

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020623\
 Data File : VL040147.D
 Acq On : 6 Feb 2023 15:45
 Operator : SY/MD
 Sample : 01438-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Feb 07 05:56:10 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 Jan 31 05:24:57 2023
 Response via : Initial Calibration

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

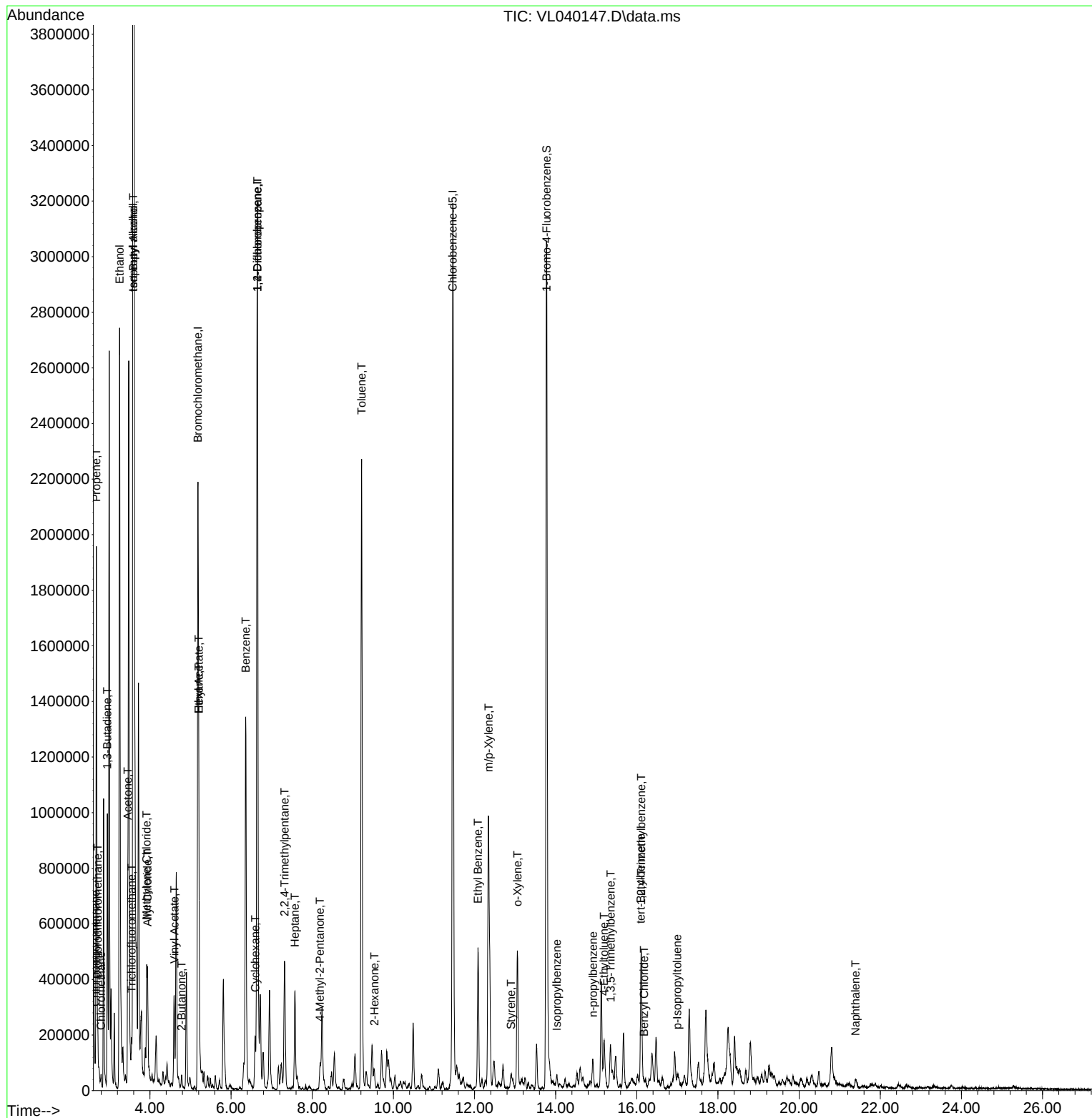
Internal Standards						
1) Bromochloromethane	5.182	49	982652	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2540513	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2125828	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1581276	8.950	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	89.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.713	85	67958	0.394	ppbv	99
3) Chlorodifluoromethane	2.658	51	67358	0.571	ppbv #	87
4) Chloromethane	2.796	50	33524	0.460	ppbv	90
9) Propene	2.677	41	806832	16.476	ppbv	97
10) Heptane	7.571	43	151478	1.342	ppbv	94
11) Trichlorofluoromethane	3.549	101	75742	0.440	ppbv	100
13) Ethanol	3.253	45	2919481	647.737	ppbv	98
15) Acetone	3.455	43	615076	5.219	ppbv #	80
16) 1,3-Butadiene	2.951	39	264448	4.813	ppbv #	27
17) tert-Butyl alcohol	3.591	59	703540	6.411	ppbv	95
19) Isopropyl Alcohol	3.591	45	13621508	236.232	ppbv #	93
20) Methylene Chloride	3.922	84	128763	2.477	ppbv	95
21) Allyl Chloride	3.944	41	46005	0.608	ppbv #	40
23) Vinyl Acetate	4.603	43	50084	1.311	ppbv #	1
25) Ethyl Acetate	5.205	43	234676	1.130	ppbv #	85
26) Hexane	5.205	57	314204	3.458	ppbv #	40
30) Cyclohexane	6.597	84	62320	0.863	ppbv	93
34) 2-Butanone	4.780	43	49564	0.412	ppbv	96
36) Benzene	6.362	78	1159293	6.166	ppbv	98
39) 1,2-Dichloropropane	6.645	63	611647	8.317	ppbv #	23
44) 2,2,4-Trimethylpentane	7.317	57	405322	1.296	ppbv #	89
50) 4-Methyl-2-Pentanone	8.188	43	23194	0.123	ppbv #	30
51) 2-Hexanone	9.532	43	14744	0.103	ppbv #	55
53) Toluene	9.217	91	1832683	9.140	ppbv	99
58) Ethyl Benzene	12.085	91	470580	1.984	ppbv	95
59) m/p-Xylene	12.346	91	1044759	4.898	ppbv	93
60) o-Xylene	13.056	91	403461	1.993	ppbv	99
61) Styrene	12.902	104	20661	0.196	ppbv	90
62) Isopropylbenzene	14.031	105	37555	0.129	ppbv	99
64) n-propylbenzene	14.921	120	10720	0.148	ppbv #	1
65) tert-Butylbenzene	16.098	119	17651	0.071	ppbv #	15
66) Benzyl Chloride	16.178	91	520	0.031	ppbv #	1
69) p-Isopropyltoluene	16.995	119	20603	0.074	ppbv #	80
72) 4-Ethyltoluene	15.195	105	70994	0.316	ppbv #	52
73) 1,3,5-Trimethylbenzene	15.355	105	46995	0.232	ppbv	94
74) 1,2,4-Trimethylbenzene	16.108	105	386504	1.725	ppbv #	68
79) Naphthalene	21.390	128	5396	0.042	ppbv #	61

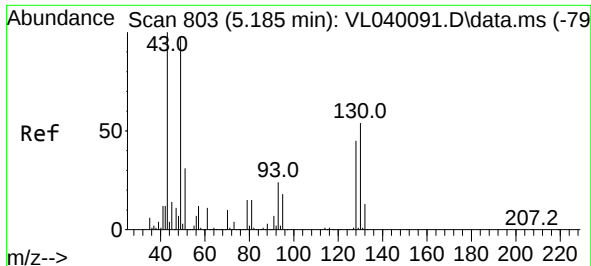
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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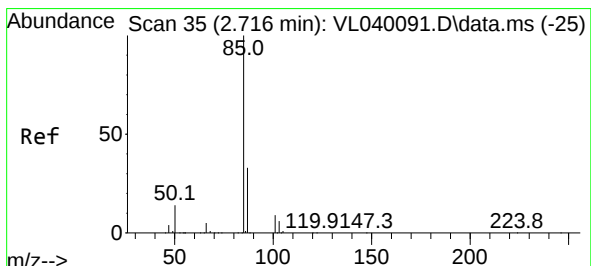
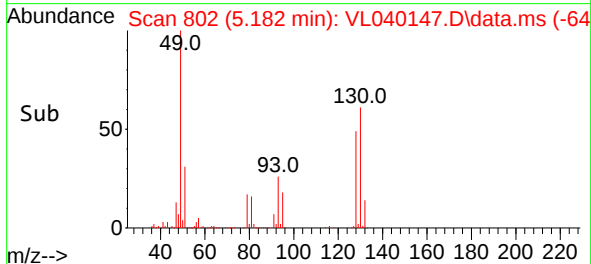
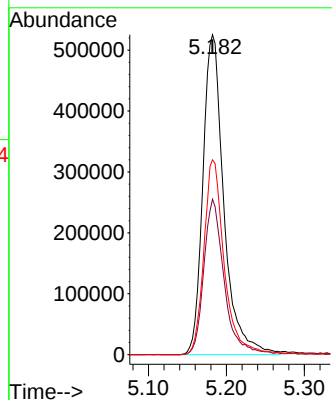
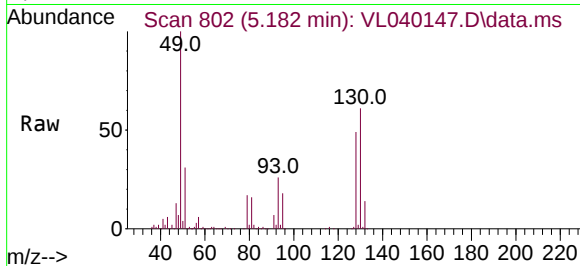




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.182 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VL040147.D
 Acq: 6 Feb 2023 15:45

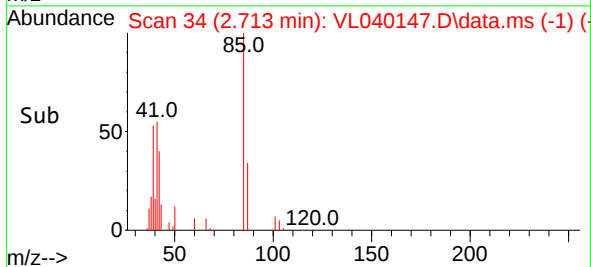
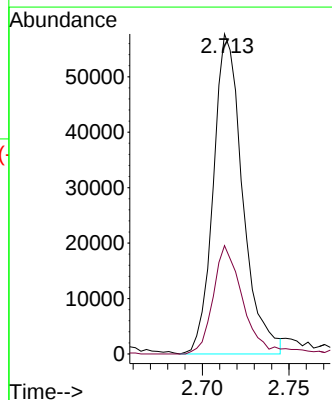
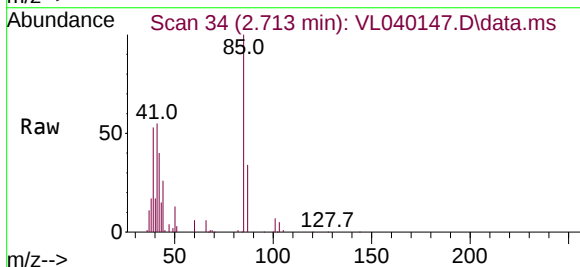
Instrument :
 MSVOA_L
 ClientSampleId :

