

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031623\
 Data File : VL040296.D
 Acq On : 16 Mar 2023 15:04
 Operator : SY/MD
 Sample : 01933-04 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-4

Quant Time: Mar 17 04:14:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1040071	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2781301	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2567615	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	2084305	9.694	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.732	85	36220	0.177	ppbv	97
3) Chlorodifluoromethane	2.678	51	20881	0.160	ppbv	92
4) Chloromethane	2.813	50	4337	0.054	ppbv #	87
9) Propene	2.706	41	75776	1.512	ppbv #	59
10) Heptane	7.584	43	50016	0.415	ppbv	94
11) Trichlorofluoromethane	3.562	101	18034	0.098	ppbv	96
13) Ethanol	3.237	45	1321751	359.688	ppbv	99
15) Acetone	3.468	43	975351	7.703	ppbv	99
16) 1,3-Butadiene	2.970	39	5830	0.101	ppbv #	7
17) tert-Butyl alcohol	3.890	59	8495	0.071	ppbv #	72
19) Isopropyl Alcohol	3.581	45	132643	2.187	ppbv #	1
20) Methylene Chloride	3.931	84	312969	5.875	ppbv	94
23) Vinyl Acetate	4.613	43	67354	1.912	ppbv #	26
25) Ethyl Acetate	5.208	43	316793	1.336	ppbv #	96
26) Hexane	5.214	57	228018	2.343	ppbv #	64
27) Carbon Disulfide	4.517	76	60569	0.446	ppbv #	65
28) Methyl tert-Butyl Ether	4.587	73	9147	0.082	ppbv #	80
30) Cyclohexane	6.610	84	4547	0.059	ppbv #	1
31) cis-1,2-Dichloroethene	5.205	61	22598	0.238	ppbv #	29
34) 2-Butanone	4.787	43	454646	3.312	ppbv	99
36) Benzene	6.372	78	56188	0.265	ppbv #	92
39) 1,2-Dichloropropane	6.655	63	672707	8.089	ppbv #	24
41) Tetrahydrofuran	5.562	42	113507	1.433	ppbv	99
44) 2,2,4-Trimethylpentane	7.330	57	692732	1.960	ppbv	92
50) 4-Methyl-2-Pentanone	8.195	43	100597	0.474	ppbv	98
52) Tetrachloroethene	10.616	164	24829	0.387	ppbv	90
53) Toluene	9.221	91	1381085	6.218	ppbv	98
58) Ethyl Benzene	12.089	91	299187	1.023	ppbv	98
59) m/p-Xylene	12.349	91	1918130	7.162	ppbv	95
60) o-Xylene	13.063	91	892337	3.485	ppbv	99
61) Styrene	12.905	104	27396	0.211	ppbv	88
62) Isopropylbenzene	14.031	105	37501	0.103	ppbv #	56
64) n-propylbenzene	14.925	120	48113	0.539	ppbv	74
65) tert-Butylbenzene	16.114	119	53261	0.170	ppbv #	1
66) Benzyl Chloride	16.555	91	13714	0.672	ppbv #	92
67) sec-Butylbenzene	16.645	105	19999	0.045	ppbv #	68
70) n-Butylbenzene	17.896	91	47582	0.123	ppbv #	33
72) 4-Ethyltoluene	15.198	105	323766	1.157	ppbv	99
73) 1,3,5-Trimethylbenzene	15.352	105	142361	0.561	ppbv	95
74) 1,2,4-Trimethylbenzene	16.111	105	1149979	3.977	ppbv #	72
79) Naphthalene	21.394	128	111284	0.651	ppbv #	95

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Wed Mar 15 16:14:43 2023
Response via : Initial Calibration

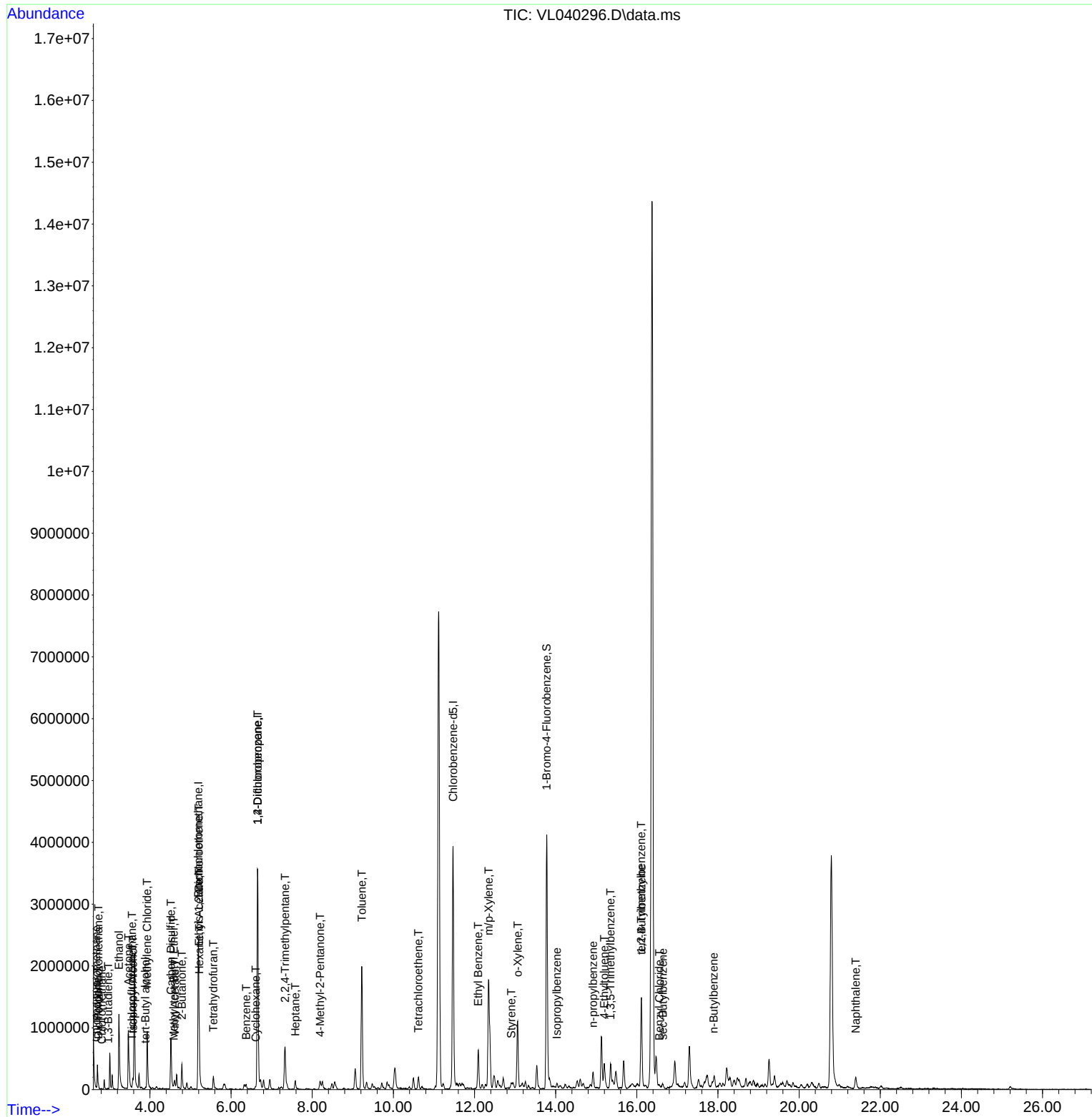
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

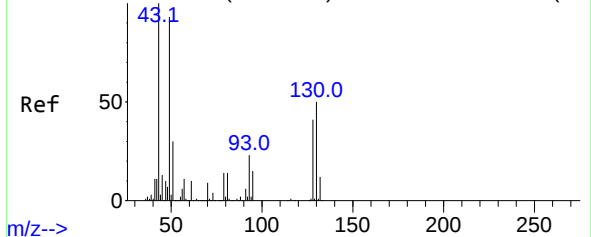
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Abundance Scan 804 (5.189 min): VL040279.D\data.ms (-78)



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.192 min Scan# 80

Delta R.T. 0.003 min

Lab File: VL040296.D

Acq: 16 Mar 2023 15:04

Instrument :

MSVOA_L

ClientSampleId :

SSSG-4

Tgt Ion: 49 Resp: 1040071

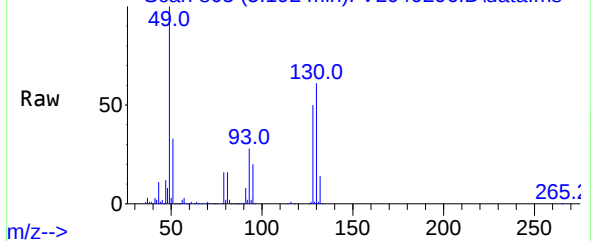
Ion Ratio Lower Upper

49 100

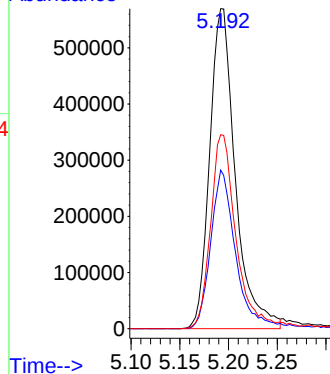
128 49.8 22.4 67.3

130 62.1 28.7 86.1

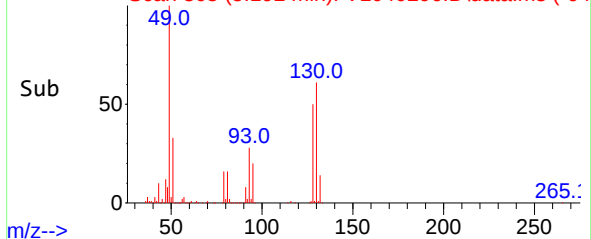
Abundance Scan 805 (5.192 min): VL040296.D\data.ms



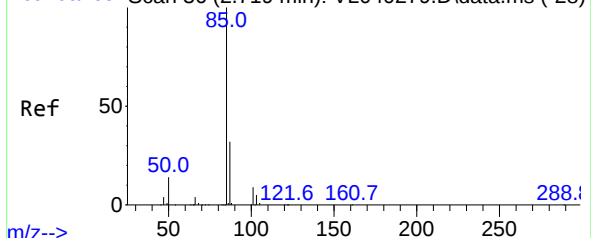
Abundance



Abundance Scan 805 (5.192 min): VL040296.D\data.ms (-64)



Abundance Scan 36 (2.719 min): VL040279.D\data.ms (-28)



#2

Dichlorodifluoromethane

Concen: 0.177 ppbv

RT: 2.732 min Scan# 40

Delta R.T. 0.013 min

Lab File: VL040296.D

Acq: 16 Mar 2023 15:04

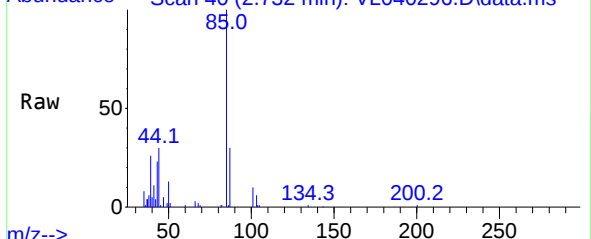
Tgt Ion: 85 Resp: 36220

Ion Ratio Lower Upper

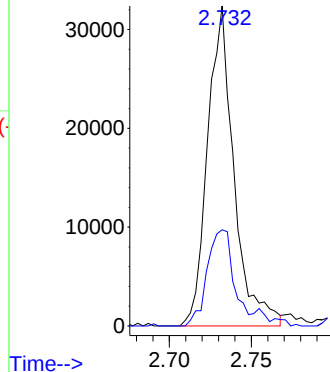
85 100

87 30.1 25.5 38.3

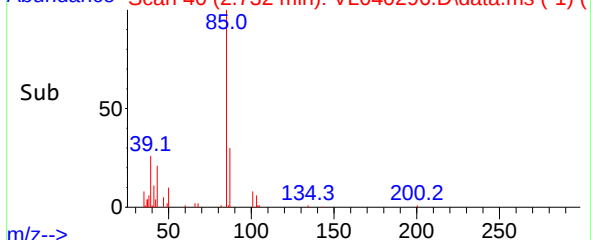
Abundance Scan 40 (2.732 min): VL040296.D\data.ms

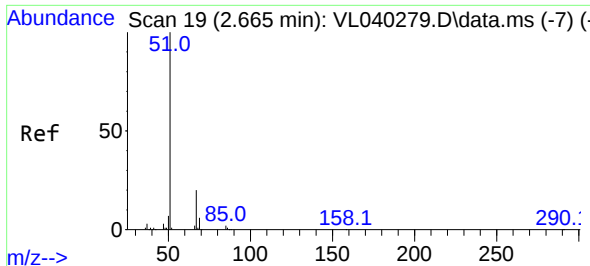


Abundance



Abundance Scan 40 (2.732 min): VL040296.D\data.ms (-1)

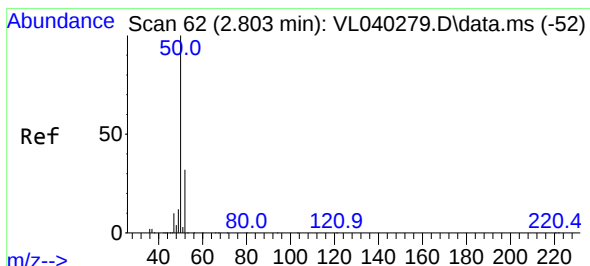
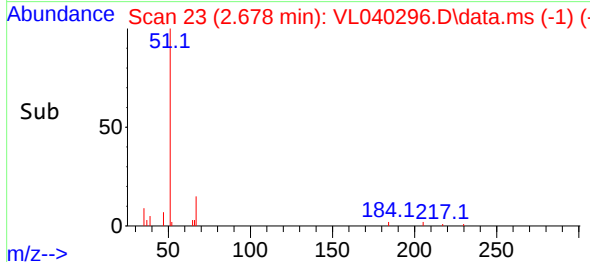
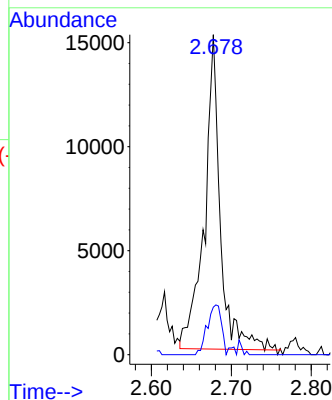
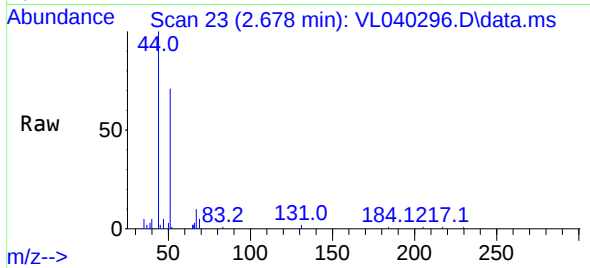




