

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021323\
 Data File : VL040164.D
 Acq On : 13 Feb 2023 17:31
 Operator : SY/MD
 Sample : 01530-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-06

Quant Time: Feb 14 01:47:37 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	834376	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2166716	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.497	117	1926444	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.806	95	1575318	9.839	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.735	85	62003	0.424	ppbv	98
3) Chlorodifluoromethane	2.678	51	60742	0.607	ppbv #	83
4) Chloromethane	2.816	50	14081	0.228	ppbv #	85
7) Chloroethane	3.202	64	1522	0.076	ppbv #	71
9) Propene	2.700	41	1091631	26.254	ppbv	84
10) Heptane	7.607	43	442129	4.614	ppbv	97
11) Trichlorofluoromethane	3.571	101	47716	0.327	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.083	101	7330	0.067	ppbv	87
13) Ethanol	3.243	45	245635	64.183	ppbv	98
15) Acetone	3.475	43	1033132	10.324	ppbv #	58
16) 1,3-Butadiene	2.973	39	337809	7.241	ppbv #	26
17) tert-Butyl alcohol	3.893	59	351569	3.773	ppbv	97
19) Isopropyl Alcohol	3.587	45	148896	3.041	ppbv #	1
20) Methylene Chloride	3.944	84	221664	5.021	ppbv	95
21) Allyl Chloride	3.964	41	32202	0.501	ppbv #	56
23) Vinyl Acetate	4.626	43	214369	6.609	ppbv #	1
25) Ethyl Acetate	5.234	43	624962	3.545	ppbv #	77
26) Hexane	5.230	57	910854	11.806	ppbv #	37
27) Carbon Disulfide	4.137	76	431889	4.321	ppbv	98
29) Chloroform	5.292	83	96305	0.781	ppbv	99
30) Cyclohexane	6.623	84	61260	0.999	ppbv #	1
34) 2-Butanone	4.803	43	298200	2.910	ppbv	93
36) Benzene	6.388	78	136061	0.849	ppbv	98
39) 1,2-Dichloropropane	6.674	63	536267	8.550	ppbv #	22
41) Tetrahydrofuran	5.835	42	37248	0.630	ppbv #	37
44) 2,2,4-Trimethylpentane	7.349	57	291867	1.095	ppbv #	72
50) 4-Methyl-2-Pentanone	8.217	43	10769	0.067	ppbv #	1
51) 2-Hexanone	9.584	43	136157	1.115	ppbv #	41
53) Toluene	9.250	91	681951	3.988	ppbv	99
58) Ethyl Benzene	12.124	91	164663	0.766	ppbv	93
59) m/p-Xylene	12.375	91	544133	2.815	ppbv	96
60) o-Xylene	13.089	91	221208	1.206	ppbv	99
64) n-propylbenzene	14.950	120	9211	0.140	ppbv #	1
65) tert-Butylbenzene	16.143	119	25503	0.113	ppbv #	57
66) Benzyl Chloride	16.372	91	613	0.040	ppbv #	65
71) 2-Chlorotoluene	15.143	91	7973	0.039	ppbv	73
72) 4-Ethyltoluene	15.227	105	82356	0.405	ppbv #	94
73) 1,3,5-Trimethylbenzene	15.388	105	26419	0.144	ppbv	90
74) 1,2,4-Trimethylbenzene	16.140	105	255293	1.257	ppbv #	67
79) Naphthalene	21.423	128	5330	0.046	ppbv #	92
80) Naphthalene,2-methyl-	24.426	142	1371	0.035	ppbv #	77

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ALS Vial : 1 Sample Multiplier: 1

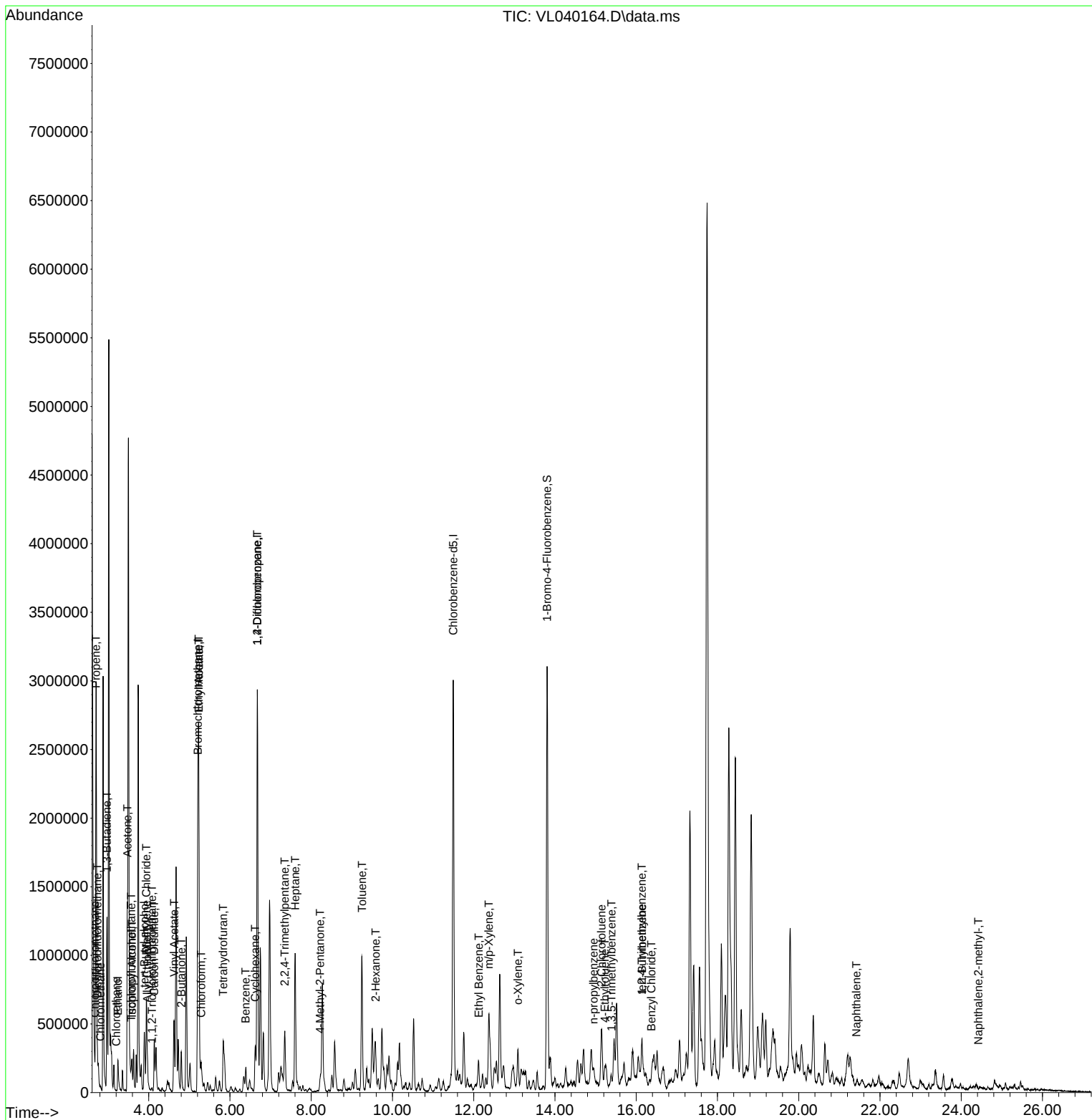
Instrument :
MSVOA_L
ClientSampleId :
SVP-06

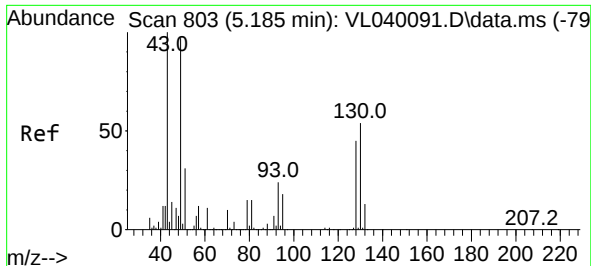
Quant Time: Feb 14 01:47:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Tue Feb 14 01:41:11 2023
Response via : Initial Calibration

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

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

Quant Time: Feb 14 01:47:37 2023
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
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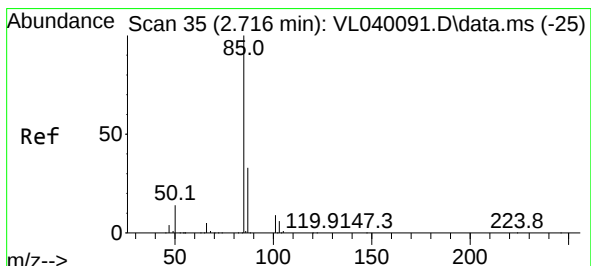
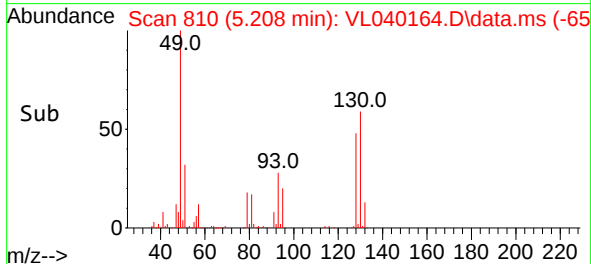
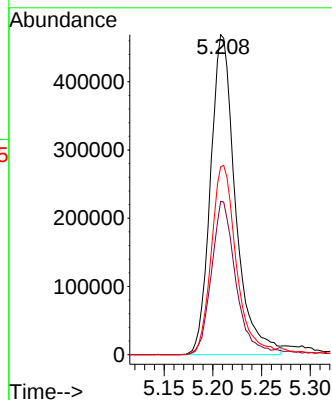
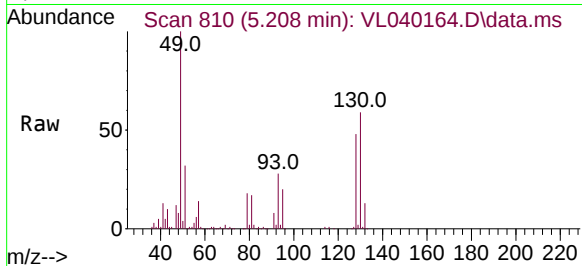




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL040164.D
Acq: 13 Feb 2023 17:31

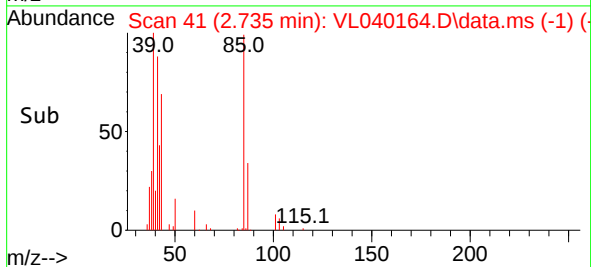
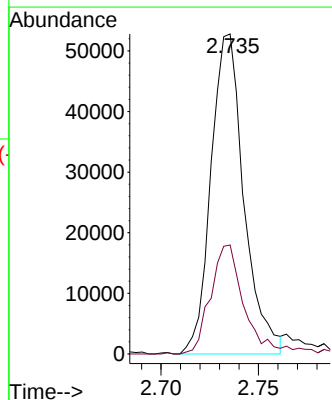
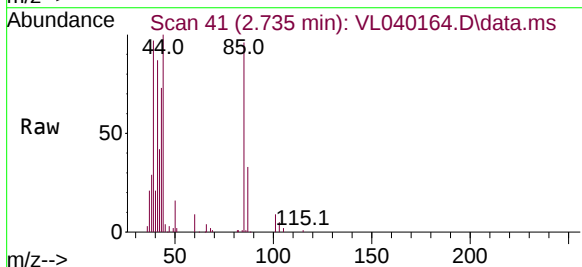
Instrument :
MSVOA_L
ClientSampleId :
SVP-06

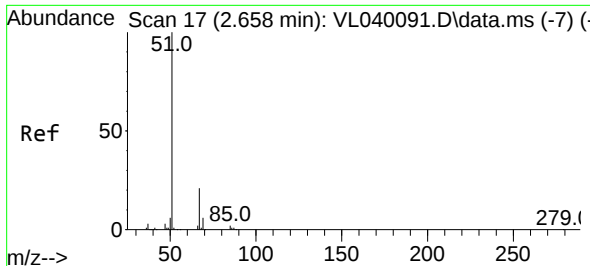
Tgt Ion: 49 Resp: 834376
Ion Ratio Lower Upper
49 100
128 48.8 23.6 71.0
130 61.8 29.8 89.3



#2
Dichlorodifluoromethane
Concen: 0.424 ppbv
RT: 2.735 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL040164.D
Acq: 13 Feb 2023 17:31

Tgt Ion: 85 Resp: 62003
Ion Ratio Lower Upper
85 100
87 34.1 26.5 39.7

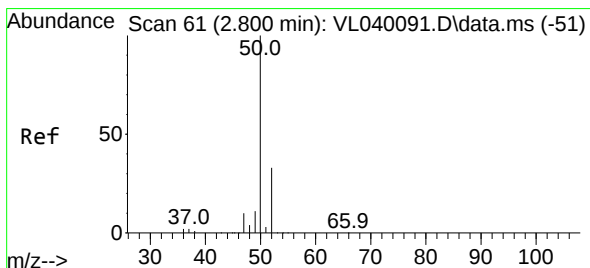
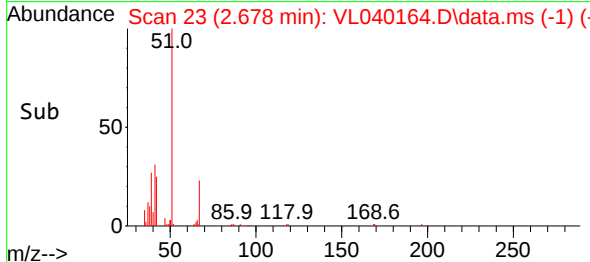
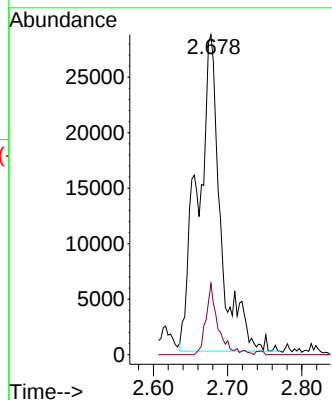
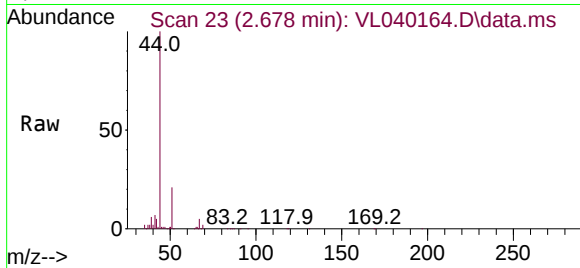




