

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021323\
 Data File : VL040165.D
 Acq On : 13 Feb 2023 18:11
 Operator : SY/MD
 Sample : 01530-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-01

Quant Time: Feb 14 01:48:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Feb 14 01:41:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	917692	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2462029	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.497	117	2143927	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.806	95	1612130	9.048	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.735	85	65394	0.406	ppbv	94
3) Chlorodifluoromethane	2.681	51	66923	0.608	ppbv #	81
4) Chloromethane	2.816	50	35451	0.521	ppbv	96
7) Chloroethane	3.205	64	20378	0.924	ppbv	96
9) Propene	2.697	41	1940514	42.432	ppbv	91
10) Heptane	7.603	43	198113	1.880	ppbv	100
11) Trichlorofluoromethane	3.571	101	32101	0.200	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.079	101	6818	0.056	ppbv #	82
13) Ethanol	3.243	45	181333	43.080	ppbv	98
15) Acetone	3.472	43	1333237	12.114	ppbv #	73
16) 1,3-Butadiene	2.973	39	697210	13.588	ppbv #	31
17) tert-Butyl alcohol	3.890	59	433769	4.232	ppbv	98
19) Isopropyl Alcohol	3.587	45	173726	3.226	ppbv #	1
20) Methylene Chloride	3.941	84	227521	4.686	ppbv	92
21) Allyl Chloride	3.999	41	5138	0.073	ppbv #	17
23) Vinyl Acetate	4.623	43	82036	2.299	ppbv #	1
25) Ethyl Acetate	5.227	43	309227	1.595	ppbv #	79
26) Hexane	5.230	57	466837	5.502	ppbv #	36
27) Carbon Disulfide	4.134	76	33930	0.309	ppbv #	66
29) Chloroform	5.285	83	6877	0.051	ppbv	87
30) Cyclohexane	6.623	84	68454	1.015	ppbv	90
34) 2-Butanone	4.803	43	308888	2.652	ppbv	99
35) Carbon Tetrachloride	6.516	117	12399	0.089	ppbv	91
36) Benzene	6.388	78	157594	0.865	ppbv	95
39) 1,2-Dichloropropane	6.674	63	596886	8.375	ppbv #	23
41) Tetrahydrofuran	5.516	42	11348	0.169	ppbv #	70
44) 2,2,4-Trimethylpentane	7.349	57	262705	0.867	ppbv #	84
50) 4-Methyl-2-Pentanone	8.221	43	21359	0.117	ppbv #	81
51) 2-Hexanone	9.577	43	64172	0.462	ppbv #	30
52) Tetrachloroethene	10.648	164	1973	0.033	ppbv	87
53) Toluene	9.249	91	431661	2.221	ppbv	100
58) Ethyl Benzene	12.114	91	120602	0.504	ppbv	98
59) m/p-Xylene	12.371	91	368368	1.712	ppbv	96
60) o-Xylene	13.085	91	150078	0.735	ppbv	98
62) Isopropylbenzene	14.060	105	11680	0.040	ppbv #	82
64) n-propylbenzene	14.953	120	3002	0.041	ppbv #	1
71) 2-Chlorotoluene	14.947	91	46718	0.207	ppbv #	47
72) 4-Ethyltoluene	15.223	105	27859	0.123	ppbv #	57
73) 1,3,5-Trimethylbenzene	15.384	105	23770	0.117	ppbv	95
74) 1,2,4-Trimethylbenzene	16.137	105	140963	0.624	ppbv #	69

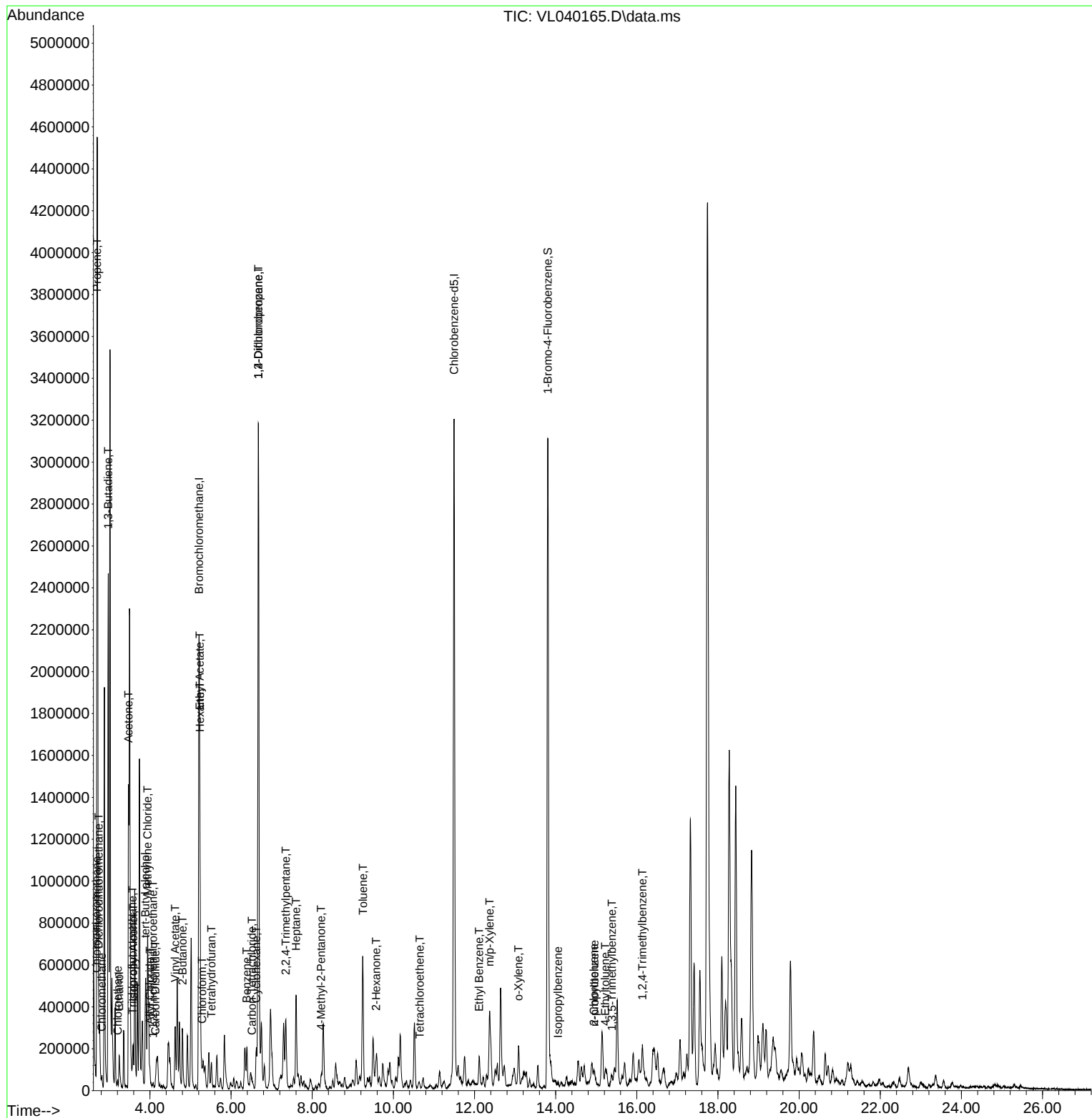
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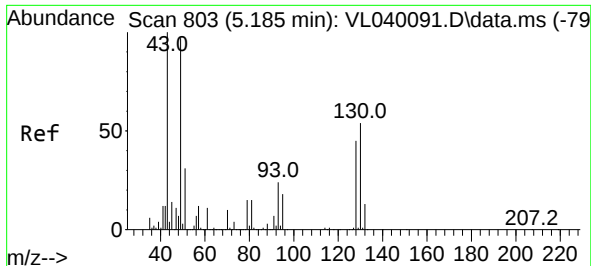
Instrument :
MSVOA_L
ClientSampleId :
SVP-01

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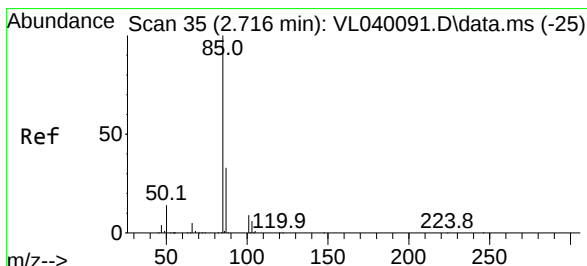
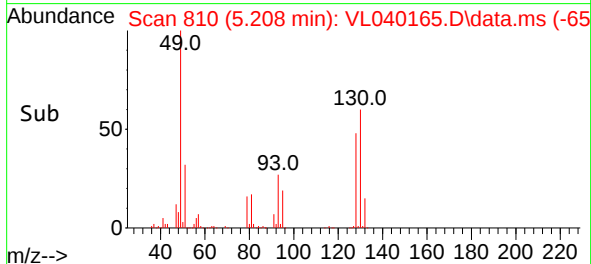
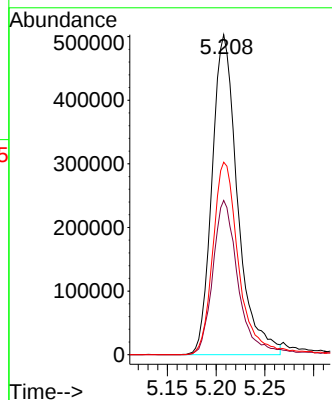
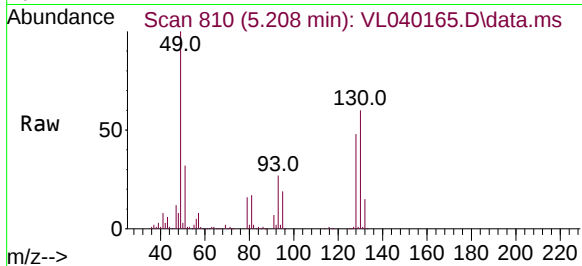




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL040165.D
Acq: 13 Feb 2023 18:11

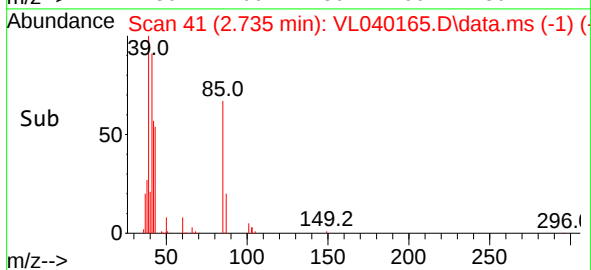
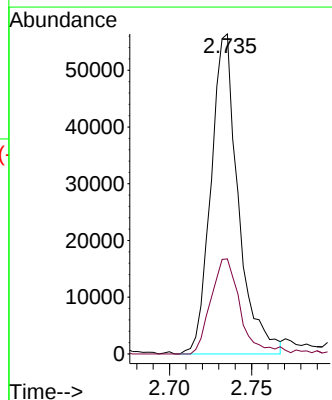
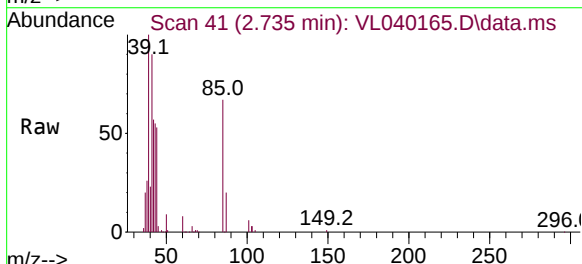
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MSVOA_L
ClientSampleId :
SVP-01

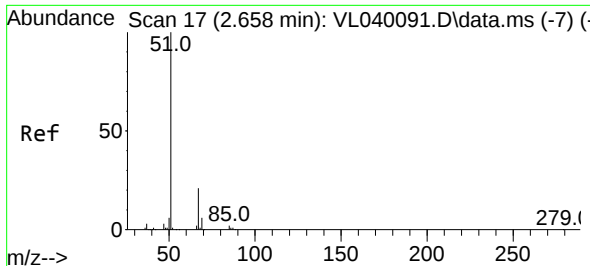
Tgt Ion: 49 Resp: 917692
Ion Ratio Lower Upper
49 100
128 49.2 23.6 71.0
130 62.0 29.8 89.3



#2
Dichlorodifluoromethane
Concen: 0.406 ppbv
RT: 2.735 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL040165.D
Acq: 13 Feb 2023 18:11

Tgt Ion: 85 Resp: 65394
Ion Ratio Lower Upper
85 100
87 29.7 26.5 39.7

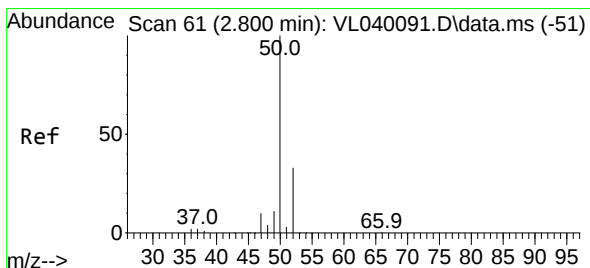
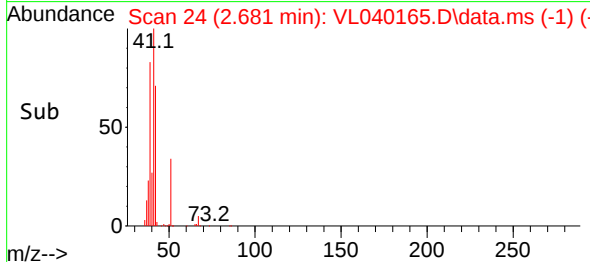
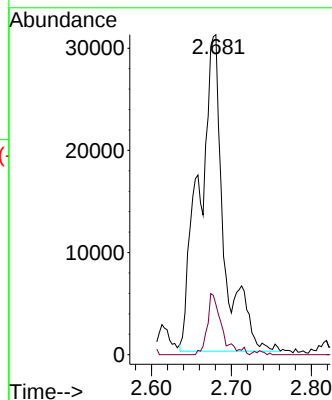
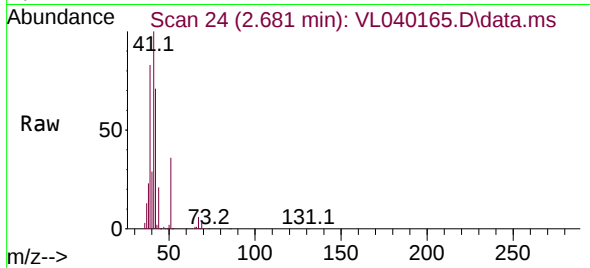




