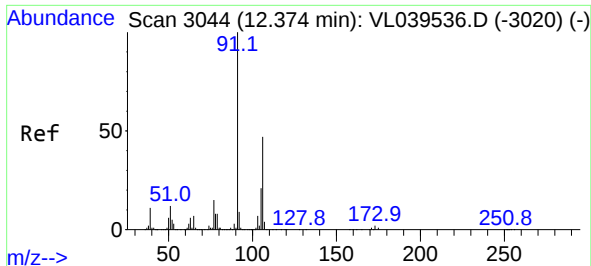
Tgt Ion:117 Resp: 2356776
Ion Ratio Lower Upper
117 100
82 64.7 50.8 76.2
119 33.3 24.1 36.1



#58
Ethyl Benzene
Concen: 0.159 ppbv
RT: 12.121 min Scan# 2960
Delta R.T. 0.026 min
Lab File: VL039659.D
Acq: 22 Sep 2022 6:53

Tgt Ion: 91 Resp: 43252
Ion Ratio Lower Upper
91 100
106 24.5 25.4 38.0#





#59

m/p-Xylene

Concen: 0.244 ppbv

RT: 12.400 min Scan# 3044

Delta R.T. 0.026 min

Lab File: VL039659.D

Acq: 22 Sep 2022 6:53

Instrument :

MSVOA_L

ClientSampleId :

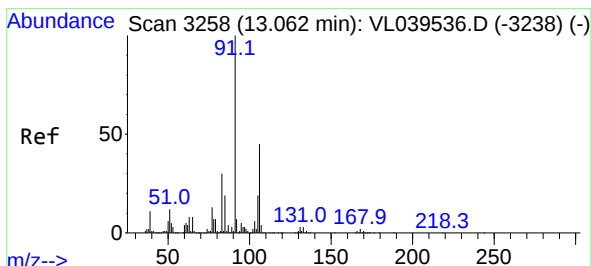
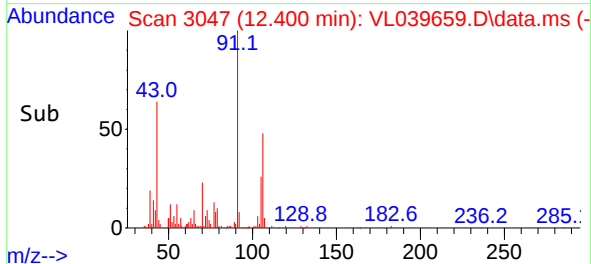
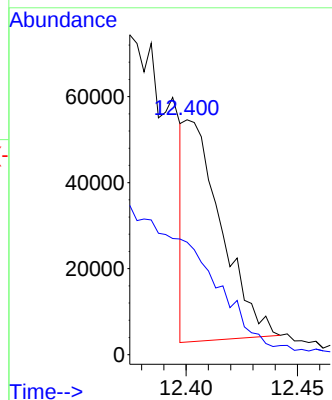
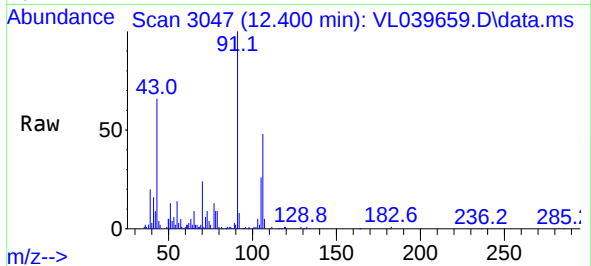
C0PG2

