

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101022\
 Data File : VL039702.D
 Acq On : 10 Oct 2022 19:37
 Operator : SY/AP
 Sample : N5065-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-03

Quant Time: Oct 11 07:20:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1060227	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.651	114	2703580	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2462269	10.000	ppbv	-0.02

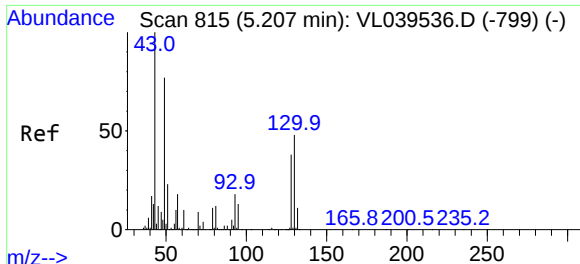
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1874019	10.196	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.000%

Target Compounds						Qvalue
3) Chlorodifluoromethane	2.886	51	19200	0.153	ppbv	92
4) Chloromethane	2.825	50	14312	0.189	ppbv	96
9) Propene	2.890	41	963308	16.764	ppbv	93
10) Heptane	7.571	43	34940	0.261	ppbv #	27
11) Trichlorofluoromethane	3.574	101	34402	0.226	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.076	101	6030	0.052	ppbv #	68
13) Ethanol	3.266	45	11738323	2680.979	ppbv	73
15) Acetone	3.475	43	14095669	119.478	ppbv #	85
16) 1,3-Butadiene	2.980	39	45366	0.758	ppbv #	46
17) tert-Butyl alcohol	3.603	59	902113	8.521	ppbv	95
19) Isopropyl Alcohol	3.603	45	18317913	304.602	ppbv #	93
20) Methylene Chloride	3.944	84	213076	3.906	ppbv	92
21) Allyl Chloride	3.742	41	144071	1.793	ppbv #	19
23) Vinyl Acetate	4.619	43	69276	1.299	ppbv #	1
25) Ethyl Acetate	5.214	43	341951	1.329	ppbv #	96
26) Hexane	5.211	57	99298	0.910	ppbv #	1
27) Carbon Disulfide	4.134	76	29774	0.260	ppbv #	59
29) Chloroform	5.278	83	518986	3.293	ppbv	95
30) Cyclohexane	6.600	84	20124	0.238	ppbv #	22
34) 2-Butanone	4.796	43	84174	0.634	ppbv #	86
36) Benzene	6.372	78	358983	1.737	ppbv	92
39) 1,2-Dichloropropane	6.651	63	664583	8.327	ppbv #	24
41) Tetrahydrofuran	5.555	42	2965	0.036	ppbv #	34
43) Methyl Methacrylate	7.475	69	81615	1.083	ppbv	83
44) 2,2,4-Trimethylpentane	7.323	57	287876	0.808	ppbv #	88
50) 4-Methyl-2-Pentanone	8.185	43	8113	0.039	ppbv #	37
53) Toluene	9.211	91	523740	2.278	ppbv	100
58) Ethyl Benzene	12.076	91	246543	0.868	ppbv	93
59) m/p-Xylene	12.333	91	834940	3.305	ppbv	93
60) o-Xylene	13.047	91	300805	1.247	ppbv	100
61) Styrene	12.886	104	4388	0.034	ppbv #	27
62) Isopropylbenzene	14.021	105	50341	0.139	ppbv	96
64) n-propylbenzene	14.902	120	18365	0.198	ppbv #	1
65) tert-Butylbenzene	16.085	119	20239	0.063	ppbv #	1
69) p-Isopropyltoluene	16.982	119	63769	0.172	ppbv #	49
72) 4-Ethyltoluene	15.185	105	194972	0.708	ppbv	94
73) 1,3,5-Trimethylbenzene	15.336	105	76440	0.303	ppbv	98
74) 1,2,4-Trimethylbenzene	16.095	105	521536	1.846	ppbv #	71
80) Naphthalene,2-methyl-	24.365	142	5634	0.080	ppbv #	86

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

Quant Time: Oct 11 07:20:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Mon Sep 19 14:26:28 2022
Response via : Initial Calibration

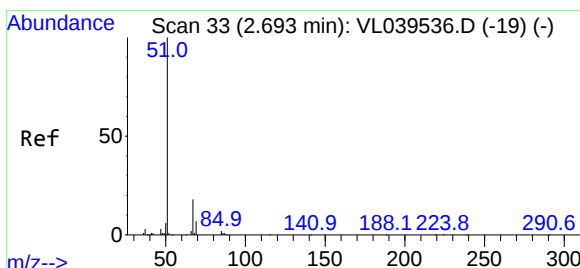
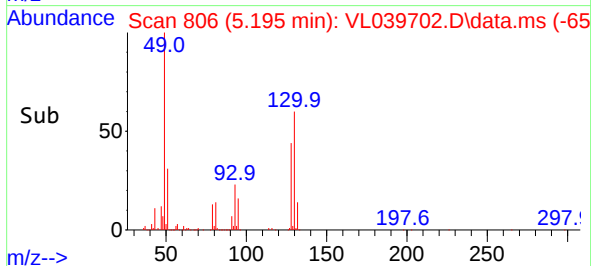
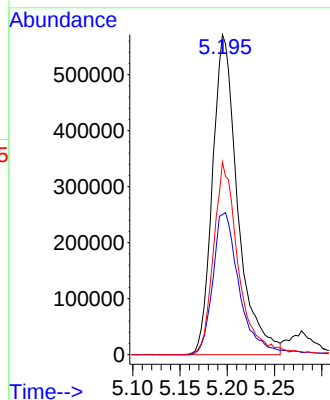
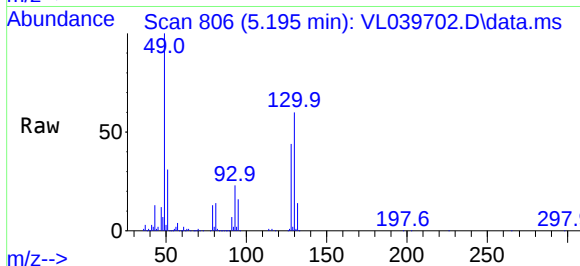




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. -0.012 min
Lab File: VL039702.D
Acq: 10 Oct 2022 19:37

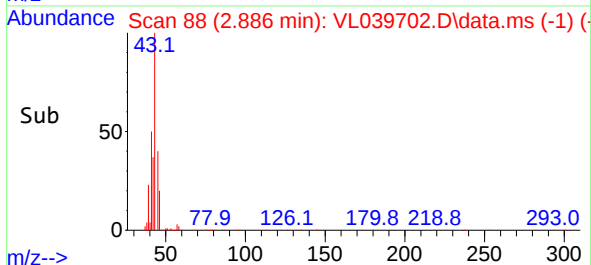
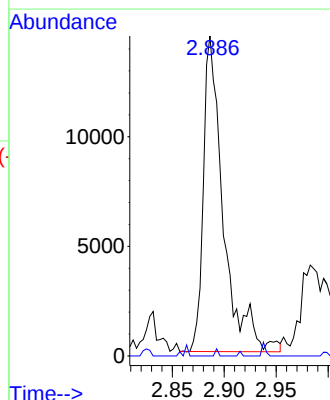
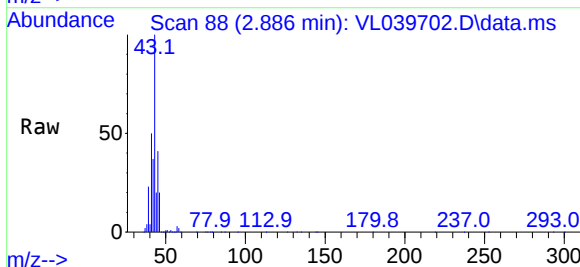
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

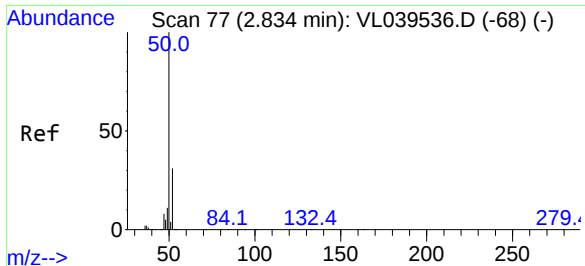
Tgt Ion: 49 Resp: 1060227
Ion Ratio Lower Upper
49 100
128 47.7 26.7 80.0
130 60.5 34.3 102.8



#3
Chlorodifluoromethane
Concen: 0.153 ppbv
RT: 2.886 min Scan# 88
Delta R.T. 0.193 min
Lab File: VL039702.D
Acq: 10 Oct 2022 19:37

Tgt Ion: 51 Resp: 19200
Ion Ratio Lower Upper
51 100
67 15.9 15.7 23.5





#4
Chloromethane
Concen: 0.189 ppbv
RT: 2.825 min Scan# 61
Delta R.T. -0.009 min
Lab File: VL039702.D
Acq: 10 Oct 2022 19:37

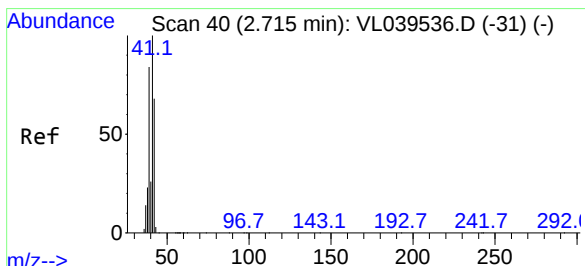
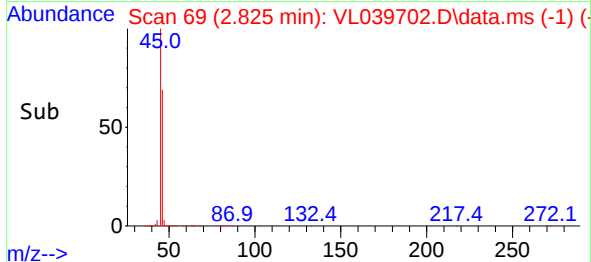
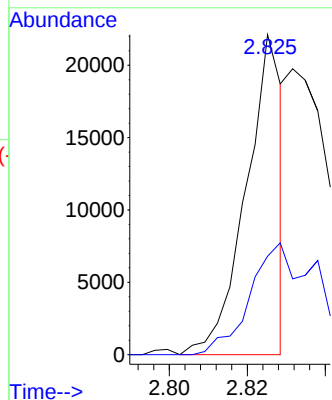
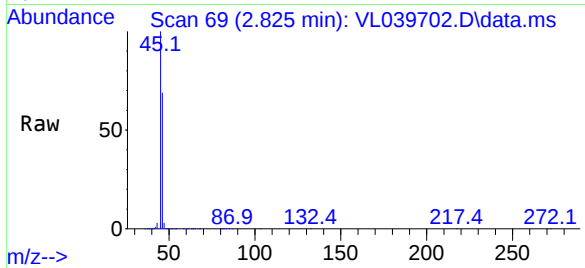
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MSVOA_L

ClientSampleId :

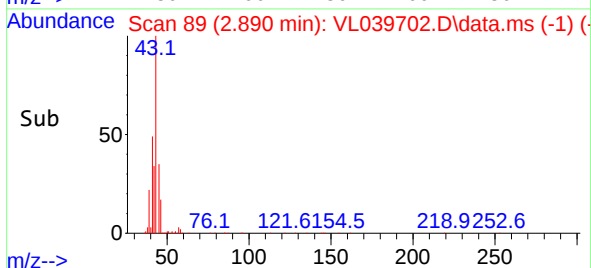
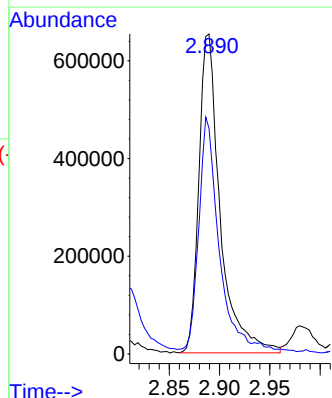
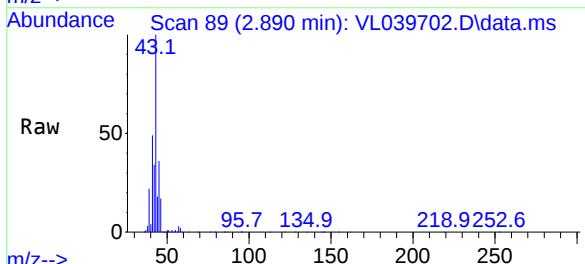
SVP-03

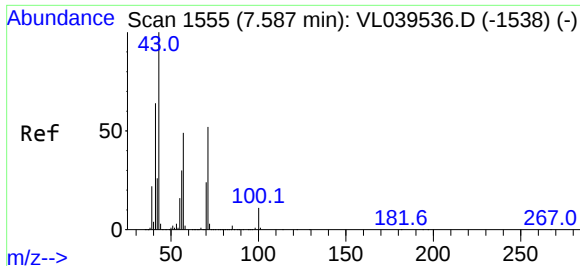
Tgt Ion: 50 Resp: 14312
Ion Ratio Lower Upper
50 100
52 30.8 26.5 39.7



