

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021623\
 Data File : VL040185.D
 Acq On : 16 Feb 2023 19:42
 Operator : SY/MD
 Sample : 01550-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-03

Quant Time: Feb 17 03:32:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 15 17:01:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	868137	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2246215	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2064902	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1578719	9.298	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.716	85	20723	0.128	ppbv	95
3) Chlorodifluoromethane	2.665	51	27818	0.268	ppbv #	82
4) Chloromethane	2.800	50	7993	0.123	ppbv	91
9) Propene	2.858	41	468562	11.084	ppbv	84
10) Heptane	7.574	43	293684	2.919	ppbv	98
11) Trichlorofluoromethane	3.552	101	71530	0.493	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.057	101	3243	0.030	ppbv #	3
13) Ethanol	3.227	45	19639	5.046	ppbv #	41
15) Acetone	3.452	43	3179695	30.422	ppbv #	78
16) 1,3-Butadiene	2.954	39	193553	4.055	ppbv #	19
17) tert-Butyl alcohol	3.867	59	396243	4.157	ppbv	99
19) Isopropyl Alcohol	3.565	45	61289	1.234	ppbv #	90
20) Methylene Chloride	3.922	84	236624	4.349	ppbv	93
21) Allyl Chloride	3.944	41	75061	1.171	ppbv #	60
23) Vinyl Acetate	4.597	43	221948	6.997	ppbv #	1
25) Ethyl Acetate	5.208	43	984888	5.069	ppbv #	75
26) Hexane	5.208	57	1465444	17.569	ppbv #	35
27) Carbon Disulfide	4.118	76	45308	0.428	ppbv #	95
29) Chloroform	5.269	83	35662	0.249	ppbv	97
30) Cyclohexane	6.600	84	9703	0.148	ppbv #	14
34) 2-Butanone	4.777	43	449910	4.060	ppbv	94
36) Benzene	6.365	78	128005	0.732	ppbv	97
39) 1,2-Dichloropropane	6.648	63	543871	7.998	ppbv #	25
41) Tetrahydrofuran	5.620	42	5879	0.092	ppbv #	83
42) Bromodichloromethane	7.253	83	6597	0.044	ppbv #	33
44) 2,2,4-Trimethylpentane	7.320	57	236532	0.811	ppbv #	85
50) 4-Methyl-2-Pentanone	8.189	43	5874	0.034	ppbv #	1
51) 2-Hexanone	9.552	43	335770	2.538	ppbv #	96
52) Tetrachloroethene	10.616	164	16823	0.308	ppbv	95
53) Toluene	9.221	91	770635	4.116	ppbv	100
58) Ethyl Benzene	12.095	91	283671	1.131	ppbv	95
59) m/p-Xylene	12.346	91	940043	4.230	ppbv	95
60) o-Xylene	13.066	91	397444	1.859	ppbv	98
61) Styrene	12.902	104	2483	0.022	ppbv #	1
62) Isopropylbenzene	14.037	105	38364	0.125	ppbv	98
64) n-propylbenzene	14.921	120	31393	0.413	ppbv	94
65) tert-Butylbenzene	16.111	119	55162	0.207	ppbv #	67
66) Benzyl Chloride	16.343	91	454	0.026	ppbv #	59
67) sec-Butylbenzene	16.645	105	8751	0.023	ppbv #	60
69) p-Isopropyltoluene	17.011	119	7061	0.023	ppbv #	23
70) n-Butylbenzene	17.899	91	8026	0.024	ppbv #	33
71) 2-Chlorotoluene	15.201	91	9311	0.040	ppbv	73
72) 4-Ethyltoluene	15.201	105	165925	0.702	ppbv	98

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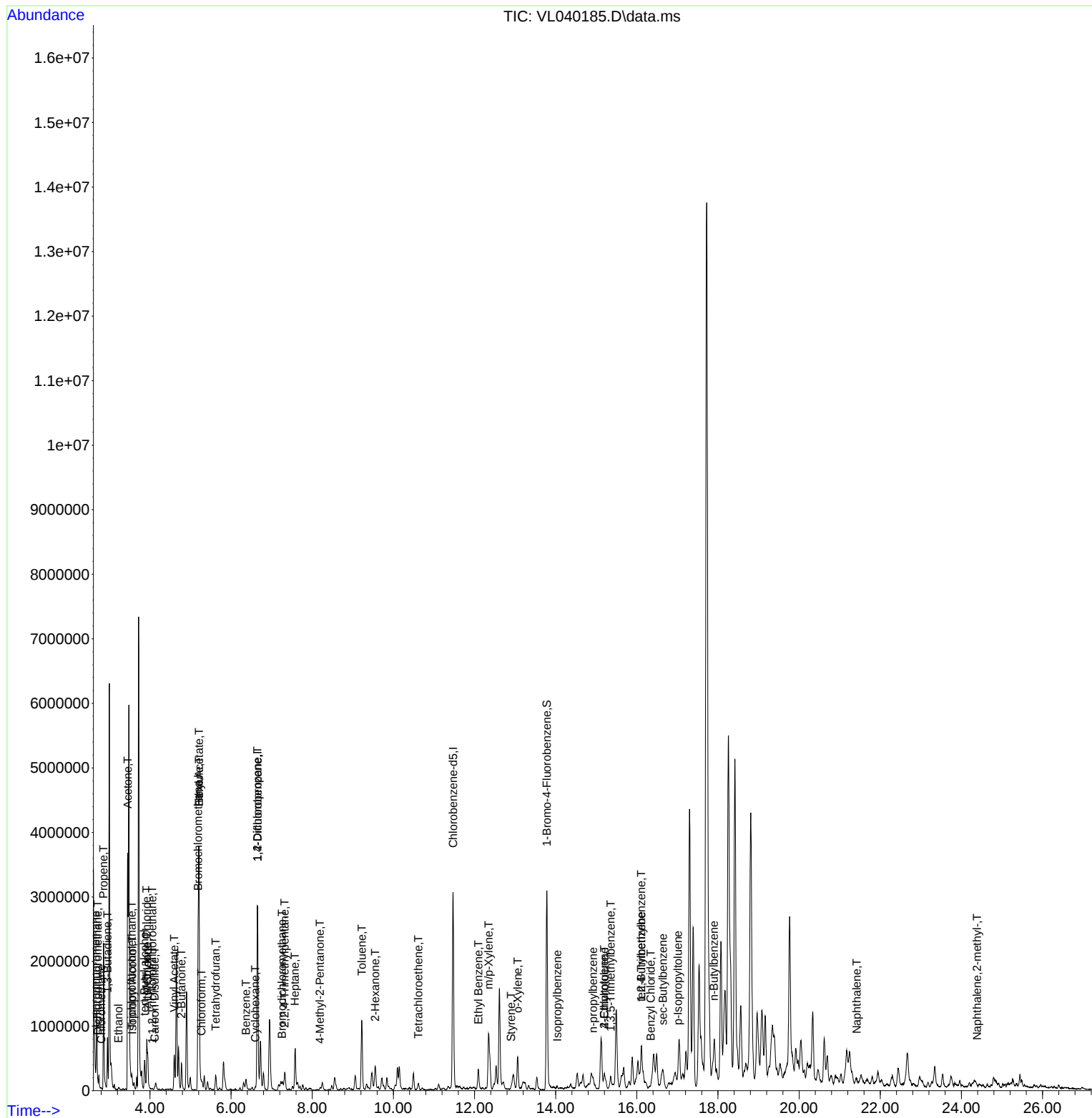
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) 1,3,5-Trimethylbenzene	15.355	105	130931	0.595	ppbv	92
74) 1,2,4-Trimethylbenzene	16.111	105	498639	2.064	ppbv #	67
79) Naphthalene	21.420	128	5407	0.040	ppbv	95
80) Naphthalene,2-methyl-	24.384	142	6978	0.181	ppbv	90

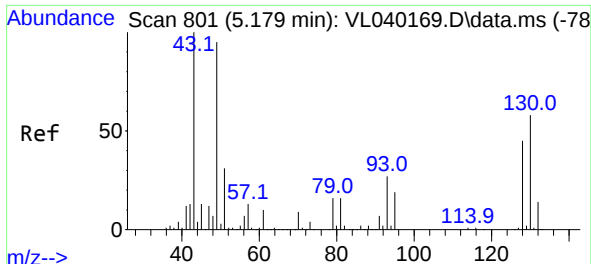
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.185 min Scan# 80

Delta R.T. 0.006 min

Lab File: VL040185.D

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ClientSampleId :

SVP-03

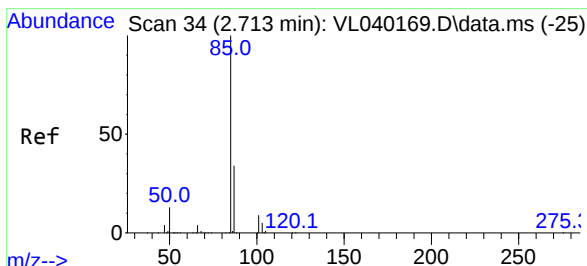
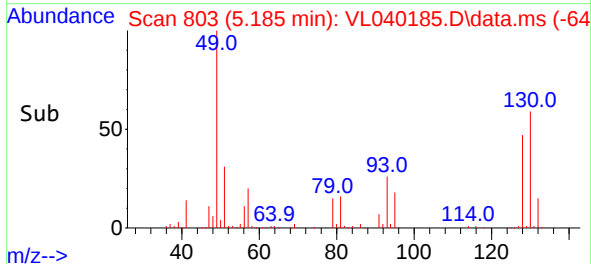
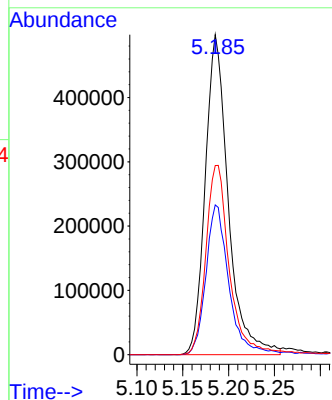
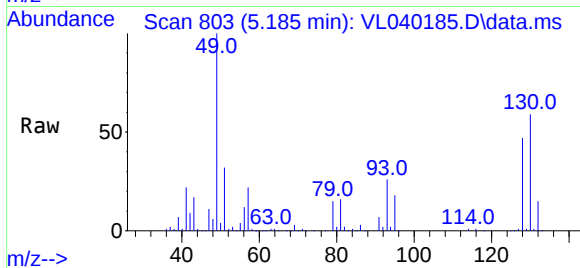
Tgt Ion: 49 Resp: 868137

Ion Ratio Lower Upper

49 100

128 47.6 24.1 72.3

130 62.1 30.9 92.8



#2

Dichlorodifluoromethane

Concen: 0.128 ppbv

RT: 2.716 min Scan# 35

Delta R.T. 0.003 min

Lab File: VL040185.D

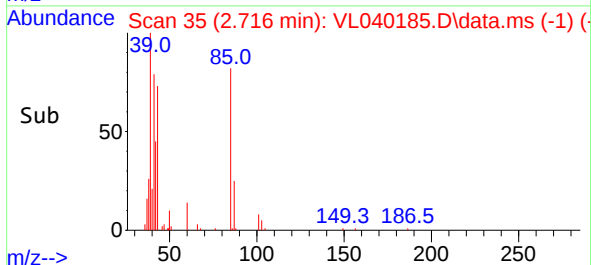
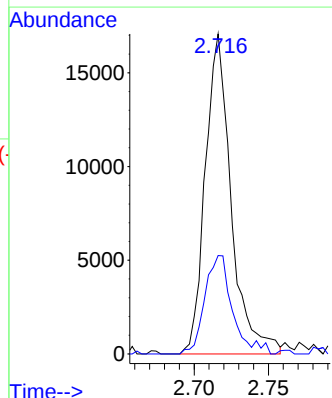
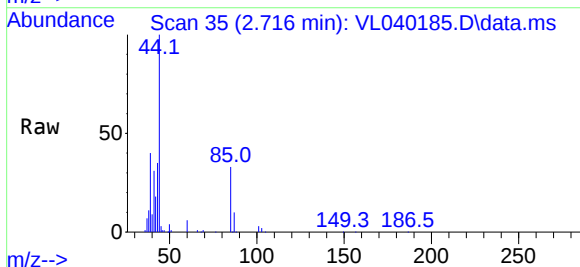
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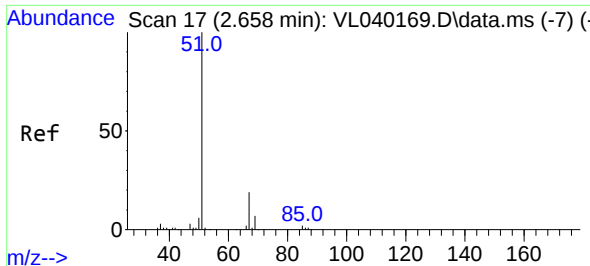
Tgt Ion: 85 Resp: 20723

Ion Ratio Lower Upper

85 100

87 30.8 27.0 40.6

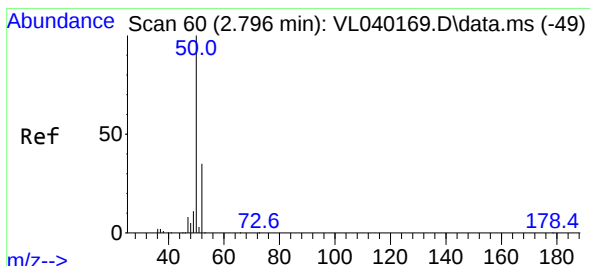
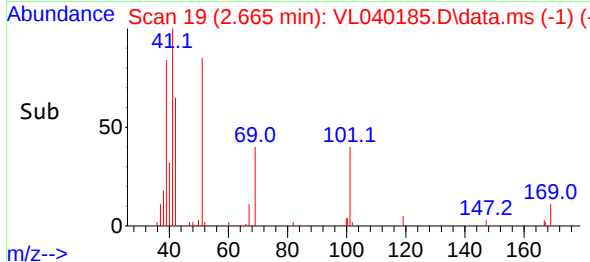
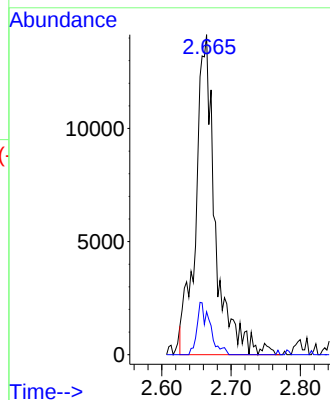
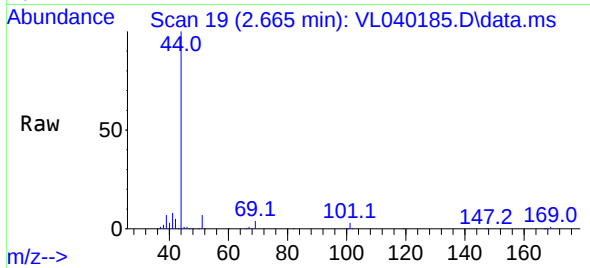




#3
Chlorodifluoromethane
Concen: 0.268 ppbv
RT: 2.665 min Scan# 19
Delta R.T. 0.007 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

