

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031623\
 Data File : VL040292.D
 Acq On : 16 Mar 2023 12:36
 Operator : SY/MD
 Sample : 01933-02 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-2

Quant Time: Mar 17 04:14:03 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	5.188	49	1052672	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2647543	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2525812	10.000	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	2039863	9.644	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.726	85	38518	0.186	ppbv	93
4) Chloromethane	2.809	50	8682	0.106	ppbv	100
9) Propene	2.700	41	16221	0.320	ppbv #	77
10) Heptane	7.577	43	134021	1.099	ppbv	94
11) Trichlorofluoromethane	3.558	101	18079	0.097	ppbv	95
13) Ethanol	3.230	45	2513761	675.881	ppbv	97
15) Acetone	3.462	43	1402645	10.945	ppbv	96
16) 1,3-Butadiene	2.963	39	3857	0.066	ppbv #	24
17) tert-Butyl alcohol	3.886	59	23380	0.192	ppbv #	72
19) Isopropyl Alcohol	3.574	45	161157	2.625	ppbv #	88
20) Methylene Chloride	3.928	84	1253502	23.250	ppbv	96
21) Allyl Chloride	3.928	41	37011	0.446	ppbv #	52
23) Vinyl Acetate	4.607	43	129497	3.632	ppbv #	10
25) Ethyl Acetate	5.205	43	622817	2.596	ppbv #	88
26) Hexane	5.211	57	581386	5.903	ppbv #	50
27) Carbon Disulfide	4.513	76	187694	1.364	ppbv #	79
28) Methyl tert-Butyl Ether	4.574	73	5057	0.045	ppbv #	53
30) Cyclohexane	6.600	84	16339	0.211	ppbv #	18
31) cis-1,2-Dichloroethene	5.195	61	19119	0.199	ppbv #	26
34) 2-Butanone	4.777	43	670556	5.132	ppbv	100
36) Benzene	6.369	78	168045	0.833	ppbv	97
39) 1,2-Dichloropropane	6.648	63	671159	8.479	ppbv #	25
41) Tetrahydrofuran	5.558	42	120846	1.602	ppbv	97
44) 2,2,4-Trimethylpentane	7.323	57	1291310	3.839	ppbv	92
50) 4-Methyl-2-Pentanone	8.185	43	127147	0.629	ppbv	97
51) 2-Hexanone	9.529	43	13020	0.083	ppbv #	87
52) Tetrachloroethene	10.609	164	84455	1.384	ppbv	94
53) Toluene	9.217	91	3514922	16.624	ppbv	98
58) Ethyl Benzene	12.089	91	954606	3.319	ppbv	100
59) m/p-Xylene	12.343	91	3101950	11.774	ppbv	95
60) o-Xylene	13.060	91	1247659	4.954	ppbv	100
61) Styrene	12.896	104	15570	0.122	ppbv #	27
62) Isopropylbenzene	14.031	105	79945	0.223	ppbv	99
64) n-propylbenzene	14.908	120	25465	0.290	ppbv #	1
65) tert-Butylbenzene	16.104	119	69739	0.226	ppbv #	1
66) Benzyl Chloride	16.535	91	4847	0.241	ppbv #	70
67) sec-Butylbenzene	16.638	105	33481	0.076	ppbv	95
69) p-Isopropyltoluene	16.989	119	10672	0.031	ppbv #	19
70) n-Butylbenzene	17.876	91	17780	0.047	ppbv #	3
71) 2-Chlorotoluene	15.175	91	8993	0.033	ppbv	86
72) 4-Ethyltoluene	15.188	105	381512	1.385	ppbv	99
73) 1,3,5-Trimethylbenzene	15.349	105	309298	1.240	ppbv	98
74) 1,2,4-Trimethylbenzene	16.108	105	1222992	4.300	ppbv #	71

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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

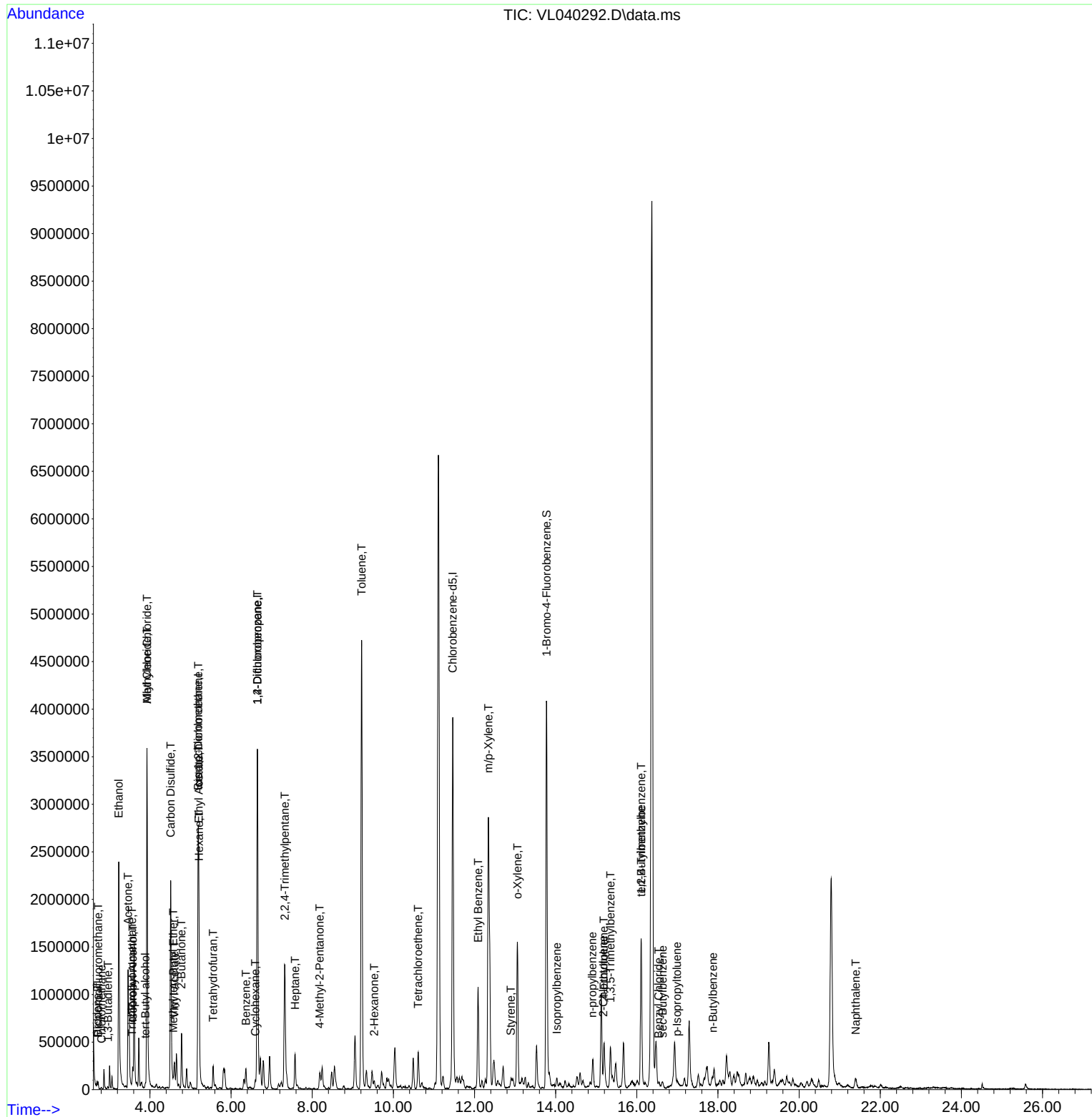
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) Naphthalene	21.400	128	35213	0.209	ppbv	95

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

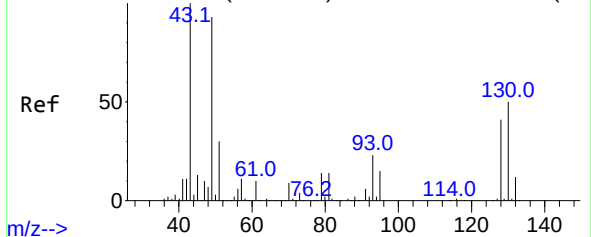
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031623\
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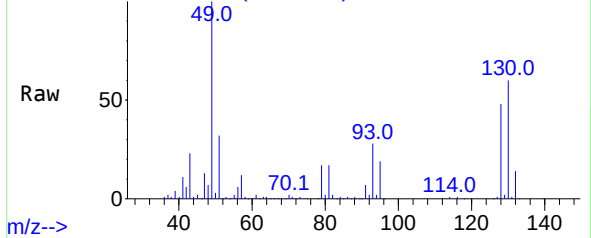
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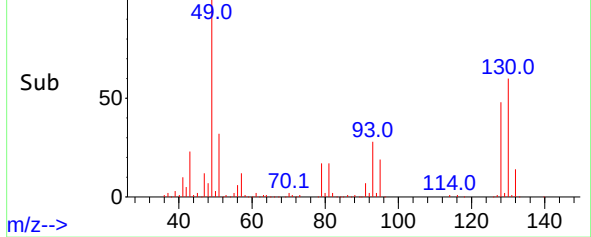
Abundance Scan 804 (5.189 min): VL040279.D\data.ms (-78)



m/z--> Scan 804 (5.188 min): VL040292.D\data.ms



Abundance Scan 804 (5.188 min): VL040292.D\data.ms (-64)



m/z-->

#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.188 min Scan# 80

Delta R.T. -0.001 min

Lab File: VL040292.D

Acq: 16 Mar 2023 12:36

Instrument :

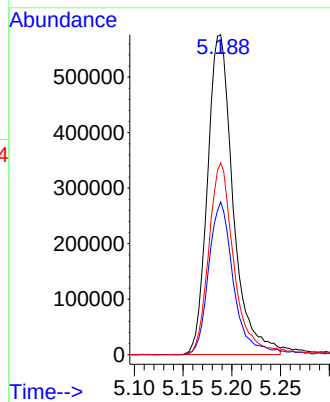
MSVOA_1

ClientSampleId :

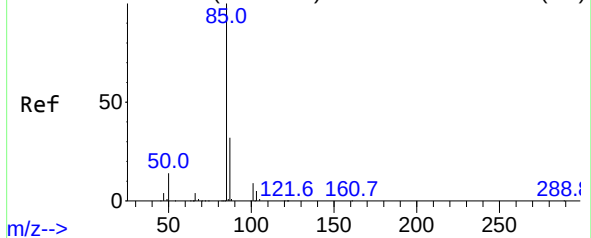
SSSG-2

Tgt Ion: 49 Resp: 1052672

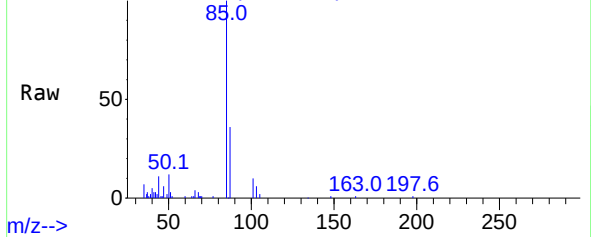
Ion	Ratio	Lower	Upper
49	100		
128	47.9	22.4	67.3
130	60.5	28.7	86.1



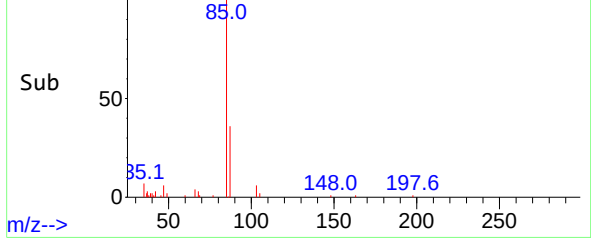
Abundance Scan 36 (2.719 min): VL040279.D\data.ms (-28)



m/z--> Scan 38 (2.726 min): VL040292.D\data.ms



Abundance Scan 38 (2.726 min): VL040292.D\data.ms (-1)



m/z-->

#2

Dichlorodifluoromethane

Concen: 0.186 ppbv

RT: 2.726 min Scan# 38

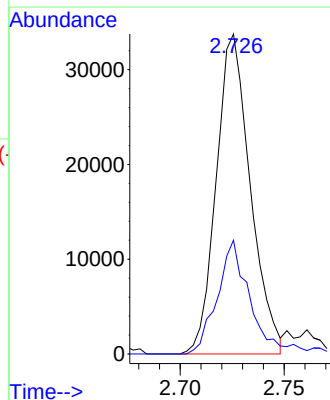
Delta R.T. 0.007 min

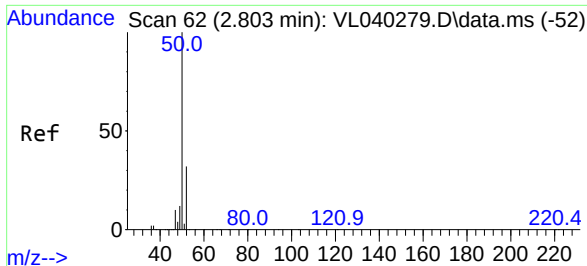
Lab File: VL040292.D

Acq: 16 Mar 2023 12:36

Tgt Ion: 85 Resp: 38518

Ion	Ratio	Lower	Upper
85	100		
87	35.5	25.5	38.3

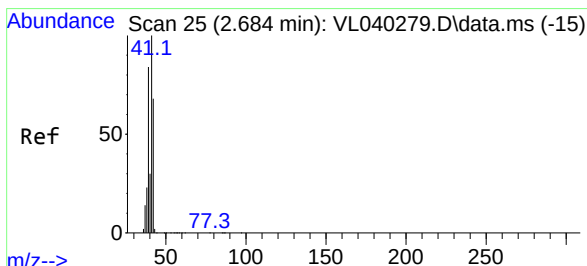
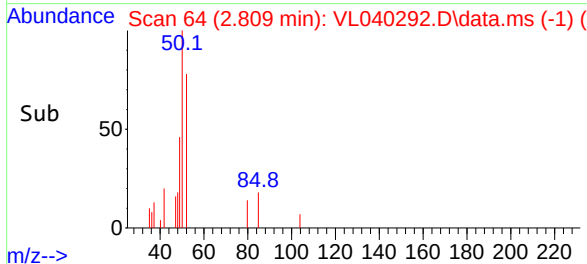
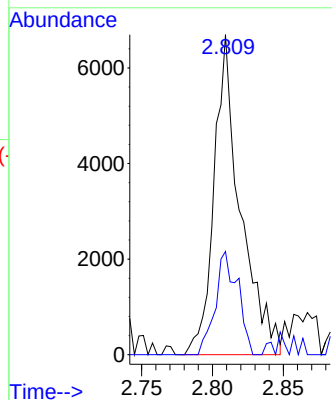
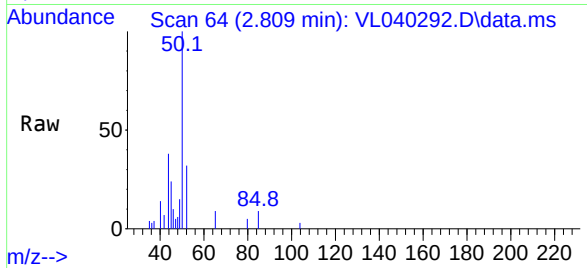