#9
Propene
Concen: 16.764 ppbv
RT: 2.890 min Scan# 89
Delta R.T. 0.174 min
Lab File: VL039702.D
Acq: 10 Oct 2022 19:37

Tgt Ion: 41 Resp: 963308
Ion Ratio Lower Upper
41 100
42 74.5 55.2 82.8





#10

Heptane

Concen: 0.261 ppbv

RT: 7.571 min Scan# 11

Delta R.T. -0.016 min

Lab File: VL039702.D

Acq: 10 Oct 2022 19:37

Instrument :

MSVOA_L

ClientSampleId :

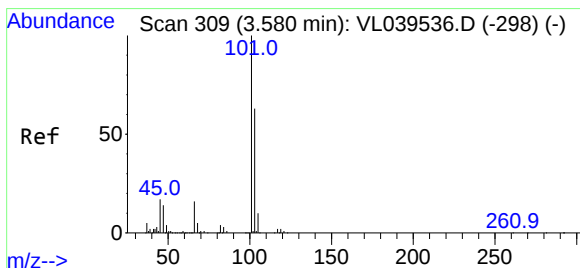
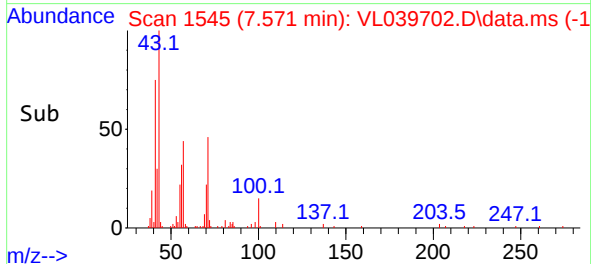
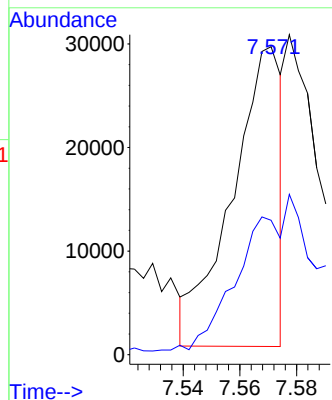
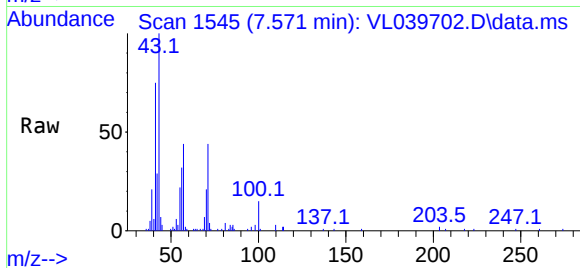
SVP-03

Tgt Ion: 43 Resp: 34940

Ion Ratio Lower Upper

43 100

57 0.0 40.5 60.7#



#11

Trichlorofluoromethane

Concen: 0.226 ppbv

RT: 3.574 min Scan# 302

Delta R.T. -0.006 min

Lab File: VL039702.D

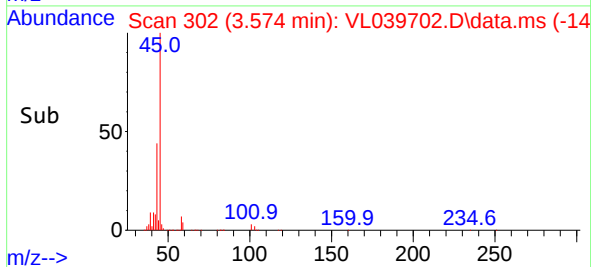
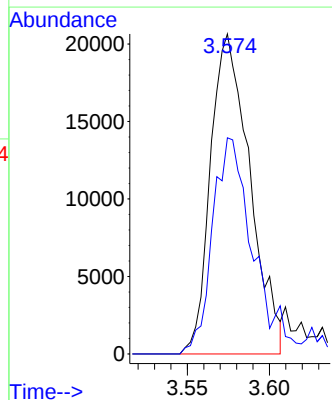
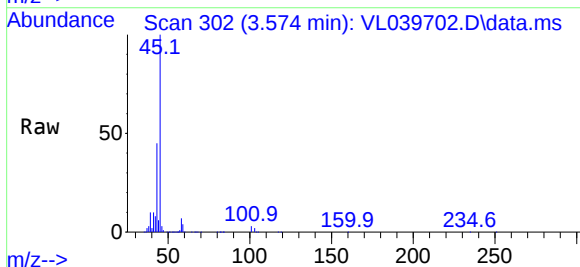
Acq: 10 Oct 2022 19:37

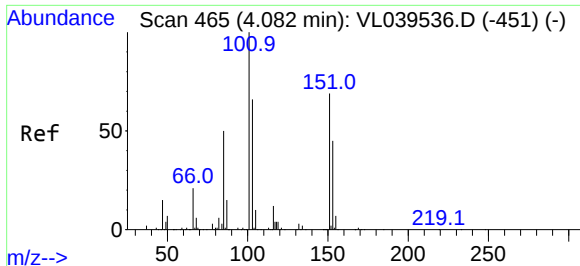
Tgt Ion:101 Resp: 34402

Ion Ratio Lower Upper

101 100

103 67.6 51.8 77.8

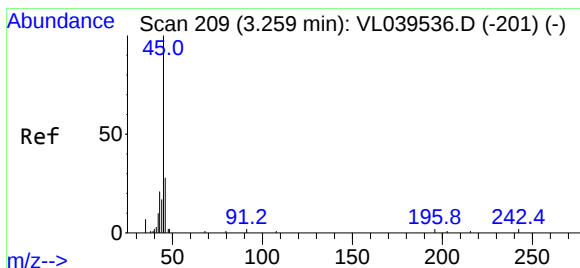
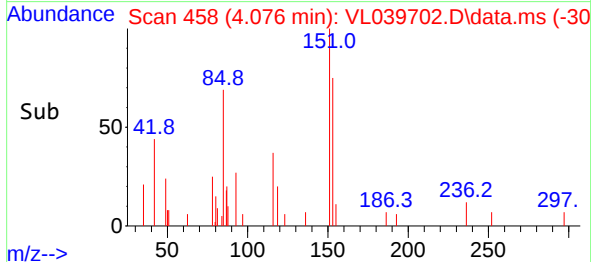
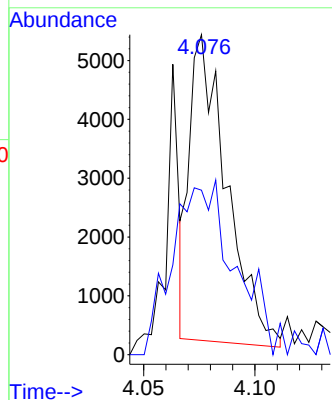
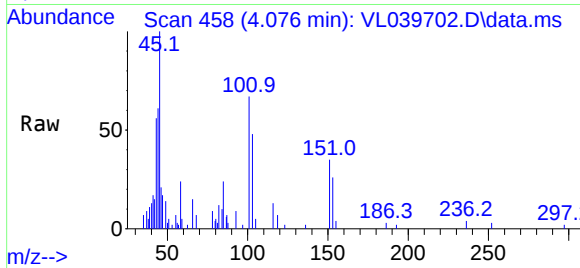




#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.052 ppbv
 RT: 4.076 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL039702.D
 Acq: 10 Oct 2022 19:37

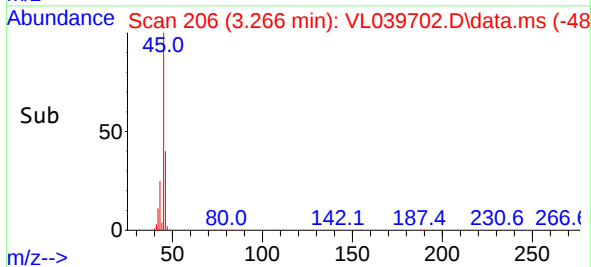
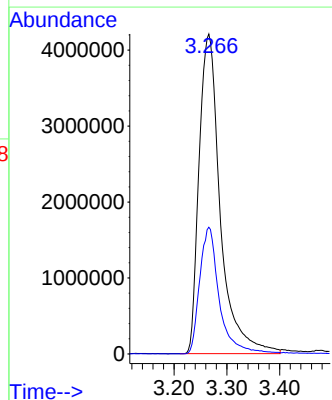
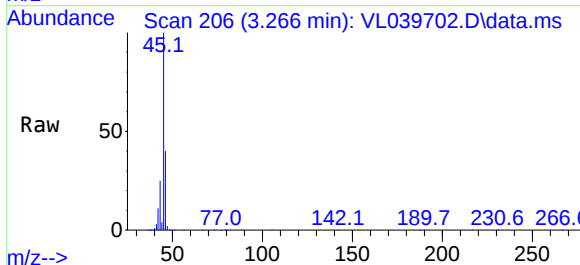
Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-03

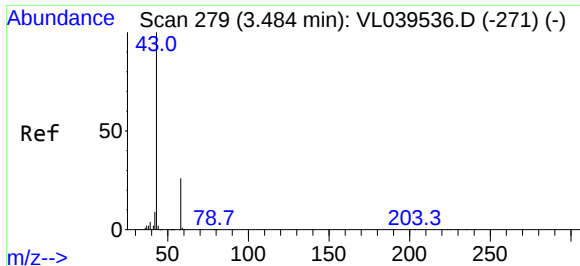
Tgt Ion:101 Resp: 6030
 Ion Ratio Lower Upper
 101 100
 151 100.5 58.9 88.3#



#13
 Ethanol
 Concen: 2680.979 ppbv
 RT: 3.266 min Scan# 206
 Delta R.T. 0.007 min
 Lab File: VL039702.D
 Acq: 10 Oct 2022 19:37

Tgt Ion: 45 Resp:11738323
 Ion Ratio Lower Upper
 45 100
 46 37.1 22.8 91.2

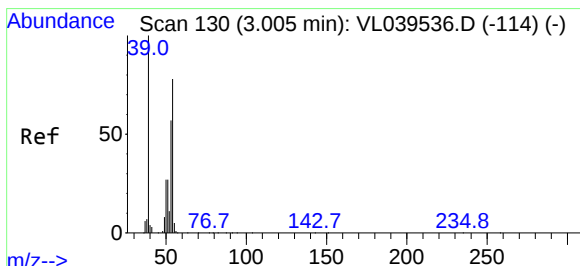
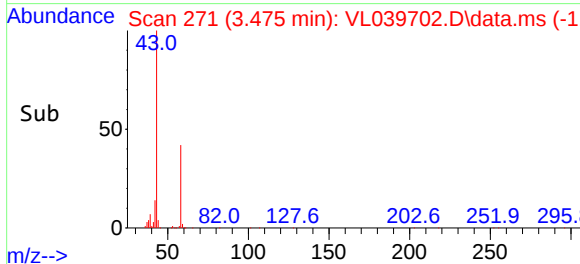
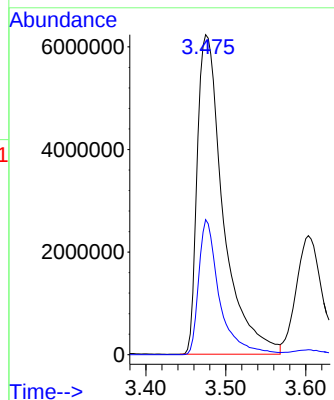
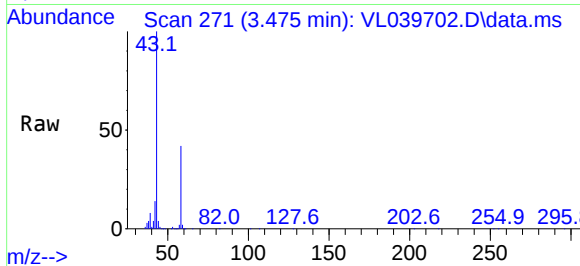




#15
Acetone
Concen: 119.478 ppbv
RT: 3.475 min Scan# 21
Delta R.T. -0.009 min
Lab File: VL039702.D
Acq: 10 Oct 2022 19:37

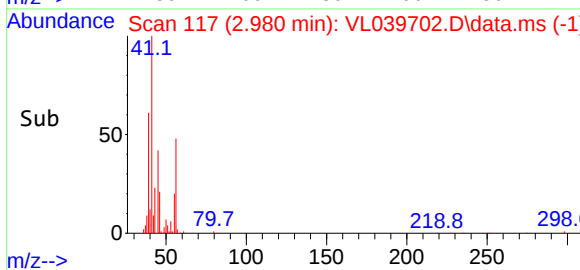
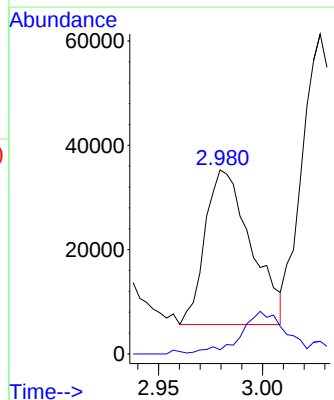
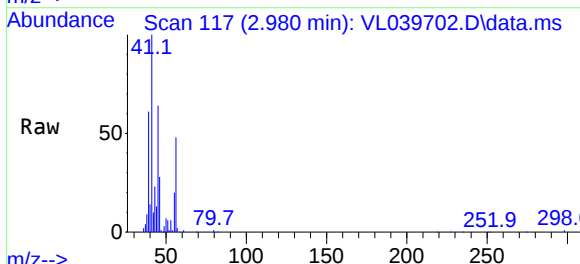
Instrument :
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ClientSampleId :
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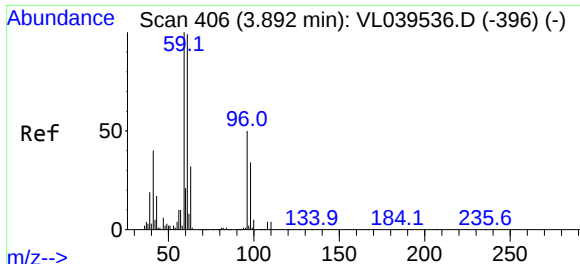
Tgt Ion: 43 Resp:14095669
Ion Ratio Lower Upper
43 100
58 33.8 21.0 31.6#