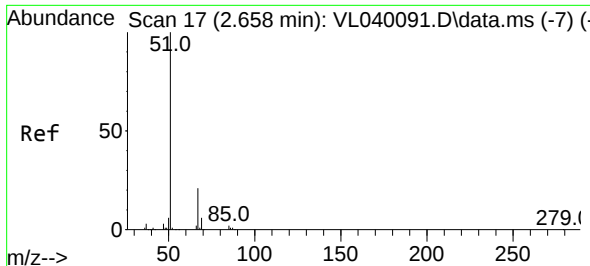
Tgt Ion: 49 Resp: 982652
 Ion Ratio Lower Upper
 49 100
 128 47.5 23.6 71.0
 130 59.8 29.8 89.3



#2
 Dichlorodifluoromethane
 Concen: 0.394 ppbv
 RT: 2.713 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VL040147.D
 Acq: 6 Feb 2023 15:45

Tgt Ion: 85 Resp: 67958
 Ion Ratio Lower Upper
 85 100
 87 33.8 26.5 39.7

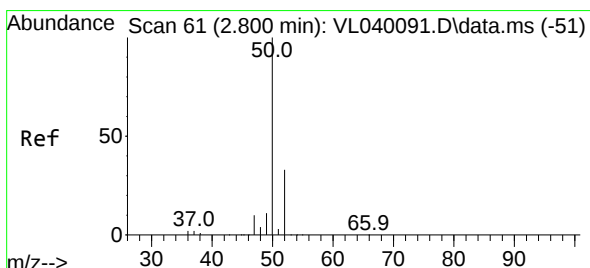
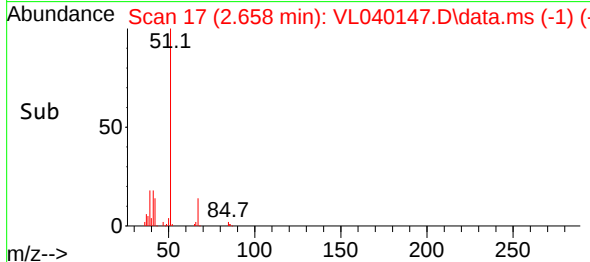
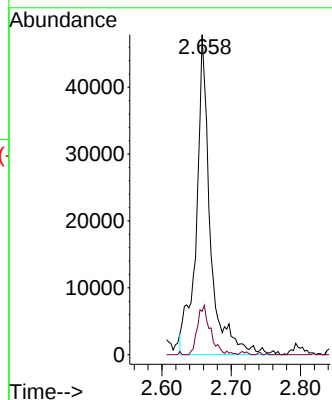
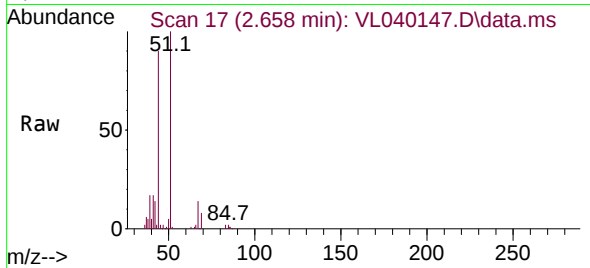




#3
Chlorodifluoromethane
Concen: 0.571 ppbv
RT: 2.658 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040147.D
Acq: 6 Feb 2023 15:45

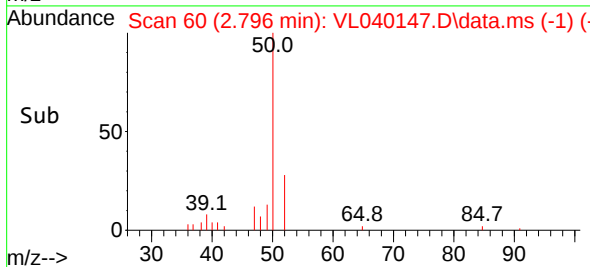
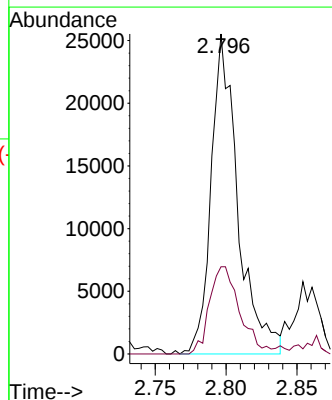
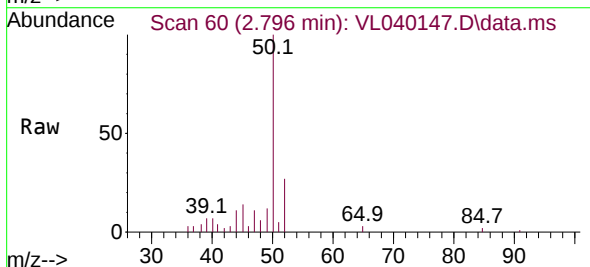
Instrument :
MSVOA_L
ClientSampleId :

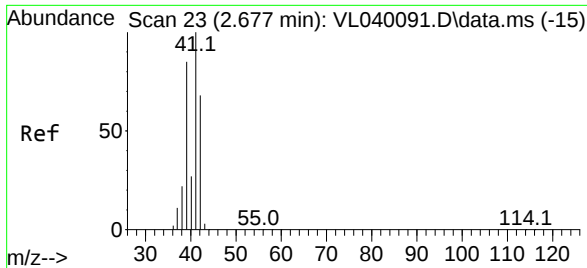
Tgt Ion: 51 Resp: 67358
Ion Ratio Lower Upper
51 100
67 14.4 16.4 24.6#



#4
Chloromethane
Concen: 0.460 ppbv
RT: 2.796 min Scan# 60
Delta R.T. 0.003 min
Lab File: VL040147.D
Acq: 6 Feb 2023 15:45

Tgt Ion: 50 Resp: 33524
Ion Ratio Lower Upper
50 100
52 27.3 26.5 39.7

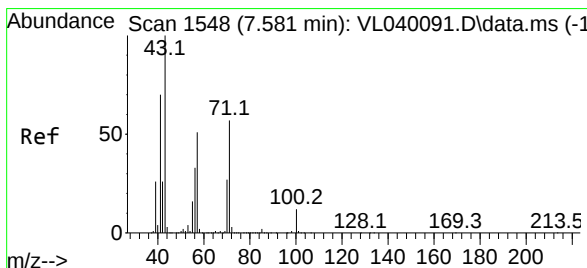
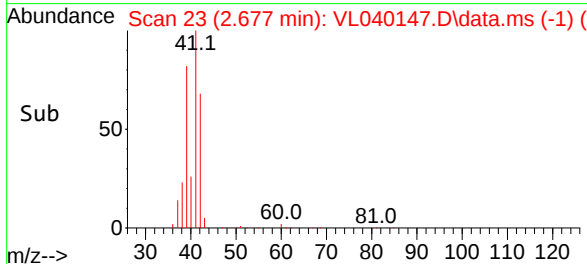
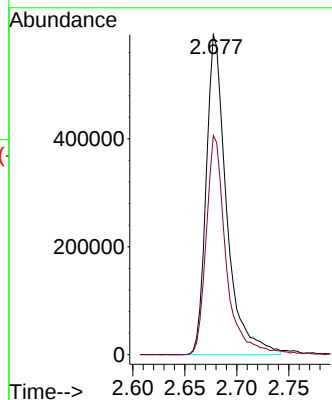
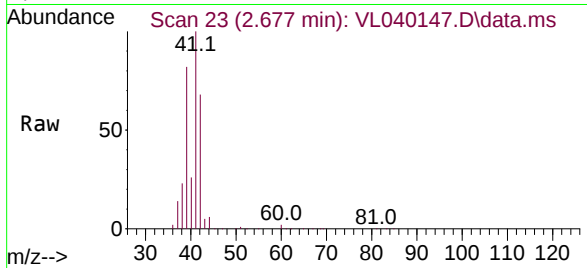




#9
 Propene
 Concen: 16.476 ppbv
 RT: 2.677 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VL040147.D
 Acq: 6 Feb 2023 15:45

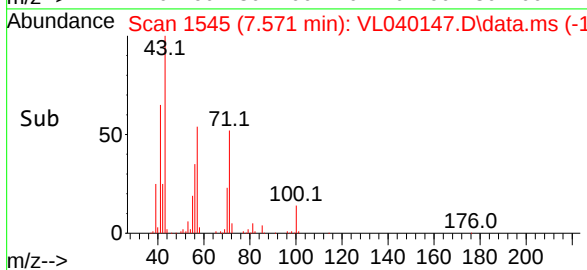
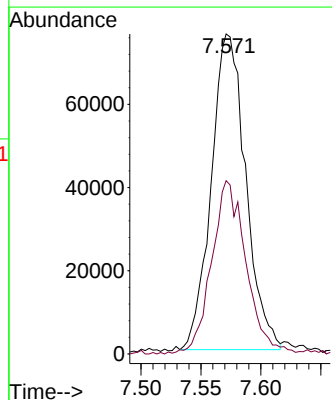
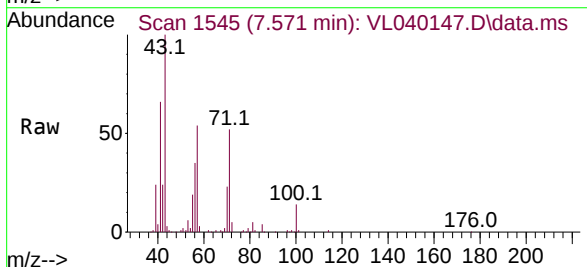
Instrument :
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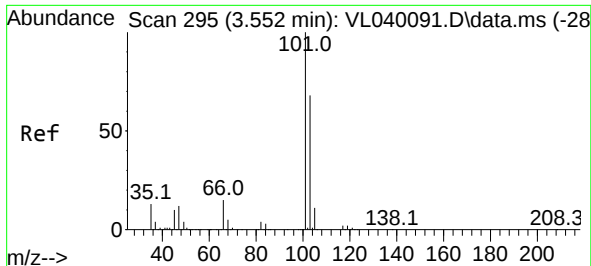
Tgt Ion: 41 Resp: 806832
 Ion Ratio Lower Upper
 41 100
 42 67.0 55.6 83.4