#3
Chlorodifluoromethane
Concen: 0.160 ppbv
RT: 2.678 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

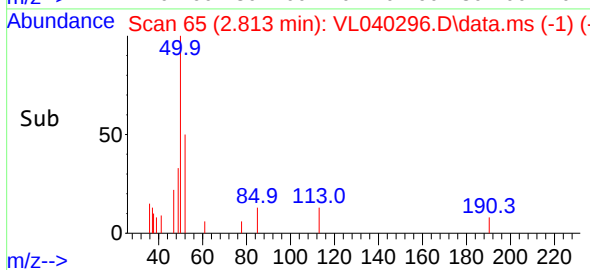
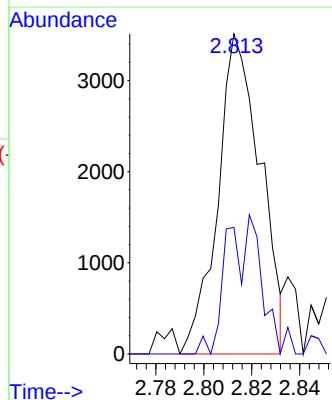
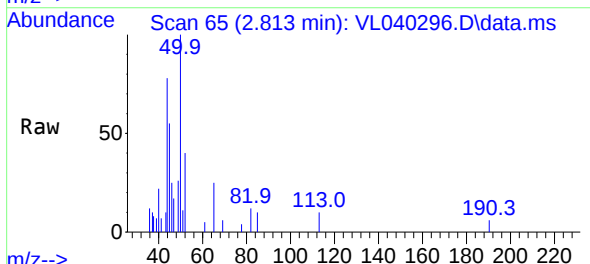
Instrument :
MSVOA_L
ClientSampleId :
SSSG-4

Tgt Ion: 51 Resp: 20881
Ion Ratio Lower Upper
51 100
67 16.2 16.0 24.0

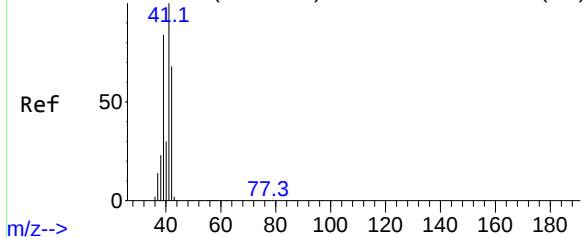


#4
Chloromethane
Concen: 0.054 ppbv
RT: 2.813 min Scan# 65
Delta R.T. 0.010 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

Tgt Ion: 50 Resp: 4337
Ion Ratio Lower Upper
50 100
52 39.5 25.9 38.9#



Abundance Scan 25 (2.684 min): VL040279.D\data.ms (-15)



#9

Propene

Concen: 1.512 ppbv

RT: 2.706 min Scan# 31

Delta R.T. 0.022 min

Lab File: VL040296.D

Acq: 16 Mar 2023 15:04

Instrument :

MSVOA_L

ClientSampleId :

SSSG-4

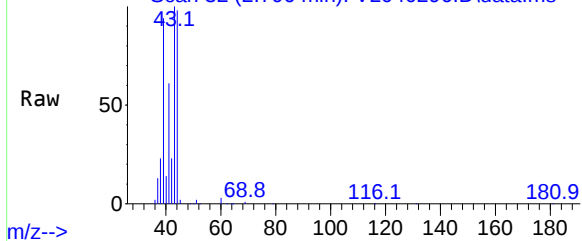
Tgt Ion: 41 Resp: 75776

Ion Ratio Lower Upper

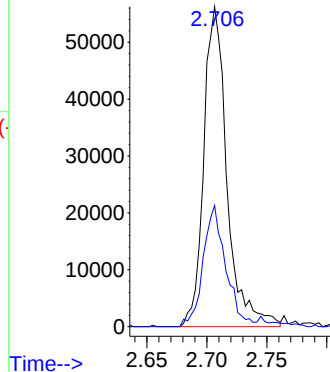
41 100

42 39.2 59.0 88.4#

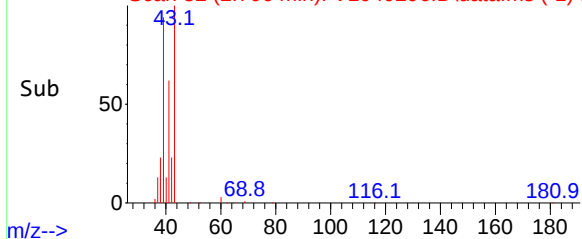
Abundance Scan 32 (2.706 min): VL040296.D\data.ms



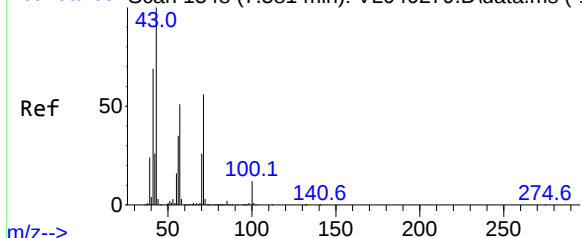
Abundance



Abundance Scan 32 (2.706 min): VL040296.D\data.ms (-1)



Abundance Scan 1548 (7.581 min): VL040279.D\data.ms (-1)



#10

Heptane

Concen: 0.415 ppbv

RT: 7.584 min Scan# 1549

Delta R.T. 0.003 min

Lab File: VL040296.D

Acq: 16 Mar 2023 15:04

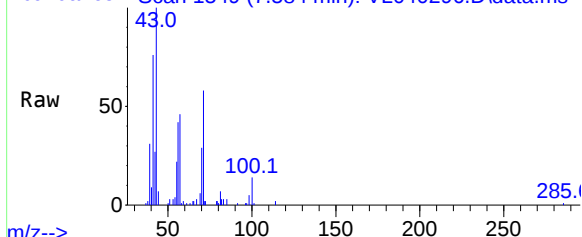
Tgt Ion: 43 Resp: 50016

Ion Ratio Lower Upper

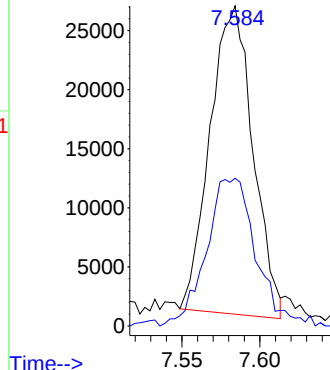
43 100

57 56.4 41.7 62.5

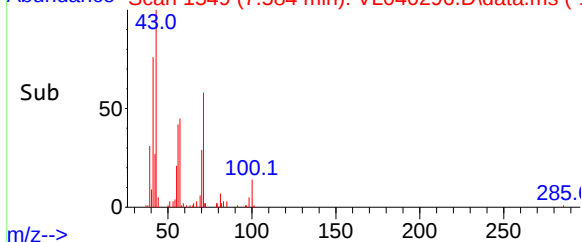
Abundance Scan 1549 (7.584 min): VL040296.D\data.ms

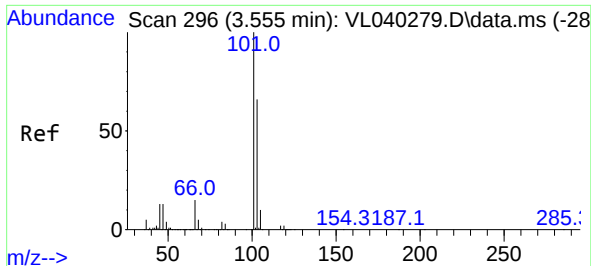


Abundance



Abundance Scan 1549 (7.584 min): VL040296.D\data.ms (-1)

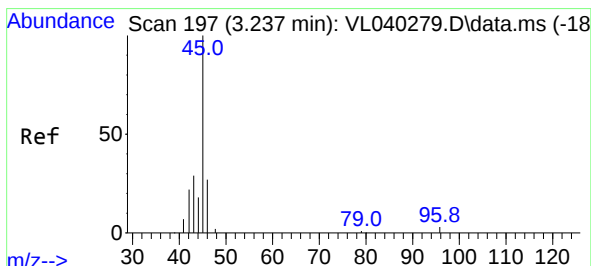
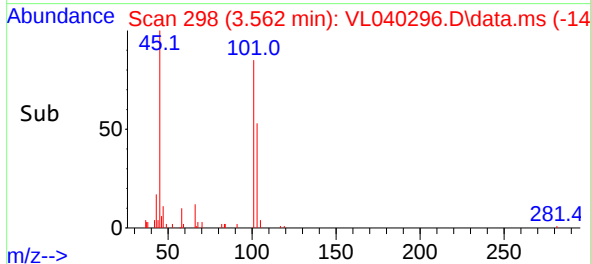
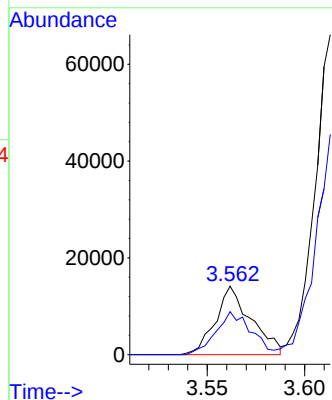
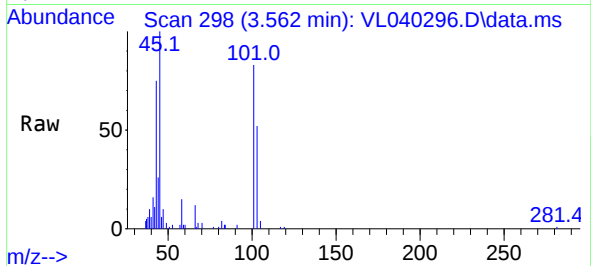




#11
Trichlorofluoromethane
Concen: 0.098 ppbv
RT: 3.562 min Scan# 296
Delta R.T. 0.007 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

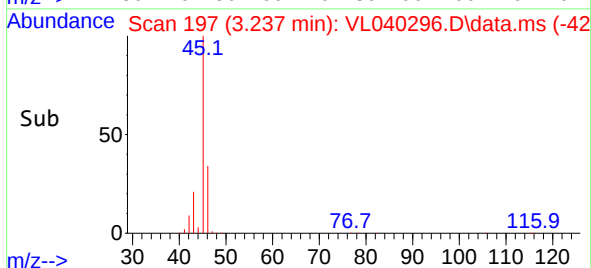
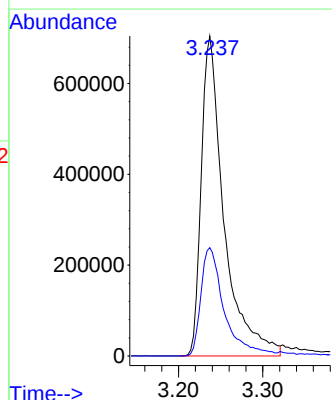
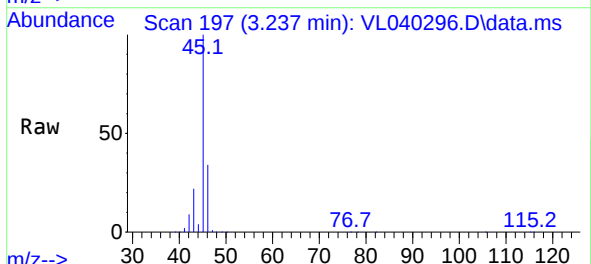
Instrument :
MSVOA_L
ClientSampleId :
SSSG-4

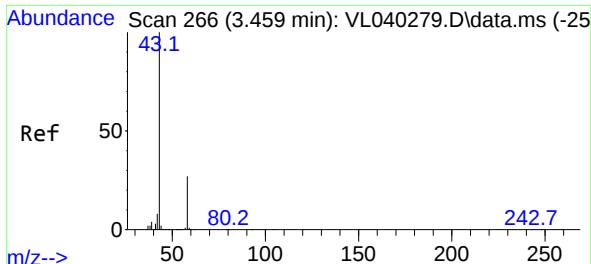
Tgt Ion:101 Resp: 18034
Ion Ratio Lower Upper
101 100
103 62.9 53.1 79.7



#13
Ethanol
Concen: 359.688 ppbv
RT: 3.237 min Scan# 197
Delta R.T. -0.000 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

Tgt Ion: 45 Resp: 1321751
Ion Ratio Lower Upper
45 100
46 36.8 15.0 60.2

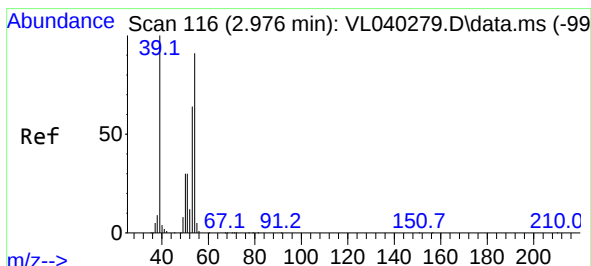
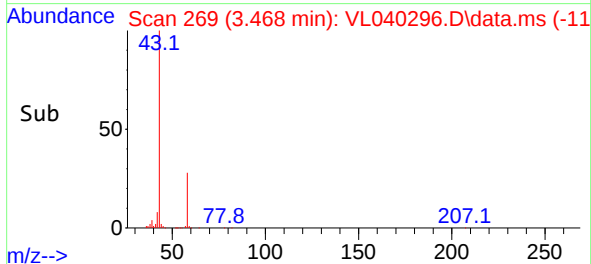
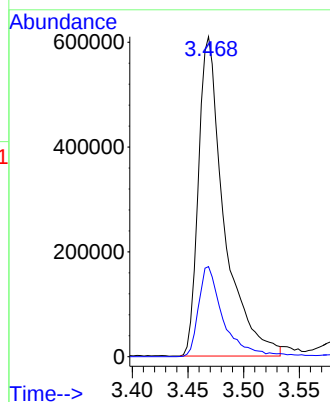
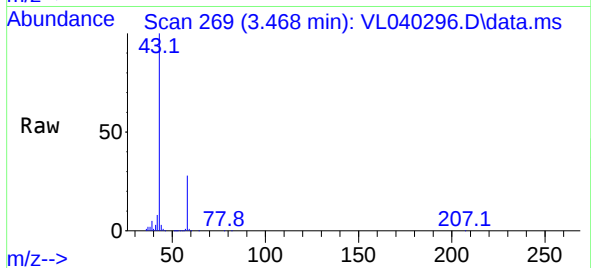




