

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061523\
 Data File : VL040474.D
 Acq On : 15 Jun 2023 19:38
 Operator : SY/MD
 Sample : 03250-03 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-03

Quant Time: Jun 16 05:39:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jun 06 06:22:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	1111950	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.664	114	3018615	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.487	117	2751038	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.799	95	3194976	14.071	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	140.700%#

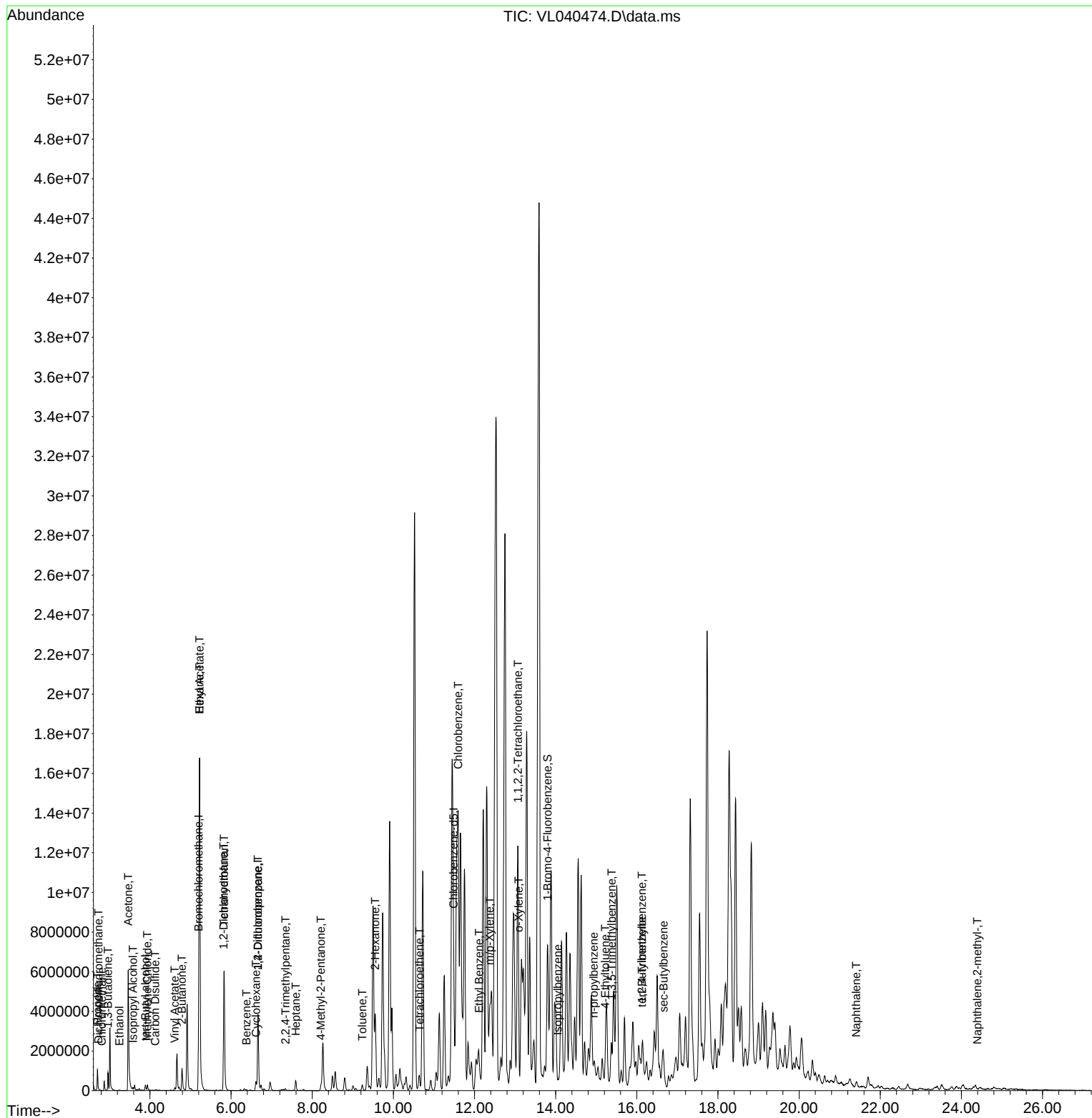
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.732	85	24377	0.101	ppbv	94
4) Chloromethane	2.812	50	4014	0.057	ppbv	90
9) Propene	2.706	41	218112	3.884	ppbv #	66
10) Heptane	7.593	43	124097	0.976	ppbv #	43
13) Ethanol	3.246	45	16933	1.456	ppbv #	34
15) Acetone	3.465	43	6198886	46.220	ppbv #	87
16) 1,3-Butadiene	2.967	39	220016	3.370	ppbv #	13
17) tert-Butyl alcohol	3.886	59	224762	2.039	ppbv	98
19) Isopropyl Alcohol	3.581	45	105979	1.639	ppbv #	90
20) Methylene Chloride	3.938	84	81037	1.416	ppbv	97
23) Vinyl Acetate	4.613	43	77000	0.588	ppbv #	7
25) Ethyl Acetate	5.224	43	5213910	21.454	ppbv #	76
26) Hexane	5.221	57	7595507	66.003	ppbv #	41
27) Carbon Disulfide	4.131	76	19838	0.138	ppbv #	41
30) Cyclohexane	6.616	84	161910	1.746	ppbv	96
34) 2-Butanone	4.790	43	1338541	9.196	ppbv	98
36) Benzene	6.378	78	13740	0.057	ppbv #	89
37) 1,2-Dichloroethane	5.819	62	5151	0.033	ppbv #	83
39) 1,2-Dichloropropane	6.664	63	725646	7.840	ppbv #	22
41) Tetrahydrofuran	5.828	42	821076	10.320	ppbv #	34
44) 2,2,4-Trimethylpentane	7.339	57	46614	0.119	ppbv #	43
50) 4-Methyl-2-Pentanone	8.214	43	26405	0.135	ppbv #	37
51) 2-Hexanone	9.555	43	2461750	18.189	ppbv #	44
52) Tetrachloroethene	10.645	164	4891	0.065	ppbv #	68
53) Toluene	9.233	91	128735	0.509	ppbv	97
57) Chlorobenzene	11.597	112	2049908	9.858	ppbv #	30
58) Ethyl Benzene	12.114	91	185565	0.557	ppbv	93
59) m/p-Xylene	12.371	91	357676	1.168	ppbv #	30
60) o-Xylene	13.088	91	357709	1.231	ppbv	91
62) Isopropylbenzene	14.050	105	77755	0.180	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.069	83	428094	2.275	ppbv #	51
64) n-propylbenzene	14.940	120	37174	0.339	ppbv #	1
65) tert-Butylbenzene	16.124	119	34158	0.092	ppbv #	1
67) sec-Butylbenzene	16.661	105	37923	0.070	ppbv	95
72) 4-Ethyltoluene	15.220	105	282130	0.862	ppbv #	94
73) 1,3,5-Trimethylbenzene	15.378	105	347756	1.202	ppbv	98
74) 1,2,4-Trimethylbenzene	16.127	105	723787	2.127	ppbv #	69
79) Naphthalene	21.410	128	18630	0.095	ppbv	96
80) Naphthalene,2-methyl-	24.393	142	5308	0.090	ppbv #	53

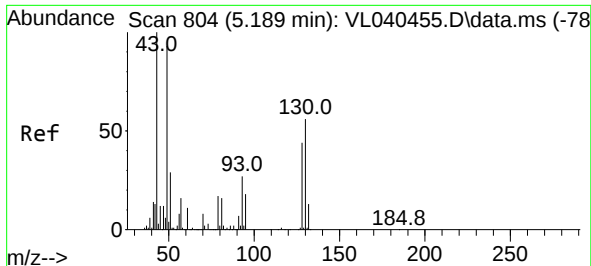
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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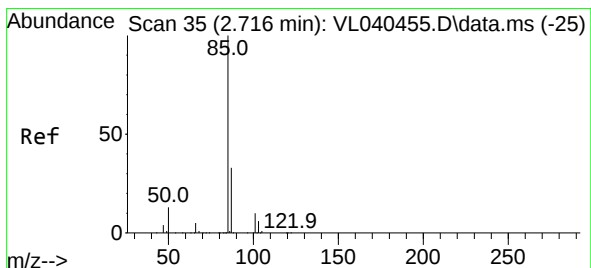
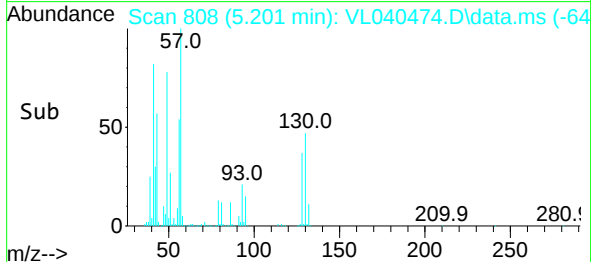
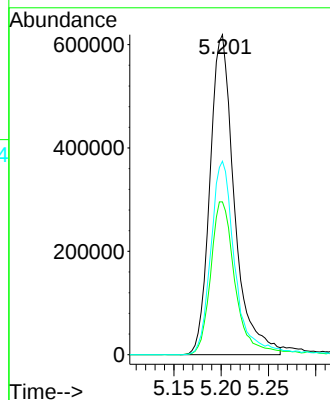
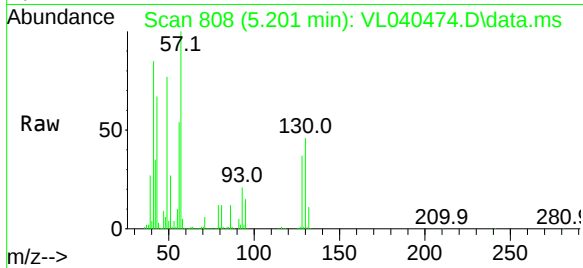




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. 0.012 min
Lab File: VL040474.D
Acq: 15 Jun 2023 19:38

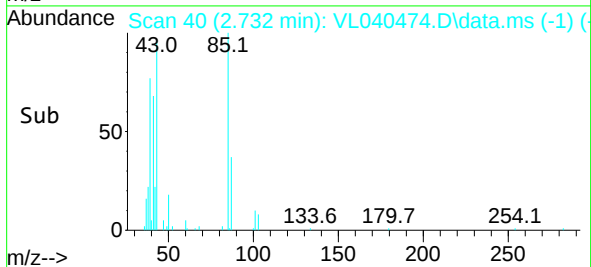
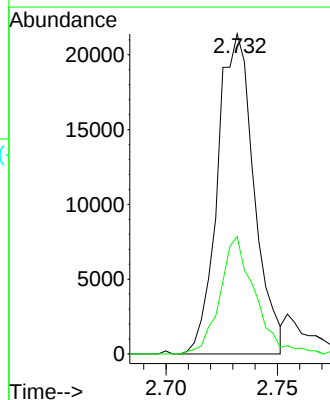
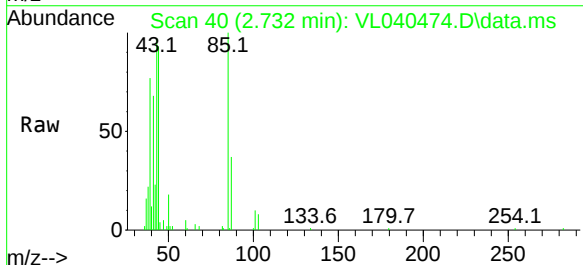
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

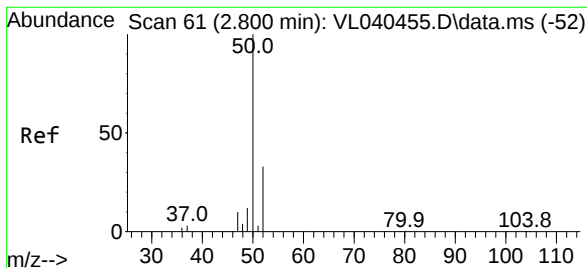
Tgt Ion: 49 Resp: 1111950
Ion Ratio Lower Upper
49 100
128 48.8 24.7 74.1
130 61.2 31.4 94.2



#2
Dichlorodifluoromethane
Concen: 0.101 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.016 min
Lab File: VL040474.D
Acq: 15 Jun 2023 19:38

Tgt Ion: 85 Resp: 24377
Ion Ratio Lower Upper
85 100
87 36.7 26.6 39.8





#4

Chloromethane

Concen: 0.057 ppbv

RT: 2.812 min Scan# 61

Delta R.T. 0.013 min

Lab File: VL040474.D

Acq: 15 Jun 2023 19:38

Instrument :

MSVOA_L

ClientSampleId :

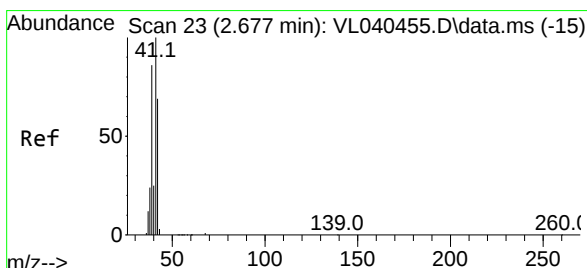
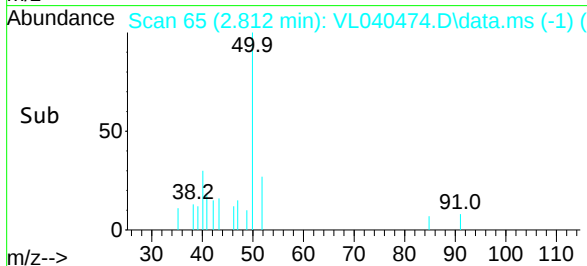
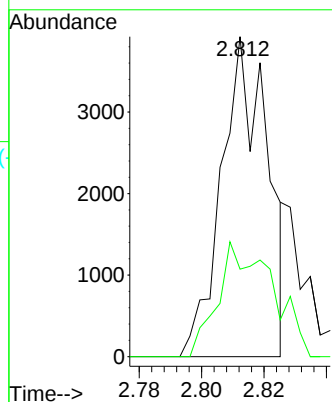
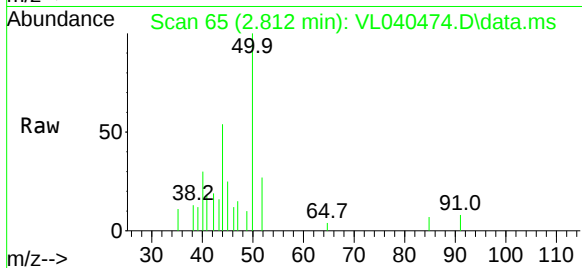
SVP-03