#10
 Heptane
 Concen: 1.342 ppbv
 RT: 7.571 min Scan# 1545
 Delta R.T. 0.003 min
 Lab File: VL040147.D
 Acq: 6 Feb 2023 15:45

Tgt Ion: 43 Resp: 151478
 Ion Ratio Lower Upper
 43 100
 57 55.6 40.9 61.3

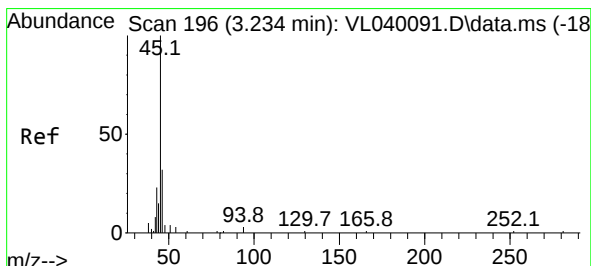
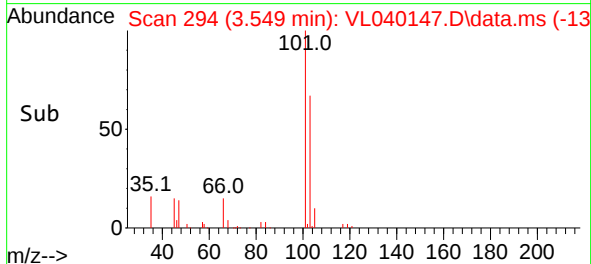
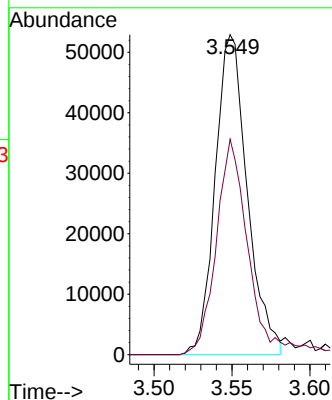
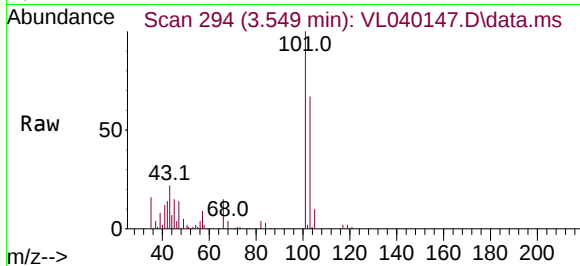




#11
 Trichlorofluoromethane
 Concen: 0.440 ppbv
 RT: 3.549 min Scan# 201
 Delta R.T. 0.003 min
 Lab File: VL040147.D
 Acq: 6 Feb 2023 15:45

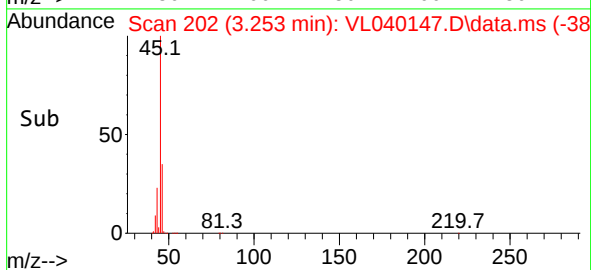
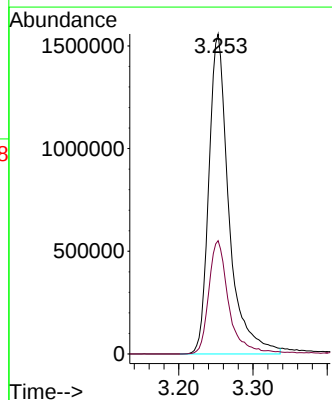
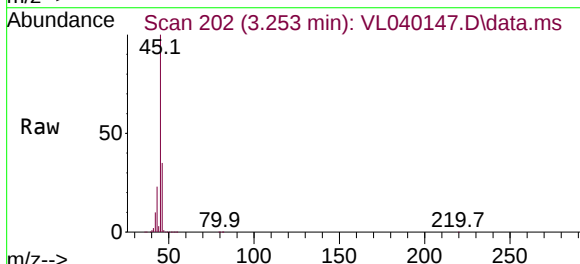
Instrument :
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 ClientSampleId :

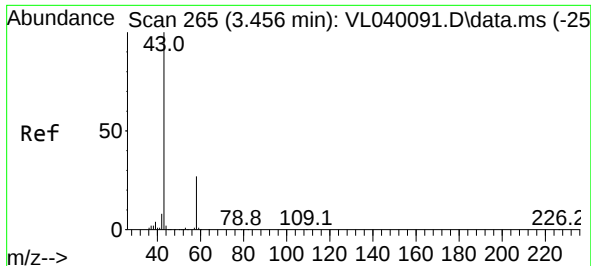
Tgt Ion:101 Resp: 75742
 Ion Ratio Lower Upper
 101 100
 103 67.3 54.0 81.0



#13
 Ethanol
 Concen: 647.737 ppbv
 RT: 3.253 min Scan# 202
 Delta R.T. 0.026 min
 Lab File: VL040147.D
 Acq: 6 Feb 2023 15:45

Tgt Ion: 45 Resp: 2919481
 Ion Ratio Lower Upper
 45 100
 46 36.1 14.8 59.2

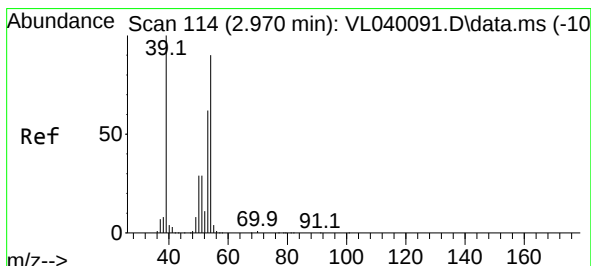
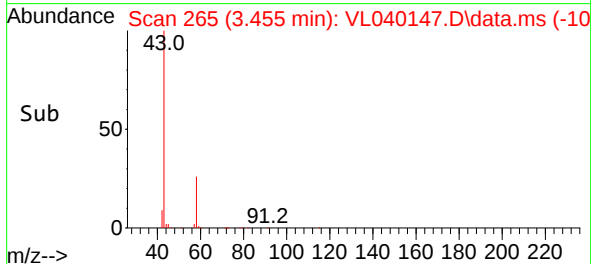
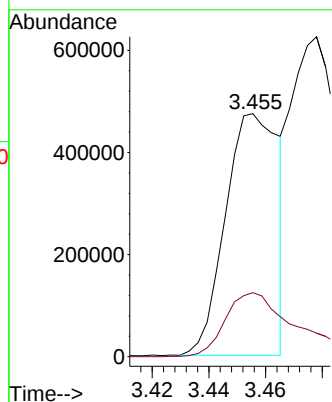
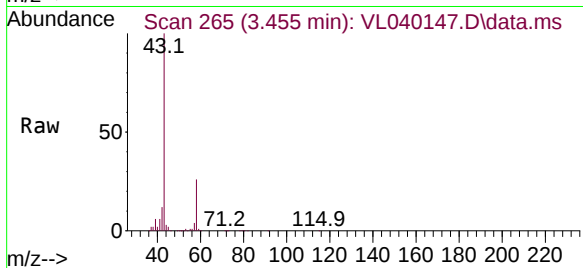




#15
Acetone
Concen: 5.219 ppbv
RT: 3.455 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL040147.D
Acq: 6 Feb 2023 15:45

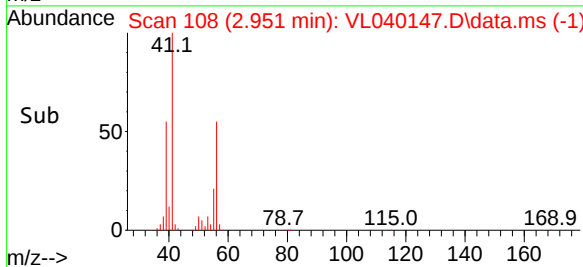
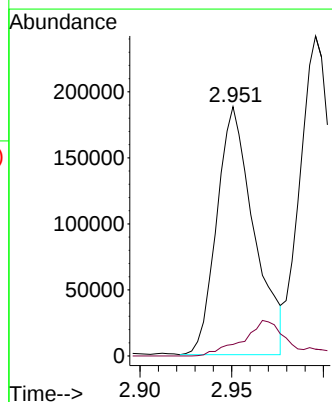
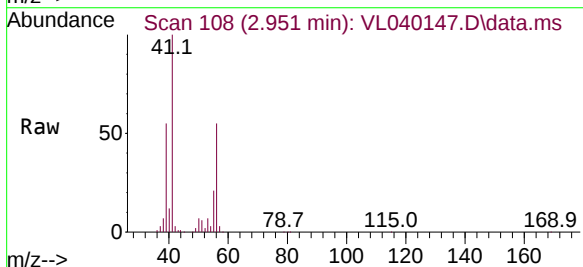
Instrument :
MSVOA_L
ClientSampleId :

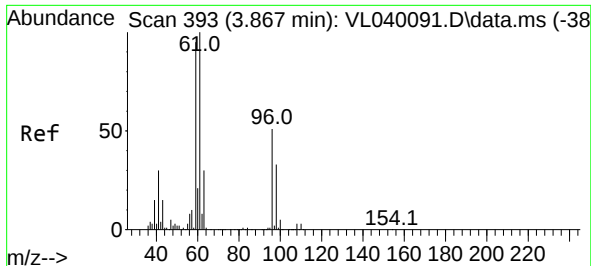
Tgt Ion: 43 Resp: 615076
Ion Ratio Lower Upper
43 100
58 37.8 21.8 32.8#



#16
1,3-Butadiene
Concen: 4.813 ppbv
RT: 2.951 min Scan# 108
Delta R.T. -0.016 min
Lab File: VL040147.D
Acq: 6 Feb 2023 15:45

Tgt Ion: 39 Resp: 264448
Ion Ratio Lower Upper
39 100
54 18.1 67.9 101.9#





#17

tert-Butyl alcohol

Concen: 6.411 ppbv

RT: 3.591 min Scan# 307

Delta R.T. -0.270 min

Lab File: VL040147.D

Acq: 6 Feb 2023 15:45

Instrument :