#3
Chlorodifluoromethane
Concen: 0.607 ppbv
RT: 2.678 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040164.D
Acq: 13 Feb 2023 17:31

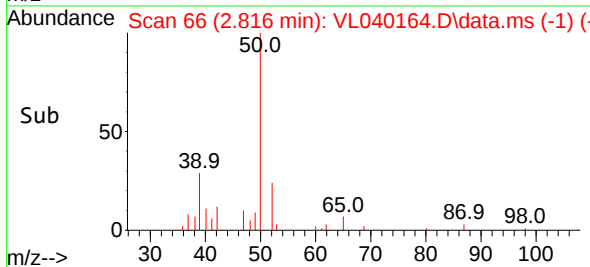
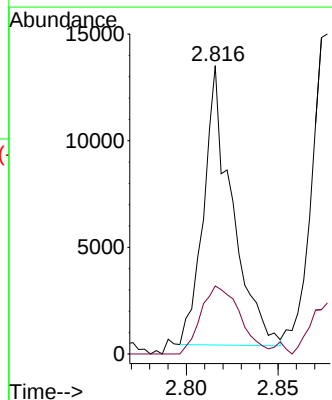
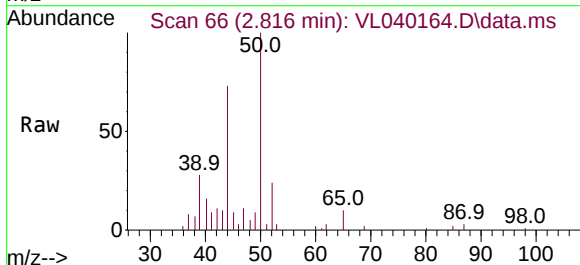
Instrument :
MSVOA_L
ClientSampleId :
SVP-06

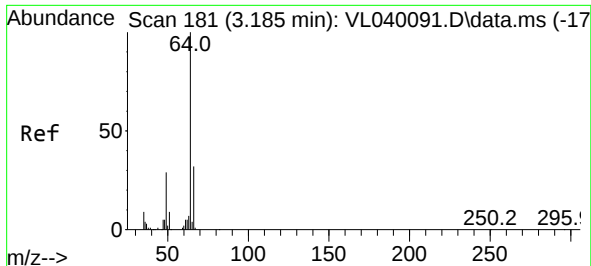
Tgt Ion: 51 Resp: 60742
Ion Ratio Lower Upper
51 100
67 12.4 16.4 24.6#



#4
Chloromethane
Concen: 0.228 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.003 min
Lab File: VL040164.D
Acq: 13 Feb 2023 17:31

Tgt Ion: 50 Resp: 14081
Ion Ratio Lower Upper
50 100
52 24.4 26.5 39.7#

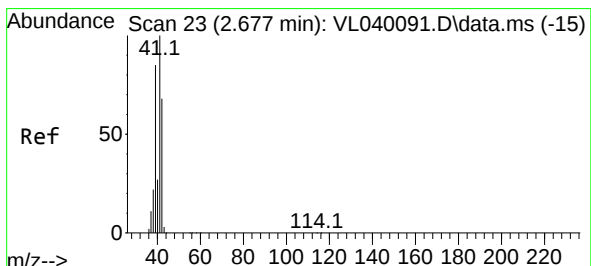
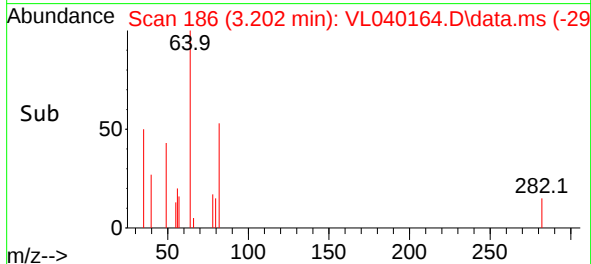
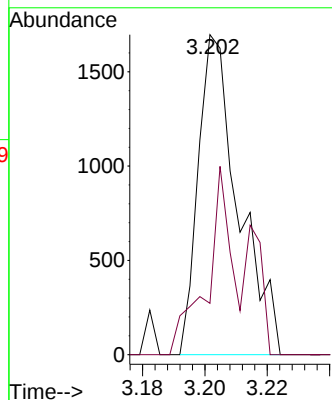
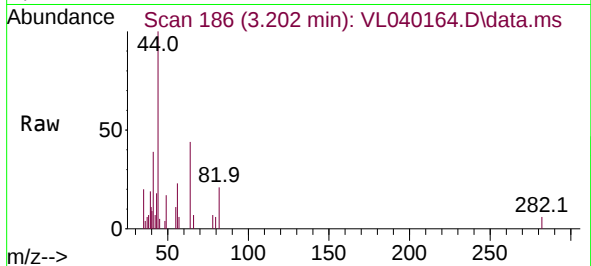




#7
Chloroethane
Concen: 0.076 ppbv
RT: 3.202 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040164.D
Acq: 13 Feb 2023 17:31

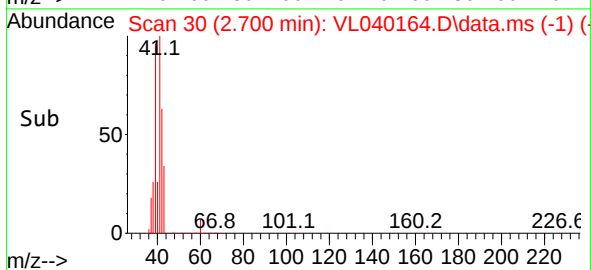
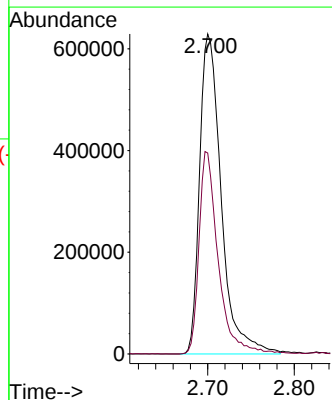
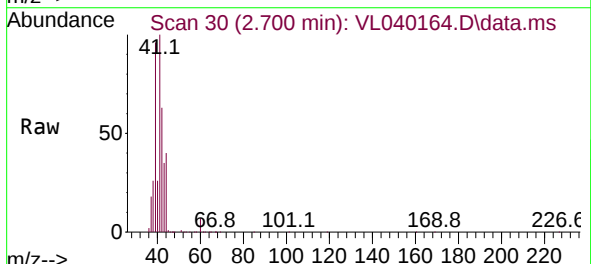
Instrument :
MSVOA_L
ClientSampleId :
SVP-06

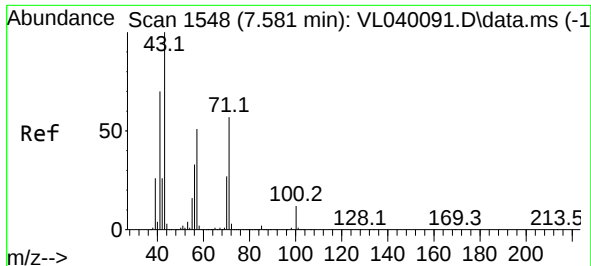
Tgt Ion: 64 Resp: 1522
Ion Ratio Lower Upper
64 100
66 16.0 25.6 38.4#



#9
Propene
Concen: 26.254 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.007 min
Lab File: VL040164.D
Acq: 13 Feb 2023 17:31

Tgt Ion: 41 Resp: 1091631
Ion Ratio Lower Upper
41 100
42 56.3 55.6 83.4





#10

Heptane

Concen: 4.614 ppbv

RT: 7.607 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040164.D

Acq: 13 Feb 2023 17:31

Instrument :

MSVOA_L

ClientSampleId :

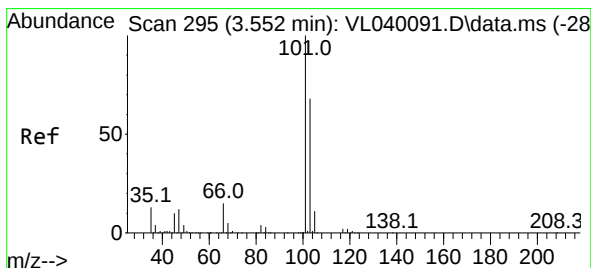
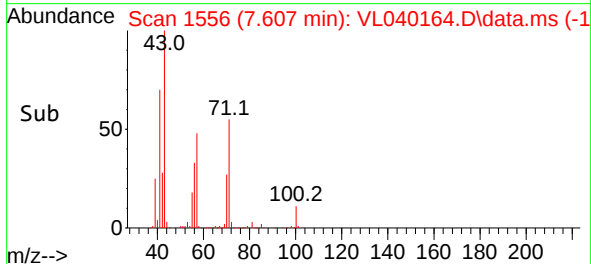
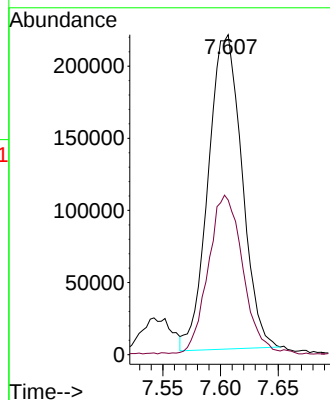
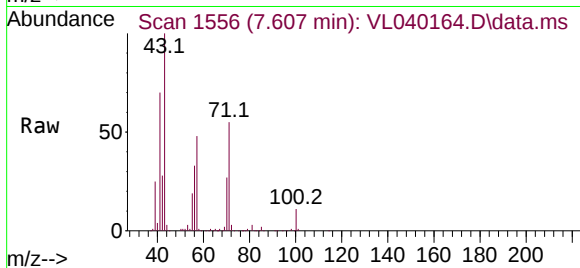
SVP-06

Tgt Ion: 43 Resp: 442129

Ion Ratio Lower Upper

43 100

57 52.9 40.9 61.3



#11

Trichlorofluoromethane

Concen: 0.327 ppbv

RT: 3.571 min Scan# 301

Delta R.T. 0.003 min

Lab File: VL040164.D

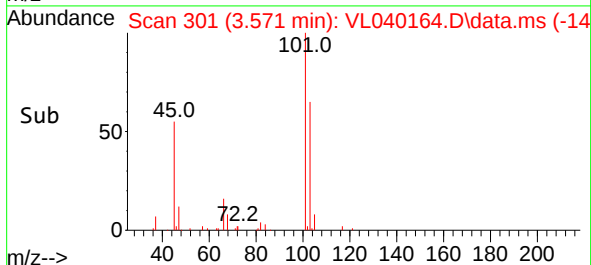
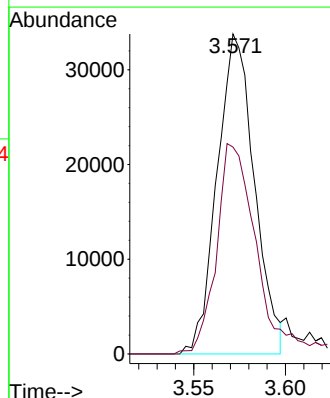
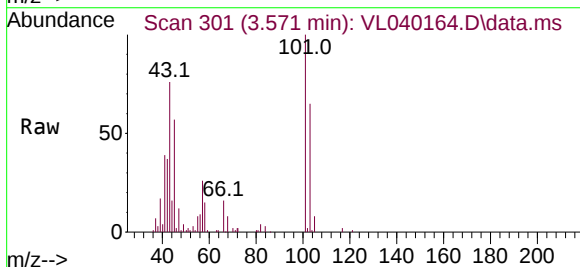
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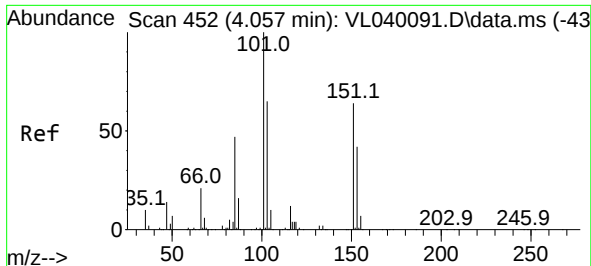
Tgt Ion:101 Resp: 47716

Ion Ratio Lower Upper

101 100

103 63.7 54.0 81.0

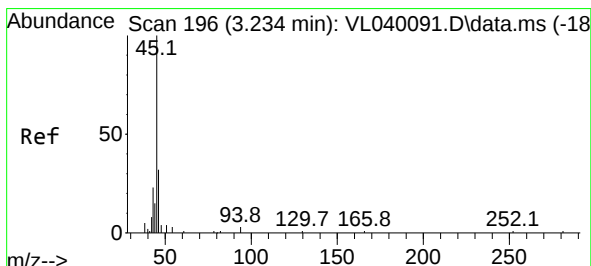
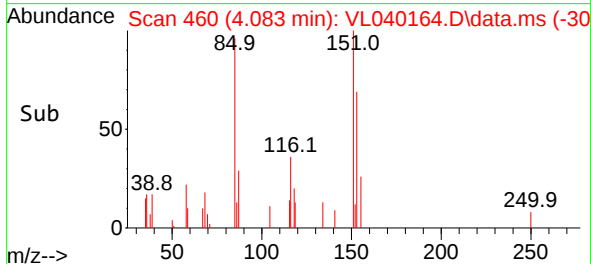
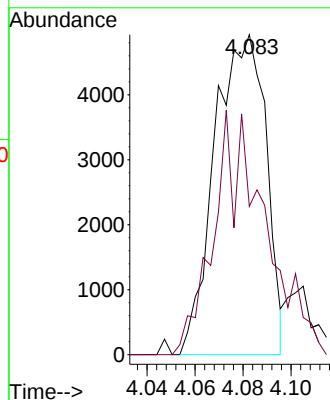
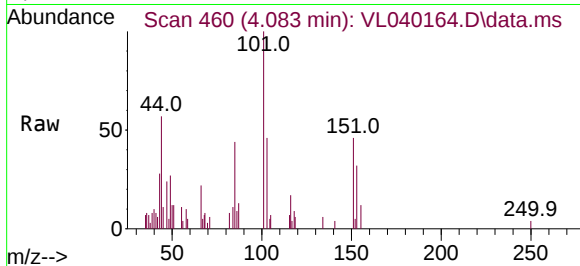