#4
Chloromethane
Concen: 0.106 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.006 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

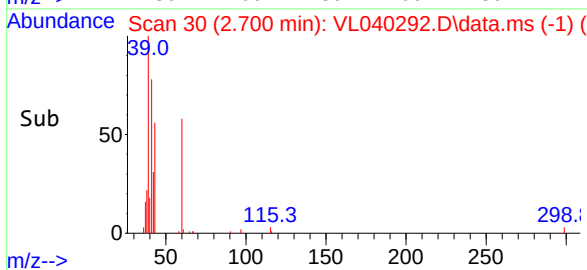
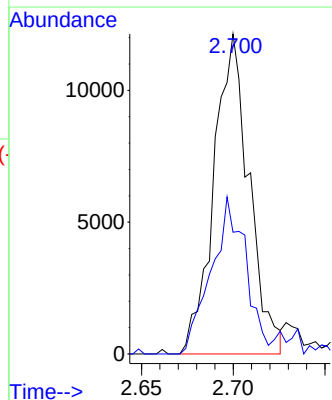
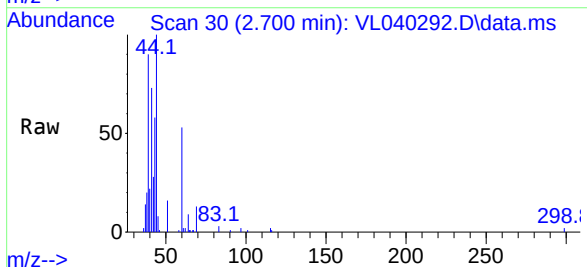
Instrument :
MSVOA_1
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SSSG-2

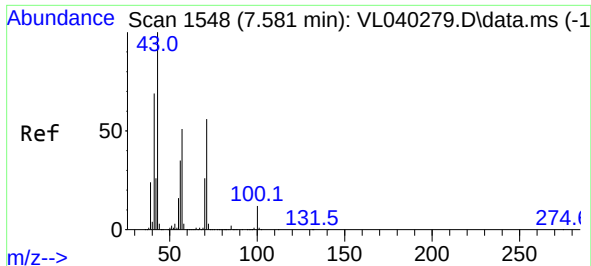
Tgt Ion: 50 Resp: 8682
Ion Ratio Lower Upper
50 100
52 32.3 25.9 38.9



#9
Propene
Concen: 0.320 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.016 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

Tgt Ion: 41 Resp: 16221
Ion Ratio Lower Upper
41 100
42 53.9 59.0 88.4#

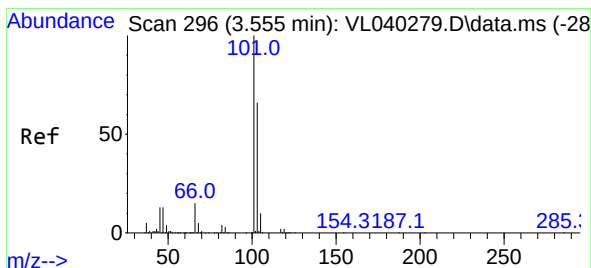
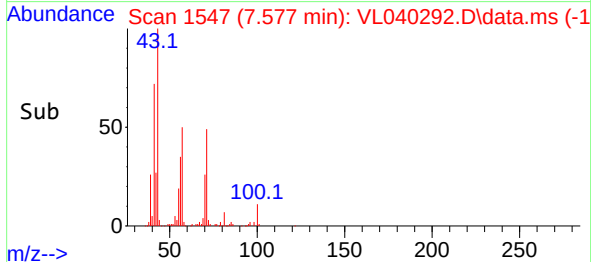
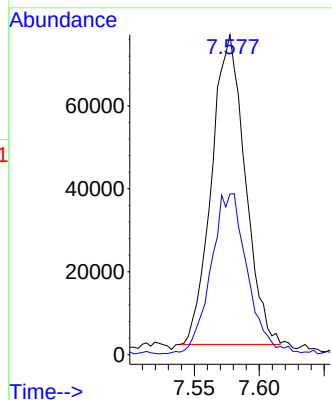
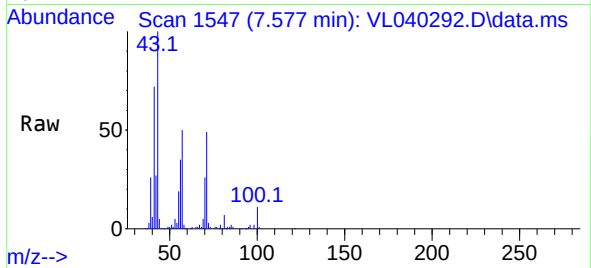




#10
Heptane
Concen: 1.099 ppbv
RT: 7.577 min Scan# 11
Delta R.T. -0.004 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

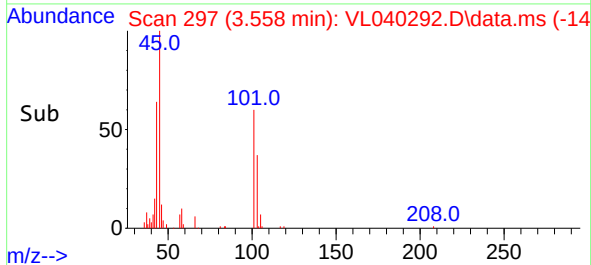
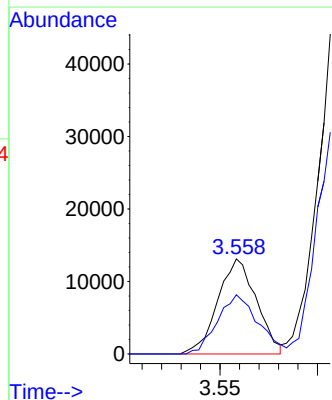
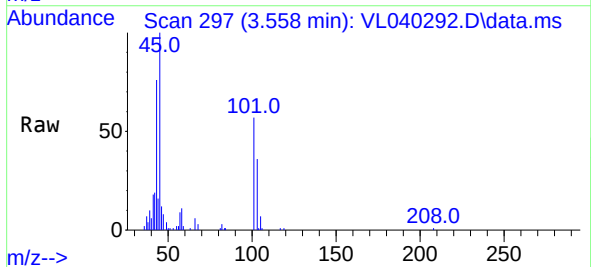
Instrument :
MSVOA_1
ClientSampleId :
SSSG-2

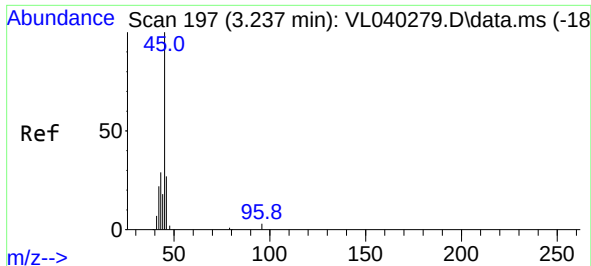
Tgt Ion: 43 Resp: 134021
Ion Ratio Lower Upper
43 100
57 56.6 41.7 62.5



#11
Trichlorofluoromethane
Concen: 0.097 ppbv
RT: 3.558 min Scan# 297
Delta R.T. 0.003 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

Tgt Ion:101 Resp: 18079
Ion Ratio Lower Upper
101 100
103 62.3 53.1 79.7

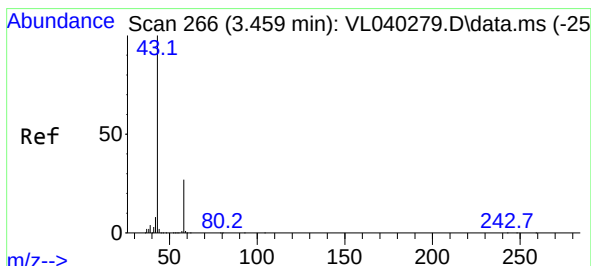
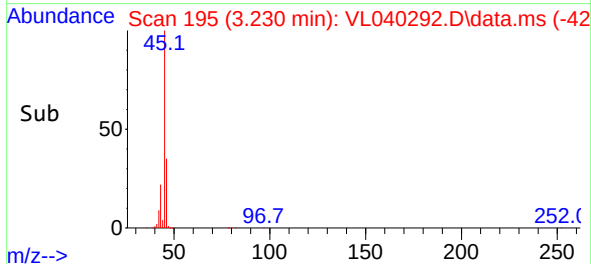
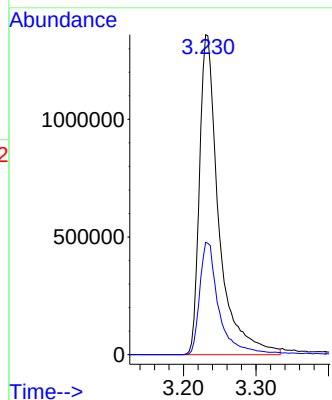
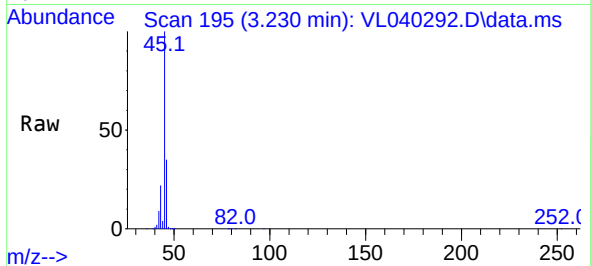




#13
Ethanol
Concen: 675.881 ppbv
RT: 3.230 min Scan# 197
Delta R.T. -0.007 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

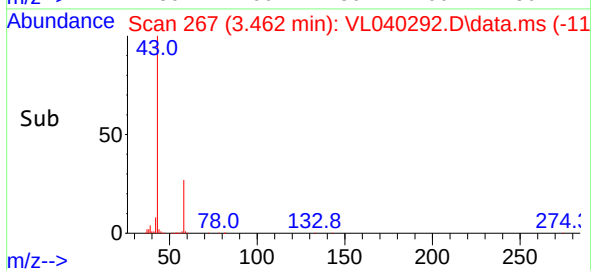
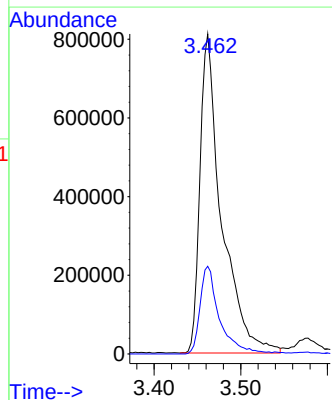
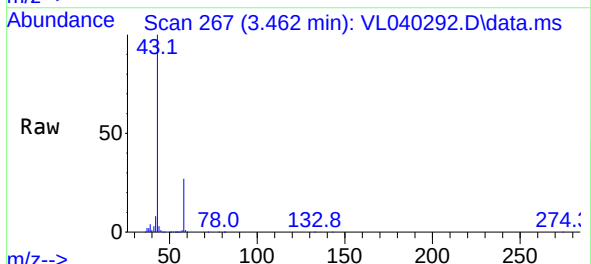
Instrument :
MSVOA_1
ClientSampleId :
SSSG-2

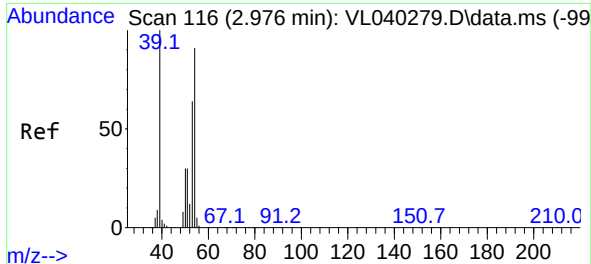
Tgt Ion: 45 Resp: 2513761
Ion Ratio Lower Upper
45 100
46 36.0 15.0 60.2



#15
Acetone
Concen: 10.945 ppbv
RT: 3.462 min Scan# 267
Delta R.T. 0.003 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

Tgt Ion: 43 Resp: 1402645
Ion Ratio Lower Upper
43 100
58 25.1 21.8 32.8

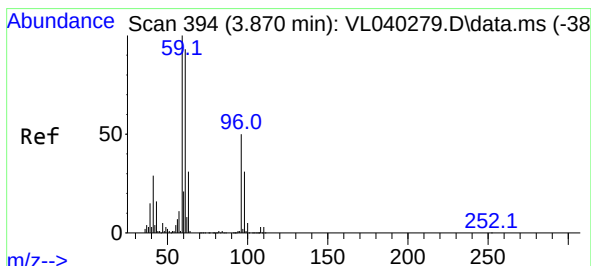
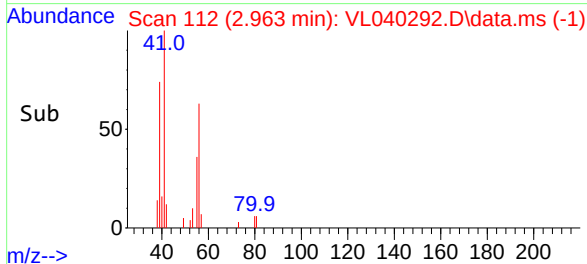
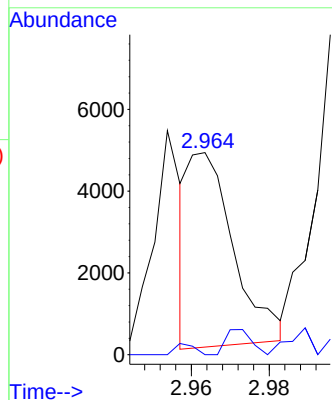
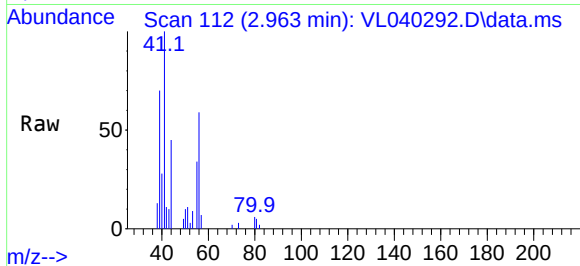




#16
1,3-Butadiene
Concen: 0.066 ppbv
RT: 2.963 min Scan# 116
Delta R.T. -0.013 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