#15
Acetone
Concen: 7.703 ppbv
RT: 3.468 min Scan# 20
Delta R.T. 0.009 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

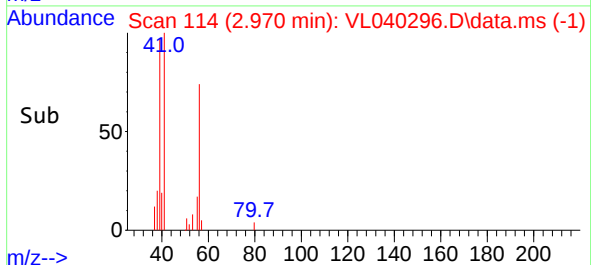
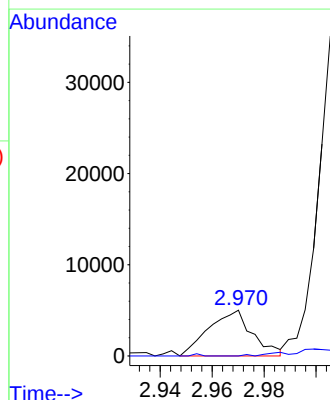
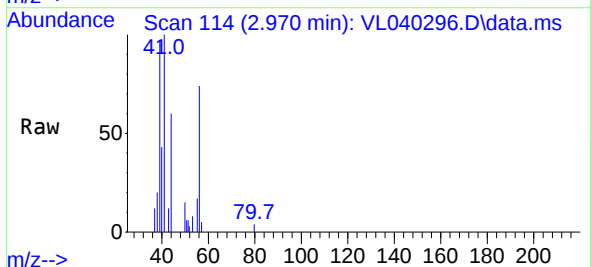
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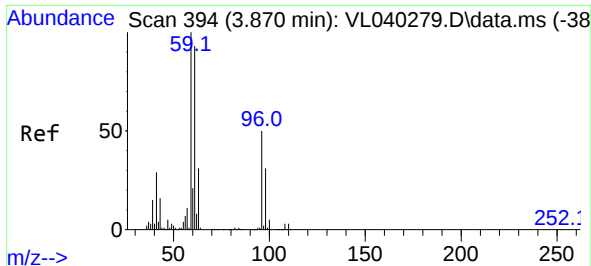
Tgt Ion: 43 Resp: 975351
Ion Ratio Lower Upper
43 100
58 27.6 21.8 32.8



#16
1,3-Butadiene
Concen: 0.101 ppbv
RT: 2.970 min Scan# 114
Delta R.T. -0.006 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

Tgt Ion: 39 Resp: 5830
Ion Ratio Lower Upper
39 100
54 0.0 68.4 102.6#

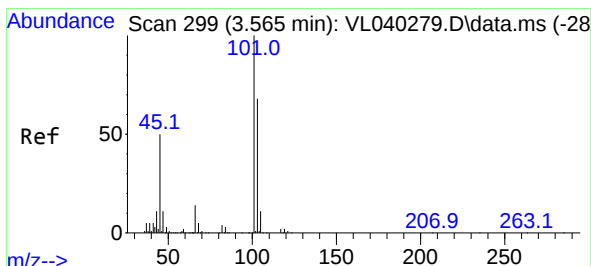
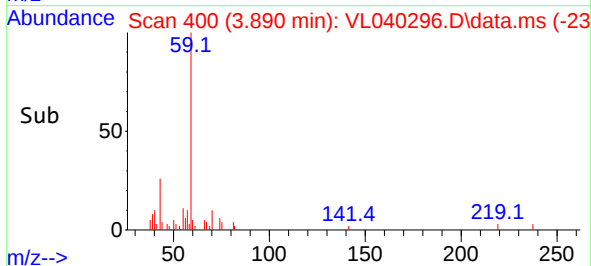
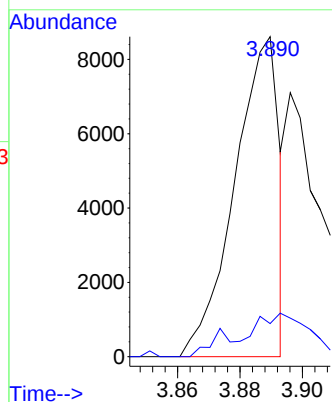
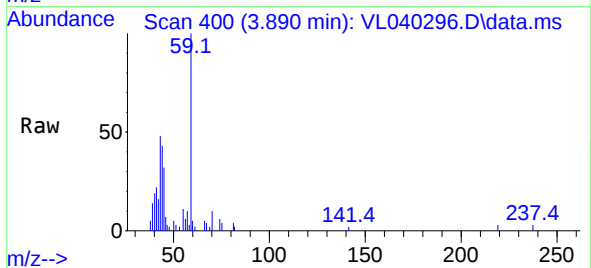




#17
tert-Butyl alcohol
Concen: 0.071 ppbv
RT: 3.890 min Scan# 400
Delta R.T. 0.020 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

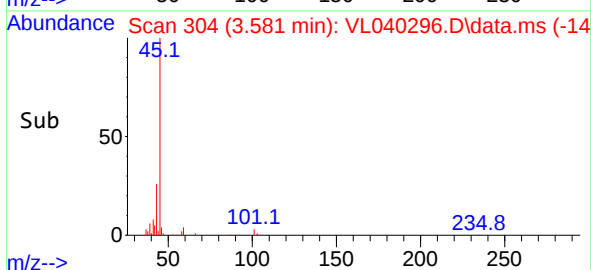
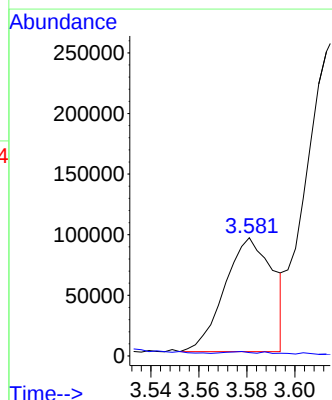
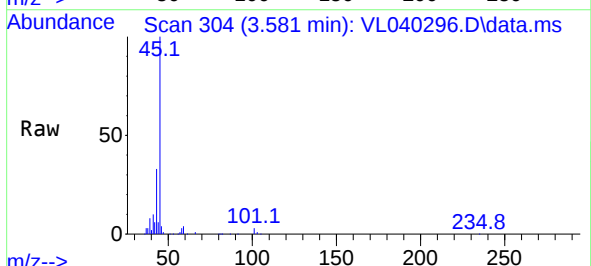
Instrument :
MSVOA_1
ClientSampleId :
SSSG-4

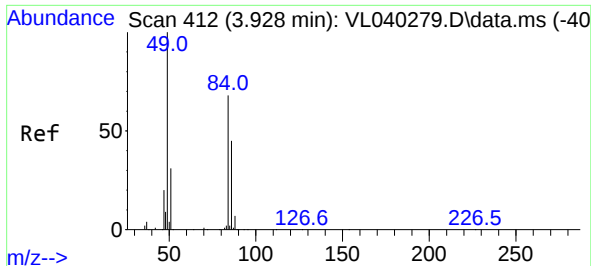
Tgt Ion: 59 Resp: 8495
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#19
Isopropyl Alcohol
Concen: 2.187 ppbv
RT: 3.581 min Scan# 304
Delta R.T. 0.016 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

Tgt Ion: 45 Resp: 132643
Ion Ratio Lower Upper
45 100
58 203.1 2.7 4.1#



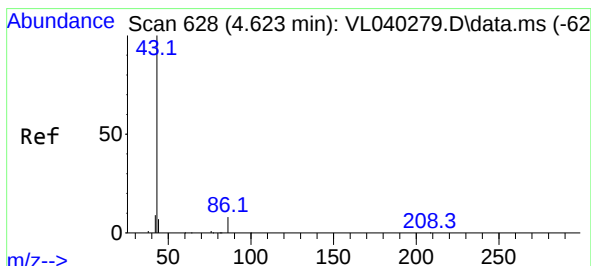
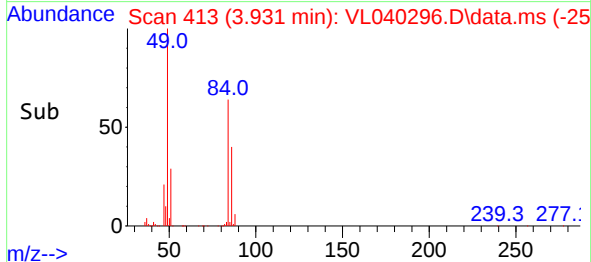
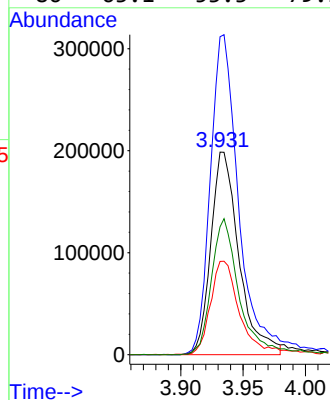
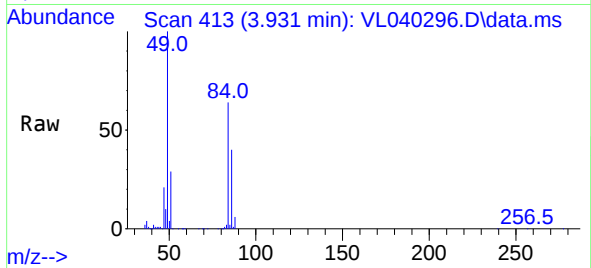


#20
Methylene Chloride
Concen: 5.875 ppbv
RT: 3.931 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

Instrument :
MSVOA_L
ClientSampleId :
SSSG-4

Tgt Ion: 84 Resp: 312969

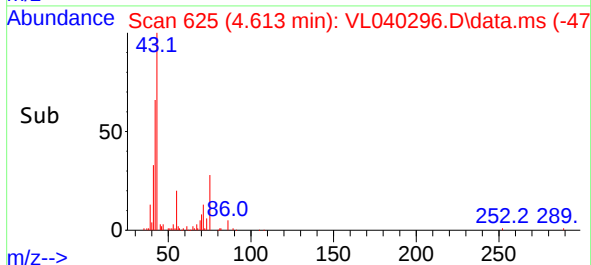
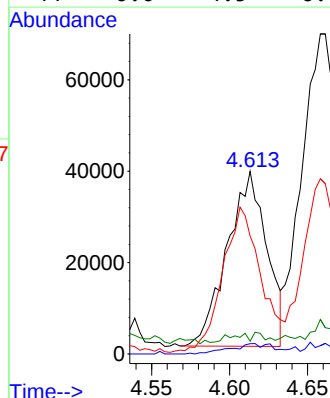
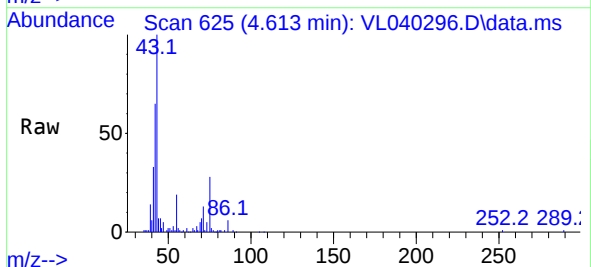
Ion	Ratio	Lower	Upper
84	100		
49	156.9	117.5	176.3
51	45.8	36.9	55.3
86	63.1	53.3	79.9

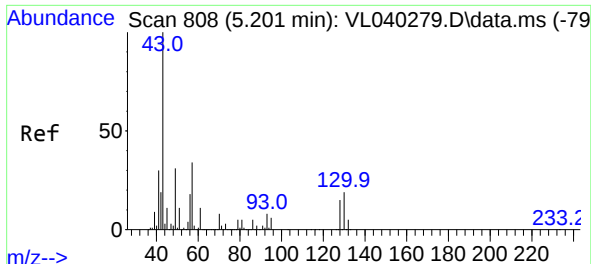


#23
Vinyl Acetate
Concen: 1.912 ppbv
RT: 4.613 min Scan# 625
Delta R.T. -0.010 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

Tgt Ion: 43 Resp: 67354

Ion	Ratio	Lower	Upper
43	100		
86	5.9	5.0	7.4
42	65.4	9.1	13.7#
44	0.0	4.5	6.7#



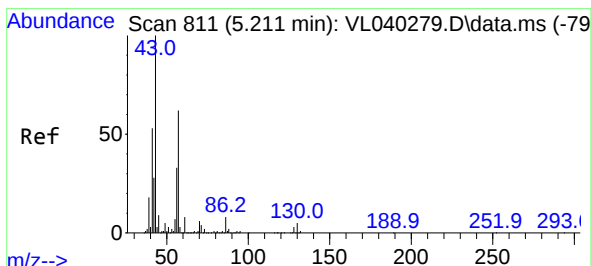
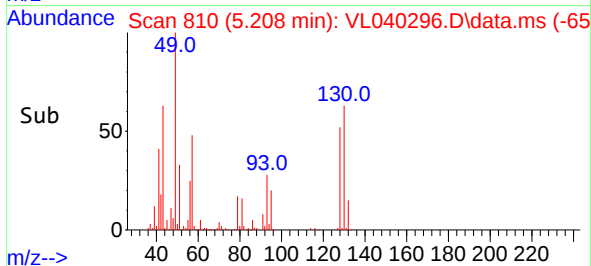
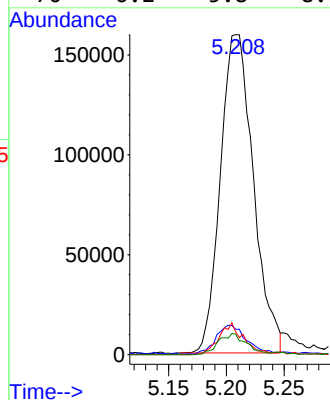
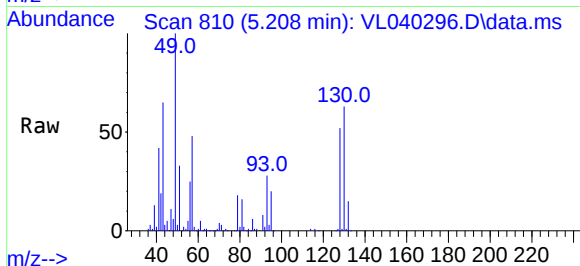