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.067 ppbv
RT: 4.083 min Scan# 401
Delta R.T. 0.010 min
Lab File: VL040164.D
Acq: 13 Feb 2023 17:31

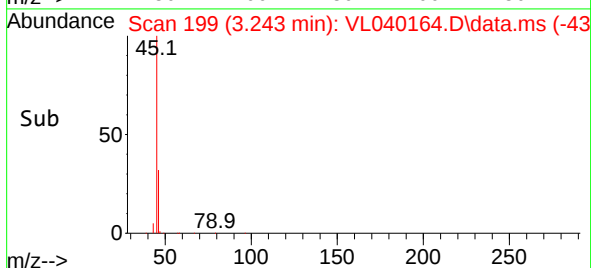
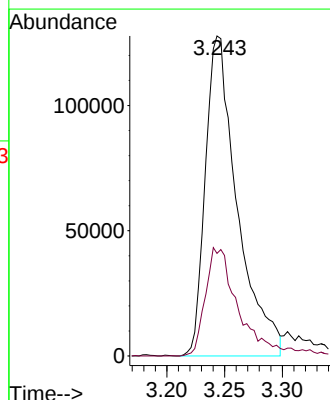
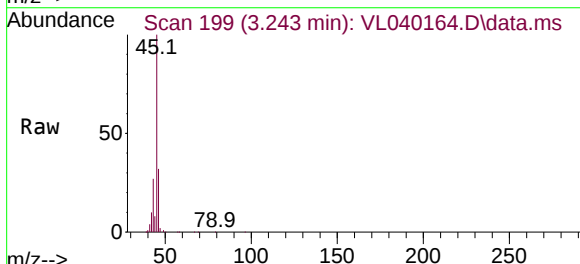
Instrument :
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SVP-06

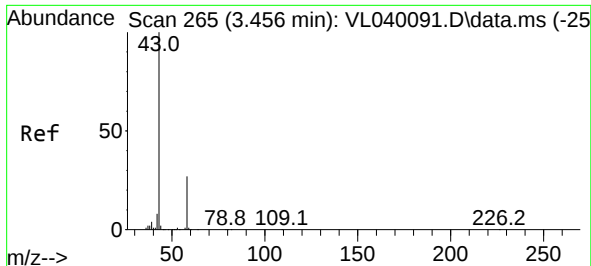
Tgt Ion:101 Resp: 7330
Ion Ratio Lower Upper
101 100
151 76.5 53.2 79.8



#13
Ethanol
Concen: 64.183 ppbv
RT: 3.243 min Scan# 199
Delta R.T. 0.000 min
Lab File: VL040164.D
Acq: 13 Feb 2023 17:31

Tgt Ion: 45 Resp: 245635
Ion Ratio Lower Upper
45 100
46 36.1 14.8 59.2





#15

Acetone

Concen: 10.324 ppbv

RT: 3.475 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040164.D

Acq: 13 Feb 2023 17:31

Instrument :

MSVOA_L

ClientSampleId :

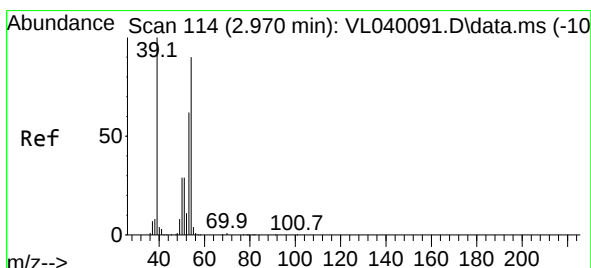
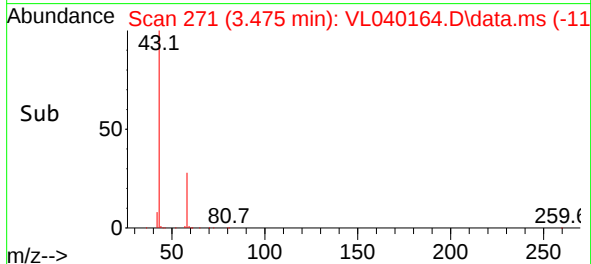
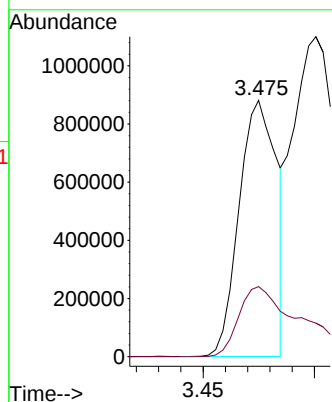
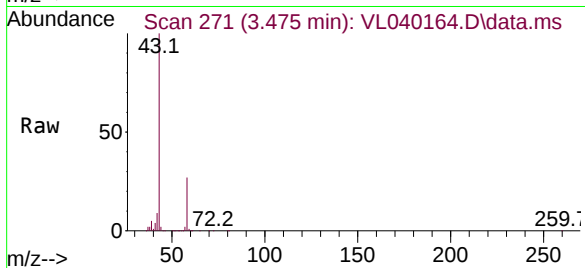
SVP-06

Tgt Ion: 43 Resp: 1033132

Ion Ratio Lower Upper

43 100

58 49.1 21.8 32.8#



#16

1,3-Butadiene

Concen: 7.241 ppbv

RT: 2.973 min Scan# 115

Delta R.T. -0.013 min

Lab File: VL040164.D

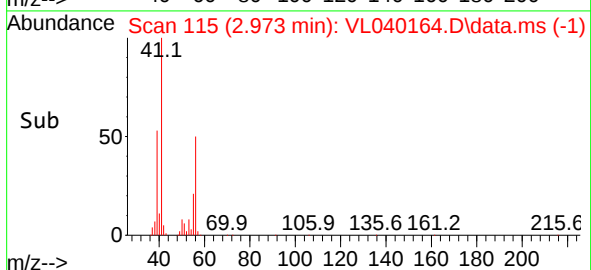
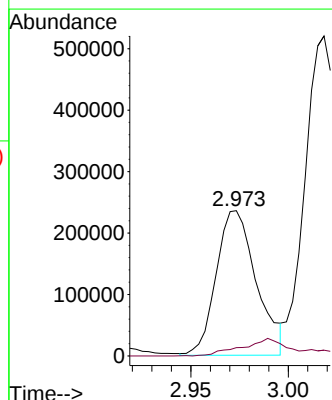
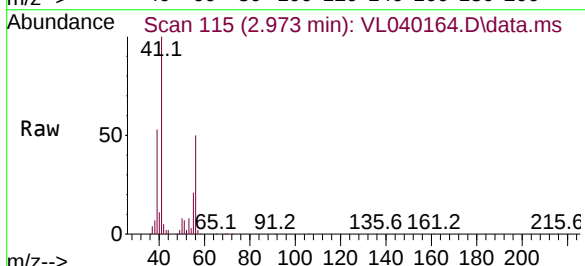
Acq: 13 Feb 2023 17:31

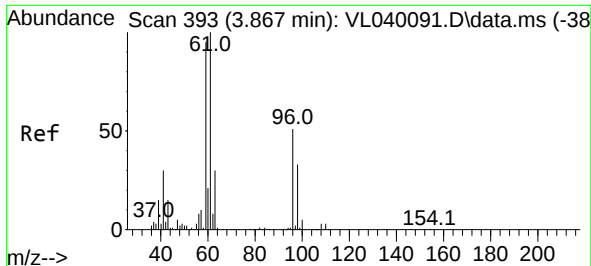
Tgt Ion: 39 Resp: 337809

Ion Ratio Lower Upper

39 100

54 17.1 67.9 101.9#





#17

tert-Butyl alcohol

Concen: 3.773 ppbv

RT: 3.893 min Scan# 401

Delta R.T. 0.010 min

Lab File: VL040164.D

Acq: 13 Feb 2023 17:31

Instrument :

MSVOA_L

ClientSampleId :

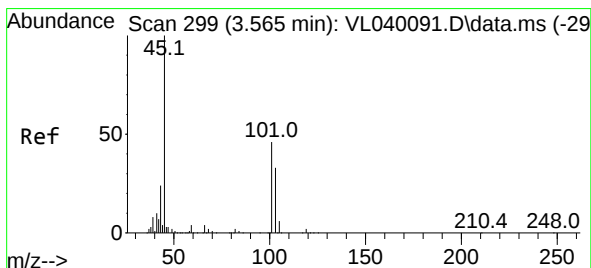
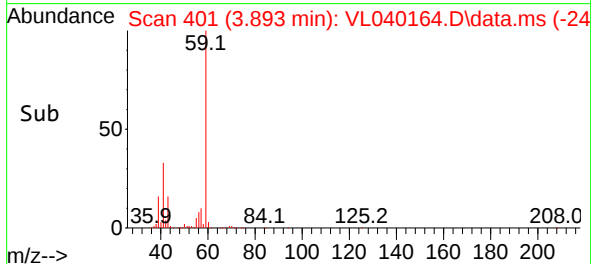
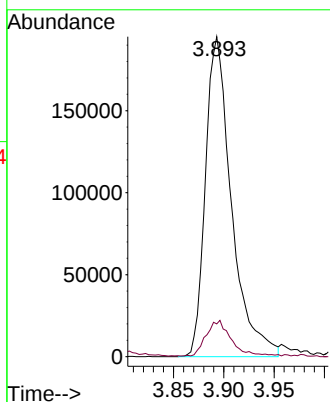
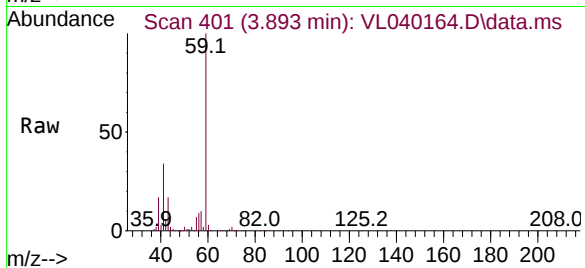
SVP-06

Tgt Ion: 59 Resp: 351569

Ion Ratio Lower Upper

59 100

57 11.9 8.5 12.7



#19

Isopropyl Alcohol

Concen: 3.041 ppbv

RT: 3.587 min Scan# 306

Delta R.T. 0.010 min

Lab File: VL040164.D

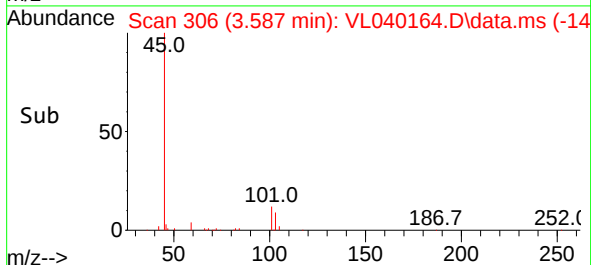
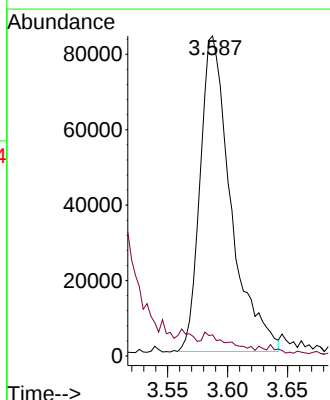
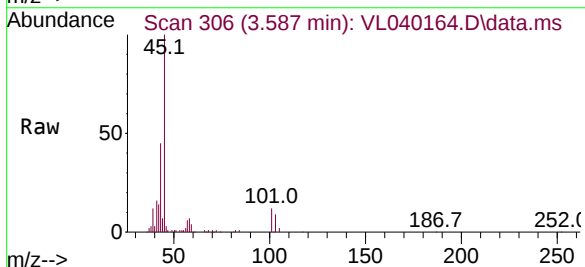
Acq: 13 Feb 2023 17:31

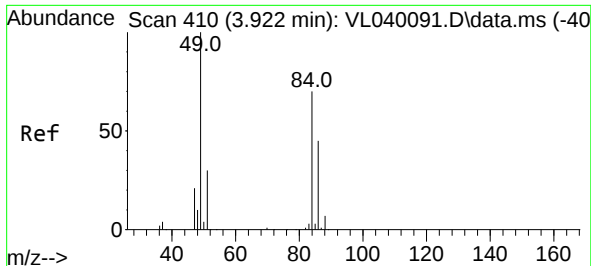
Tgt Ion: 45 Resp: 148896

Ion Ratio Lower Upper

45 100

58 340.6 2.6 4.0#





#20

Methylene Chloride

Concen: 5.021 ppbv

RT: 3.944 min Scan# 417

Delta R.T. 0.003 min

Lab File: VL040164.D

Acq: 13 Feb 2023 17:31

Instrument :

MSVOA_L

ClientSampleId :

SVP-06

Tgt Ion: 84 Resp: 221664

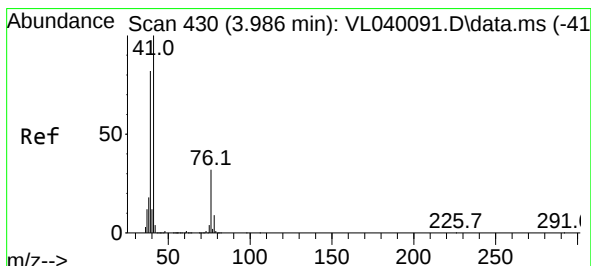
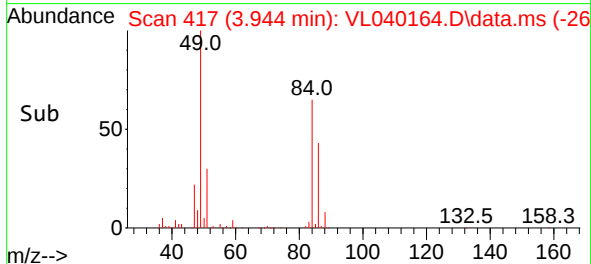
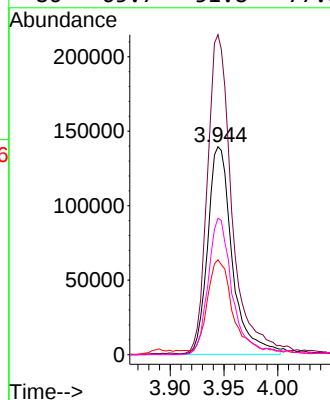
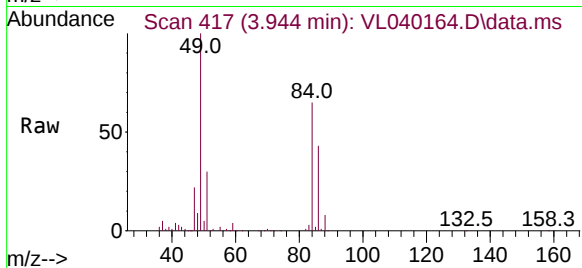
Ion Ratio Lower Upper