#3
Chlorodifluoromethane
Concen: 0.608 ppbv
RT: 2.681 min Scan# 24
Delta R.T. 0.006 min
Lab File: VL040165.D
Acq: 13 Feb 2023 18:11

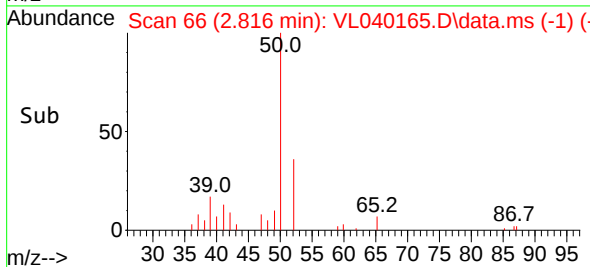
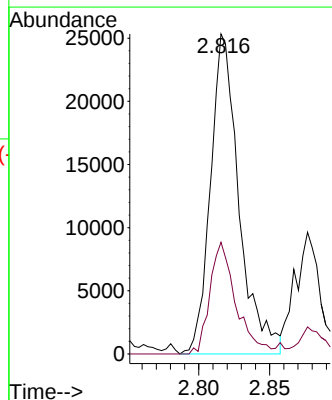
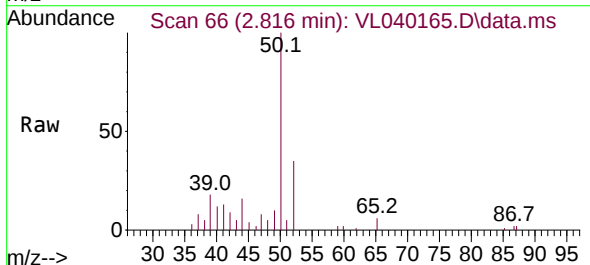
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MSVOA_L
ClientSampleId :
SVP-01

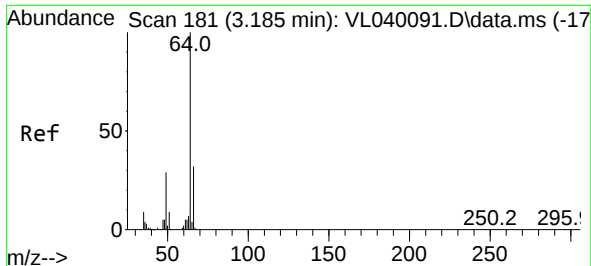
Tgt Ion: 51 Resp: 66923
Ion Ratio Lower Upper
51 100
67 11.6 16.4 24.6#



#4
Chloromethane
Concen: 0.521 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.003 min
Lab File: VL040165.D
Acq: 13 Feb 2023 18:11

Tgt Ion: 50 Resp: 35451
Ion Ratio Lower Upper
50 100
52 35.3 26.5 39.7

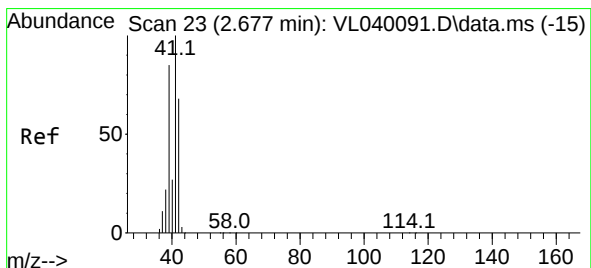
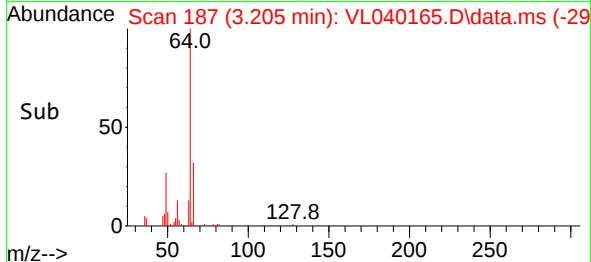
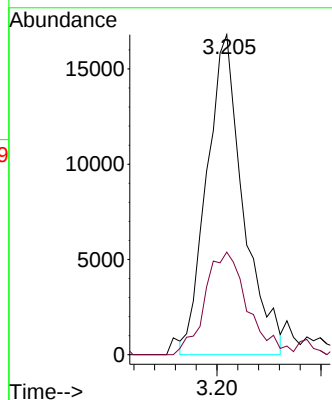
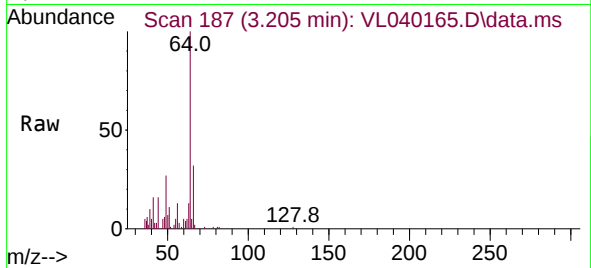




#7
Chloroethane
Concen: 0.924 ppbv
RT: 3.205 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL040165.D
Acq: 13 Feb 2023 18:11

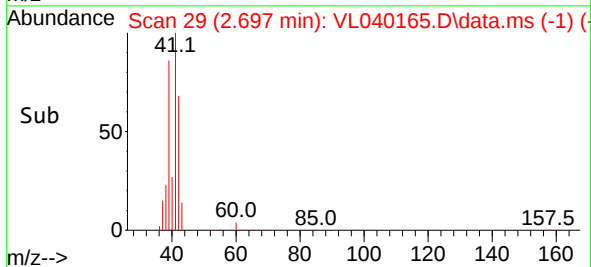
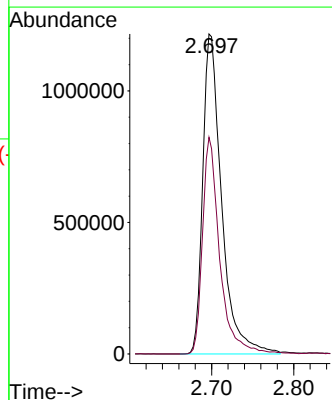
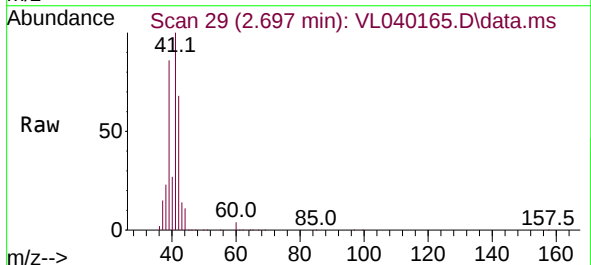
Instrument :
MSVOA_L
ClientSampleId :
SVP-01

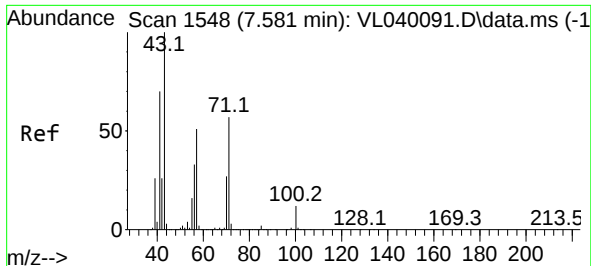
Tgt Ion: 64 Resp: 20378
Ion Ratio Lower Upper
64 100
66 34.4 25.6 38.4



#9
Propene
Concen: 42.432 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.003 min
Lab File: VL040165.D
Acq: 13 Feb 2023 18:11

Tgt Ion: 41 Resp: 1940514
Ion Ratio Lower Upper
41 100
42 61.8 55.6 83.4

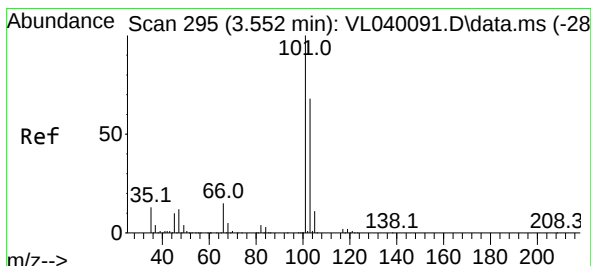
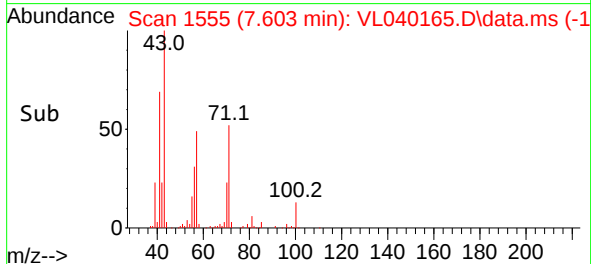
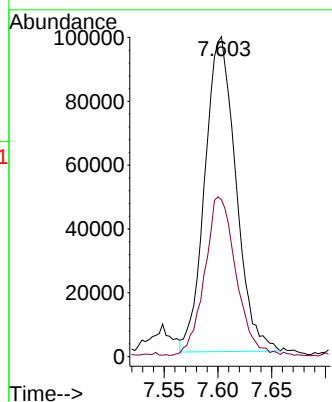
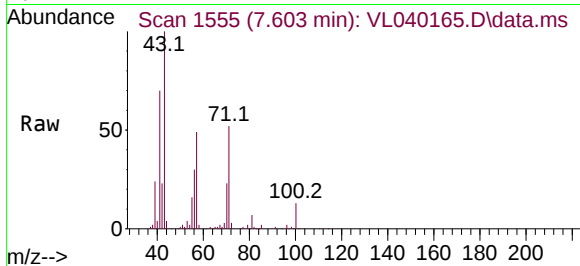




#10
Heptane
Concen: 1.880 ppbv
RT: 7.603 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040165.D
Acq: 13 Feb 2023 18:11

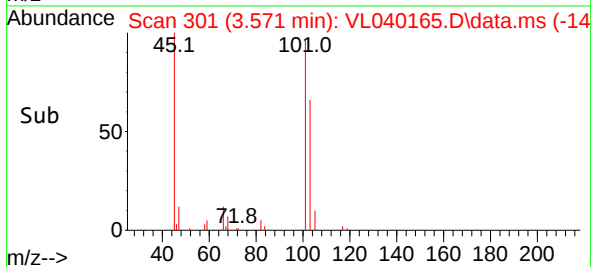
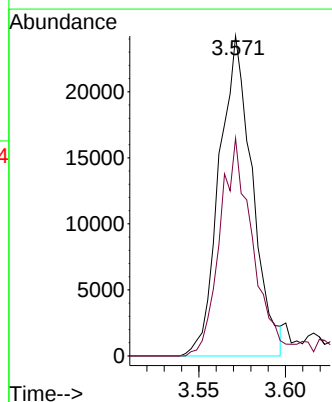
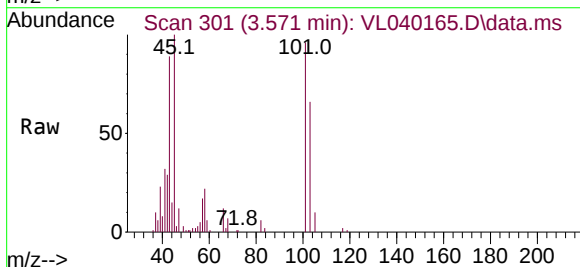
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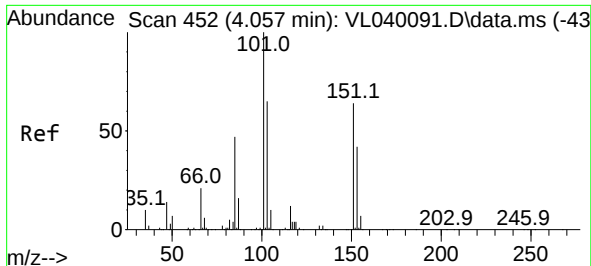
Tgt Ion: 43 Resp: 198113
Ion Ratio Lower Upper
43 100
57 50.9 40.9 61.3



#11
Trichlorofluoromethane
Concen: 0.200 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.003 min
Lab File: VL040165.D
Acq: 13 Feb 2023 18:11

Tgt Ion:101 Resp: 32101
Ion Ratio Lower Upper
101 100
103 68.1 54.0 81.0

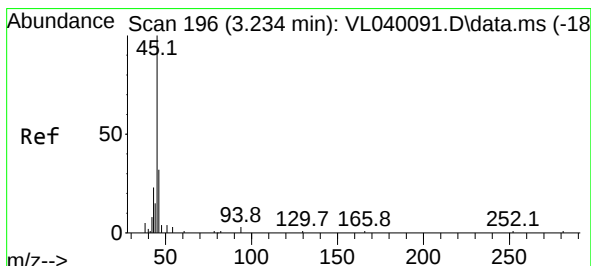
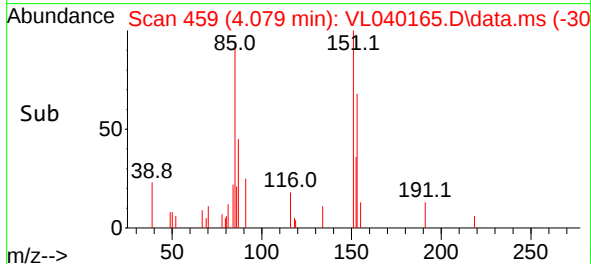
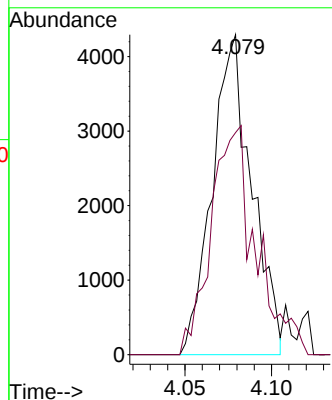
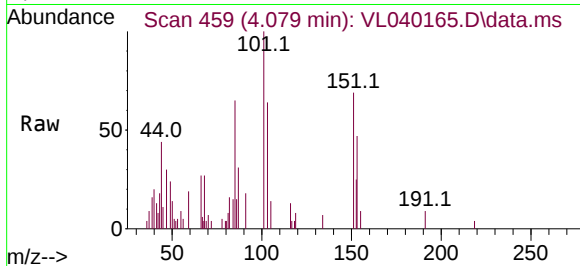