Tgt Ion: 91 Resp: 58893

Ion Ratio Lower Upper

91 100

106 0.0 35.4 53.2#



#60

o-Xylene

Concen: 0.218 ppbv

RT: 13.085 min Scan# 3260

Delta R.T. 0.023 min

Lab File: VL039659.D

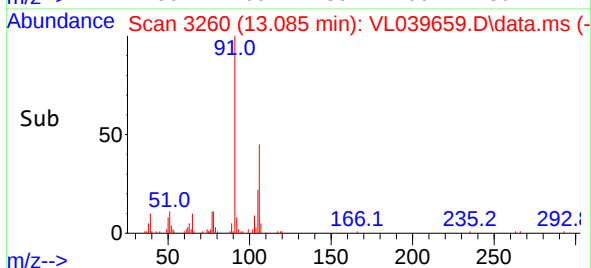
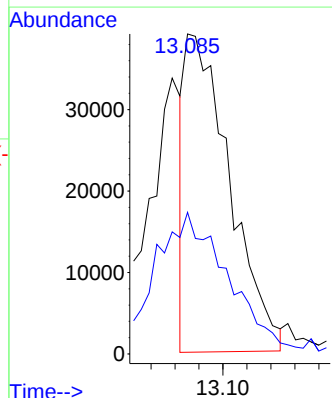
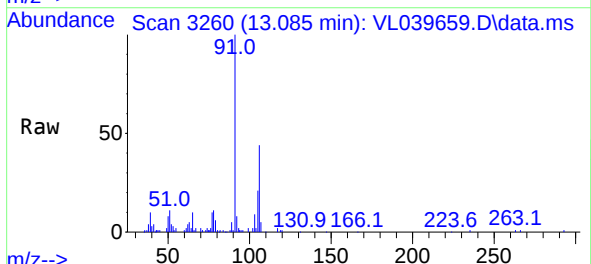
Acq: 22 Sep 2022 6:53

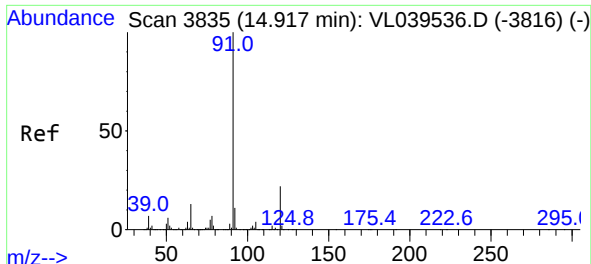
Tgt Ion: 91 Resp: 50363

Ion Ratio Lower Upper

91 100

106 77.4 22.4 67.3#

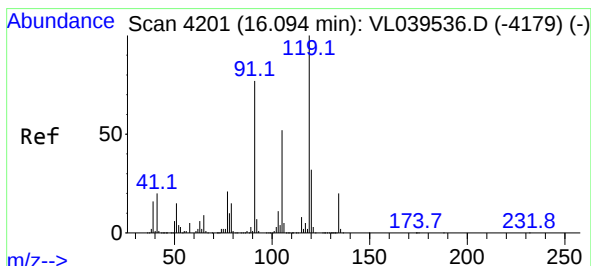
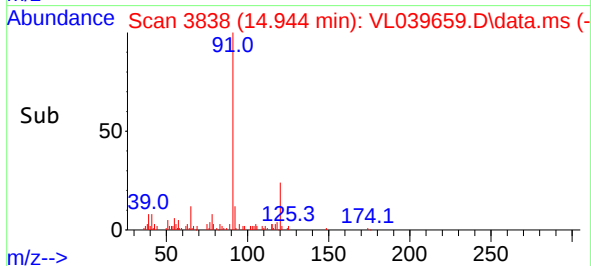
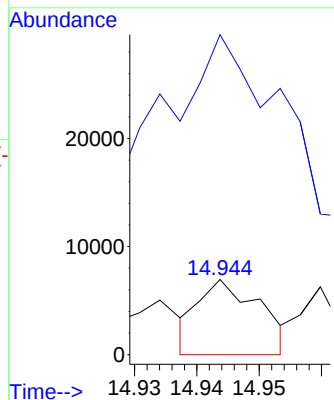
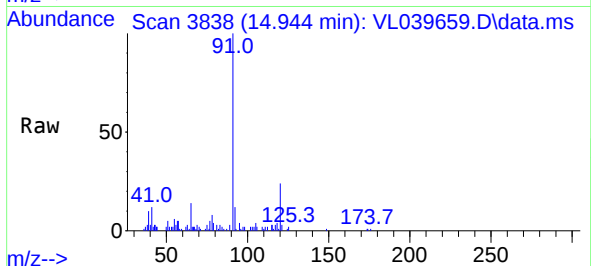




#64
n-propylbenzene
Concen: 0.053 ppbv
RT: 14.944 min Scan# 3838
Delta R.T. 0.026 min
Lab File: VL039659.D
Acq: 22 Sep 2022 6:53