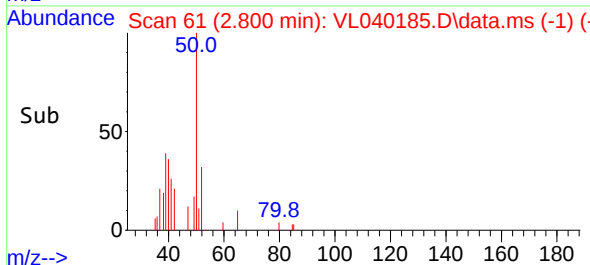
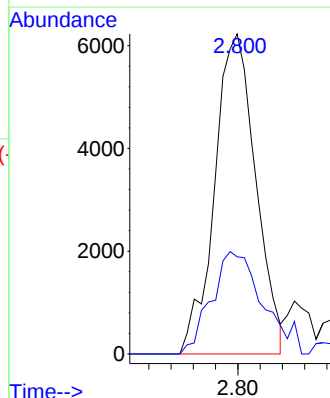
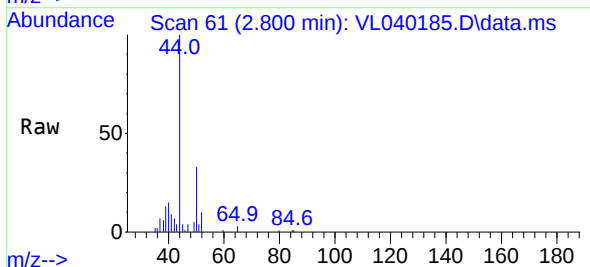
Instrument :
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SVP-03

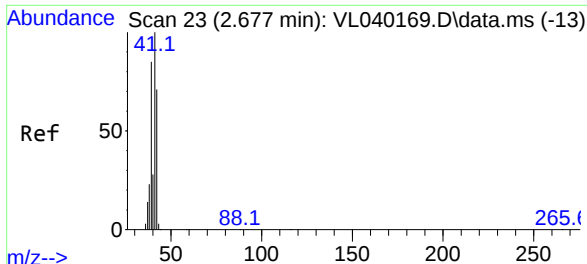
Tgt Ion: 51 Resp: 27818
Ion Ratio Lower Upper
51 100
67 11.0 15.4 23.2#



#4
Chloromethane
Concen: 0.123 ppbv
RT: 2.800 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

Tgt Ion: 50 Resp: 7993
Ion Ratio Lower Upper
50 100
52 30.4 28.3 42.5





#9

Propene

Concen: 11.084 ppbv

RT: 2.858 min Scan# 79

Delta R.T. 0.180 min

Lab File: VL040185.D

Acq: 16 Feb 2023 19:42

Instrument :

MSVOA_L

ClientSampleId :

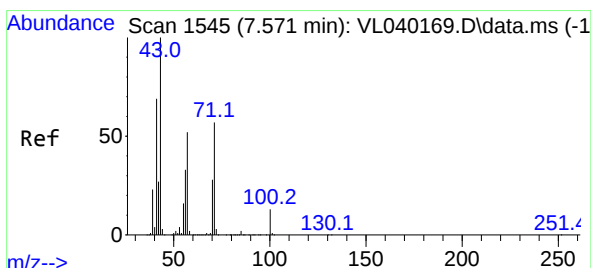
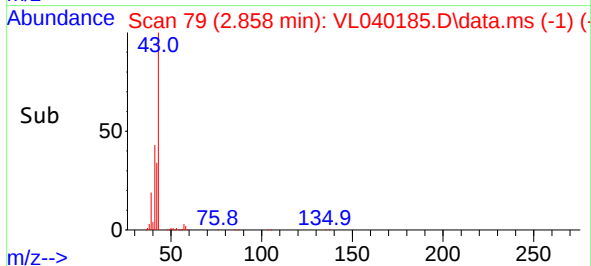
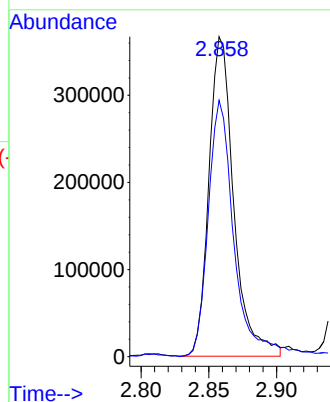
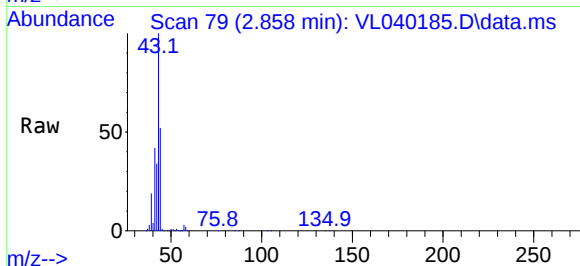
SVP-03

Tgt Ion: 41 Resp: 468562

Ion Ratio Lower Upper

41 100

42 84.4 56.9 85.3



#10

Heptane

Concen: 2.919 ppbv

RT: 7.574 min Scan# 1546

Delta R.T. 0.003 min

Lab File: VL040185.D

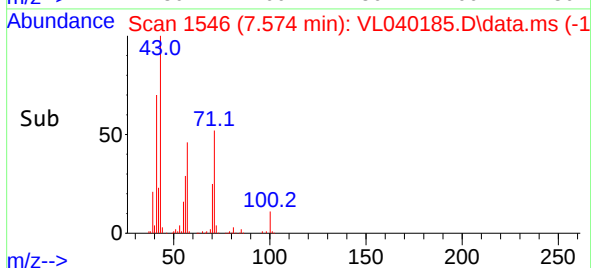
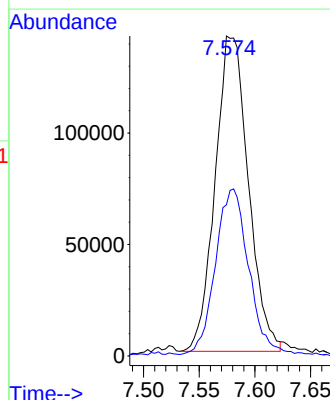
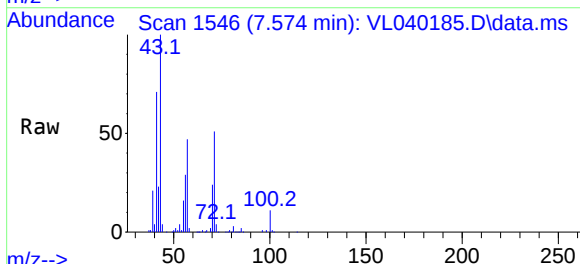
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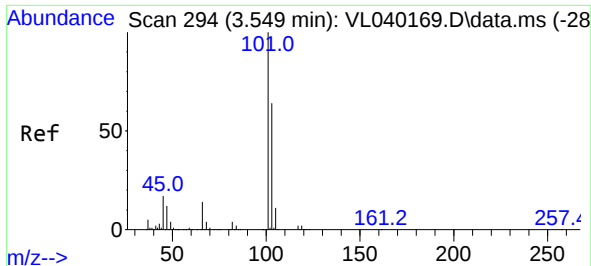
Tgt Ion: 43 Resp: 293684

Ion Ratio Lower Upper

43 100

57 53.5 41.4 62.2

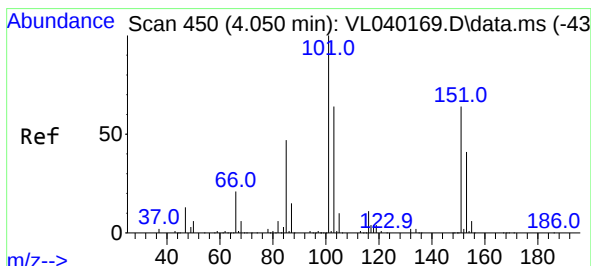
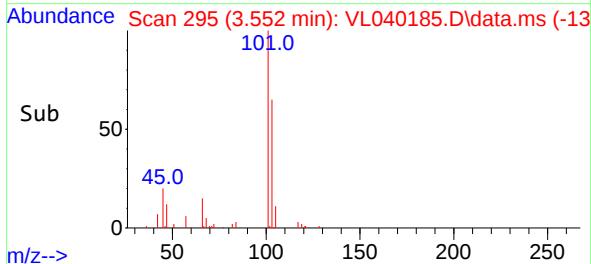
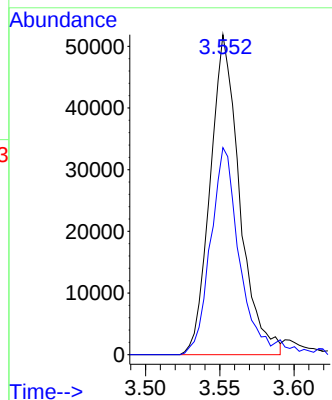
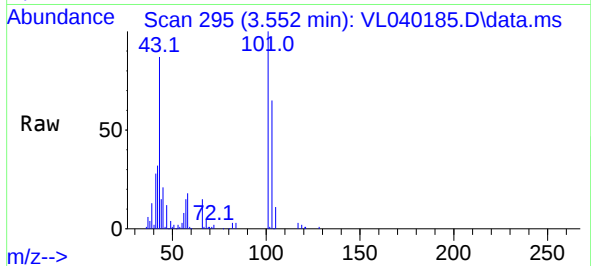




#11
 Trichlorofluoromethane
 Concen: 0.493 ppbv
 RT: 3.552 min Scan# 294
 Delta R.T. 0.003 min
 Lab File: VL040185.D
 Acq: 16 Feb 2023 19:42

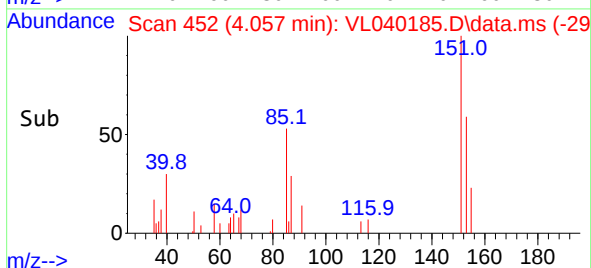
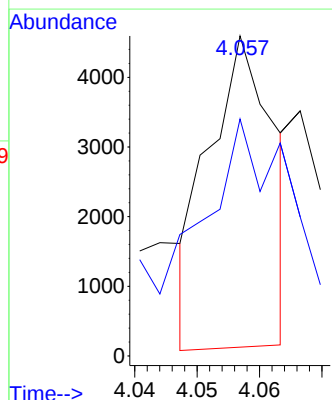
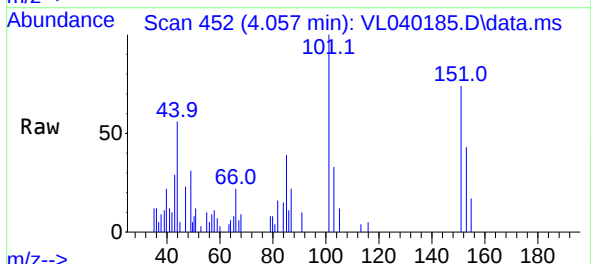
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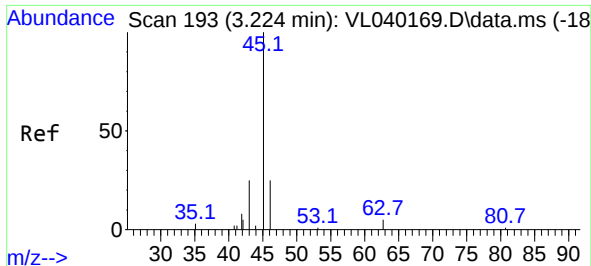
Tgt Ion:101 Resp: 71530
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.0 76.6



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.030 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. 0.007 min
 Lab File: VL040185.D
 Acq: 16 Feb 2023 19:42

Tgt Ion:101 Resp: 3243
 Ion Ratio Lower Upper
 101 100
 151 147.1 54.7 82.1#

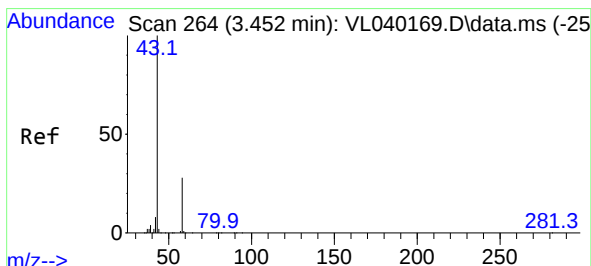
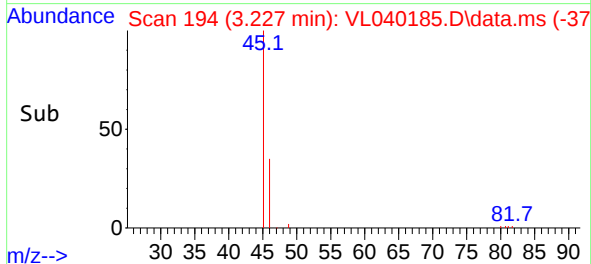
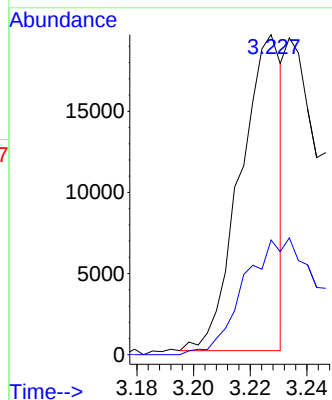
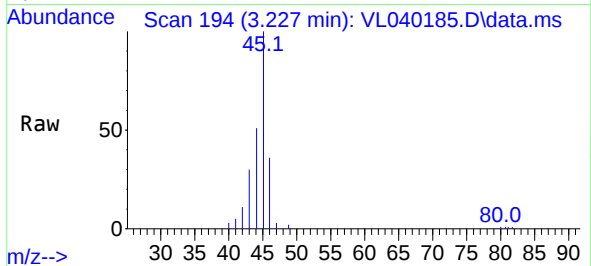




#13
 Ethanol
 Concen: 5.046 ppbv
 RT: 3.227 min Scan# 193
 Delta R.T. 0.003 min
 Lab File: VL040185.D
 Acq: 16 Feb 2023 19:42

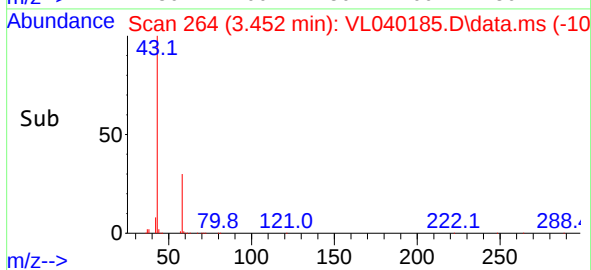
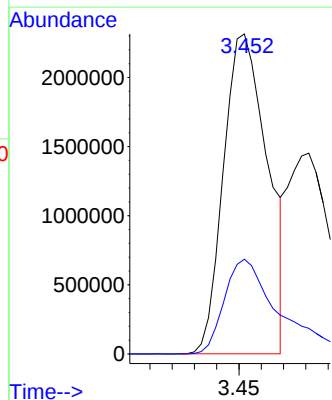
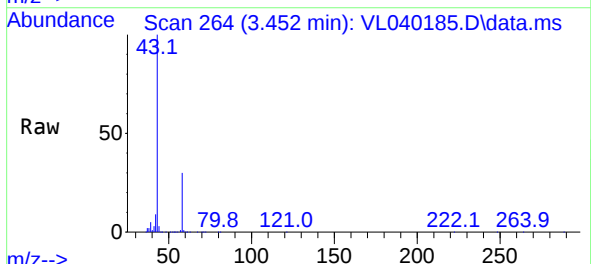
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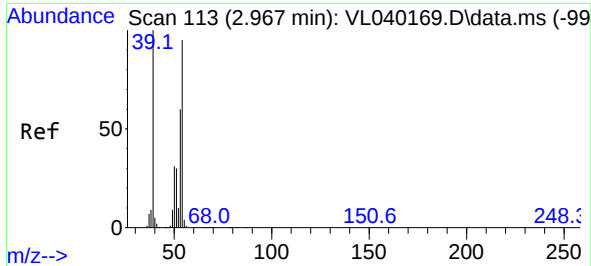
Tgt Ion: 45 Resp: 19639
 Ion Ratio Lower Upper
 45 100
 46 0.0 13.3 53.1#



#15
 Acetone
 Concen: 30.422 ppbv
 RT: 3.452 min Scan# 264
 Delta R.T. 0.000 min
 Lab File: VL040185.D
 Acq: 16 Feb 2023 19:42