#16
1,3-Butadiene
Concen: 0.758 ppbv
RT: 2.980 min Scan# 117
Delta R.T. -0.025 min
Lab File: VL039702.D
Acq: 10 Oct 2022 19:37

Tgt Ion: 39 Resp: 45366
Ion Ratio Lower Upper
39 100
54 32.2 63.7 95.5#

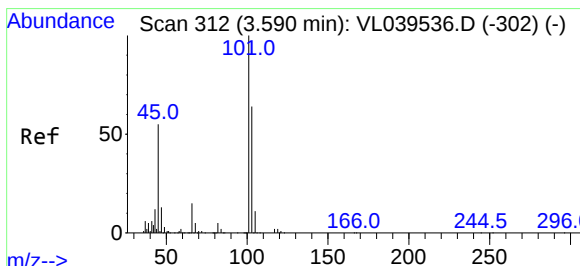
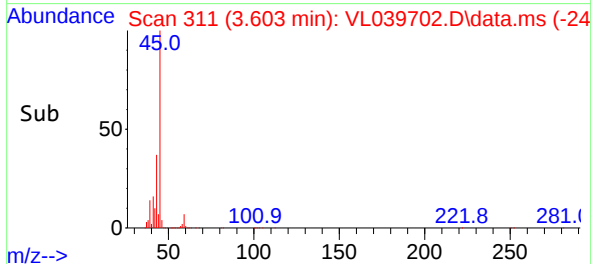
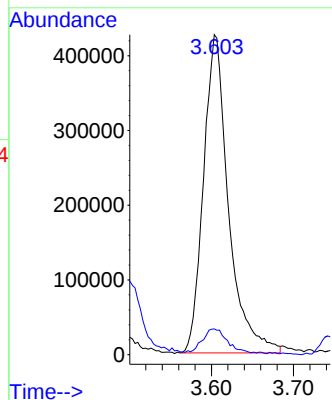
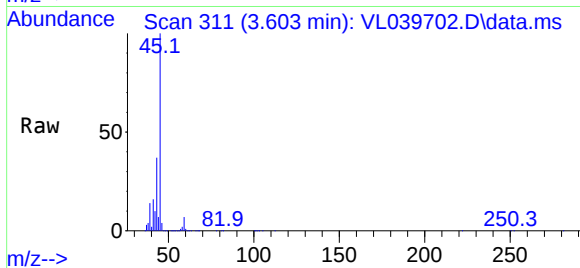




#17
tert-Butyl alcohol
Concen: 8.521 ppbv
RT: 3.603 min Scan# 311
Delta R.T. -0.289 min
Lab File: VL039702.D
Acq: 10 Oct 2022 19:37

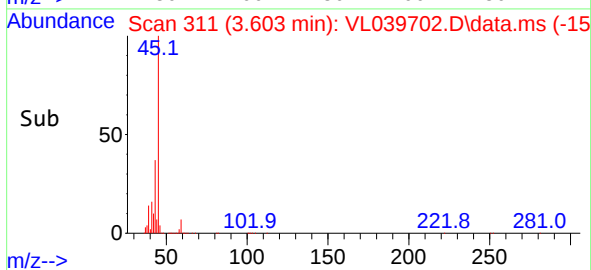
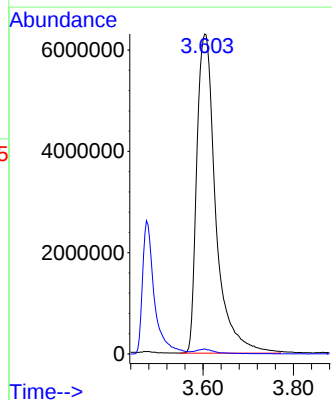
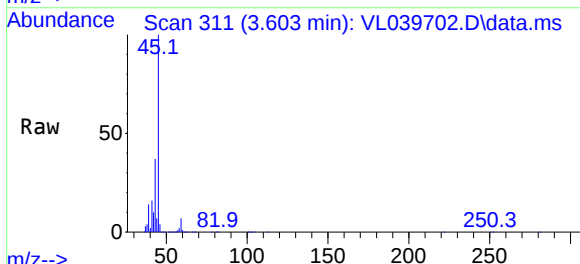
Instrument :
MSVOA_L
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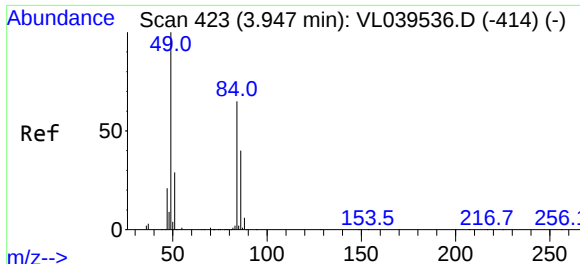
Tgt Ion: 59 Resp: 902113
Ion Ratio Lower Upper
59 100
57 9.0 8.7 13.1



#19
Isopropyl Alcohol
Concen: 304.602 ppbv
RT: 3.603 min Scan# 311
Delta R.T. 0.013 min
Lab File: VL039702.D
Acq: 10 Oct 2022 19:37

Tgt Ion: 45 Resp:18317913
Ion Ratio Lower Upper
45 100
58 1.6 3.2 4.8#



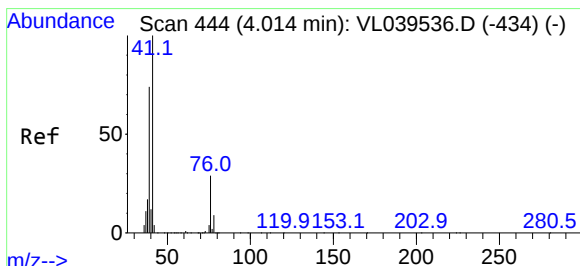
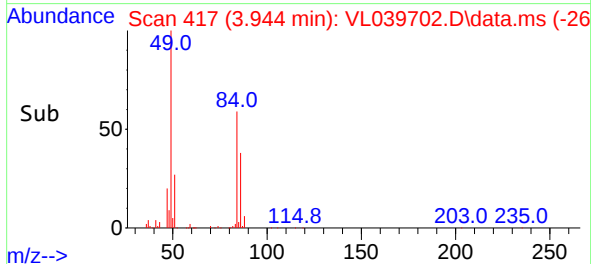
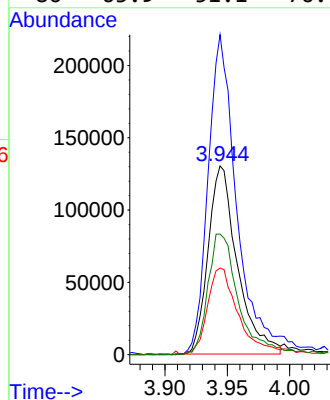
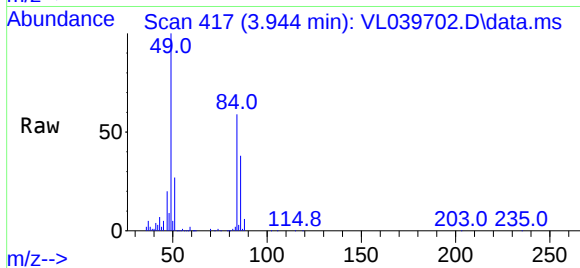


#20
Methylene Chloride
Concen: 3.906 ppbv
RT: 3.944 min Scan# 417
Delta R.T. -0.003 min
Lab File: VL039702.D
Acq: 10 Oct 2022 19:37

Instrument :
MSVOA_L
ClientSampleId :
SVP-03

Tgt Ion: 84 Resp: 213076

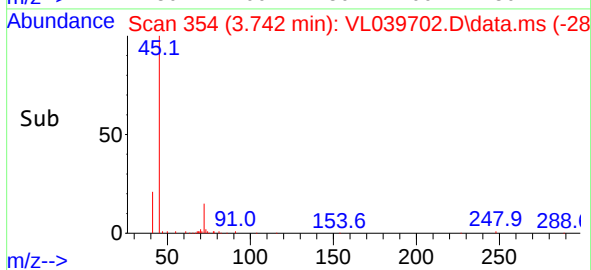
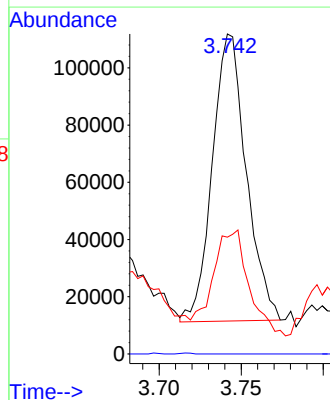
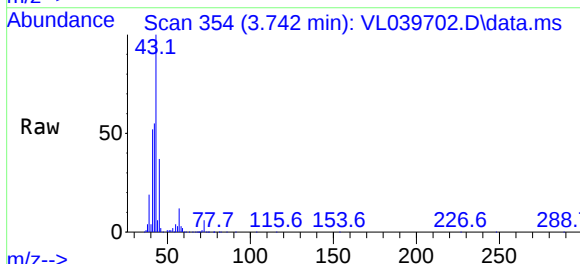
Ion	Ratio	Lower	Upper
84	100		
49	169.6	123.1	184.7
51	45.9	34.4	51.6
86	63.9	51.1	76.7

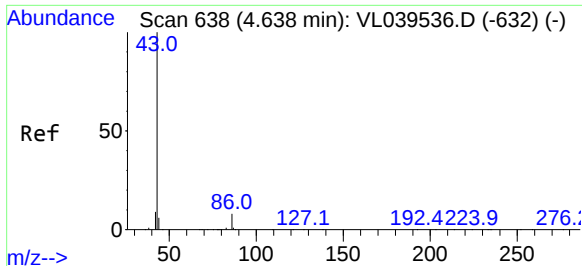


#21
Allyl Chloride
Concen: 1.793 ppbv
RT: 3.742 min Scan# 354
Delta R.T. -0.273 min
Lab File: VL039702.D
Acq: 10 Oct 2022 19:37

Tgt Ion: 41 Resp: 144071

Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.4	36.6#
39	0.0	63.5	95.3#



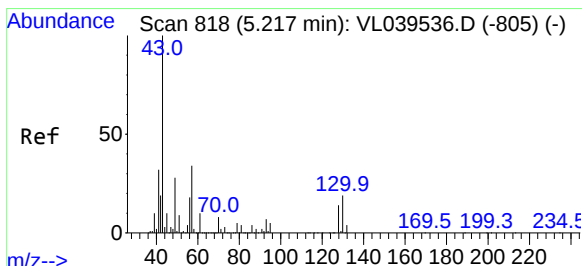
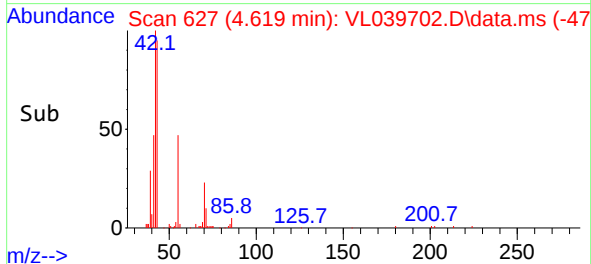
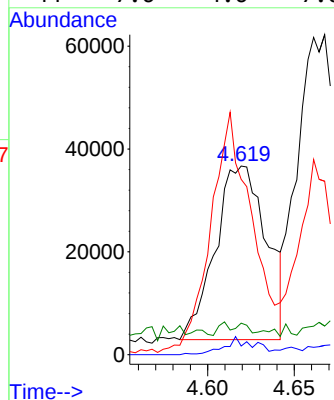
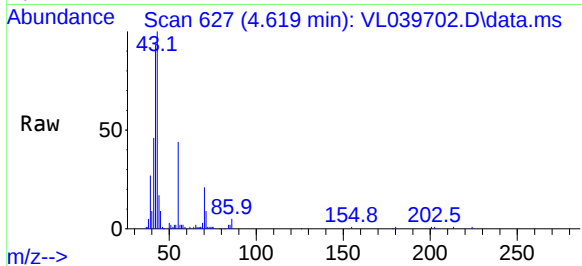


#23
 Vinyl Acetate
 Concen: 1.299 ppbv
 RT: 4.619 min Scan# 61
 Delta R.T. -0.019 min
 Lab File: VL039702.D
 Acq: 10 Oct 2022 19:37