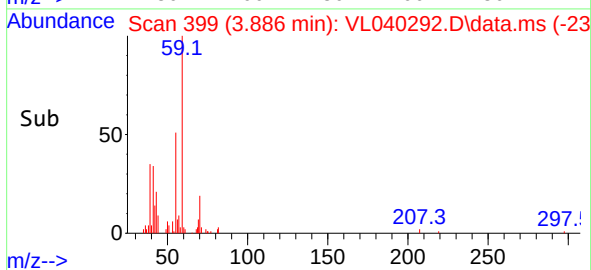
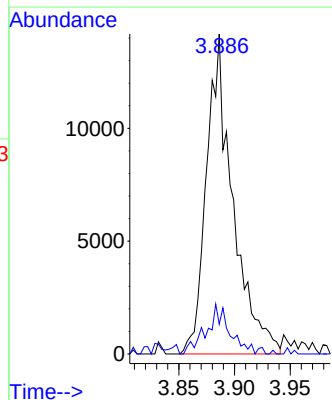
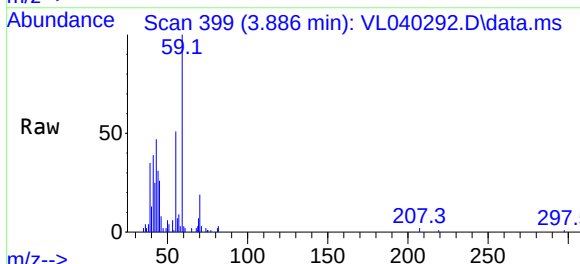
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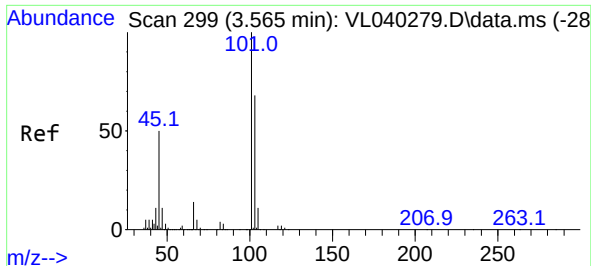
Tgt Ion: 39 Resp: 3857
Ion Ratio Lower Upper
39 100
54 16.2 68.4 102.6#



#17
tert-Butyl alcohol
Concen: 0.192 ppbv
RT: 3.886 min Scan# 399
Delta R.T. 0.016 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

Tgt Ion: 59 Resp: 23380
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

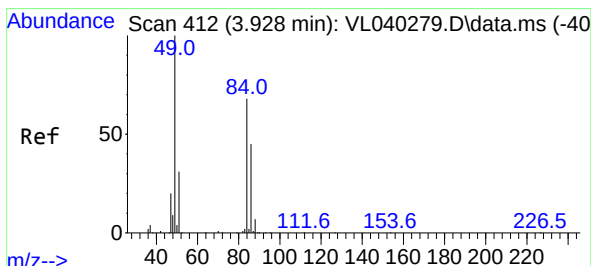
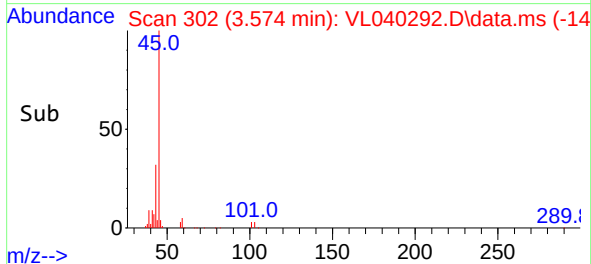
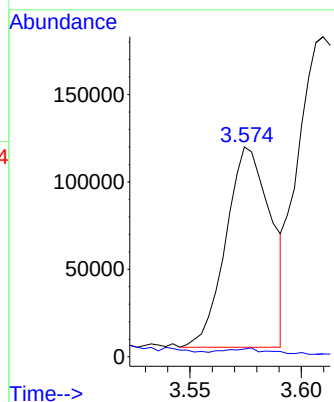
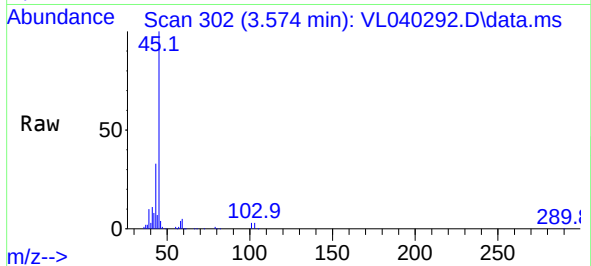




#19
Isopropyl Alcohol
Concen: 2.625 ppbv
RT: 3.574 min Scan# 302
Delta R.T. 0.009 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

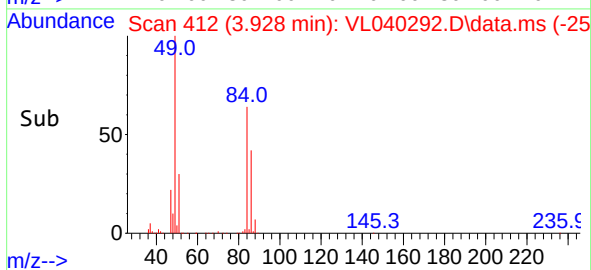
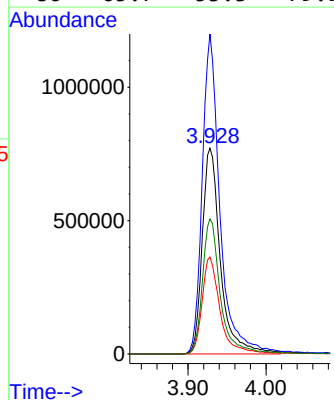
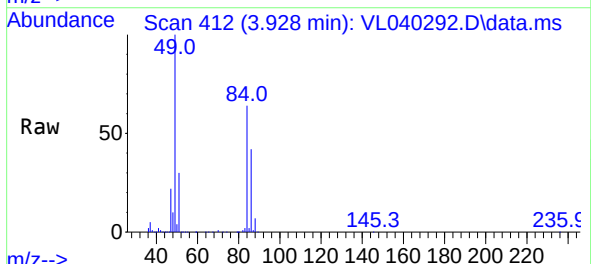
Instrument :
MSVOA_L
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SSSG-2

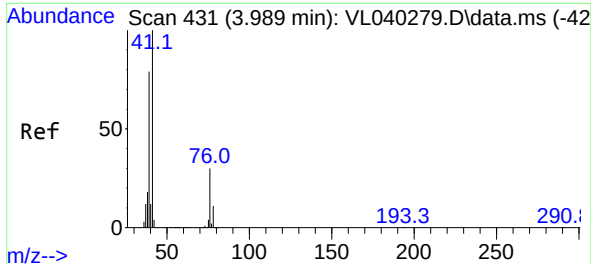
Tgt Ion: 45 Resp: 161157
Ion Ratio Lower Upper
45 100
58 7.2 2.7 4.1#



#20
Methylene Chloride
Concen: 23.250 ppbv
RT: 3.928 min Scan# 412
Delta R.T. 0.000 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

Tgt Ion: 84 Resp: 1253502
Ion Ratio Lower Upper
84 100
49 155.5 117.5 176.3
51 47.1 36.9 55.3
86 65.7 53.3 79.9





#21

Allyl Chloride

Concen: 0.446 ppbv

RT: 3.928 min Scan# 41

Delta R.T. -0.061 min

Lab File: VL040292.D

Acq: 16 Mar 2023 12:36

Instrument :

MSVOA_1

ClientSampleId :

SSSG-2

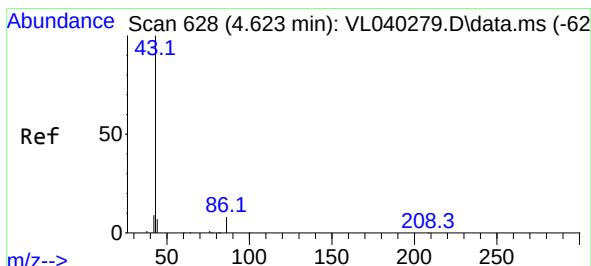
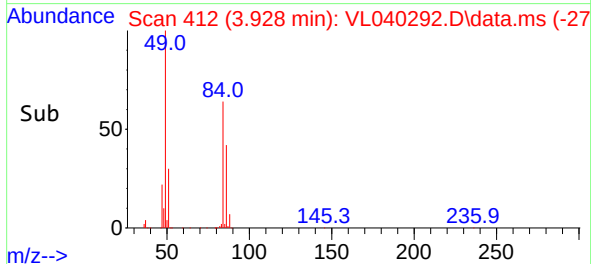
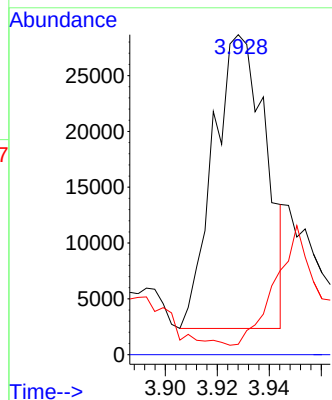
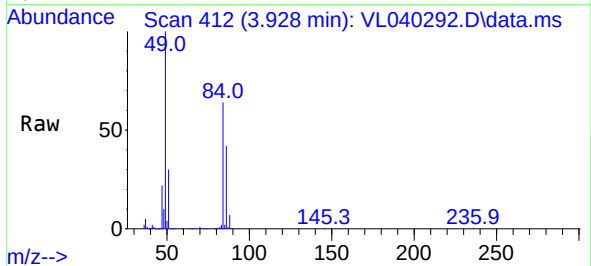
Tgt Ion: 41 Resp: 37011

Ion Ratio Lower Upper

41 100

76 0.0 25.4 38.0#

39 41.9 65.4 98.2#



#23

Vinyl Acetate

Concen: 3.632 ppbv

RT: 4.607 min Scan# 623

Delta R.T. -0.016 min

Lab File: VL040292.D

Acq: 16 Mar 2023 12:36

Tgt Ion: 43 Resp: 129497

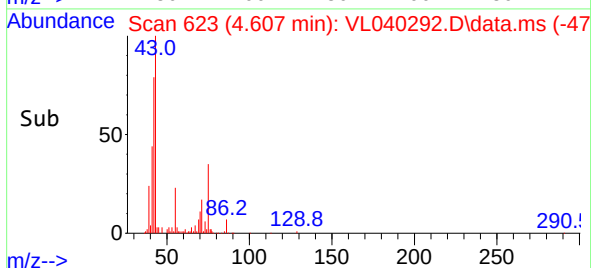
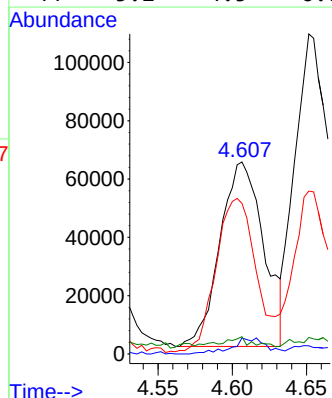
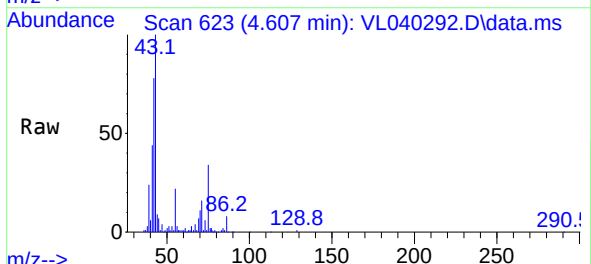
Ion Ratio Lower Upper

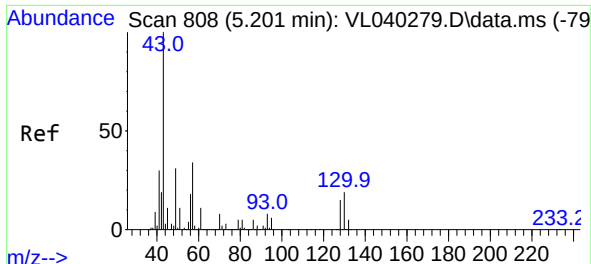
43 100

86 8.6 5.0 7.4#

42 79.7 9.1 13.7#

44 5.2 4.5 6.7

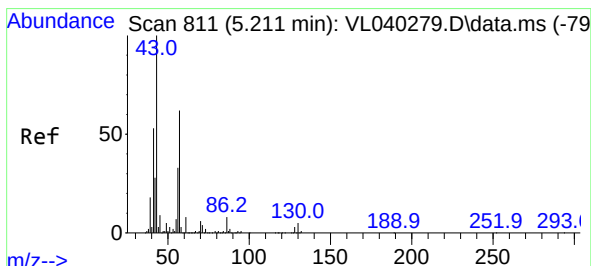
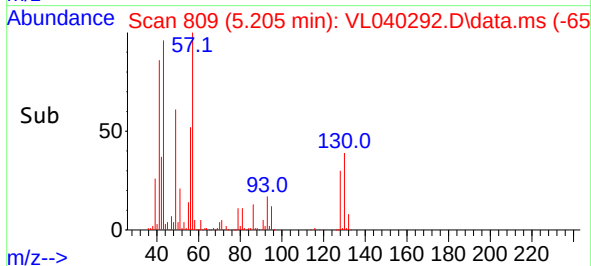
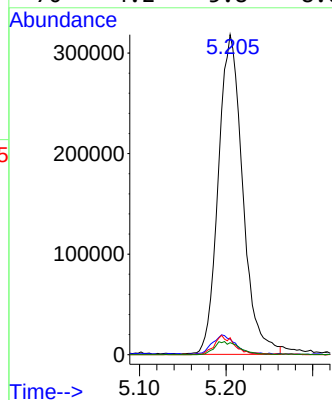
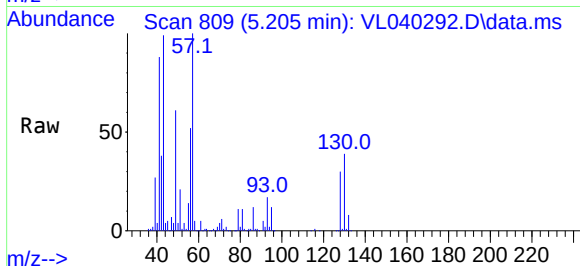




#25
Ethyl Acetate
Concen: 2.596 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.004 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

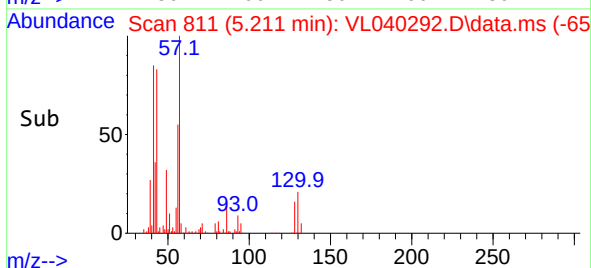
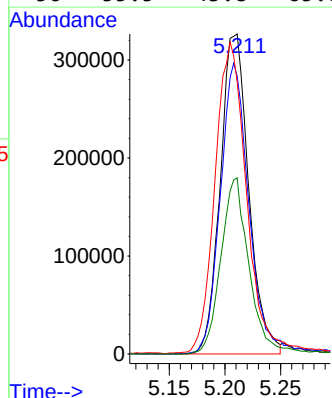
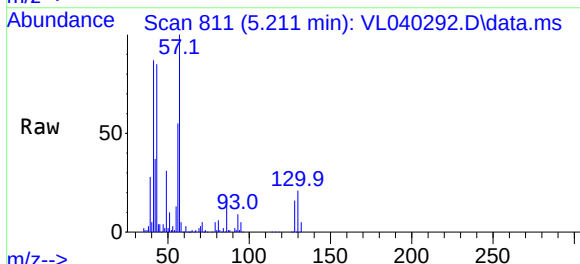
Instrument :
MSVOA_1
ClientSampleId :
SSSG-2