Tgt Ion: 50 Resp: 4014

Ion Ratio Lower Upper

50 100

52 27.3 26.3 39.5



#9

Propene

Concen: 3.884 ppbv

RT: 2.706 min Scan# 32

Delta R.T. 0.029 min

Lab File: VL040474.D

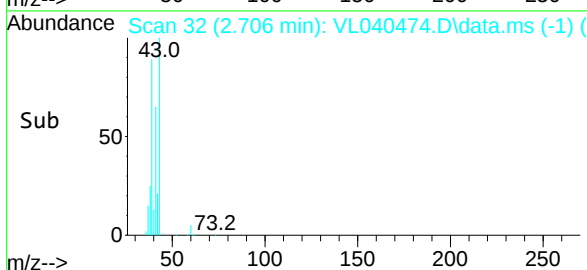
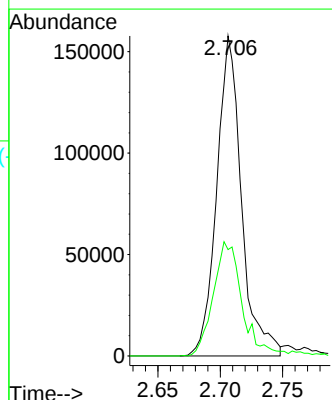
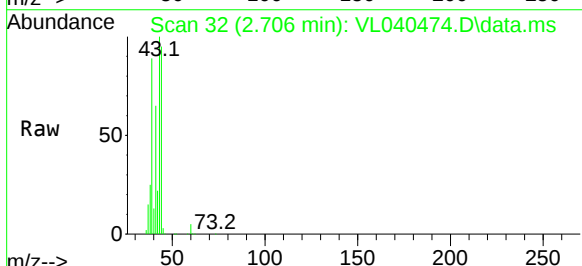
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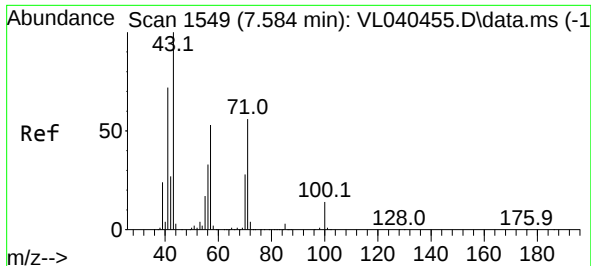
Tgt Ion: 41 Resp: 218112

Ion Ratio Lower Upper

41 100

42 42.6 56.2 84.2#





#10

Heptane

Concen: 0.976 ppbv

RT: 7.593 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL040474.D

Acq: 15 Jun 2023 19:38

Instrument :

MSVOA_L

ClientSampleId :

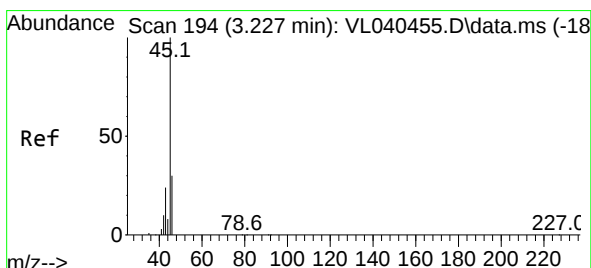
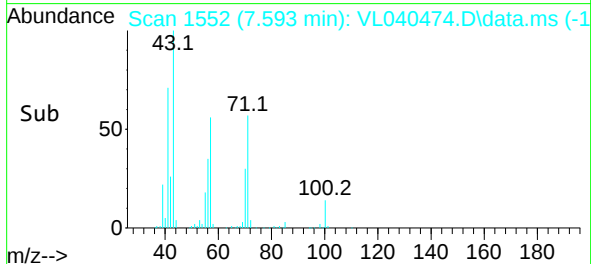
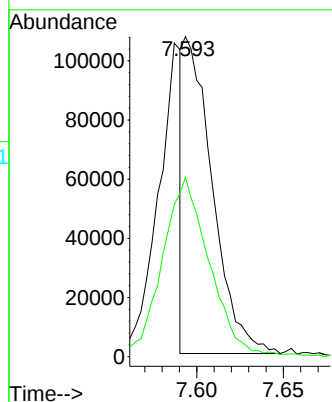
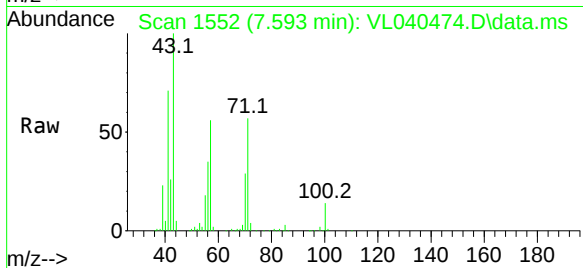
SVP-03

Tgt Ion: 43 Resp: 124097

Ion Ratio Lower Upper

43 100

57 93.3 42.5 63.7#



#13

Ethanol

Concen: 1.456 ppbv

RT: 3.246 min Scan# 200

Delta R.T. 0.019 min

Lab File: VL040474.D

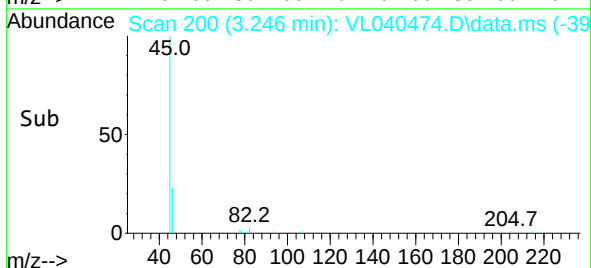
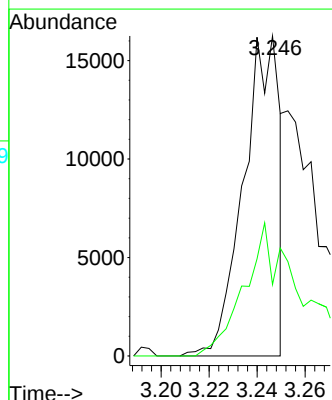
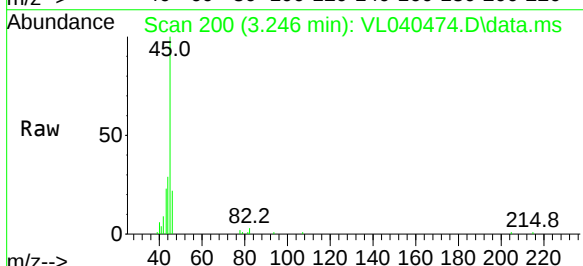
Acq: 15 Jun 2023 19:38

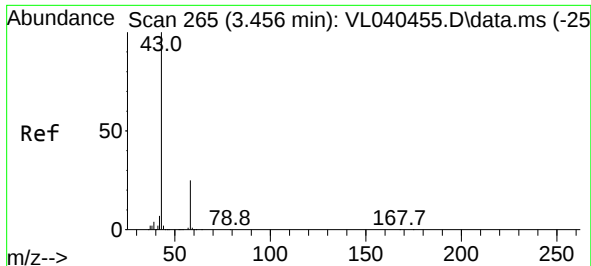
Tgt Ion: 45 Resp: 16933

Ion Ratio Lower Upper

45 100

46 75.1 14.5 58.1#

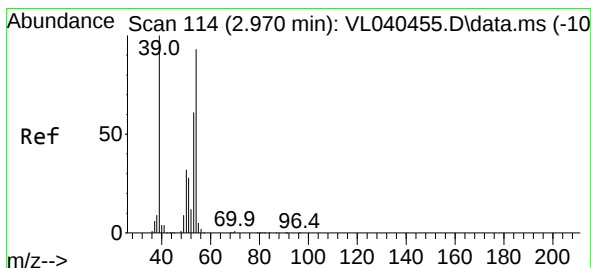
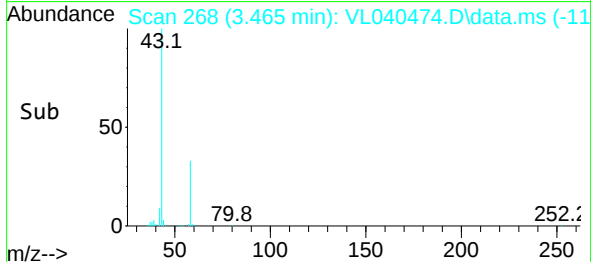
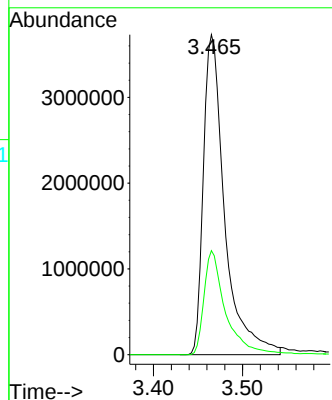
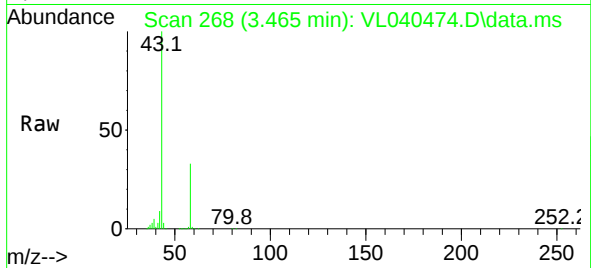




#15
Acetone
Concen: 46.220 ppbv
RT: 3.465 min Scan# 20
Delta R.T. 0.009 min
Lab File: VL040474.D
Acq: 15 Jun 2023 19:38

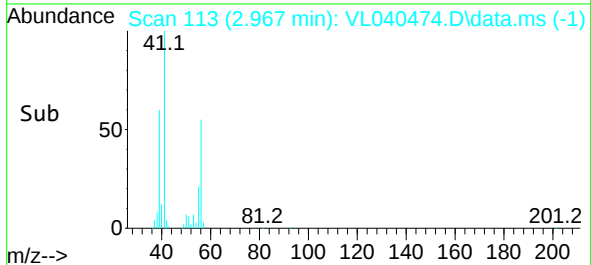
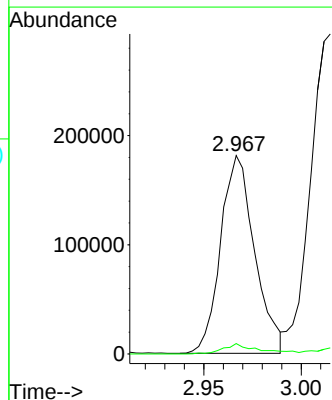
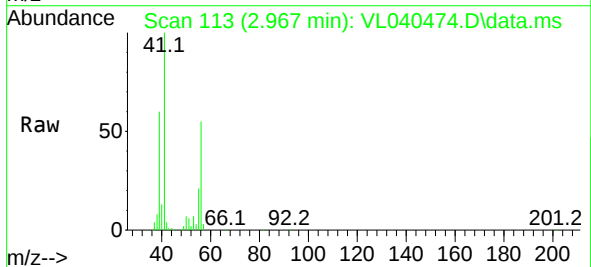
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

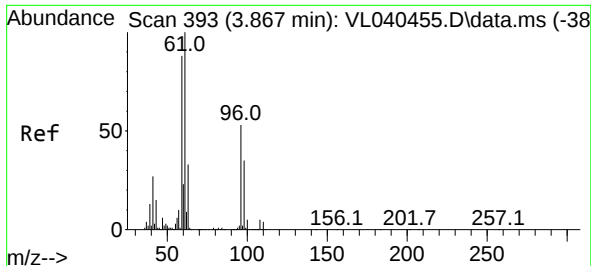
Tgt Ion: 43 Resp: 6198886
Ion Ratio Lower Upper
43 100
58 33.5 21.6 32.4#



#16
1,3-Butadiene
Concen: 3.370 ppbv
RT: 2.967 min Scan# 113
Delta R.T. -0.003 min
Lab File: VL040474.D
Acq: 15 Jun 2023 19:38

Tgt Ion: 39 Resp: 220016
Ion Ratio Lower Upper
39 100
54 5.1 66.9 100.3#





#17

tert-Butyl alcohol

Concen: 2.039 ppbv

RT: 3.886 min Scan# 304

Delta R.T. 0.019 min

Lab File: VL040474.D

Acq: 15 Jun 2023 19:38

Instrument :

MSVOA_L

ClientSampleId :