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-03

Tgt Ion: 43 Resp: 69276

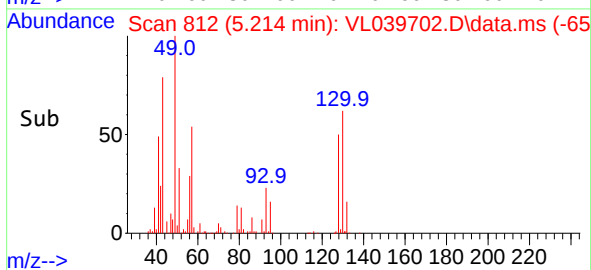
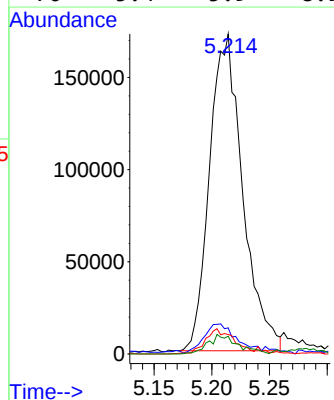
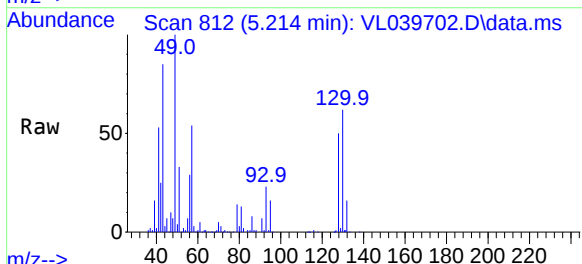
Ion	Ratio	Lower	Upper
43	100		
86	5.0	5.0	7.6#
42	95.6	7.7	11.5#
44	7.6	4.6	7.0#

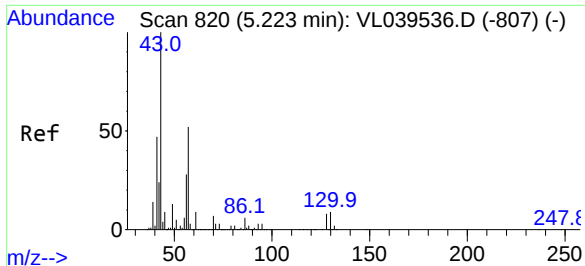


#25
 Ethyl Acetate
 Concen: 1.329 ppbv
 RT: 5.214 min Scan# 812
 Delta R.T. -0.003 min
 Lab File: VL039702.D
 Acq: 10 Oct 2022 19:37

Tgt Ion: 43 Resp: 341951

Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.2	12.4
61	7.6	8.3	12.5#
70	5.4	5.9	8.9#

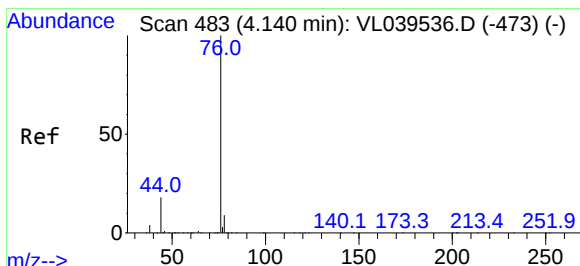
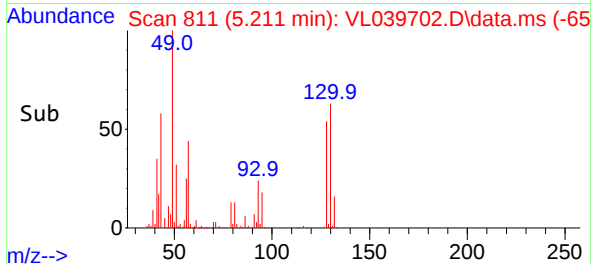
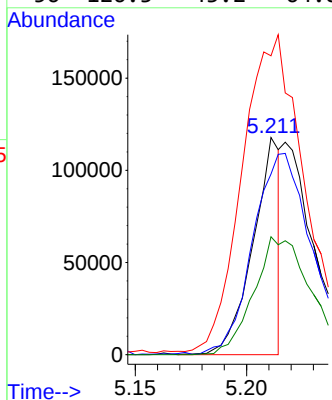
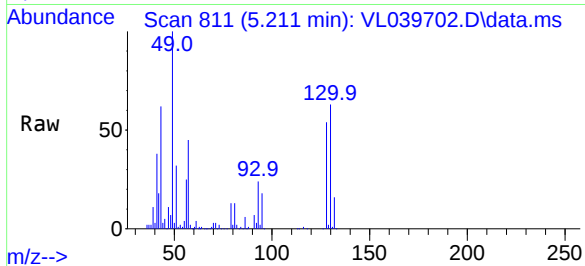




#26
Hexane
Concen: 0.910 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.012 min
Lab File: VL039702.D
Acq: 10 Oct 2022 19:37

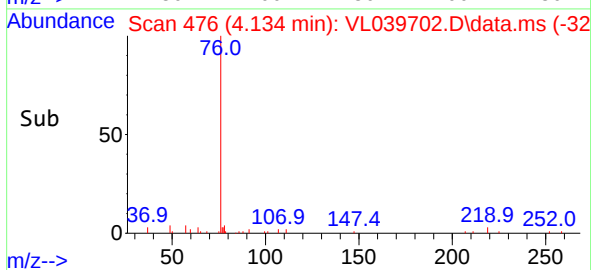
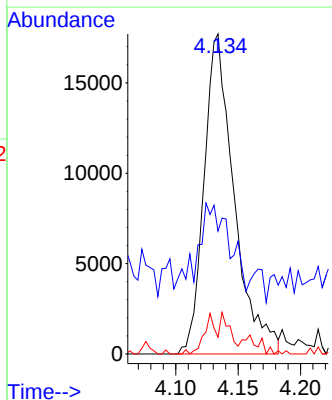
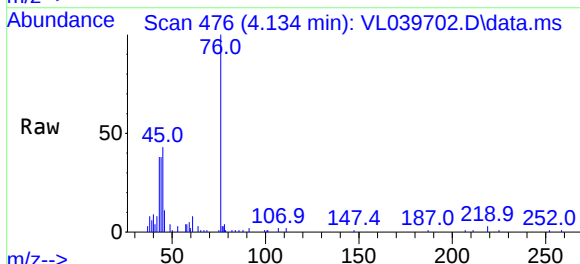
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

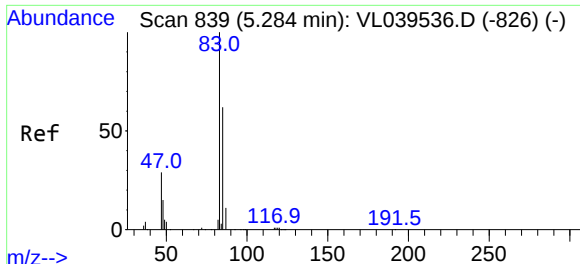
Tgt Ion: 57 Resp: 99298
Ion Ratio Lower Upper
57 100
41 0.0 76.9 115.3#
43 0.0 191.0 286.6#
56 126.3 43.2 64.8#



#27
Carbon Disulfide
Concen: 0.260 ppbv
RT: 4.134 min Scan# 476
Delta R.T. -0.006 min
Lab File: VL039702.D
Acq: 10 Oct 2022 19:37

Tgt Ion: 76 Resp: 29774
Ion Ratio Lower Upper
76 100
44 44.1 14.6 21.8#
78 12.4 7.8 11.6#





#29

Chloroform

Concen: 3.293 ppbv

RT: 5.278 min Scan# 81

Delta R.T. -0.006 min

Lab File: VL039702.D

Acq: 10 Oct 2022 19:37

Instrument :

MSVOA_L

ClientSampleId :

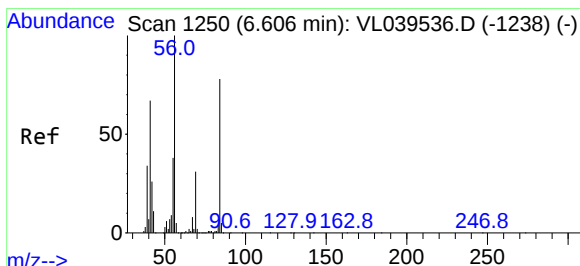
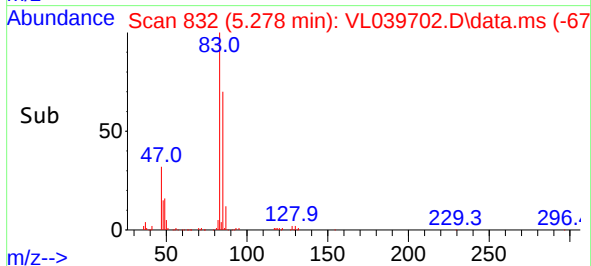
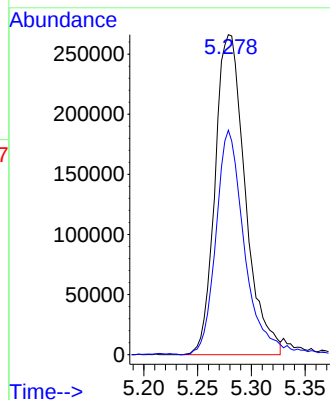
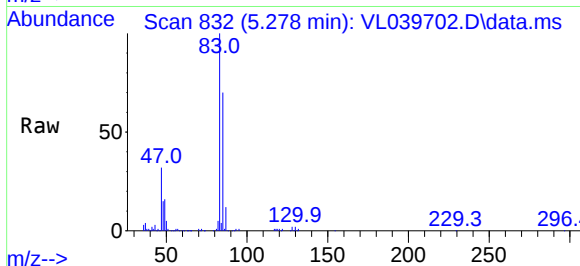
SVP-03

Tgt Ion: 83 Resp: 518986

Ion Ratio Lower Upper

83 100

85 70.1 52.8 79.2



#30

Cyclohexane

Concen: 0.238 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. -0.006 min

Lab File: VL039702.D

Acq: 10 Oct 2022 19:37

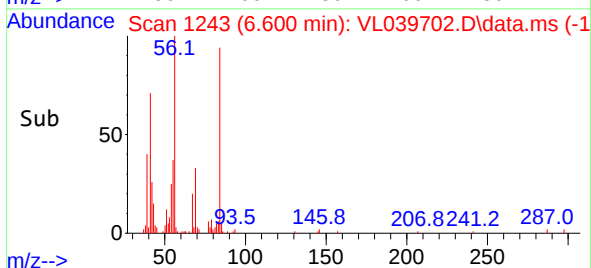
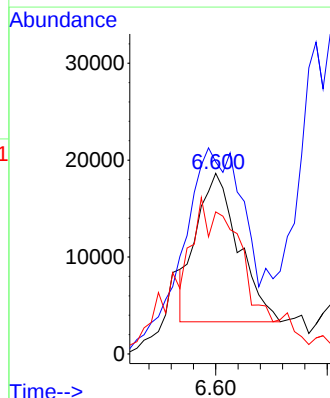
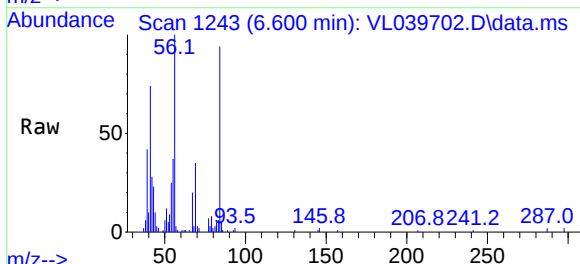
Tgt Ion: 84 Resp: 20124

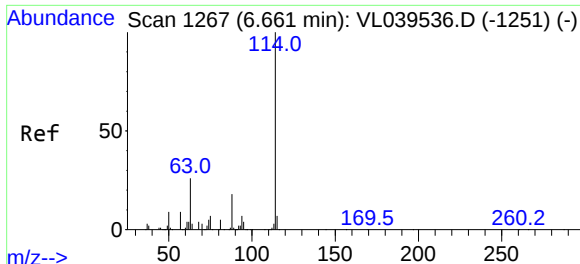
Ion Ratio Lower Upper

84 100

56 213.0 107.7 161.5#

41 172.0 67.7 101.5#

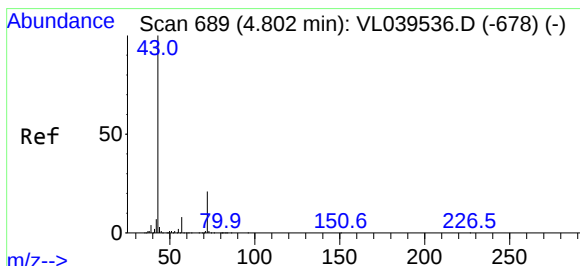
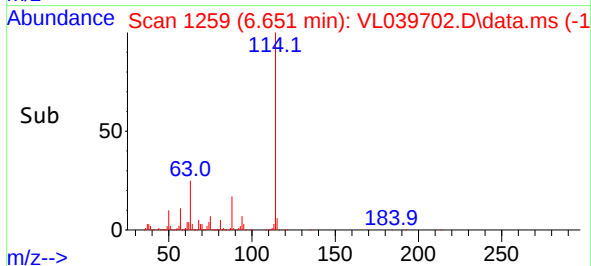
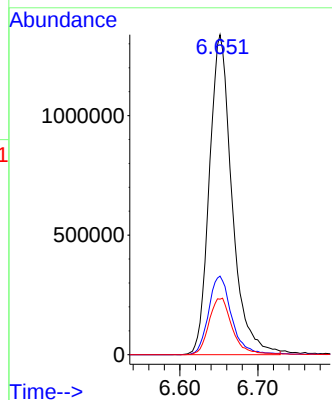
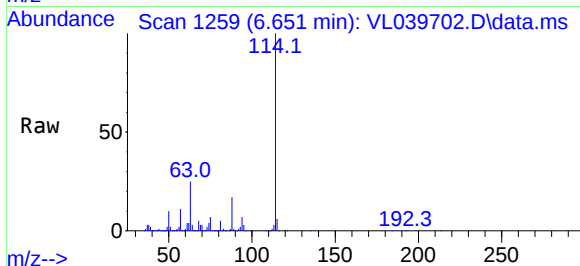