84 100

49 153.7 114.6 171.8

51 43.7 34.3 51.5

86 65.7 51.8 77.8



#21

Allyl Chloride

Concen: 0.501 ppbv

RT: 3.964 min Scan# 423

Delta R.T. -0.042 min

Lab File: VL040164.D

Acq: 13 Feb 2023 17:31

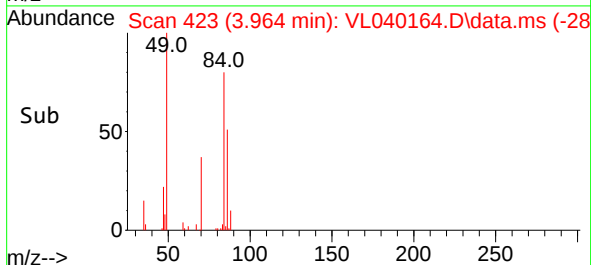
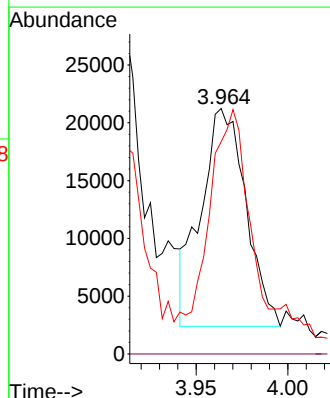
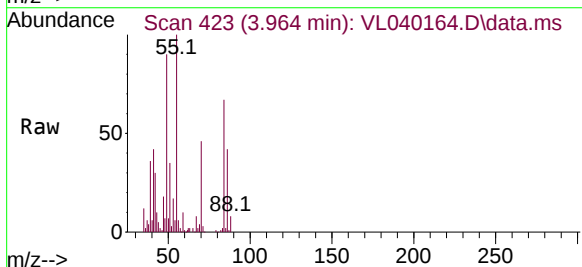
Tgt Ion: 41 Resp: 32202

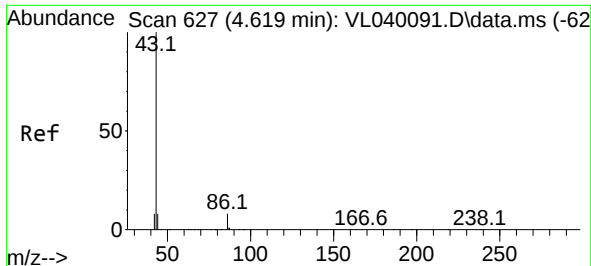
Ion Ratio Lower Upper

41 100

76 0.0 25.9 38.9#

39 118.9 66.8 100.2#

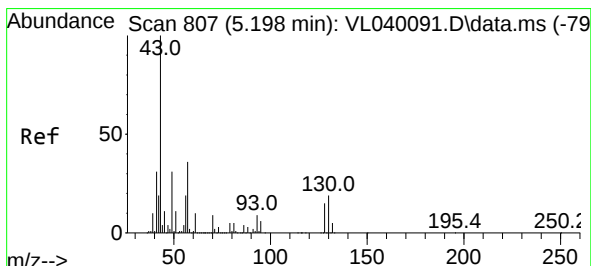
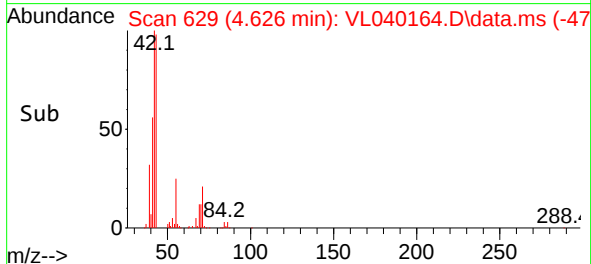
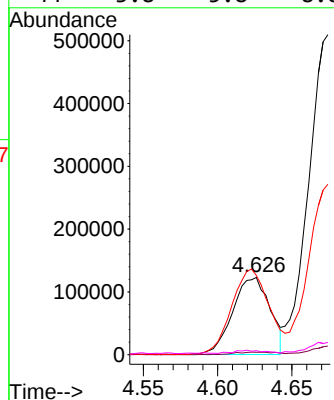
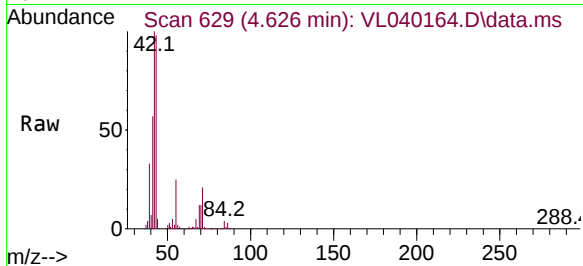




#23
 Vinyl Acetate
 Concen: 6.609 ppbv
 RT: 4.626 min Scan# 61
 Delta R.T. -0.009 min
 Lab File: VL040164.D
 Acq: 13 Feb 2023 17:31

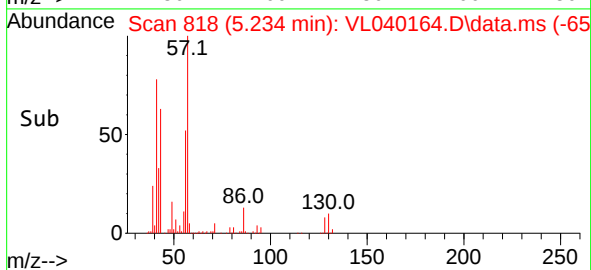
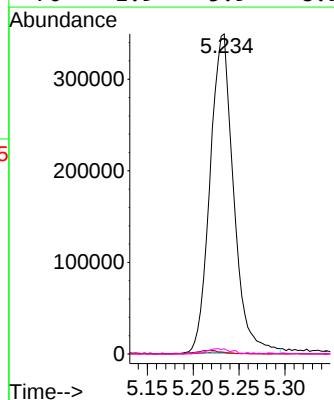
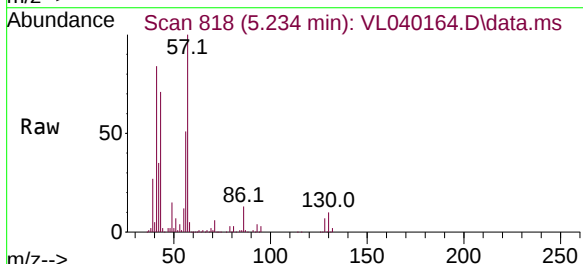
Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-06

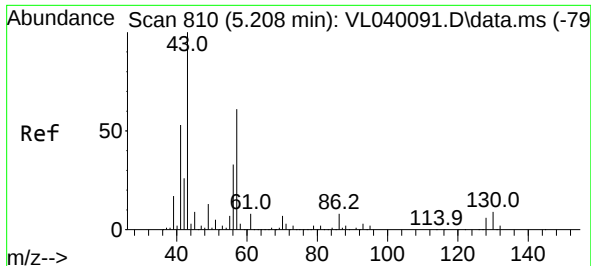
Tgt Ion: 43 Resp: 214369
 Ion Ratio Lower Upper
 43 100
 86 3.2 5.6 8.4#
 42 103.8 7.7 11.5#
 44 3.8 5.8 8.8#



#25
 Ethyl Acetate
 Concen: 3.545 ppbv
 RT: 5.234 min Scan# 818
 Delta R.T. 0.016 min
 Lab File: VL040164.D
 Acq: 13 Feb 2023 17:31

Tgt Ion: 43 Resp: 624962
 Ion Ratio Lower Upper
 43 100
 45 1.4 8.5 12.7#
 61 0.7 8.4 12.6#
 70 1.9 5.9 8.9#

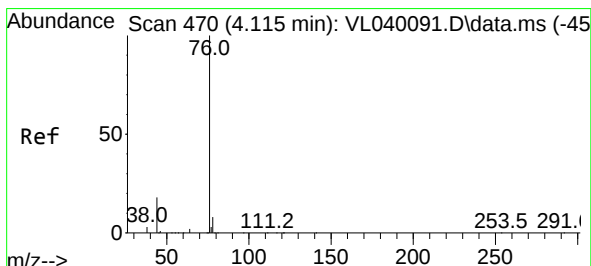
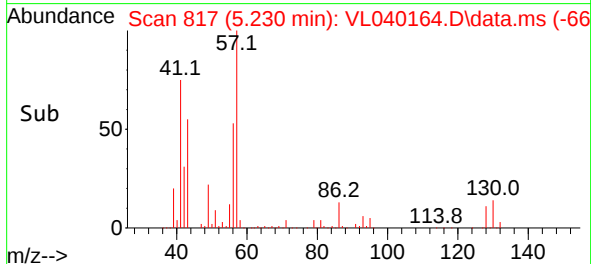
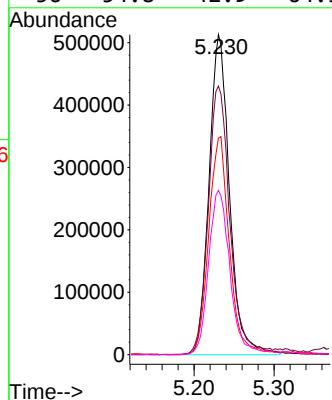
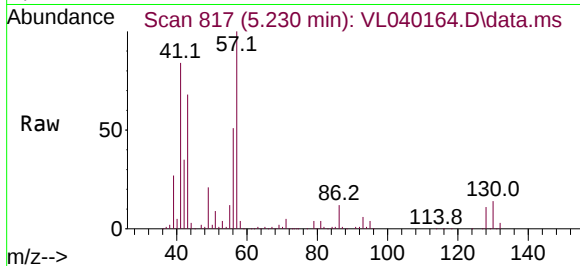




#26
Hexane
Concen: 11.806 ppbv
RT: 5.230 min Scan# 810
Delta R.T. 0.003 min
Lab File: VL040164.D
Acq: 13 Feb 2023 17:31

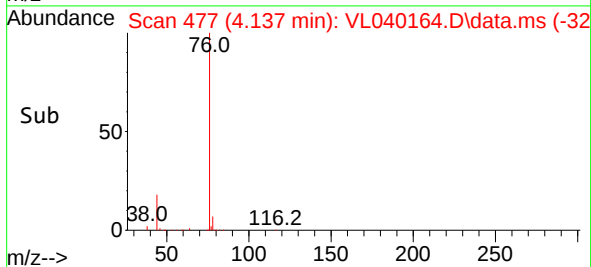
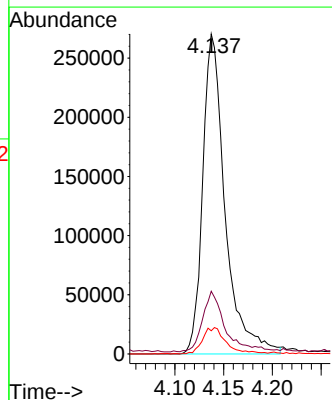
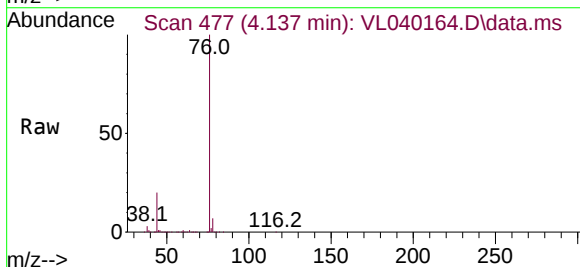
Instrument :
MSVOA_L
ClientSampleId :
SVP-06

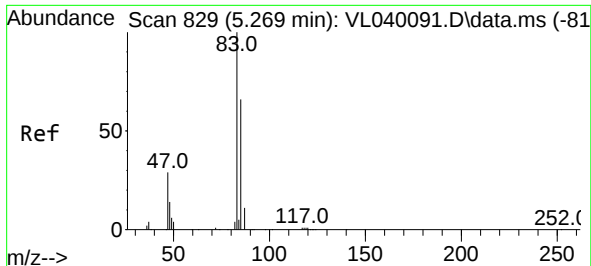
Tgt Ion:	57	Resp:	910854
Ion	Ratio	Lower	Upper
57	100		
41	91.4	72.2	108.4
43	70.5	192.1	288.1#
56	54.8	42.9	64.3



#27
Carbon Disulfide
Concen: 4.321 ppbv
RT: 4.137 min Scan# 477
Delta R.T. 0.003 min
Lab File: VL040164.D
Acq: 13 Feb 2023 17:31

Tgt Ion:	76	Resp:	431889
Ion	Ratio	Lower	Upper
76	100		
44	19.8	14.9	22.3
78	9.4	8.2	12.2





#29

Chloroform

Concen: 0.781 ppbv

RT: 5.292 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL040164.D

Acq: 13 Feb 2023 17:31

Instrument :

MSVOA_L

ClientSampleId :

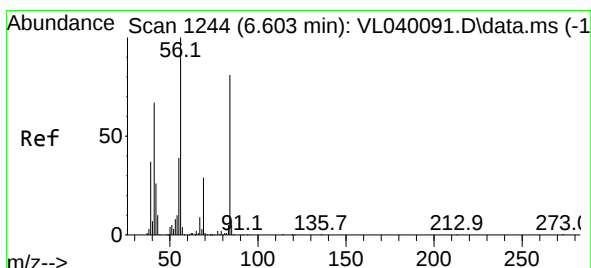
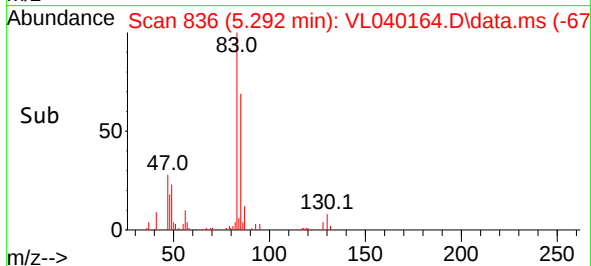
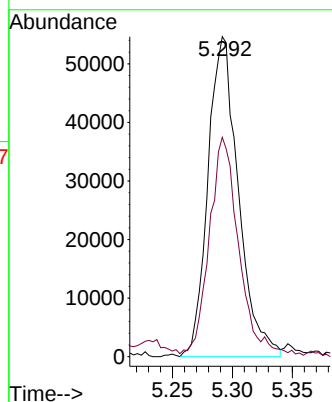
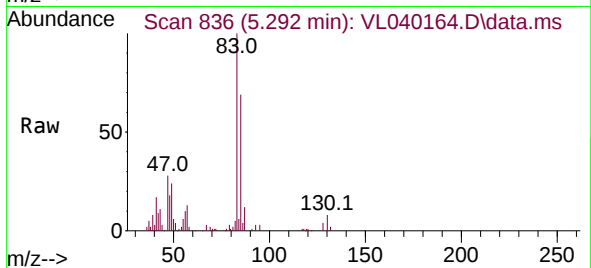
SVP-06