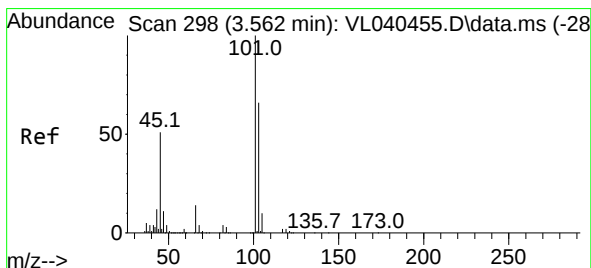
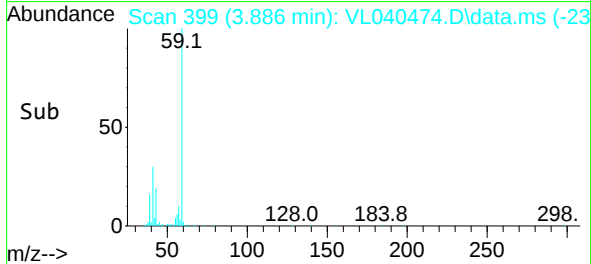
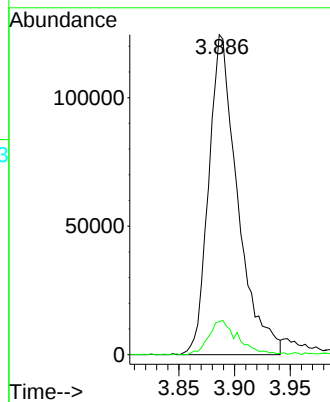
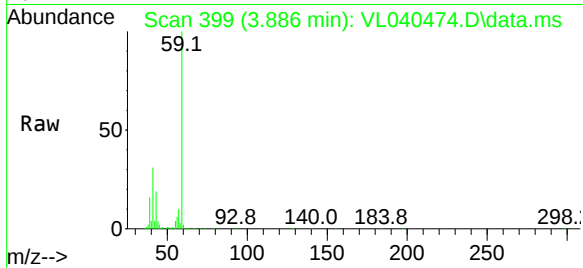
SVP-03

Tgt Ion: 59 Resp: 224762

Ion Ratio Lower Upper

59 100

57 11.6 8.8 13.2



#19

Isopropyl Alcohol

Concen: 1.639 ppbv

RT: 3.581 min Scan# 304

Delta R.T. 0.019 min

Lab File: VL040474.D

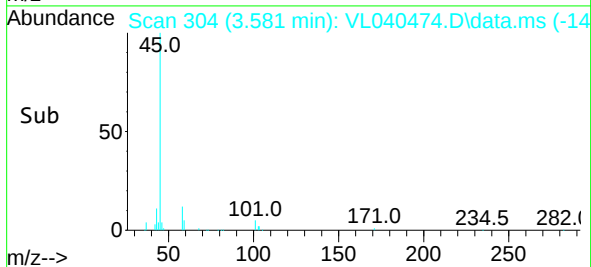
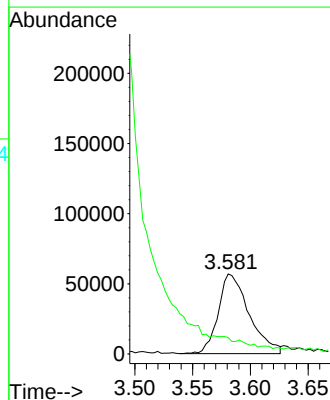
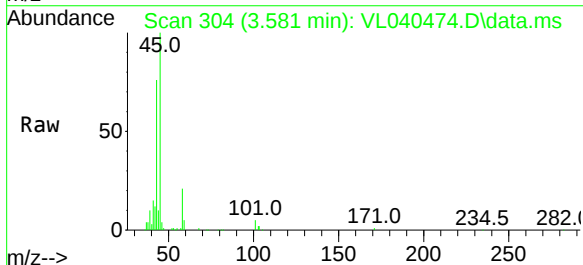
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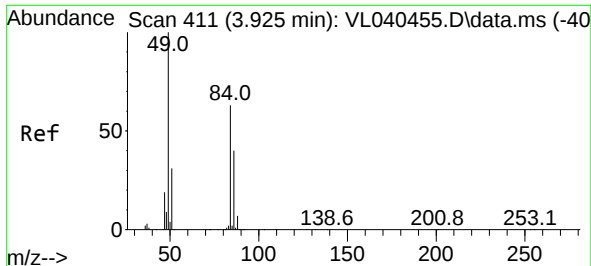
Tgt Ion: 45 Resp: 105979

Ion Ratio Lower Upper

45 100

58 0.0 2.6 4.0#

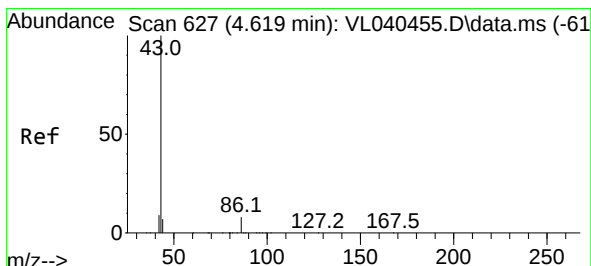
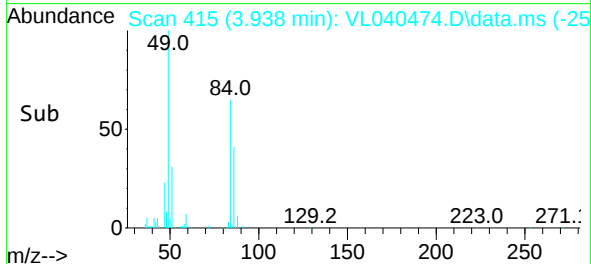
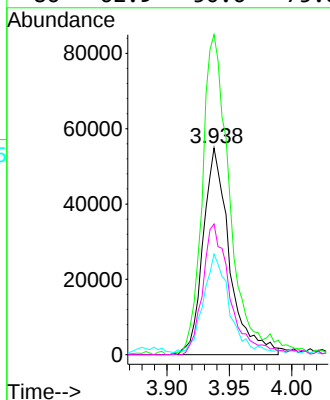
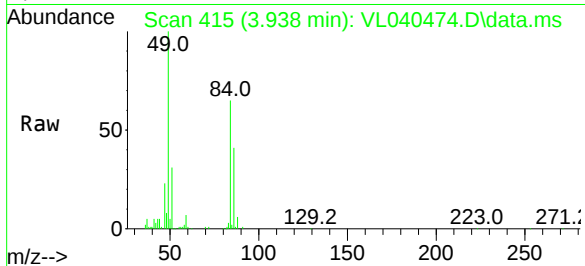




#20
Methylene Chloride
Concen: 1.416 ppbv
RT: 3.938 min Scan# 411
Delta R.T. 0.013 min
Lab File: VL040474.D
Acq: 15 Jun 2023 19:38

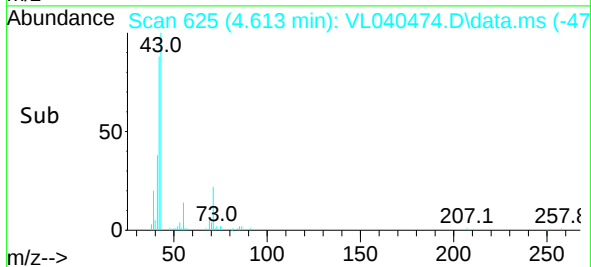
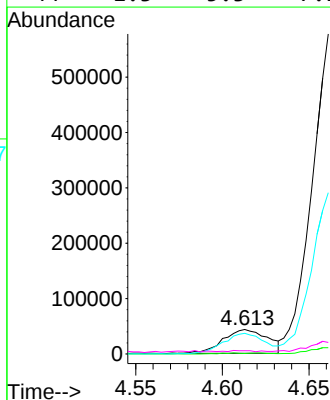
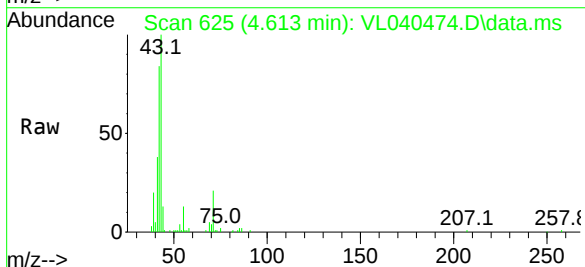
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SVP-03

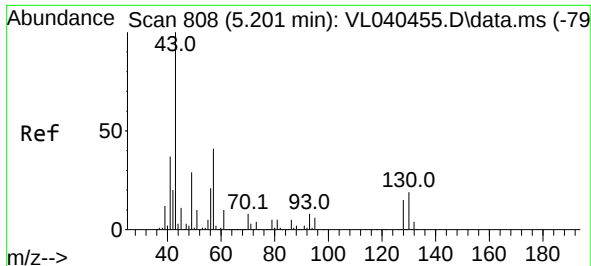
Tgt Ion: 84 Resp: 81037
Ion Ratio Lower Upper
84 100
49 153.5 126.2 189.2
51 46.3 38.7 58.1
86 62.9 50.6 75.8



#23
Vinyl Acetate
Concen: 0.588 ppbv
RT: 4.613 min Scan# 625
Delta R.T. -0.007 min
Lab File: VL040474.D
Acq: 15 Jun 2023 19:38

Tgt Ion: 43 Resp: 77000
Ion Ratio Lower Upper
43 100
86 1.8 5.8 8.6#
42 84.9 7.4 11.2#
44 1.3 5.3 7.9#

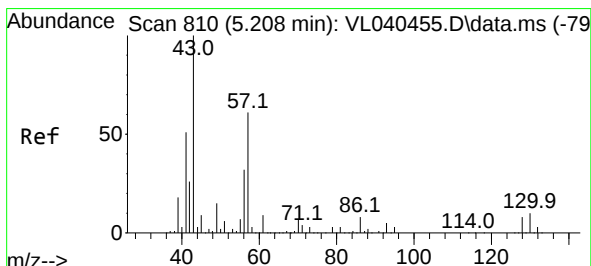
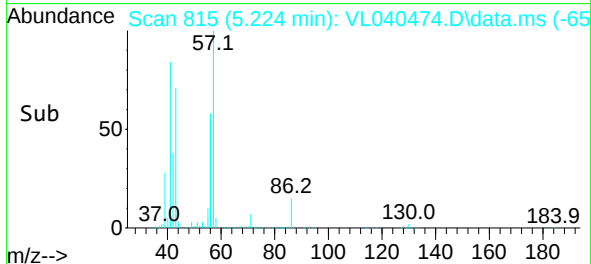
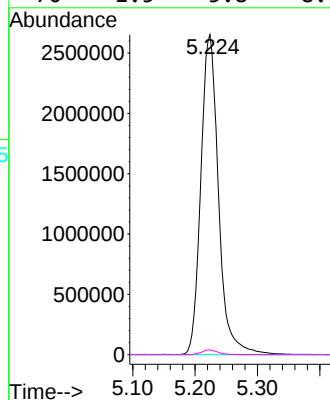
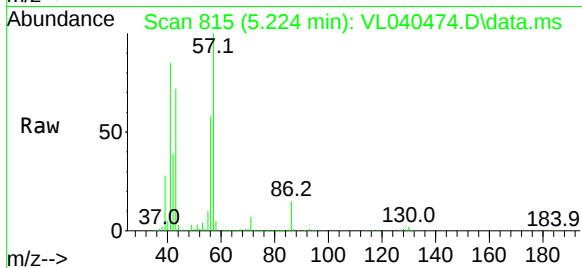




#25
Ethyl Acetate
Concen: 21.454 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.022 min
Lab File: VL040474.D
Acq: 15 Jun 2023 19:38

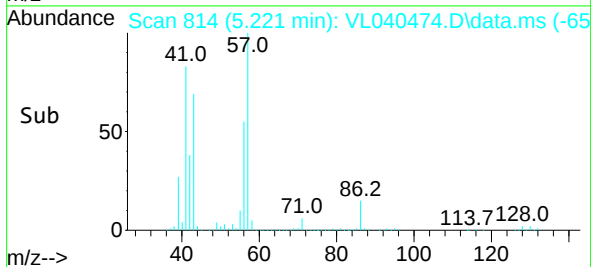
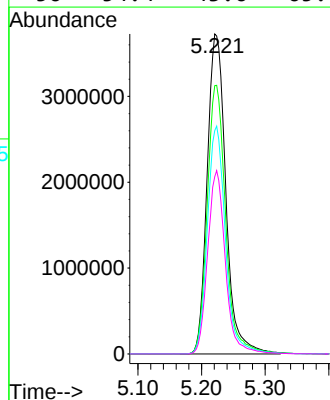
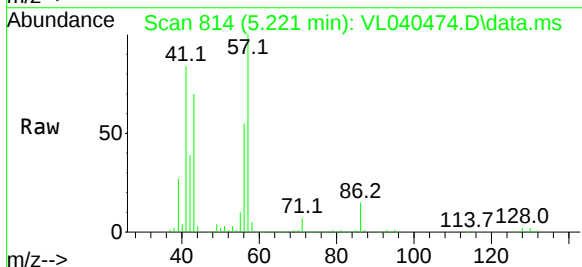
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

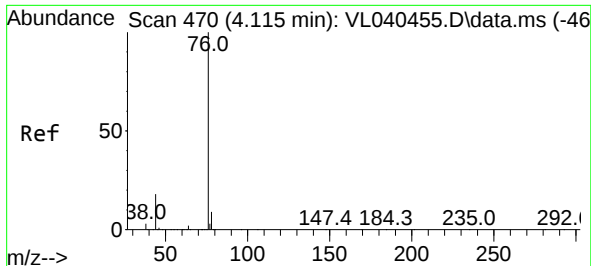
Tgt Ion: 43 Resp: 5213910
Ion Ratio Lower Upper
43 100
45 0.1 8.0 12.0#
61 0.1 8.1 12.1#
70 1.5 5.8 8.6#



#26
Hexane
Concen: 66.003 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.013 min
Lab File: VL040474.D
Acq: 15 Jun 2023 19:38

Tgt Ion: 57 Resp: 7595507
Ion Ratio Lower Upper
57 100
41 83.2 73.0 109.6
43 68.9 177.5 266.3#
56 54.4 43.6 65.4