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.651 min Scan# 114
Delta R.T. -0.009 min
Lab File: VL039702.D
Acq: 10 Oct 2022 19:37

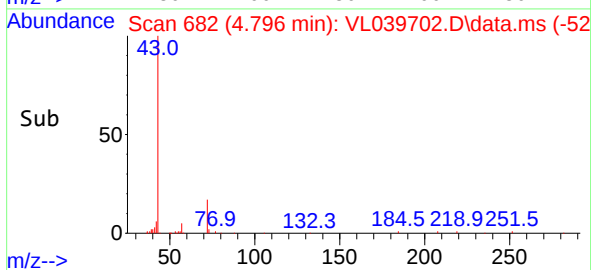
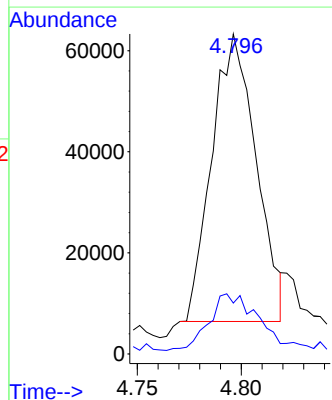
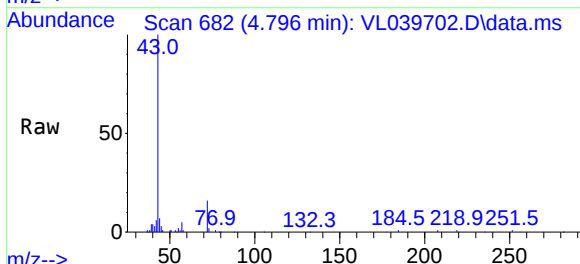
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

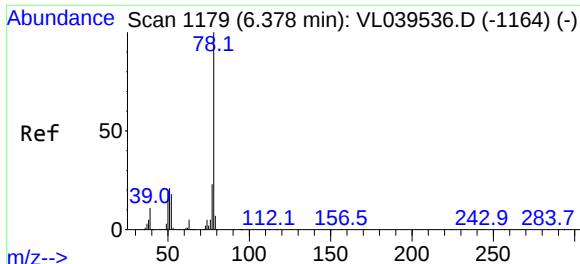
Tgt Ion:114 Resp: 2703580
Ion Ratio Lower Upper
114 100
63 25.3 20.2 30.4
88 18.3 14.5 21.7



#34
2-Butanone
Concen: 0.634 ppbv
RT: 4.796 min Scan# 682
Delta R.T. -0.006 min
Lab File: VL039702.D
Acq: 10 Oct 2022 19:37

Tgt Ion: 43 Resp: 84174
Ion Ratio Lower Upper
43 100
72 29.1 17.9 26.9#

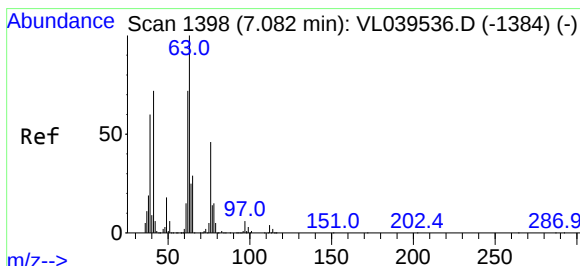
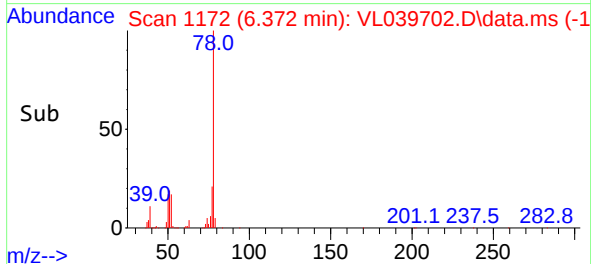
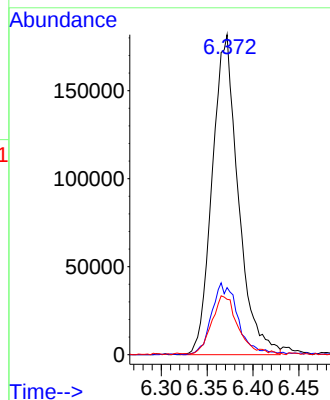
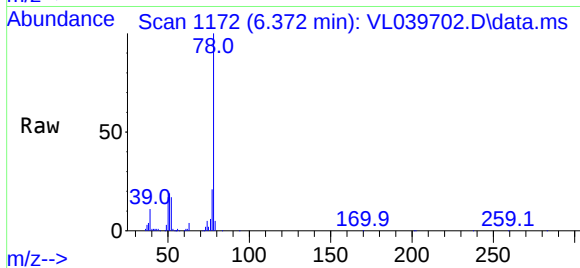




#36
Benzene
Concen: 1.737 ppbv
RT: 6.372 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VL039702.D
Acq: 10 Oct 2022 19:37

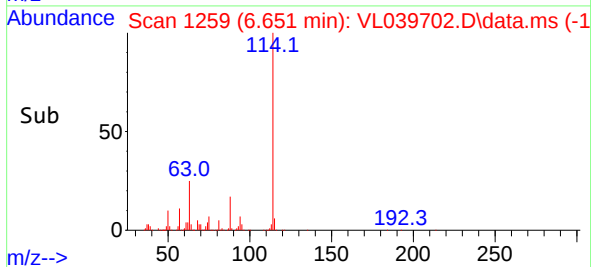
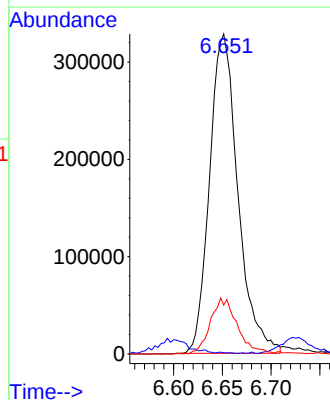
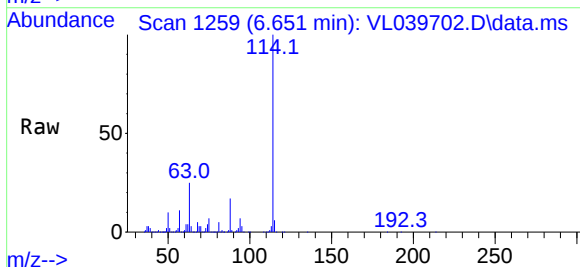
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

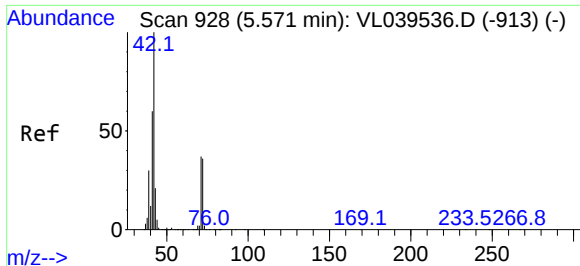
Tgt Ion: 78 Resp: 358983
Ion Ratio Lower Upper
78 100
77 20.7 20.3 30.5
50 16.9 15.5 23.3



#39
1,2-Dichloropropane
Concen: 8.327 ppbv
RT: 6.651 min Scan# 1259
Delta R.T. -0.430 min
Lab File: VL039702.D
Acq: 10 Oct 2022 19:37

Tgt Ion: 63 Resp: 664583
Ion Ratio Lower Upper
63 100
41 0.0 59.6 89.4#
62 15.2 51.4 77.0#



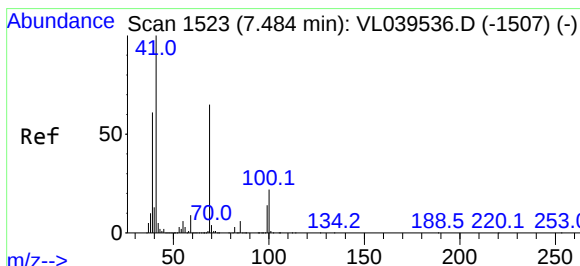
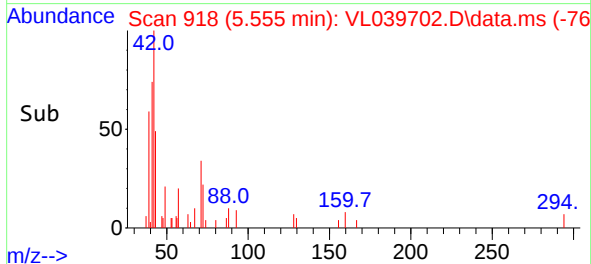
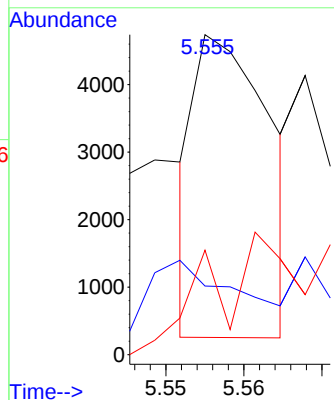
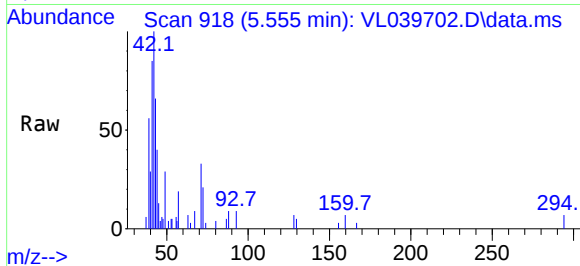


#41
Tetrahydrofuran
Concen: 0.036 ppbv
RT: 5.555 min Scan# 91
Delta R.T. -0.016 min
Lab File: VL039702.D
Acq: 10 Oct 2022 19:37

Instrument :
MSVOA_L
ClientSampleId :
SVP-03

Tgt Ion: 42 Resp: 2965

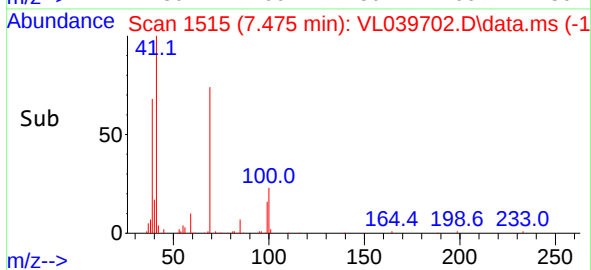
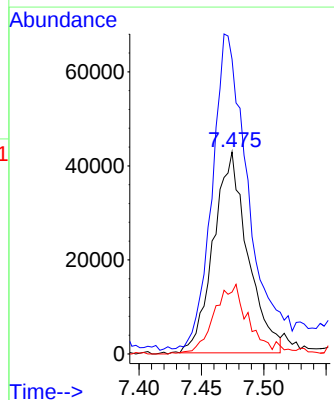
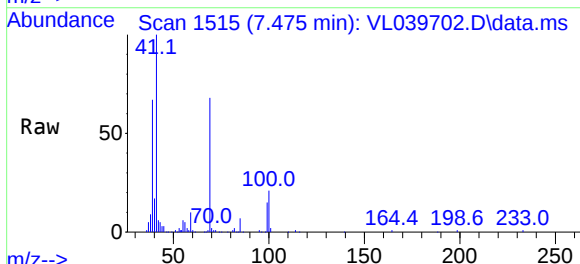
Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.8	47.8#
71	81.5	31.8	47.8#

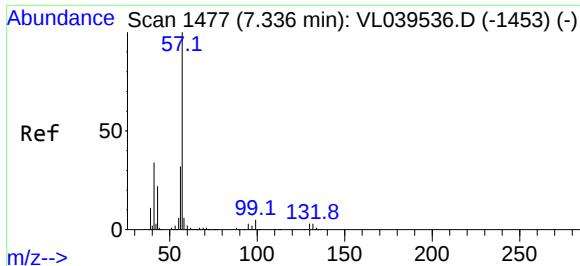


#43
Methyl Methacrylate
Concen: 1.083 ppbv
RT: 7.475 min Scan# 1515
Delta R.T. -0.009 min
Lab File: VL039702.D
Acq: 10 Oct 2022 19:37

Tgt Ion: 69 Resp: 81615

Ion	Ratio	Lower	Upper
69	100		
41	177.1	120.8	181.2
100	36.5	27.8	41.6





#44

2,2,4-Trimethylpentane

Concen: 0.808 ppbv

RT: 7.323 min Scan# 14

Delta R.T. -0.012 min

Lab File: VL039702.D

Acq: 10 Oct 2022 19:37

Instrument :