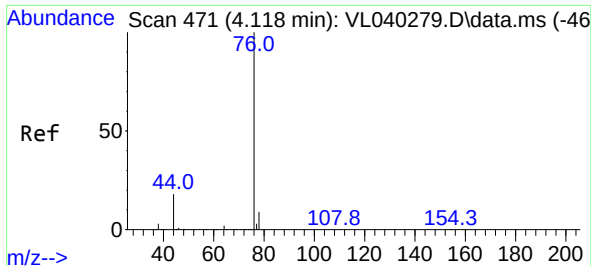
Tgt Ion: 43 Resp: 622817
Ion Ratio Lower Upper
43 100
45 6.3 8.6 12.8#
61 5.3 8.4 12.6#
70 4.2 5.8 8.6#



#26
Hexane
Concen: 5.903 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

Tgt Ion: 57 Resp: 581386
Ion Ratio Lower Upper
57 100
41 92.9 73.5 110.3
43 108.9 196.3 294.5#
56 55.5 43.8 65.8

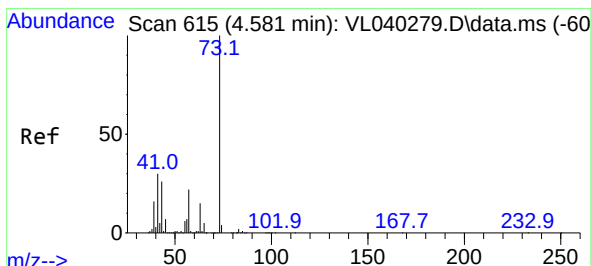
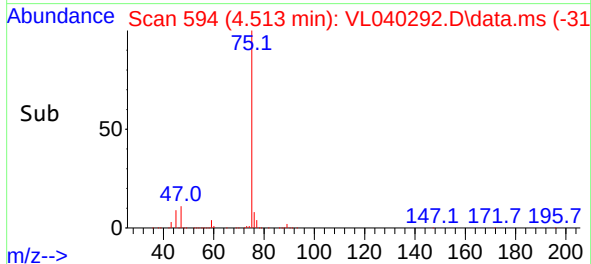
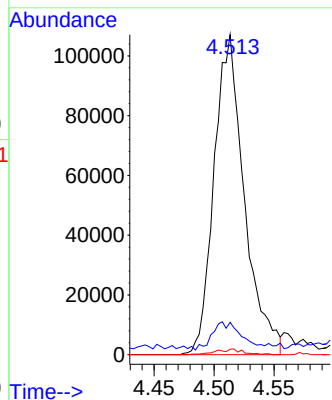
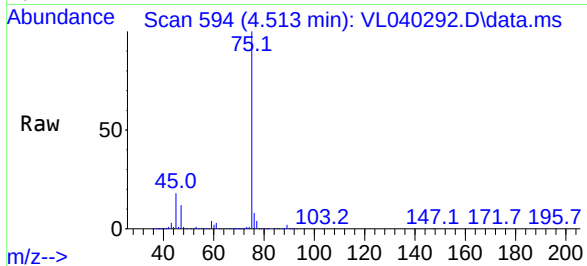




#27
Carbon Disulfide
Concen: 1.364 ppbv
RT: 4.513 min Scan# 51
Delta R.T. 0.395 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

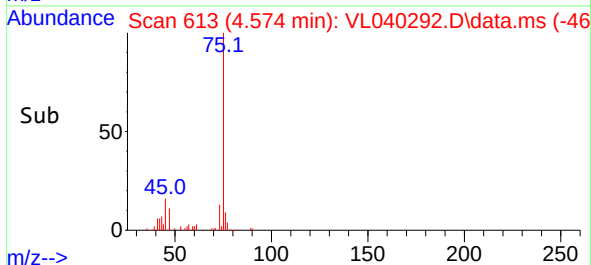
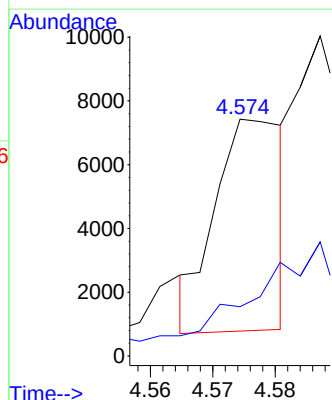
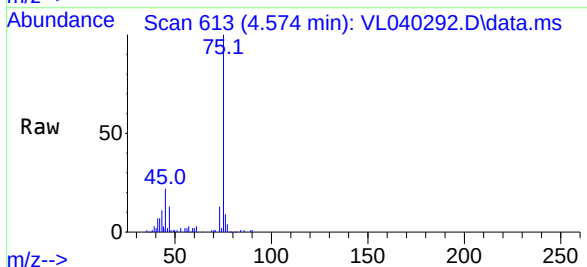
Instrument :
MSVOA_1
ClientSampleId :
SSSG-2

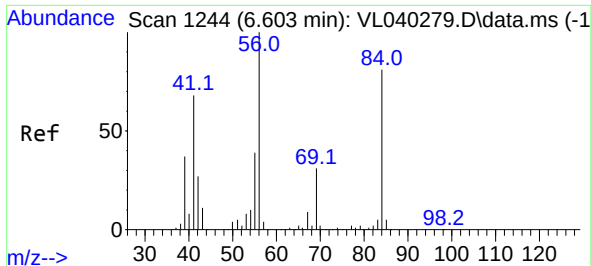
Tgt Ion: 76 Resp: 187694
Ion Ratio Lower Upper
76 100
44 9.4 15.2 22.8#
78 1.6 7.6 11.4#



#28
Methyl tert-Butyl Ether
Concen: 0.045 ppbv
RT: 4.574 min Scan# 613
Delta R.T. -0.007 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

Tgt Ion: 73 Resp: 5057
Ion Ratio Lower Upper
73 100
57 0.0 18.4 27.6#

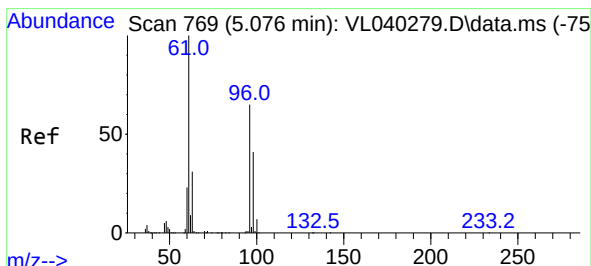
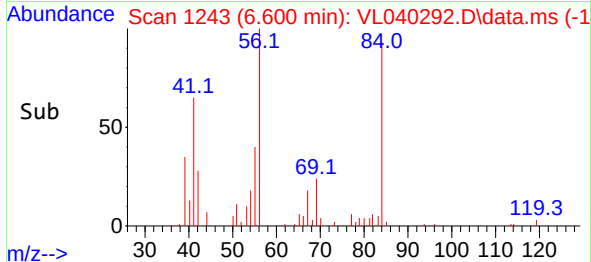
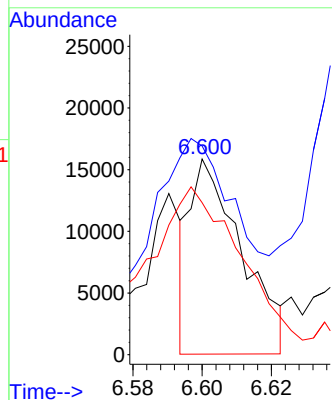
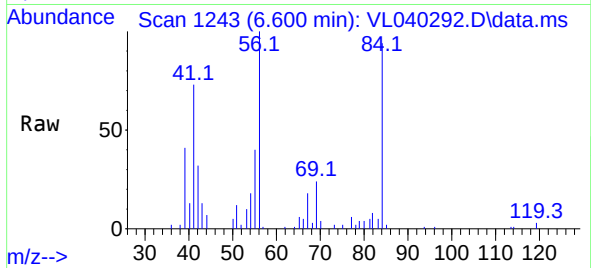




#30
Cyclohexane
Concen: 0.211 ppbv
RT: 6.600 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

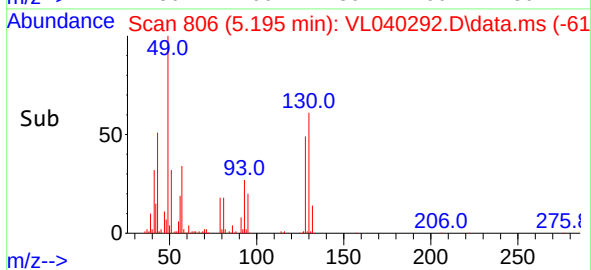
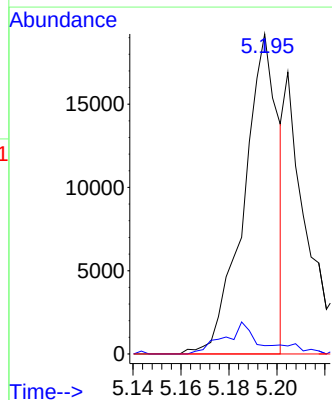
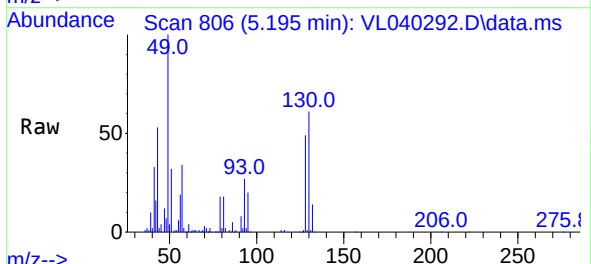
Instrument :
MSVOA_1
ClientSampleId :
SSSG-2

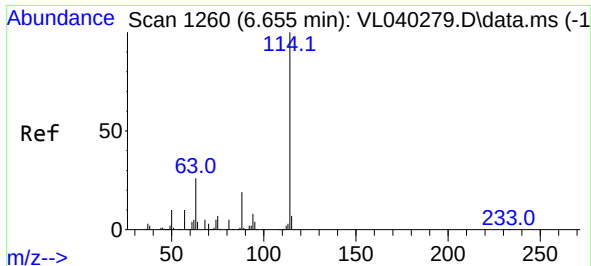
Tgt Ion: 84 Resp: 16339
Ion Ratio Lower Upper
84 100
56 207.7 109.0 163.4#
41 191.6 67.9 101.9#



#31
cis-1,2-Dichloroethene
Concen: 0.199 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.119 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

Tgt Ion: 61 Resp: 19119
Ion Ratio Lower Upper
61 100
96 2.6 51.8 77.8#
98 0.0 32.5 48.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 11

Delta R.T. -0.007 min

Lab File: VL040292.D

Acq: 16 Mar 2023 12:36

Instrument :

MSVOA_1

ClientSampleId :

SSSG-2

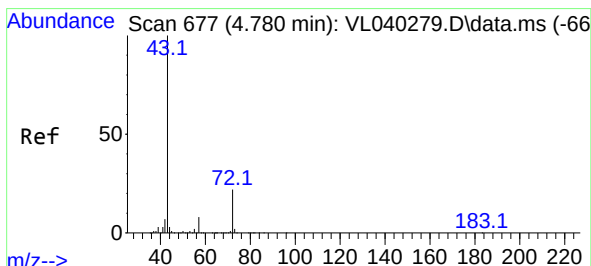
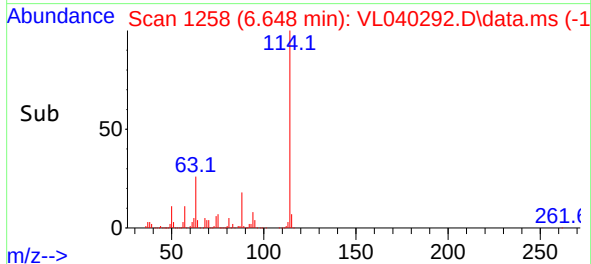
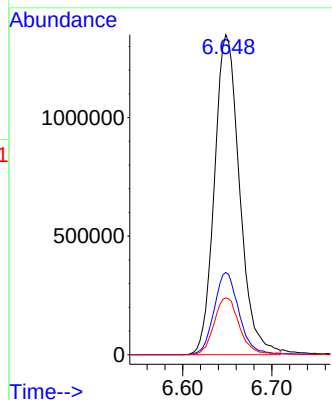
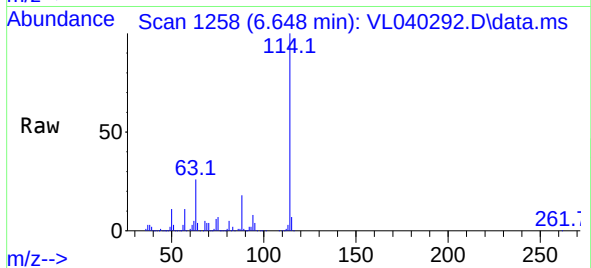
Tgt Ion:114 Resp: 2647543

Ion Ratio Lower Upper

114 100

63 25.7 21.2 31.8

88 18.0 14.5 21.7



#34

2-Butanone

Concen: 5.132 ppbv

RT: 4.777 min Scan# 676

Delta R.T. -0.003 min

Lab File: VL040292.D

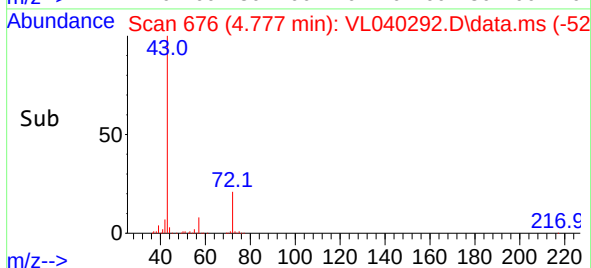
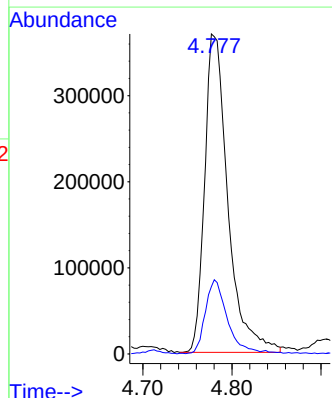
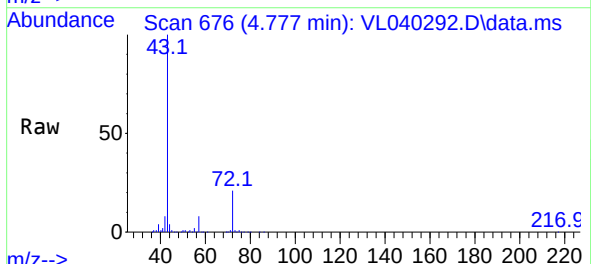
Acq: 16 Mar 2023 12:36