#25
Ethyl Acetate
Concen: 1.336 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.007 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

Instrument :
MSVOA_L
ClientSampleId :
SSSG-4

Tgt Ion: 43 Resp: 316793

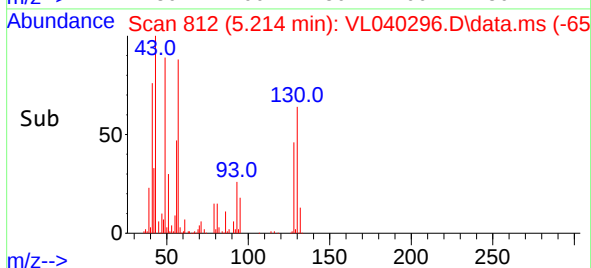
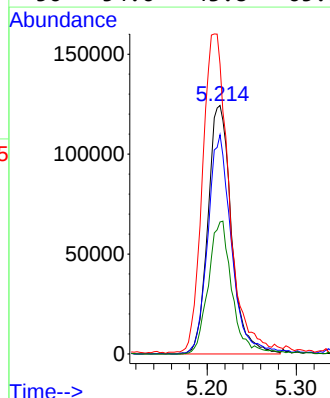
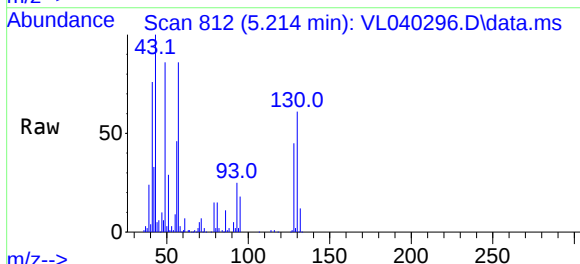
Ion	Ratio	Lower	Upper
43	100		
45	9.5	8.6	12.8
61	8.0	8.4	12.6
70	6.2	5.8	8.6

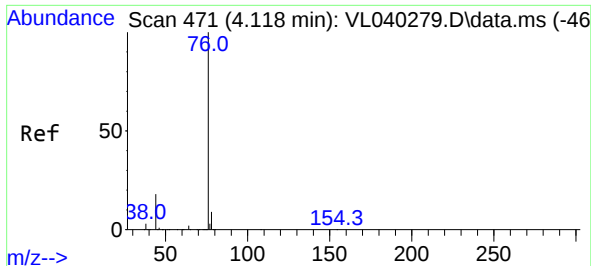


#26
Hexane
Concen: 2.343 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

Tgt Ion: 57 Resp: 228018

Ion	Ratio	Lower	Upper
57	100		
41	89.8	73.5	110.3
43	146.7	196.3	294.5
56	54.6	43.8	65.8

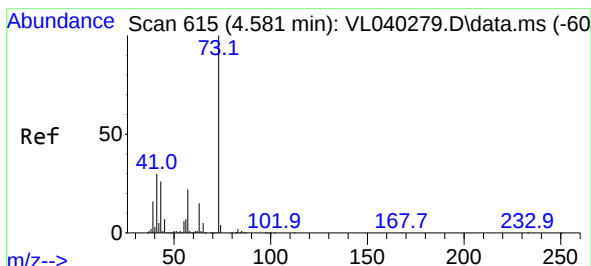
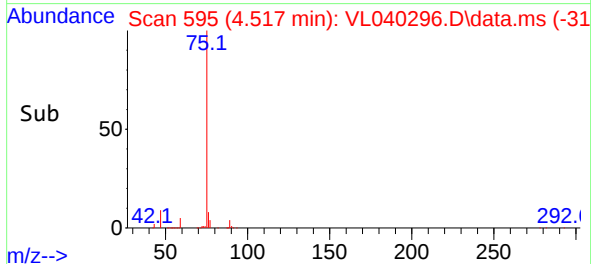
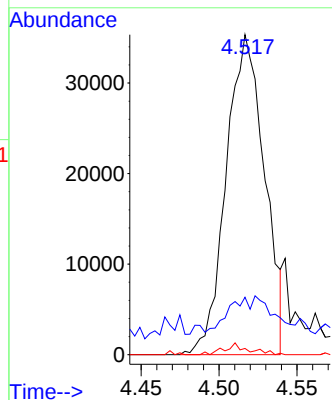
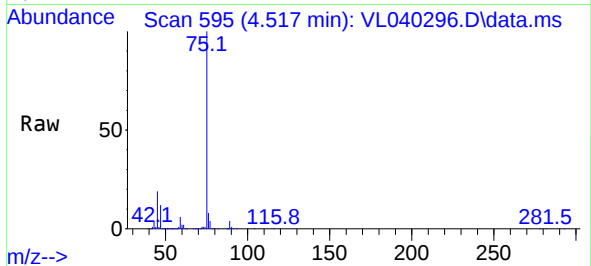




#27
Carbon Disulfide
Concen: 0.446 ppbv
RT: 4.517 min Scan# 51
Delta R.T. 0.399 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

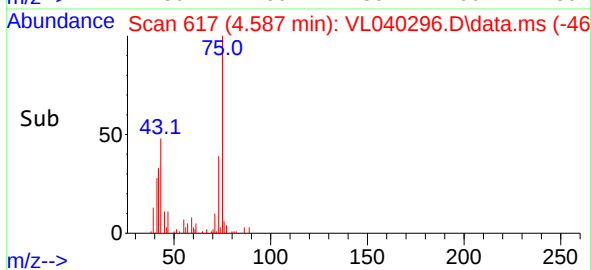
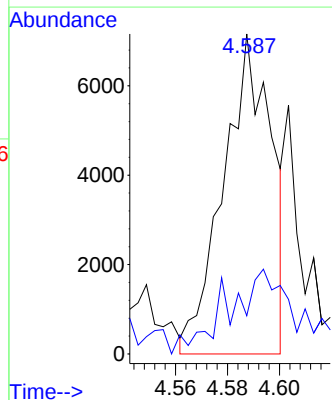
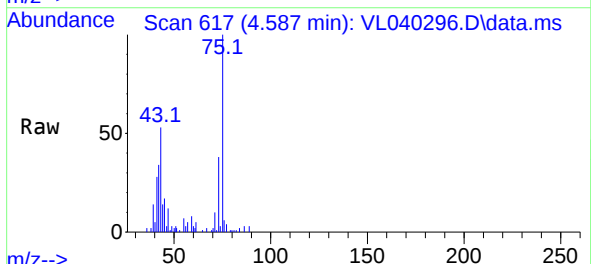
Instrument :
MSVOA_1
ClientSampleId :
SSSG-4

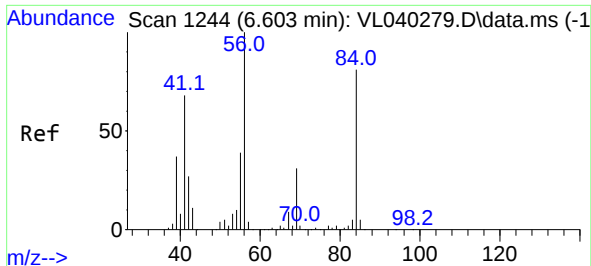
Tgt Ion: 76 Resp: 60569
Ion Ratio Lower Upper
76 100
44 0.0 15.2 22.8#
78 2.3 7.6 11.4#



#28
Methyl tert-Butyl Ether
Concen: 0.082 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.006 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

Tgt Ion: 73 Resp: 9147
Ion Ratio Lower Upper
73 100
57 32.6 18.4 27.6#

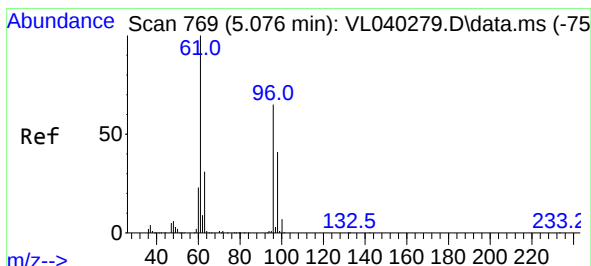
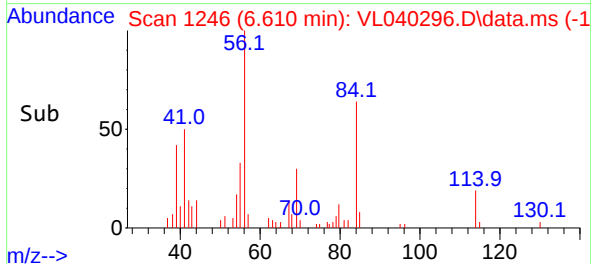
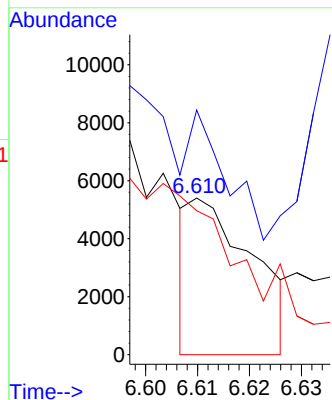
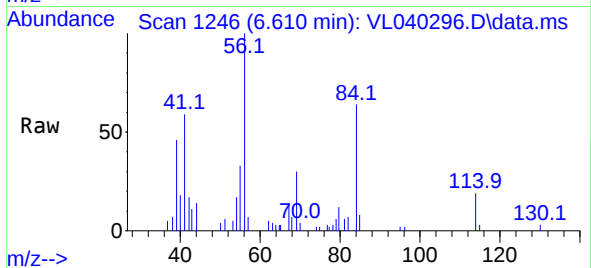




#30
Cyclohexane
Concen: 0.059 ppbv
RT: 6.610 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

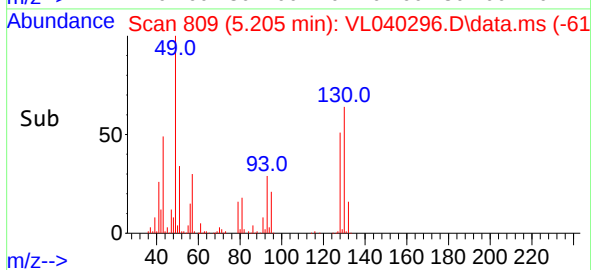
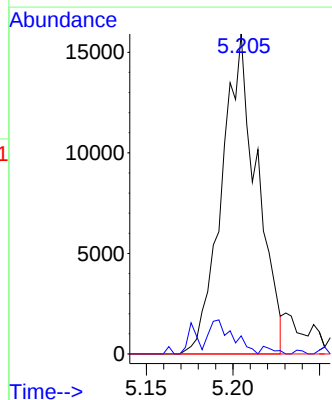
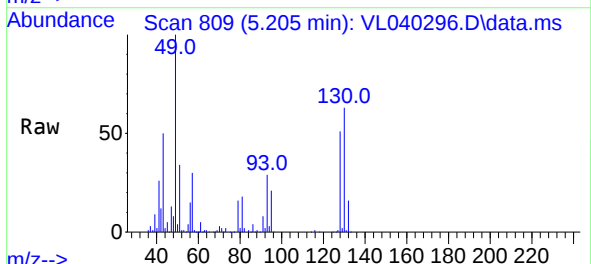
Instrument :
MSVOA_L
ClientSampleId :
SSSG-4

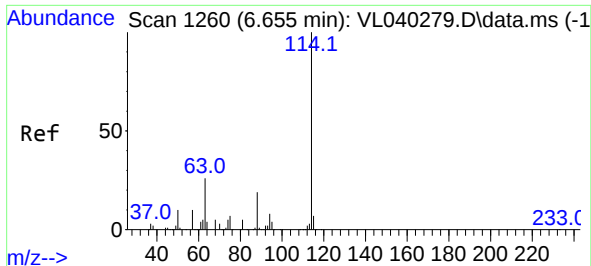
Tgt Ion: 84 Resp: 4547
Ion Ratio Lower Upper
84 100
56 0.0 109.0 163.4#
41 0.0 67.9 101.9#



#31
cis-1,2-Dichloroethene
Concen: 0.238 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.129 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

Tgt Ion: 61 Resp: 22598
Ion Ratio Lower Upper
61 100
96 5.7 51.8 77.8#
98 0.0 32.5 48.7#

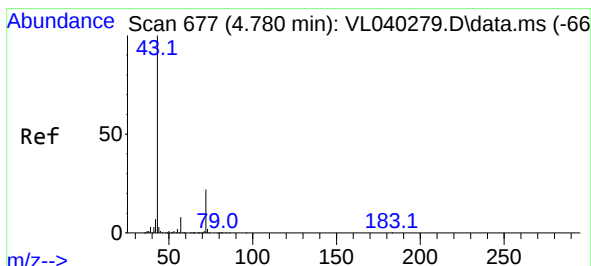
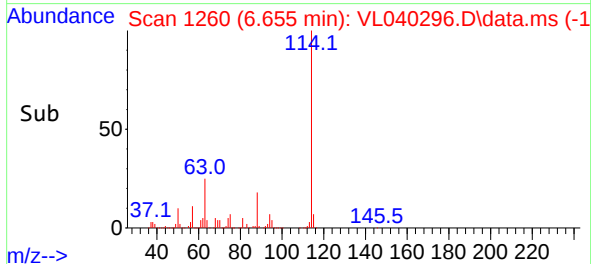
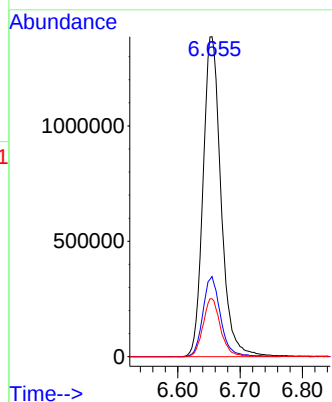
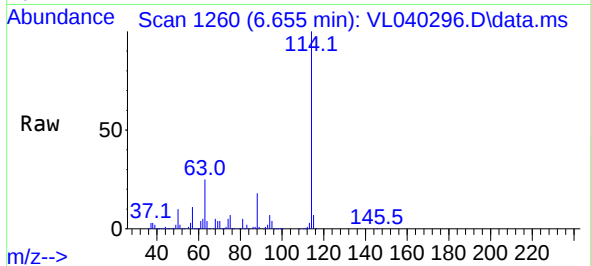