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.056 ppbv
RT: 4.079 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL040165.D
Acq: 13 Feb 2023 18:11

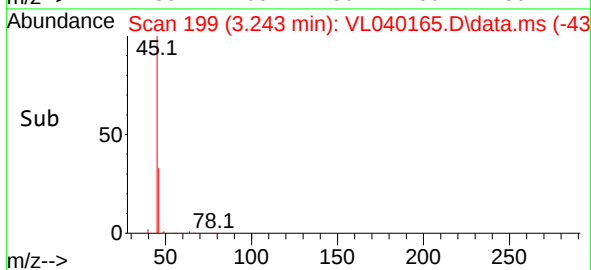
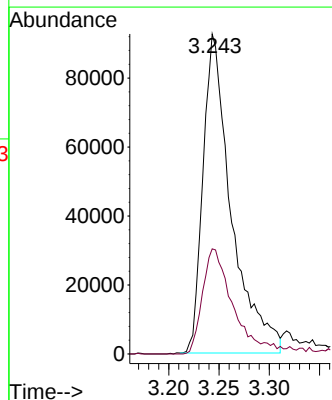
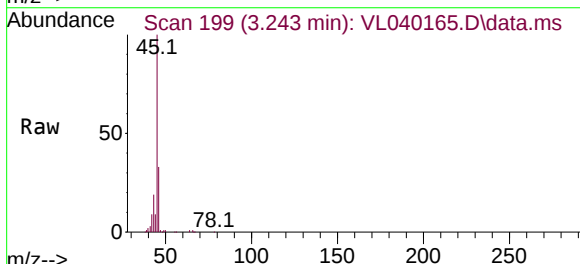
Instrument :
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ClientSampleId :
SVP-01

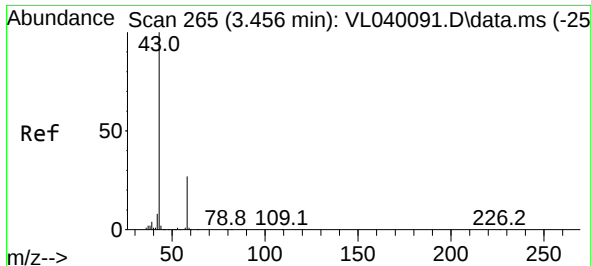
Tgt Ion:101 Resp: 6818
Ion Ratio Lower Upper
101 100
151 80.7 53.2 79.8#



#13
Ethanol
Concen: 43.080 ppbv
RT: 3.243 min Scan# 199
Delta R.T. -0.000 min
Lab File: VL040165.D
Acq: 13 Feb 2023 18:11

Tgt Ion: 45 Resp: 181333
Ion Ratio Lower Upper
45 100
46 38.1 14.8 59.2





#15

Acetone

Concen: 12.114 ppbv

RT: 3.472 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL040165.D

Acq: 13 Feb 2023 18:11

Instrument :

MSVOA_L

ClientSampleId :

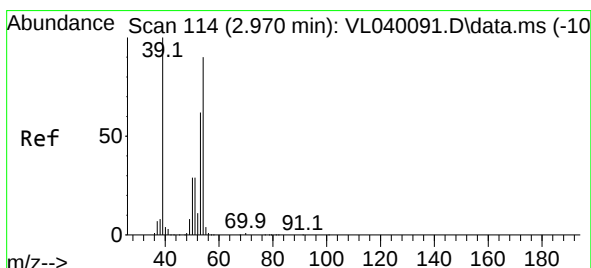
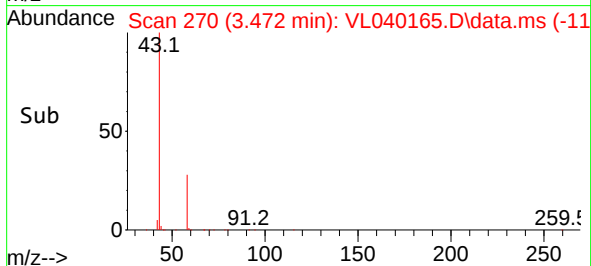
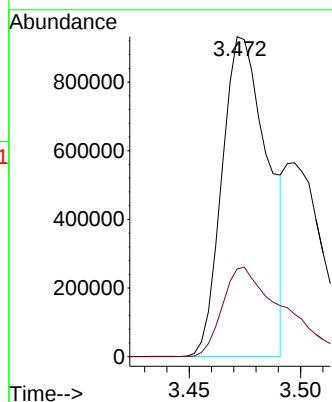
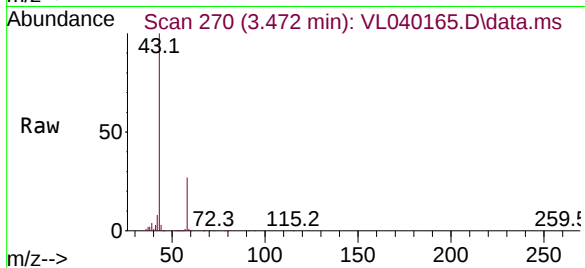
SVP-01

Tgt Ion: 43 Resp: 1333237

Ion Ratio Lower Upper

43 100

58 41.3 21.8 32.8#



#16

1,3-Butadiene

Concen: 13.588 ppbv

RT: 2.973 min Scan# 115

Delta R.T. -0.013 min

Lab File: VL040165.D

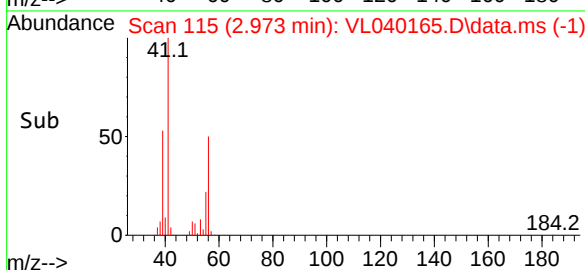
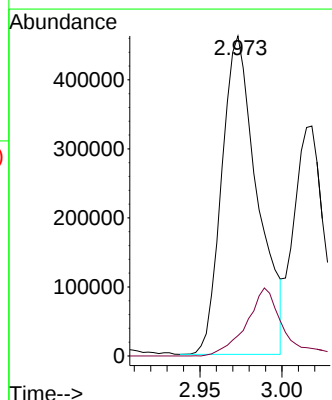
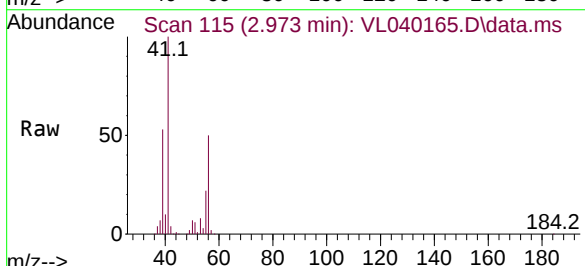
Acq: 13 Feb 2023 18:11

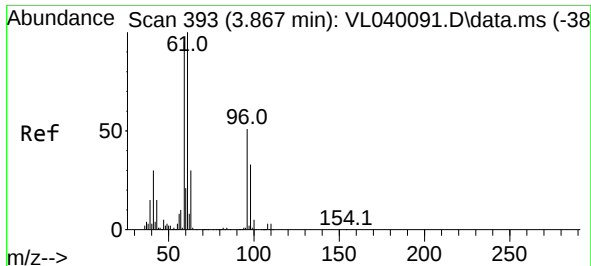
Tgt Ion: 39 Resp: 697210

Ion Ratio Lower Upper

39 100

54 21.9 67.9 101.9#





#17

tert-Butyl alcohol

Concen: 4.232 ppbv

RT: 3.890 min Scan# 40

Delta R.T. 0.006 min

Lab File: VL040165.D

Acq: 13 Feb 2023 18:11

Instrument :

MSVOA_1

ClientSampleId :

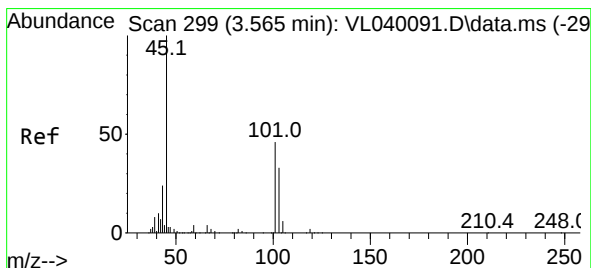
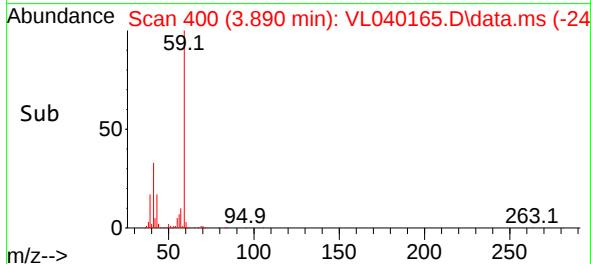
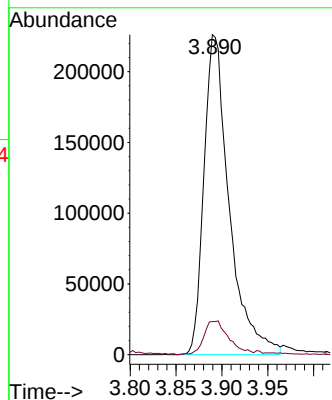
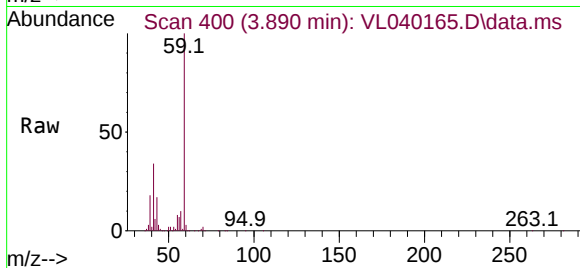
SVP-01

Tgt Ion: 59 Resp: 433769

Ion Ratio Lower Upper

59 100

57 11.4 8.5 12.7



#19

Isopropyl Alcohol

Concen: 3.226 ppbv

RT: 3.587 min Scan# 306

Delta R.T. 0.010 min

Lab File: VL040165.D

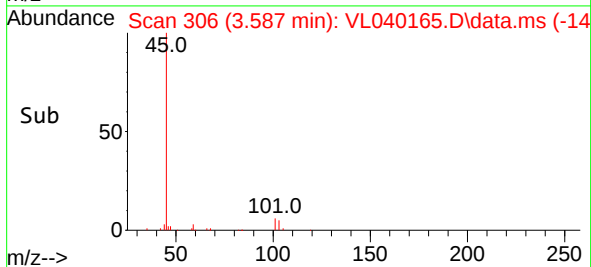
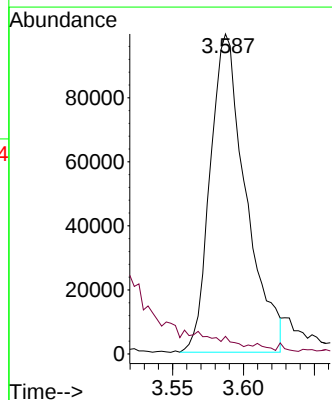
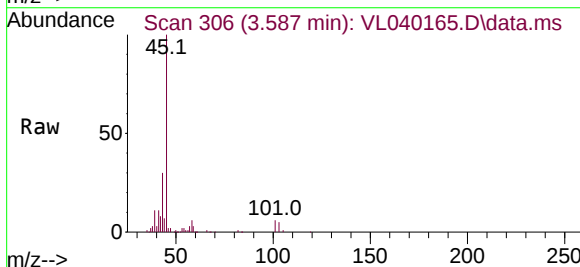
Acq: 13 Feb 2023 18:11

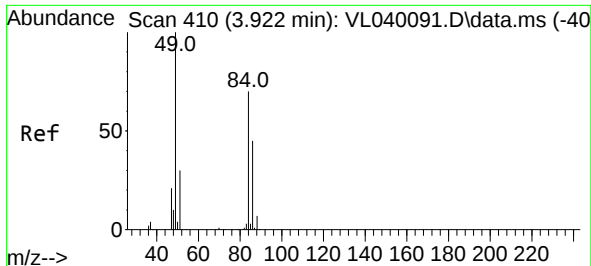
Tgt Ion: 45 Resp: 173726

Ion Ratio Lower Upper

45 100

58 316.6 2.6 4.0#





#20

Methylene Chloride

Concen: 4.686 ppbv

RT: 3.941 min Scan# 416

Delta R.T. 0.000 min

Lab File: VL040165.D

Acq: 13 Feb 2023 18:11

Instrument :

MSVOA_L

ClientSampleId :