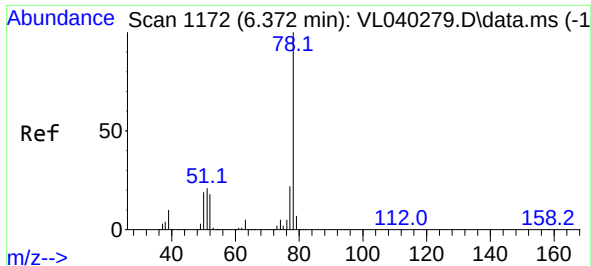
Tgt Ion: 43 Resp: 670556

Ion Ratio Lower Upper

43 100

72 23.0 18.3 27.5

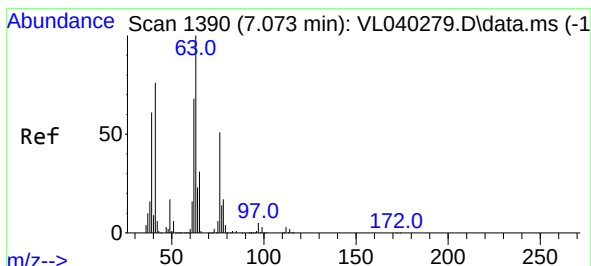
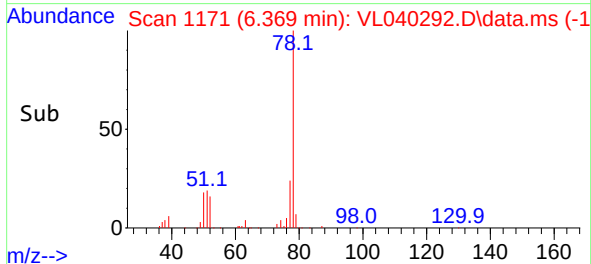
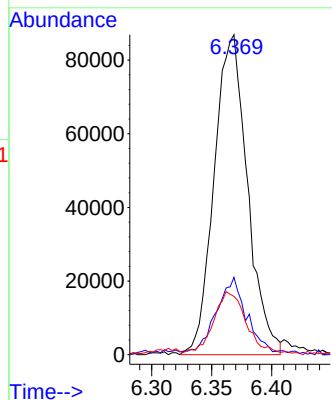
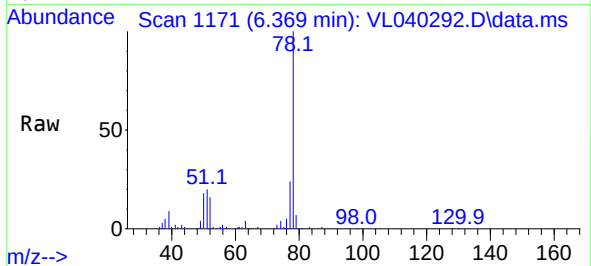




#36
Benzene
Concen: 0.833 ppbv
RT: 6.369 min Scan# 1172
Delta R.T. -0.003 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

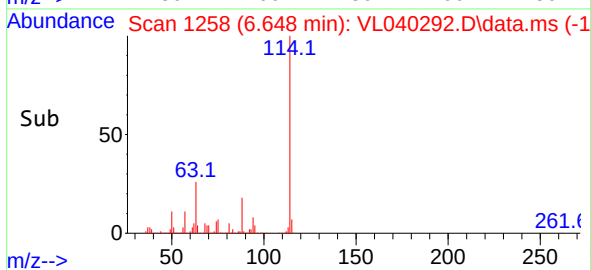
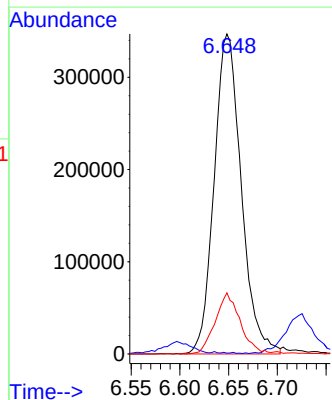
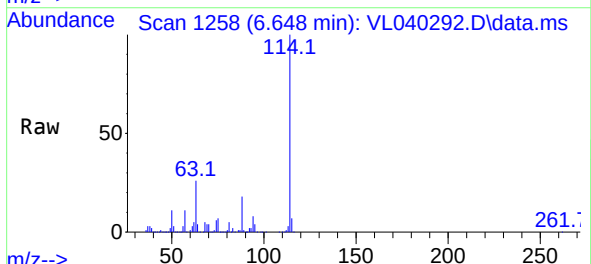
Instrument :
MSVOA_1
ClientSampleId :
SSSG-2

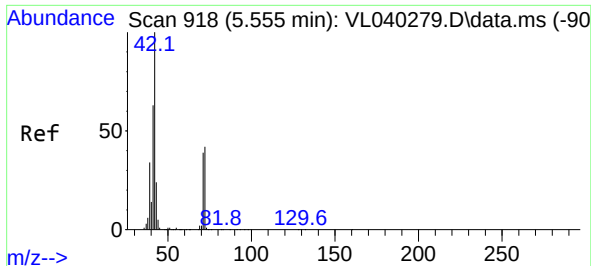
Tgt Ion: 78 Resp: 168045
Ion Ratio Lower Upper
78 100
77 23.3 17.8 26.8
50 17.5 15.4 23.2



#39
1,2-Dichloropropane
Concen: 8.479 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. -0.425 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

Tgt Ion: 63 Resp: 671159
Ion Ratio Lower Upper
63 100
41 0.0 60.8 91.2#
62 19.1 54.1 81.1#





#41

Tetrahydrofuran

Concen: 1.602 ppbv

RT: 5.558 min Scan# 918

Delta R.T. 0.003 min

Lab File: VL040292.D

Acq: 16 Mar 2023 12:36

Instrument :

MSVOA_1

ClientSampleId :

SSSG-2

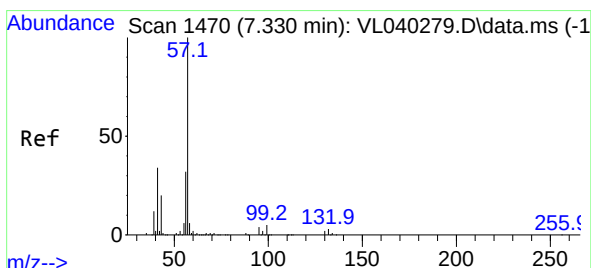
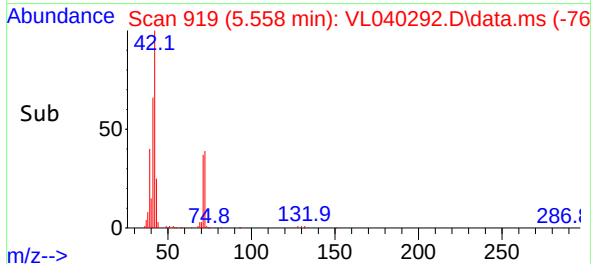
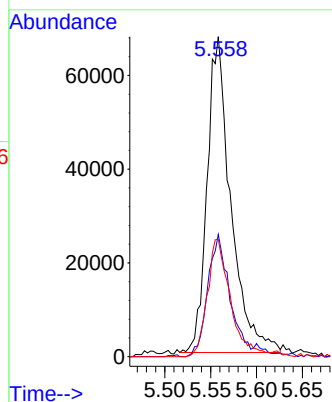
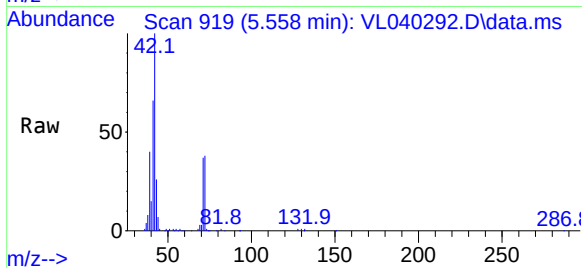
Tgt Ion: 42 Resp: 120846

Ion Ratio Lower Upper

42 100

72 39.1 32.6 49.0

71 37.1 31.0 46.4



#44

2,2,4-Trimethylpentane

Concen: 3.839 ppbv

RT: 7.323 min Scan# 1468

Delta R.T. -0.007 min

Lab File: VL040292.D

Acq: 16 Mar 2023 12:36

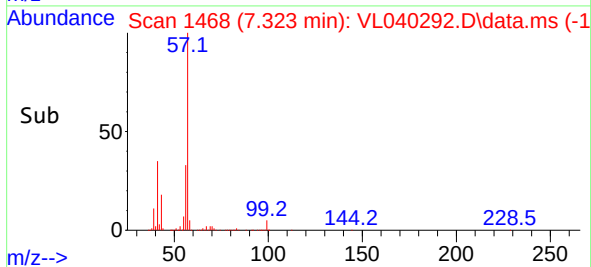
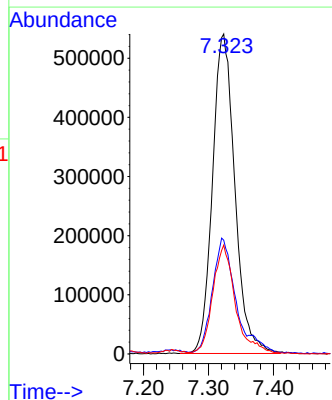
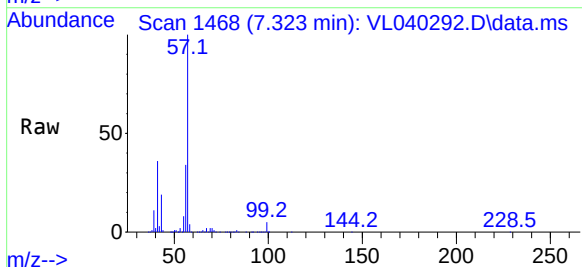
Tgt Ion: 57 Resp: 1291310

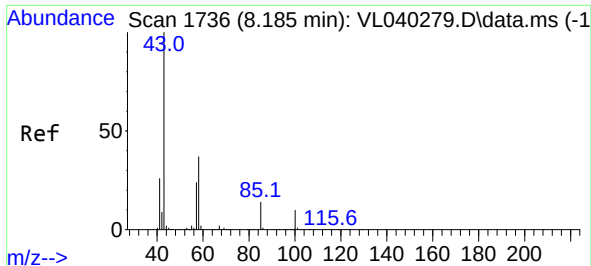
Ion Ratio Lower Upper

57 100

41 38.7 26.8 40.2

56 34.8 25.0 37.6





#50

4-Methyl-2-Pentanone

Concen: 0.629 ppbv

RT: 8.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL040292.D

Acq: 16 Mar 2023 12:36

Instrument :

MSVOA_L

ClientSampleId :

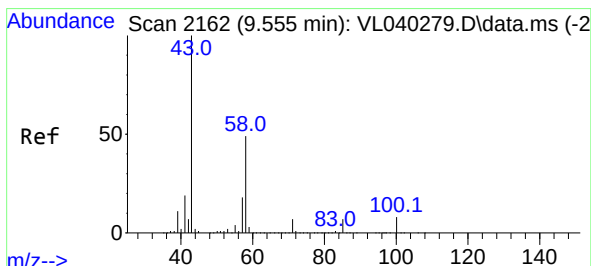
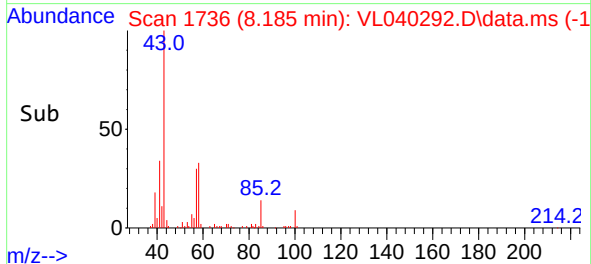
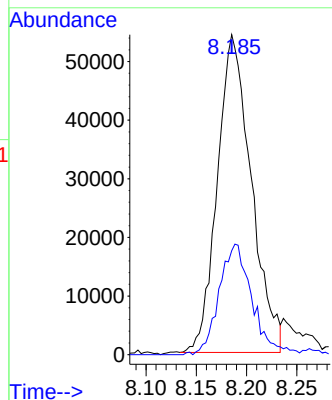
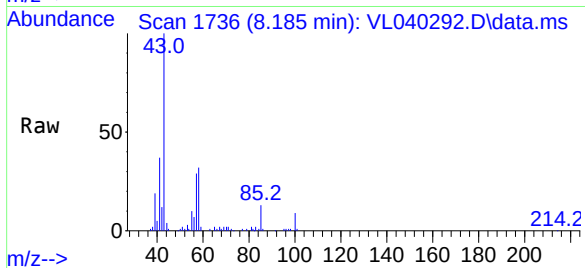
SSSG-2

Tgt Ion: 43 Resp: 127147

Ion Ratio Lower Upper

43 100

58 34.8 29.2 43.8



#51

2-Hexanone

Concen: 0.083 ppbv

RT: 9.529 min Scan# 2154

Delta R.T. -0.026 min

Lab File: VL040292.D

Acq: 16 Mar 2023 12:36

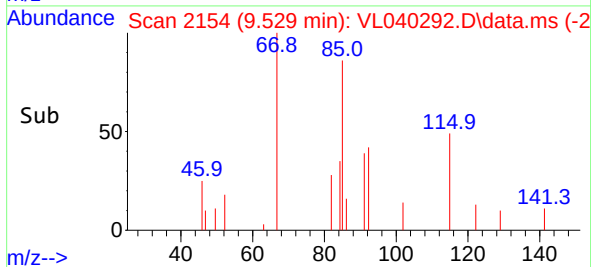
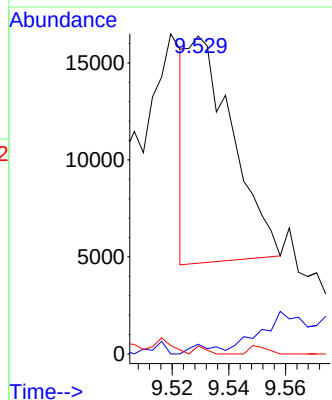
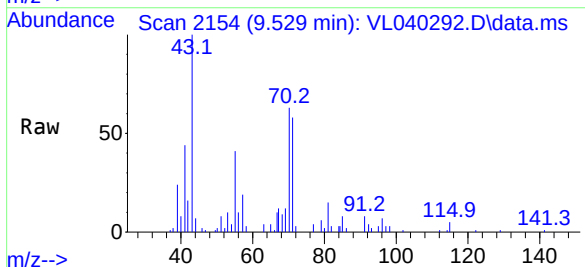
Tgt Ion: 43 Resp: 13020