Tgt Ion: 83 Resp: 96305

Ion Ratio Lower Upper

83 100

85 67.6 53.1 79.7



#30

Cyclohexane

Concen: 0.999 ppbv

RT: 6.623 min Scan# 1250

Delta R.T. 0.003 min

Lab File: VL040164.D

Acq: 13 Feb 2023 17:31

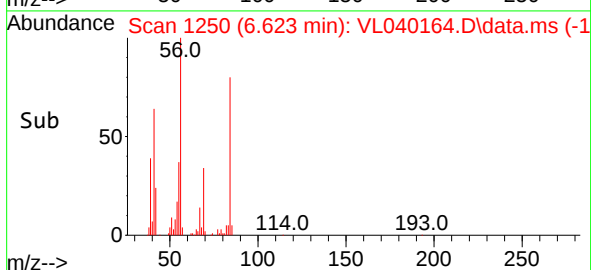
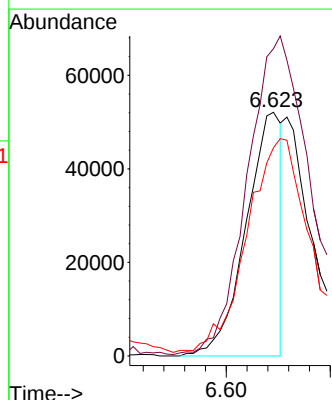
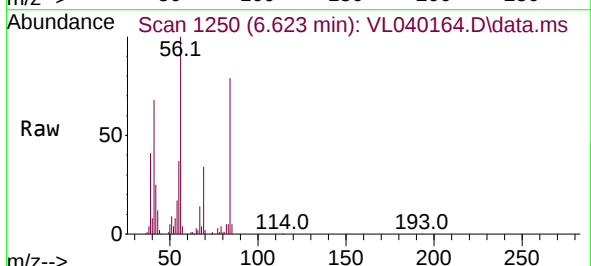
Tgt Ion: 84 Resp: 61260

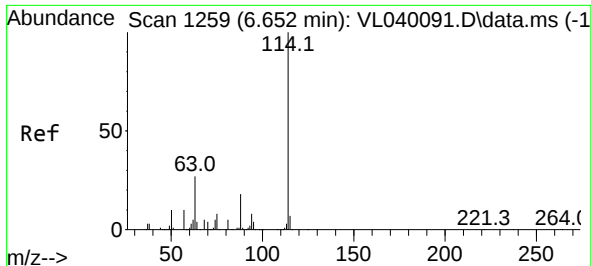
Ion Ratio Lower Upper

84 100

56 0.0 111.5 167.3#

41 0.0 71.4 107.0#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.674 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040164.D

Acq: 13 Feb 2023 17:31

Instrument :

MSVOA_L

ClientSampleId :

SVP-06

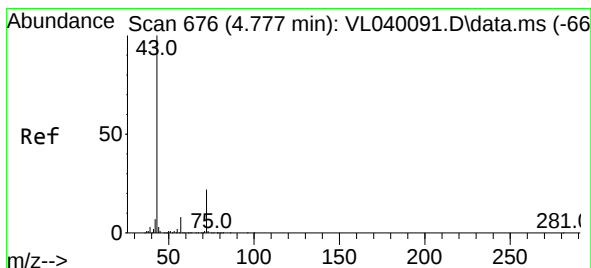
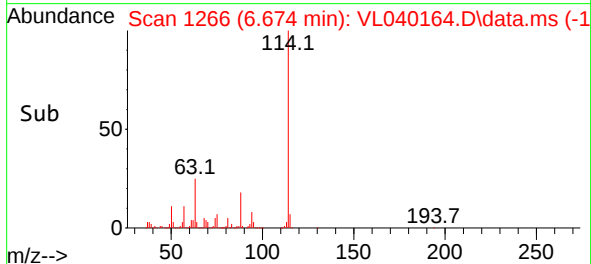
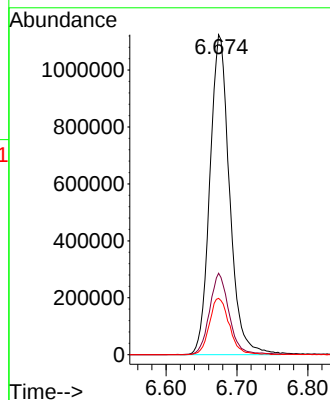
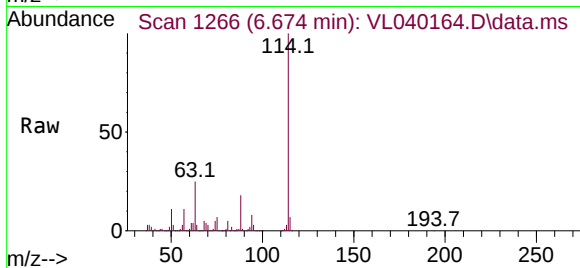
Tgt Ion:114 Resp: 2166716

Ion Ratio Lower Upper

114 100

63 25.7 21.8 32.8

88 18.0 14.8 22.2



#34

2-Butanone

Concen: 2.910 ppbv

RT: 4.803 min Scan# 684

Delta R.T. 0.007 min

Lab File: VL040164.D

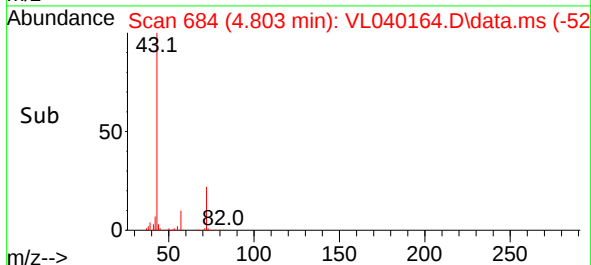
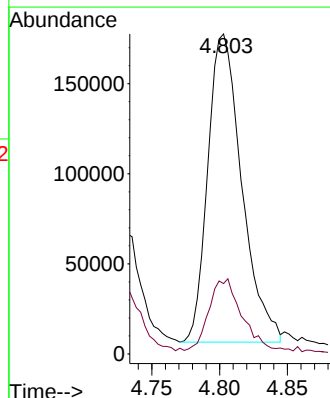
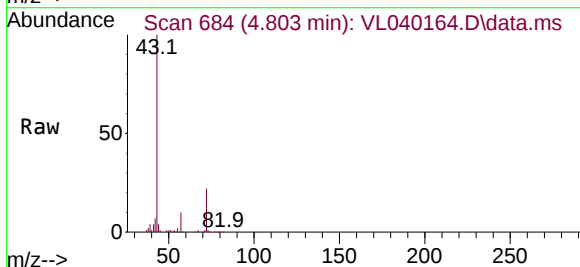
Acq: 13 Feb 2023 17:31

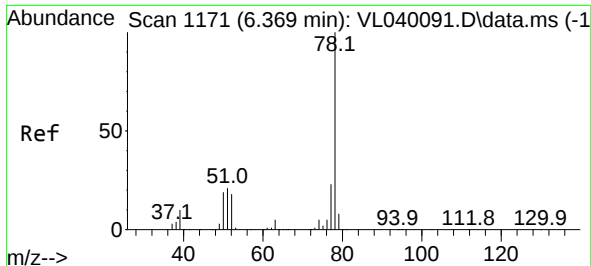
Tgt Ion: 43 Resp: 298200

Ion Ratio Lower Upper

43 100

72 26.2 18.4 27.6

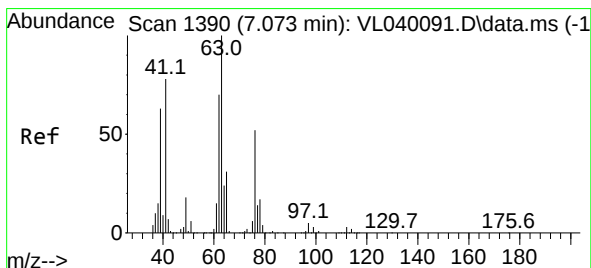
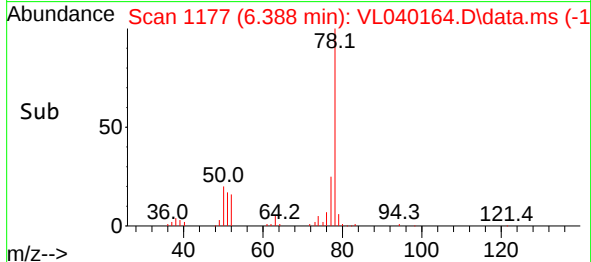
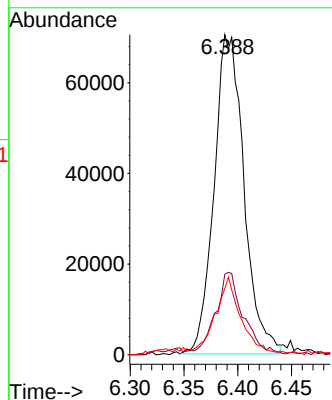
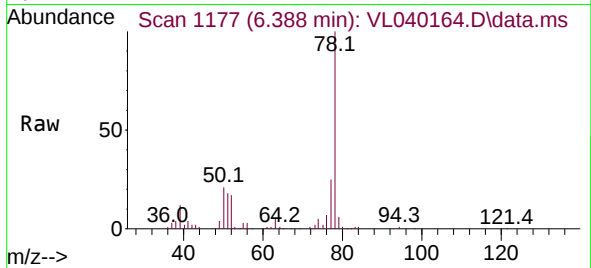




#36
Benzene
Concen: 0.849 ppbv
RT: 6.388 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VL040164.D
Acq: 13 Feb 2023 17:31

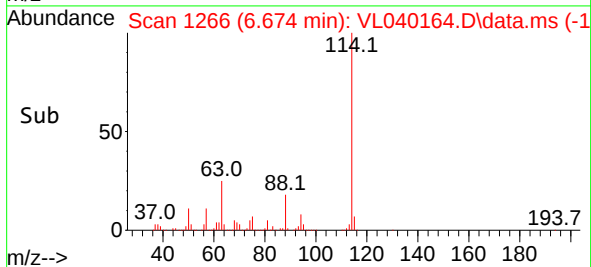
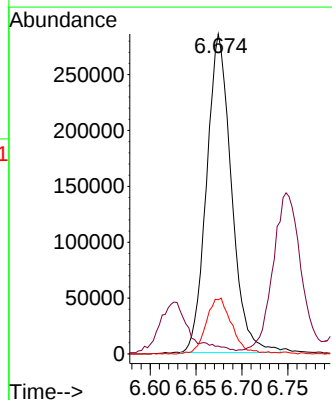
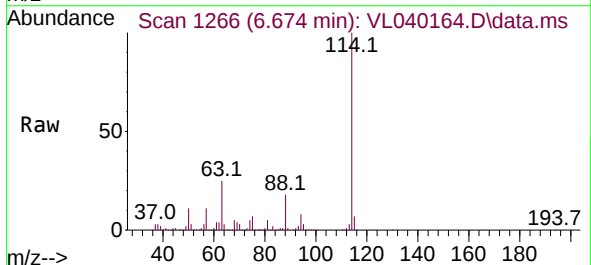
Instrument :
MSVOA_L
ClientSampleId :
SVP-06

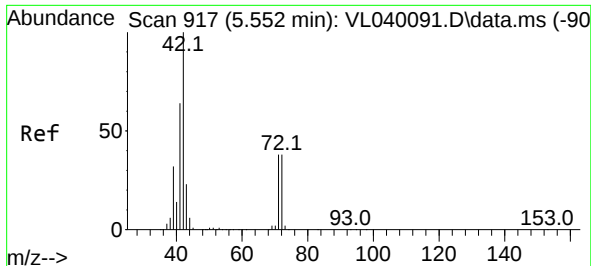
Tgt Ion: 78 Resp: 136061
Ion Ratio Lower Upper
78 100
77 24.5 18.1 27.1
50 19.6 15.6 23.4



#39
1,2-Dichloropropane
Concen: 8.550 ppbv
RT: 6.674 min Scan# 1266
Delta R.T. -0.421 min
Lab File: VL040164.D
Acq: 13 Feb 2023 17:31

Tgt Ion: 63 Resp: 536267
Ion Ratio Lower Upper
63 100
41 0.0 62.2 93.4#
62 16.8 55.8 83.8#

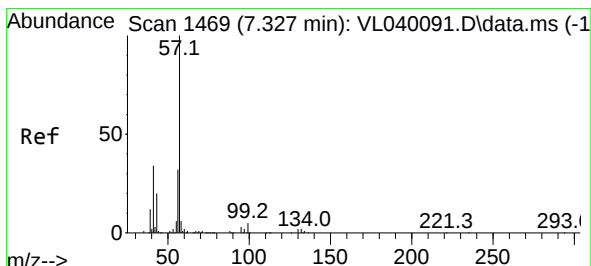
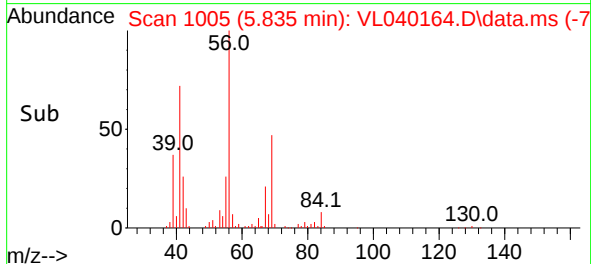
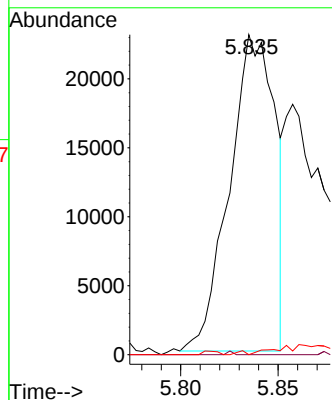
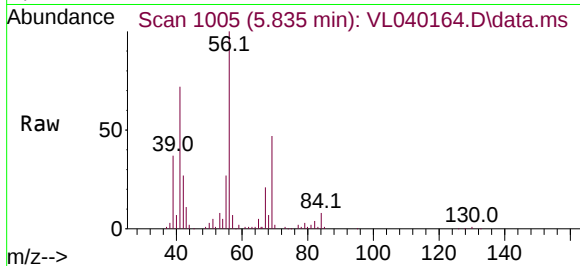