MSVOA_L

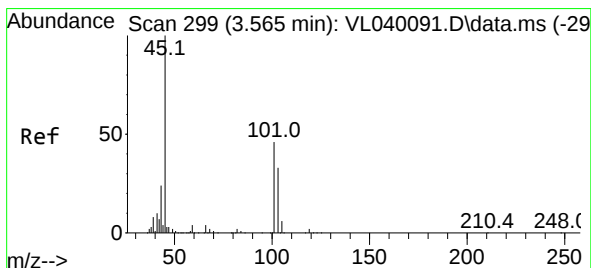
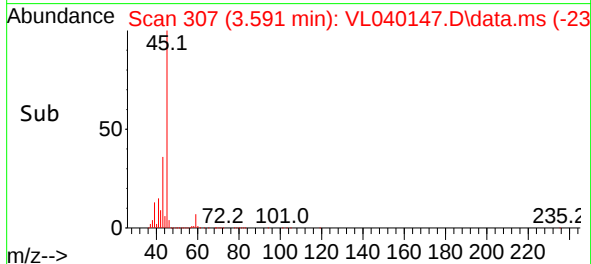
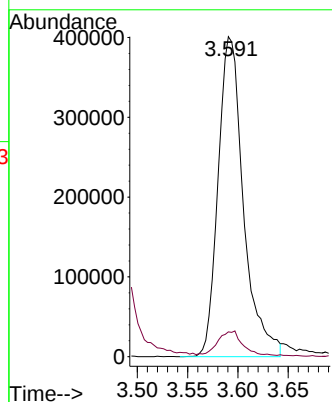
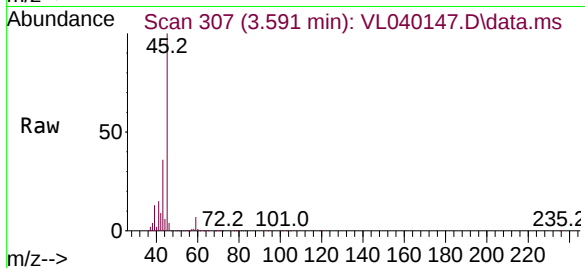
ClientSampleId :

Tgt Ion: 59 Resp: 703540

Ion Ratio Lower Upper

59 100

57 8.7 8.5 12.7



#19

Isopropyl Alcohol

Concen: 236.232 ppbv

RT: 3.591 min Scan# 307

Delta R.T. 0.032 min

Lab File: VL040147.D

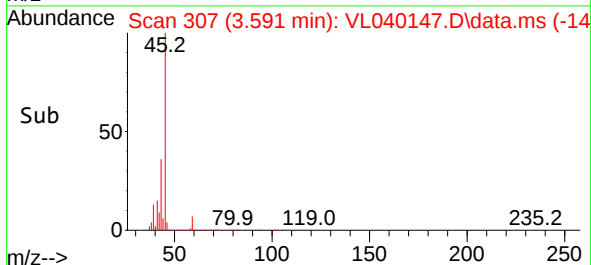
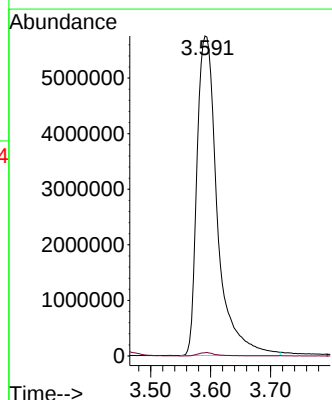
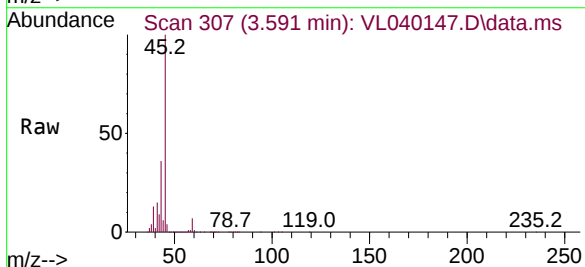
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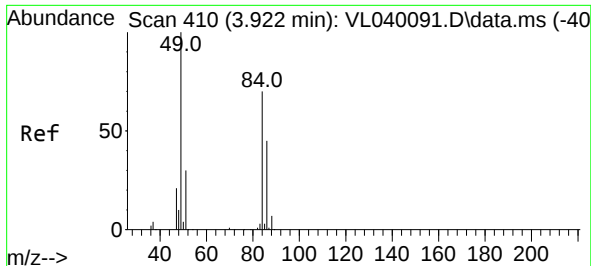
Tgt Ion: 45 Resp:13621508

Ion Ratio Lower Upper

45 100

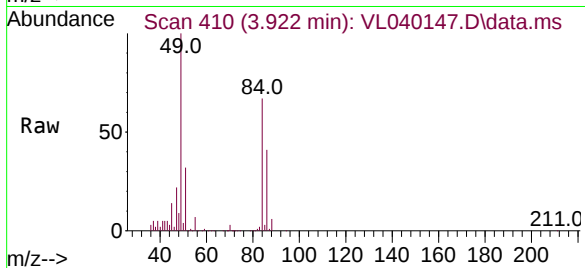
58 1.0 2.6 4.0#



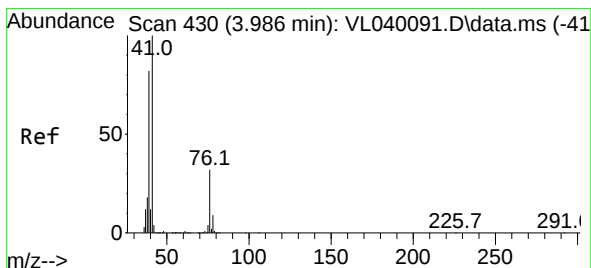
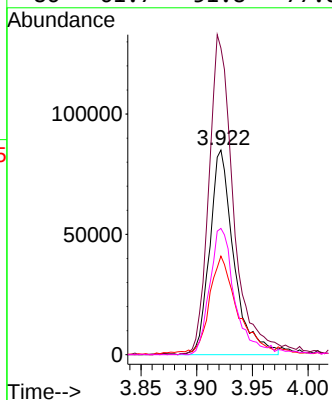
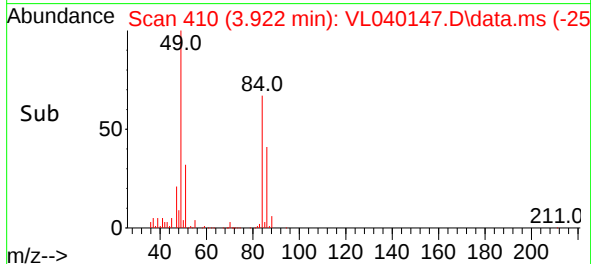


#20
Methylene Chloride
Concen: 2.477 ppbv
RT: 3.922 min Scan# 410
Delta R.T. 0.006 min
Lab File: VL040147.D
Acq: 6 Feb 2023 15:45

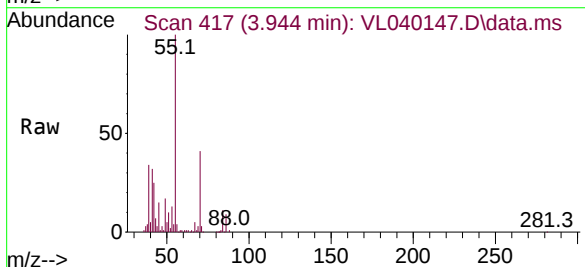
Instrument :
MSVOA_L
ClientSampleId :



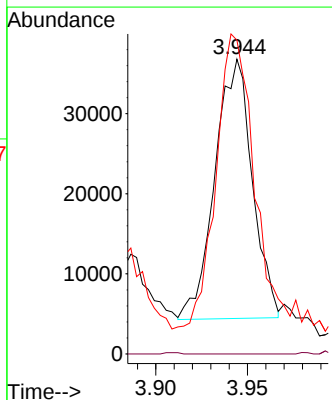
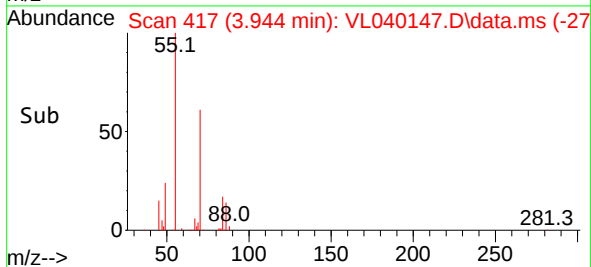
Tgt Ion: 84 Resp: 128763
Ion Ratio Lower Upper
84 100
49 149.8 114.6 171.8
51 46.7 34.3 51.5
86 61.7 51.8 77.8

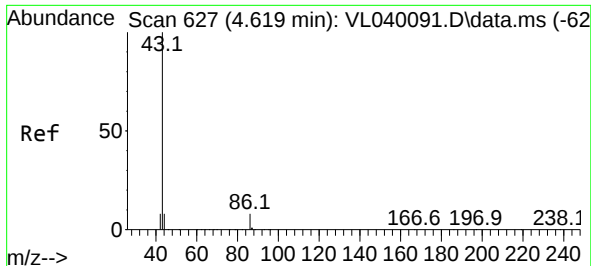


#21
Allyl Chloride
Concen: 0.608 ppbv
RT: 3.944 min Scan# 417
Delta R.T. -0.035 min
Lab File: VL040147.D
Acq: 6 Feb 2023 15:45



Tgt Ion: 41 Resp: 46005
Ion Ratio Lower Upper
41 100
76 0.2 25.9 38.9#
39 139.1 66.8 100.2#



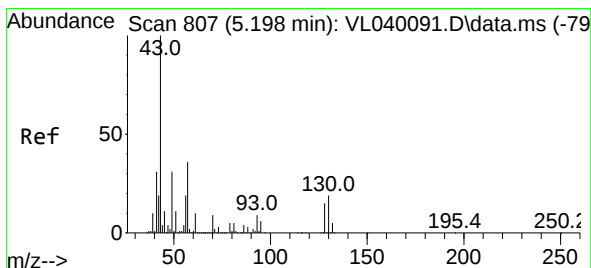
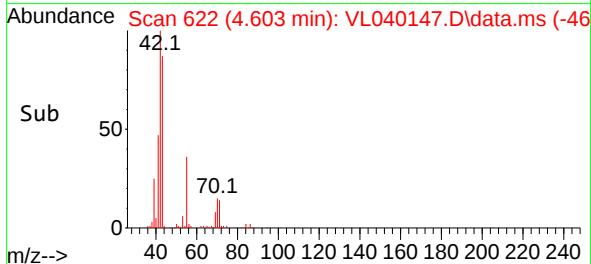
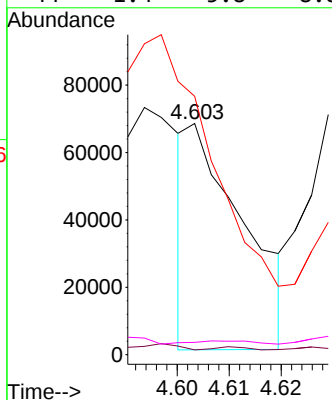
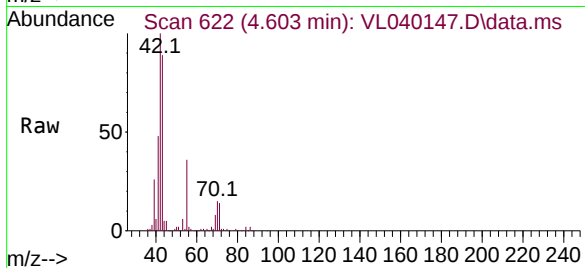