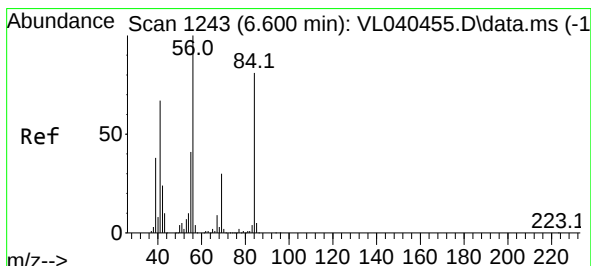
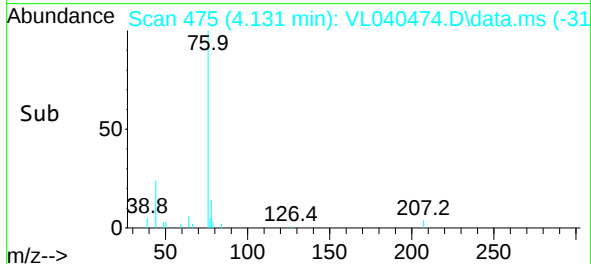
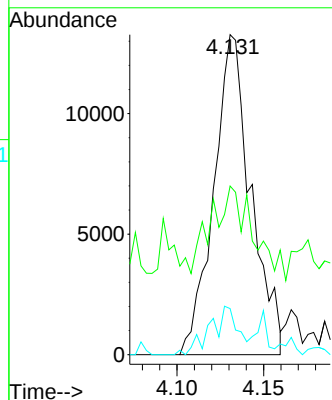
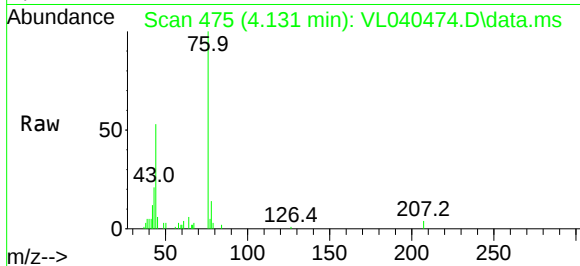




#27
Carbon Disulfide
Concen: 0.138 ppbv
RT: 4.131 min Scan# 41
Delta R.T. 0.016 min
Lab File: VL040474.D
Acq: 15 Jun 2023 19:38

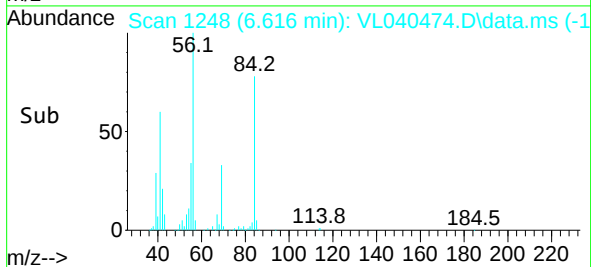
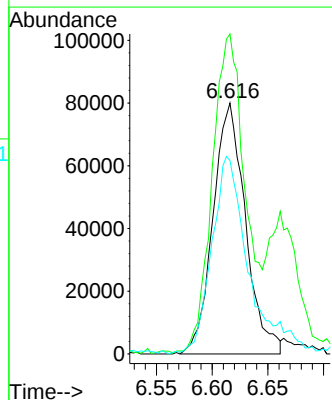
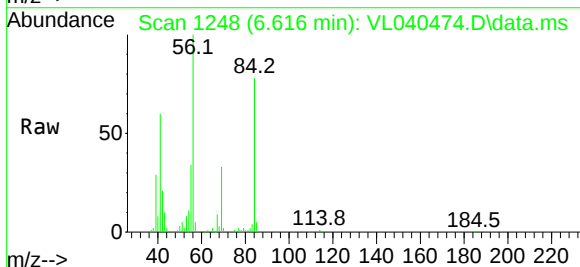
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

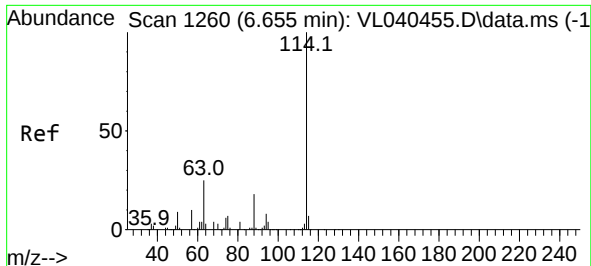
Tgt Ion: 76 Resp: 19838
Ion Ratio Lower Upper
76 100
44 52.7 14.6 22.0#
78 17.8 7.6 11.4#



#30
Cyclohexane
Concen: 1.746 ppbv
RT: 6.616 min Scan# 1248
Delta R.T. 0.016 min
Lab File: VL040474.D
Acq: 15 Jun 2023 19:38

Tgt Ion: 84 Resp: 161910
Ion Ratio Lower Upper
84 100
56 129.7 106.0 159.0
41 89.7 66.8 100.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 1

Delta R.T. 0.010 min

Lab File: VL040474.D

Acq: 15 Jun 2023 19:38

Instrument :

MSVOA_L

ClientSampleId :

SVP-03

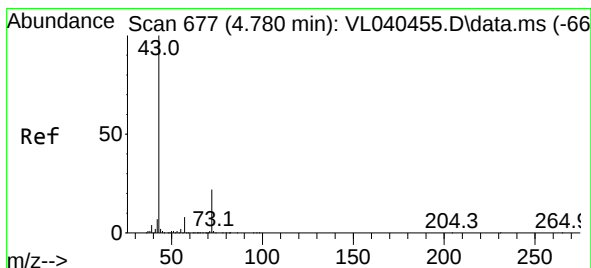
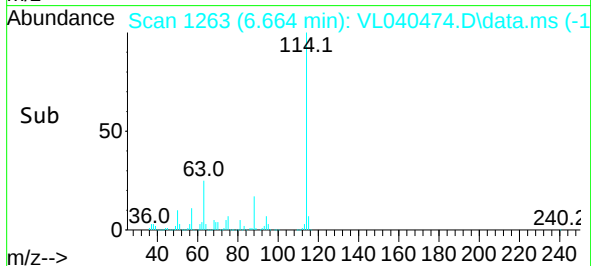
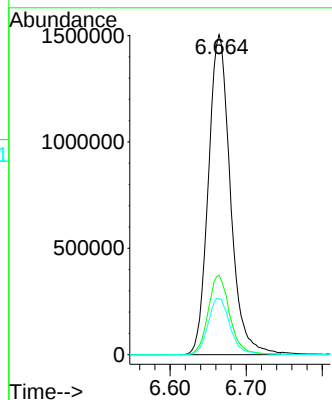
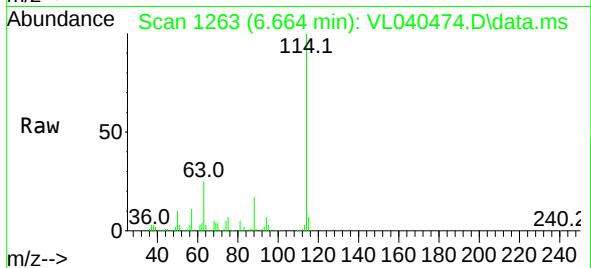
Tgt Ion:114 Resp: 3018615

Ion Ratio Lower Upper

114 100

63 24.7 21.0 31.6

88 17.8 14.5 21.7



#34

2-Butanone

Concen: 9.196 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.010 min

Lab File: VL040474.D

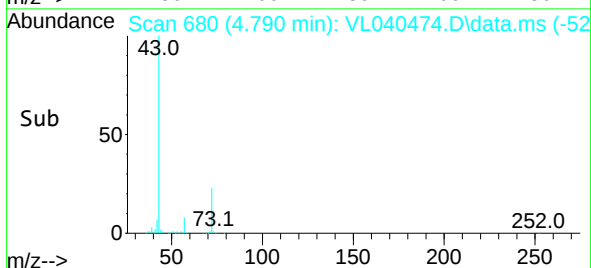
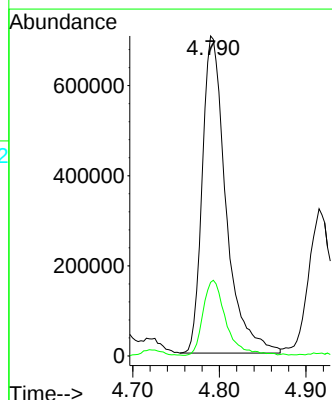
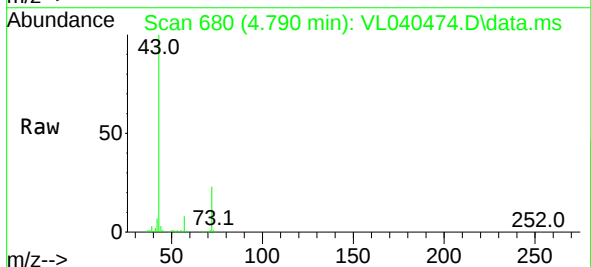
Acq: 15 Jun 2023 19:38

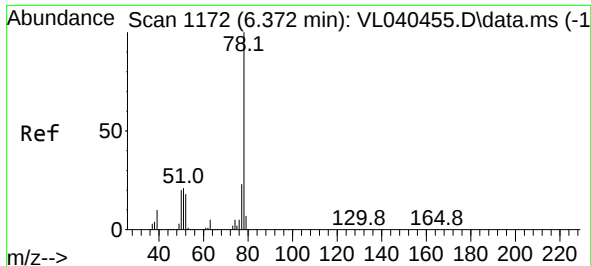
Tgt Ion: 43 Resp: 1338541

Ion Ratio Lower Upper

43 100

72 23.5 18.1 27.1





#36

Benzene

Concen: 0.057 ppbv

RT: 6.378 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VL040474.D

Acq: 15 Jun 2023 19:38

Instrument :

MSVOA_L

ClientSampleId :

SVP-03

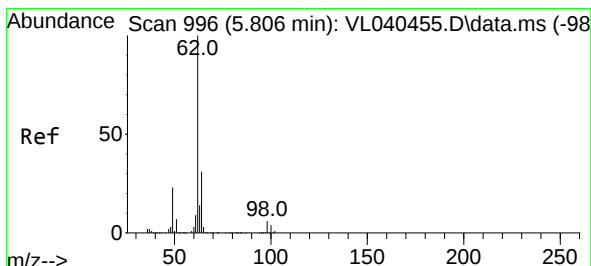
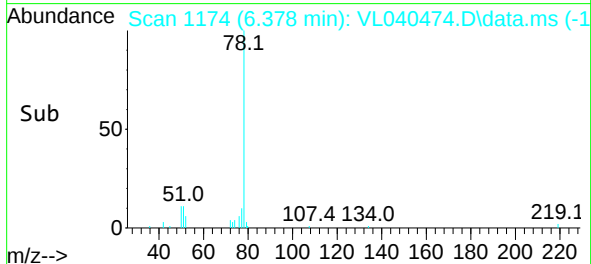
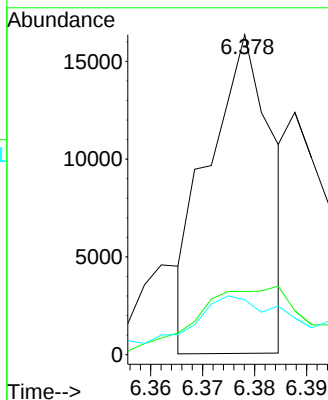
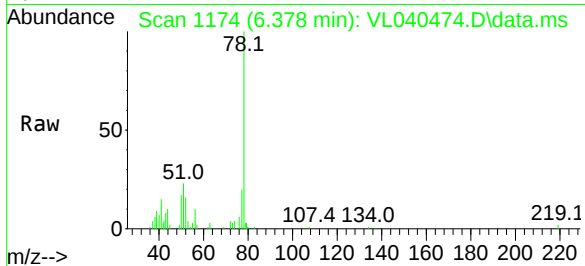
Tgt Ion: 78 Resp: 13740

Ion Ratio Lower Upper

78 100

77 17.8 18.5 27.7#

50 15.0 16.1 24.1#



#37

1,2-Dichloroethane

Concen: 0.033 ppbv

RT: 5.819 min Scan# 1000

Delta R.T. 0.013 min

Lab File: VL040474.D

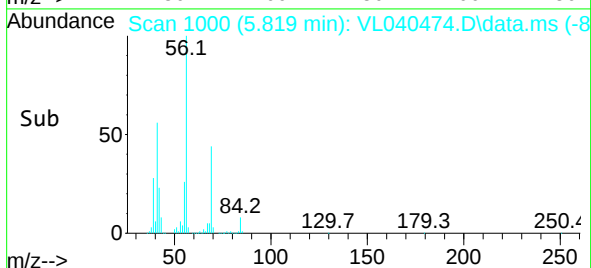
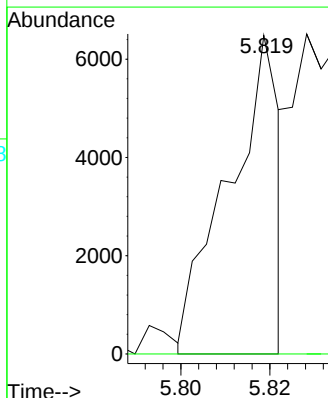
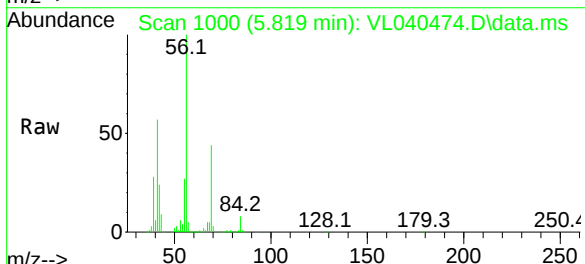
Acq: 15 Jun 2023 19:38