SVP-01

Tgt Ion: 84 Resp: 227521

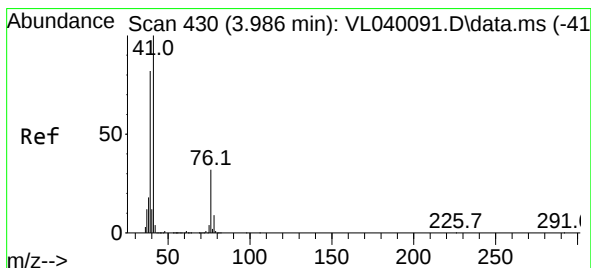
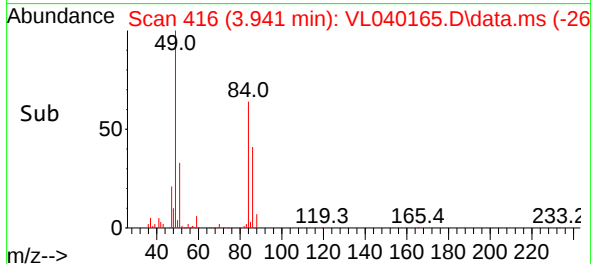
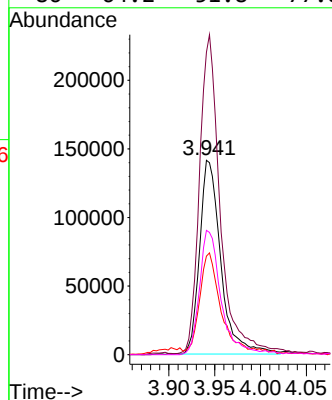
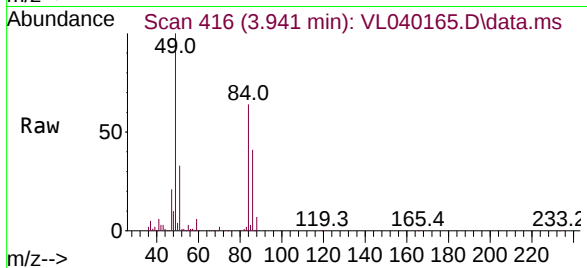
Ion Ratio Lower Upper

84 100

49 155.2 114.6 171.8

51 49.9 34.3 51.5

86 64.2 51.8 77.8



#21

Allyl Chloride

Concen: 0.073 ppbv

RT: 3.999 min Scan# 434

Delta R.T. -0.006 min

Lab File: VL040165.D

Acq: 13 Feb 2023 18:11

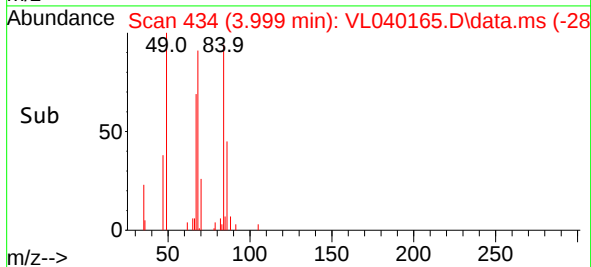
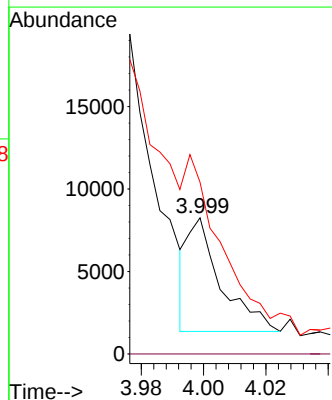
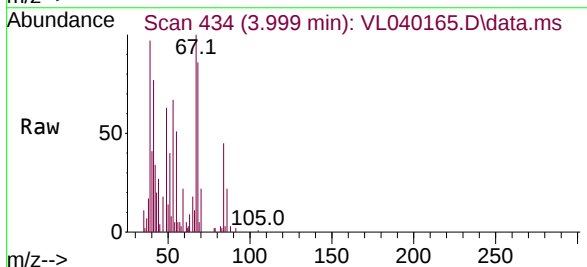
Tgt Ion: 41 Resp: 5138

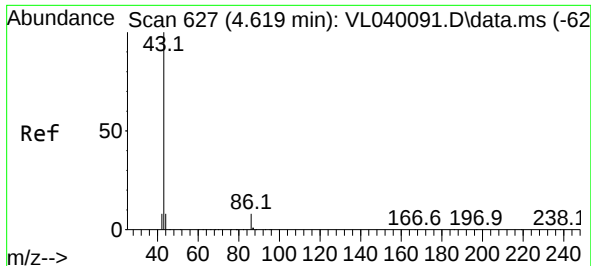
Ion Ratio Lower Upper

41 100

76 0.0 25.9 38.9#

39 0.0 66.8 100.2#

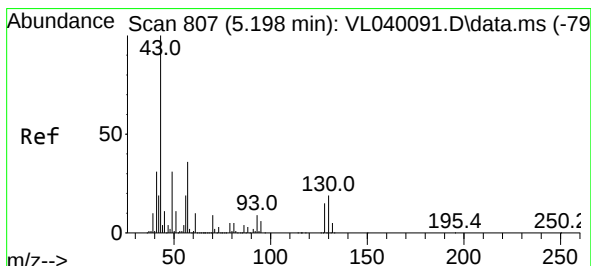
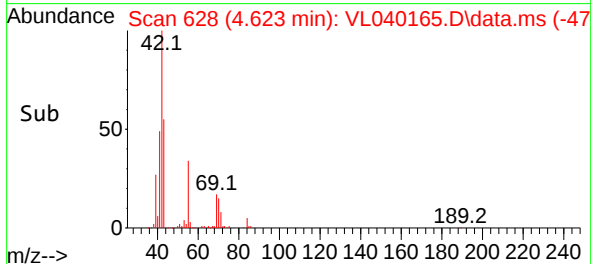
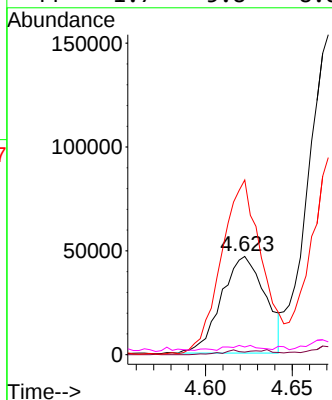
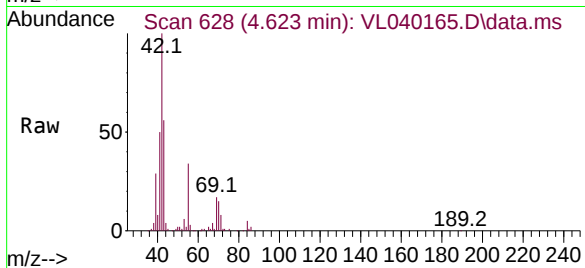




#23
 Vinyl Acetate
 Concen: 2.299 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. -0.013 min
 Lab File: VL040165.D
 Acq: 13 Feb 2023 18:11

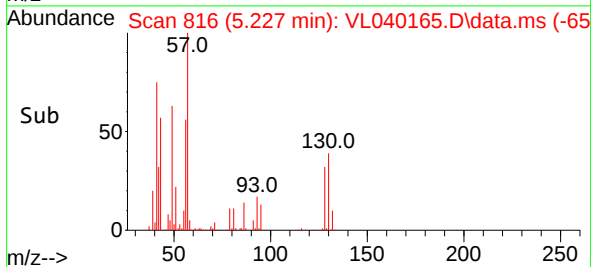
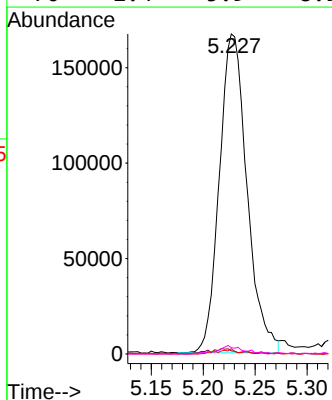
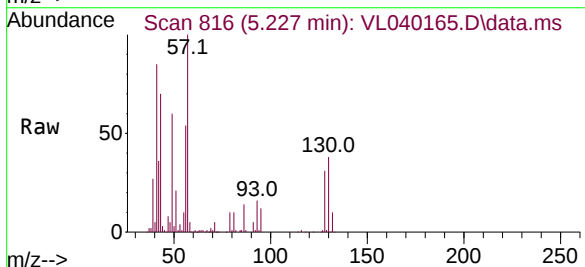
Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-01

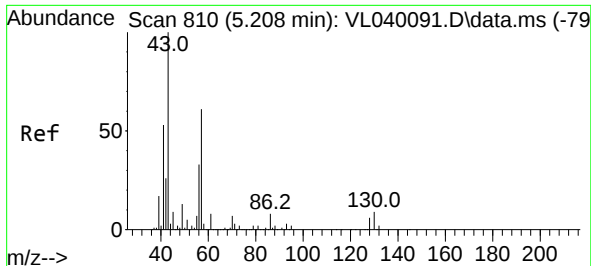
Tgt Ion: 43	Resp: 82036
Ion Ratio	Lower Upper
43 100	
86 2.7	5.6 8.4#
42 179.9	7.7 11.5#
44 1.7	5.8 8.8#



#25
 Ethyl Acetate
 Concen: 1.595 ppbv
 RT: 5.227 min Scan# 816
 Delta R.T. 0.010 min
 Lab File: VL040165.D
 Acq: 13 Feb 2023 18:11

Tgt	Ion: 43	Resp:	309227
Ion	Ratio	Lower	Upper
43	100		
45	2.0	8.5	12.7#
61	1.4	8.4	12.6#
70	2.4	5.9	8.9#

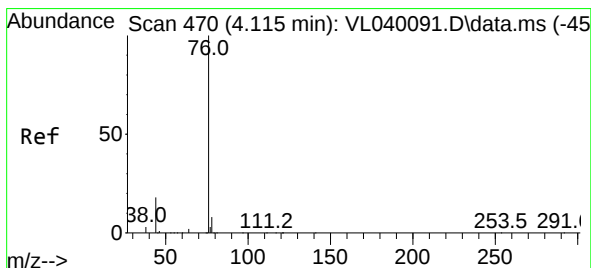
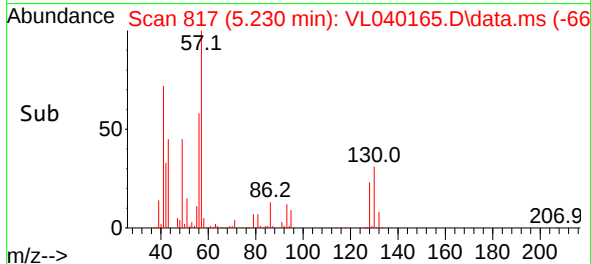
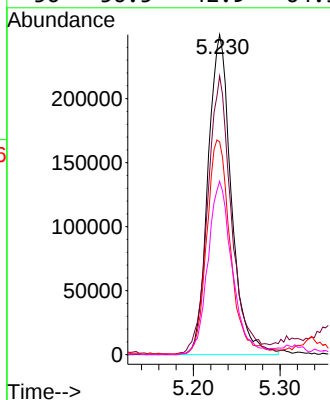
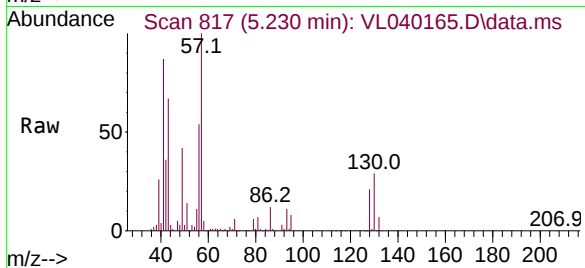




#26
Hexane
Concen: 5.502 ppbv
RT: 5.230 min Scan# 810
Delta R.T. 0.003 min
Lab File: VL040165.D
Acq: 13 Feb 2023 18:11

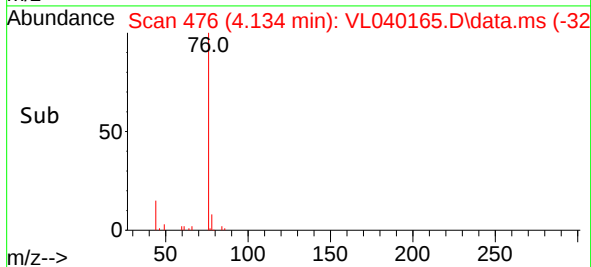
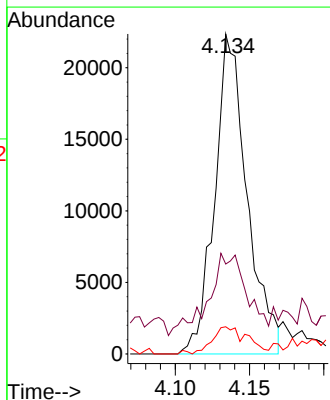
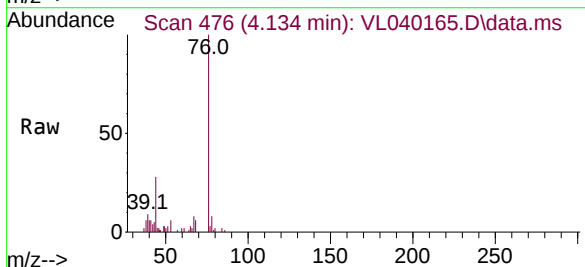
Instrument :
MSVOA_L
ClientSampleId :
SVP-01

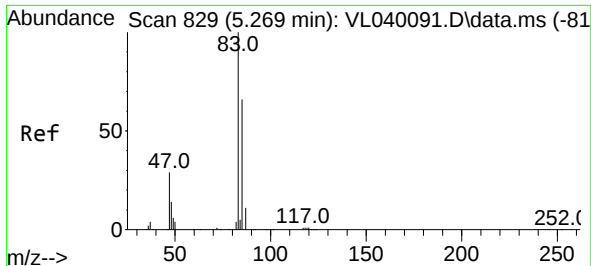
Tgt Ion: 57 Resp: 466837
Ion Ratio Lower Upper
57 100
41 89.4 72.2 108.4
43 67.4 192.1 288.1#
56 56.5 42.9 64.3



#27
Carbon Disulfide
Concen: 0.309 ppbv
RT: 4.134 min Scan# 476
Delta R.T. 0.000 min
Lab File: VL040165.D
Acq: 13 Feb 2023 18:11

Tgt Ion: 76 Resp: 33930
Ion Ratio Lower Upper
76 100
44 41.7 14.9 22.3#
78 9.3 8.2 12.2





#29

Chloroform

Concen: 0.051 ppbv

RT: 5.285 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL040165.D

Acq: 13 Feb 2023 18:11

Instrument :

MSVOA_L

ClientSampleId :