#41
Tetrahydrofuran
Concen: 0.630 ppbv
RT: 5.835 min Scan# 1005
Delta R.T. 0.261 min
Lab File: VL040164.D
Acq: 13 Feb 2023 17:31

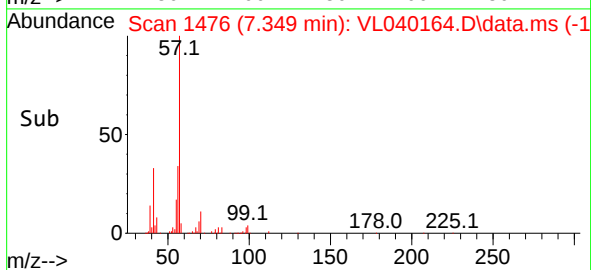
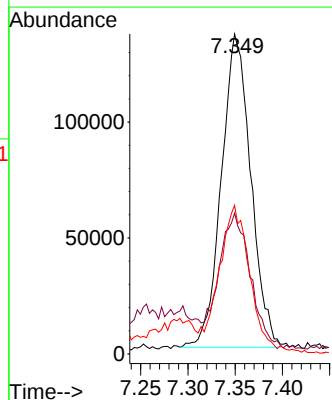
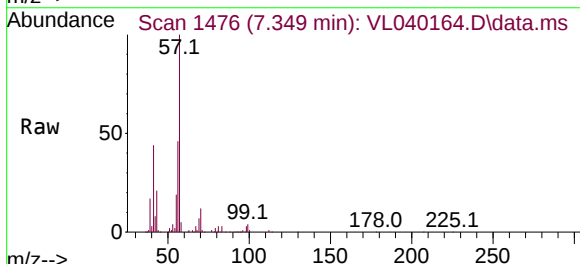
Instrument :
MSVOA_L
ClientSampleId :
SVP-06

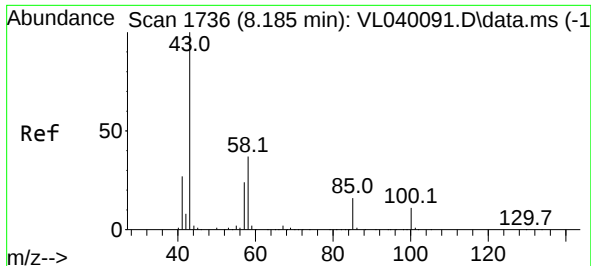
Tgt Ion: 42 Resp: 37248
Ion Ratio Lower Upper
42 100
72 1.1 31.9 47.9#
71 0.0 31.4 47.2#



#44
2,2,4-Trimethylpentane
Concen: 1.095 ppbv
RT: 7.349 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VL040164.D
Acq: 13 Feb 2023 17:31

Tgt Ion: 57 Resp: 291867
Ion Ratio Lower Upper
57 100
41 47.6 27.1 40.7#
56 48.8 25.0 37.4#





#50

4-Methyl-2-Pentanone

Concen: 0.067 ppbv

RT: 8.217 min Scan# 1

Delta R.T. 0.013 min

Lab File: VL040164.D

Acq: 13 Feb 2023 17:31

Instrument :

MSVOA_L

ClientSampleId :

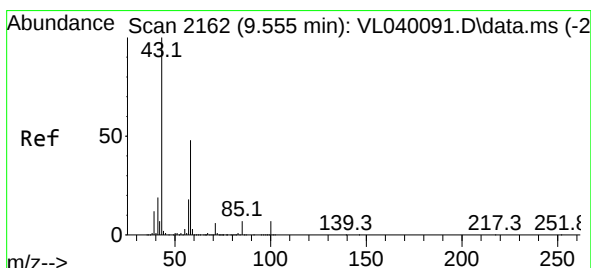
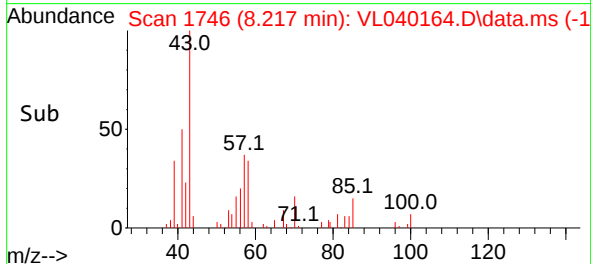
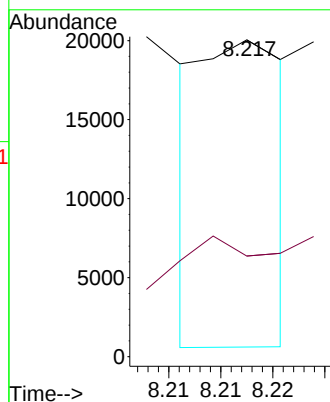
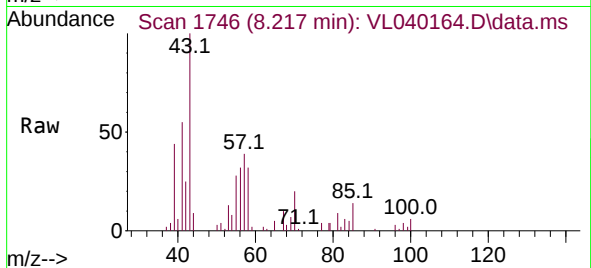
SVP-06

Tgt Ion: 43 Resp: 10769

Ion Ratio Lower Upper

43 100

58 178.2 28.8 43.2#



#51

2-Hexanone

Concen: 1.115 ppbv

RT: 9.584 min Scan# 2171

Delta R.T. 0.010 min

Lab File: VL040164.D

Acq: 13 Feb 2023 17:31

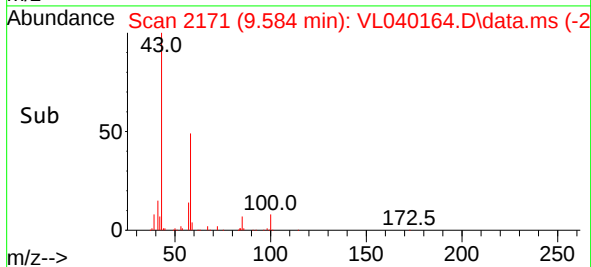
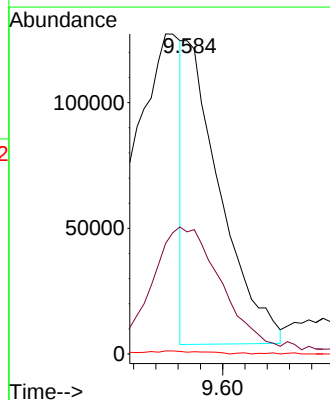
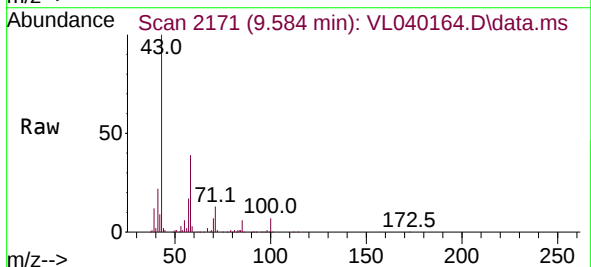
Tgt Ion: 43 Resp: 136157

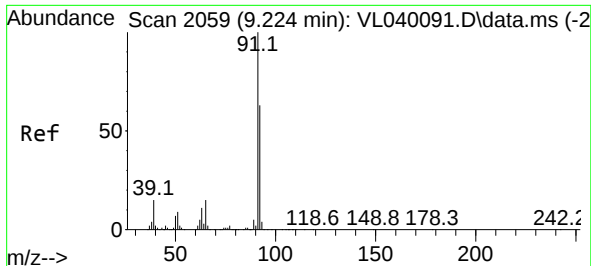
Ion Ratio Lower Upper

43 100

58 87.0 37.5 56.3#

98 1.4 0.4 0.6#





#53

Toluene

Concen: 3.988 ppbv

RT: 9.250 min Scan# 2059

Delta R.T. 0.003 min

Lab File: VL040164.D

Acq: 13 Feb 2023 17:31

Instrument :

MSVOA_L

ClientSampleId :

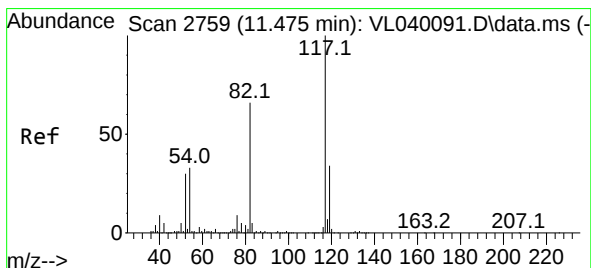
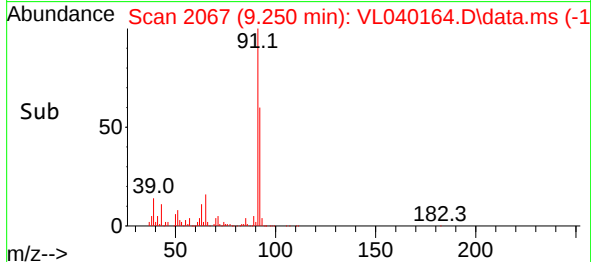
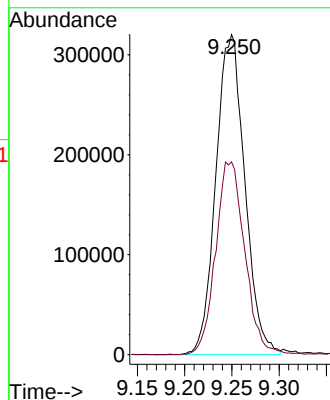
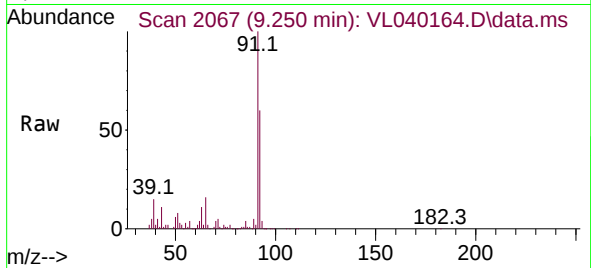
SVP-06

Tgt Ion: 91 Resp: 681951

Ion Ratio Lower Upper

91 100

92 60.8 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: VL040164.D

Acq: 13 Feb 2023 17:31

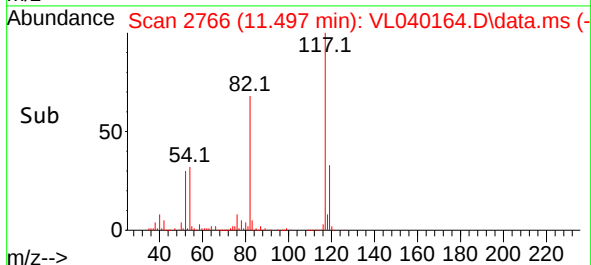
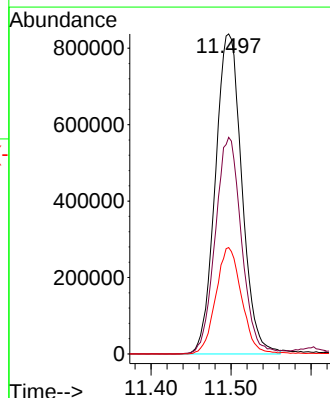
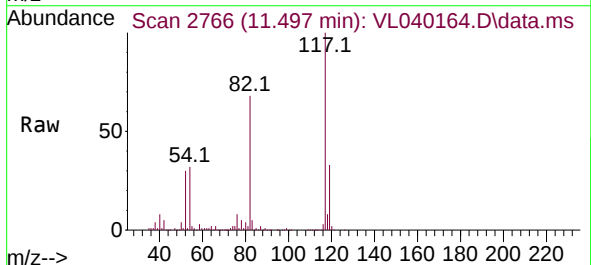
Tgt Ion: 117 Resp: 1926444

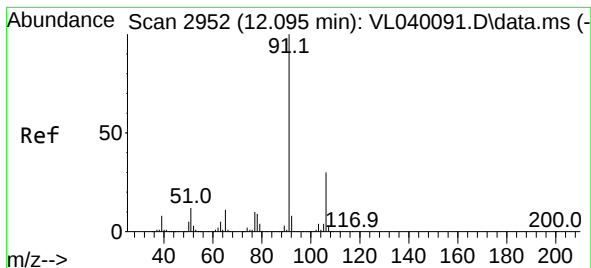
Ion Ratio Lower Upper

117 100

82 67.3 54.4 81.6

119 32.7 26.8 40.2

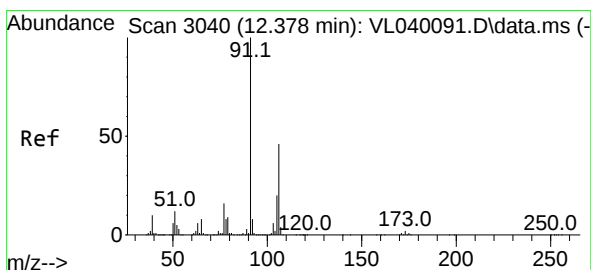
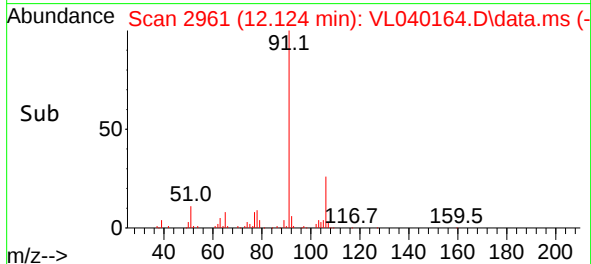
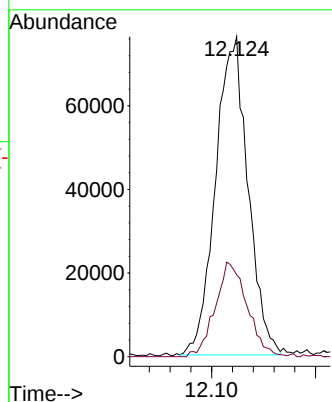
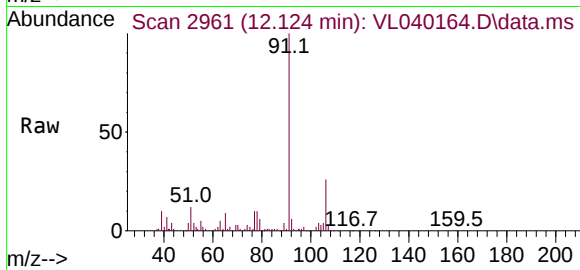