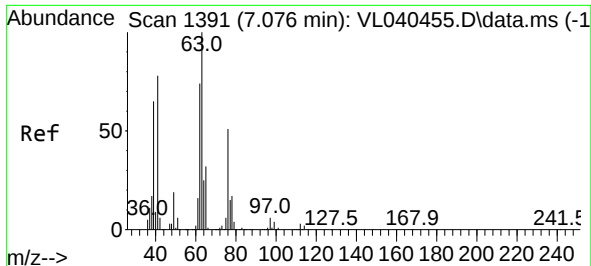
Tgt Ion: 62 Resp: 5151

Ion Ratio Lower Upper

62 100

98 0.0 4.6 6.8#





#39

1,2-Dichloropropane

Concen: 7.840 ppbv

RT: 6.664 min Scan# 1

Delta R.T. -0.412 min

Lab File: VL040474.D

Acq: 15 Jun 2023 19:38

Instrument :

MSVOA_L

ClientSampleId :

SVP-03

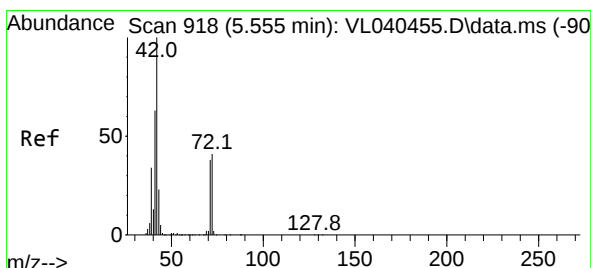
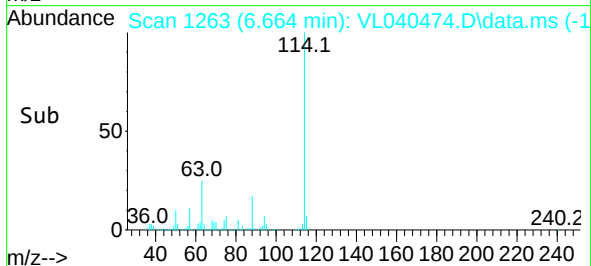
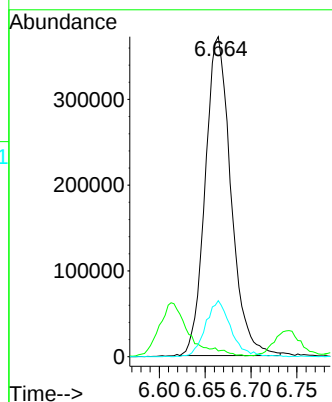
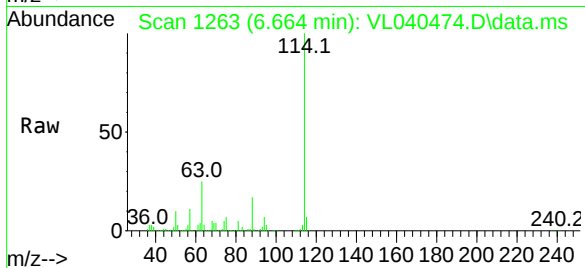
Tgt Ion: 63 Resp: 725646

Ion Ratio Lower Upper

63 100

41 0.0 62.2 93.2#

62 17.5 59.0 88.4#



#41

Tetrahydrofuran

Concen: 10.320 ppbv

RT: 5.828 min Scan# 1003

Delta R.T. 0.273 min

Lab File: VL040474.D

Acq: 15 Jun 2023 19:38

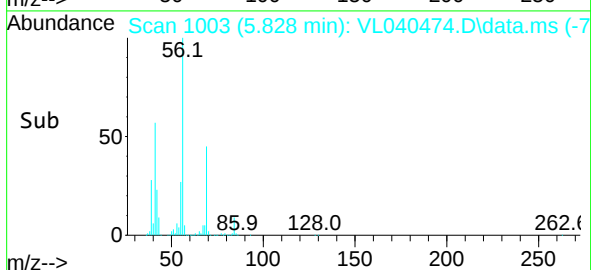
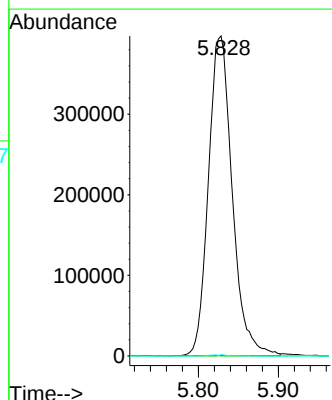
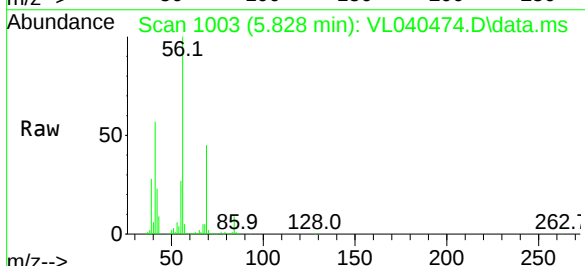
Tgt Ion: 42 Resp: 821076

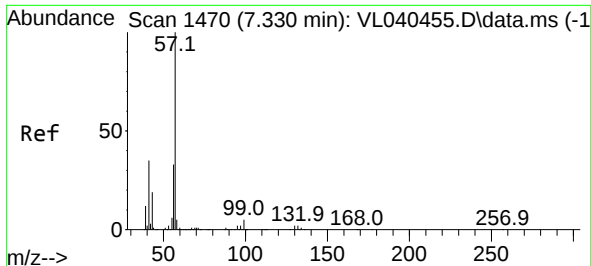
Ion Ratio Lower Upper

42 100

72 0.0 33.8 50.8#

71 0.0 32.3 48.5#

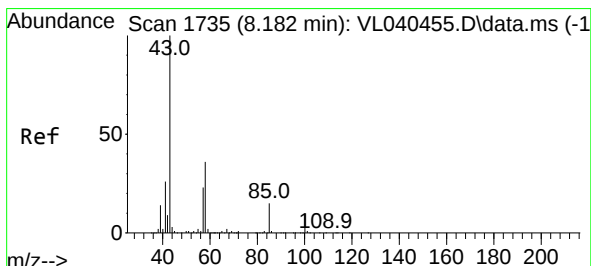
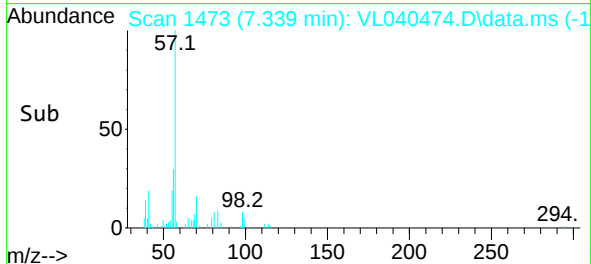
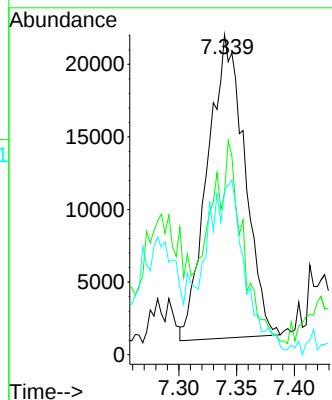
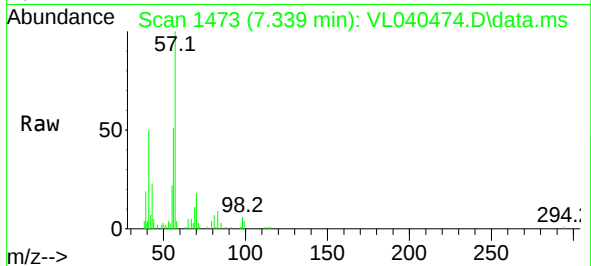




#44
2,2,4-Trimethylpentane
Concen: 0.119 ppbv
RT: 7.339 min Scan# 1470
Delta R.T. 0.010 min
Lab File: VL040474.D
Acq: 15 Jun 2023 19:38

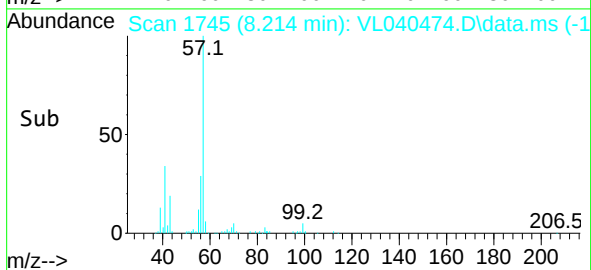
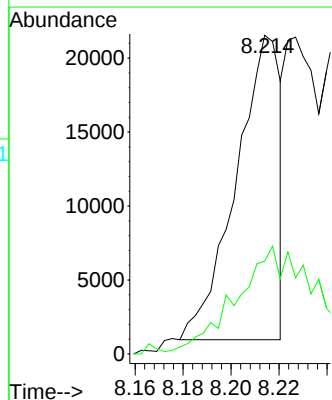
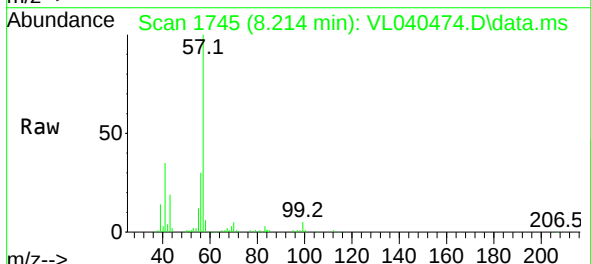
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

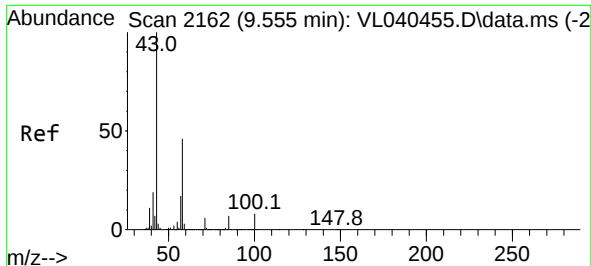
Tgt Ion: 57 Resp: 46614
Ion Ratio Lower Upper
57 100
41 68.8 27.8 41.8#
56 62.5 25.3 37.9#



#50
4-Methyl-2-Pentanone
Concen: 0.135 ppbv
RT: 8.214 min Scan# 1745
Delta R.T. 0.032 min
Lab File: VL040474.D
Acq: 15 Jun 2023 19:38

Tgt Ion: 43 Resp: 26405
Ion Ratio Lower Upper
43 100
58 72.2 28.2 42.4#

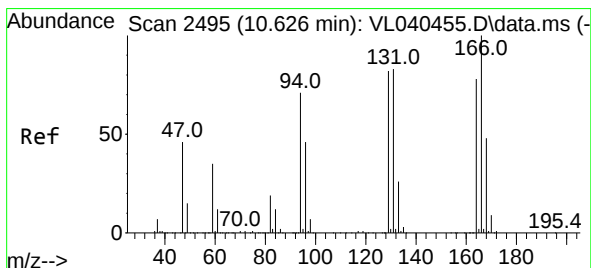
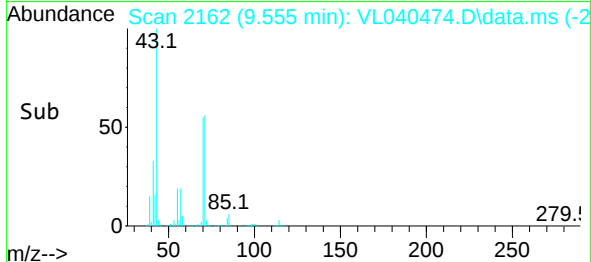
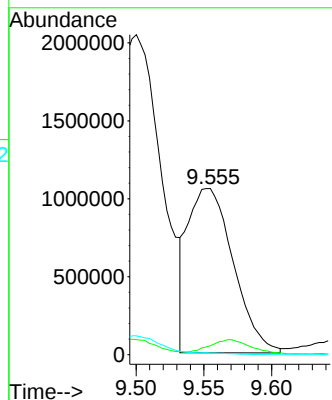
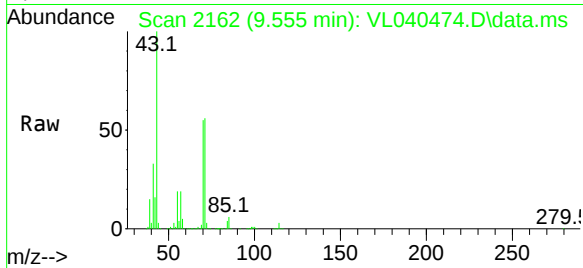




#51
2-Hexanone
Concen: 18.189 ppbv
RT: 9.555 min Scan# 2162
Delta R.T. -0.000 min
Lab File: VL040474.D
Acq: 15 Jun 2023 19:38

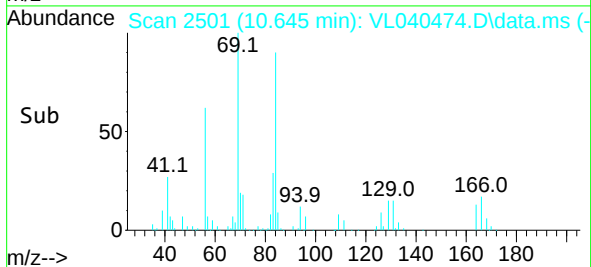
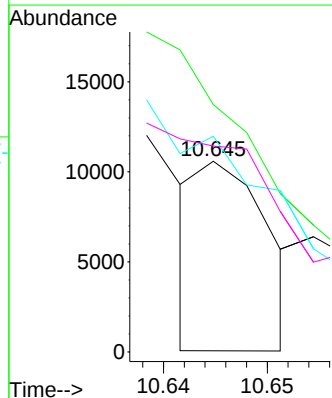
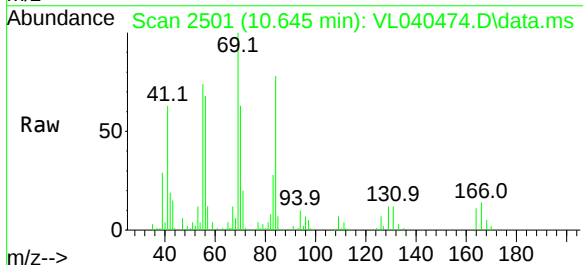
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