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

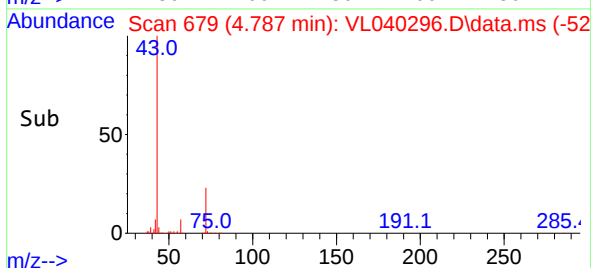
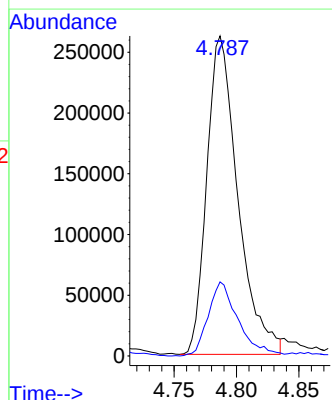
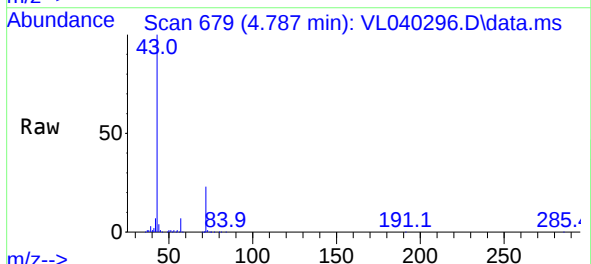
Instrument :
MSVOA_L
ClientSampleId :
SSSG-4

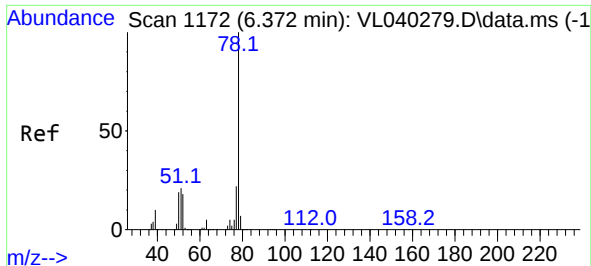
Tgt Ion:114 Resp: 2781301
Ion Ratio Lower Upper
114 100
63 24.7 21.2 31.8
88 17.8 14.5 21.7



#34
2-Butanone
Concen: 3.312 ppbv
RT: 4.787 min Scan# 679
Delta R.T. 0.007 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

Tgt Ion: 43 Resp: 454646
Ion Ratio Lower Upper
43 100
72 22.3 18.3 27.5

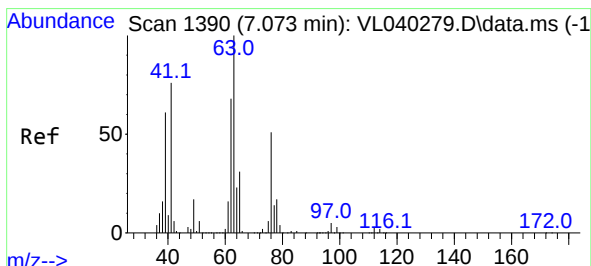
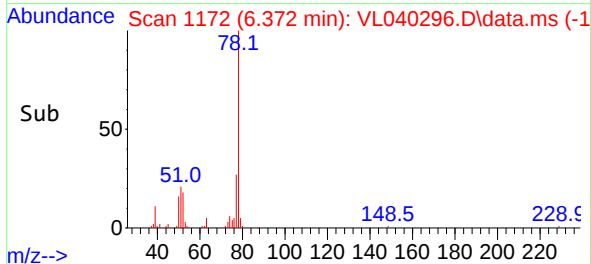
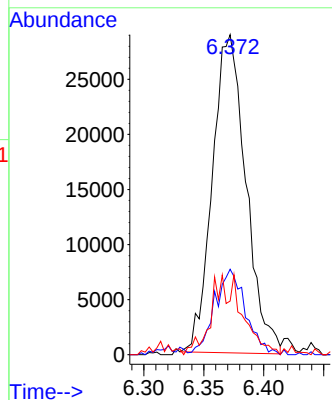
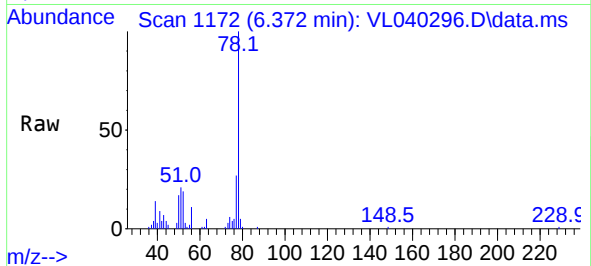




#36
Benzene
Concen: 0.265 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

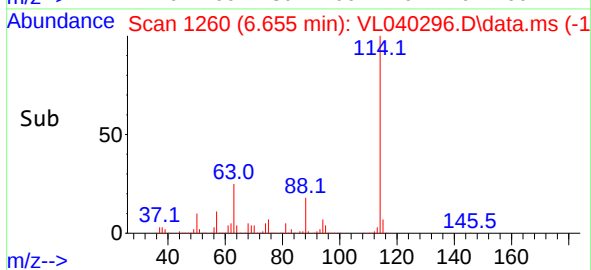
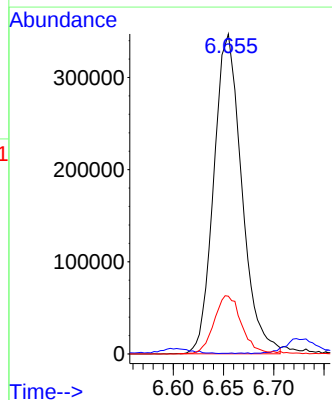
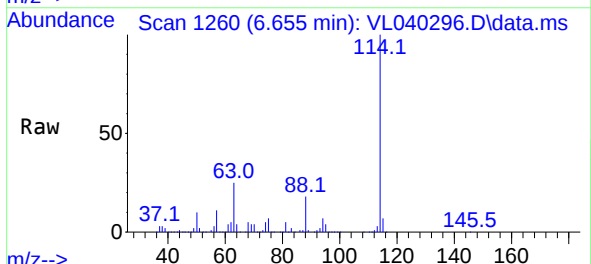
Instrument :
MSVOA_L
ClientSampleId :
SSSG-4

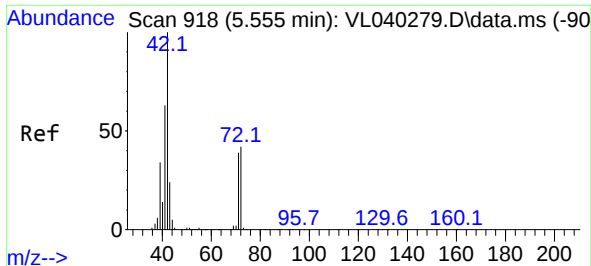
Tgt Ion: 78 Resp: 56188
Ion Ratio Lower Upper
78 100
77 26.9 17.8 26.8#
50 16.9 15.4 23.2



#39
1,2-Dichloropropane
Concen: 8.089 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. -0.418 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

Tgt Ion: 63 Resp: 672707
Ion Ratio Lower Upper
63 100
41 0.0 60.8 91.2#
62 17.9 54.1 81.1#





#41

Tetrahydrofuran

Concen: 1.433 ppbv

RT: 5.562 min Scan# 91

Delta R.T. 0.007 min

Lab File: VL040296.D

Acq: 16 Mar 2023 15:04

Instrument :

MSVOA_L

ClientSampleId :

SSSG-4

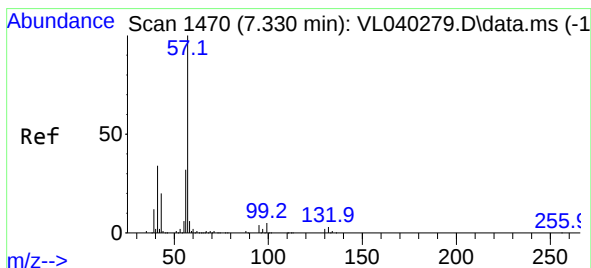
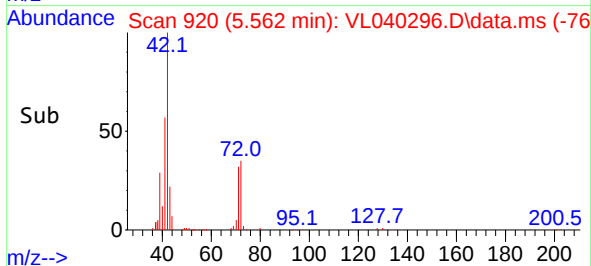
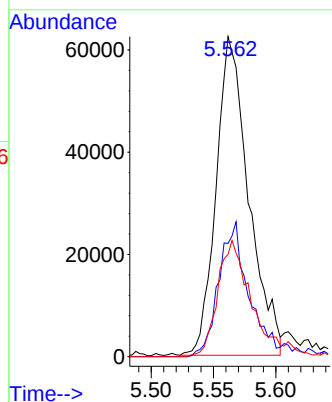
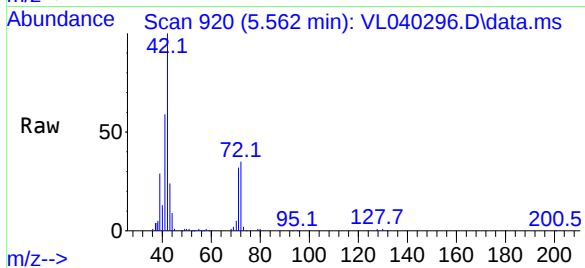
Tgt Ion: 42 Resp: 113507

Ion Ratio Lower Upper

42 100

72 41.7 32.6 49.0

71 39.1 31.0 46.4



#44

2,2,4-Trimethylpentane

Concen: 1.960 ppbv

RT: 7.330 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VL040296.D

Acq: 16 Mar 2023 15:04

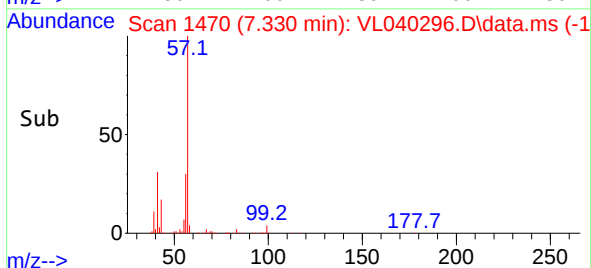
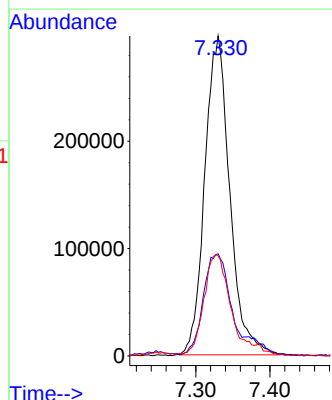
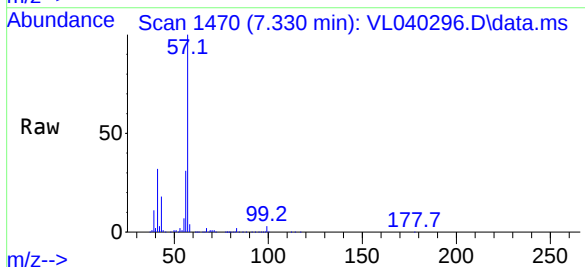
Tgt Ion: 57 Resp: 692732

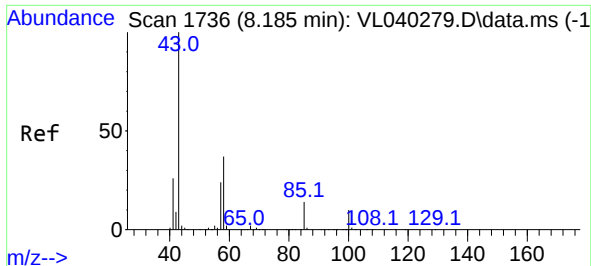
Ion Ratio Lower Upper

57 100

41 38.3 26.8 40.2

56 35.7 25.0 37.6





#50

4-Methyl-2-Pentanone

Concen: 0.474 ppbv

RT: 8.195 min Scan# 1

Delta R.T. 0.010 min

Lab File: VL040296.D

Acq: 16 Mar 2023 15:04

Instrument :

MSVOA_L

ClientSampleId :