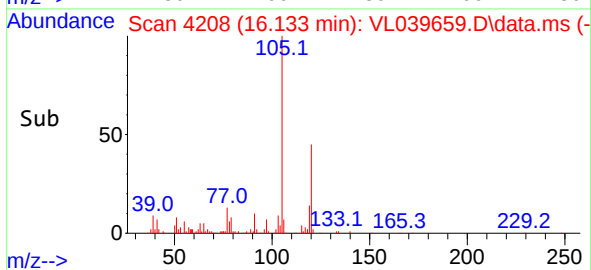
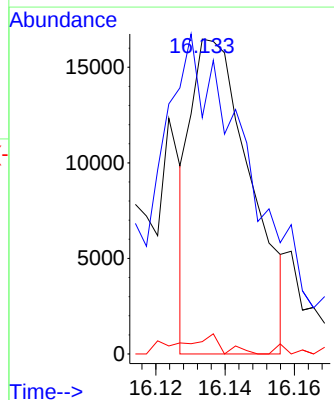
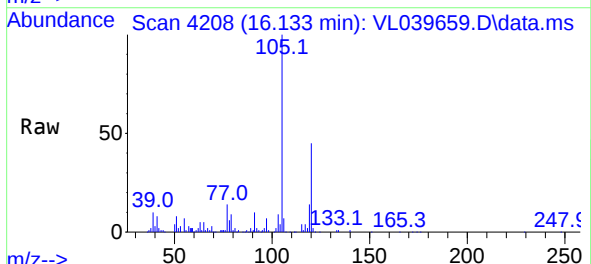
Instrument :
MSVOA_L
ClientSampleId :
C0PG2

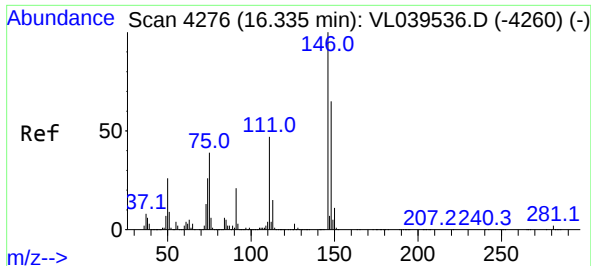
Tgt Ion:120 Resp: 4756
Ion Ratio Lower Upper
120 100
91 1455.7 367.2 550.8#



#65
tert-Butylbenzene
Concen: 0.064 ppbv
RT: 16.133 min Scan# 4208
Delta R.T. 0.039 min
Lab File: VL039659.D
Acq: 22 Sep 2022 6:53

Tgt Ion:119 Resp: 19711
Ion Ratio Lower Upper
119 100
91 185.5 63.4 95.2#
134 5.6 15.9 23.9#

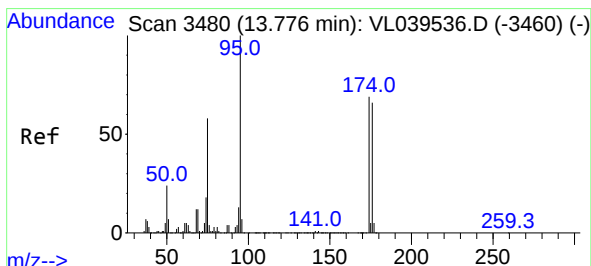
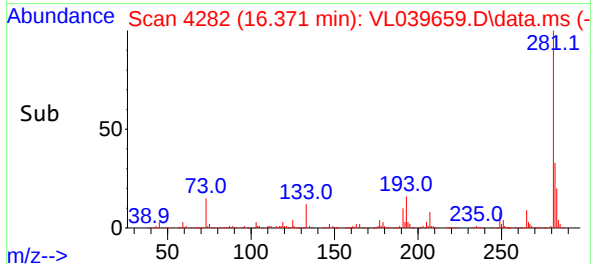
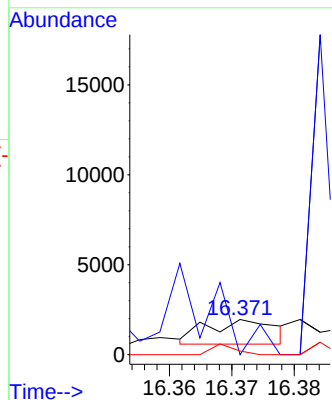
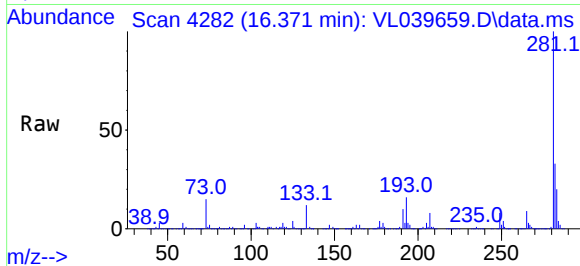