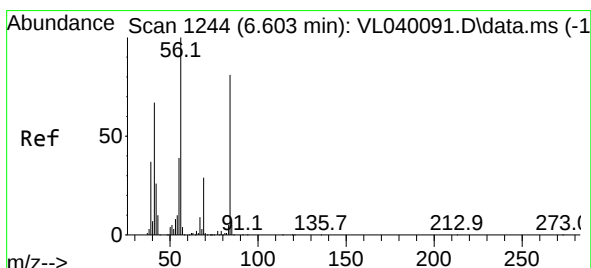
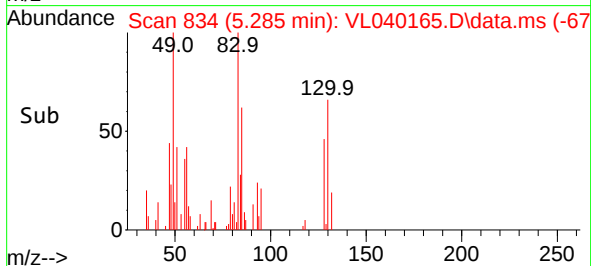
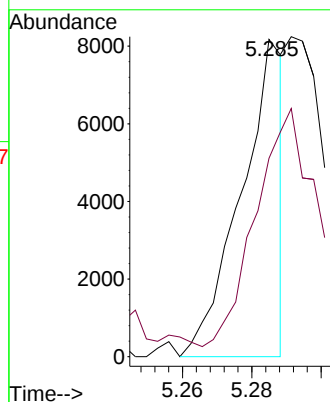
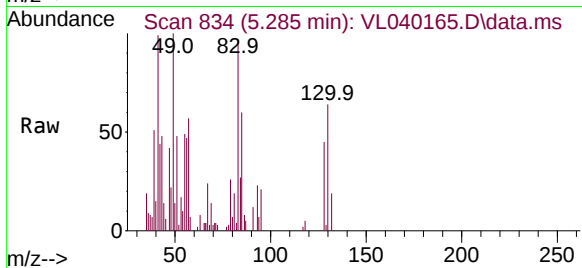
SVP-01

Tgt Ion: 83 Resp: 6877

Ion Ratio Lower Upper

83 100

85 56.3 53.1 79.7



#30

Cyclohexane

Concen: 1.015 ppbv

RT: 6.623 min Scan# 1250

Delta R.T. 0.003 min

Lab File: VL040165.D

Acq: 13 Feb 2023 18:11

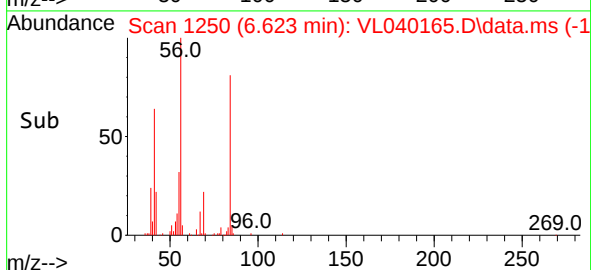
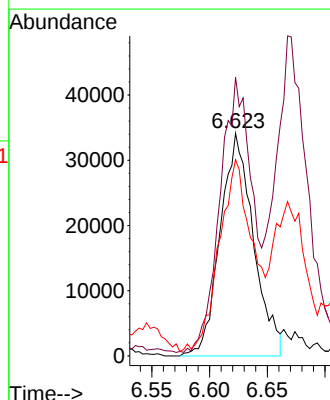
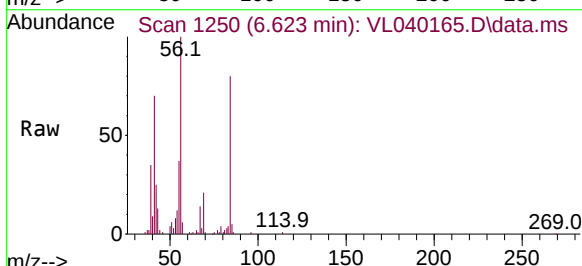
Tgt Ion: 84 Resp: 68454

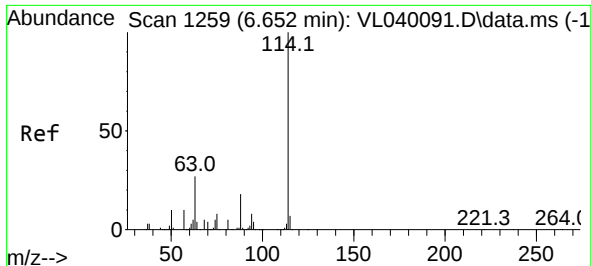
Ion Ratio Lower Upper

84 100

56 123.1 111.5 167.3

41 85.9 71.4 107.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.671 min Scan# 114

Delta R.T. -0.000 min

Lab File: VL040165.D

Acq: 13 Feb 2023 18:11

Instrument :

MSVOA_L

ClientSampleId :

SVP-01

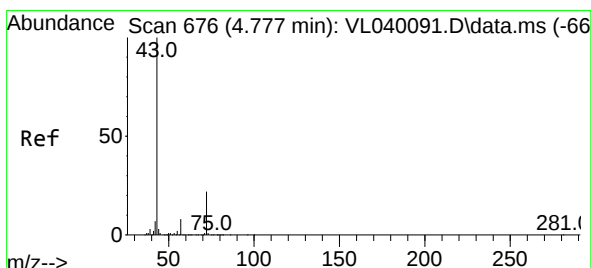
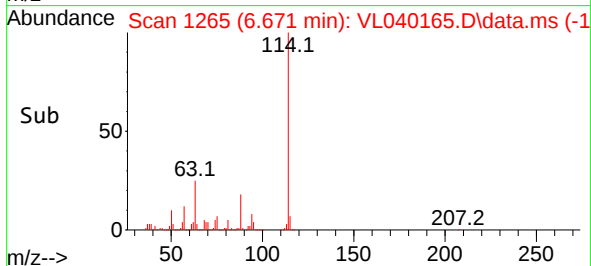
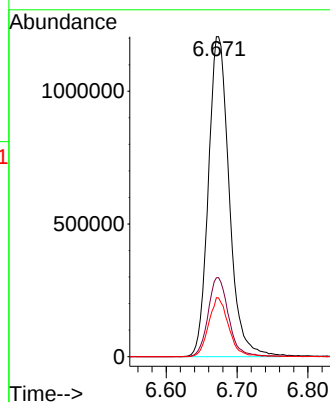
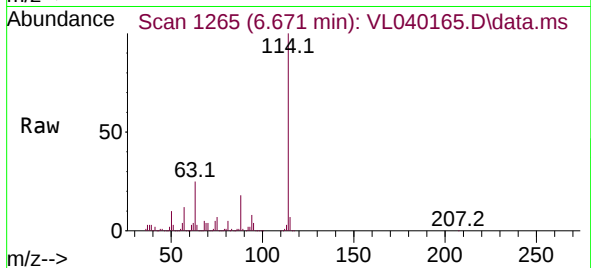
Tgt Ion:114 Resp: 2462029

Ion Ratio Lower Upper

114 100

63 24.6 21.8 32.8

88 17.8 14.8 22.2



#34

2-Butanone

Concen: 2.652 ppbv

RT: 4.803 min Scan# 684

Delta R.T. 0.006 min

Lab File: VL040165.D

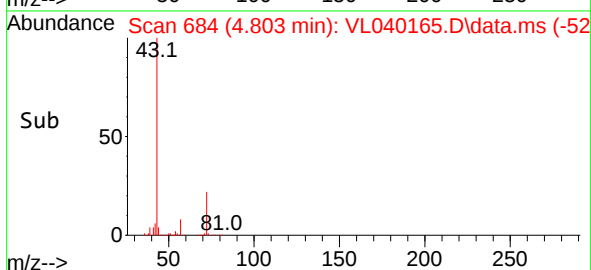
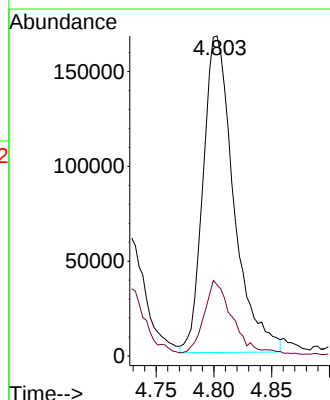
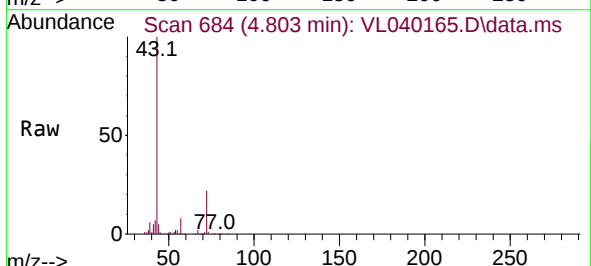
Acq: 13 Feb 2023 18:11

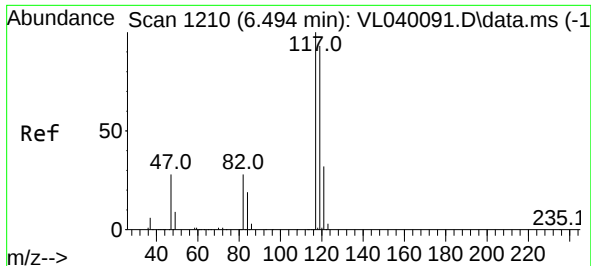
Tgt Ion: 43 Resp: 308888

Ion Ratio Lower Upper

43 100

72 22.5 18.4 27.6

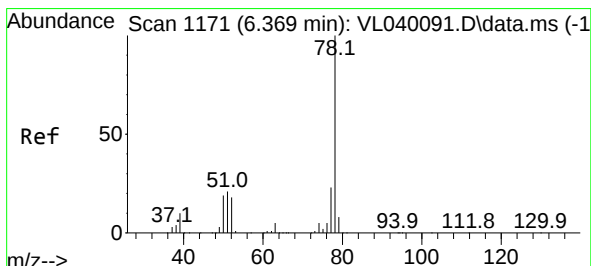
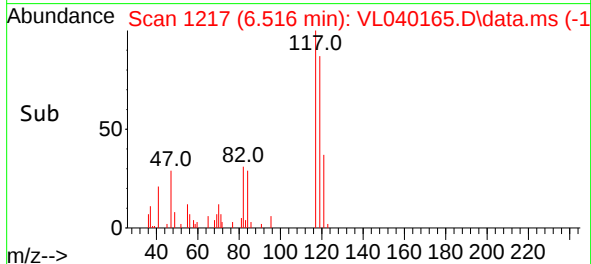
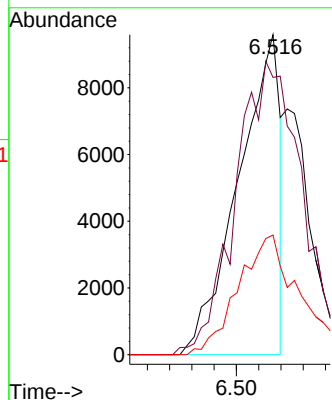
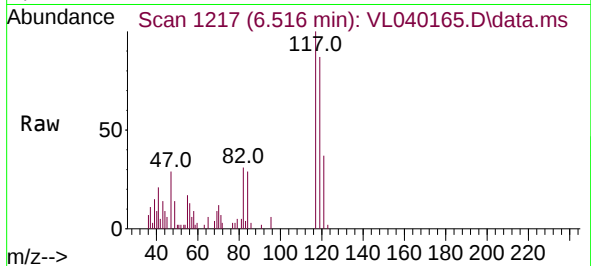




#35
Carbon Tetrachloride
Concen: 0.089 ppbv
RT: 6.516 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VL040165.D
Acq: 13 Feb 2023 18:11

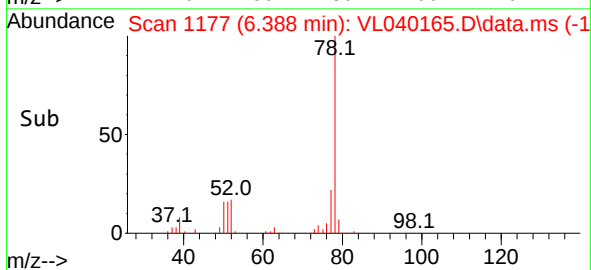
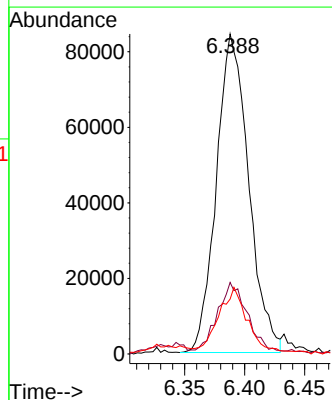
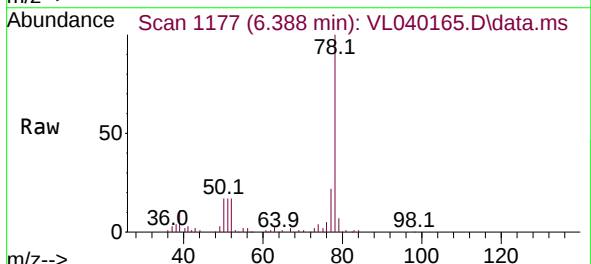
Instrument :
MSVOA_L
ClientSampleId :
SVP-01

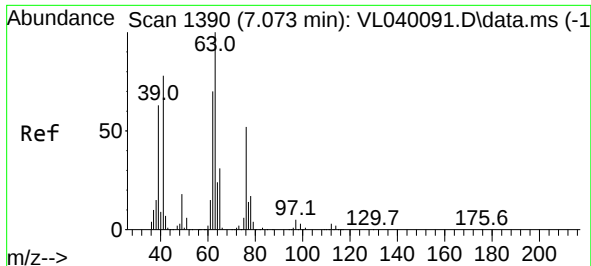
Tgt Ion:117 Resp: 12399
Ion Ratio Lower Upper
117 100
119 84.4 74.5 111.7
121 37.4 25.4 38.0



#36
Benzene
Concen: 0.865 ppbv
RT: 6.388 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VL040165.D
Acq: 13 Feb 2023 18:11