MSVOA_L

ClientSampleId :

SVP-03

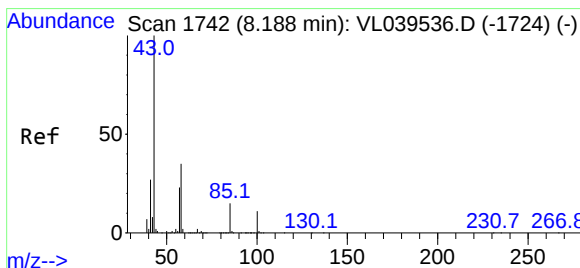
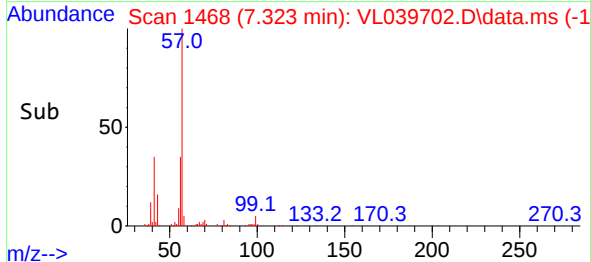
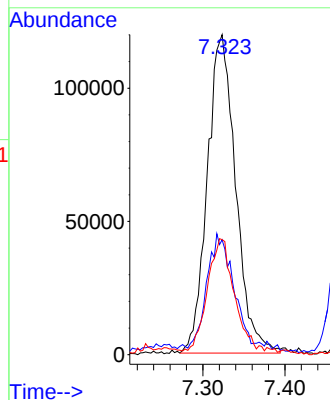
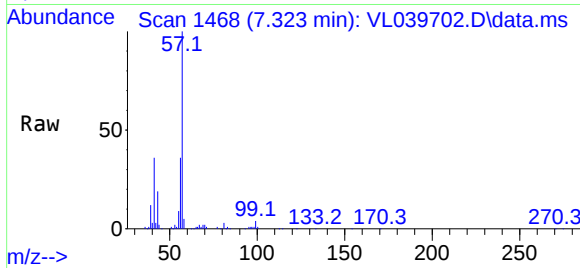
Tgt Ion: 57 Resp: 287876

Ion Ratio Lower Upper

57 100

41 40.6 27.4 41.2

56 38.2 24.5 36.7#



#50

4-Methyl-2-Pentanone

Concen: 0.039 ppbv

RT: 8.185 min Scan# 1736

Delta R.T. -0.003 min

Lab File: VL039702.D

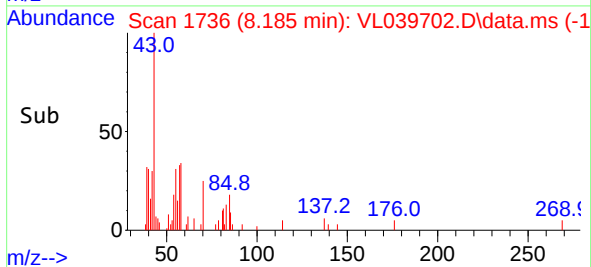
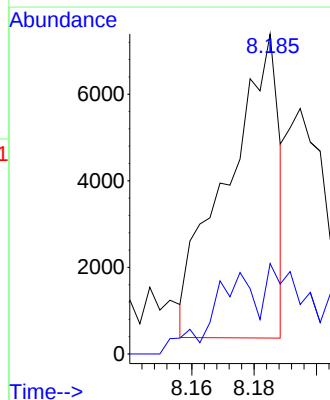
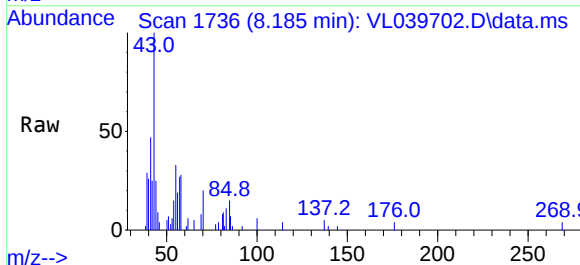
Acq: 10 Oct 2022 19:37

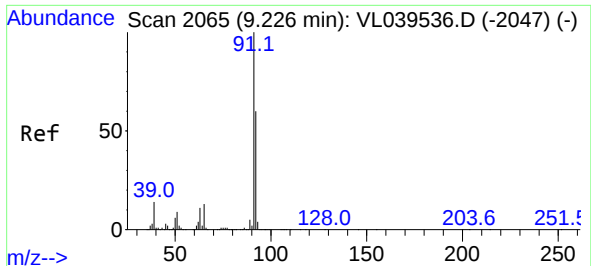
Tgt Ion: 43 Resp: 8113

Ion Ratio Lower Upper

43 100

58 73.2 28.8 43.2#





#53

Toluene

Concen: 2.278 ppbv

RT: 9.211 min Scan# 2065

Delta R.T. -0.016 min

Lab File: VL039702.D

Acq: 10 Oct 2022 19:37

Instrument :

MSVOA_L

ClientSampleId :

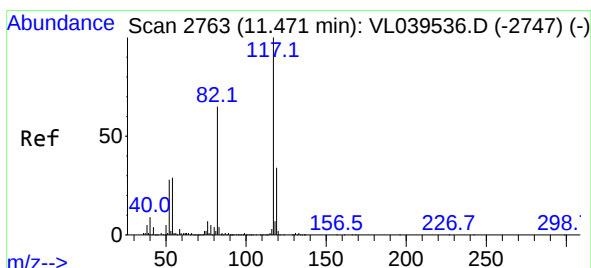
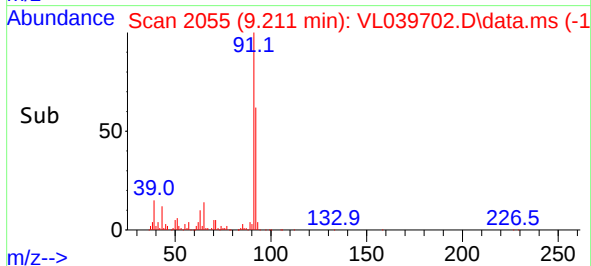
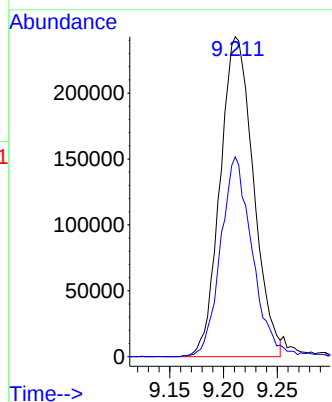
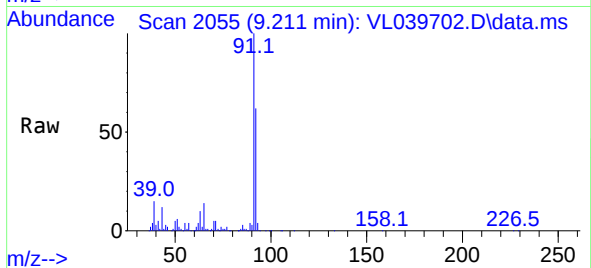
SVP-03

Tgt Ion: 91 Resp: 523740

Ion Ratio Lower Upper

91 100

92 60.1 48.2 72.2



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.455 min Scan# 2753

Delta R.T. -0.016 min

Lab File: VL039702.D

Acq: 10 Oct 2022 19:37

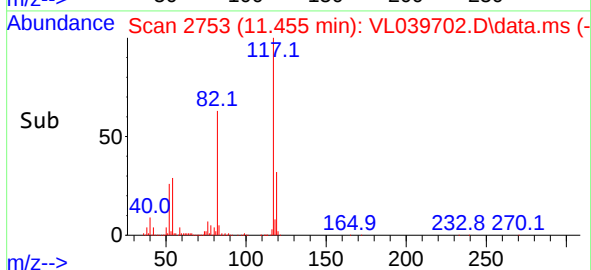
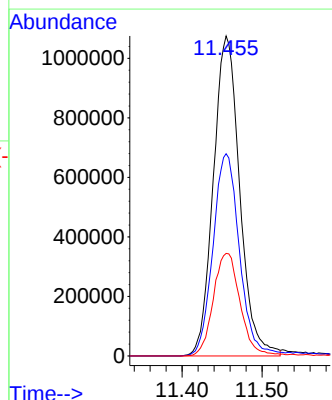
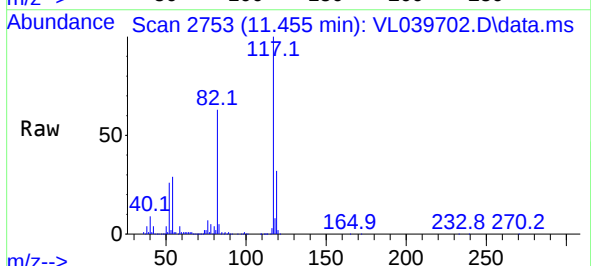
Tgt Ion: 117 Resp: 2462269

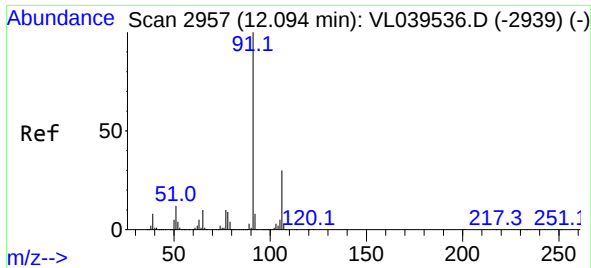
Ion Ratio Lower Upper

117 100

82 65.0 50.8 76.2

119 33.4 24.1 36.1

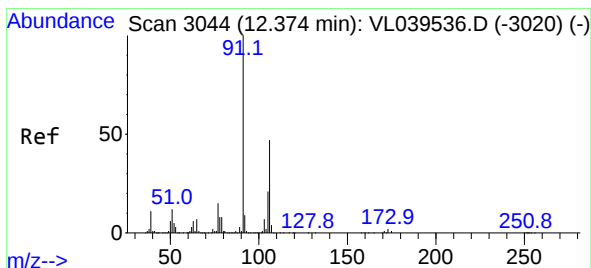
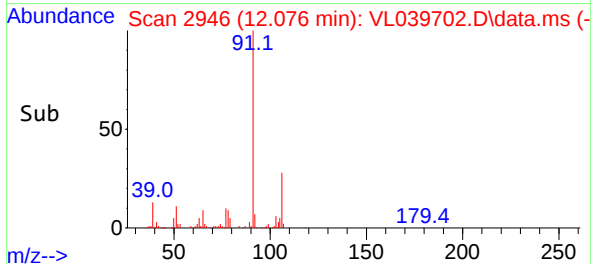
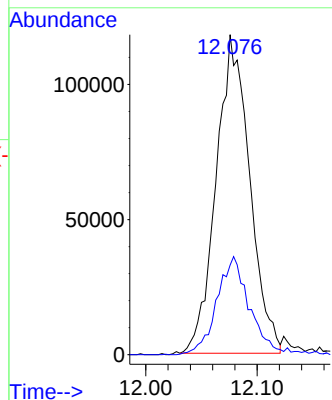
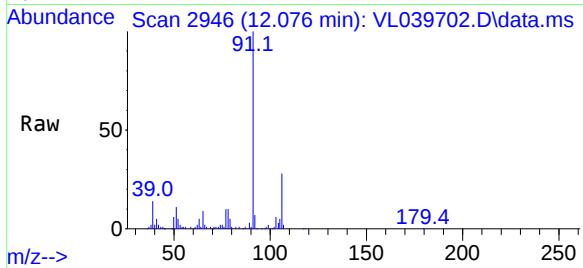




#58
Ethyl Benzene
Concen: 0.868 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. -0.019 min
Lab File: VL039702.D
Acq: 10 Oct 2022 19:37

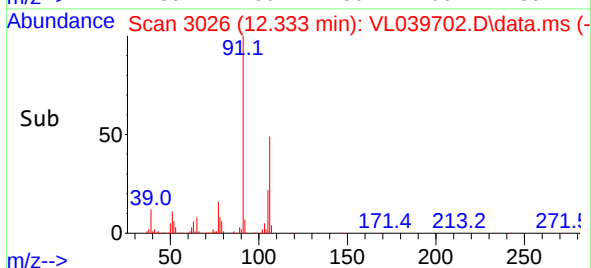
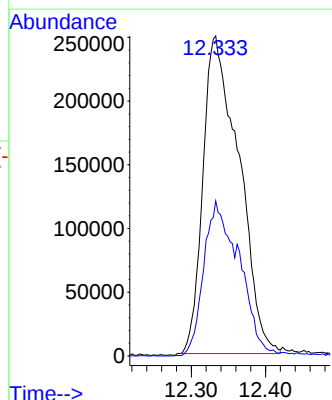
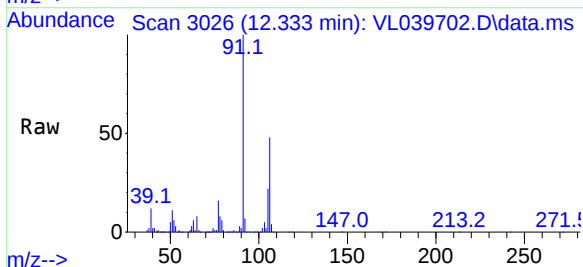
Instrument : MSVOA_L
ClientSampleId : SVP-03