#23
 Vinyl Acetate
 Concen: 1.311 ppbv
 RT: 4.603 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: VL040147.D
 Acq: 6 Feb 2023 15:45

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 43 Resp: 50084

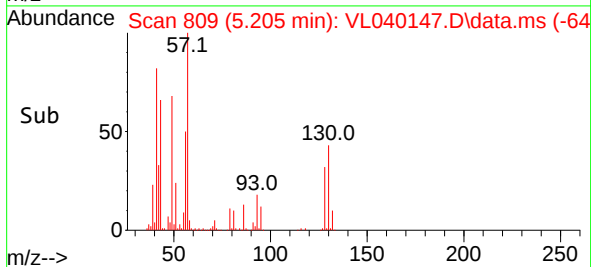
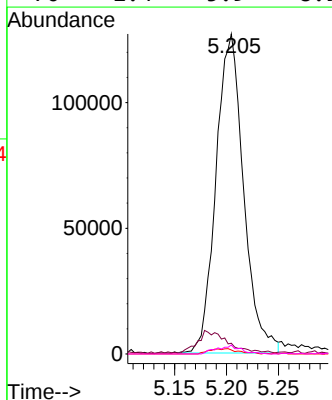
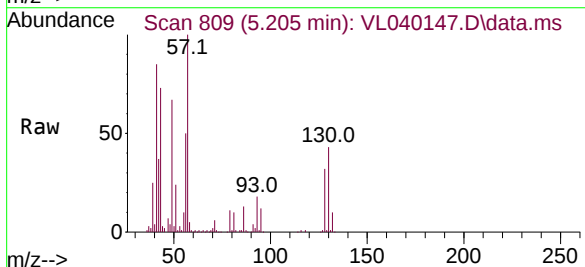
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.6	8.4#
42	146.0	7.7	11.5#
44	1.4	5.8	8.8#

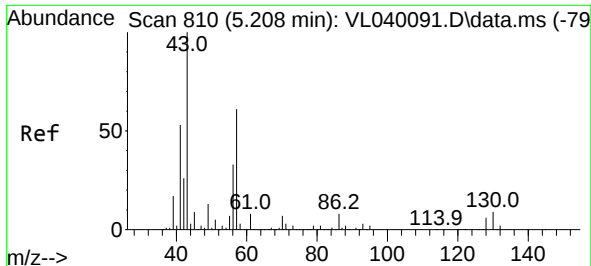


#25
 Ethyl Acetate
 Concen: 1.130 ppbv
 RT: 5.205 min Scan# 809
 Delta R.T. 0.016 min
 Lab File: VL040147.D
 Acq: 6 Feb 2023 15:45

Tgt Ion: 43 Resp: 234676

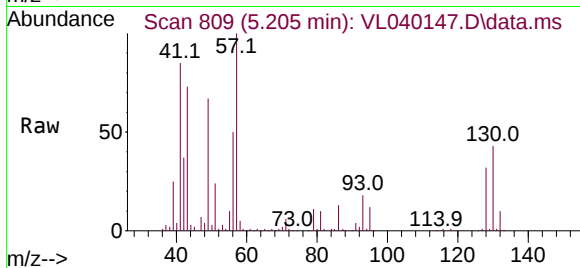
Ion	Ratio	Lower	Upper
43	100		
45	8.2	8.5	12.7#
61	1.8	8.4	12.6#
70	2.4	5.9	8.9#



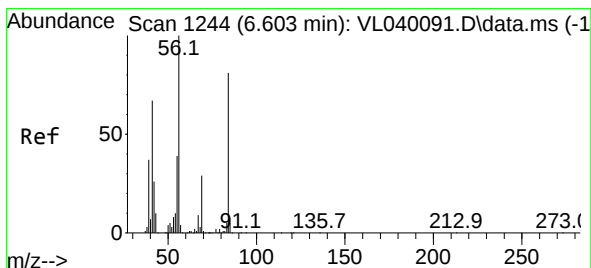
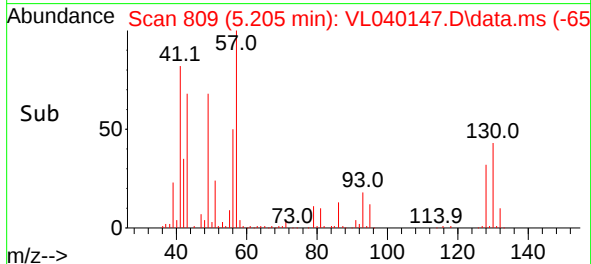
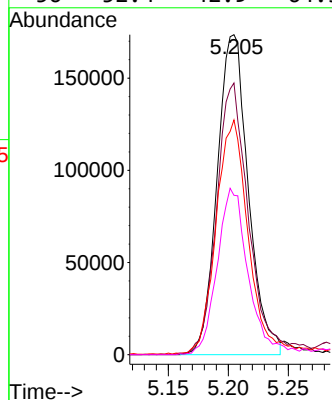


#26
Hexane
Concen: 3.458 ppbv
RT: 5.205 min Scan# 810
Delta R.T. 0.006 min
Lab File: VL040147.D
Acq: 6 Feb 2023 15:45

Instrument :
MSVOA_L
ClientSampleId :

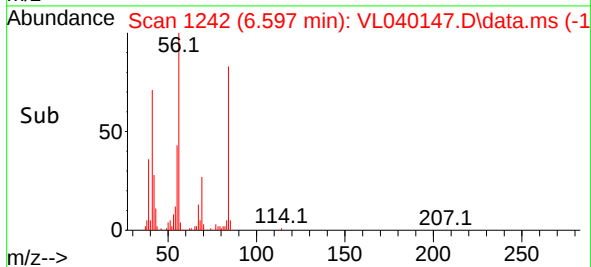
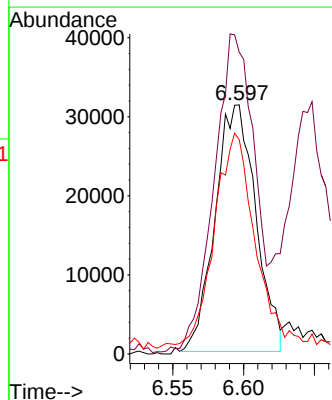
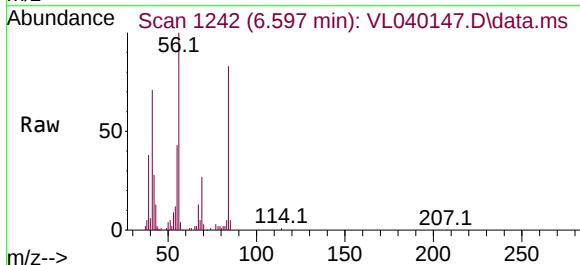


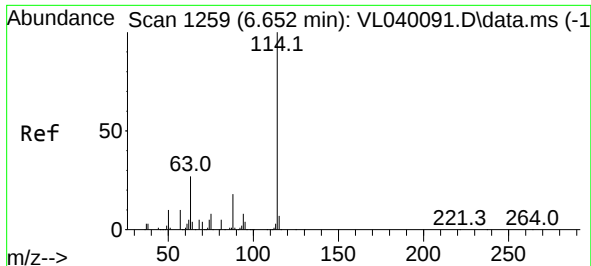
Tgt Ion: 57 Resp: 314204
Ion Ratio Lower Upper
57 100
41 88.2 72.2 108.4
43 78.6 192.1 288.1#
56 52.4 42.9 64.3



#30
Cyclohexane
Concen: 0.863 ppbv
RT: 6.597 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VL040147.D
Acq: 6 Feb 2023 15:45

Tgt Ion: 84 Resp: 62320
Ion Ratio Lower Upper
84 100
56 127.0 111.5 167.3
41 90.9 71.4 107.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 114

Delta R.T. 0.006 min

Lab File: VL040147.D

Acq: 6 Feb 2023 15:45

Instrument :

MSVOA_L

ClientSampleId :

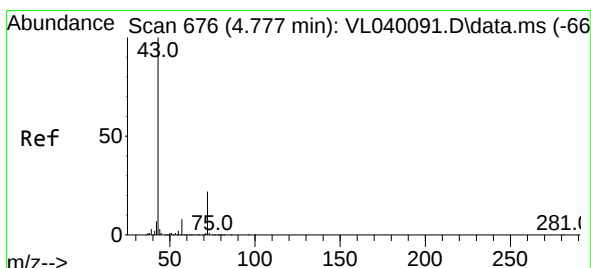
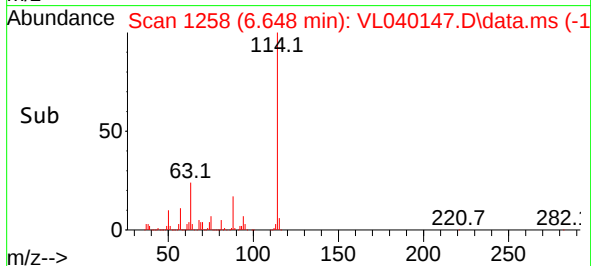
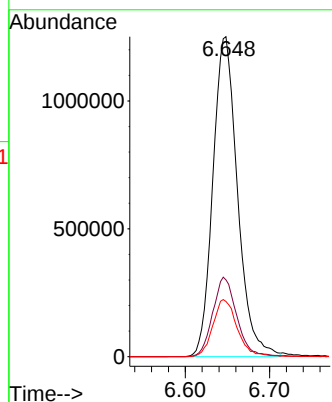
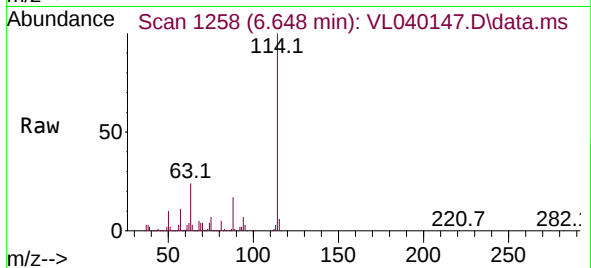
Tgt Ion:114 Resp: 2540513