Tgt Ion: 78 Resp: 157594
Ion Ratio Lower Upper
78 100
77 21.4 18.1 27.1
50 16.3 15.6 23.4





#39

1,2-Dichloropropane

Concen: 8.375 ppbv

RT: 6.674 min Scan# 11

Delta R.T. -0.421 min

Lab File: VL040165.D

Acq: 13 Feb 2023 18:11

Instrument :

MSVOA_L

ClientSampleId :

SVP-01

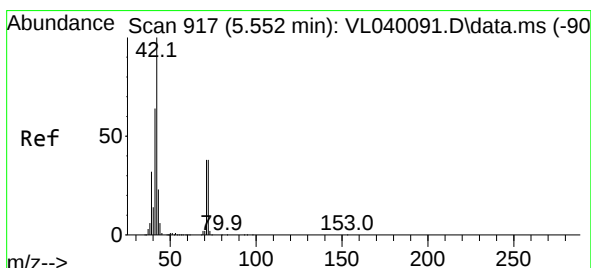
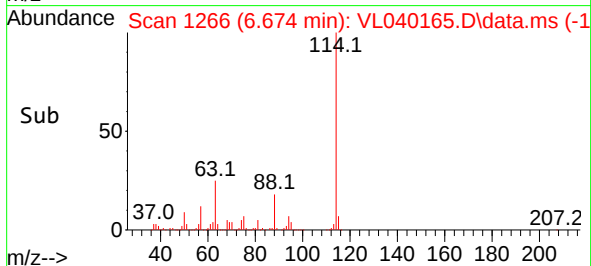
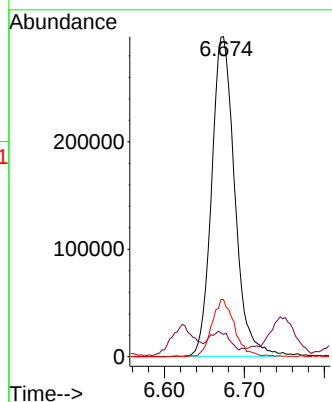
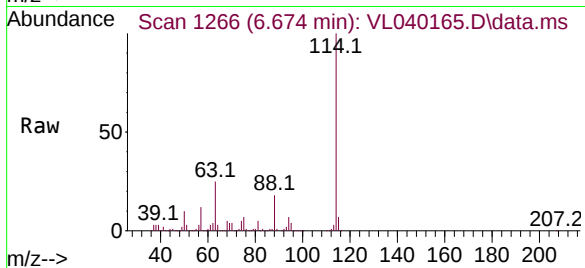
Tgt Ion: 63 Resp: 596886

Ion Ratio Lower Upper

63 100

41 0.0 62.2 93.4#

62 17.8 55.8 83.8#



#41

Tetrahydrofuran

Concen: 0.169 ppbv

RT: 5.516 min Scan# 906

Delta R.T. -0.058 min

Lab File: VL040165.D

Acq: 13 Feb 2023 18:11

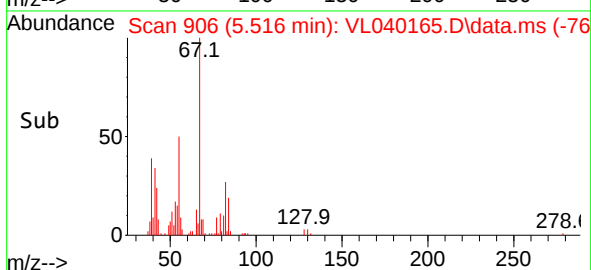
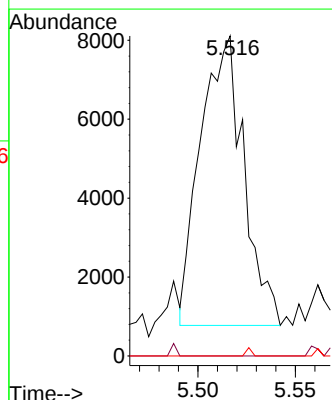
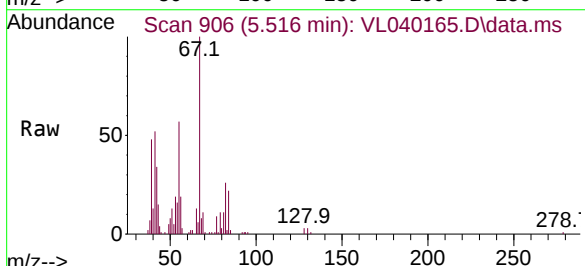
Tgt Ion: 42 Resp: 11348

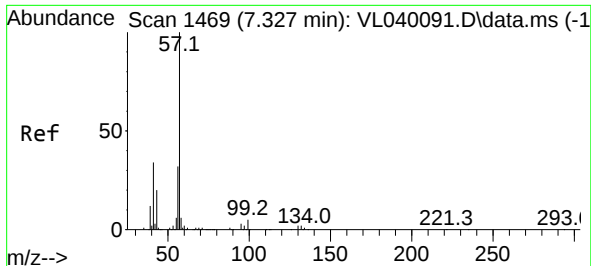
Ion Ratio Lower Upper

42 100

72 22.8 31.9 47.9#

71 19.8 31.4 47.2#





#44

2,2,4-Trimethylpentane

Concen: 0.867 ppbv

RT: 7.349 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VL040165.D

Acq: 13 Feb 2023 18:11

Instrument :

MSVOA_1

ClientSampleId :

SVP-01

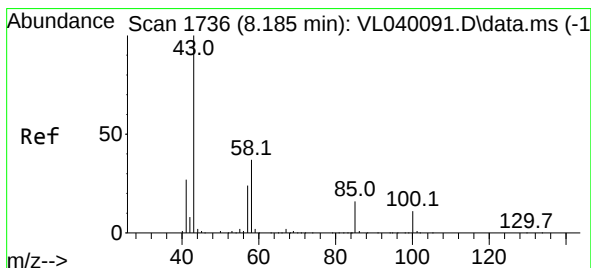
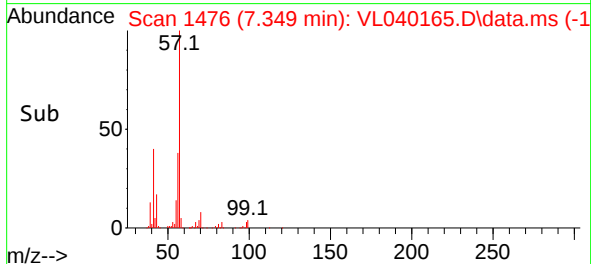
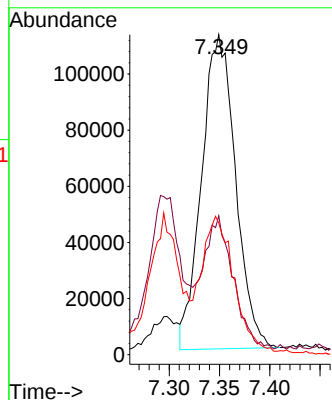
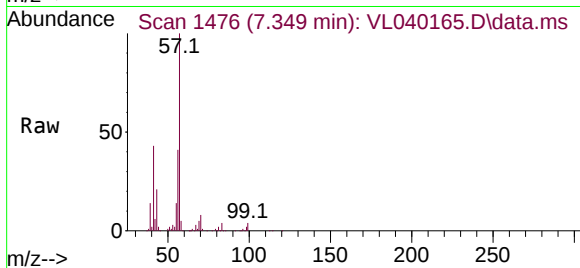
Tgt Ion: 57 Resp: 262705

Ion Ratio Lower Upper

57 100

41 40.1 27.1 40.7

56 42.8 25.0 37.4#



#50

4-Methyl-2-Pentanone

Concen: 0.117 ppbv

RT: 8.221 min Scan# 1747

Delta R.T. 0.016 min

Lab File: VL040165.D

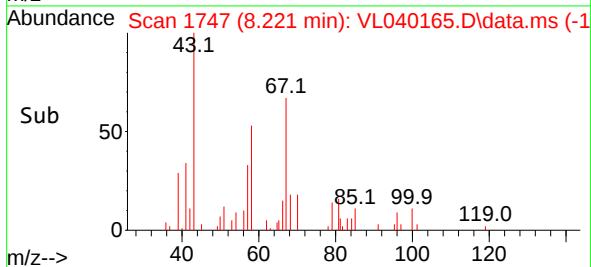
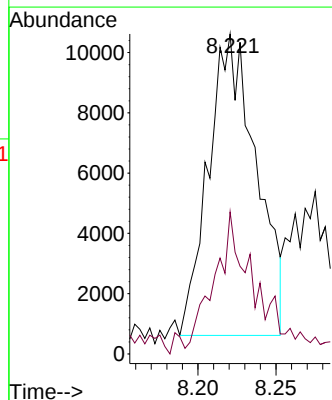
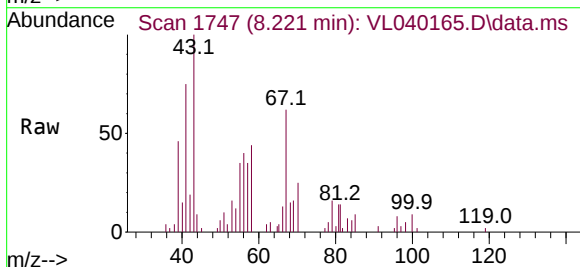
Acq: 13 Feb 2023 18:11

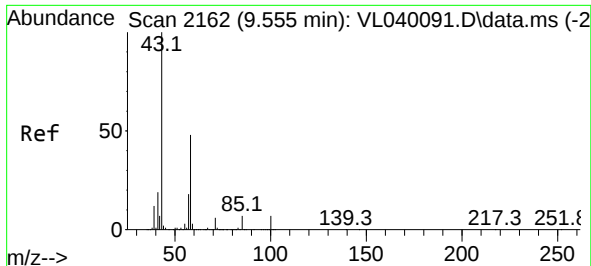
Tgt Ion: 43 Resp: 21359

Ion Ratio Lower Upper

43 100

58 46.9 28.8 43.2#

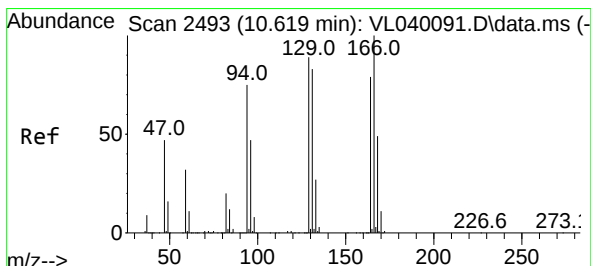
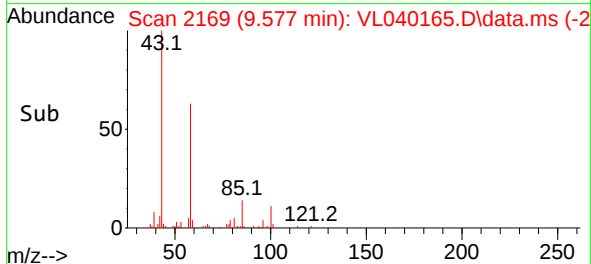
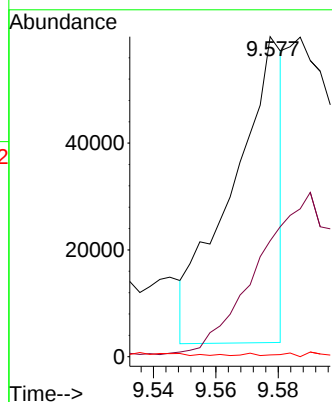
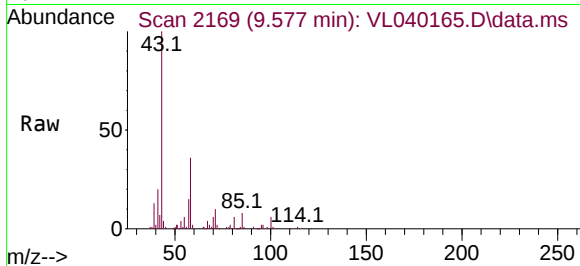




#51
2-Hexanone
Concen: 0.462 ppbv
RT: 9.577 min Scan# 2162
Delta R.T. 0.003 min
Lab File: VL040165.D
Acq: 13 Feb 2023 18:11

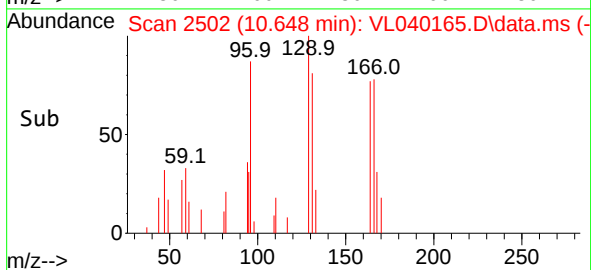
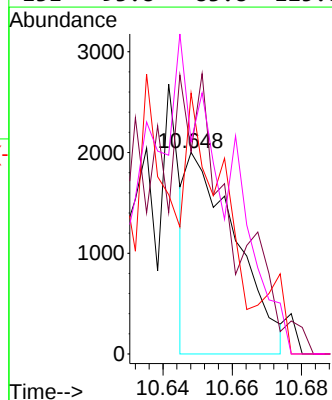
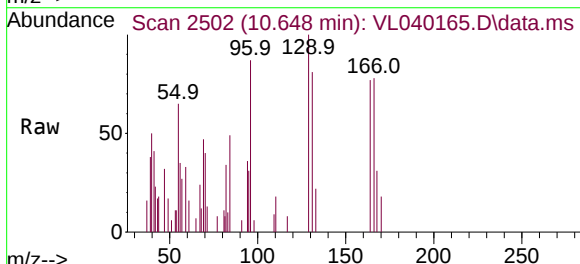
Instrument :
MSVOA_L
ClientSampleId :
SVP-01