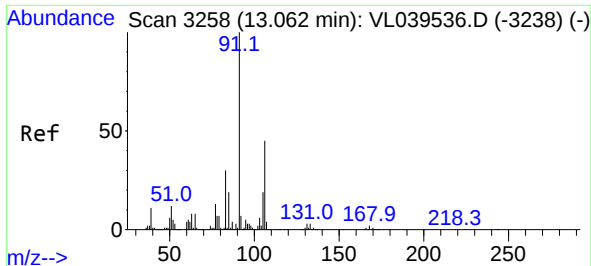
Tgt Ion: 91 Resp: 246543
Ion Ratio Lower Upper
91 100
106 28.0 25.4 38.0



#59
m/p-Xylene
Concen: 3.305 ppbv
RT: 12.333 min Scan# 3026
Delta R.T. -0.041 min
Lab File: VL039702.D
Acq: 10 Oct 2022 19:37

Tgt Ion: 91 Resp: 834940
Ion Ratio Lower Upper
91 100
106 49.1 35.4 53.2

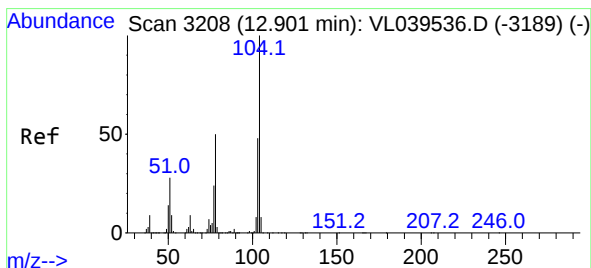
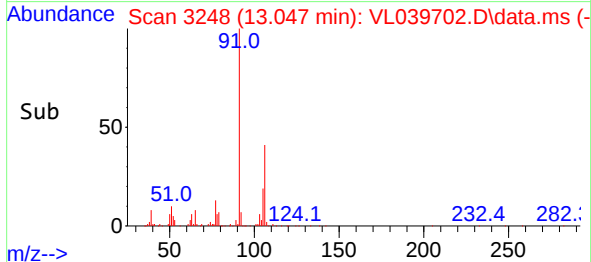
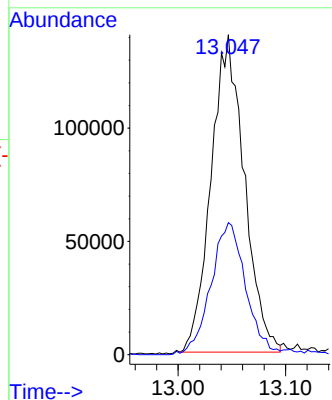
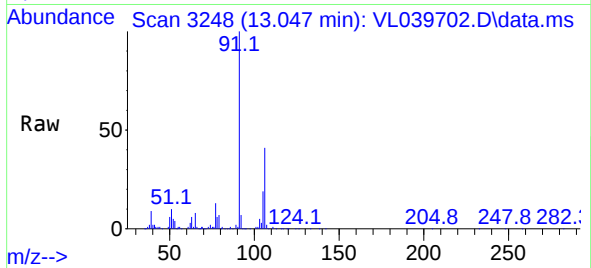




#60
o-Xylene
Concen: 1.247 ppbv
RT: 13.047 min Scan# 3198
Delta R.T. -0.016 min
Lab File: VL039702.D
Acq: 10 Oct 2022 19:37

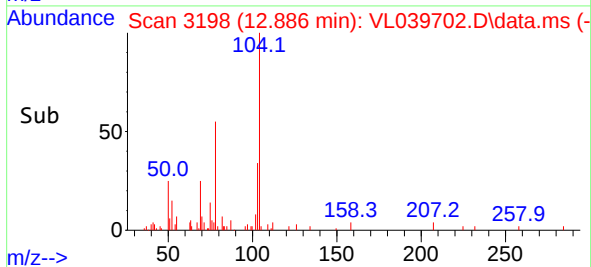
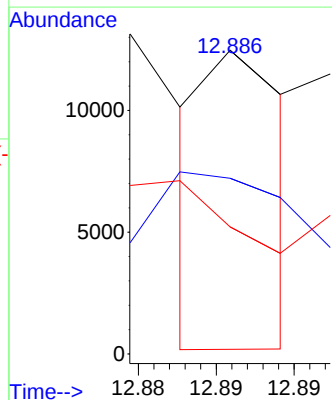
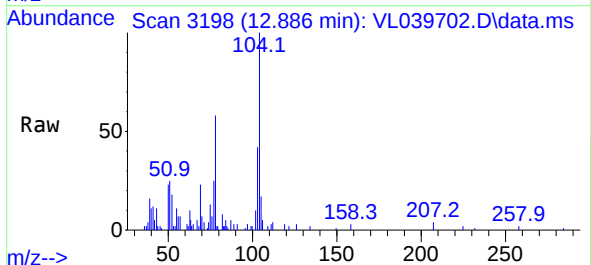
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

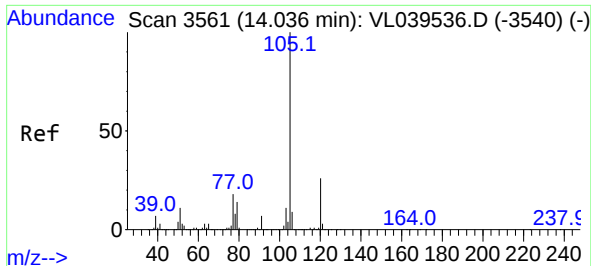
Tgt Ion: 91 Resp: 300805
Ion Ratio Lower Upper
91 100
106 44.9 22.4 67.3



#61
Styrene
Concen: 0.034 ppbv
RT: 12.886 min Scan# 3198
Delta R.T. -0.016 min
Lab File: VL039702.D
Acq: 10 Oct 2022 19:37

Tgt Ion: 104 Resp: 4388
Ion Ratio Lower Upper
104 100
78 0.0 41.2 61.8#
103 0.0 38.7 58.1#

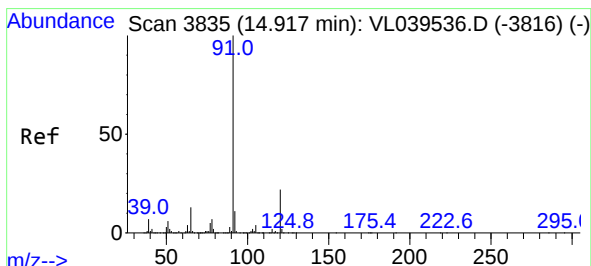
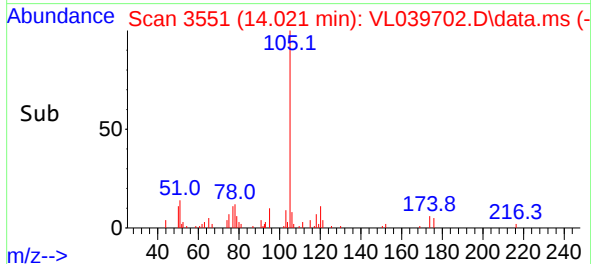
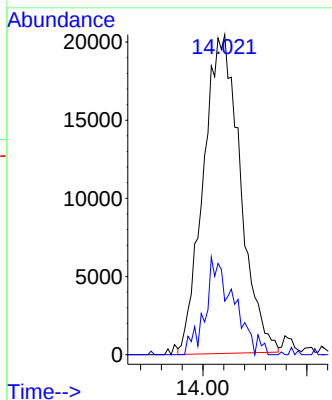
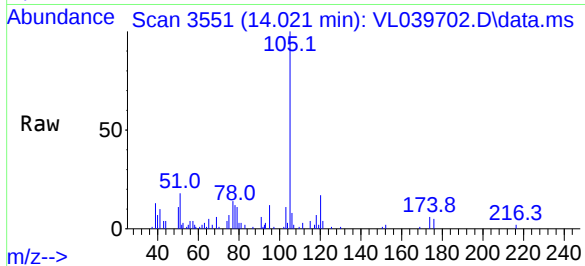




#62
Isopropylbenzene
Concen: 0.139 ppbv
RT: 14.021 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL039702.D
Acq: 10 Oct 2022 19:37

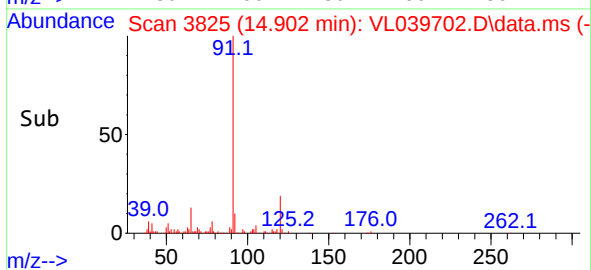
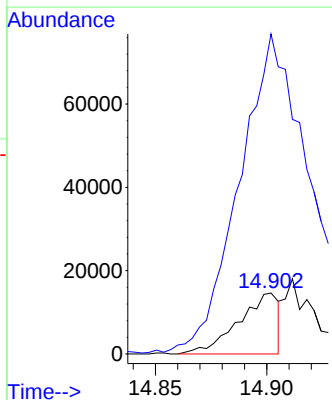
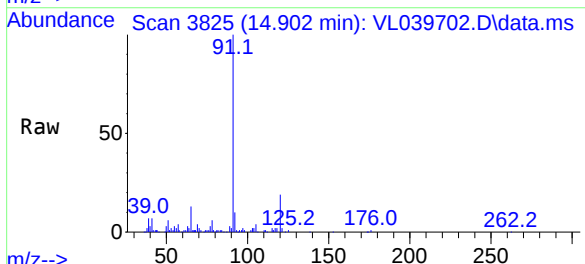
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

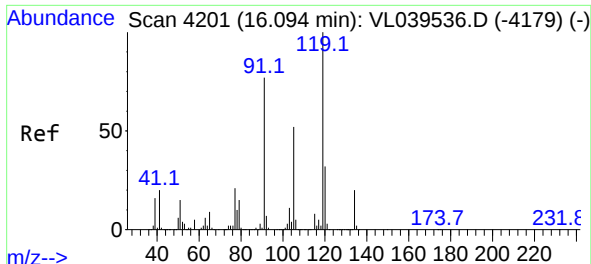
Tgt Ion:105 Resp: 50341
Ion Ratio Lower Upper
105 100
120 23.8 20.7 31.1



#64
n-propylbenzene
Concen: 0.198 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. -0.016 min
Lab File: VL039702.D
Acq: 10 Oct 2022 19:37

Tgt Ion:120 Resp: 18365
Ion Ratio Lower Upper
120 100
91 960.9 367.2 550.8#

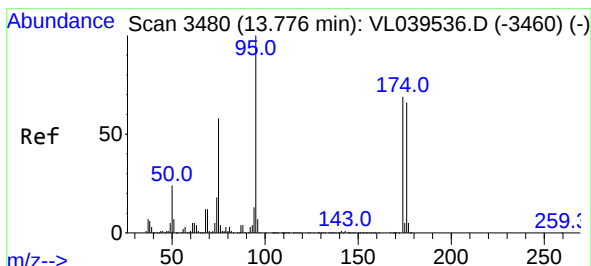
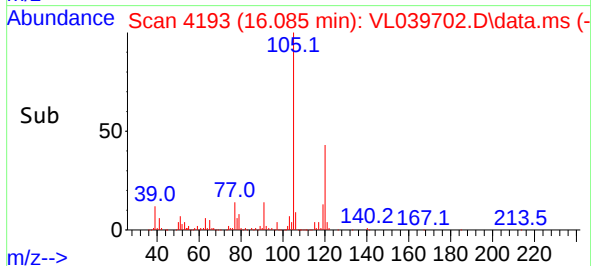
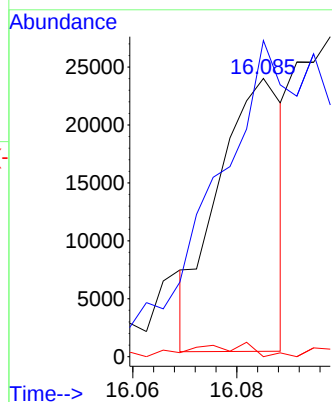
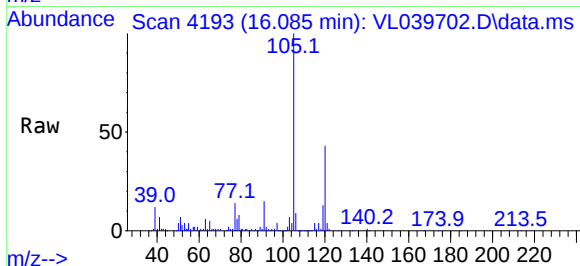




#65
tert-Butylbenzene
Concen: 0.063 ppbv
RT: 16.085 min Scan# 4179
Delta R.T. -0.009 min
Lab File: VL039702.D
Acq: 10 Oct 2022 19:37