Tgt Ion: 43 Resp: 3179695
 Ion Ratio Lower Upper
 43 100
 58 39.4 22.4 33.6#

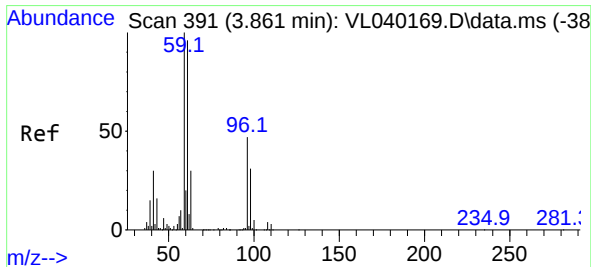
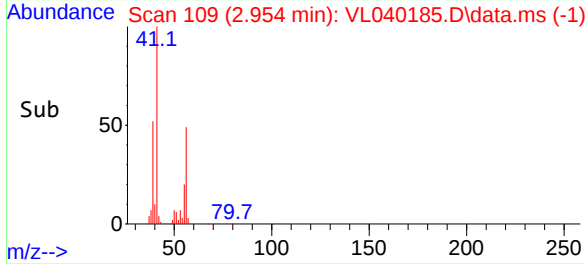
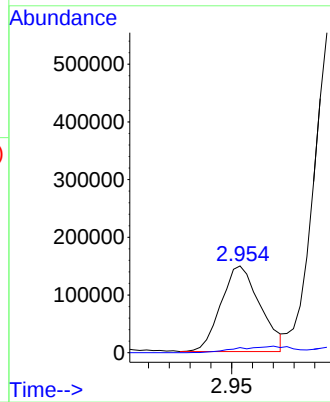
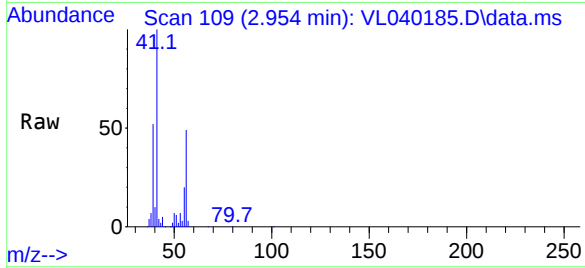




#16
1,3-Butadiene
Concen: 4.055 ppbv
RT: 2.954 min Scan# 109
Delta R.T. -0.013 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

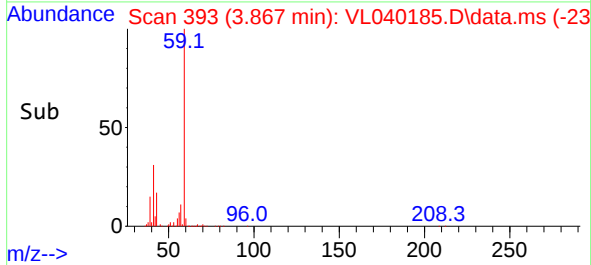
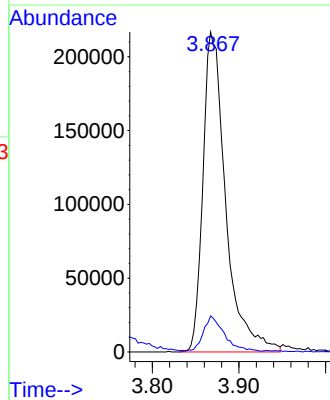
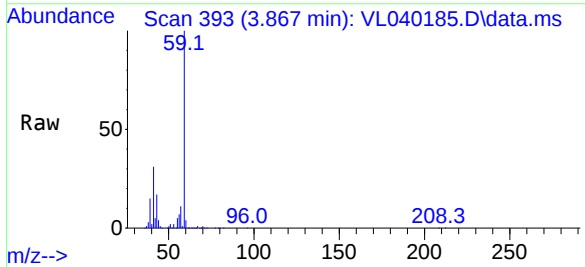
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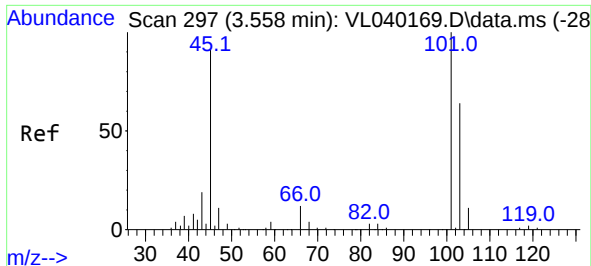
Tgt Ion: 39 Resp: 193553
Ion Ratio Lower Upper
39 100
54 10.4 66.7 100.1#



#17
tert-Butyl alcohol
Concen: 4.157 ppbv
RT: 3.867 min Scan# 393
Delta R.T. 0.007 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

Tgt Ion: 59 Resp: 396243
Ion Ratio Lower Upper
59 100
57 11.0 8.5 12.7

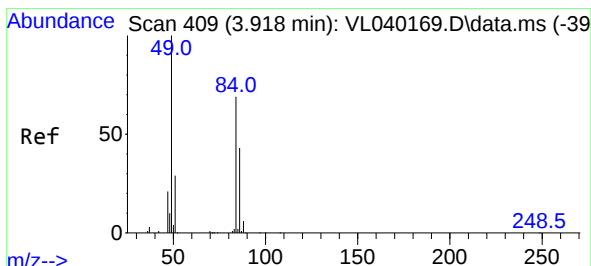
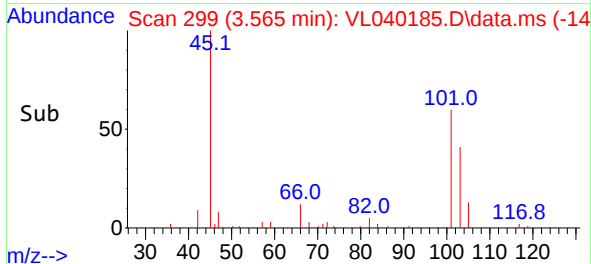
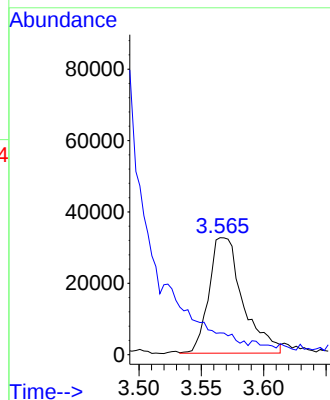
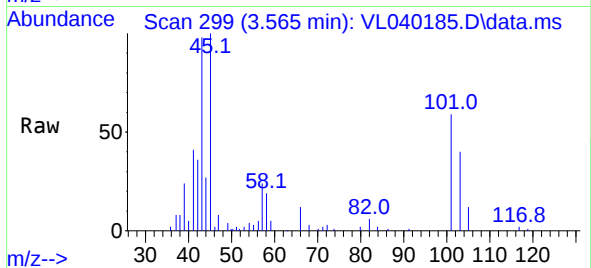




#19
Isopropyl Alcohol
Concen: 1.234 ppbv
RT: 3.565 min Scan# 24
Delta R.T. 0.007 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

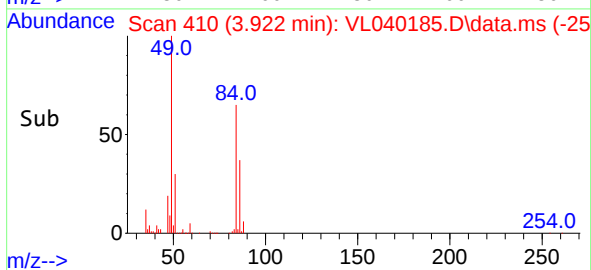
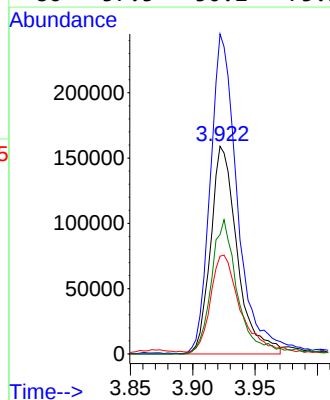
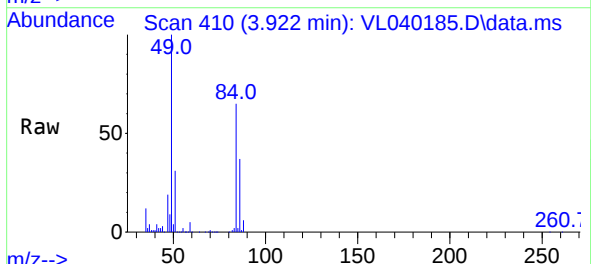
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

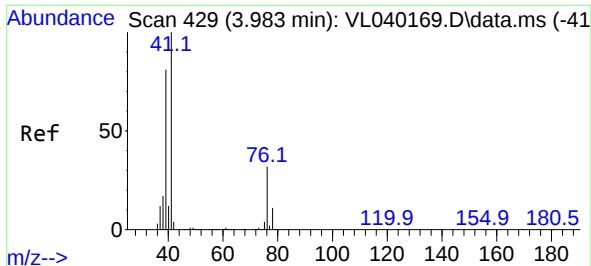
Tgt Ion: 45 Resp: 61289
Ion Ratio Lower Upper
45 100
58 0.0 2.6 3.8#



#20
Methylene Chloride
Concen: 4.349 ppbv
RT: 3.922 min Scan# 410
Delta R.T. 0.003 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

Tgt Ion: 84 Resp: 236624
Ion Ratio Lower Upper
84 100
49 153.9 115.5 173.3
51 45.8 33.1 49.7
86 57.5 50.2 75.2





#21

Allyl Chloride

Concen: 1.171 ppbv

RT: 3.944 min Scan# 41

Delta R.T. -0.038 min

Lab File: VL040185.D

Acq: 16 Feb 2023 19:42

Instrument :

MSVOA_L

ClientSampleId :

SVP-03

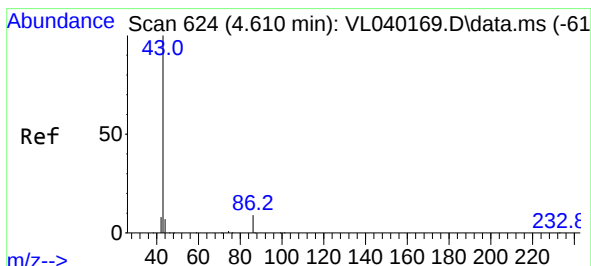
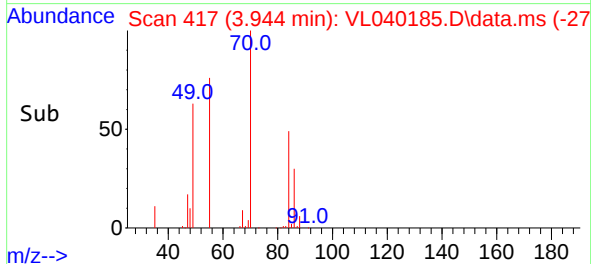
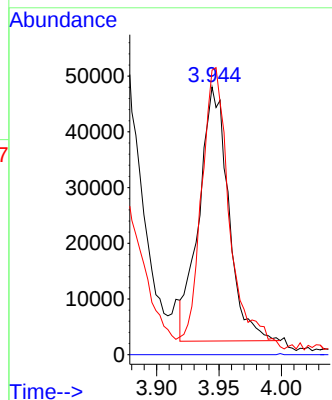
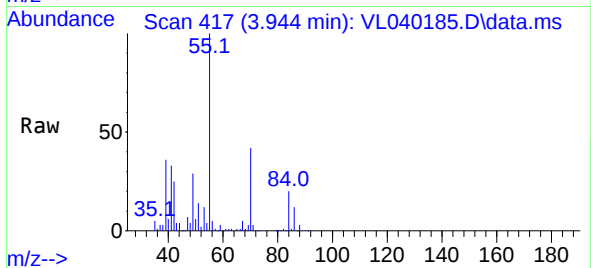
Tgt Ion: 41 Resp: 75061

Ion Ratio Lower Upper

41 100

76 0.0 25.5 38.3#

39 109.7 64.5 96.7#



#23

Vinyl Acetate

Concen: 6.997 ppbv

RT: 4.597 min Scan# 620

Delta R.T. -0.013 min

Lab File: VL040185.D

Acq: 16 Feb 2023 19:42

Tgt Ion: 43 Resp: 221948

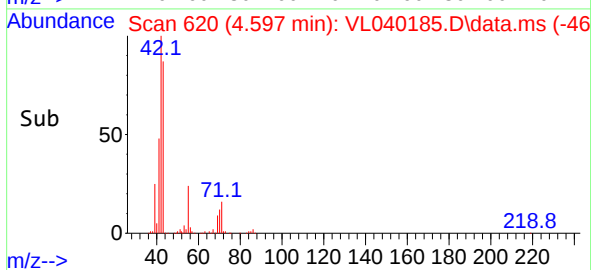
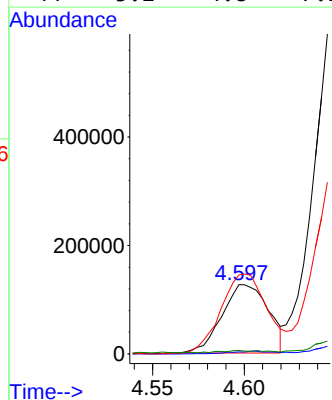
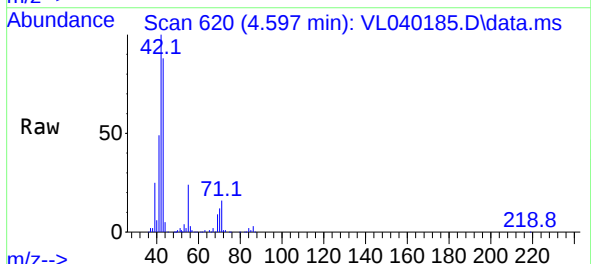
Ion Ratio Lower Upper

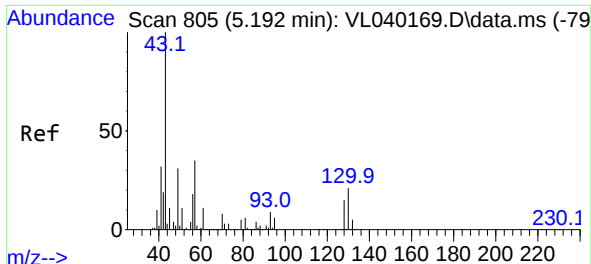
43 100

86 3.0 5.6 8.4#

42 114.6 7.6 11.4#

44 3.2 4.8 7.2#

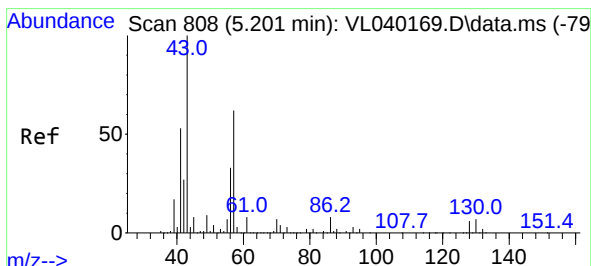
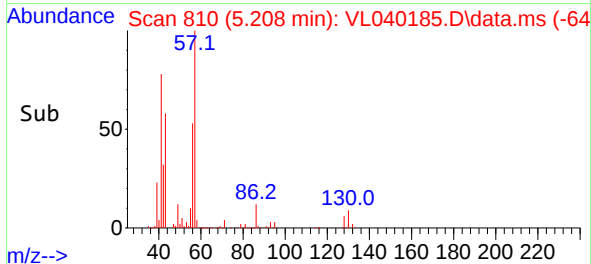
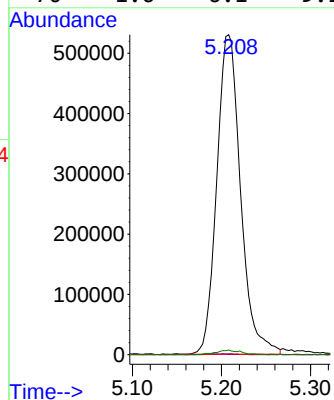
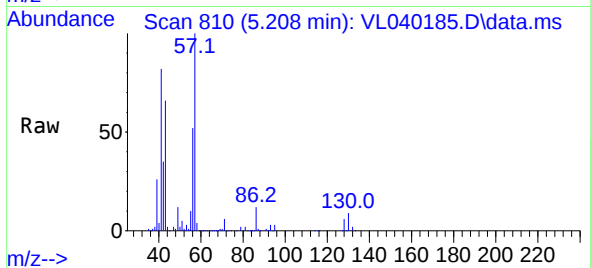