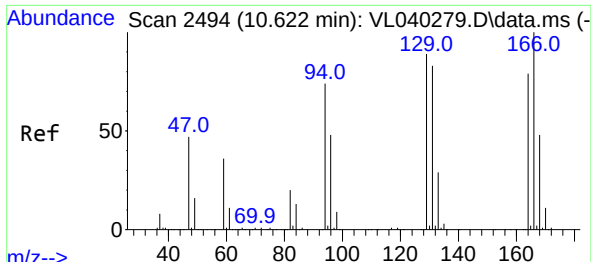
Ion Ratio Lower Upper

43 100

58 38.9 38.0 57.0

98 5.0 0.5 0.7#

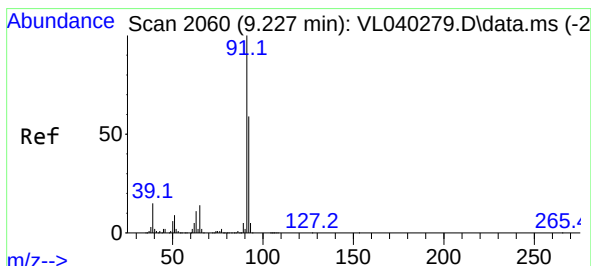
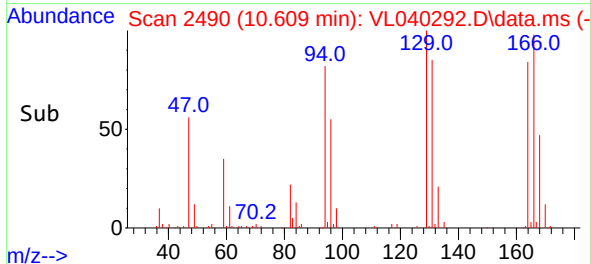
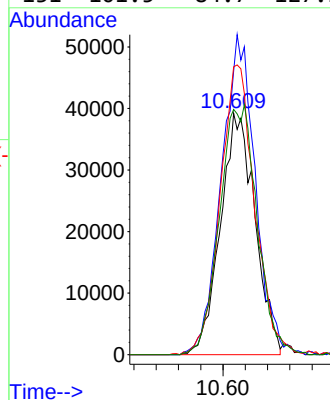
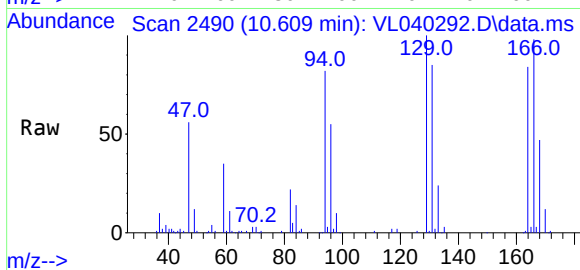




#52
Tetrachloroethene
Concen: 1.384 ppbv
RT: 10.609 min Scan# 2494
Delta R.T. -0.013 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

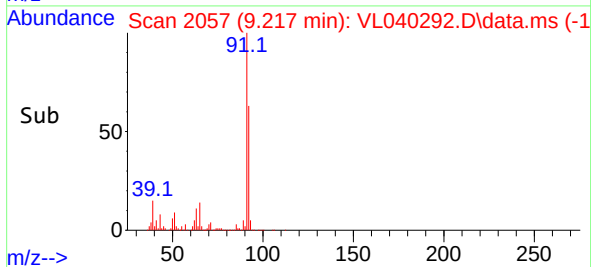
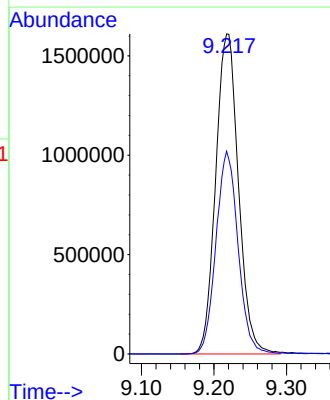
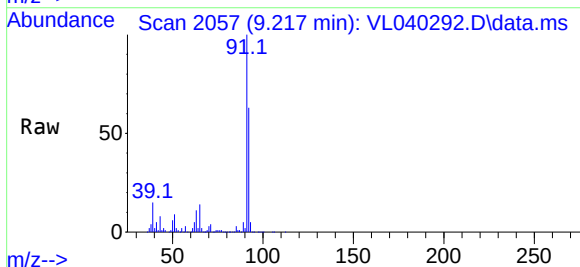
Instrument :
MSVOA_1
ClientSampleId :
SSSG-2

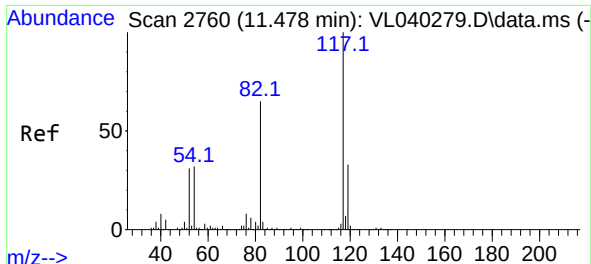
Tgt Ion:164 Resp: 84455
Ion Ratio Lower Upper
164 100
166 117.4 101.8 152.6
129 119.2 90.2 135.2
131 101.5 84.7 127.1



#53
Toluene
Concen: 16.624 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. -0.010 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

Tgt Ion: 91 Resp: 3514922
Ion Ratio Lower Upper
91 100
92 61.5 48.0 72.0

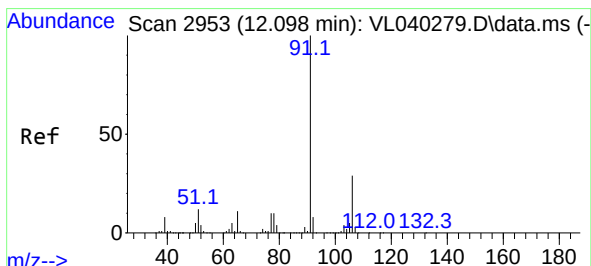
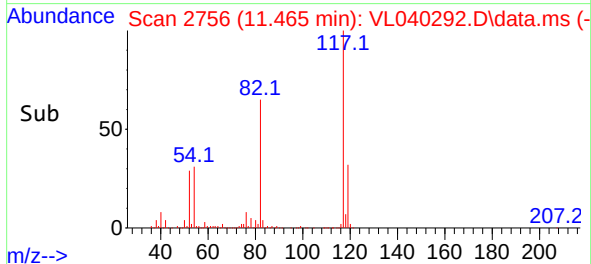
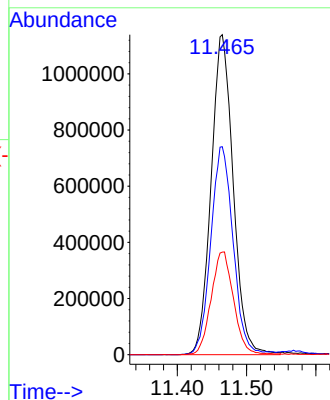
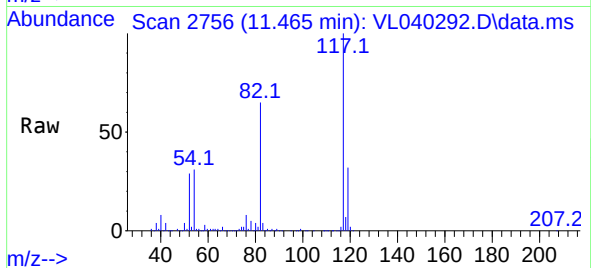




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

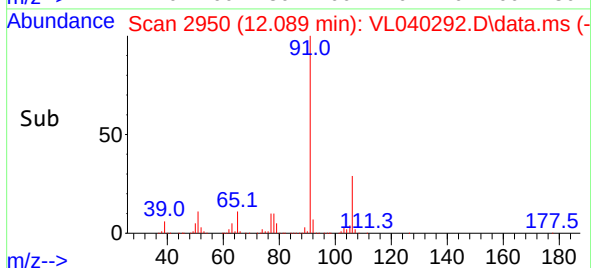
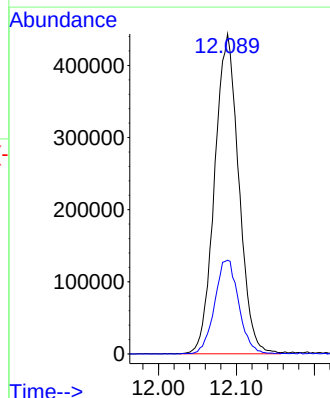
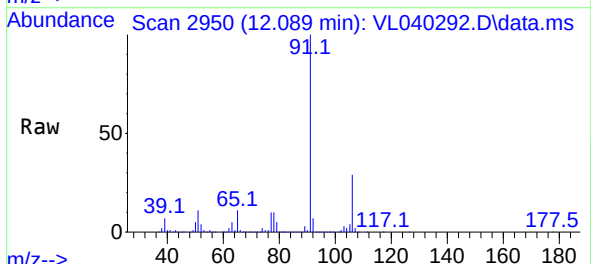
Instrument :
MSVOA_1
ClientSampleId :
SSSG-2

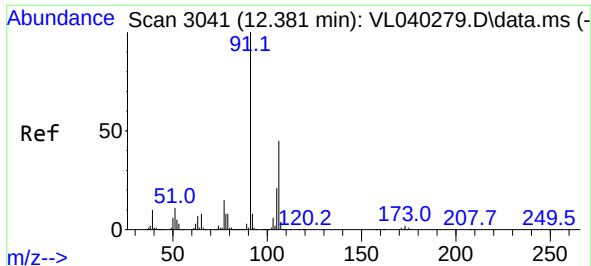
Tgt Ion:117 Resp: 2525812
Ion Ratio Lower Upper
117 100
82 66.1 51.4 77.2
119 32.7 24.0 36.0



#58
Ethyl Benzene
Concen: 3.319 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. -0.009 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

Tgt Ion: 91 Resp: 954606
Ion Ratio Lower Upper
91 100
106 29.3 23.4 35.2





#59

m/p-Xylene

Concen: 11.774 ppbv

RT: 12.343 min Scan# 3041

Delta R.T. -0.038 min

Lab File: VL040292.D

Acq: 16 Mar 2023 12:36

Instrument :

MSVOA_1

ClientSampleId :

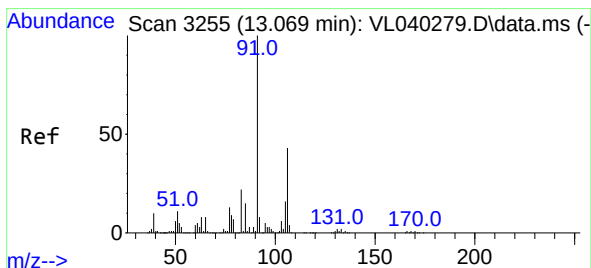
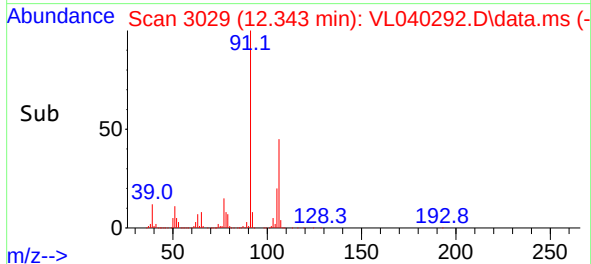
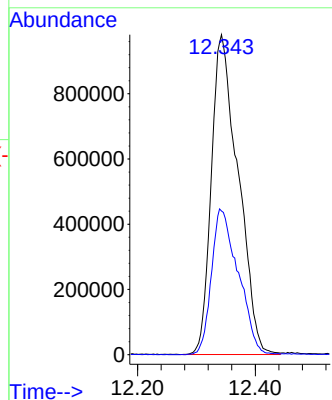
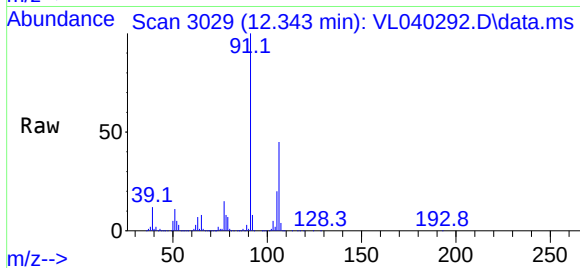
SSSG-2

Tgt Ion: 91 Resp: 3101950

Ion Ratio Lower Upper

91 100

106 45.8 34.0 51.0



#60

o-Xylene

Concen: 4.954 ppbv

RT: 13.060 min Scan# 3252

Delta R.T. -0.009 min

Lab File: VL040292.D

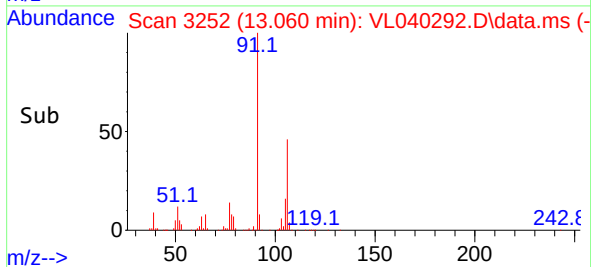
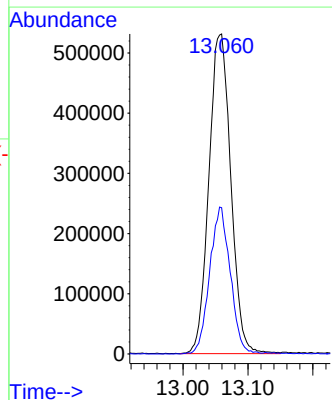
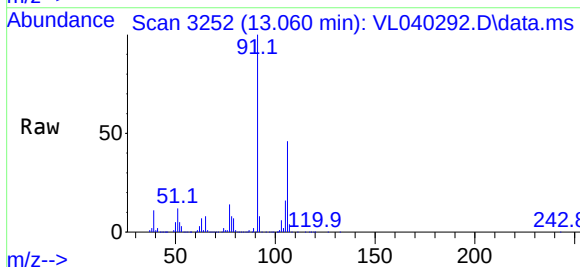
Acq: 16 Mar 2023 12:36

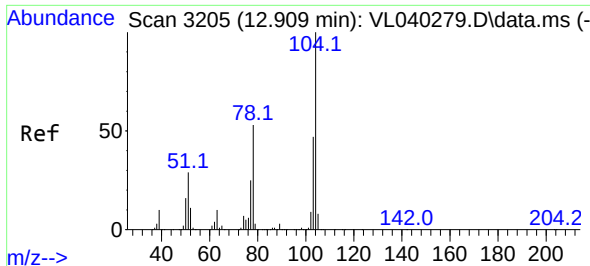
Tgt Ion: 91 Resp: 1247659

Ion Ratio Lower Upper

91 100

106 43.5 21.7 65.1

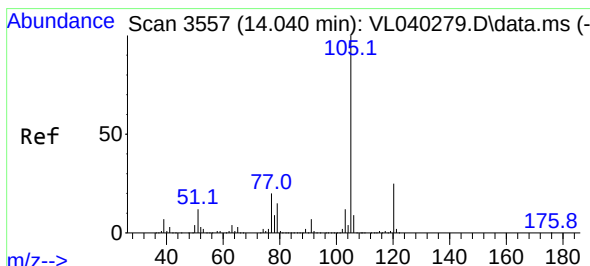
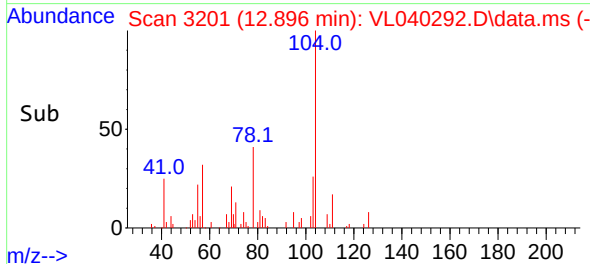
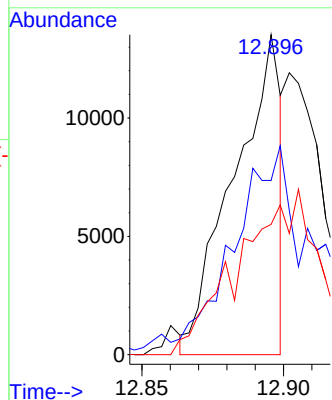
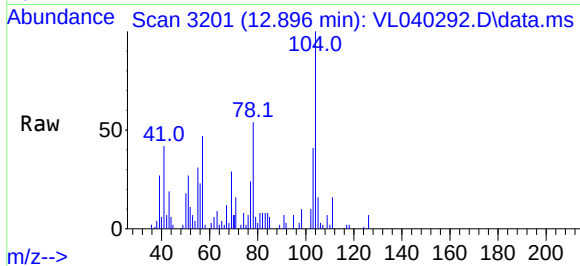