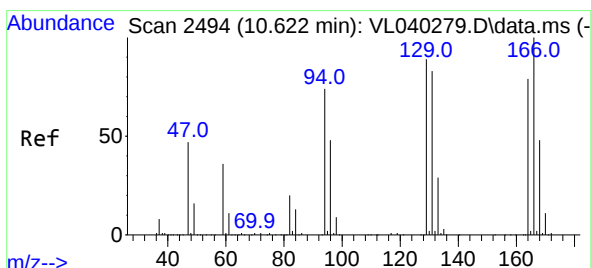
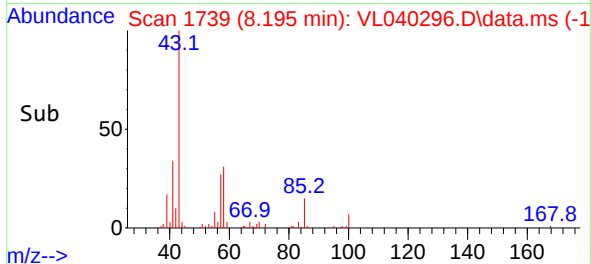
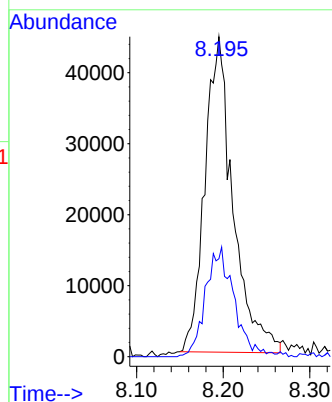
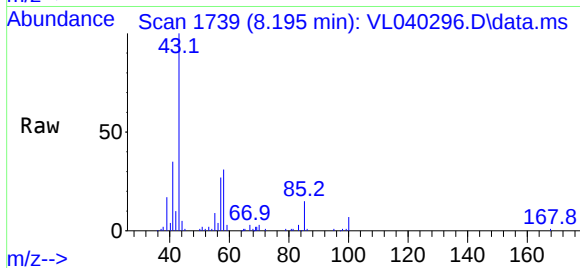
SSSG-4

Tgt Ion: 43 Resp: 100597

Ion Ratio Lower Upper

43 100

58 35.2 29.2 43.8



#52

Tetrachloroethene

Concen: 0.387 ppbv

RT: 10.616 min Scan# 2492

Delta R.T. -0.006 min

Lab File: VL040296.D

Acq: 16 Mar 2023 15:04

Tgt Ion: 164 Resp: 24829

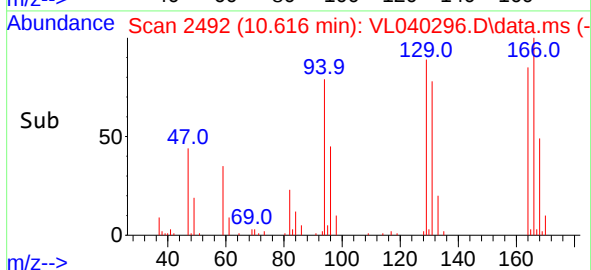
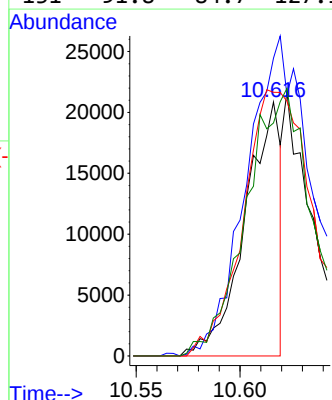
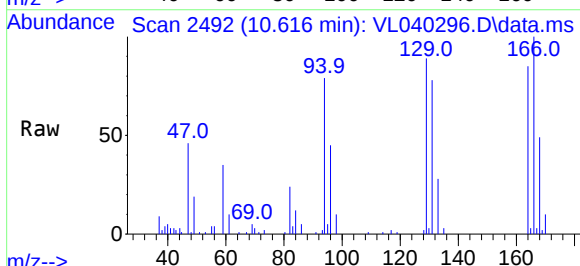
Ion Ratio Lower Upper

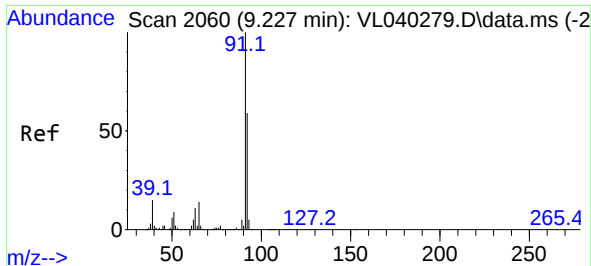
164 100

166 117.3 101.8 152.6

129 103.9 90.2 135.2

131 91.8 84.7 127.1

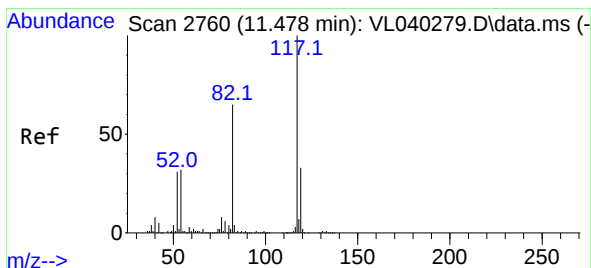
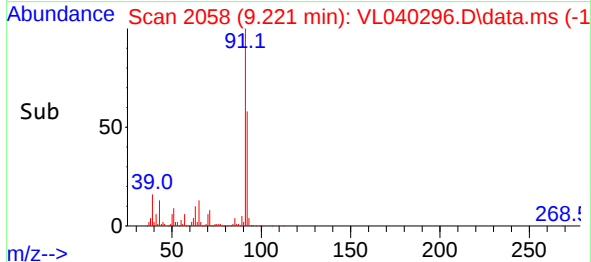
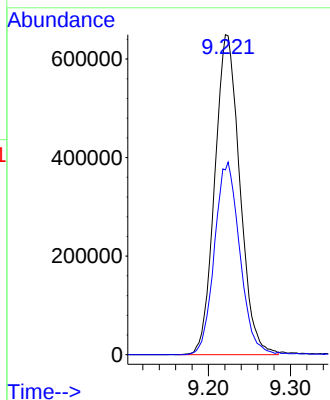
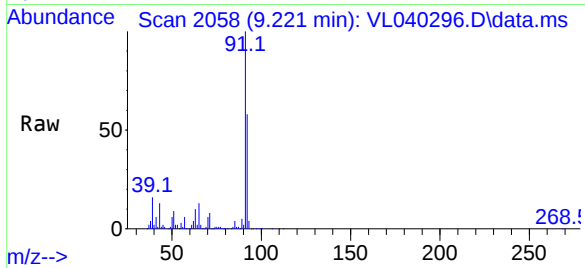




#53
Toluene
Concen: 6.218 ppbv
RT: 9.221 min Scan# 2060
Delta R.T. -0.006 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

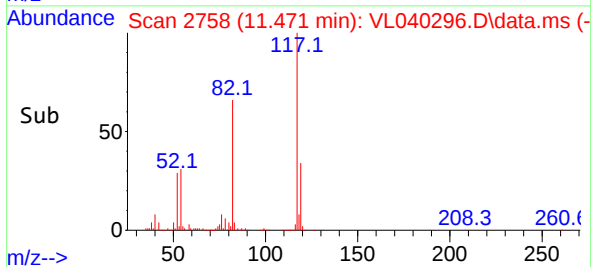
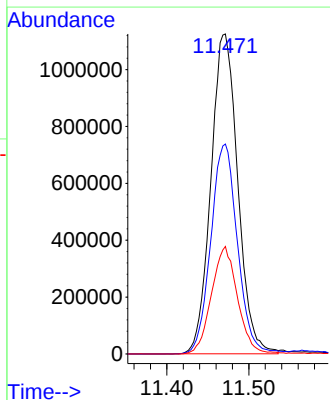
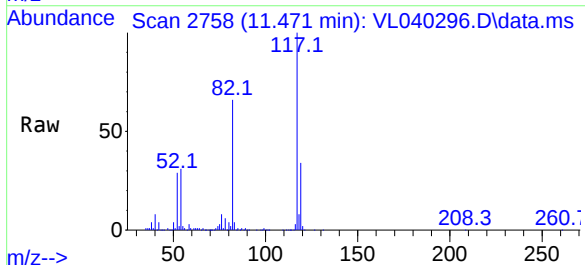
Instrument :
MSVOA_L
ClientSampleId :
SSSG-4

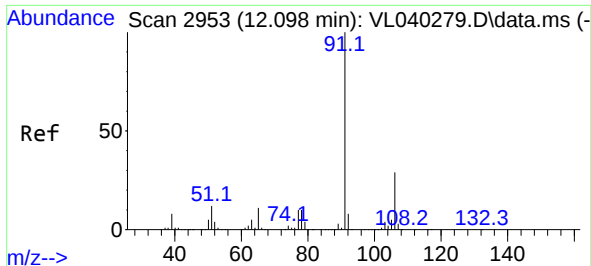
Tgt Ion: 91 Resp: 1381085
Ion Ratio Lower Upper
91 100
92 61.2 48.0 72.0



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2758
Delta R.T. -0.007 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

Tgt Ion: 117 Resp: 2567615
Ion Ratio Lower Upper
117 100
82 65.2 51.4 77.2
119 32.9 24.0 36.0

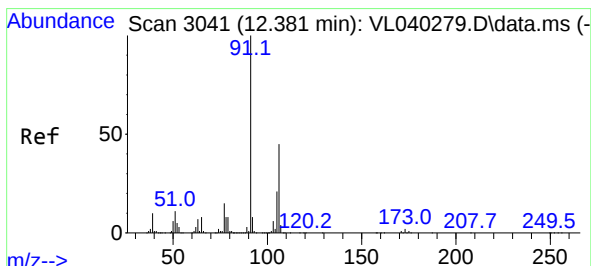
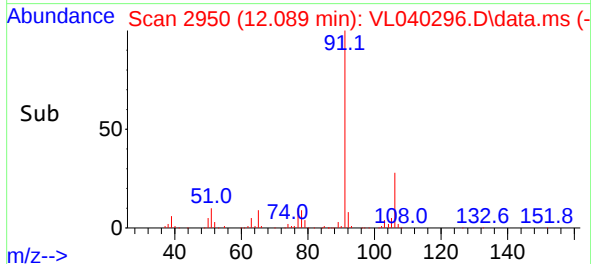
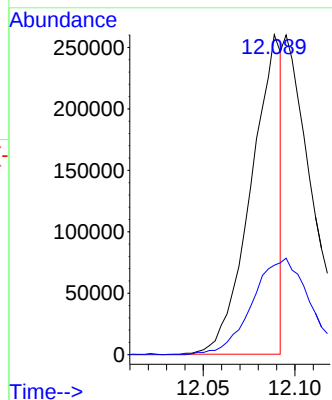
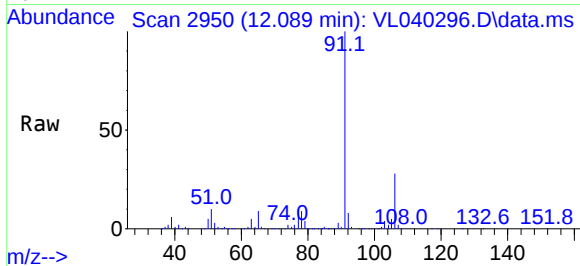




#58
Ethyl Benzene
Concen: 1.023 ppbv
RT: 12.089 min Scan# 2953
Delta R.T. -0.009 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

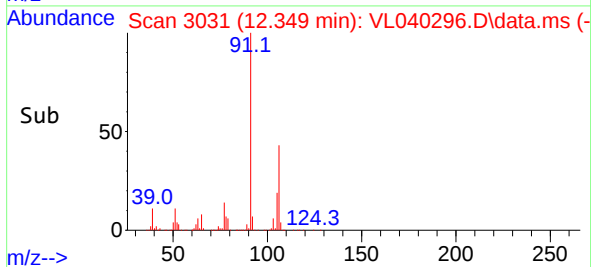
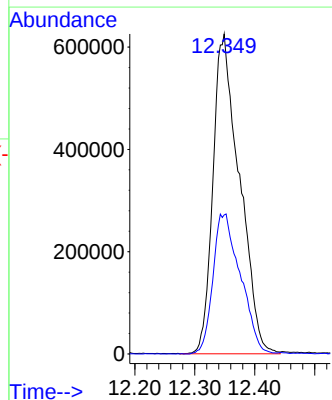
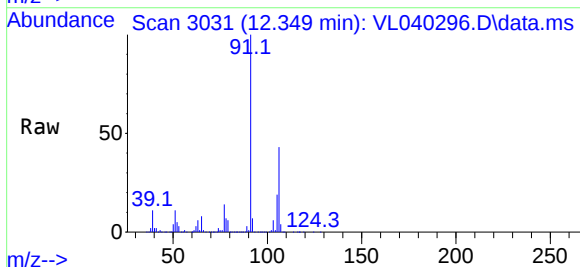
Instrument :
MSVOA_L
ClientSampleId :
SSSG-4

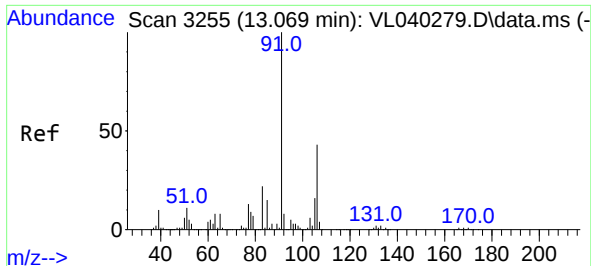
Tgt Ion: 91 Resp: 299187
Ion Ratio Lower Upper
91 100
106 28.0 23.4 35.2



#59
m/p-Xylene
Concen: 7.162 ppbv
RT: 12.349 min Scan# 3031
Delta R.T. -0.032 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

Tgt Ion: 91 Resp: 1918130
Ion Ratio Lower Upper
91 100
106 45.7 34.0 51.0

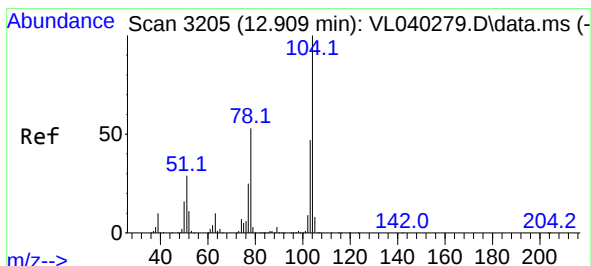
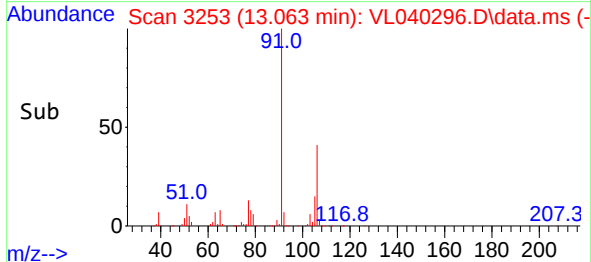
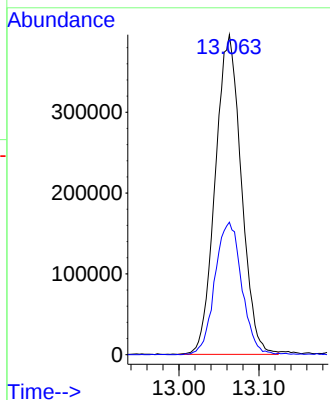
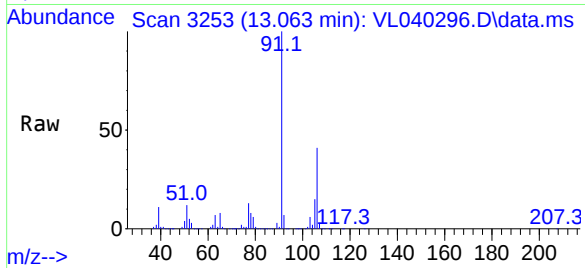