#58
Ethyl Benzene
Concen: 0.766 ppbv
RT: 12.124 min Scan# 2952
Delta R.T. 0.007 min
Lab File: VL040164.D
Acq: 13 Feb 2023 17:31

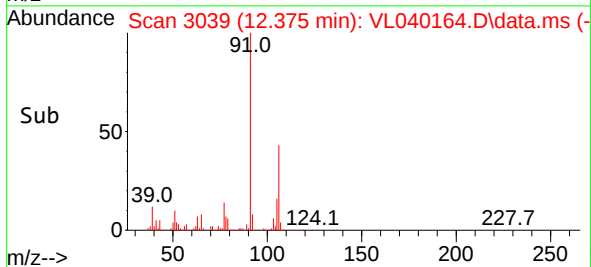
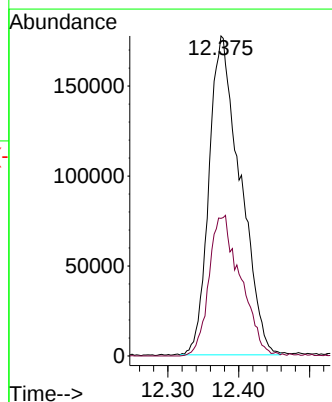
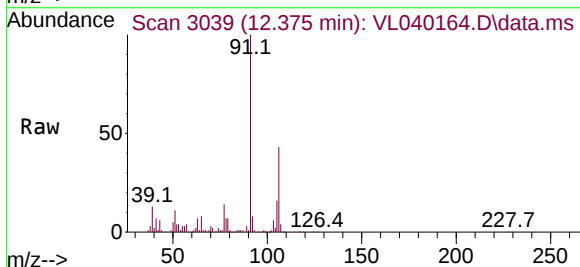
Instrument :
MSVOA_L
ClientSampleId :
SVP-06

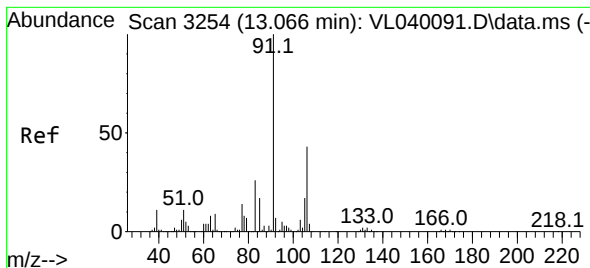
Tgt Ion: 91 Resp: 164663
Ion Ratio Lower Upper
91 100
106 25.7 23.7 35.5



#59
m/p-Xylene
Concen: 2.815 ppbv
RT: 12.375 min Scan# 3039
Delta R.T. -0.029 min
Lab File: VL040164.D
Acq: 13 Feb 2023 17:31

Tgt Ion: 91 Resp: 544133
Ion Ratio Lower Upper
91 100
106 45.1 34.2 51.4

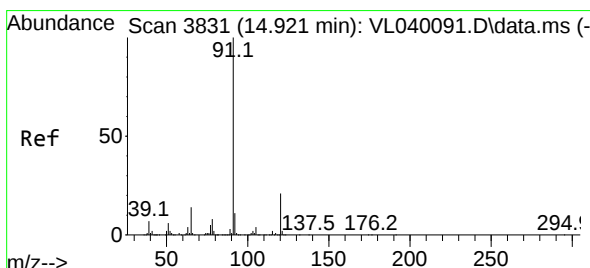
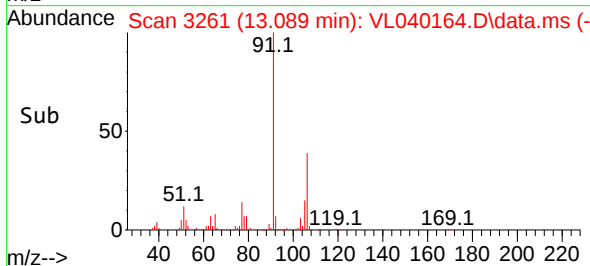
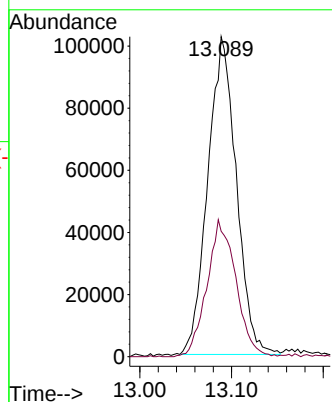
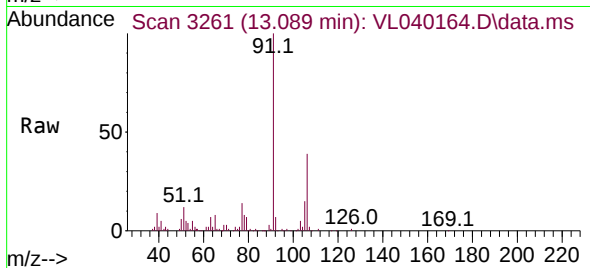




#60
o-Xylene
Concen: 1.206 ppbv
RT: 13.089 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040164.D
Acq: 13 Feb 2023 17:31

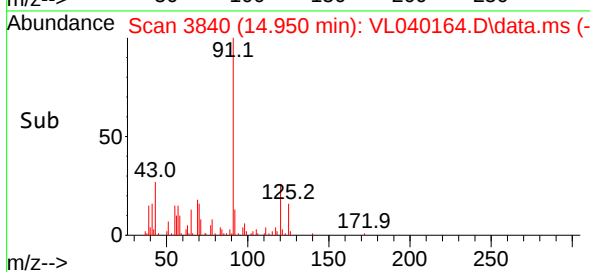
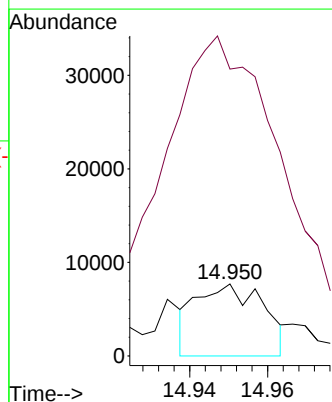
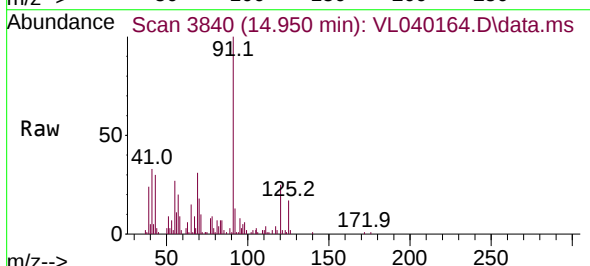
Instrument :
MSVOA_L
ClientSampleId :
SVP-06

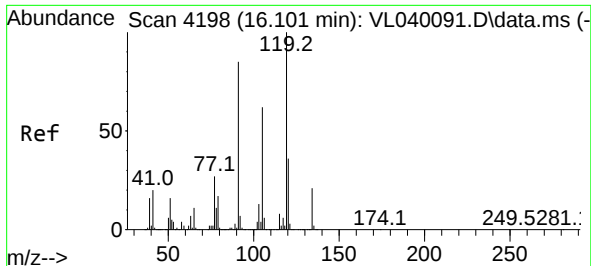
Tgt Ion: 91 Resp: 221208
Ion Ratio Lower Upper
91 100
106 43.6 21.6 64.8



#64
n-propylbenzene
Concen: 0.140 ppbv
RT: 14.950 min Scan# 3840
Delta R.T. 0.003 min
Lab File: VL040164.D
Acq: 13 Feb 2023 17:31

Tgt Ion: 120 Resp: 9211
Ion Ratio Lower Upper
120 100
91 924.1 397.0 595.4#

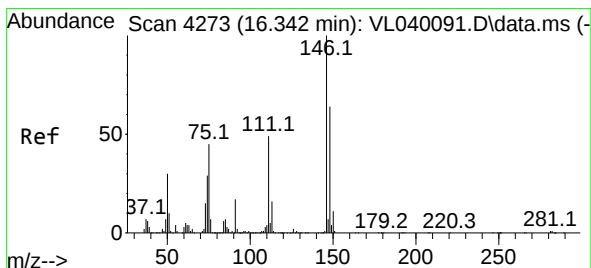
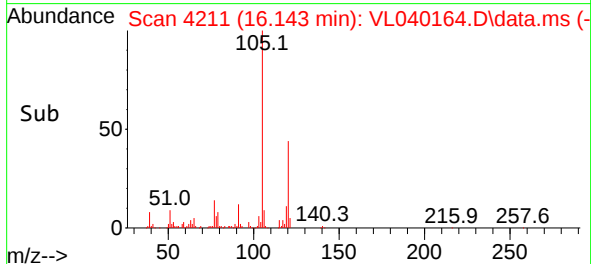
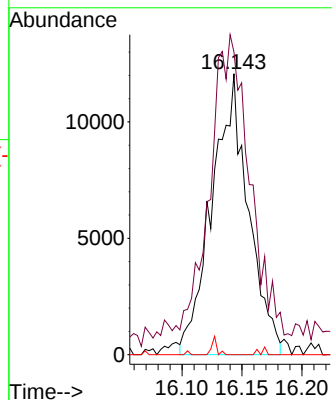
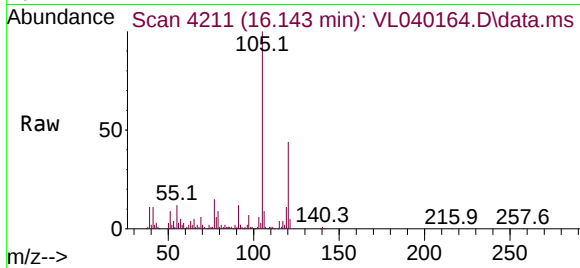




#65
tert-Butylbenzene
Concen: 0.113 ppbv
RT: 16.143 min Scan# 4198
Delta R.T. 0.019 min
Lab File: VL040164.D
Acq: 13 Feb 2023 17:31

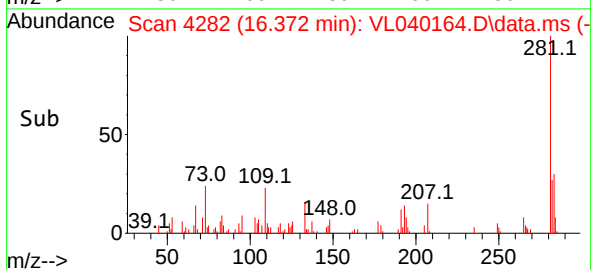
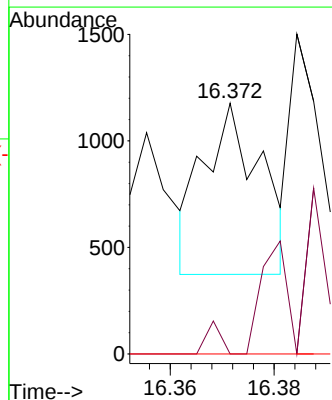
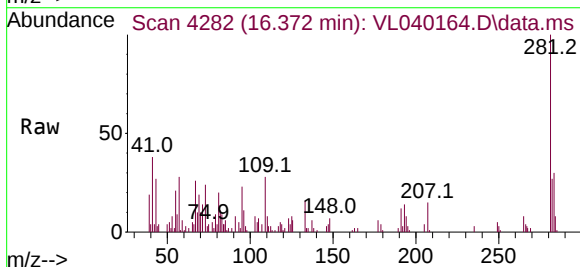
Instrument :
MSVOA_L
ClientSampleId :
SVP-06

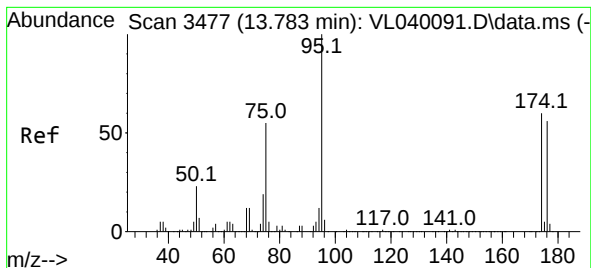
Tgt Ion:119 Resp: 25503
Ion Ratio Lower Upper
119 100
91 127.4 69.5 104.3#
134 0.9 15.8 23.8#



#66
Benzyl Chloride
Concen: 0.040 ppbv
RT: 16.372 min Scan# 4282
Delta R.T. 0.007 min
Lab File: VL040164.D
Acq: 13 Feb 2023 17:31

Tgt Ion: 91 Resp: 613
Ion Ratio Lower Upper
91 100
126 0.0 11.5 17.3#
128 0.0 0.0 0.0

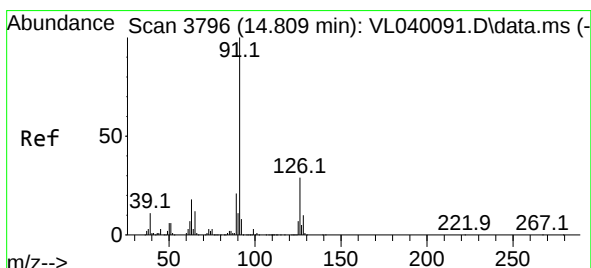
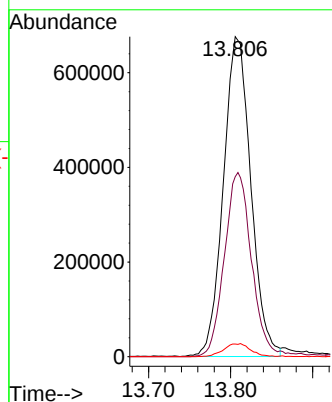
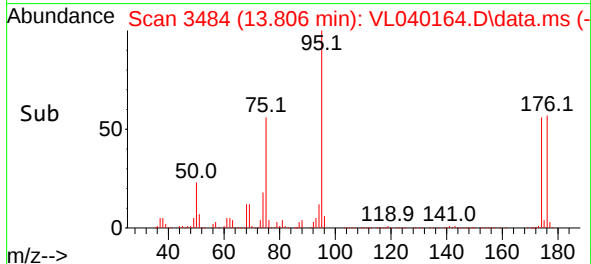
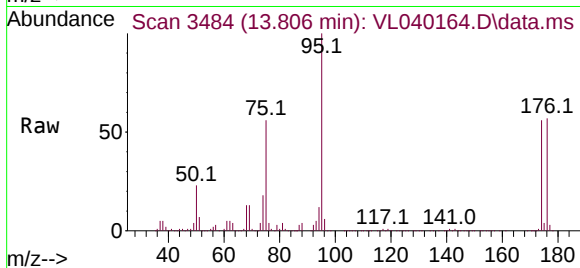