#61
Styrene
Concen: 0.122 ppbv
RT: 12.896 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

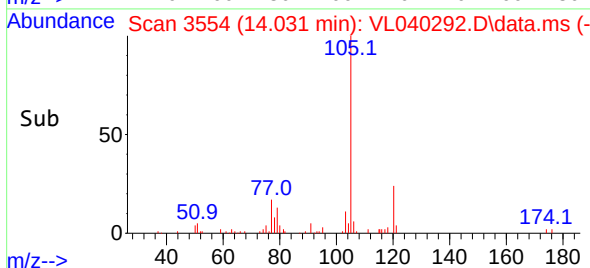
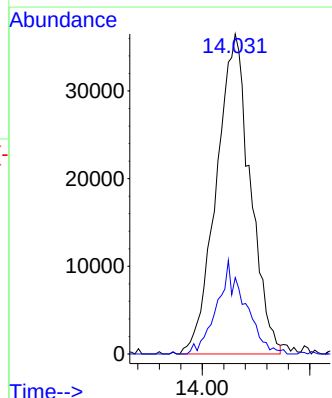
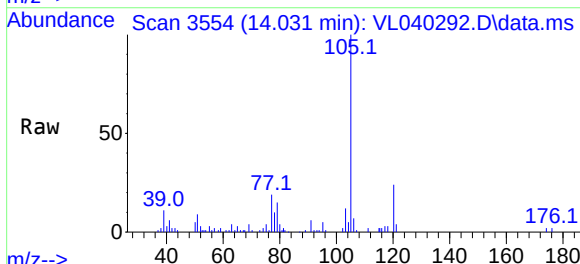
Instrument :
MSVOA_1
ClientSampleId :
SSSG-2

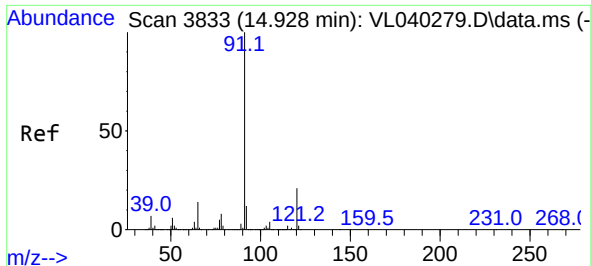
Tgt Ion:104 Resp: 15570
Ion Ratio Lower Upper
104 100
78 0.0 43.7 65.5#
103 0.0 37.4 56.2#



#62
Isopropylbenzene
Concen: 0.223 ppbv
RT: 14.031 min Scan# 3554
Delta R.T. -0.009 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

Tgt Ion:105 Resp: 79945
Ion Ratio Lower Upper
105 100
120 24.6 19.9 29.9

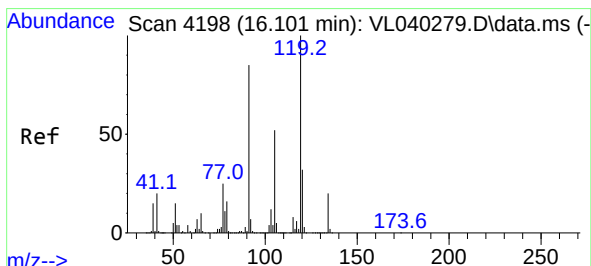
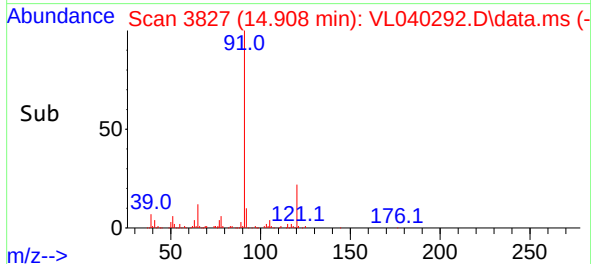
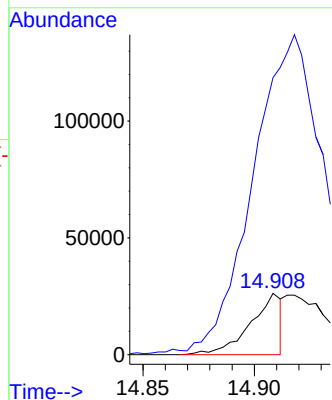
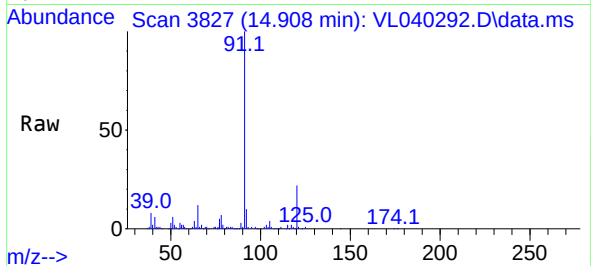




#64
n-propylbenzene
Concen: 0.290 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. -0.020 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

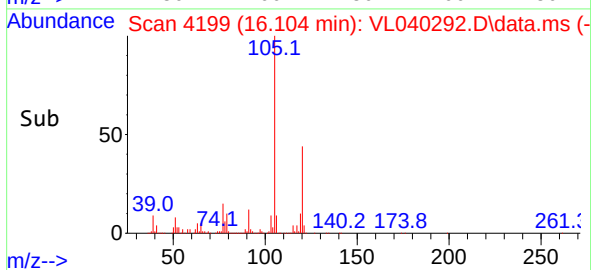
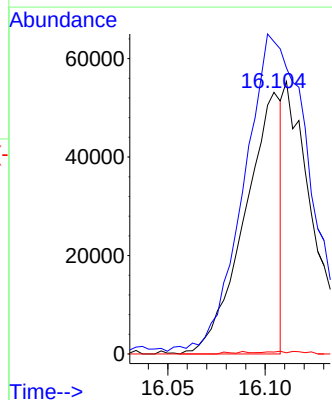
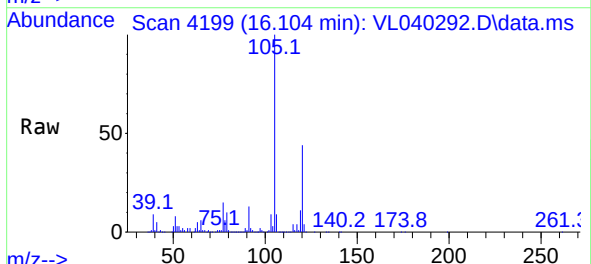
Instrument :
MSVOA_1
ClientSampleId :
SSSG-2

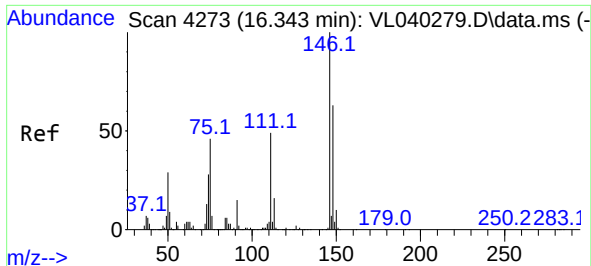
Tgt Ion:120 Resp: 25465
Ion Ratio Lower Upper
120 100
91 0.0 399.0 598.6#



#65
tert-Butylbenzene
Concen: 0.226 ppbv
RT: 16.104 min Scan# 4199
Delta R.T. 0.003 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

Tgt Ion:119 Resp: 69739
Ion Ratio Lower Upper
119 100
91 221.2 69.4 104.2#
134 0.0 15.8 23.6#

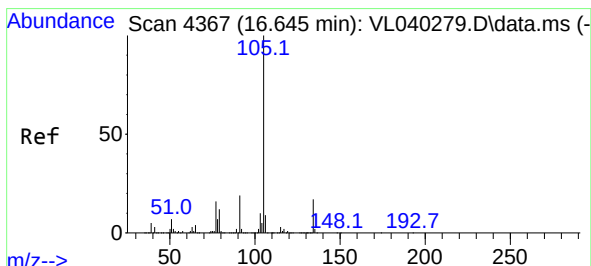
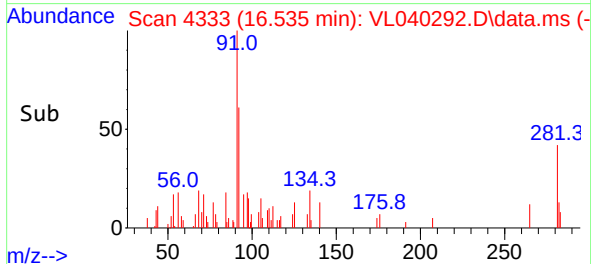
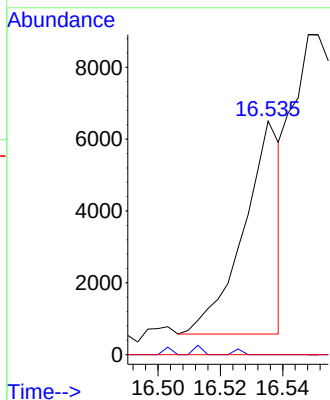
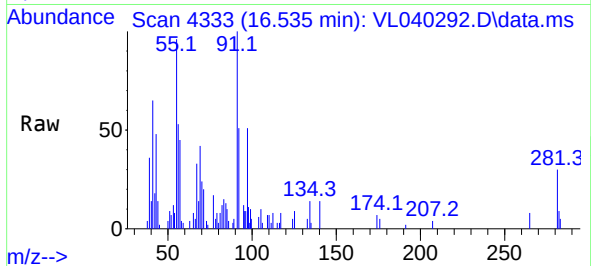




#66
Benzyl Chloride
Concen: 0.241 ppbv
RT: 16.535 min Scan# 41
Delta R.T. 0.192 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

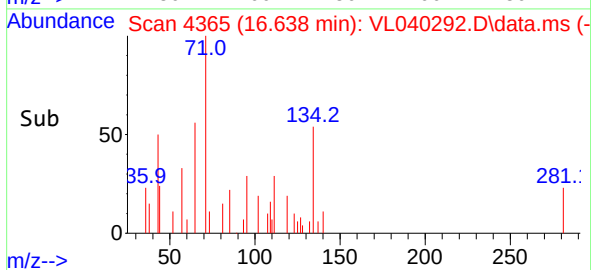
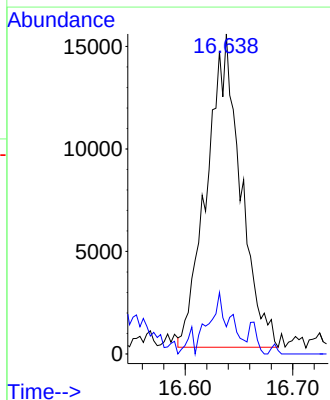
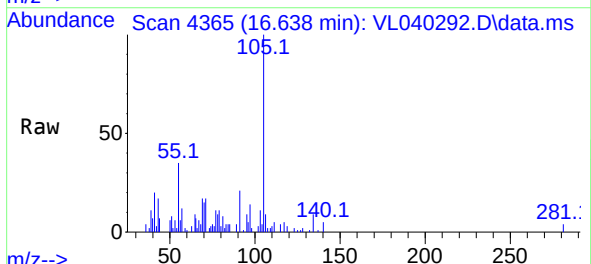
Instrument :
MSVOA_1
ClientSampleId :
SSSG-2

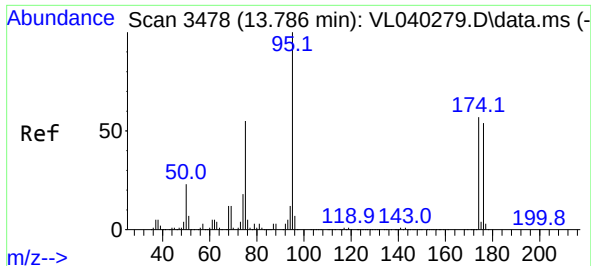
Tgt Ion: 91 Resp: 4847
Ion Ratio Lower Upper
91 100
126 0.0 12.1 18.1#
128 0.8 3.8 5.6#



#67
sec-Butylbenzene
Concen: 0.076 ppbv
RT: 16.638 min Scan# 4365
Delta R.T. -0.007 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

Tgt Ion: 105 Resp: 33481
Ion Ratio Lower Upper
105 100
134 15.4 14.0 21.0

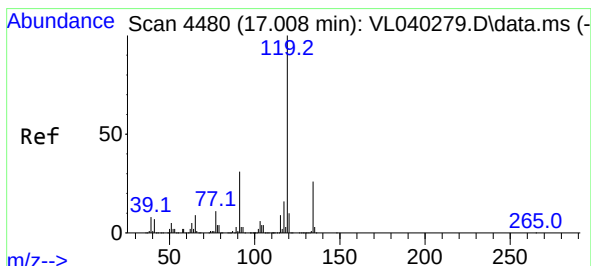
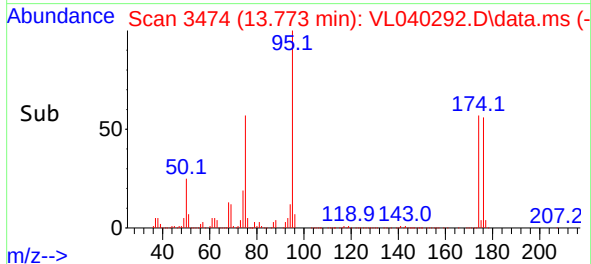
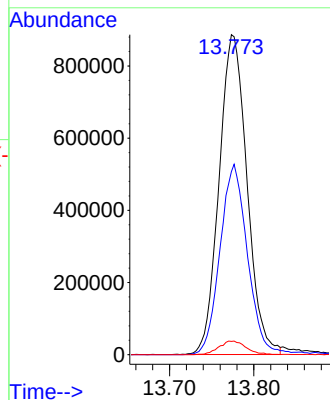
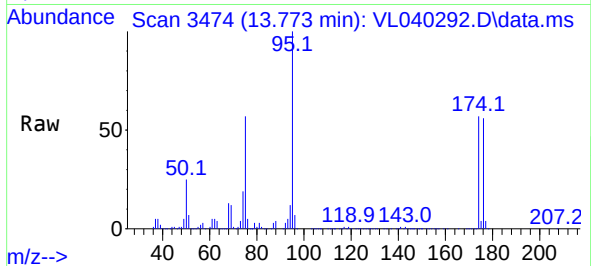