#25
Ethyl Acetate
Concen: 5.069 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.016 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

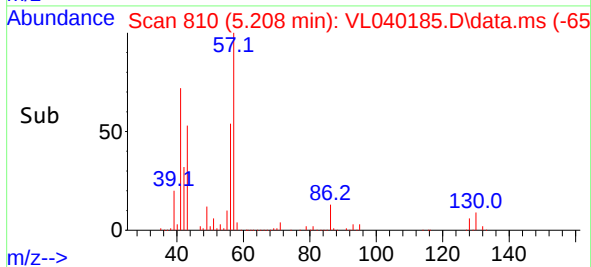
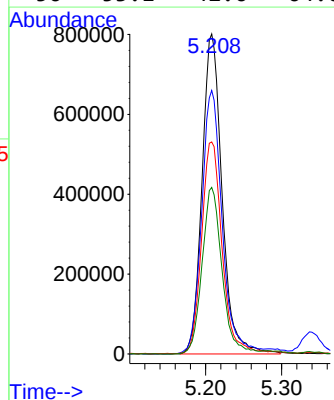
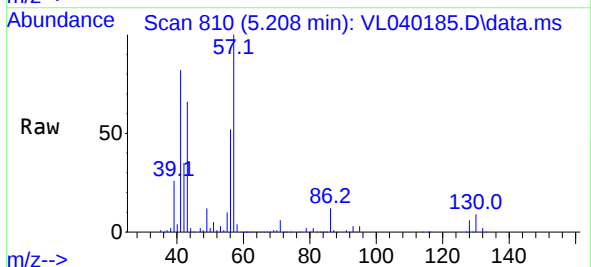
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

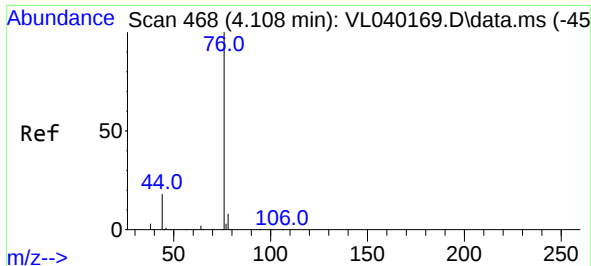
Tgt Ion: 43 Resp: 984888
Ion Ratio Lower Upper
43 100
45 0.2 8.3 12.5#
61 0.2 8.4 12.6#
70 1.6 6.1 9.1#



#26
Hexane
Concen: 17.569 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.007 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

Tgt Ion: 57 Resp: 1465444
Ion Ratio Lower Upper
57 100
41 86.2 74.3 111.5
43 68.6 193.0 289.4#
56 53.1 42.6 64.0

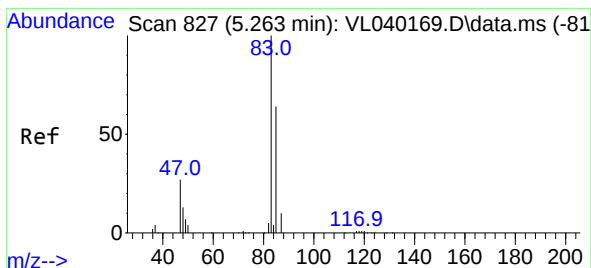
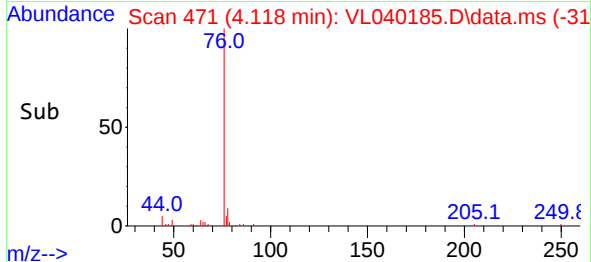
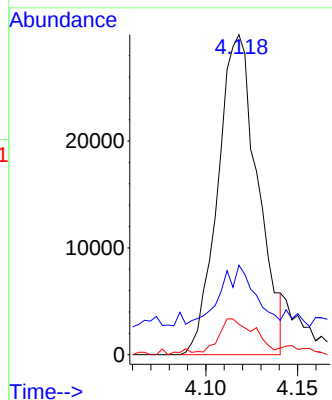
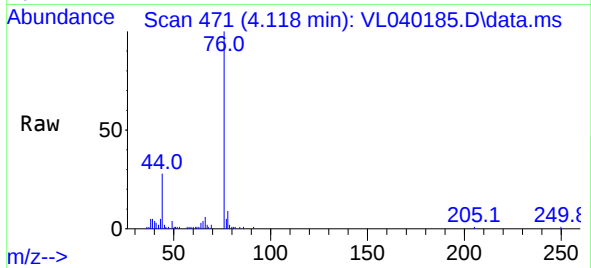




#27
Carbon Disulfide
Concen: 0.428 ppbv
RT: 4.118 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

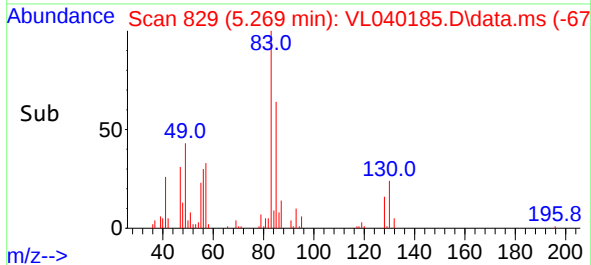
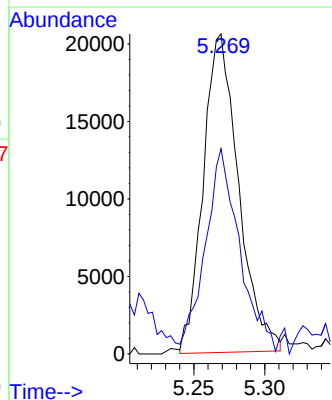
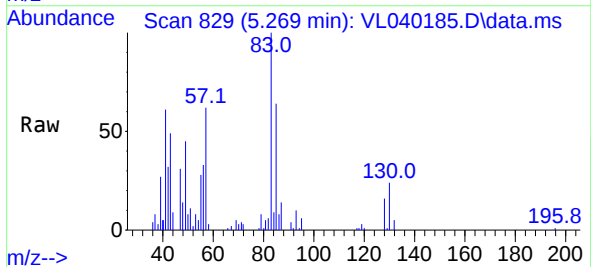
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

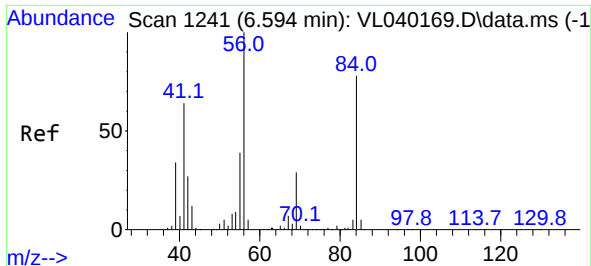
Tgt Ion: 76 Resp: 45308
Ion Ratio Lower Upper
76 100
44 20.1 15.3 22.9
78 13.4 7.7 11.5#



#29
Chloroform
Concen: 0.249 ppbv
RT: 5.269 min Scan# 829
Delta R.T. 0.007 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

Tgt Ion: 83 Resp: 35662
Ion Ratio Lower Upper
83 100
85 61.9 51.5 77.3

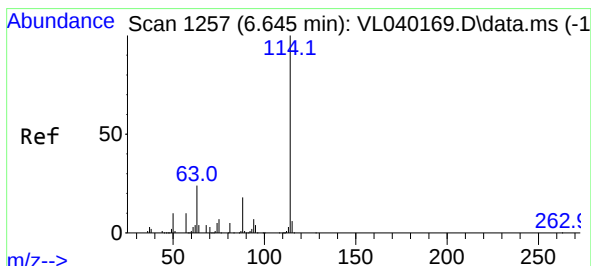
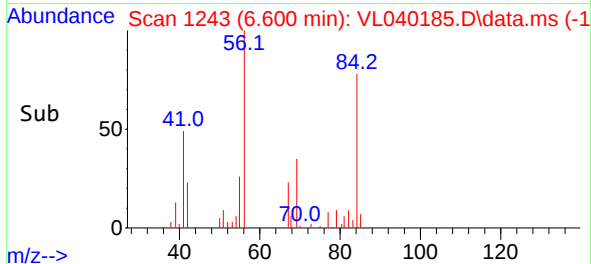
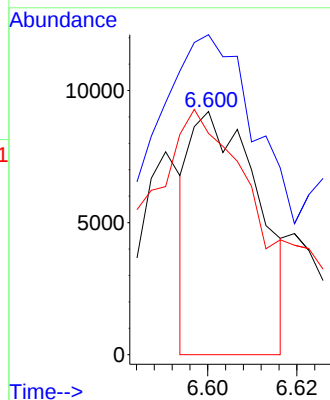
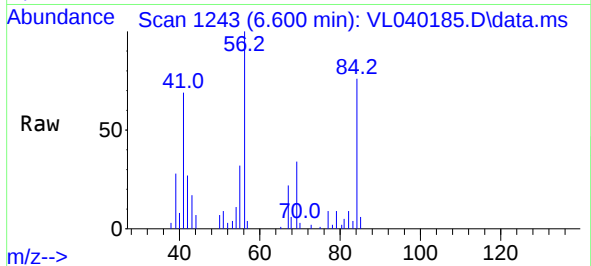




#30
Cyclohexane
Concen: 0.148 ppbv
RT: 6.600 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

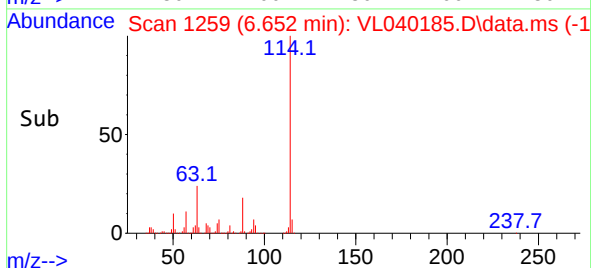
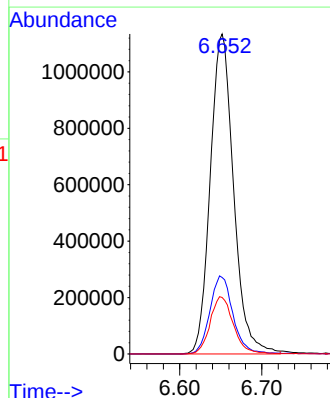
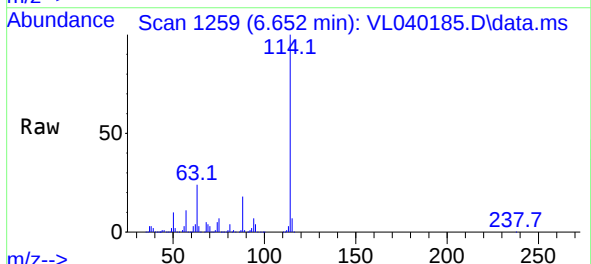
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

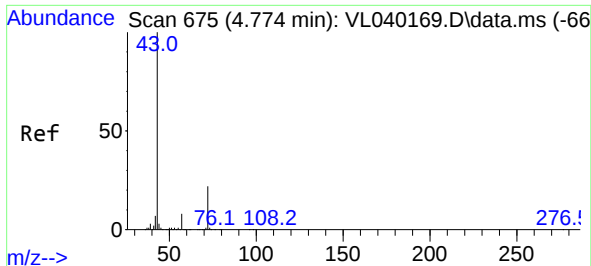
Tgt Ion: 84 Resp: 9703
Ion Ratio Lower Upper
84 100
56 244.9 109.9 164.9#
41 157.1 67.8 101.6#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. 0.007 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

Tgt Ion: 114 Resp: 2246215
Ion Ratio Lower Upper
114 100
63 24.4 20.4 30.6
88 17.9 14.3 21.5





#34

2-Butanone

Concen: 4.060 ppbv

RT: 4.777 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL040185.D

Acq: 16 Feb 2023 19:42

Instrument :

MSVOA_L

ClientSampleId :

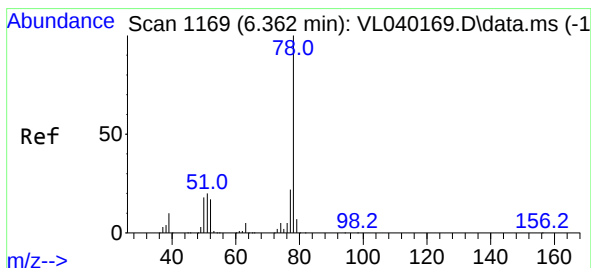
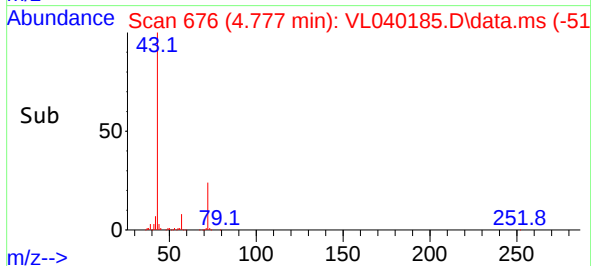
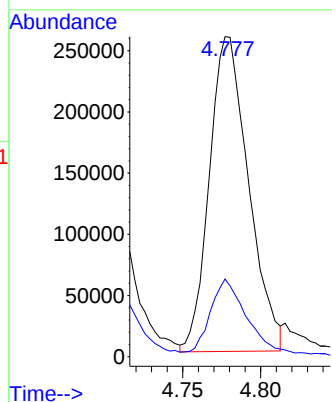
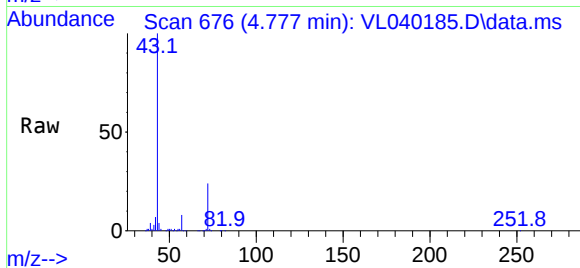
SVP-03