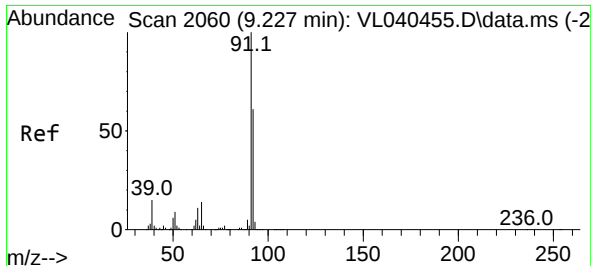
Tgt Ion: 43 Resp: 2461750
Ion Ratio Lower Upper
43 100
58 9.1 37.1 55.7#
98 0.0 0.5 0.7#



#52
Tetrachloroethene
Concen: 0.065 ppbv
RT: 10.645 min Scan# 2501
Delta R.T. 0.019 min
Lab File: VL040474.D
Acq: 15 Jun 2023 19:38

Tgt Ion: 164 Resp: 4891
Ion Ratio Lower Upper
164 100
166 100.7 102.7 154.1#
129 61.4 84.6 126.8#
131 74.1 85.1 127.7#

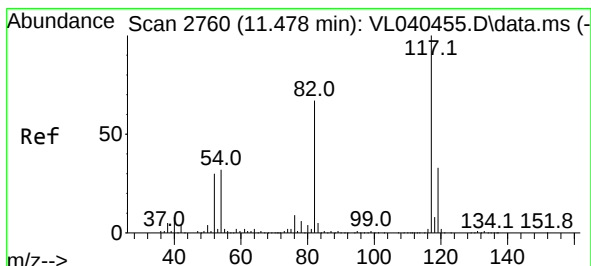
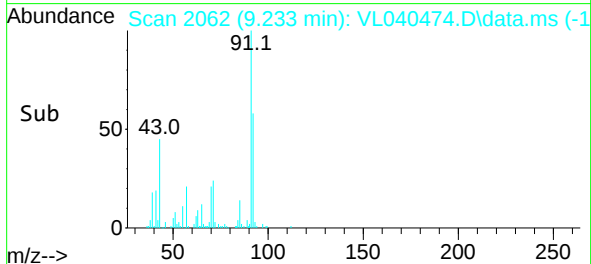
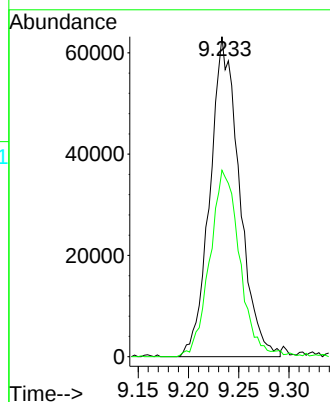
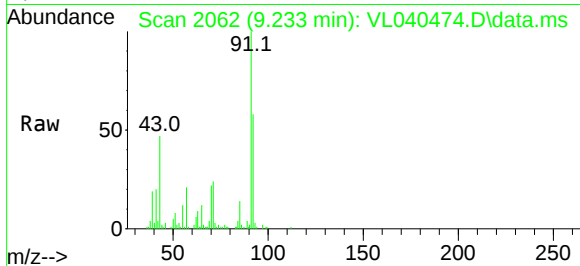




#53
Toluene
Concen: 0.509 ppbv
RT: 9.233 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VL040474.D
Acq: 15 Jun 2023 19:38

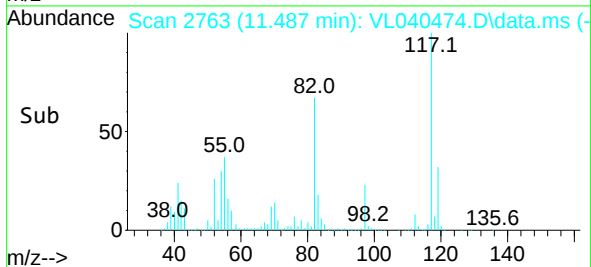
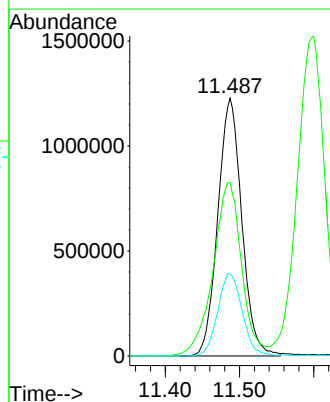
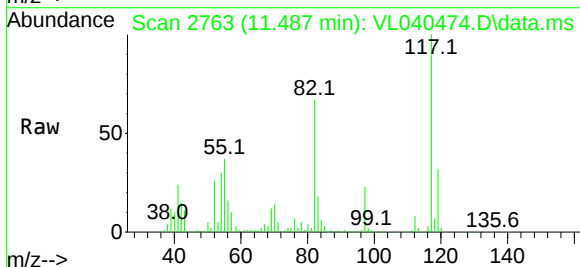
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

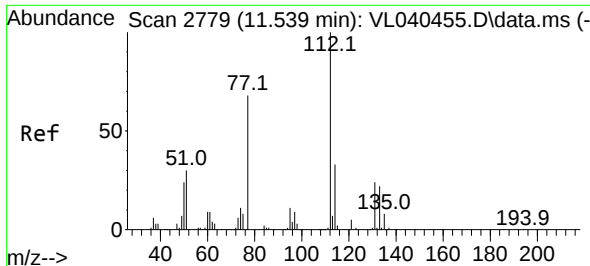
Tgt Ion: 91 Resp: 128735
Ion Ratio Lower Upper
91 100
92 59.2 49.1 73.7



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.487 min Scan# 2763
Delta R.T. 0.010 min
Lab File: VL040474.D
Acq: 15 Jun 2023 19:38

Tgt Ion: 117 Resp: 2751038
Ion Ratio Lower Upper
117 100
82 80.8 53.0 79.4#
119 33.1 24.4 36.6

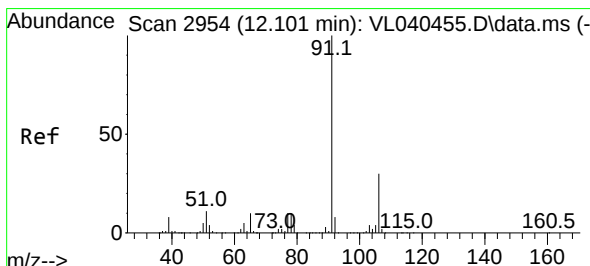
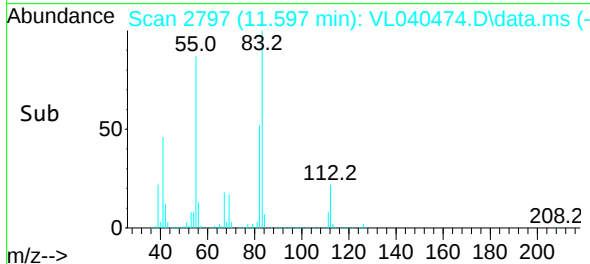
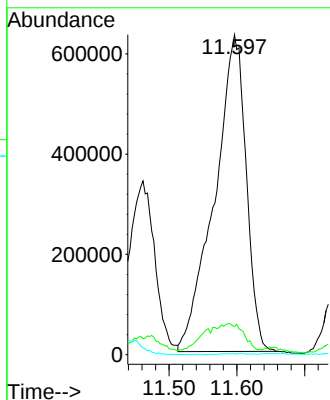
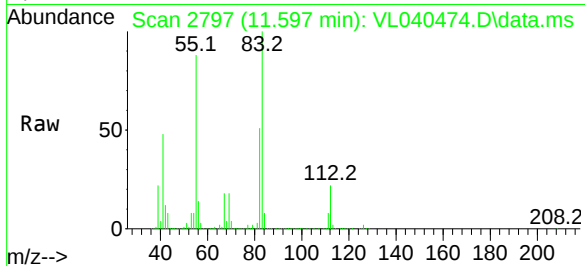




#57
Chlorobenzene
Concen: 9.858 ppbv
RT: 11.597 min Scan# 21
Delta R.T. 0.058 min
Lab File: VL040474.D
Acq: 15 Jun 2023 19:38

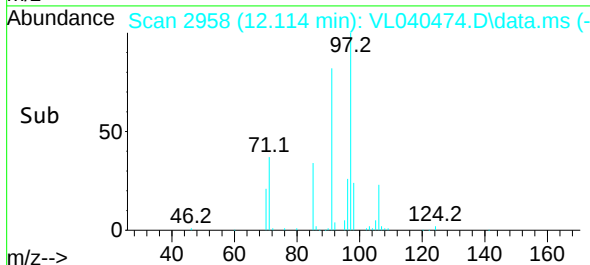
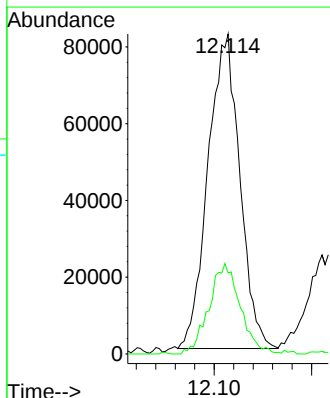
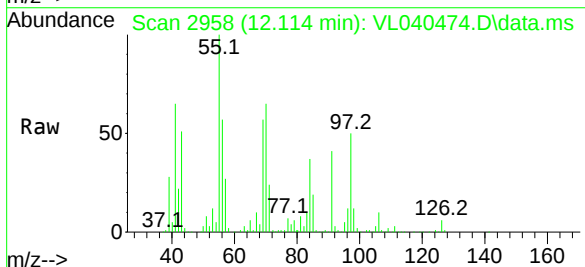
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

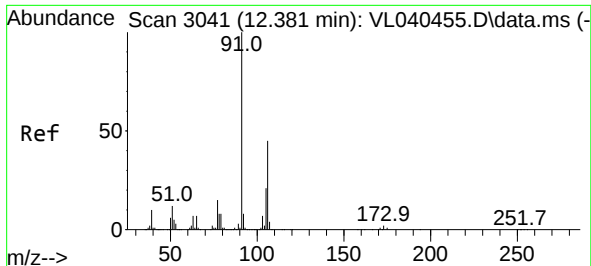
Tgt Ion:112 Resp: 2049908
Ion Ratio Lower Upper
112 100
77 7.8 55.4 83.2#
114 0.3 30.0 36.6#



#58
Ethyl Benzene
Concen: 0.557 ppbv
RT: 12.114 min Scan# 2958
Delta R.T. 0.013 min
Lab File: VL040474.D
Acq: 15 Jun 2023 19:38

Tgt Ion: 91 Resp: 185565
Ion Ratio Lower Upper
91 100
106 25.7 23.7 35.5





#59

m/p-Xylene

Concen: 1.168 ppbv

RT: 12.371 min Scan# 3041

Delta R.T. -0.010 min

Lab File: VL040474.D

Acq: 15 Jun 2023 19:38

Instrument :

MSVOA_L

ClientSampleId :

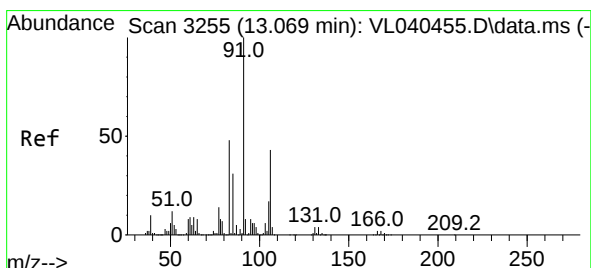
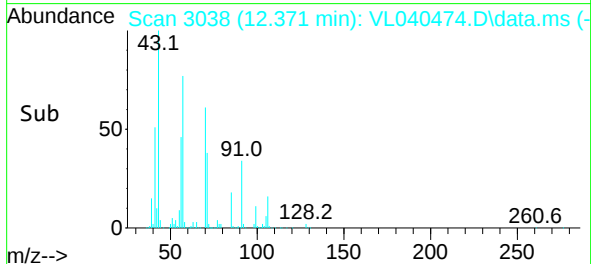
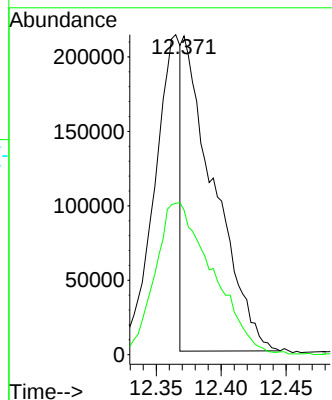
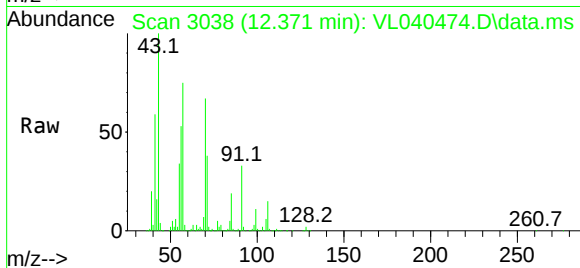
SVP-03