#68
1-Bromo-4-Fluorobenzene
Concen: 9.839 ppbv
RT: 13.806 min Scan# 3477
Delta R.T. 0.000 min
Lab File: VL040164.D
Acq: 13 Feb 2023 17:31

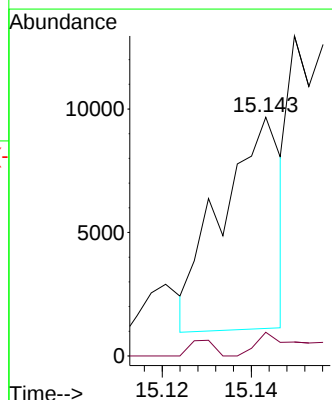
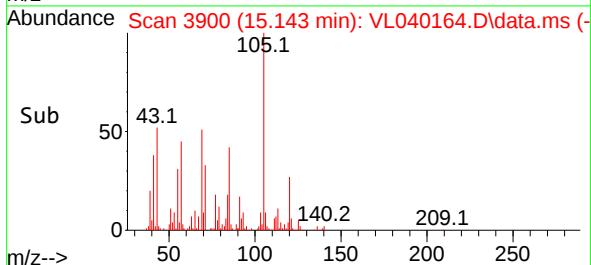
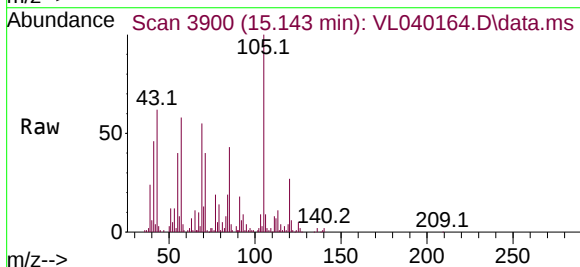
Instrument :
MSVOA_1
ClientSampleId :
SVP-06

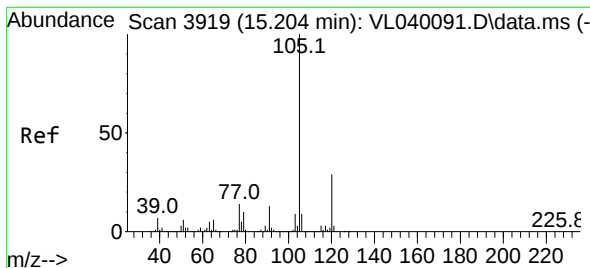
Tgt Ion: 95 Resp: 1575318
Ion Ratio Lower Upper
95 100
174 57.9 47.7 71.5
175 4.1 3.4 5.2



#71
2-Chlorotoluene
Concen: 0.039 ppbv
RT: 15.143 min Scan# 3900
Delta R.T. 0.312 min
Lab File: VL040164.D
Acq: 13 Feb 2023 17:31

Tgt Ion: 91 Resp: 7973
Ion Ratio Lower Upper
91 100
126 15.0 11.9 47.5





#72

4-Ethyltoluene

Concen: 0.405 ppbv

RT: 15.227 min Scan# 3919

Delta R.T. 0.003 min

Lab File: VL040164.D

Acq: 13 Feb 2023 17:31

Instrument :

MSVOA_1

ClientSampleId :

SVP-06

Tgt Ion:105 Resp: 82356

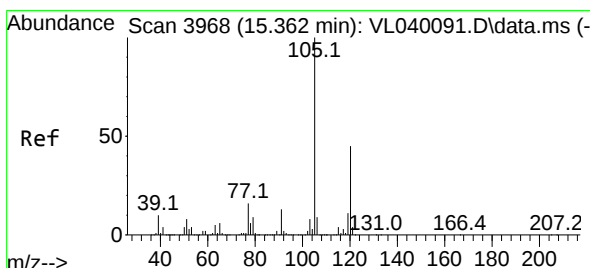
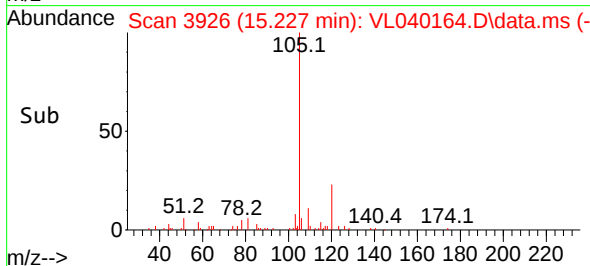
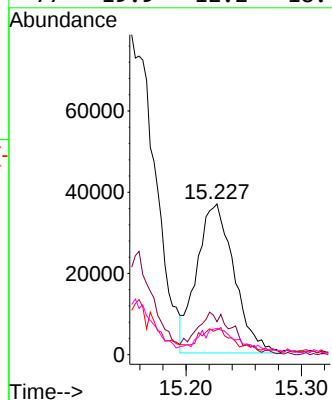
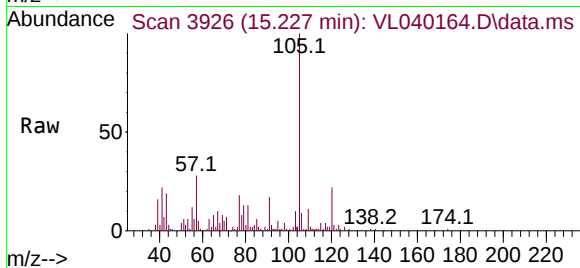
Ion Ratio Lower Upper

105 100

120 30.8 23.1 34.7

91 15.9 11.2 16.8

77 19.9 12.2 18.4#



#73

1,3,5-Trimethylbenzene

Concen: 0.144 ppbv

RT: 15.388 min Scan# 3976

Delta R.T. 0.003 min

Lab File: VL040164.D

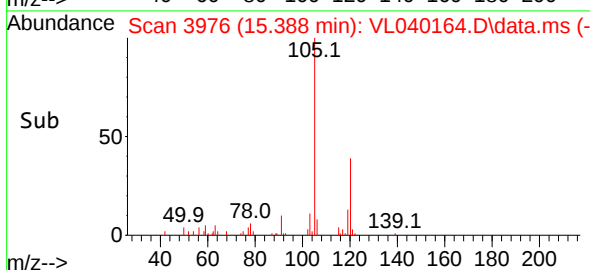
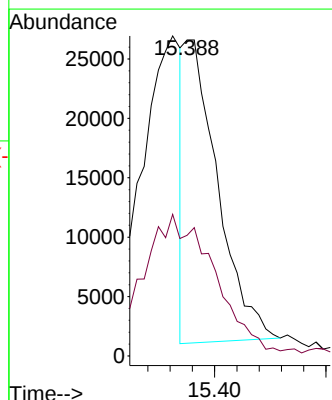
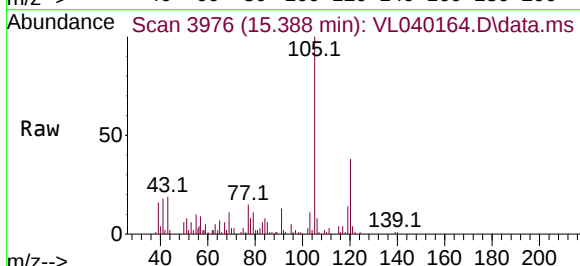
Acq: 13 Feb 2023 17:31

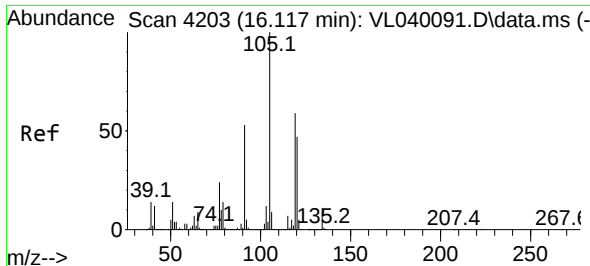
Tgt Ion:105 Resp: 26419

Ion Ratio Lower Upper

105 100

120 38.7 36.2 54.4

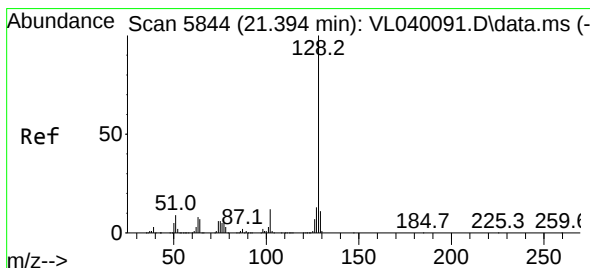
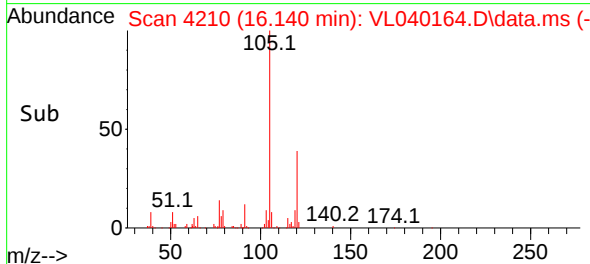
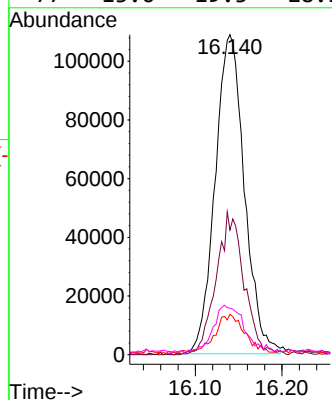
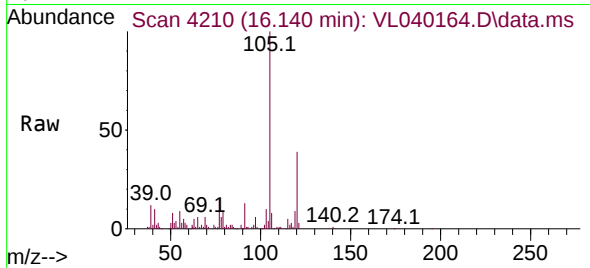




#74
1,2,4-Trimethylbenzene
Concen: 1.257 ppbv
RT: 16.140 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040164.D
Acq: 13 Feb 2023 17:31

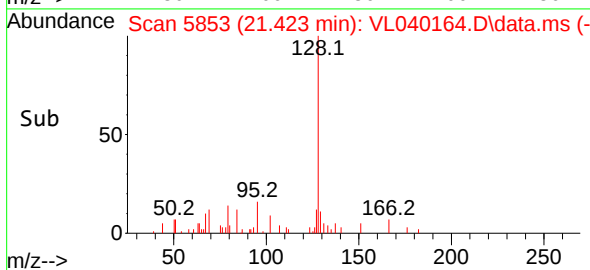
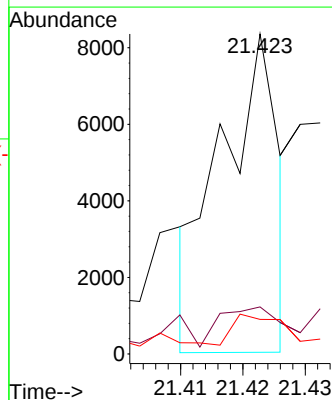
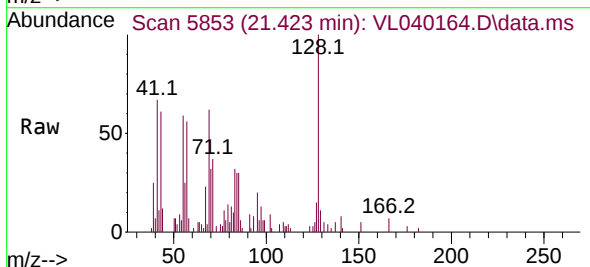
Instrument :
MSVOA_L
ClientSampleId :
SVP-06

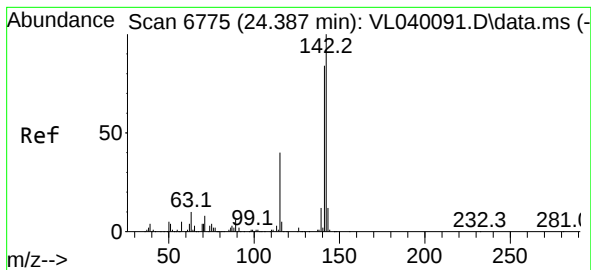
Tgt Ion:	105	Resp:	255293
Ion	Ratio	Lower	Upper
105	100		
120	39.1	38.0	57.0
91	11.9	42.1	63.1#
77	13.6	19.3	28.9#



#79
Naphthalene
Concen: 0.046 ppbv
RT: 21.423 min Scan# 5853
Delta R.T. 0.000 min
Lab File: VL040164.D
Acq: 13 Feb 2023 17:31

Tgt Ion:	128	Resp:	5330
Ion	Ratio	Lower	Upper
128	100		
127	8.0	10.3	15.5#
129	12.1	8.8	13.2





#80

Naphthalene, 2-methyl-

Concen: 0.035 ppbv

RT: 24.426 min Scan# 61

Delta R.T. 0.023 min

Lab File: VL040164.D

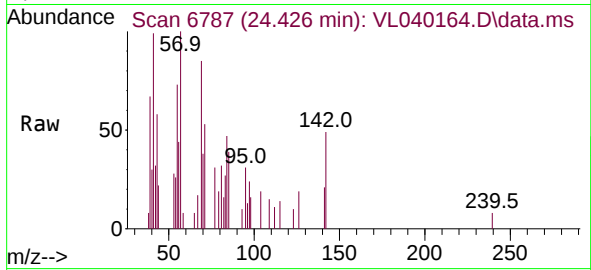
Acq: 13 Feb 2023 17:31

Instrument :

MSVOA_L

ClientSampleId :

SVP-06



Tgt Ion:142 Resp: 1371

Ion Ratio Lower Upper

142 100

141 83.8 65.0 97.6

115 0.0 31.8 47.8#