Tgt Ion: 43 Resp: 449910

Ion Ratio Lower Upper

43 100

72 25.0 17.8 26.8



#36

Benzene

Concen: 0.732 ppbv

RT: 6.365 min Scan# 1170

Delta R.T. 0.003 min

Lab File: VL040185.D

Acq: 16 Feb 2023 19:42

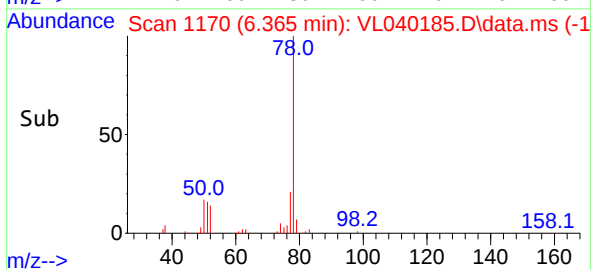
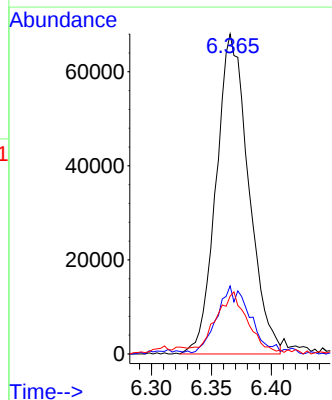
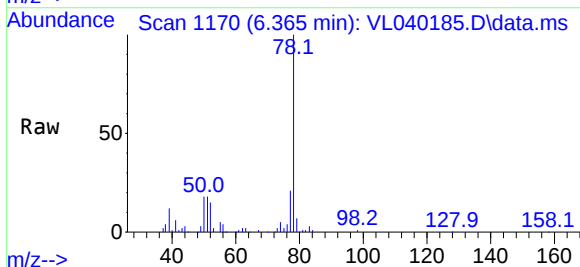
Tgt Ion: 78 Resp: 128005

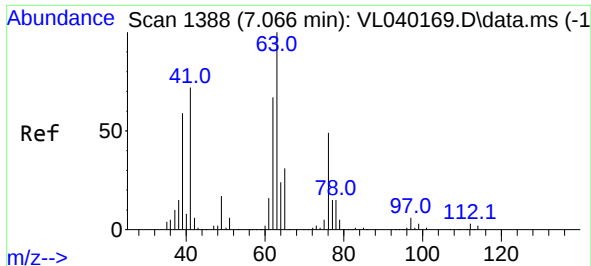
Ion Ratio Lower Upper

78 100

77 20.5 17.5 26.3

50 16.8 14.6 22.0





#39

1,2-Dichloropropane

Concen: 7.998 ppbv

RT: 6.648 min Scan# 11

Delta R.T. -0.418 min

Lab File: VL040185.D

Acq: 16 Feb 2023 19:42

Instrument :

MSVOA_L

ClientSampleId :

SVP-03

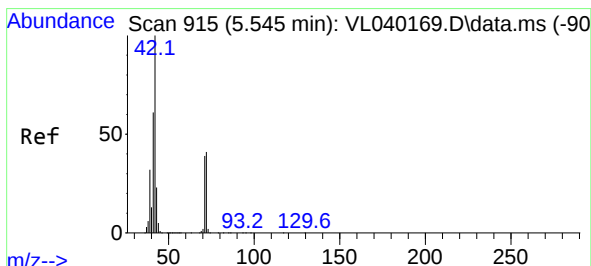
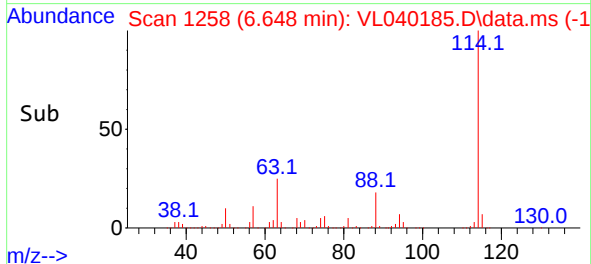
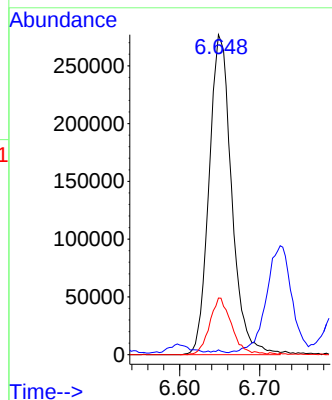
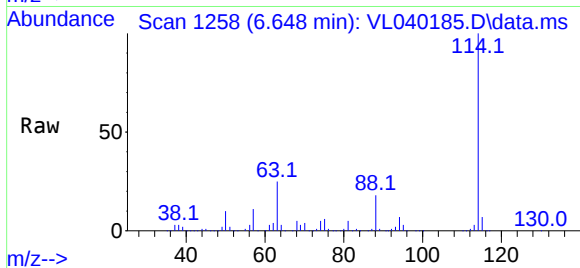
Tgt Ion: 63 Resp: 543871

Ion Ratio Lower Upper

63 100

41 0.0 57.6 86.4#

62 17.7 54.0 81.0#



#41

Tetrahydrofuran

Concen: 0.092 ppbv

RT: 5.620 min Scan# 938

Delta R.T. 0.074 min

Lab File: VL040185.D

Acq: 16 Feb 2023 19:42

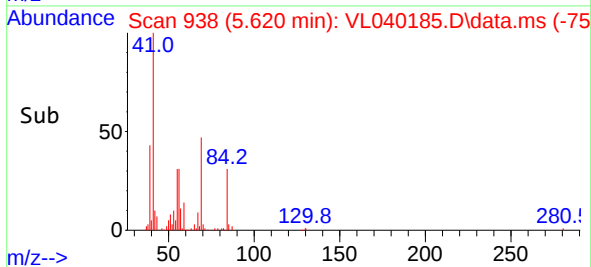
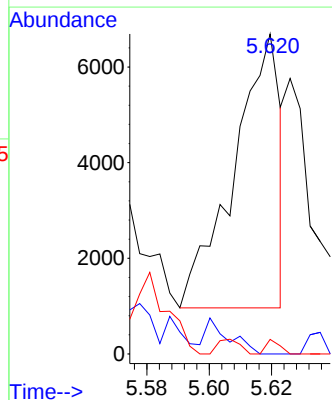
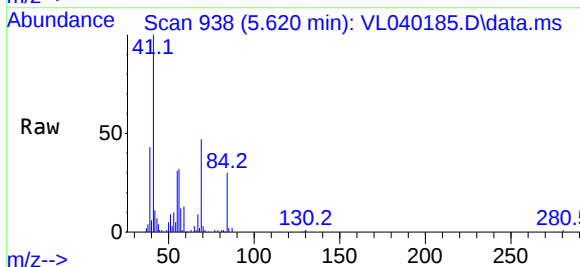
Tgt Ion: 42 Resp: 5879

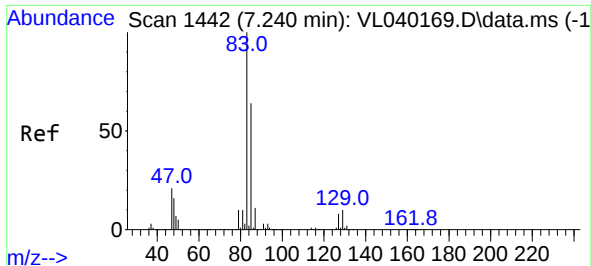
Ion Ratio Lower Upper

42 100

72 56.5 33.0 49.4#

71 45.2 31.4 47.2

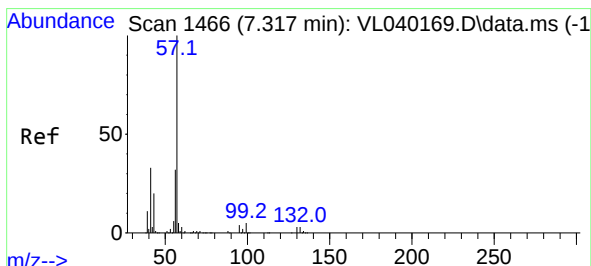
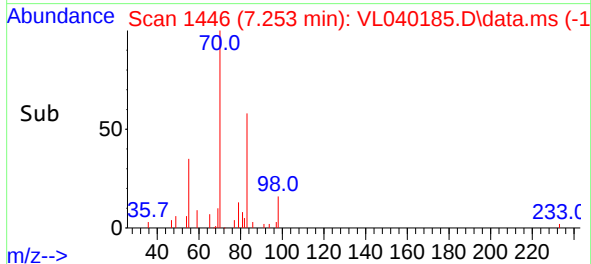
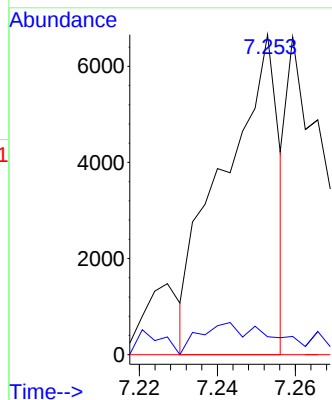
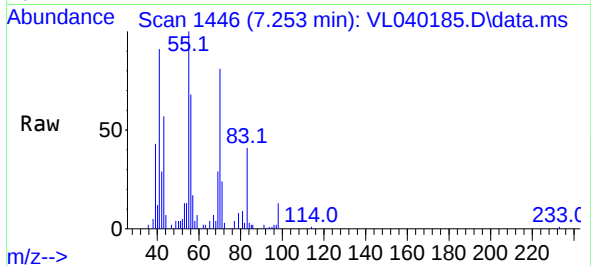




#42
Bromodichloromethane
Concen: 0.044 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. 0.013 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

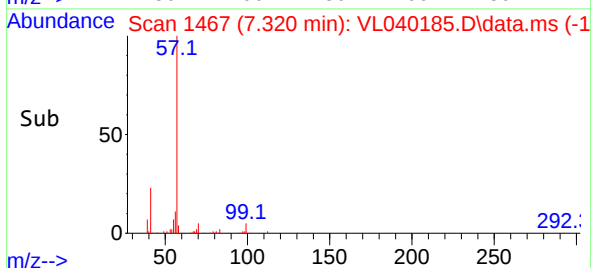
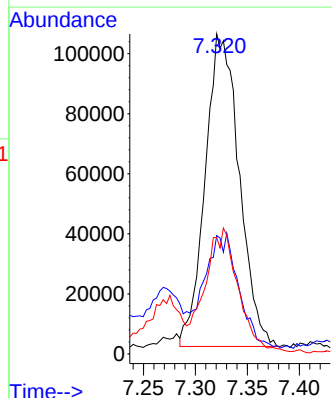
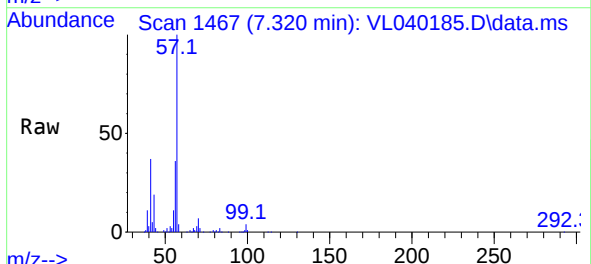
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

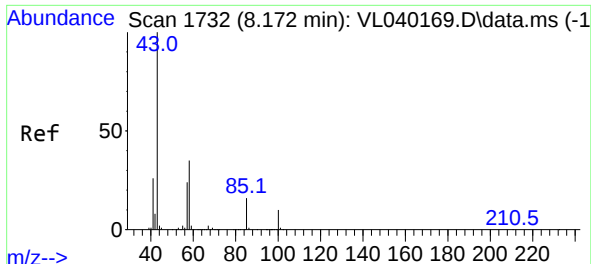
Tgt Ion: 83 Resp: 6597
Ion Ratio Lower Upper
83 100
85 6.7 50.9 76.3#
127 0.0 6.2 9.2#



#44
2,2,4-Trimethylpentane
Concen: 0.811 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. 0.003 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

Tgt Ion: 57 Resp: 236532
Ion Ratio Lower Upper
57 100
41 40.0 26.2 39.4#
56 40.5 24.9 37.3#





#50

4-Methyl-2-Pentanone

Concen: 0.034 ppbv

RT: 8.189 min Scan# 1

Delta R.T. 0.016 min

Lab File: VL040185.D

Acq: 16 Feb 2023 19:42

Instrument :

MSVOA_L

ClientSampleId :

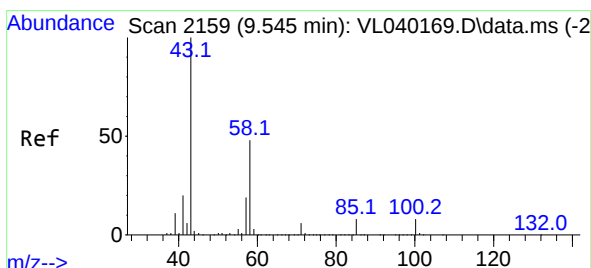
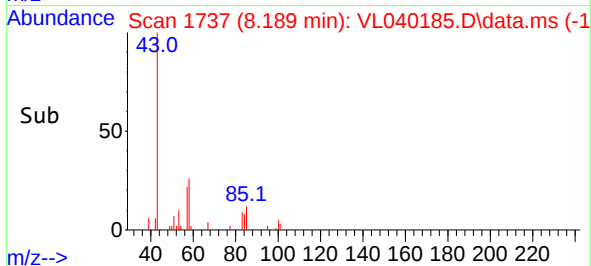
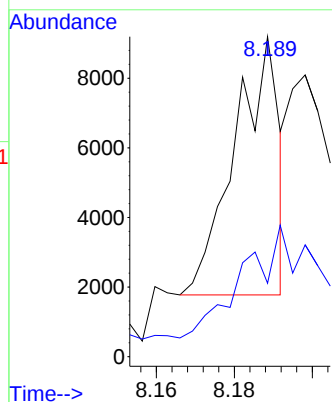
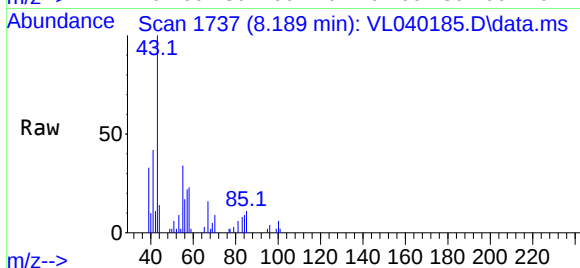
SVP-03

Tgt Ion: 43 Resp: 5874

Ion Ratio Lower Upper

43 100

58 130.0 29.2 43.8#



#51

2-Hexanone

Concen: 2.538 ppbv

RT: 9.552 min Scan# 2161

Delta R.T. 0.007 min

Lab File: VL040185.D

Acq: 16 Feb 2023 19:42

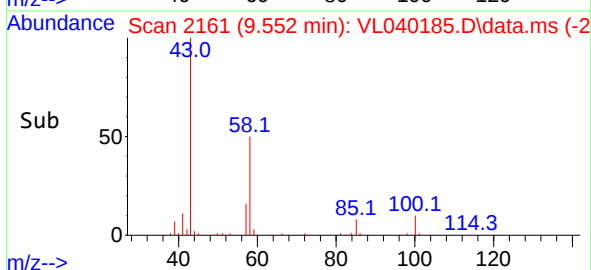
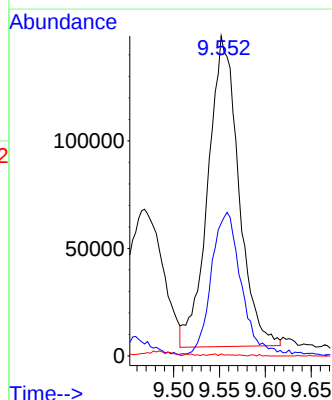
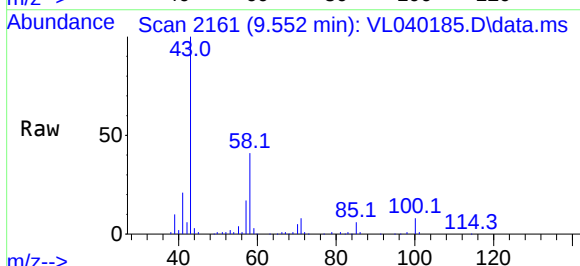
Tgt Ion: 43 Resp: 335770