Ion Ratio Lower Upper

114 100

63 24.5 21.8 32.8

88 17.7 14.8 22.2



#34

2-Butanone

Concen: 0.412 ppbv

RT: 4.780 min Scan# 677

Delta R.T. 0.010 min

Lab File: VL040147.D

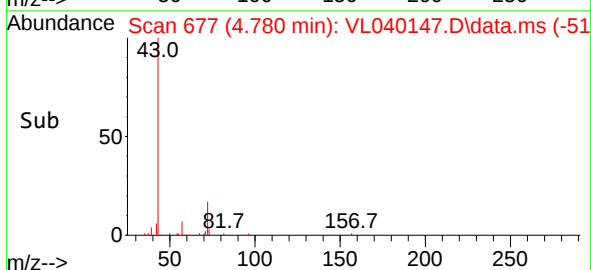
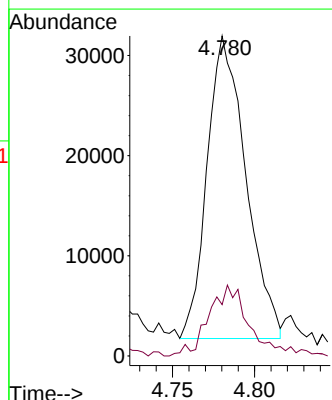
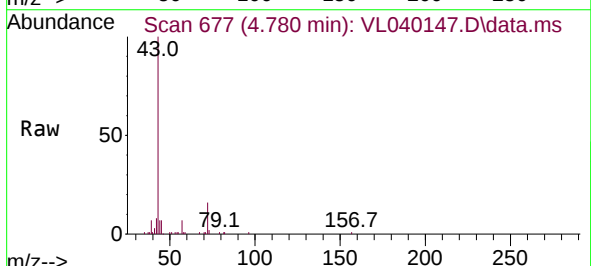
Acq: 6 Feb 2023 15:45

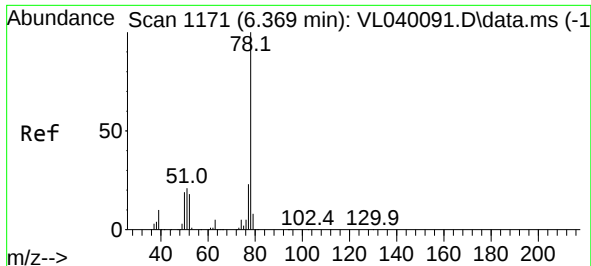
Tgt Ion: 43 Resp: 49564

Ion Ratio Lower Upper

43 100

72 24.7 18.4 27.6

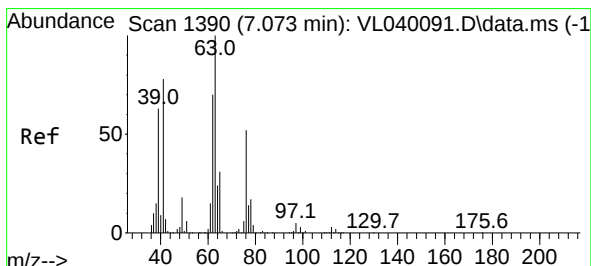
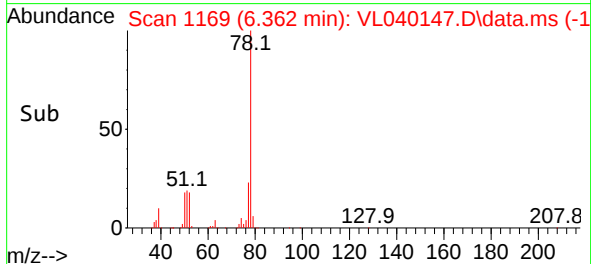
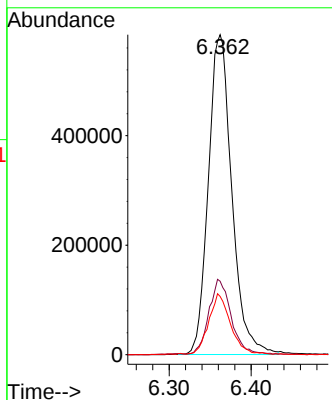
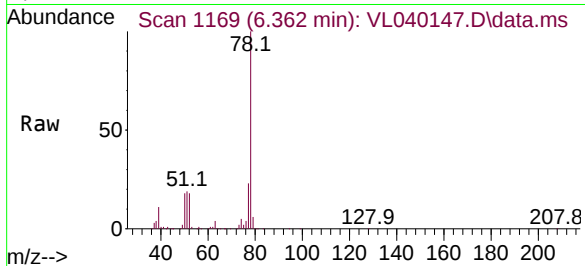




#36
Benzene
Concen: 6.166 ppbv
RT: 6.362 min Scan# 1171
Delta R.T. 0.003 min
Lab File: VL040147.D
Acq: 6 Feb 2023 15:45

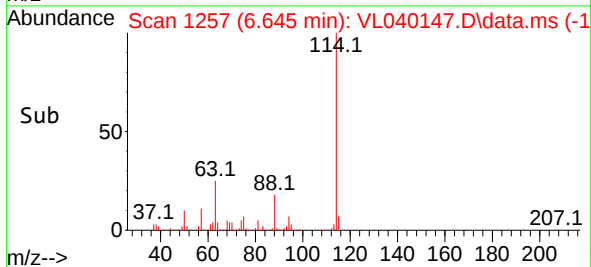
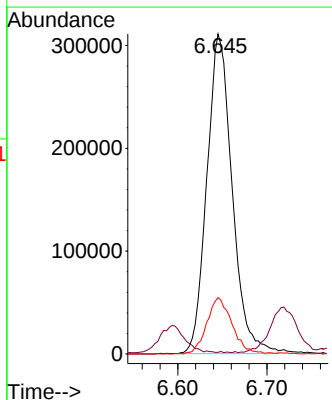
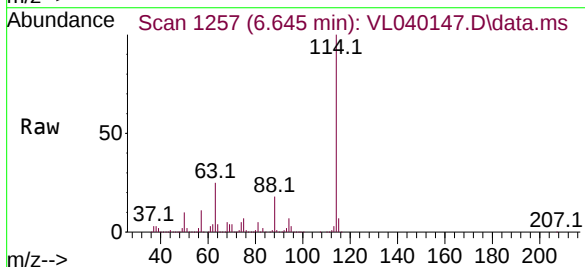
Instrument :
MSVOA_L
ClientSampleId :

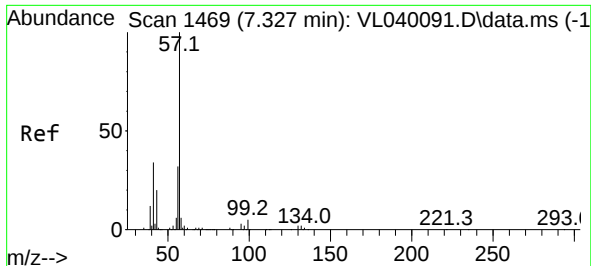
Tgt Ion: 78 Resp: 1159293
Ion Ratio Lower Upper
78 100
77 22.8 18.1 27.1
50 18.0 15.6 23.4



#39
1,2-Dichloropropane
Concen: 8.317 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. -0.418 min
Lab File: VL040147.D
Acq: 6 Feb 2023 15:45

Tgt Ion: 63 Resp: 611647
Ion Ratio Lower Upper
63 100
41 0.0 62.2 93.4#
62 17.5 55.8 83.8#





#44

2,2,4-Trimethylpentane

Concen: 1.296 ppbv

RT: 7.317 min Scan# 1466

Delta R.T. 0.003 min

Lab File: VL040147.D

Acq: 6 Feb 2023 15:45

Instrument :

MSVOA_L

ClientSampleId :

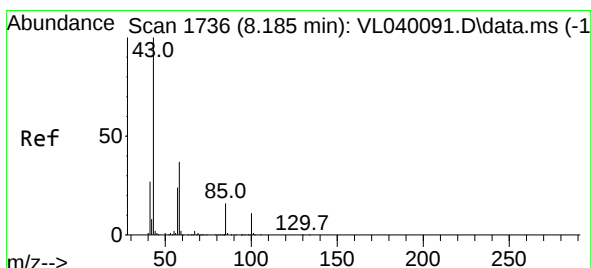
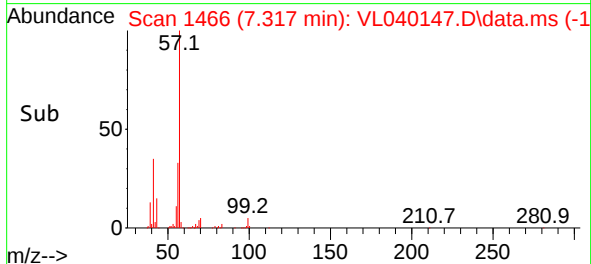
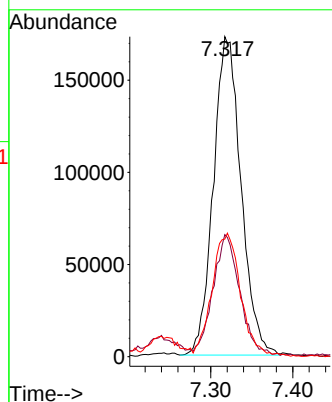
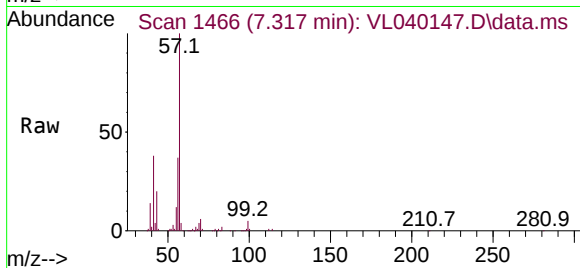
Tgt Ion: 57 Resp: 405322

Ion Ratio Lower Upper

57 100

41 37.3 27.1 40.7

56 40.8 25.0 37.4#



#50

4-Methyl-2-Pentanone

Concen: 0.123 ppbv

RT: 8.188 min Scan# 1737

Delta R.T. 0.019 min

Lab File: VL040147.D

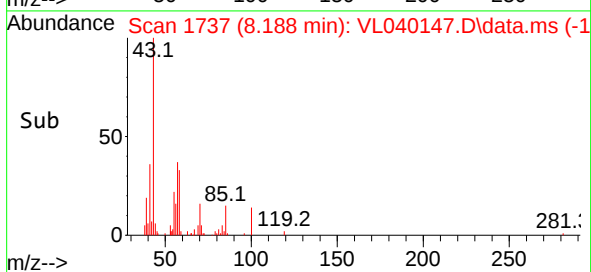
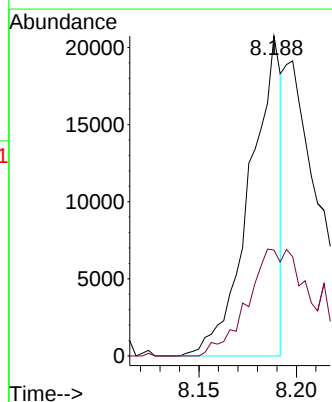
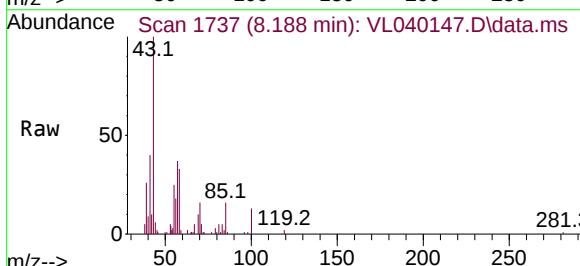
Acq: 6 Feb 2023 15:45