#66
Benzyl Chloride
Concen: 0.043 ppbv
RT: 16.371 min Scan# 41
Delta R.T. 0.036 min
Lab File: VL039659.D
Acq: 22 Sep 2022 6:53

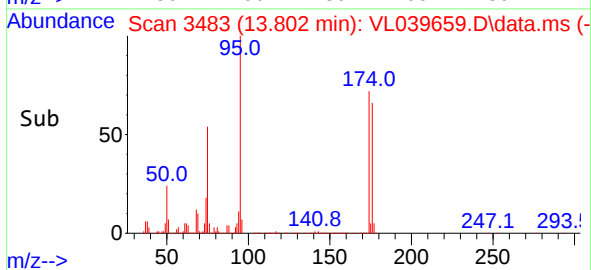
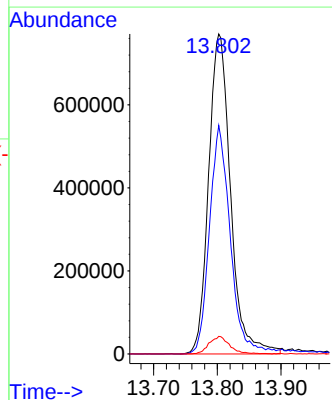
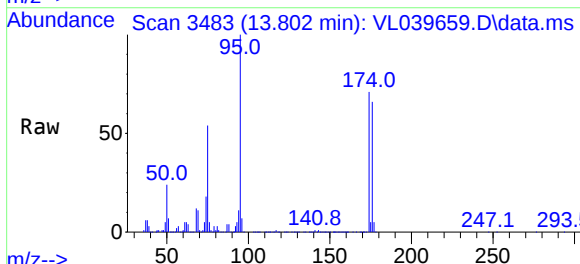
Instrument :
MSVOA_1
ClientSampleId :
C0PG2

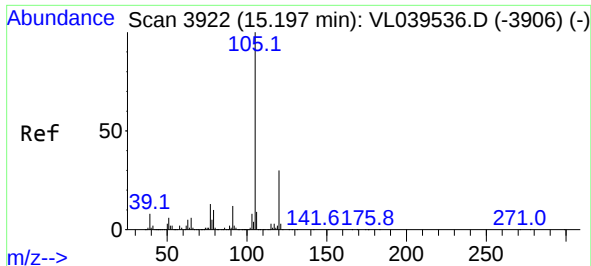
Tgt Ion: 91 Resp: 1044
Ion Ratio Lower Upper
91 100
126 0.0 13.1 19.7#
128 0.0 4.4 6.6#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.487 ppbv
RT: 13.802 min Scan# 3483
Delta R.T. 0.026 min
Lab File: VL039659.D
Acq: 22 Sep 2022 6:53

Tgt Ion: 95 Resp: 1845028
Ion Ratio Lower Upper
95 100
174 70.1 55.9 83.9
175 5.2 4.2 6.4

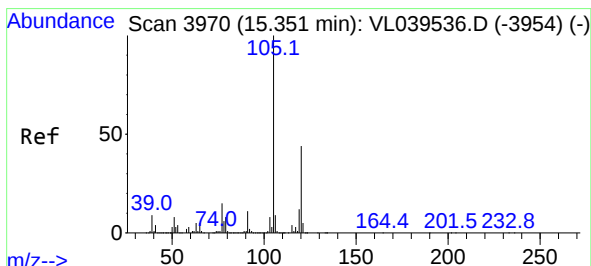
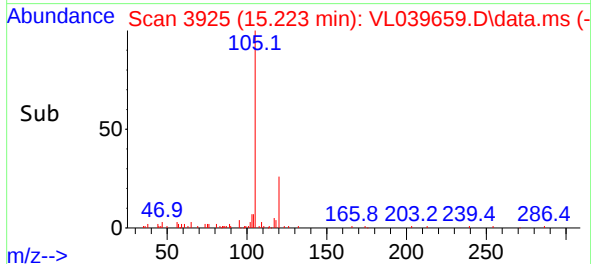
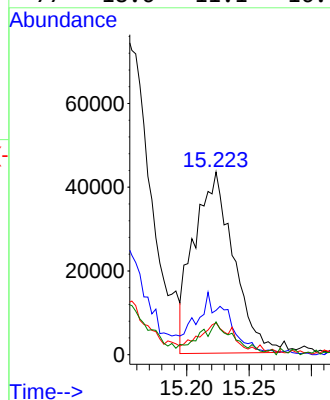
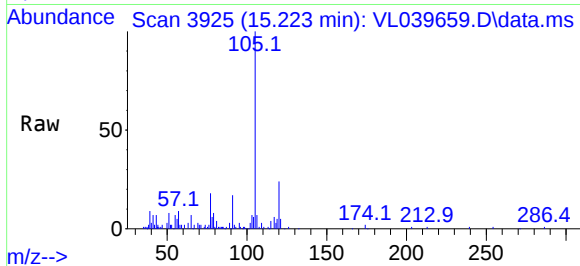