#60
o-Xylene
Concen: 3.485 ppbv
RT: 13.063 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

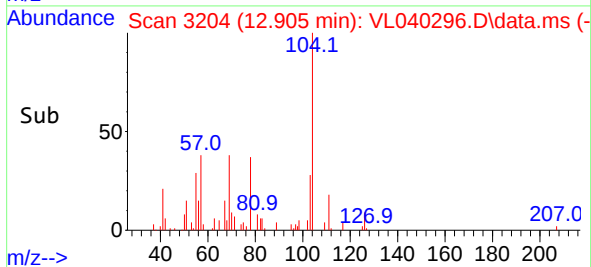
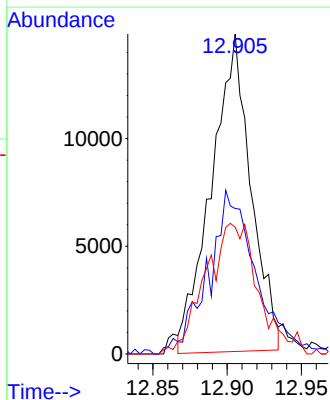
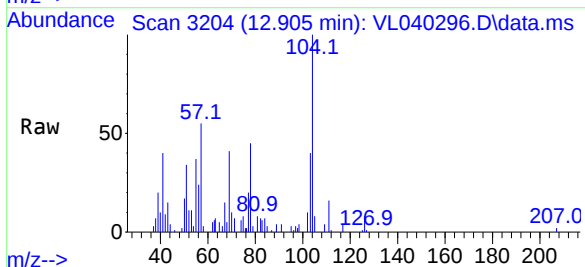
Instrument :
MSVOA_L
ClientSampleId :
SSSG-4

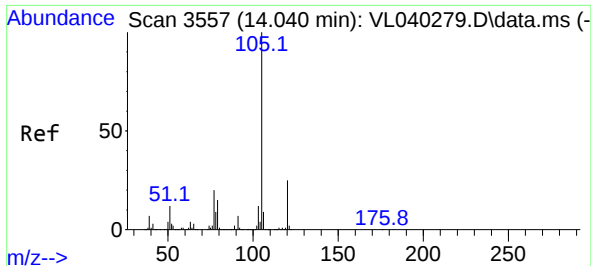
Tgt Ion: 91 Resp: 892337
Ion Ratio Lower Upper
91 100
106 43.0 21.7 65.1



#61
Styrene
Concen: 0.211 ppbv
RT: 12.905 min Scan# 3204
Delta R.T. -0.004 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

Tgt Ion: 104 Resp: 27396
Ion Ratio Lower Upper
104 100
78 62.4 43.7 65.5
103 55.6 37.4 56.2

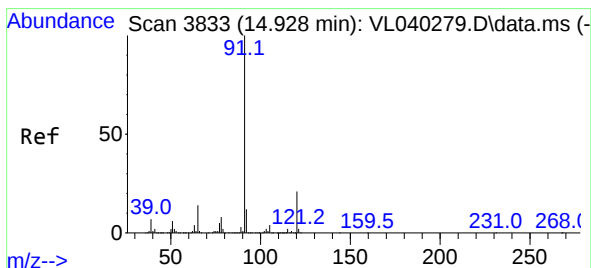
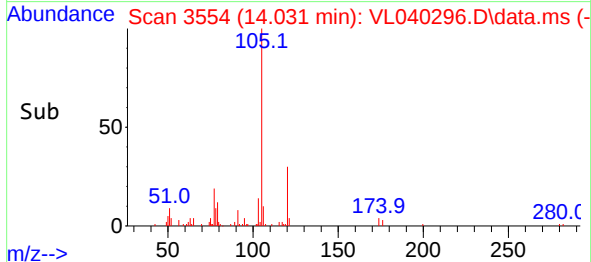
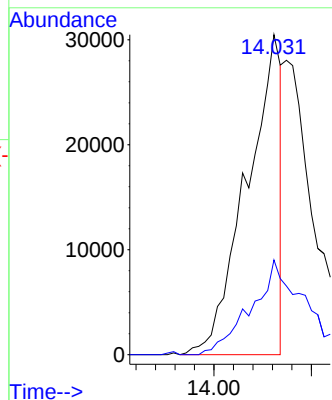
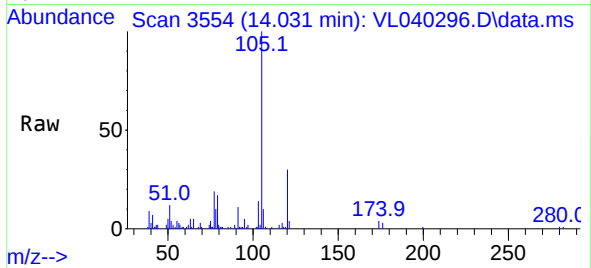




#62
Isopropylbenzene
Concen: 0.103 ppbv
RT: 14.031 min Scan# 31
Delta R.T. -0.009 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

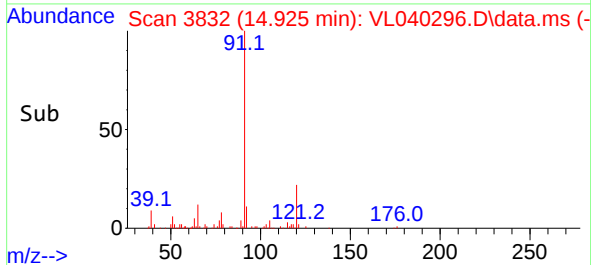
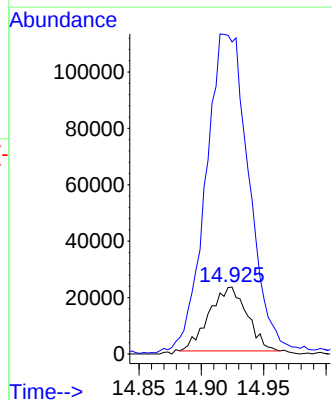
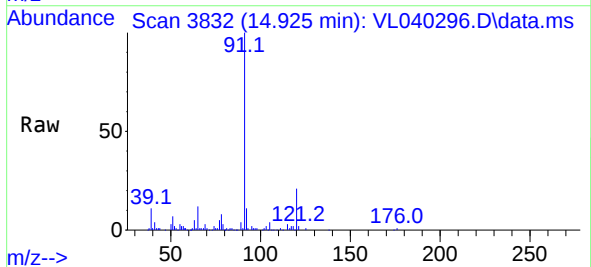
Instrument :
MSVOA_L
ClientSampleId :
SSSG-4

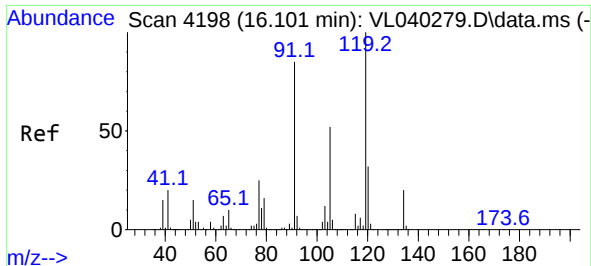
Tgt Ion:105 Resp: 37501
Ion Ratio Lower Upper
105 100
120 46.9 19.9 29.9#



#64
n-propylbenzene
Concen: 0.539 ppbv
RT: 14.925 min Scan# 3832
Delta R.T. -0.003 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

Tgt Ion:120 Resp: 48113
Ion Ratio Lower Upper
120 100
91 569.6 399.0 598.6

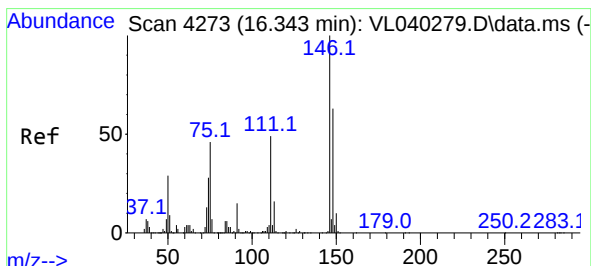
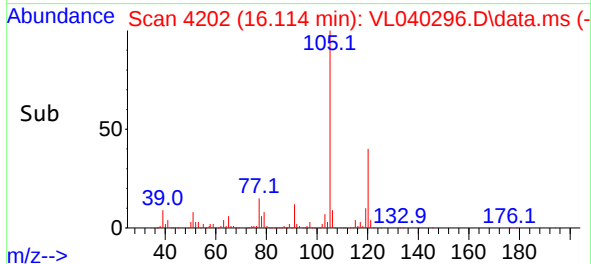
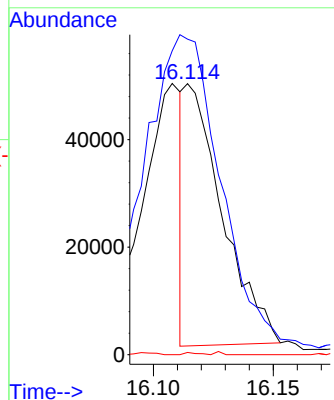
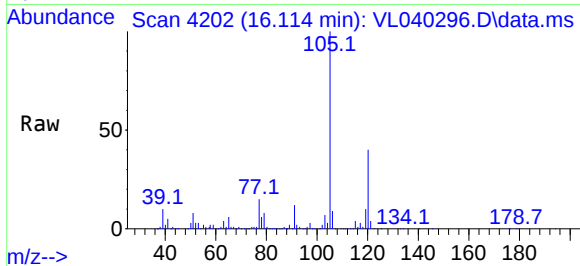




#65
tert-Butylbenzene
Concen: 0.170 ppbv
RT: 16.114 min Scan# 4198
Delta R.T. 0.013 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

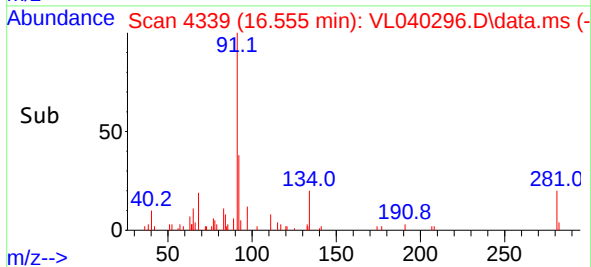
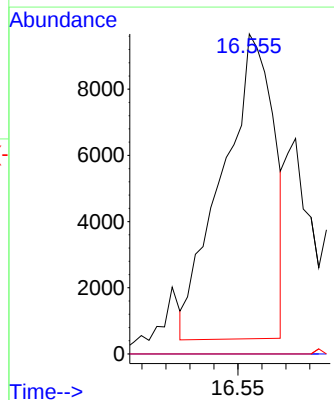
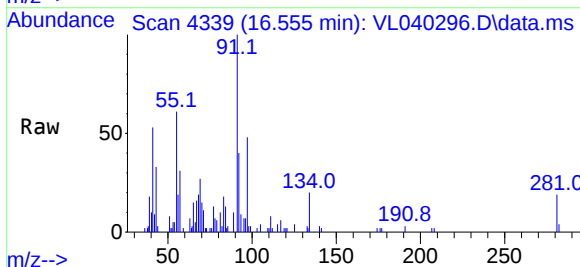
Instrument :
MSVOA_L
ClientSampleId :
SSSG-4

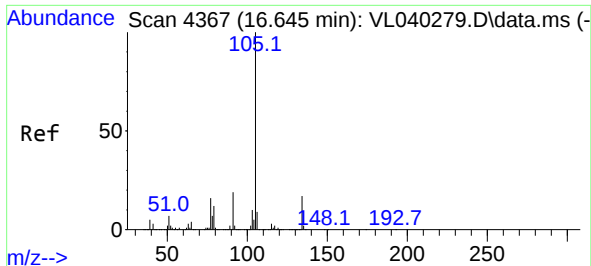
Tgt Ion:119 Resp: 53261
Ion Ratio Lower Upper
119 100
91 256.9 69.4 104.2#
134 0.0 15.8 23.6#



#66
Benzyl Chloride
Concen: 0.672 ppbv
RT: 16.555 min Scan# 4339
Delta R.T. 0.212 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

Tgt Ion: 91 Resp: 13714
Ion Ratio Lower Upper
91 100
126 12.6 12.1 18.1
128 0.0 3.8 5.6#





#67

sec-Butylbenzene

Concen: 0.045 ppbv

RT: 16.645 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL040296.D

Acq: 16 Mar 2023 15:04

Instrument :

MSVOA_1

ClientSampleId :