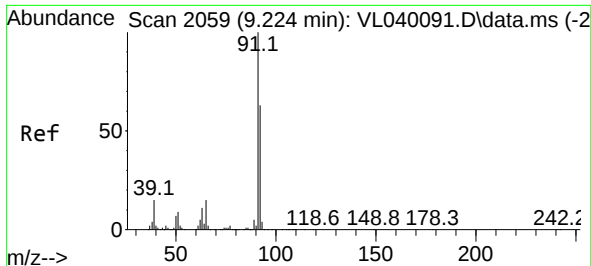
Tgt Ion: 43 Resp: 64172
Ion Ratio Lower Upper
43 100
58 0.0 37.5 56.3#
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.033 ppbv
RT: 10.648 min Scan# 2502
Delta R.T. 0.003 min
Lab File: VL040165.D
Acq: 13 Feb 2023 18:11

Tgt Ion: 164 Resp: 1973
Ion Ratio Lower Upper
164 100
166 104.7 101.2 151.8
129 105.1 90.2 135.2
131 93.8 83.8 125.8

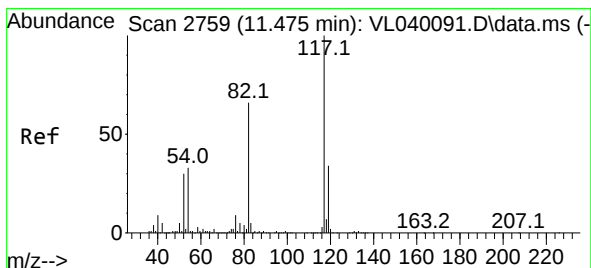
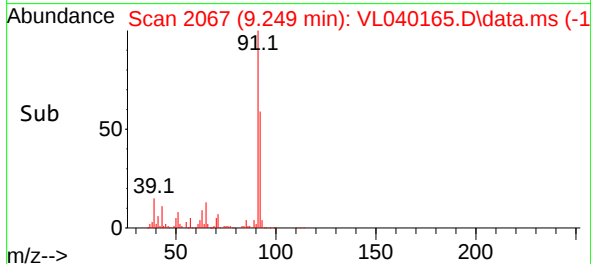
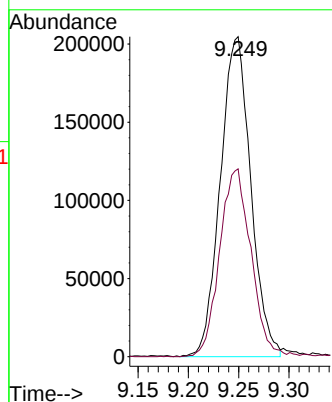
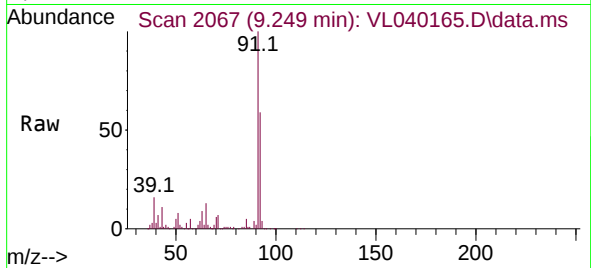




#53
Toluene
Concen: 2.221 ppbv
RT: 9.249 min Scan# 2059
Delta R.T. 0.003 min
Lab File: VL040165.D
Acq: 13 Feb 2023 18:11

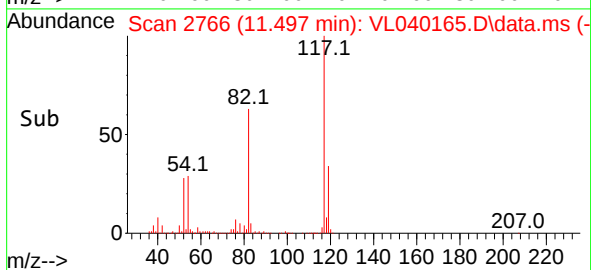
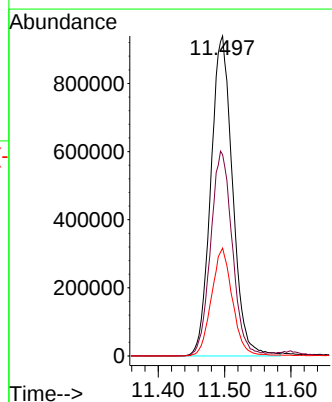
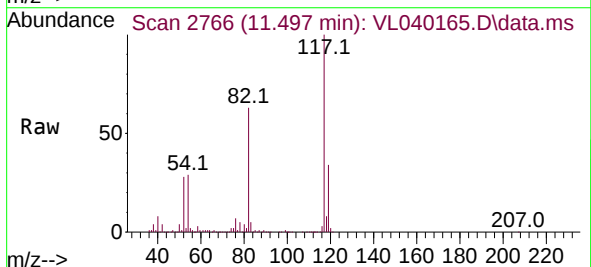
Instrument :
MSVOA_L
ClientSampleId :
SVP-01

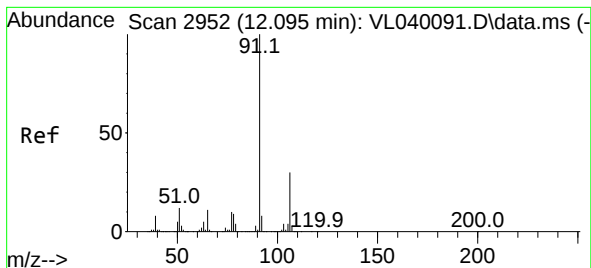
Tgt Ion: 91 Resp: 431661
Ion Ratio Lower Upper
91 100
92 60.6 48.3 72.5



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VL040165.D
Acq: 13 Feb 2023 18:11

Tgt Ion: 117 Resp: 2143927
Ion Ratio Lower Upper
117 100
82 64.0 54.4 81.6
119 32.8 26.8 40.2

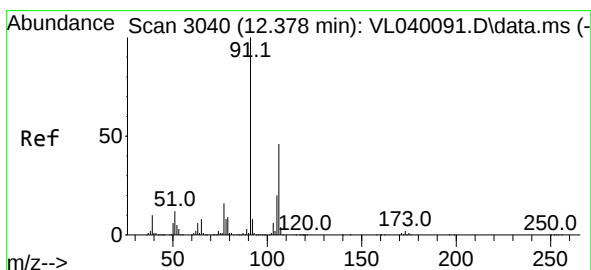
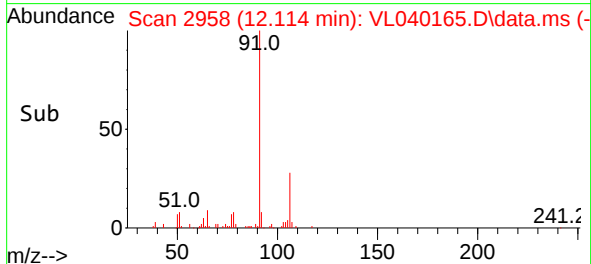
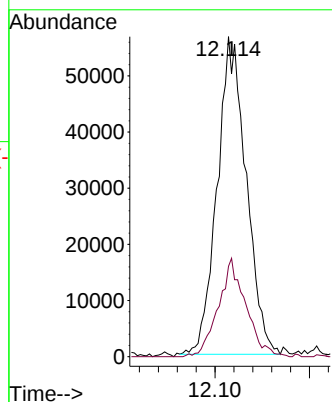
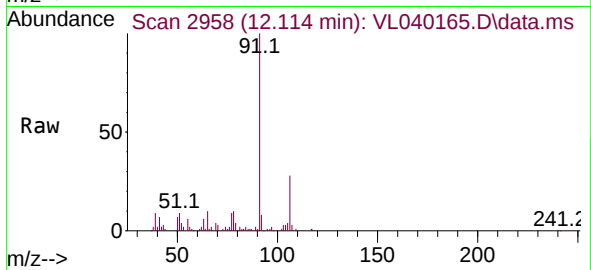




#58
Ethyl Benzene
Concen: 0.504 ppbv
RT: 12.114 min Scan# 2958
Delta R.T. -0.003 min
Lab File: VL040165.D
Acq: 13 Feb 2023 18:11

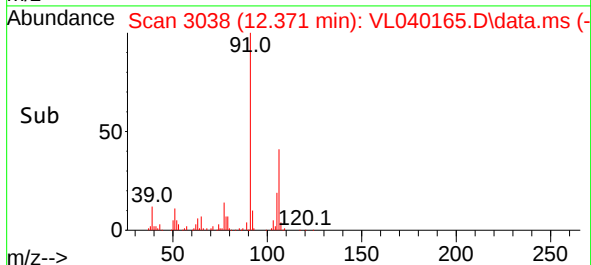
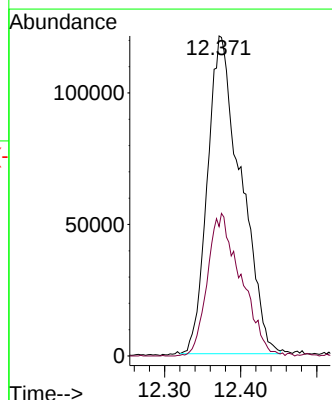
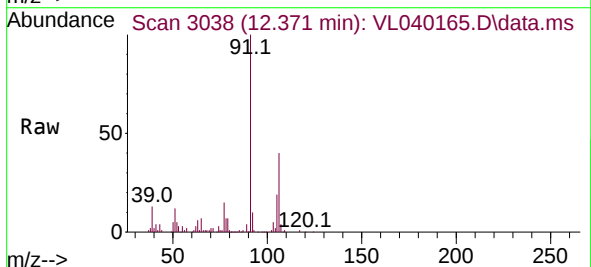
Instrument :
MSVOA_L
ClientSampleId :
SVP-01

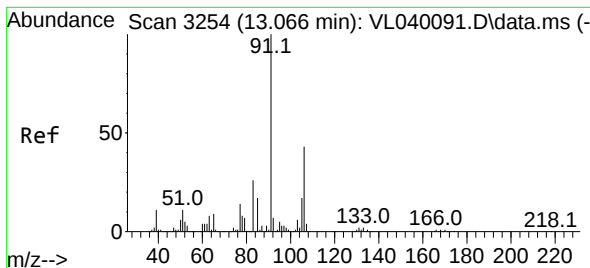
Tgt Ion: 91 Resp: 120602
Ion Ratio Lower Upper
91 100
106 28.5 23.7 35.5



#59
m/p-Xylene
Concen: 1.712 ppbv
RT: 12.371 min Scan# 3038
Delta R.T. -0.032 min
Lab File: VL040165.D
Acq: 13 Feb 2023 18:11

Tgt Ion: 91 Resp: 368368
Ion Ratio Lower Upper
91 100
106 45.5 34.2 51.4





#60

o-Xylene

Concen: 0.735 ppbv

RT: 13.085 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL040165.D

Acq: 13 Feb 2023 18:11

Instrument :

MSVOA_L

ClientSampleId :

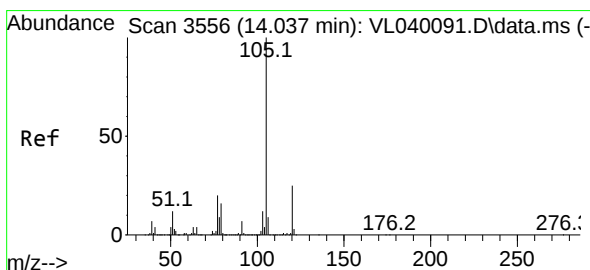
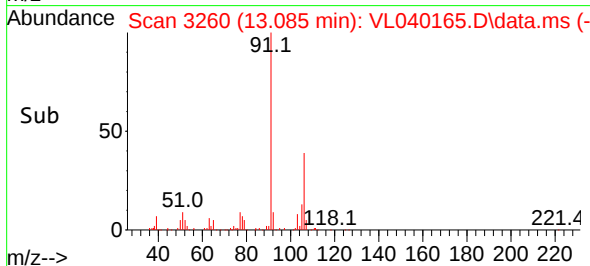
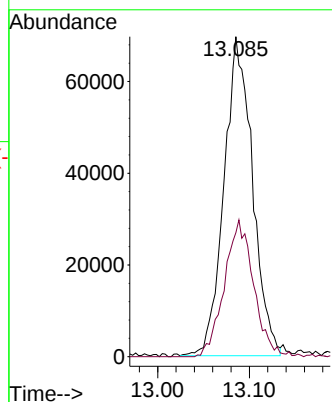
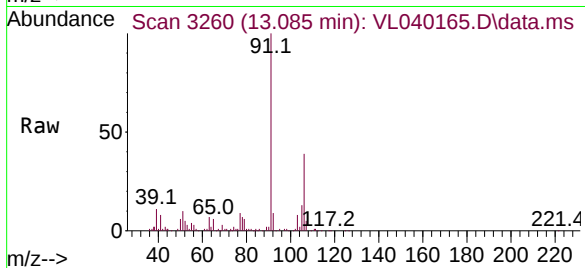
SVP-01

Tgt Ion: 91 Resp: 150078

Ion Ratio Lower Upper

91 100

106 44.2 21.6 64.8



#62

Isopropylbenzene

Concen: 0.040 ppbv

RT: 14.060 min Scan# 3563

Delta R.T. 0.000 min

Lab File: VL040165.D

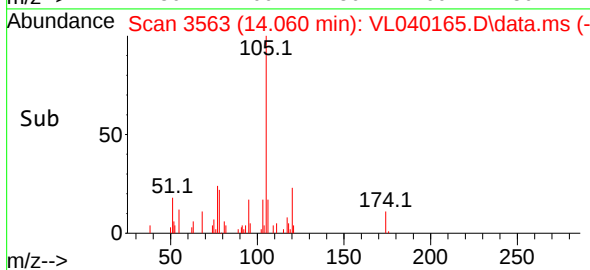
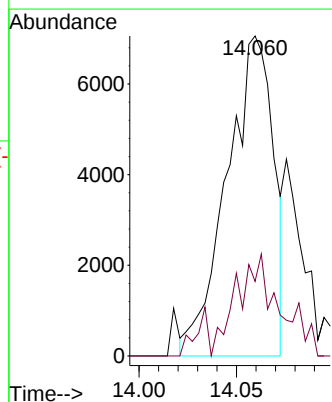
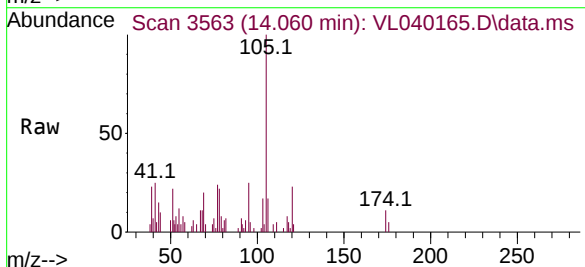
Acq: 13 Feb 2023 18:11