#72
4-Ethyltoluene
Concen: 0.362 ppbv
RT: 15.223 min Scan# 3925
Delta R.T. 0.026 min
Lab File: VL039659.D
Acq: 22 Sep 2022 6:53

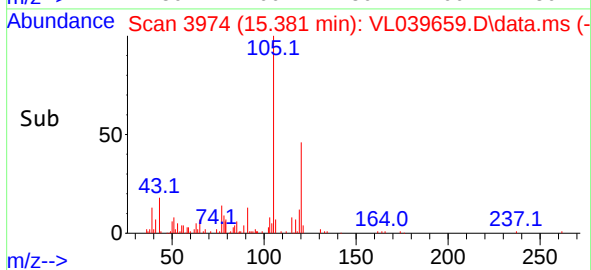
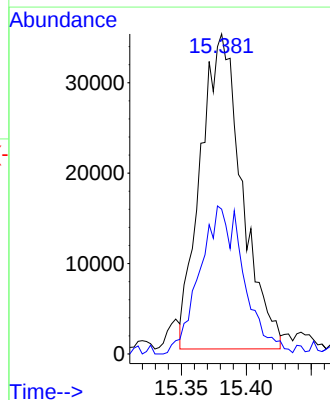
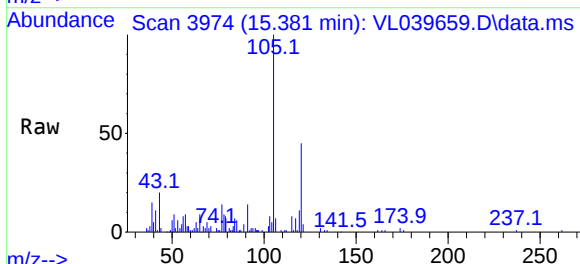
Instrument :
MSVOA_L
ClientSampleId :
C0PG2

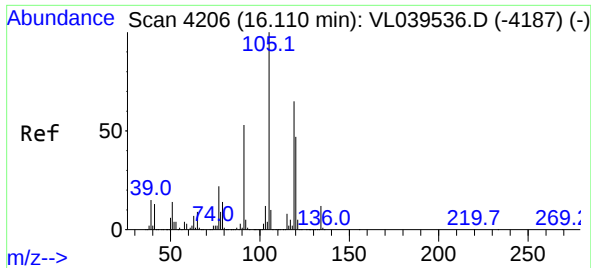
Tgt Ion:	105	Resp:	95355
Ion	Ratio	Lower	Upper
105	100		
120	30.3	24.2	36.2
91	15.2	10.2	15.4
77	18.6	11.1	16.7



#73
1,3,5-Trimethylbenzene
Concen: 0.320 ppbv
RT: 15.381 min Scan# 3974
Delta R.T. 0.030 min
Lab File: VL039659.D
Acq: 22 Sep 2022 6:53

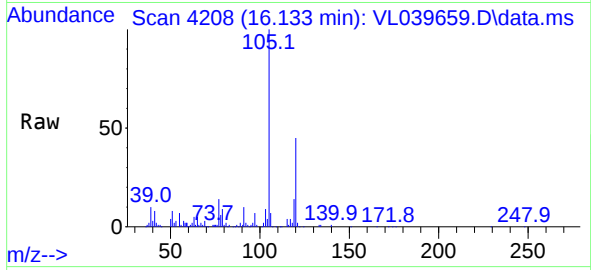
Tgt Ion:	105	Resp:	77239
Ion	Ratio	Lower	Upper
105	100		
120	43.7	38.2	57.4





#74
 1,2,4-Trimethylbenzene
 Concen: 1.001 ppbv
 RT: 16.133 min Scan# 41
 Delta R.T. 0.023 min
 Lab File: VL039659.D
 Acq: 22 Sep 2022 6:53

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PG2



Tgt Ion:	105	Resp:	270784
Ion	Ratio	Lower	Upper
105	100		
120	45.3	39.5	59.3
91	9.9	39.2	58.8#
77	13.2	17.2	25.8#