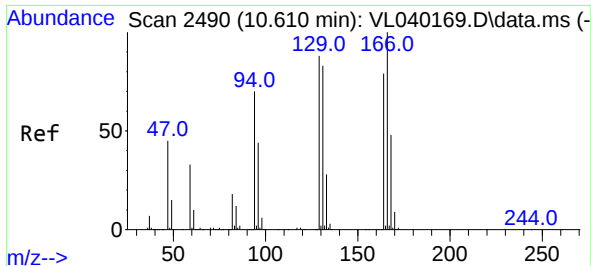
Ion Ratio Lower Upper

43 100

58 46.3 39.1 58.7

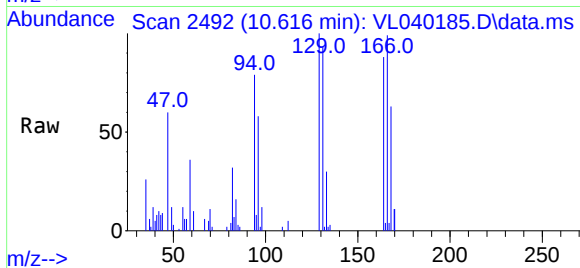
98 0.4 0.2 0.4#



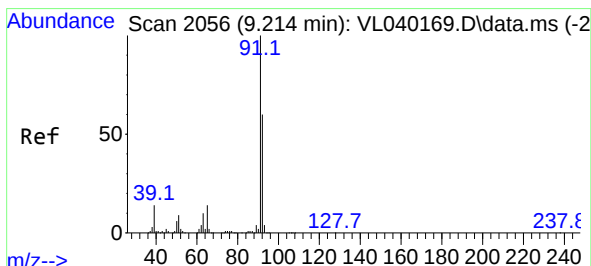
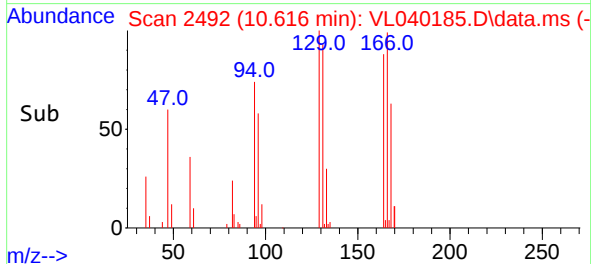
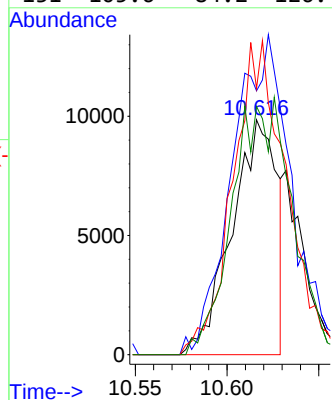


#52
Tetrachloroethene
Concen: 0.308 ppbv
RT: 10.616 min Scan# 2490
Delta R.T. 0.007 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

Instrument :
MSVOA_L
ClientSampleId :
SVP-03

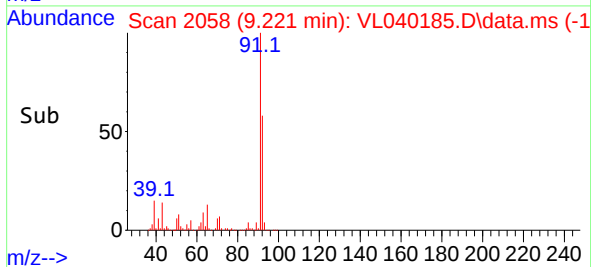
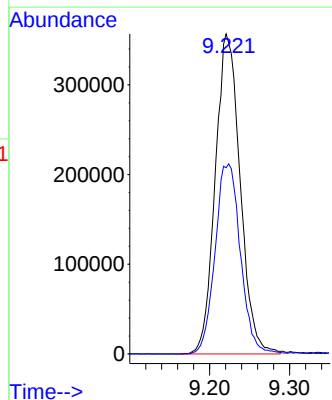
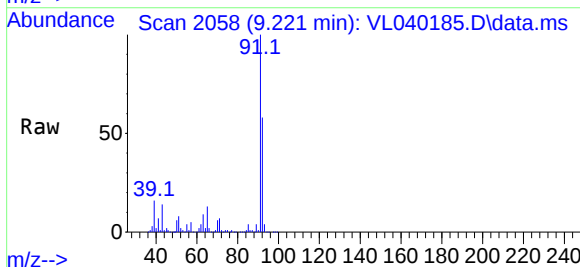


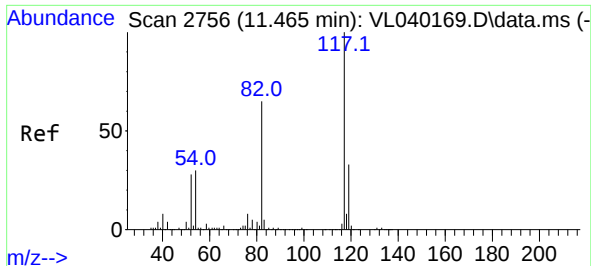
Tgt Ion:164 Resp: 16823
Ion Ratio Lower Upper
164 100
166 112.4 101.5 152.3
129 113.3 89.0 133.4
131 105.6 84.2 126.4



#53
Toluene
Concen: 4.116 ppbv
RT: 9.221 min Scan# 2058
Delta R.T. 0.007 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

Tgt Ion: 91 Resp: 770635
Ion Ratio Lower Upper
91 100
92 60.9 48.9 73.3

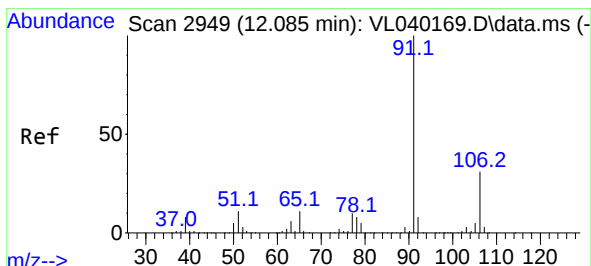
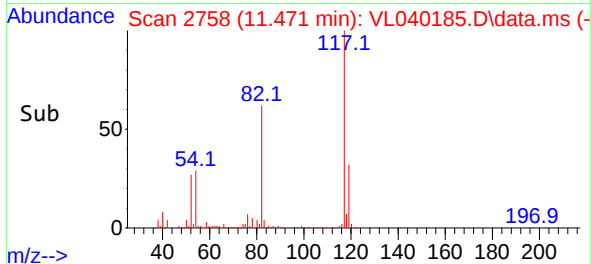
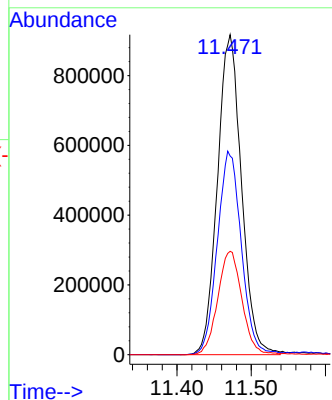
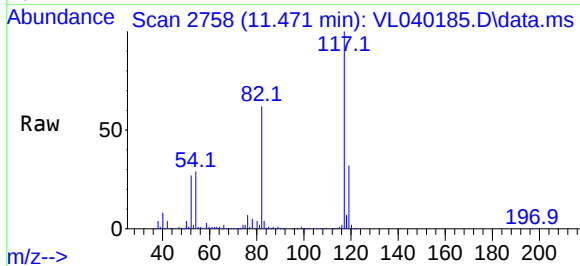




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

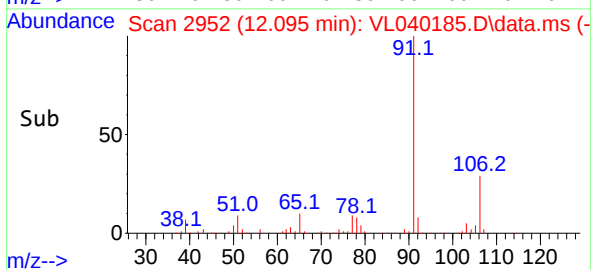
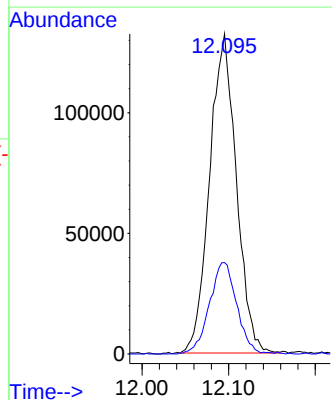
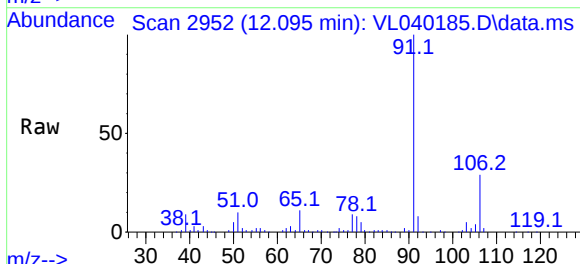
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

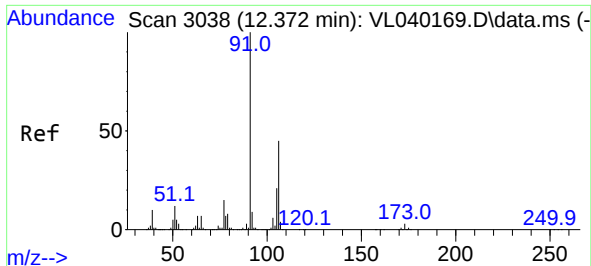
Tgt Ion:117 Resp: 2064902
Ion Ratio Lower Upper
117 100
82 63.6 53.3 79.9
119 32.7 24.6 37.0



#58
Ethyl Benzene
Concen: 1.131 ppbv
RT: 12.095 min Scan# 2952
Delta R.T. 0.010 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

Tgt Ion: 91 Resp: 283671
Ion Ratio Lower Upper
91 100
106 28.3 24.9 37.3





#59

m/p-Xylene

Concen: 4.230 ppbv

RT: 12.346 min Scan# 3030

Delta R.T. -0.026 min

Lab File: VL040185.D

Acq: 16 Feb 2023 19:42

Instrument :

MSVOA_L

ClientSampleId :

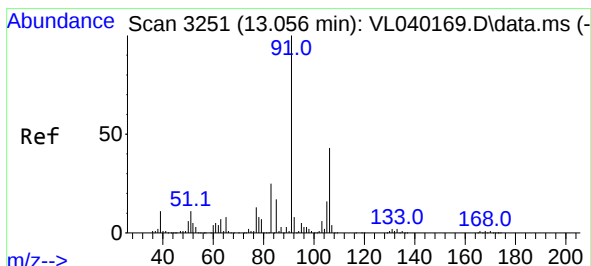
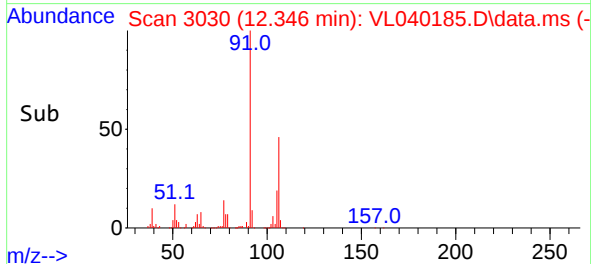
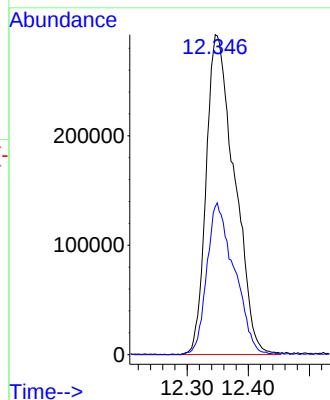
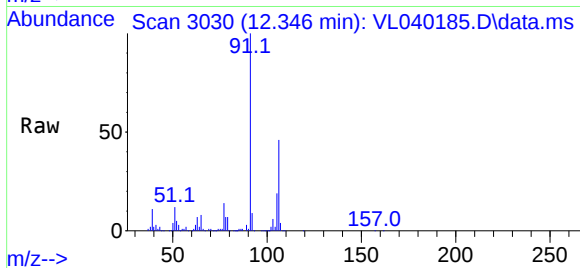
SVP-03

Tgt Ion: 91 Resp: 940043

Ion Ratio Lower Upper

91 100

106 46.3 34.6 51.8



#60

o-Xylene

Concen: 1.859 ppbv

RT: 13.066 min Scan# 3254

Delta R.T. 0.010 min

Lab File: VL040185.D

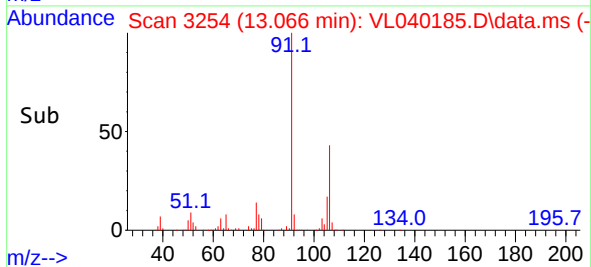
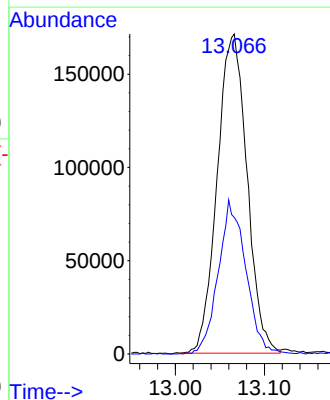
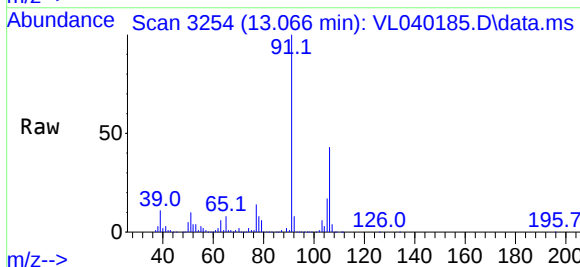
Acq: 16 Feb 2023 19:42

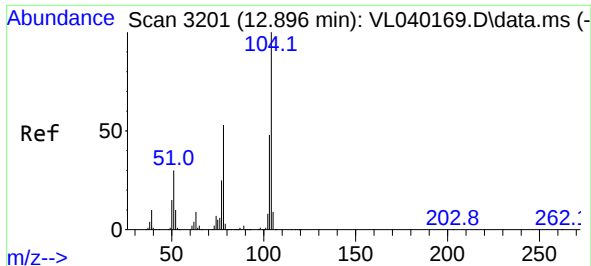
Tgt Ion: 91 Resp: 397444

Ion Ratio Lower Upper

91 100

106 44.6 21.6 65.0

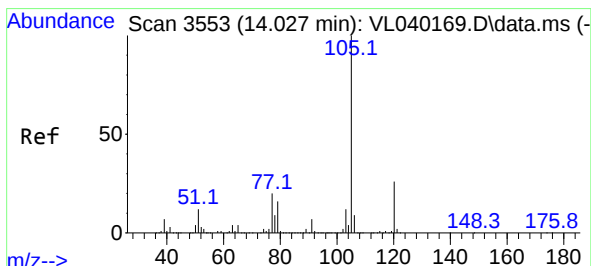
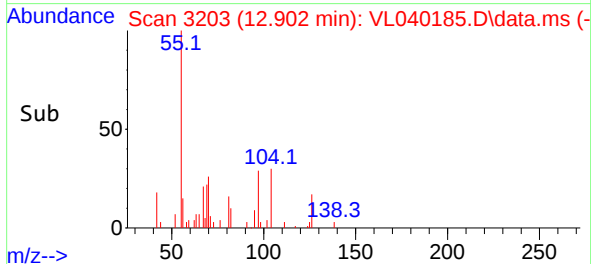
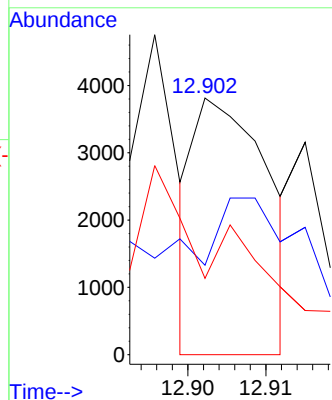
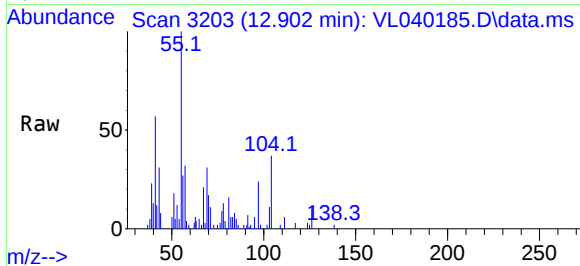