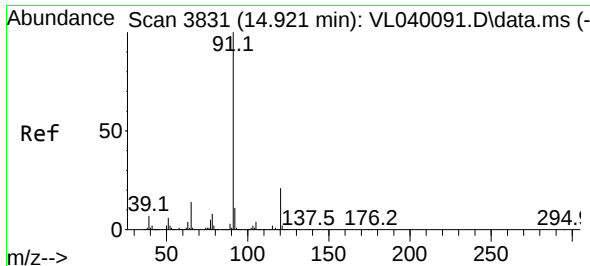
Tgt Ion: 105 Resp: 11680

Ion Ratio Lower Upper

105 100

120 34.2 20.2 30.2#

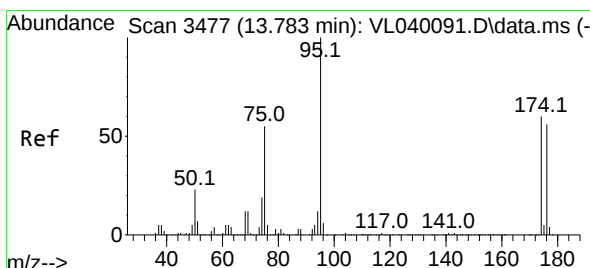
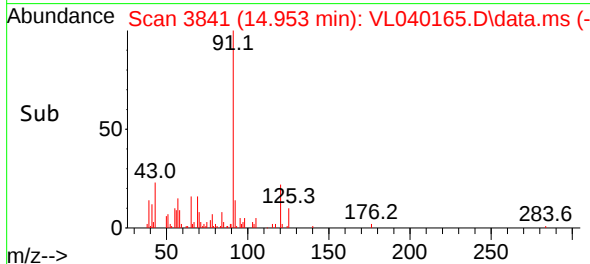
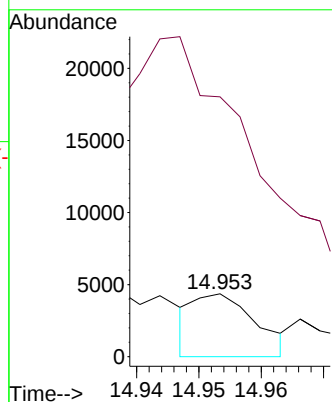
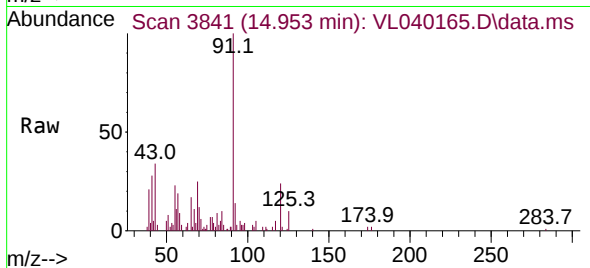




#64
n-propylbenzene
Concen: 0.041 ppbv
RT: 14.953 min Scan# 3841
Delta R.T. 0.006 min
Lab File: VL040165.D
Acq: 13 Feb 2023 18:11

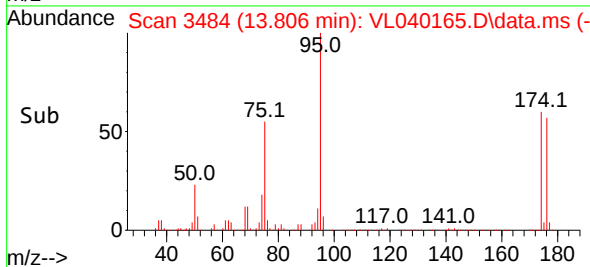
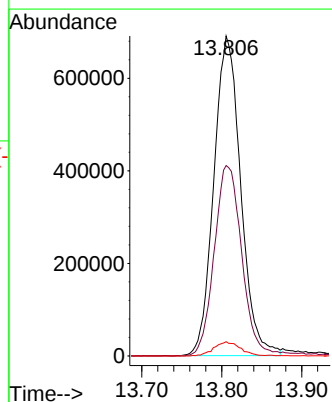
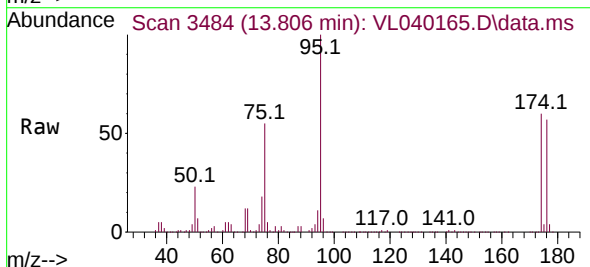
Instrument :
MSVOA_L
ClientSampleId :
SVP-01

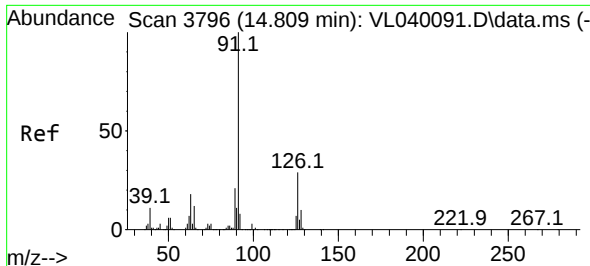
Tgt Ion:120 Resp: 3002
Ion Ratio Lower Upper
120 100
91 1724.1 397.0 595.4#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.048 ppbv
RT: 13.806 min Scan# 3484
Delta R.T. -0.000 min
Lab File: VL040165.D
Acq: 13 Feb 2023 18:11

Tgt Ion: 95 Resp: 1612130
Ion Ratio Lower Upper
95 100
174 61.9 47.7 71.5
175 4.5 3.4 5.2

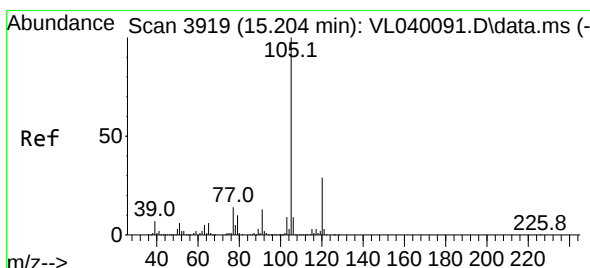
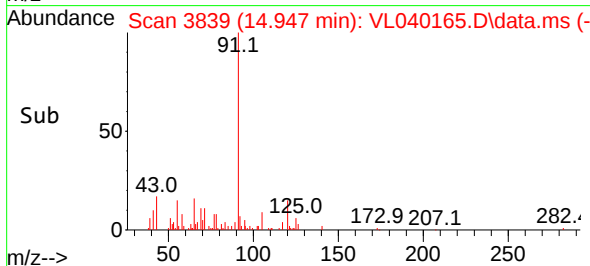
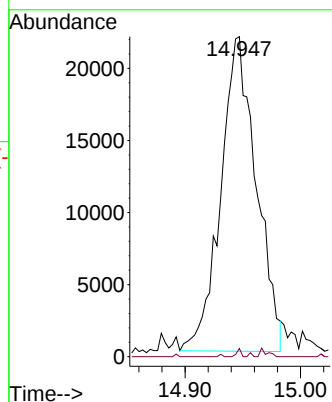
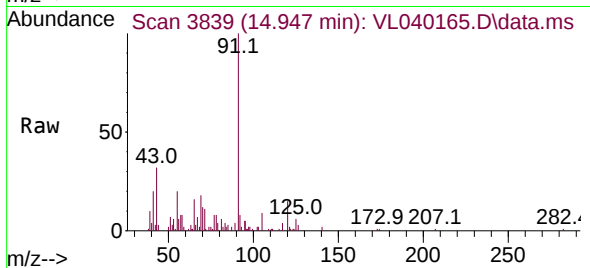




#71
2-Chlorotoluene
Concen: 0.207 ppbv
RT: 14.947 min Scan# 31
Delta R.T. 0.116 min
Lab File: VL040165.D
Acq: 13 Feb 2023 18:11

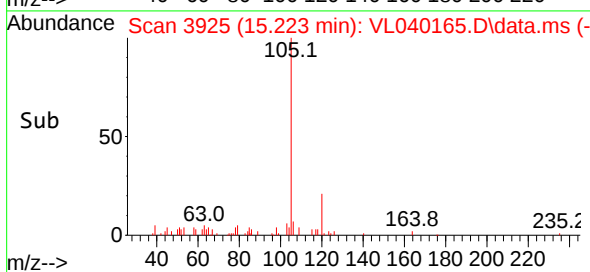
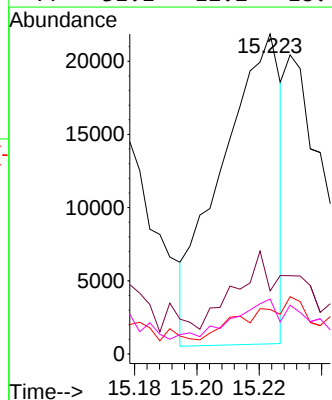
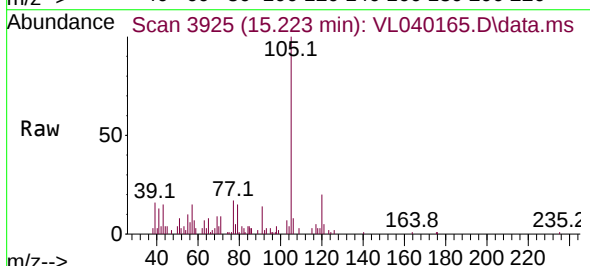
Instrument :
MSVOA_L
ClientSampleId :
SVP-01

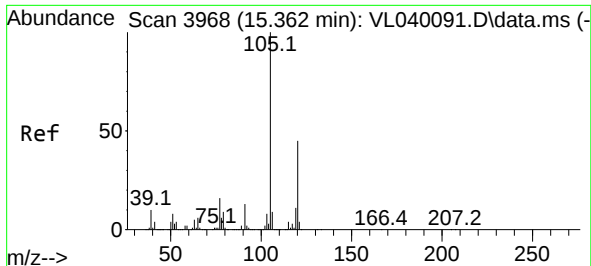
Tgt Ion: 91 Resp: 46718
Ion Ratio Lower Upper
91 100
126 1.0 11.9 47.5#



#72
4-Ethyltoluene
Concen: 0.123 ppbv
RT: 15.223 min Scan# 3925
Delta R.T. -0.000 min
Lab File: VL040165.D
Acq: 13 Feb 2023 18:11

Tgt Ion:105 Resp: 27859
Ion Ratio Lower Upper
105 100
120 55.2 23.1 34.7#
91 0.0 11.2 16.8#
77 31.1 12.2 18.4#

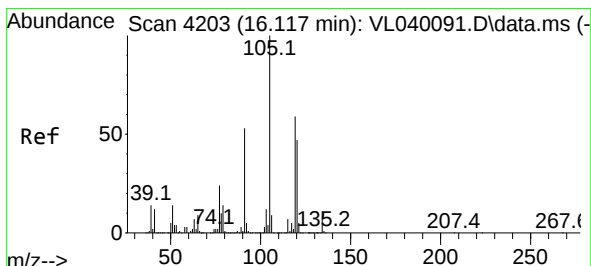
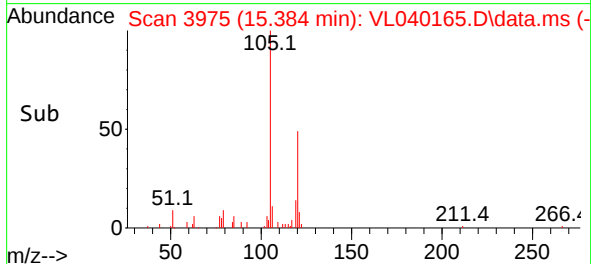
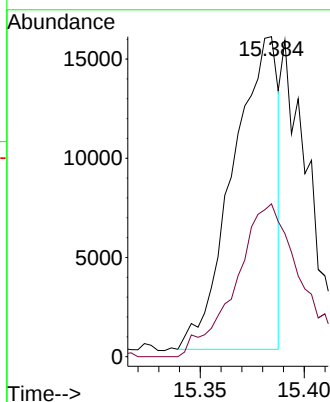
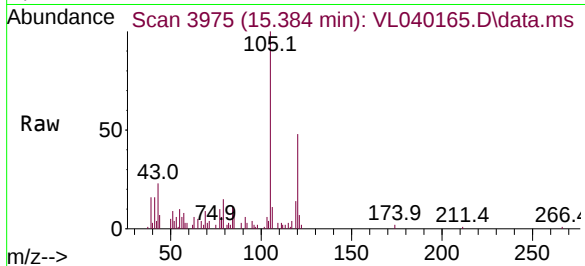




#73
1,3,5-Trimethylbenzene
Concen: 0.117 ppbv
RT: 15.384 min Scan# 3968
Delta R.T. -0.000 min
Lab File: VL040165.D
Acq: 13 Feb 2023 18:11

Instrument :
MSVOA_L
ClientSampleId :
SVP-01

Tgt Ion:105 Resp: 23770
Ion Ratio Lower Upper
105 100
120 48.9 36.2 54.4



#74
1,2,4-Trimethylbenzene
Concen: 0.624 ppbv
RT: 16.137 min Scan# 4209
Delta R.T. -0.003 min
Lab File: VL040165.D
Acq: 13 Feb 2023 18:11

Tgt Ion:105 Resp: 140963
Ion Ratio Lower Upper
105 100
120 41.7 38.0 57.0
91 14.8 42.1 63.1#
77 12.0 19.3 28.9#