Tgt Ion: 91 Resp: 357676

Ion Ratio Lower Upper

91 100

106 88.3 34.6 52.0#



#60

o-Xylene

Concen: 1.231 ppbv

RT: 13.088 min Scan# 3261

Delta R.T. 0.019 min

Lab File: VL040474.D

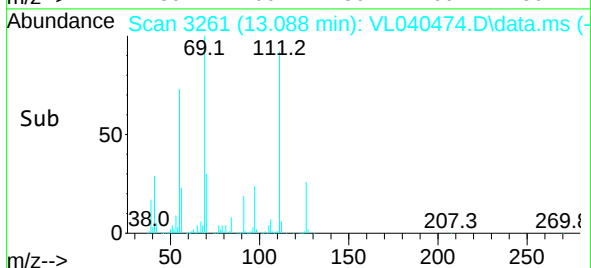
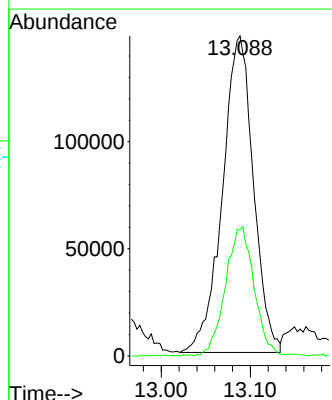
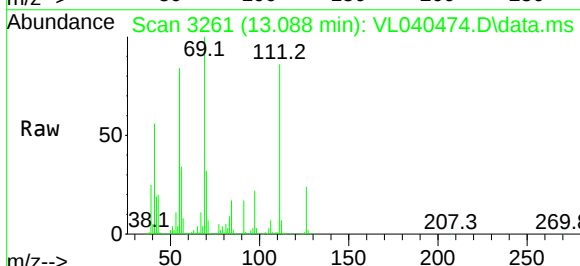
Acq: 15 Jun 2023 19:38

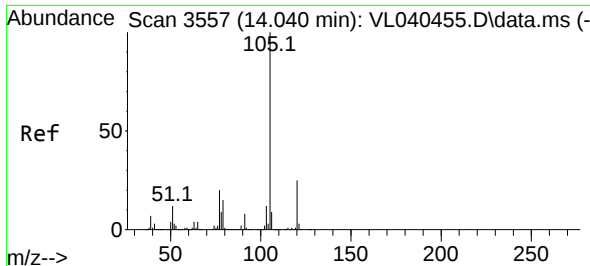
Tgt Ion: 91 Resp: 357709

Ion Ratio Lower Upper

91 100

106 38.0 22.1 66.1

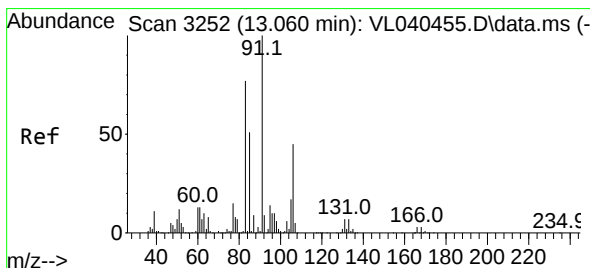
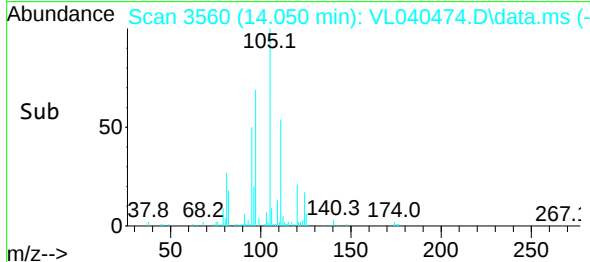
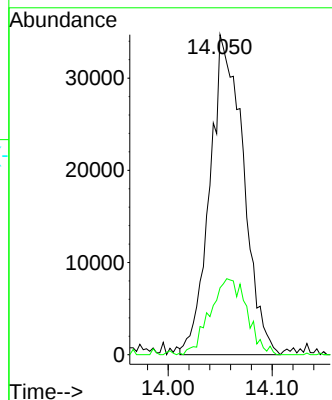
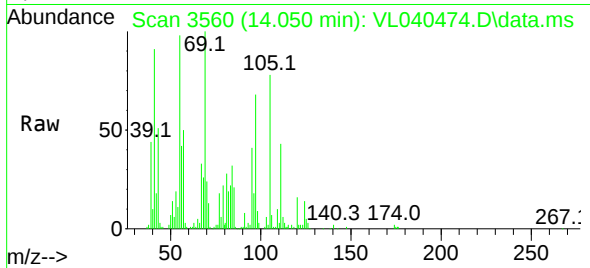




#62
Isopropylbenzene
Concen: 0.180 ppbv
RT: 14.050 min Scan# 31
Delta R.T. 0.009 min
Lab File: VL040474.D
Acq: 15 Jun 2023 19:38

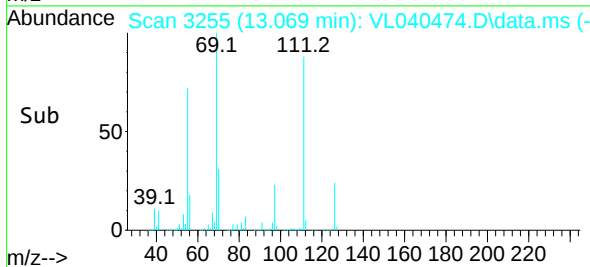
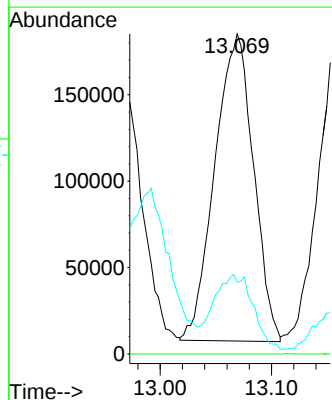
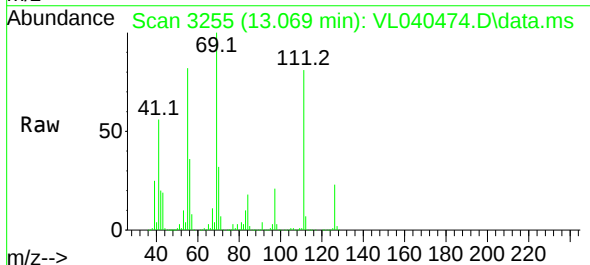
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

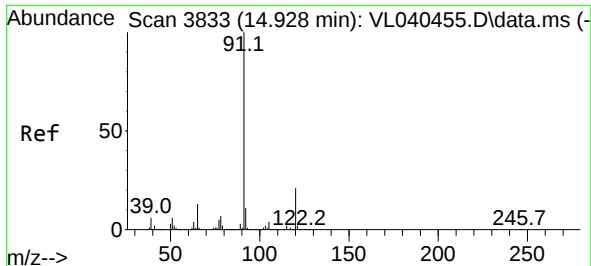
Tgt Ion:105 Resp: 77755
Ion Ratio Lower Upper
105 100
120 26.0 20.2 30.4



#63
1,1,2,2-Tetrachloroethane
Concen: 2.275 ppbv
RT: 13.069 min Scan# 3255
Delta R.T. 0.009 min
Lab File: VL040474.D
Acq: 15 Jun 2023 19:38

Tgt Ion: 83 Resp: 428094
Ion Ratio Lower Upper
83 100
131 0.0 4.5 13.7#
85 24.6 33.0 99.0#

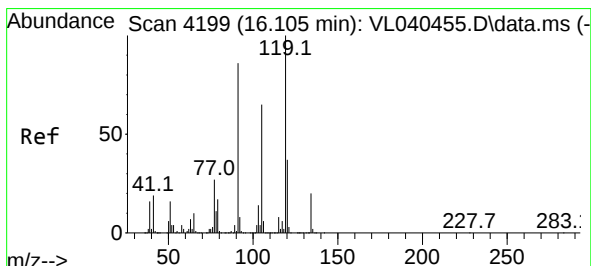
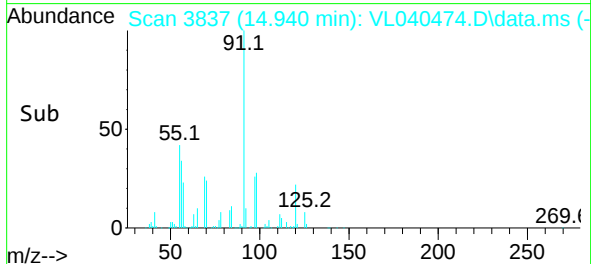
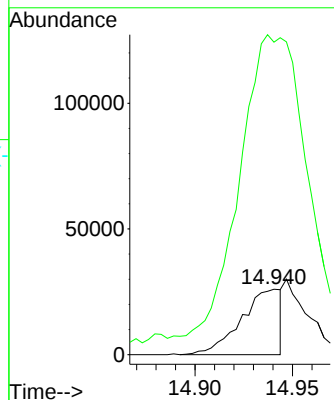
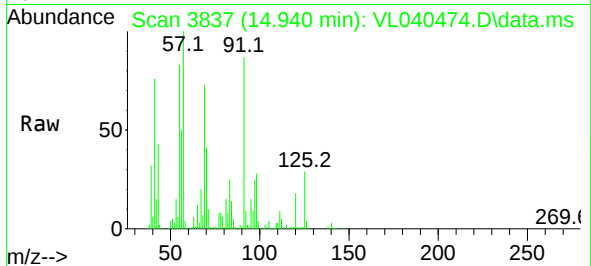




#64
n-propylbenzene
Concen: 0.339 ppbv
RT: 14.940 min Scan# 3837
Delta R.T. 0.013 min
Lab File: VL040474.D
Acq: 15 Jun 2023 19:38

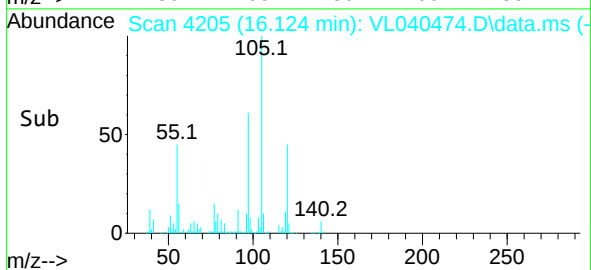
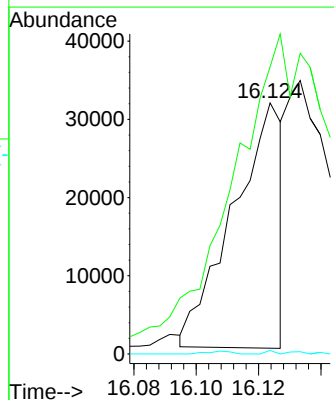
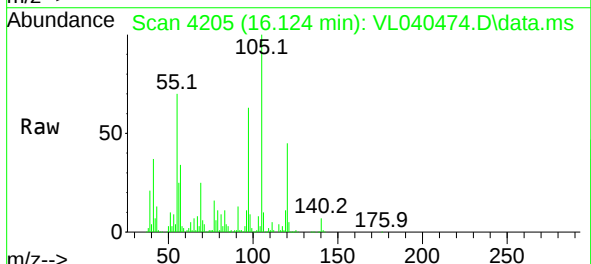
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

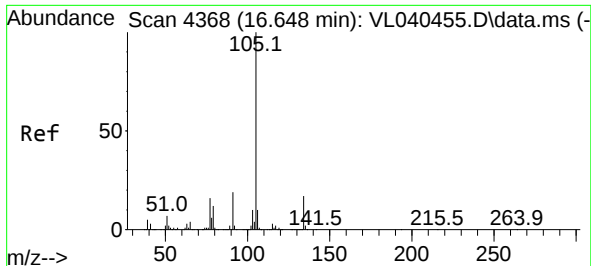
Tgt Ion:120 Resp: 37174
Ion Ratio Lower Upper
120 100
91 902.5 388.5 582.7#



#65
tert-Butylbenzene
Concen: 0.092 ppbv
RT: 16.124 min Scan# 4205
Delta R.T. 0.019 min
Lab File: VL040474.D
Acq: 15 Jun 2023 19:38

Tgt Ion:119 Resp: 34158
Ion Ratio Lower Upper
119 100
91 272.1 70.5 105.7#
134 0.0 15.6 23.4#

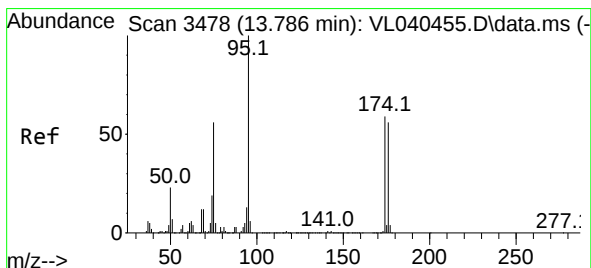
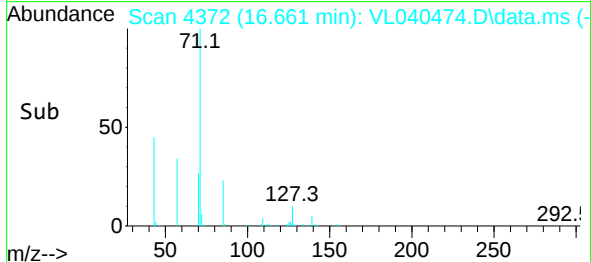
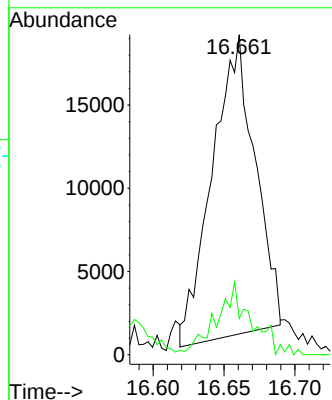
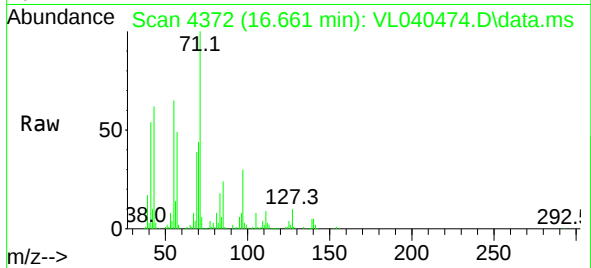