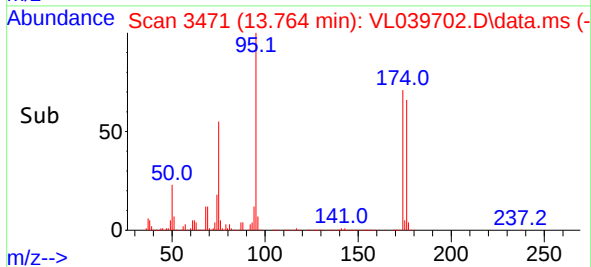
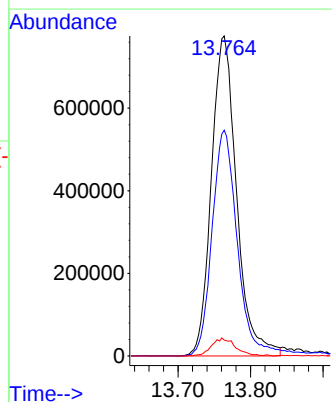
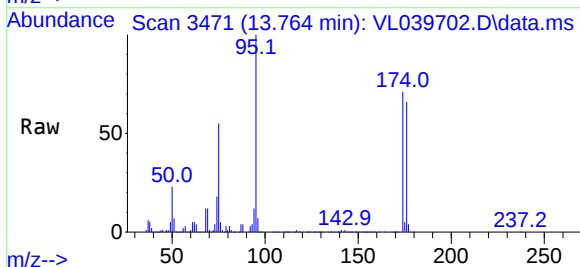
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

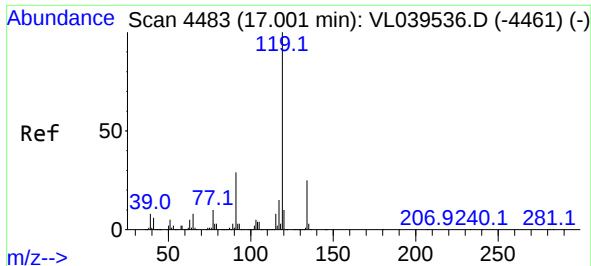
Tgt Ion:119 Resp: 20239
Ion Ratio Lower Upper
119 100
91 296.5 63.4 95.2#
134 9.7 15.9 23.9#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.196 ppbv
RT: 13.764 min Scan# 3471
Delta R.T. -0.012 min
Lab File: VL039702.D
Acq: 10 Oct 2022 19:37

Tgt Ion: 95 Resp: 1874019
Ion Ratio Lower Upper
95 100
174 72.8 55.9 83.9
175 5.4 4.2 6.4





#69

p-Isopropyltoluene

Concen: 0.172 ppbv

RT: 16.982 min Scan# 4483

Delta R.T. -0.019 min

Lab File: VL039702.D

Acq: 10 Oct 2022 19:37

Instrument :

MSVOA_L

ClientSampleId :

SVP-03

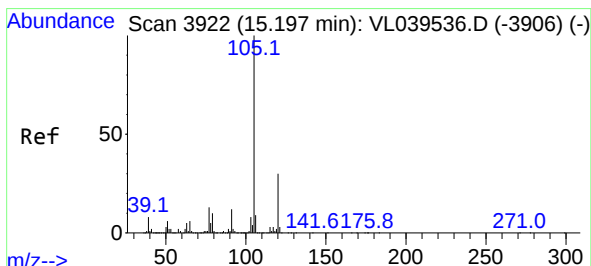
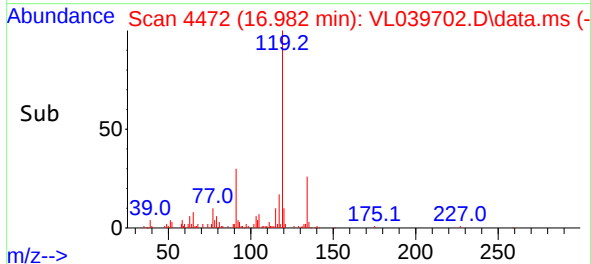
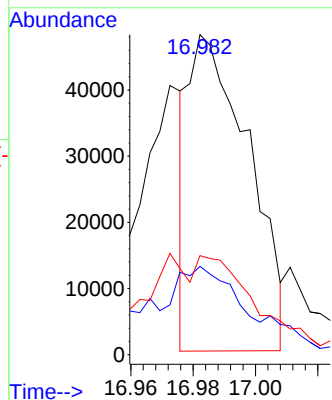
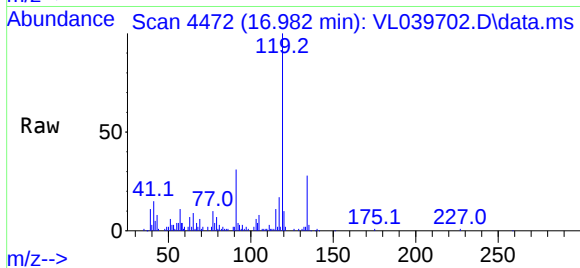
Tgt Ion:119 Resp: 63769

Ion Ratio Lower Upper

119 100

134 50.0 20.3 30.5#

91 0.0 22.9 34.3#



#72

4-Ethyltoluene

Concen: 0.708 ppbv

RT: 15.185 min Scan# 3913

Delta R.T. -0.012 min

Lab File: VL039702.D

Acq: 10 Oct 2022 19:37

Tgt Ion:105 Resp: 194972

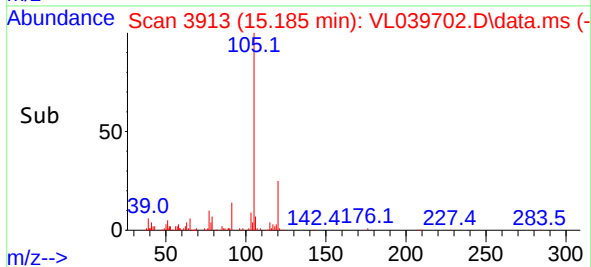
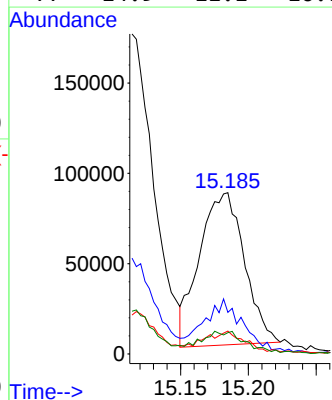
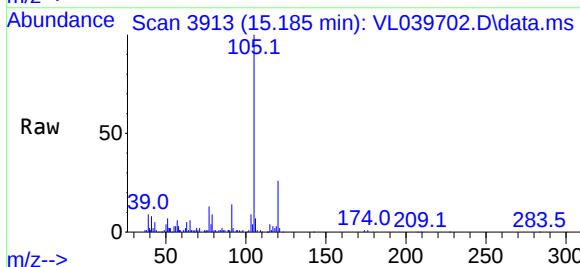
Ion Ratio Lower Upper

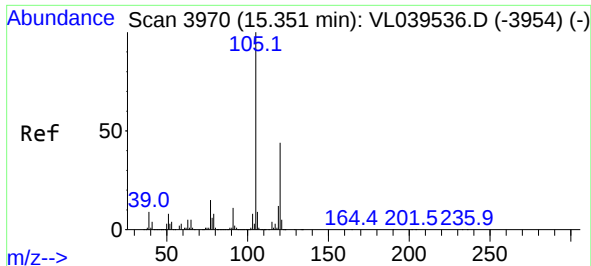
105 100

120 34.7 24.2 36.2

91 14.8 10.2 15.4

77 14.9 11.1 16.7

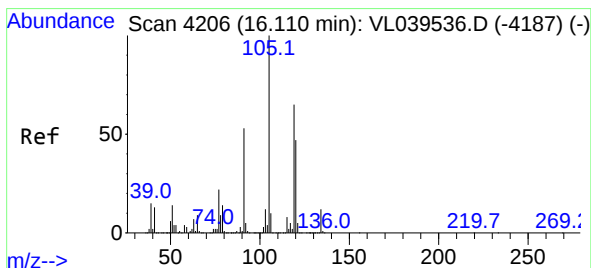
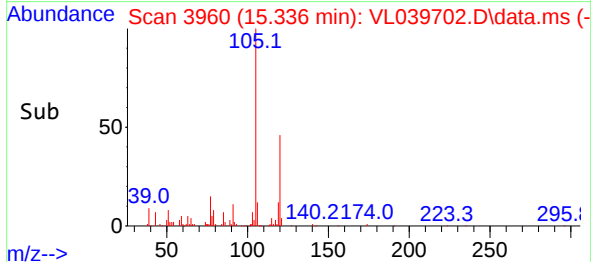
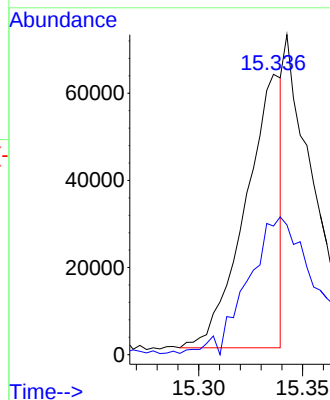
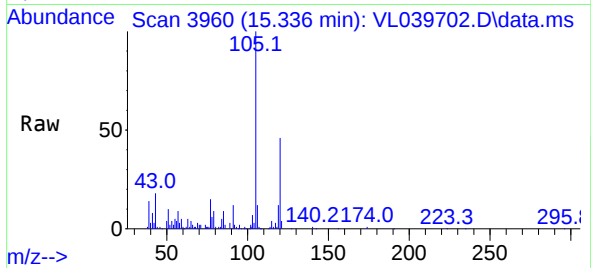




#73
 1,3,5-Trimethylbenzene
 Concen: 0.303 ppbv
 RT: 15.336 min Scan# 3970
 Delta R.T. -0.016 min
 Lab File: VL039702.D
 Acq: 10 Oct 2022 19:37

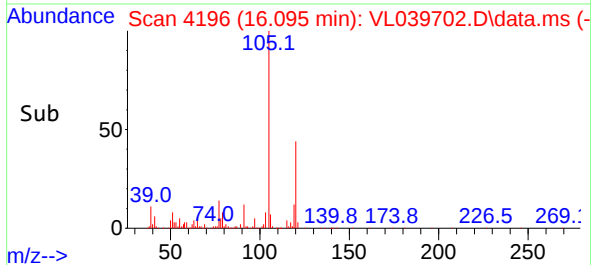
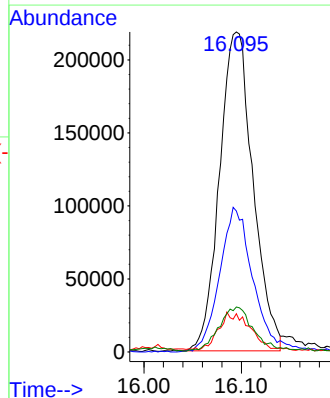
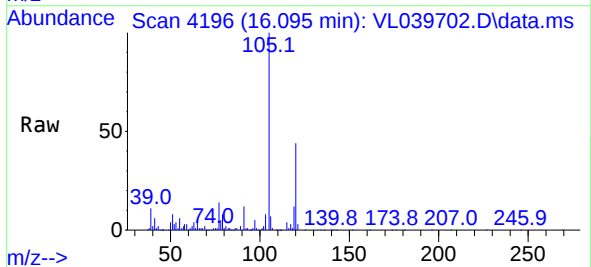
Instrument : MSVOA_L
 ClientSampleId : SVP-03

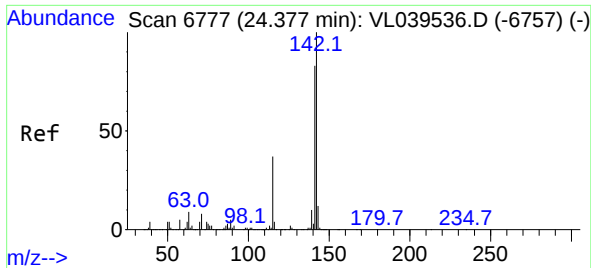
Tgt Ion:105 Resp: 76440
 Ion Ratio Lower Upper
 105 100
 120 46.6 38.2 57.4



#74
 1,2,4-Trimethylbenzene
 Concen: 1.846 ppbv
 RT: 16.095 min Scan# 4196
 Delta R.T. -0.016 min
 Lab File: VL039702.D
 Acq: 10 Oct 2022 19:37

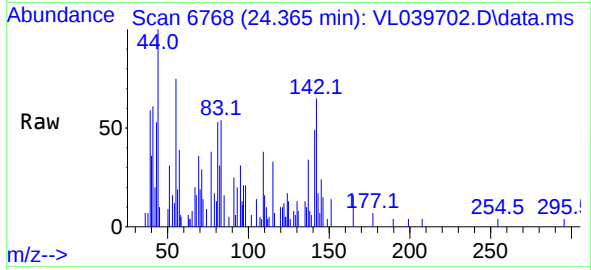
Tgt Ion:105 Resp: 521536
 Ion Ratio Lower Upper
 105 100
 120 44.1 39.5 59.3
 91 11.0 39.2 58.8#
 77 13.6 17.2 25.8#





#80
Naphthalene, 2-methyl-
Concen: 0.080 ppbv
RT: 24.365 min Scan# 61
Delta R.T. -0.012 min
Lab File: VL039702.D
Acq: 10 Oct 2022 19:37

Instrument :
MSVOA_L
ClientSampleId :
SVP-03



Tgt Ion:	142	Resp:	5634
Ion	Ratio	Lower	Upper
142	100		
141	80.0	68.9	103.3
115	55.6	30.0	45.0