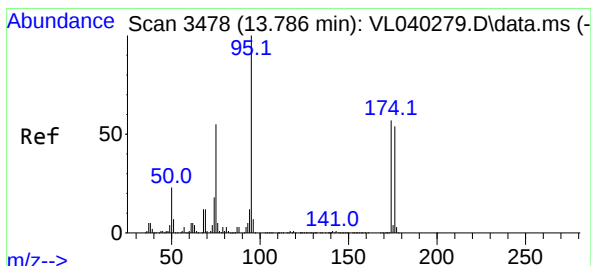
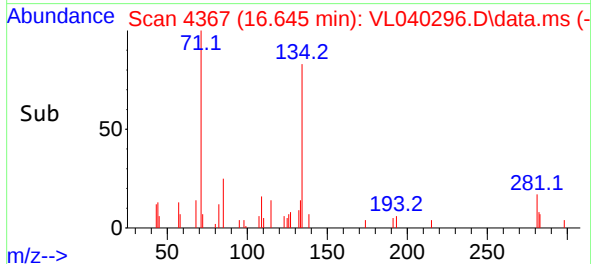
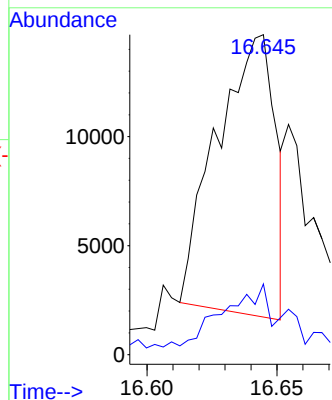
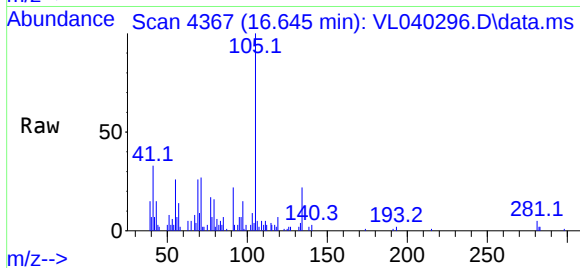
SSSG-4

Tgt Ion:105 Resp: 19999

Ion Ratio Lower Upper

105 100

134 31.4 14.0 21.0#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.694 ppbv

RT: 13.780 min Scan# 3476

Delta R.T. -0.006 min

Lab File: VL040296.D

Acq: 16 Mar 2023 15:04

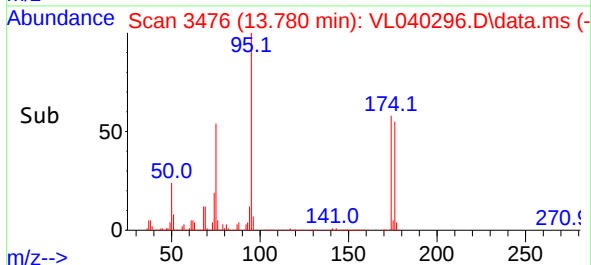
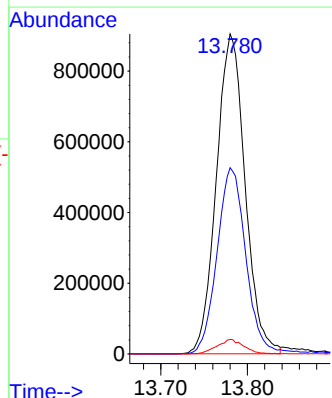
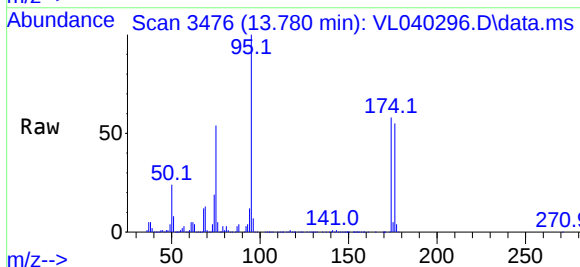
Tgt Ion: 95 Resp: 2084305

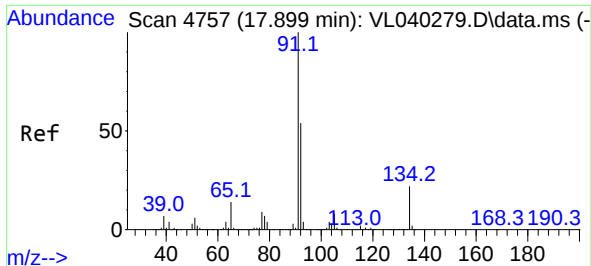
Ion Ratio Lower Upper

95 100

174 59.4 47.0 70.6

175 4.3 3.4 5.2

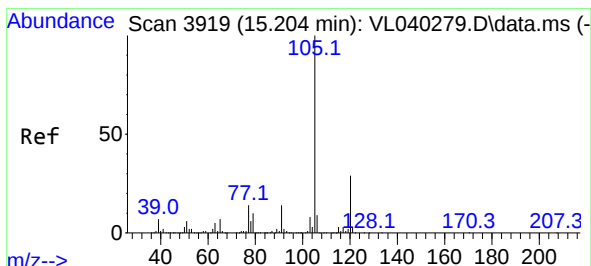
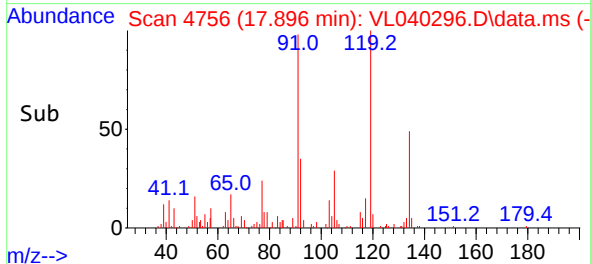
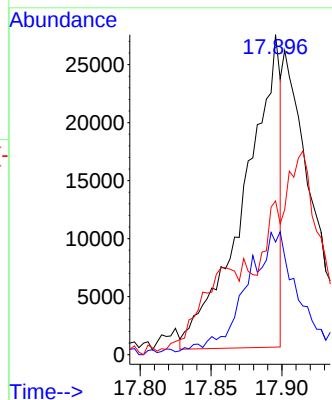
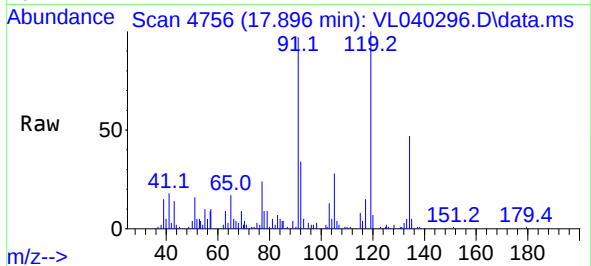




#70
n-Butylbenzene
Concen: 0.123 ppbv
RT: 17.896 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

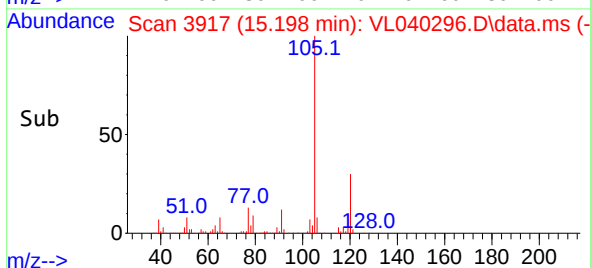
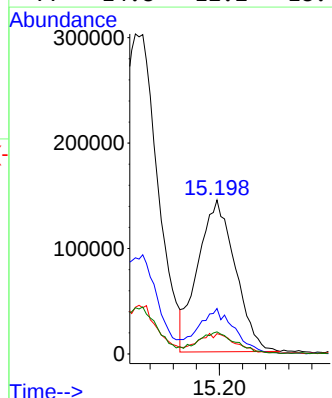
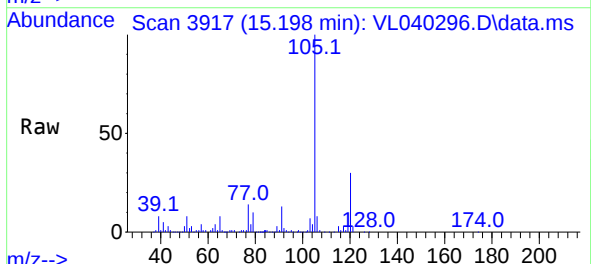
Instrument :
MSVOA_L
ClientSampleId :
SSSG-4

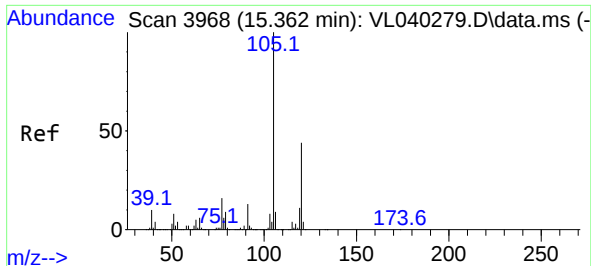
Tgt Ion: 91 Resp: 47582
Ion Ratio Lower Upper
91 100
92 0.0 42.9 64.3#
134 0.0 16.8 25.2#



#72
4-Ethyltoluene
Concen: 1.157 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. -0.006 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

Tgt Ion:105 Resp: 323766
Ion Ratio Lower Upper
105 100
120 29.4 23.7 35.5
91 14.1 11.6 17.4
77 14.8 12.2 18.4

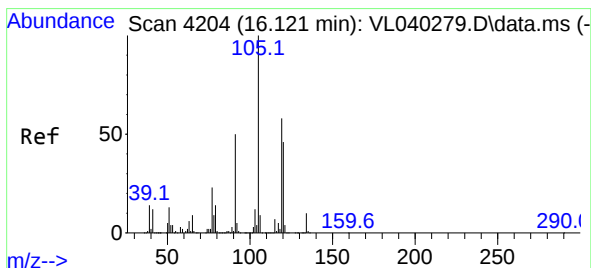
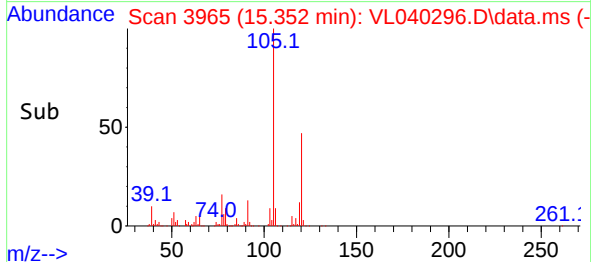
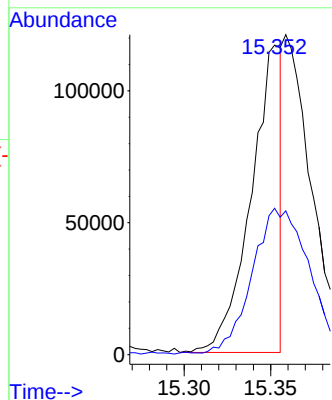
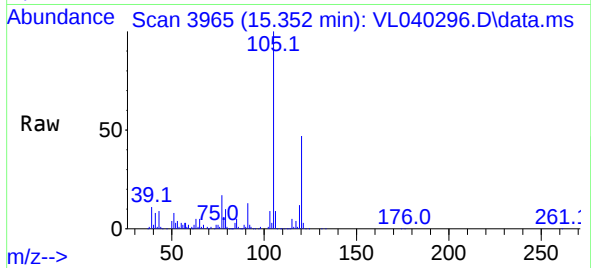




#73
1,3,5-Trimethylbenzene
Concen: 0.561 ppbv
RT: 15.352 min Scan# 3968
Delta R.T. -0.010 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

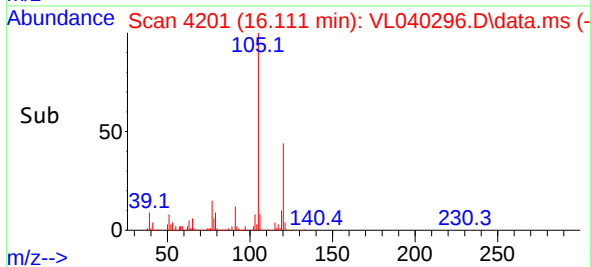
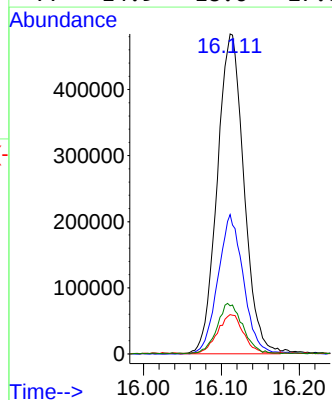
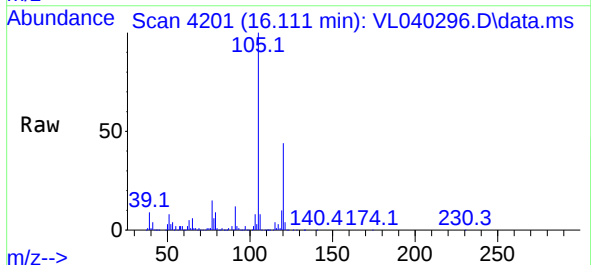
Instrument :
MSVOA_L
ClientSampleId :
SSSG-4

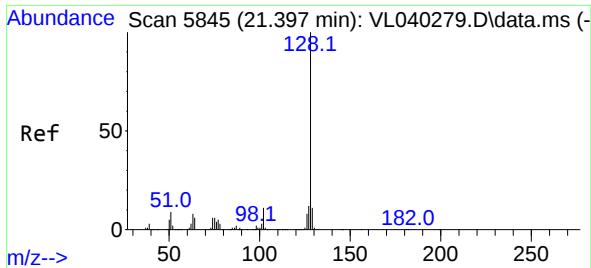
Tgt Ion:105 Resp: 142361
Ion Ratio Lower Upper
105 100
120 47.1 34.9 52.3



#74
1,2,4-Trimethylbenzene
Concen: 3.977 ppbv
RT: 16.111 min Scan# 4201
Delta R.T. -0.010 min
Lab File: VL040296.D
Acq: 16 Mar 2023 15:04

Tgt Ion:105 Resp: 1149979
Ion Ratio Lower Upper
105 100
120 43.5 36.6 54.8
91 12.2 39.9 59.9#
77 14.9 18.6 27.8#





#79

Naphthalene

Concen: 0.651 ppbv

RT: 21.394 min Scan# 5844

Delta R.T. -0.003 min

Lab File: VL040296.D

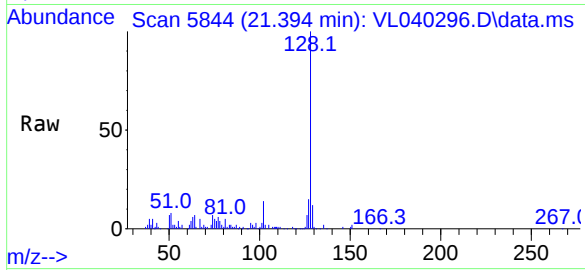
Acq: 16 Mar 2023 15:04

Instrument :

MSVOA_L

ClientSampleId :

SSSG-4



Tgt Ion:128 Resp: 111284

Ion Ratio Lower Upper

128 100

127 15.1 9.6 14.4#

129 11.6 8.6 13.0