#68
1-Bromo-4-Fluorobenzene
Concen: 9.644 ppbv
RT: 13.773 min Scan# 3474
Delta R.T. -0.013 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

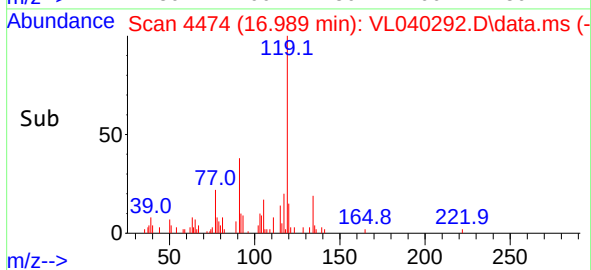
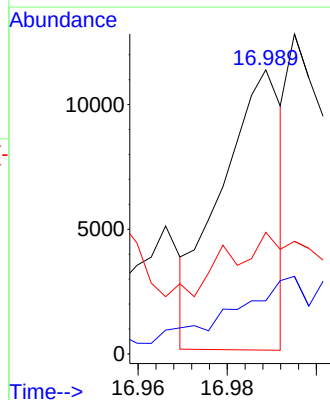
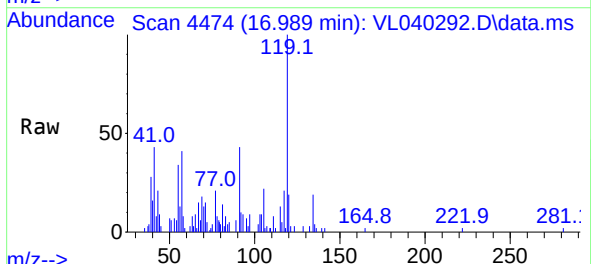
Instrument :
MSVOA_1
ClientSampleId :
SSSG-2

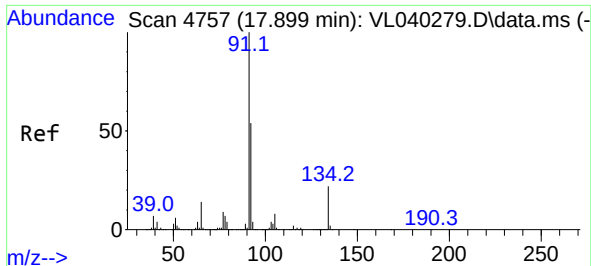
Tgt Ion: 95 Resp: 2039863
Ion Ratio Lower Upper
95 100
174 59.6 47.0 70.6
175 4.2 3.4 5.2



#69
p-Isopropyltoluene
Concen: 0.031 ppbv
RT: 16.989 min Scan# 4474
Delta R.T. -0.019 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

Tgt Ion: 119 Resp: 10672
Ion Ratio Lower Upper
119 100
134 0.0 20.2 30.2#
91 89.7 25.1 37.7#

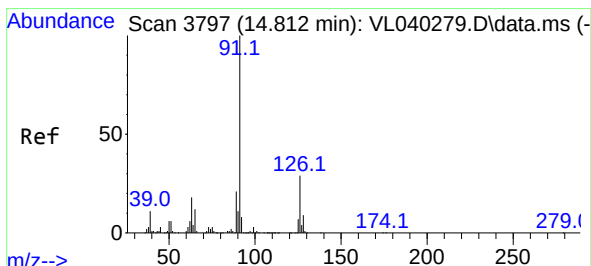
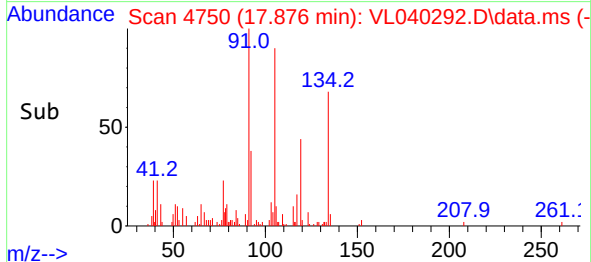
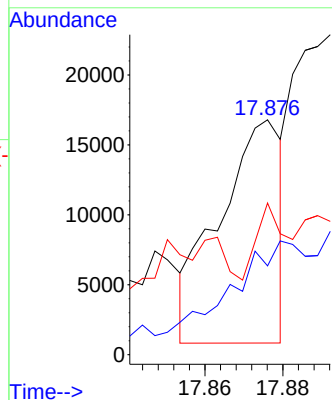
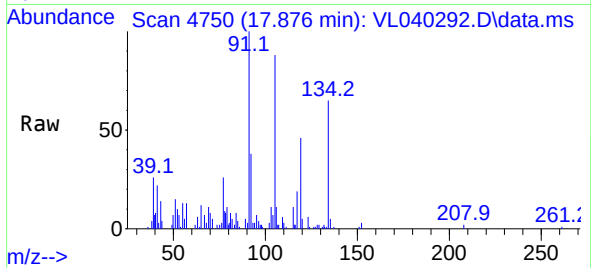




#70
n-Butylbenzene
Concen: 0.047 ppbv
RT: 17.876 min Scan# 41
Delta R.T. -0.023 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

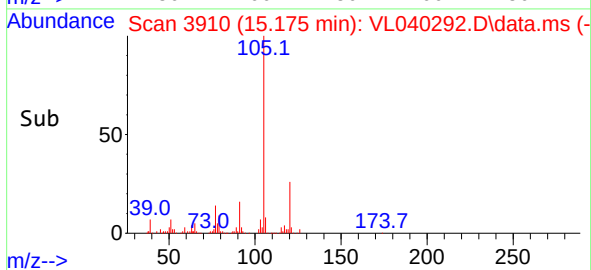
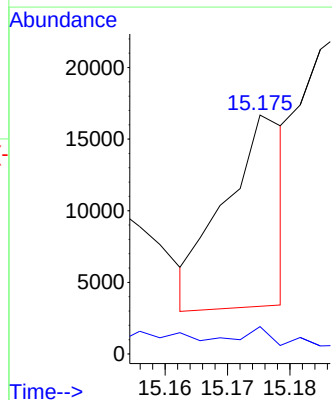
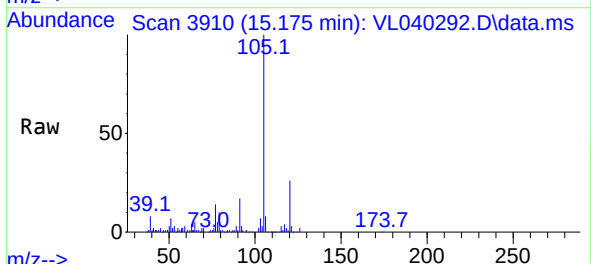
Instrument :
MSVOA_1
ClientSampleId :
SSSG-2

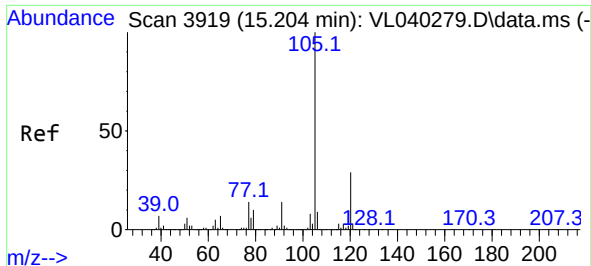
Tgt Ion: 91 Resp: 17780
Ion Ratio Lower Upper
91 100
92 0.0 42.9 64.3#
134 91.9 16.8 25.2#



#71
2-Chlorotoluene
Concen: 0.033 ppbv
RT: 15.175 min Scan# 3910
Delta R.T. 0.363 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

Tgt Ion: 91 Resp: 8993
Ion Ratio Lower Upper
91 100
126 37.0 11.8 47.4



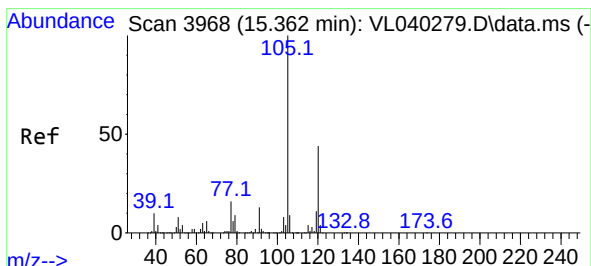
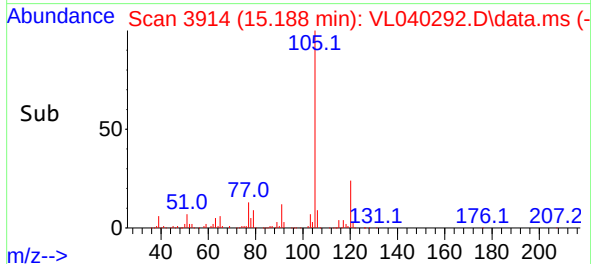
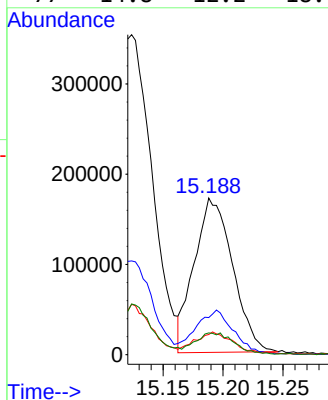
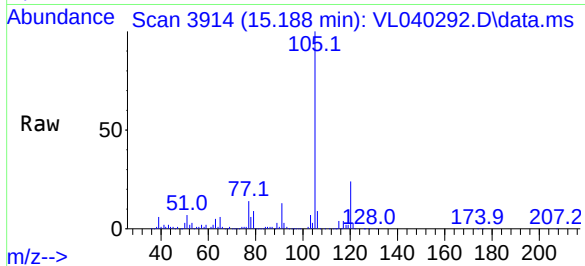


#72
4-Ethyltoluene
Concen: 1.385 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. -0.016 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

Instrument :
MSVOA_1
ClientSampleId :
SSSG-2

Tgt Ion:105 Resp: 381512

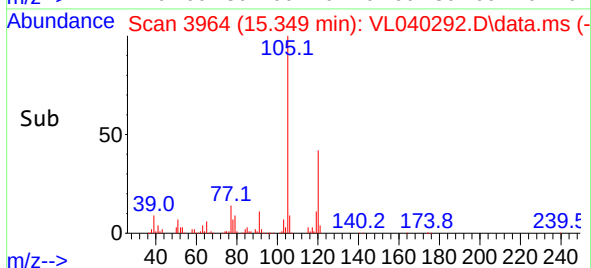
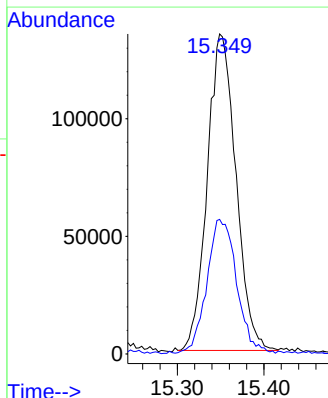
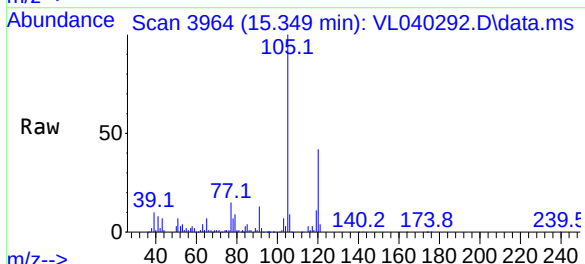
Ion	Ratio	Lower	Upper
105	100		
120	29.5	23.7	35.5
91	15.0	11.6	17.4
77	14.8	12.2	18.4

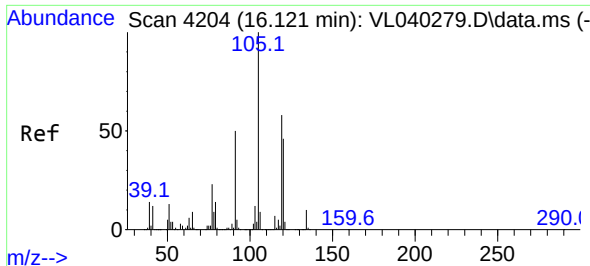


#73
1,3,5-Trimethylbenzene
Concen: 1.240 ppbv
RT: 15.349 min Scan# 3964
Delta R.T. -0.013 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

Tgt Ion:105 Resp: 309298

Ion	Ratio	Lower	Upper
105	100		
120	42.1	34.9	52.3

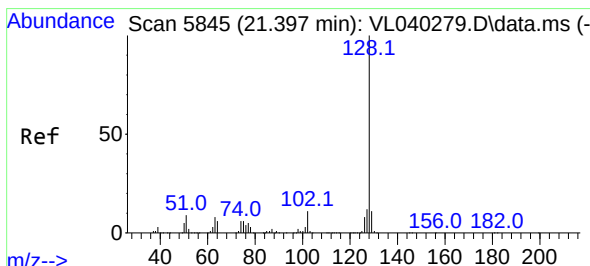
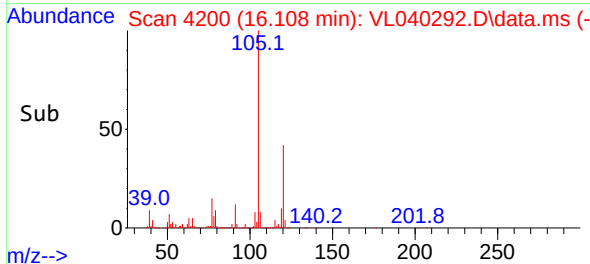
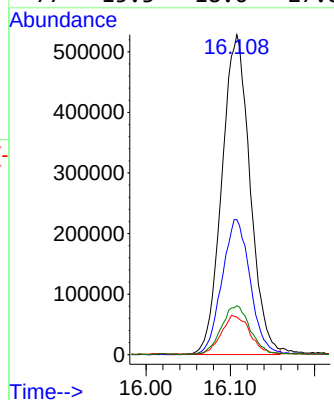
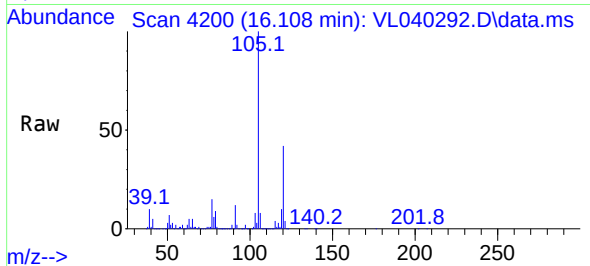




#74
1,2,4-Trimethylbenzene
Concen: 4.300 ppbv
RT: 16.108 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

Instrument :
MSVOA_1
ClientSampleId :
SSSG-2

Tgt Ion:105 Resp: 1222992
Ion Ratio Lower Upper
105 100
120 42.2 36.6 54.8
91 11.6 39.9 59.9#
77 15.3 18.6 27.8#



#79
Naphthalene
Concen: 0.209 ppbv
RT: 21.400 min Scan# 5846
Delta R.T. 0.003 min
Lab File: VL040292.D
Acq: 16 Mar 2023 12:36

Tgt Ion:128 Resp: 35213
Ion Ratio Lower Upper
128 100
127 14.4 9.6 14.4
129 9.5 8.6 13.0