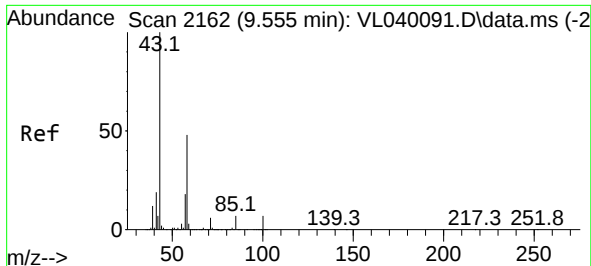
Tgt Ion: 43 Resp: 23194

Ion Ratio Lower Upper

43 100

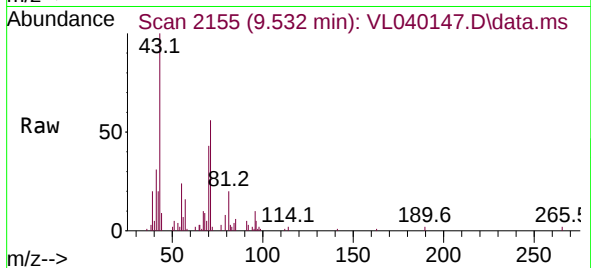
58 77.4 28.8 43.2#



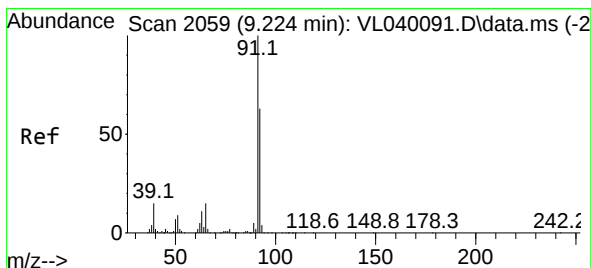
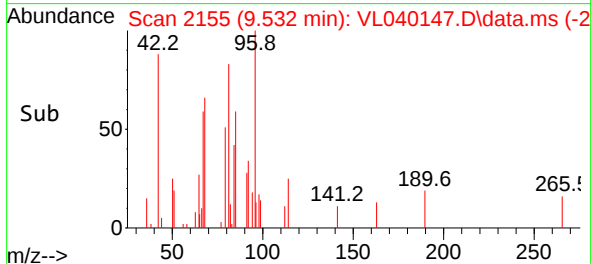
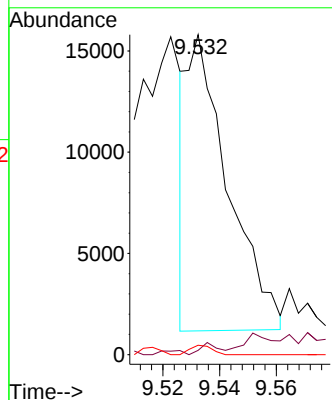


#51
2-Hexanone
Concen: 0.103 ppbv
RT: 9.532 min Scan# 2162
Delta R.T. -0.010 min
Lab File: VL040147.D
Acq: 6 Feb 2023 15:45

Instrument :
MSVOA_L
ClientSampleId :

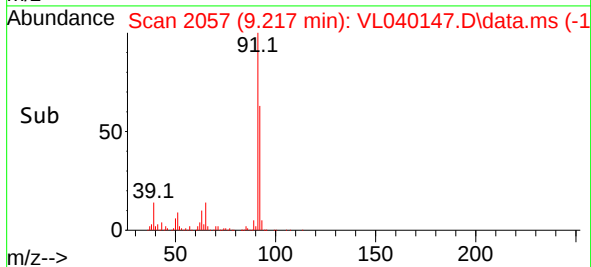
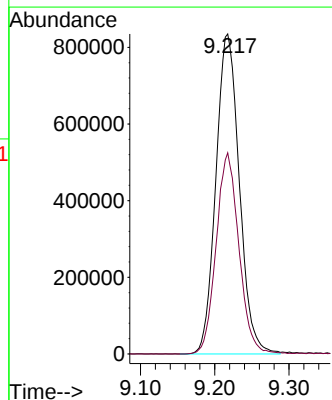
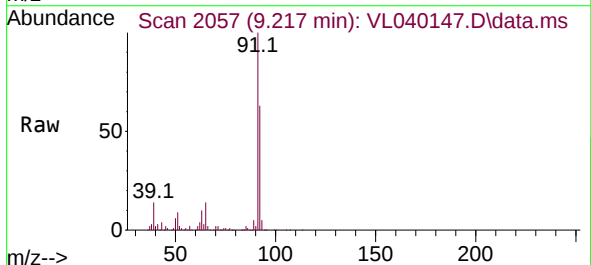


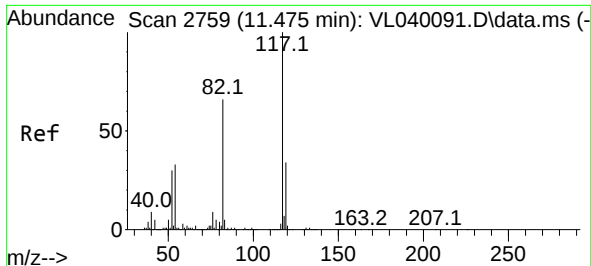
Tgt Ion: 43 Resp: 14744
Ion Ratio Lower Upper
43 100
58 16.3 37.5 56.3#
98 1.7 0.4 0.6#



#53
Toluene
Concen: 9.140 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VL040147.D
Acq: 6 Feb 2023 15:45

Tgt Ion: 91 Resp: 1832683
Ion Ratio Lower Upper
91 100
92 61.0 48.3 72.5

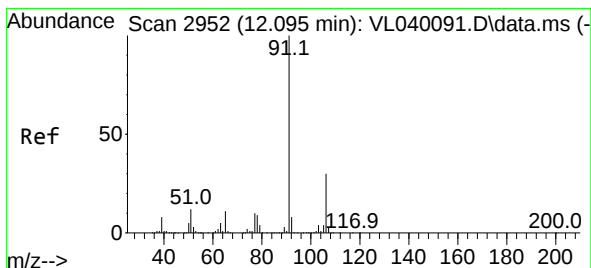
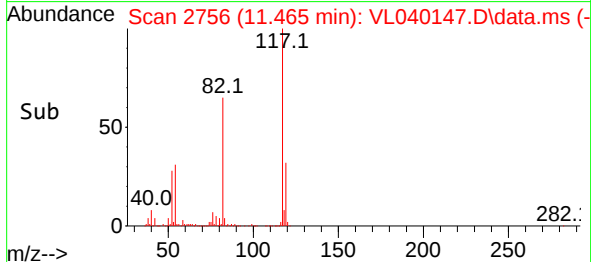
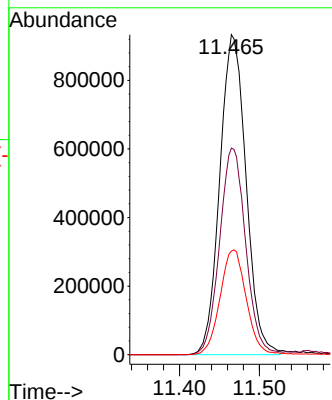
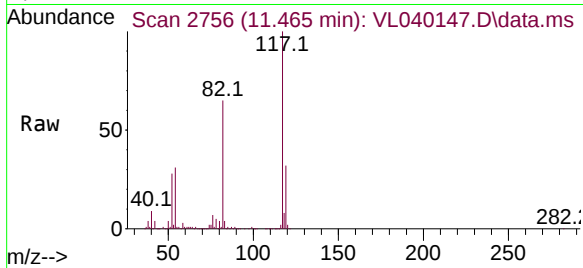




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 211
Delta R.T. 0.006 min
Lab File: VL040147.D
Acq: 6 Feb 2023 15:45

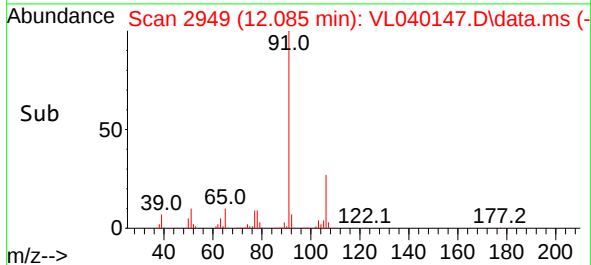
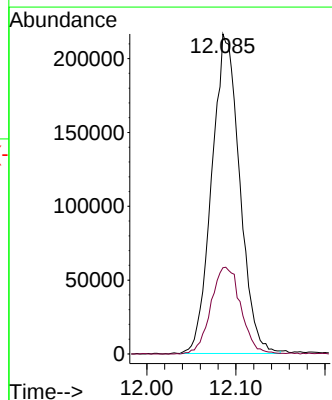
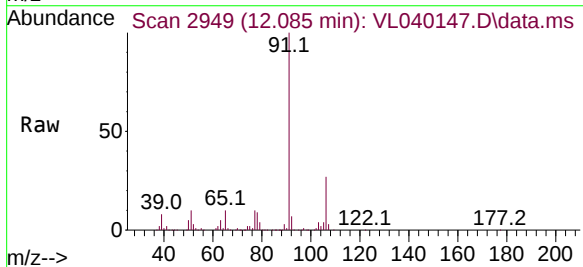
Instrument :
MSVOA_L
ClientSampleId :

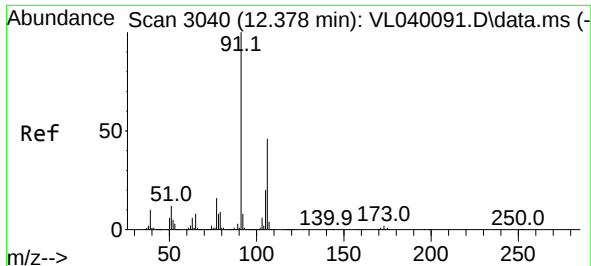
Tgt Ion:117 Resp: 2125828
Ion Ratio Lower Upper
117 100
82 64.6 54.4 81.6
119 33.0 26.8 40.2



#58
Ethyl Benzene
Concen: 1.984 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VL040147.D
Acq: 6 Feb 2023 15:45

Tgt Ion: 91 Resp: 470580
Ion Ratio Lower Upper
91 100
106 27.0 23.7 35.5





#59

m/p-Xylene

Concen: 4.898 ppbv

RT: 12.346 min Scan# 3040

Delta R.T. -0.019 min

Lab File: VL040147.D

Acq: 6 Feb 2023 15:45

Instrument :