#67
 sec-Butylbenzene
 Concen: 0.070 ppbv
 RT: 16.661 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL040474.D
 Acq: 15 Jun 2023 19:38

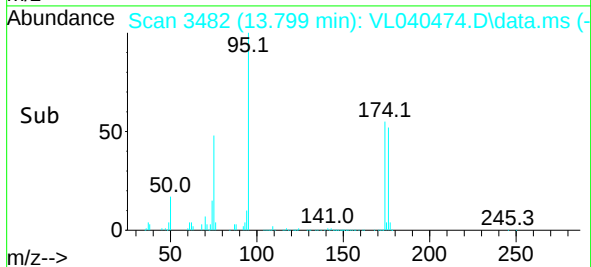
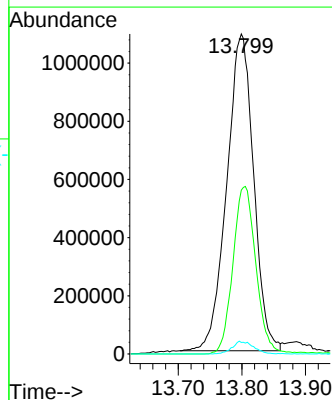
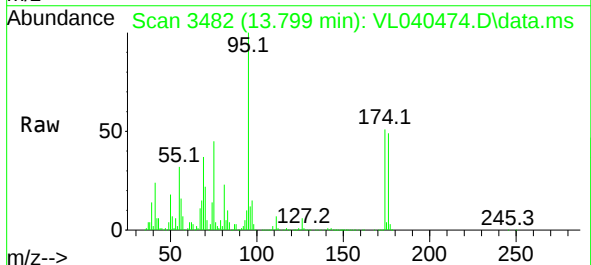
Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-03

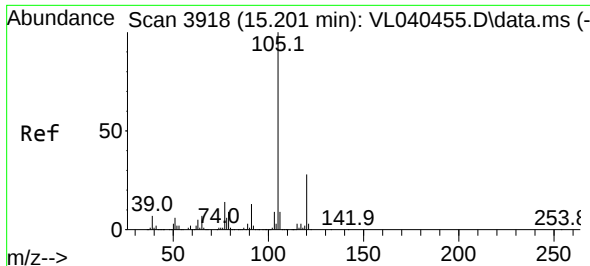
Tgt Ion:105 Resp: 37923
 Ion Ratio Lower Upper
 105 100
 134 19.8 14.0 21.0



#68
 1-Bromo-4-Fluorobenzene
 Concen: 14.071 ppbv
 RT: 13.799 min Scan# 3482
 Delta R.T. 0.013 min
 Lab File: VL040474.D
 Acq: 15 Jun 2023 19:38

Tgt Ion: 95 Resp: 3194976
 Ion Ratio Lower Upper
 95 100
 174 45.7 47.7 71.5#
 175 3.2 3.5 5.3#

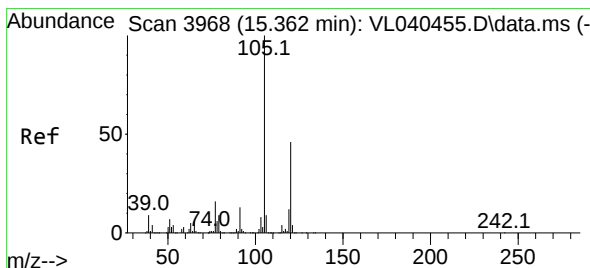
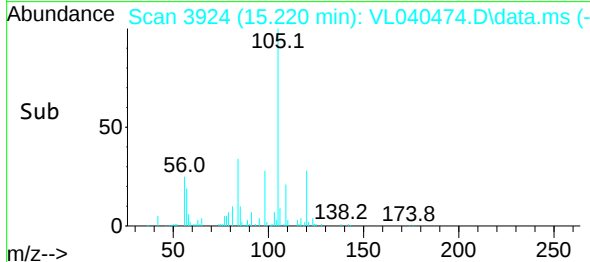
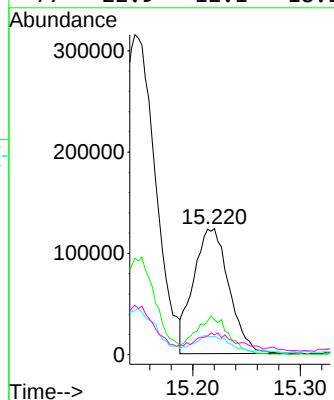
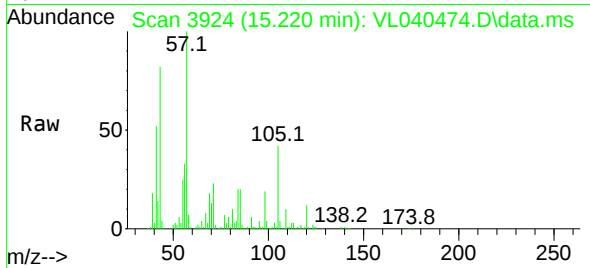




#72
4-Ethyltoluene
Concen: 0.862 ppbv
RT: 15.220 min Scan# 3918
Delta R.T. 0.019 min
Lab File: VL040474.D
Acq: 15 Jun 2023 19:38

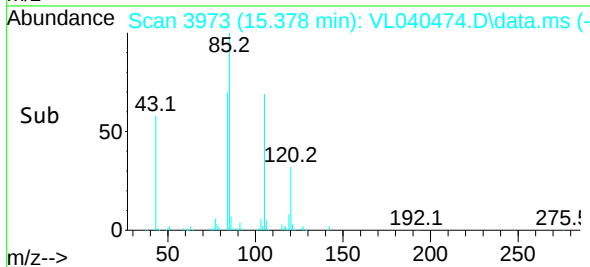
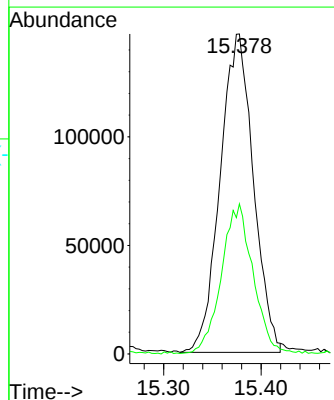
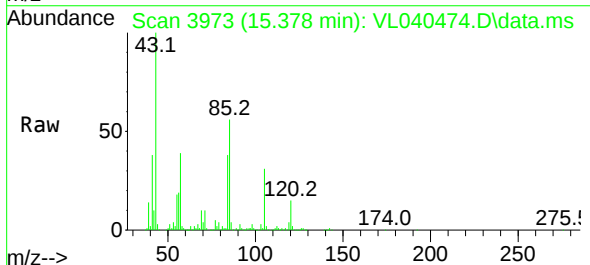
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

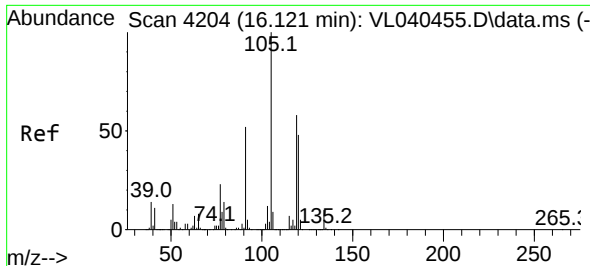
Tgt Ion:105 Resp: 282130
Ion Ratio Lower Upper
105 100
120 29.9 23.4 35.0
91 13.3 11.1 16.7
77 22.9 12.1 18.1#



#73
1,3,5-Trimethylbenzene
Concen: 1.202 ppbv
RT: 15.378 min Scan# 3973
Delta R.T. 0.016 min
Lab File: VL040474.D
Acq: 15 Jun 2023 19:38

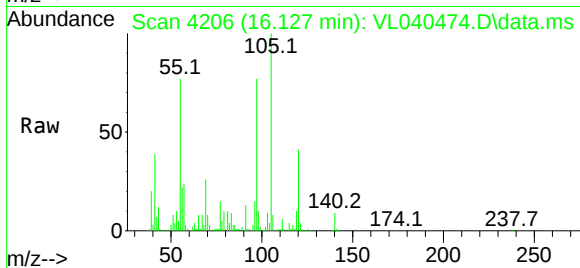
Tgt Ion:105 Resp: 347756
Ion Ratio Lower Upper
105 100
120 46.9 36.4 54.6



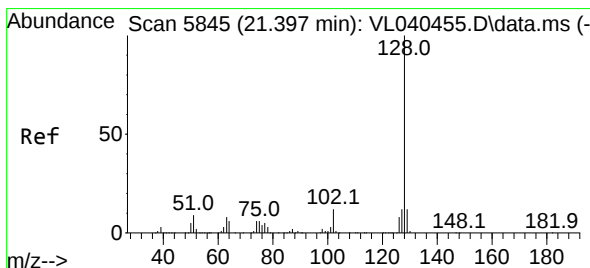
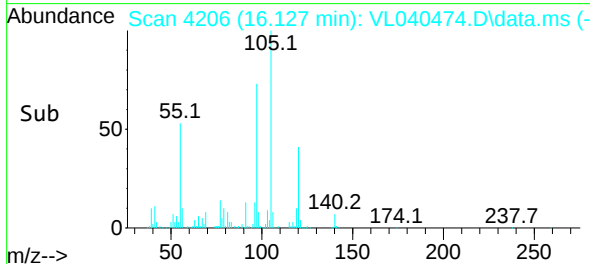
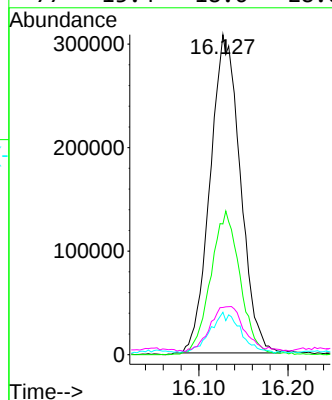


#74
1,2,4-Trimethylbenzene
Concen: 2.127 ppbv
RT: 16.127 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL040474.D
Acq: 15 Jun 2023 19:38

Instrument :
MSVOA_L
ClientSampleId :
SVP-03

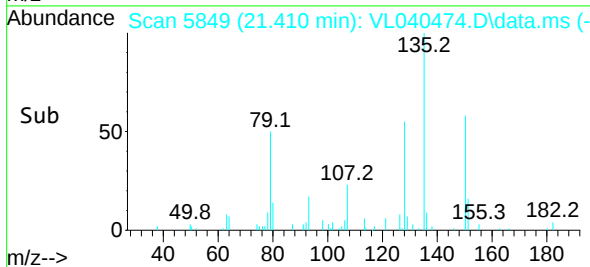
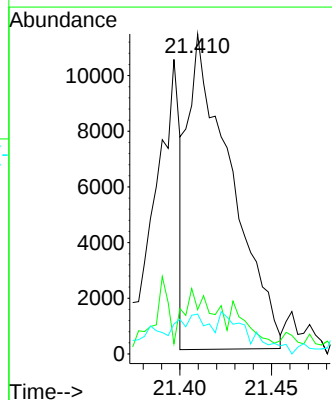
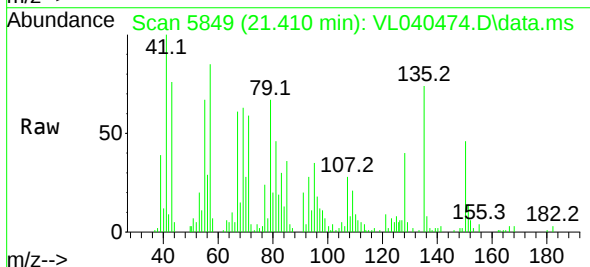


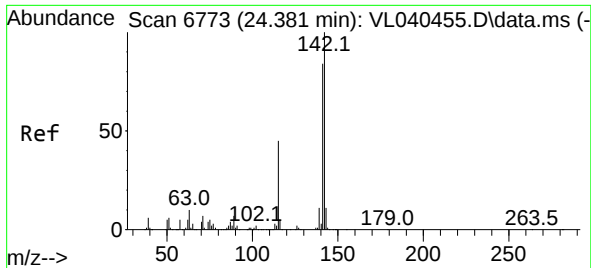
Tgt Ion:105 Resp: 723787
Ion Ratio Lower Upper
105 100
120 40.9 38.4 57.6
91 12.6 41.3 61.9#
77 13.4 18.6 28.0#



#79
Naphthalene
Concen: 0.095 ppbv
RT: 21.410 min Scan# 5849
Delta R.T. 0.013 min
Lab File: VL040474.D
Acq: 15 Jun 2023 19:38

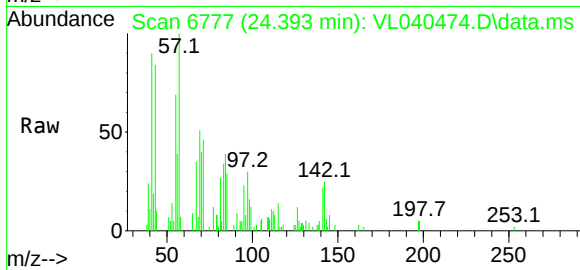
Tgt Ion:128 Resp: 18630
Ion Ratio Lower Upper
128 100
127 10.3 9.9 14.9
129 10.5 9.2 13.8





#80
Naphthalene, 2-methyl-
Concen: 0.090 ppbv
RT: 24.393 min Scan# 61
Delta R.T. 0.013 min
Lab File: VL040474.D
Acq: 15 Jun 2023 19:38

Instrument :
MSVOA_L
ClientSampleId :
SVP-03



Tgt Ion	Ratio	Lower	Upper
142	100		
141	108.0	65.4	98.0#
115	97.2	36.6	55.0#