#61
Styrene
Concen: 0.022 ppbv
RT: 12.902 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

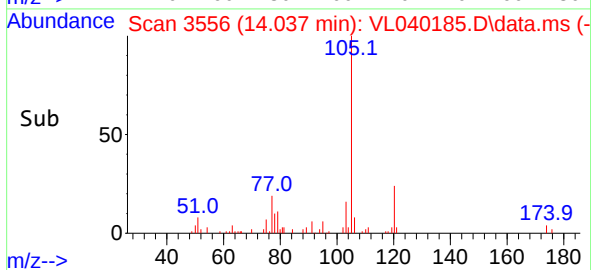
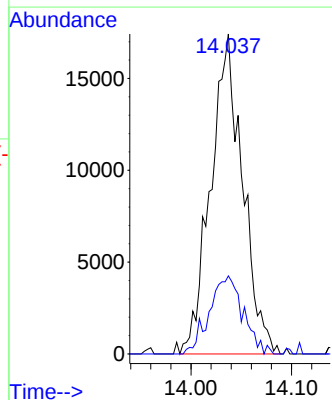
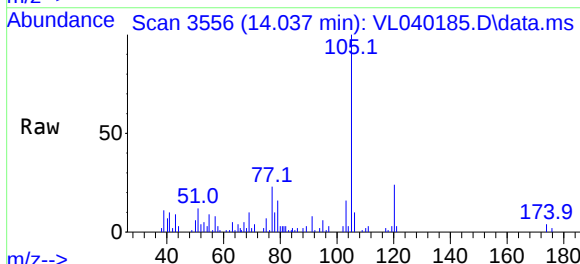
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

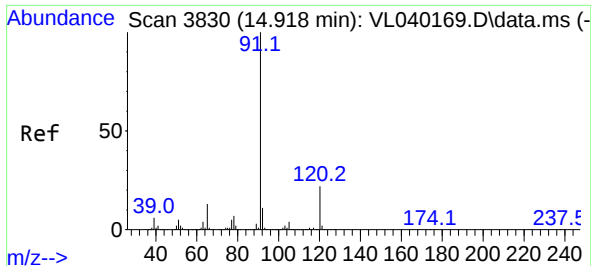
Tgt Ion:104 Resp: 2483
Ion Ratio Lower Upper
104 100
78 214.5 42.3 63.5#
103 0.0 37.5 56.3#



#62
Isopropylbenzene
Concen: 0.125 ppbv
RT: 14.037 min Scan# 3556
Delta R.T. 0.010 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

Tgt Ion:105 Resp: 38364
Ion Ratio Lower Upper
105 100
120 26.3 20.3 30.5

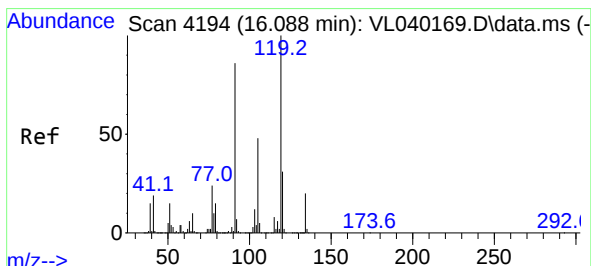
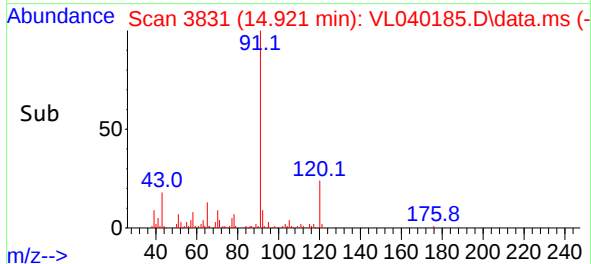
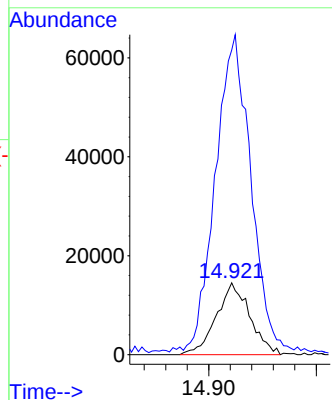
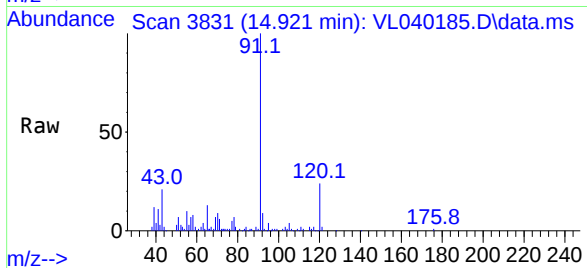




#64
n-propylbenzene
Concen: 0.413 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. 0.003 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

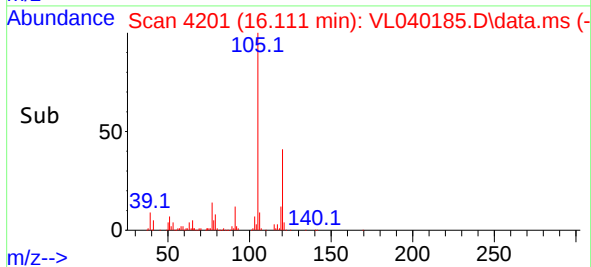
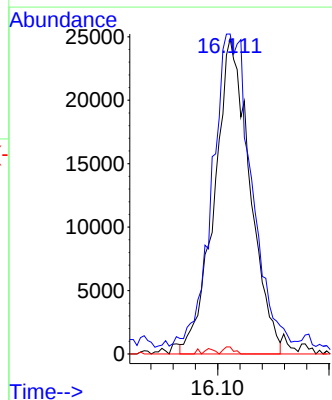
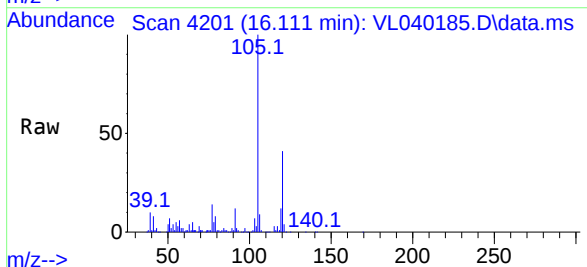
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

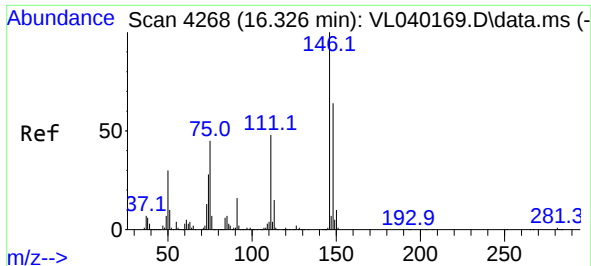
Tgt Ion:120 Resp: 31393
Ion Ratio Lower Upper
120 100
91 469.8 389.8 584.8



#65
tert-Butylbenzene
Concen: 0.207 ppbv
RT: 16.111 min Scan# 4201
Delta R.T. 0.023 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

Tgt Ion:119 Resp: 55162
Ion Ratio Lower Upper
119 100
91 114.3 68.6 102.8#
134 1.2 15.9 23.9#

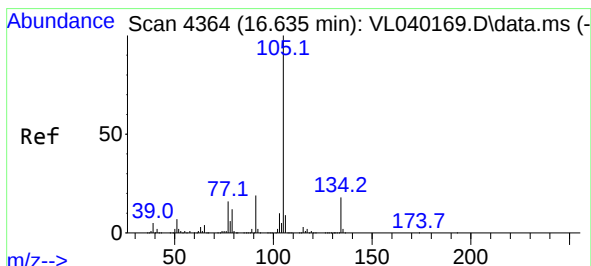
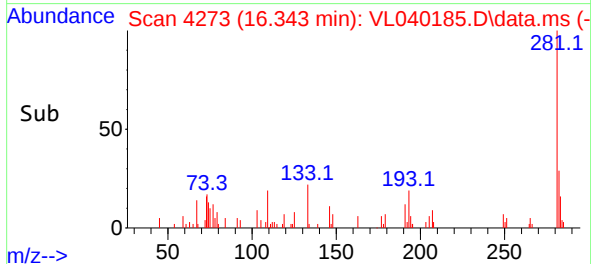
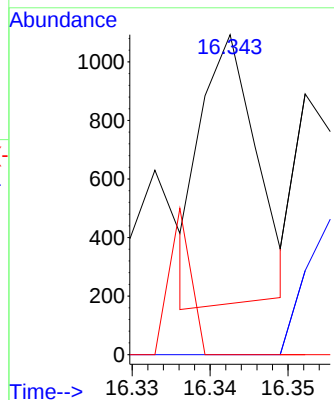
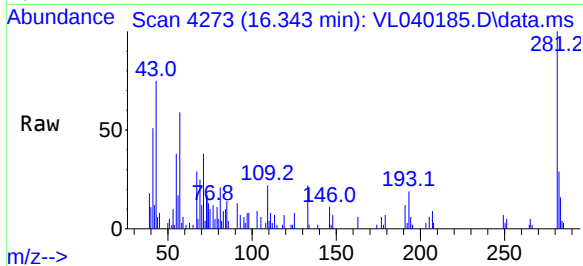




#66
Benzyl Chloride
Concen: 0.026 ppbv
RT: 16.343 min Scan# 41
Delta R.T. 0.016 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

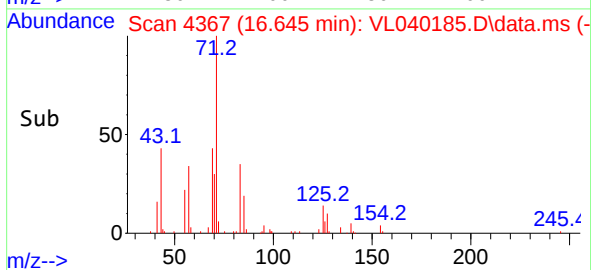
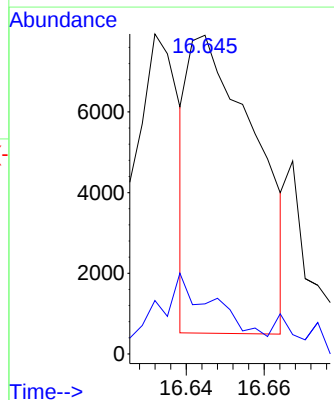
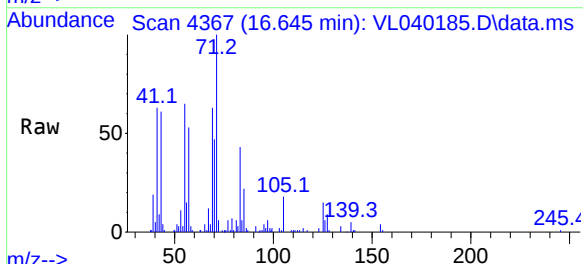
Instrument :
MSVOA_1
ClientSampleId :
SVP-03

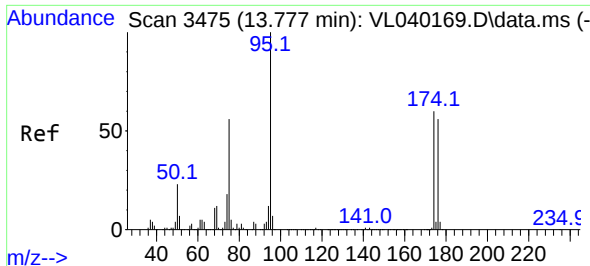
Tgt Ion: 91 Resp: 454
Ion Ratio Lower Upper
91 100
126 0.0 13.1 19.7#
128 21.1 4.1 6.1#



#67
sec-Butylbenzene
Concen: 0.023 ppbv
RT: 16.645 min Scan# 4367
Delta R.T. 0.010 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

Tgt Ion: 105 Resp: 8751
Ion Ratio Lower Upper
105 100
134 35.2 14.1 21.1#

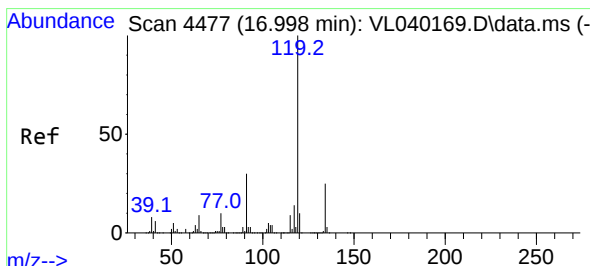
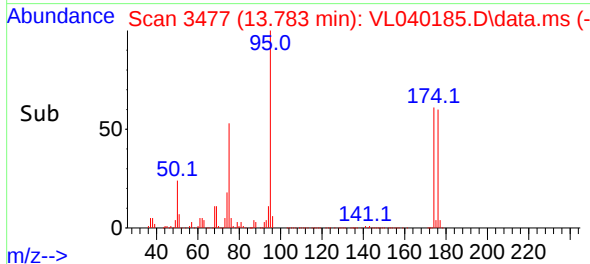
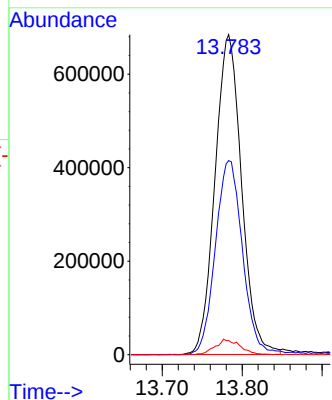
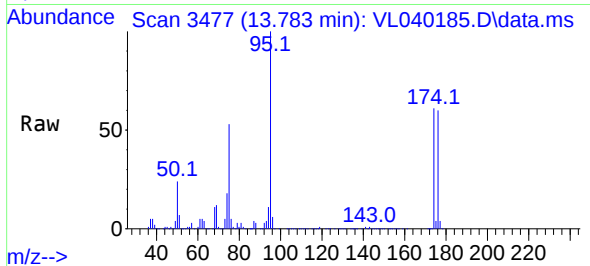




#68
1-Bromo-4-Fluorobenzene
Concen: 9.298 ppbv
RT: 13.783 min Scan# 3475
Delta R.T. 0.007 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

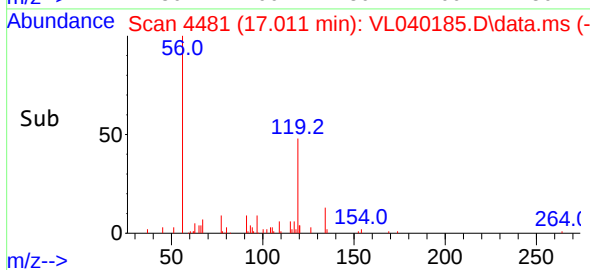
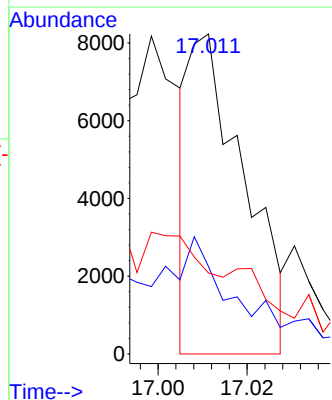
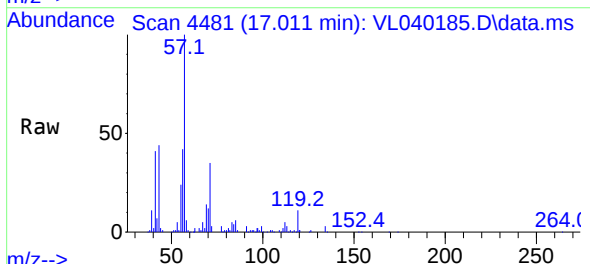
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

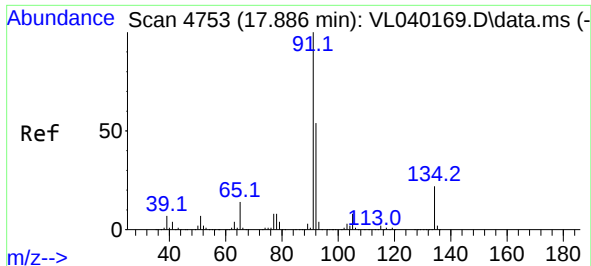
Tgt Ion: 95 Resp: 1578719
Ion Ratio Lower Upper
95 100
174 63.4 48.2 72.2
175 4.6 3.4 5.2



#69
p-Isopropyltoluene
Concen: 0.023 ppbv
RT: 17.011 min Scan# 4481
Delta R.T. 0.013 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

Tgt Ion: 119 Resp: 7061
Ion Ratio Lower Upper
119 100
134 76.9 20.2 30.2#
91 0.0 24.7 37.1#

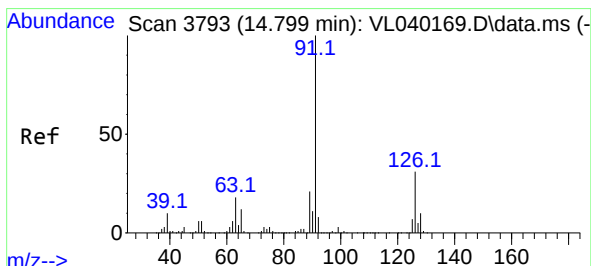
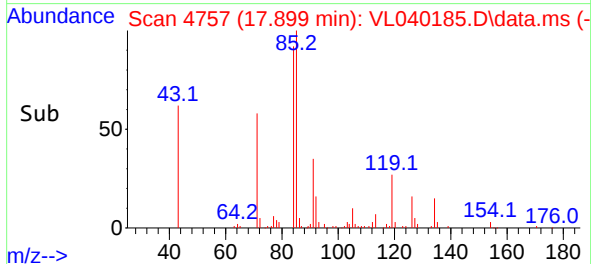
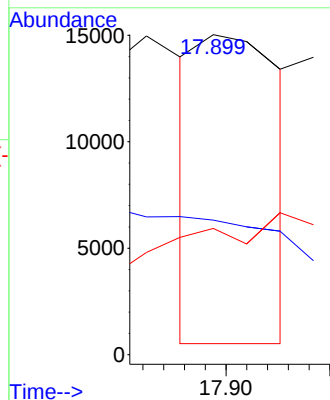
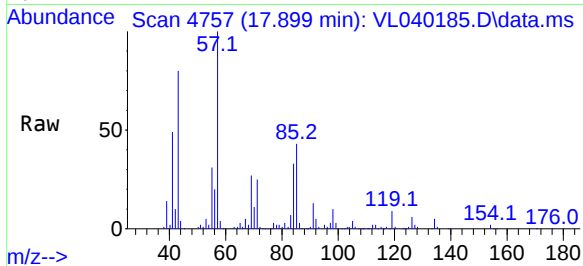




#70
n-Butylbenzene
Concen: 0.024 ppbv
RT: 17.899 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

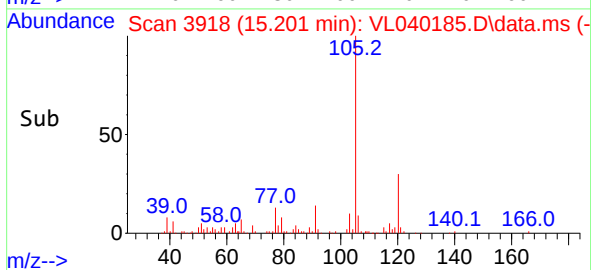
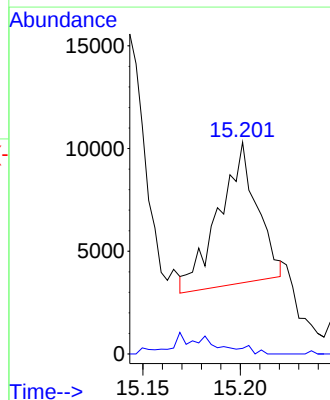
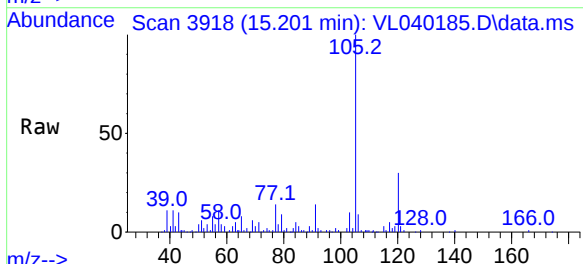
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

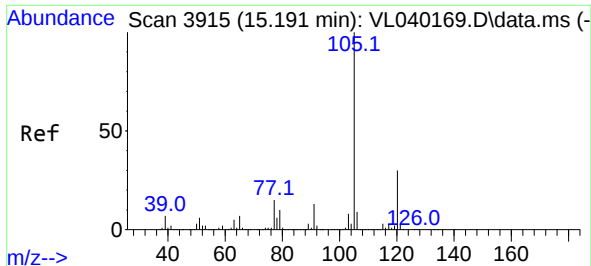
Tgt Ion: 91 Resp: 8026
Ion Ratio Lower Upper
91 100
92 0.0 43.0 64.6#
134 0.0 16.9 25.3#



#71
2-Chlorotoluene
Concen: 0.040 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. 0.402 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

Tgt Ion: 91 Resp: 9311
Ion Ratio Lower Upper
91 100
126 15.7 12.0 48.2

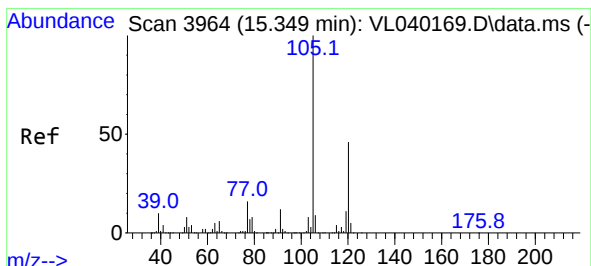
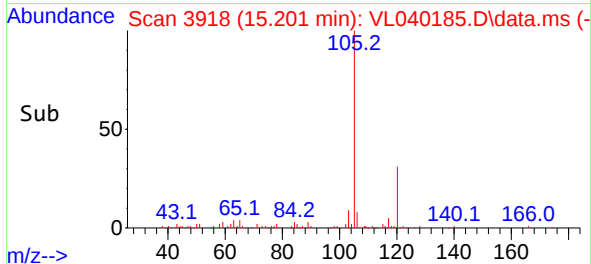
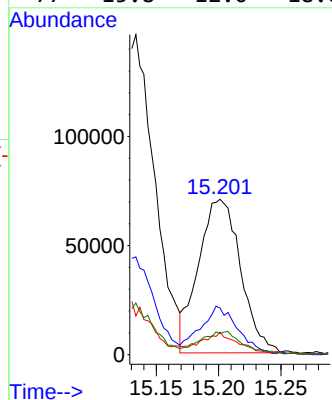
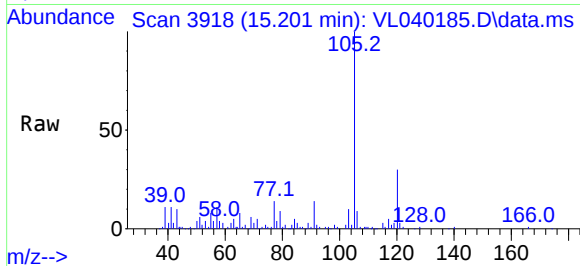




#72
4-Ethyltoluene
Concen: 0.702 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. 0.010 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

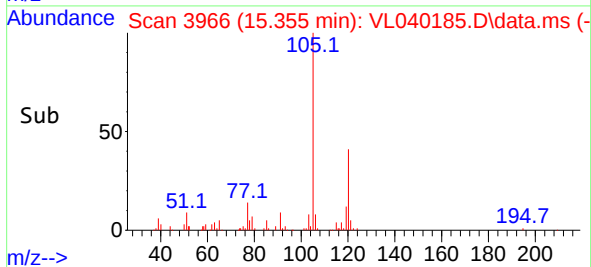
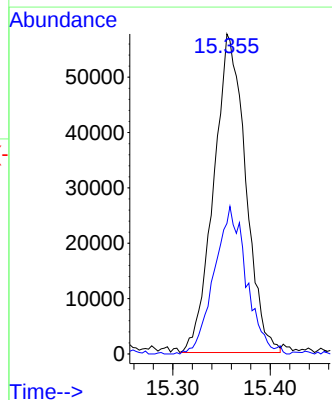
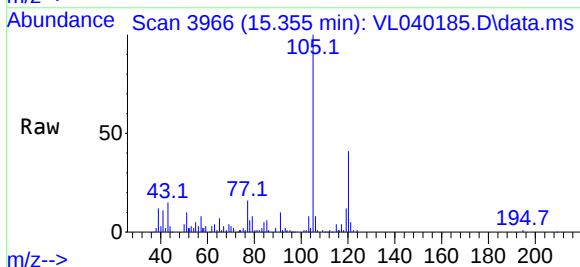
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

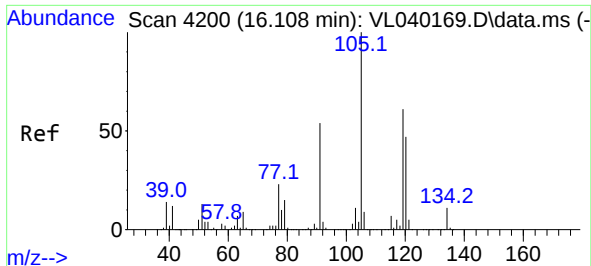
Tgt Ion:105 Resp: 165925
Ion Ratio Lower Upper
105 100
120 28.3 23.2 34.8
91 13.2 11.3 16.9
77 15.8 12.0 18.0



#73
1,3,5-Trimethylbenzene
Concen: 0.595 ppbv
RT: 15.355 min Scan# 3966
Delta R.T. 0.007 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

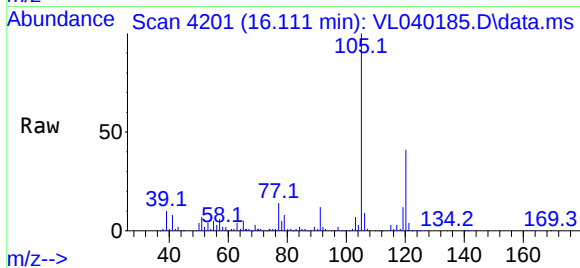
Tgt Ion:105 Resp: 130931
Ion Ratio Lower Upper
105 100
120 41.0 36.8 55.2





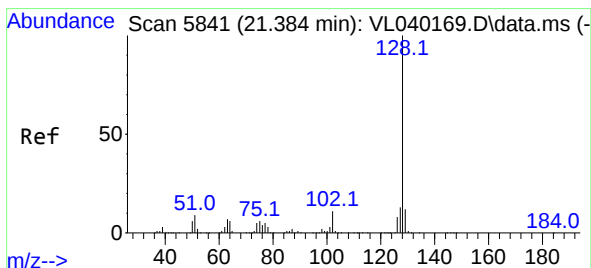
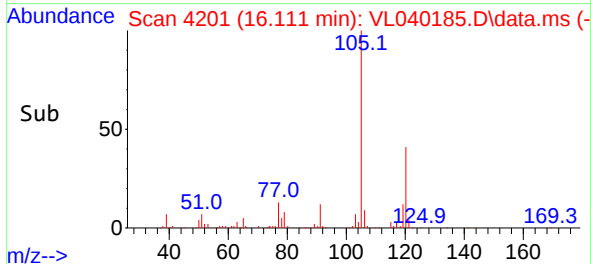
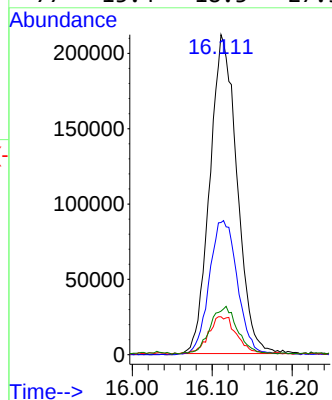
#74
1,2,4-Trimethylbenzene
Concen: 2.064 ppbv
RT: 16.111 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

Instrument :
MSVOA_1
ClientSampleId :
SVP-03



Tgt Ion:105 Resp: 498639

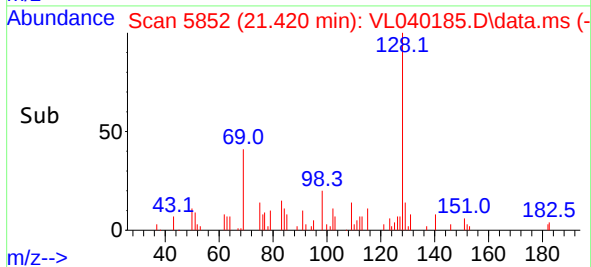
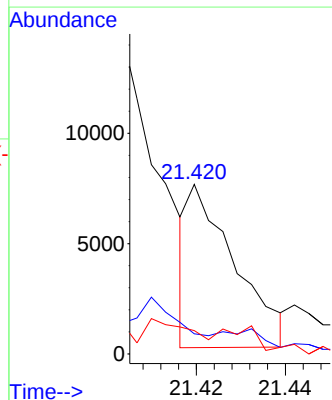
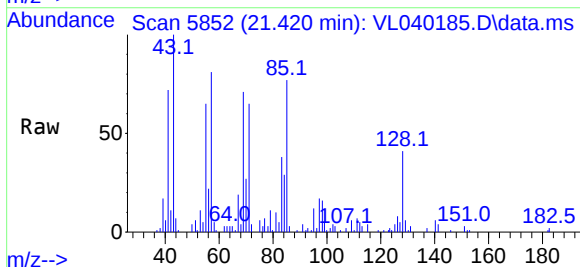
Ion	Ratio	Lower	Upper
105	100		
120	41.2	37.9	56.9
91	11.6	43.7	65.5#
77	13.4	18.3	27.5#

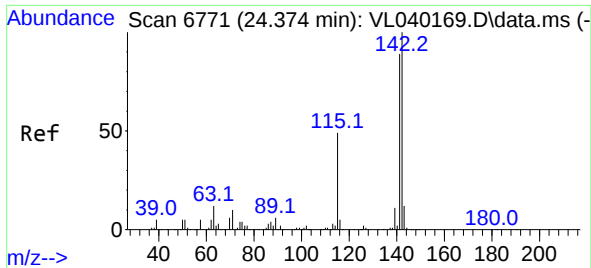


#79
Naphthalene
Concen: 0.040 ppbv
RT: 21.420 min Scan# 5852
Delta R.T. 0.035 min
Lab File: VL040185.D
Acq: 16 Feb 2023 19:42

Tgt Ion:128 Resp: 5407

Ion	Ratio	Lower	Upper
128	100		
127	10.6	10.2	15.4
129	13.1	9.4	14.0





#80
 Naphthalene, 2-methyl-
 Concen: 0.181 ppbv
 RT: 24.384 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: VL040185.D
 Acq: 16 Feb 2023 19:42

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-03

Tgt Ion:	142	Resp:	6978
Ion	Ratio	Lower	Upper
142	100		
141	97.8	67.3	100.9
115	46.7	36.5	54.7