MSVOA_L

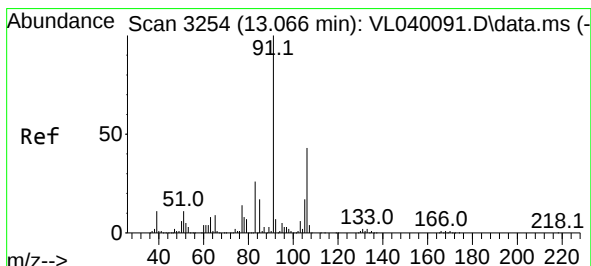
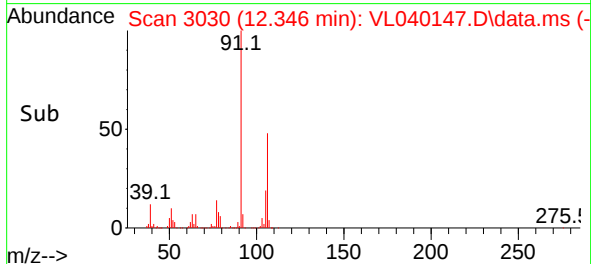
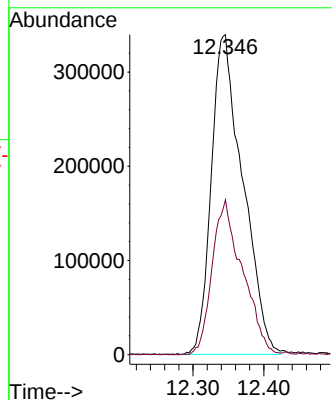
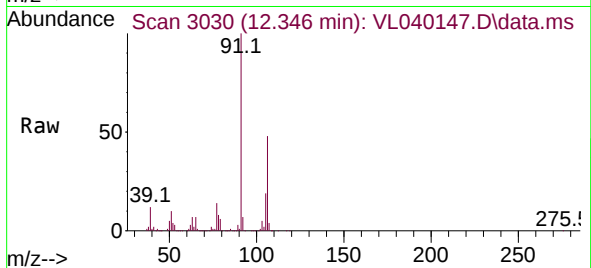
ClientSampleId :

Tgt Ion: 91 Resp: 1044759

Ion Ratio Lower Upper

91 100

106 47.0 34.2 51.4



#60

o-Xylene

Concen: 1.993 ppbv

RT: 13.056 min Scan# 3251

Delta R.T. 0.006 min

Lab File: VL040147.D

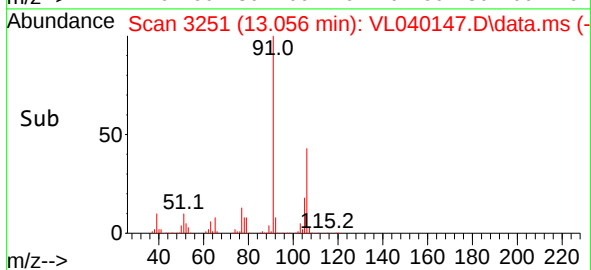
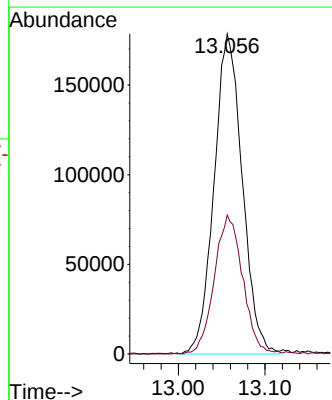
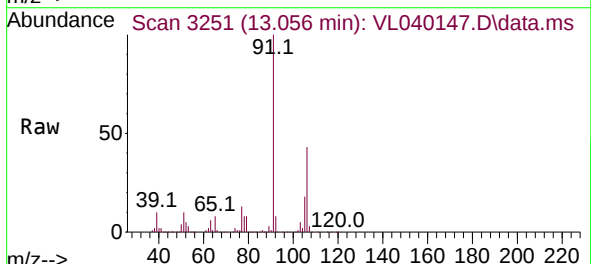
Acq: 6 Feb 2023 15:45

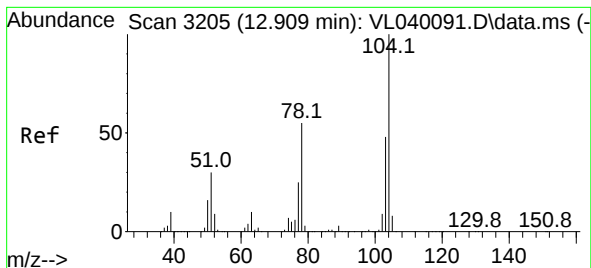
Tgt Ion: 91 Resp: 403461

Ion Ratio Lower Upper

91 100

106 44.1 21.6 64.8





#61

Styrene

Concen: 0.196 ppbv

RT: 12.902 min Scan# 31

Delta R.T. 0.010 min

Lab File: VL040147.D

Acq: 6 Feb 2023 15:45

Instrument :

MSVOA_L

ClientSampleId :

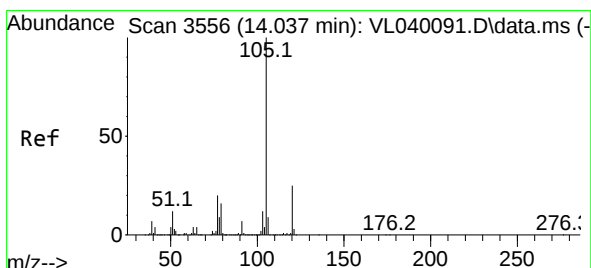
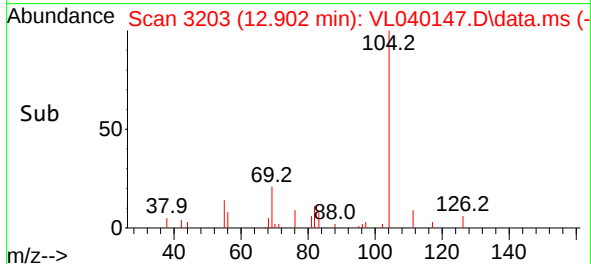
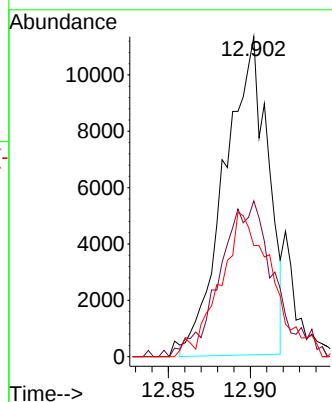
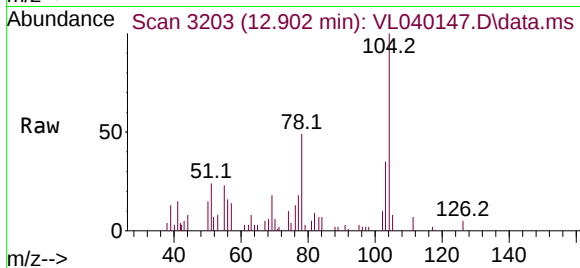
Tgt Ion:104 Resp: 20661

Ion Ratio Lower Upper

104 100

78 61.7 44.0 66.0

103 55.2 37.8 56.6



#62

Isopropylbenzene

Concen: 0.129 ppbv

RT: 14.031 min Scan# 3554

Delta R.T. 0.006 min

Lab File: VL040147.D

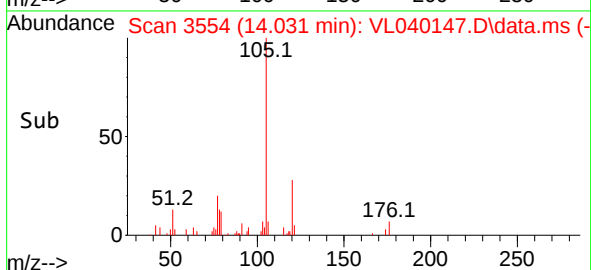
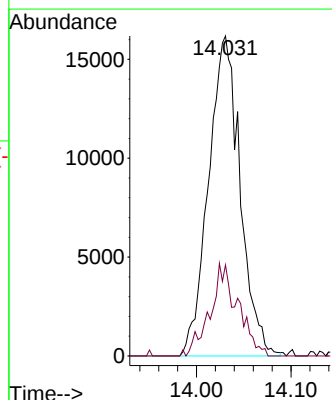
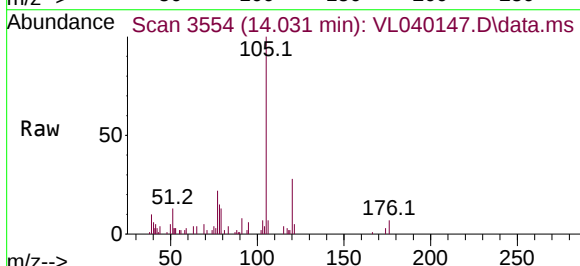
Acq: 6 Feb 2023 15:45

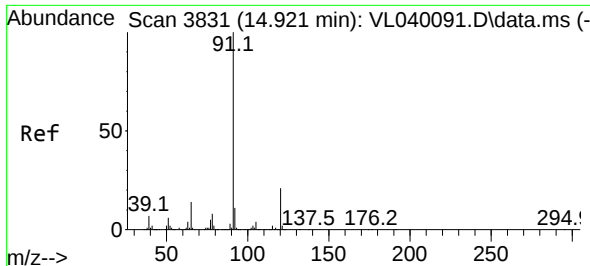
Tgt Ion:105 Resp: 37555

Ion Ratio Lower Upper

105 100

120 25.5 20.2 30.2

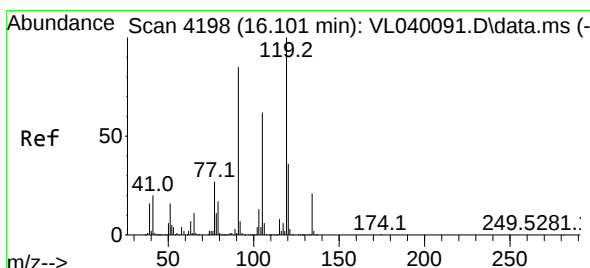
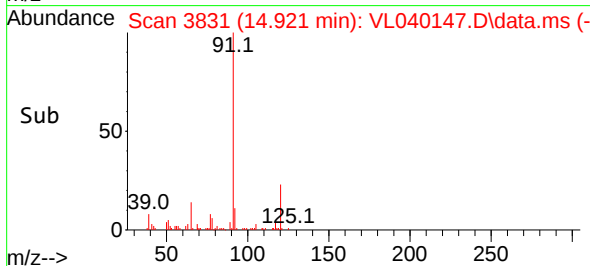
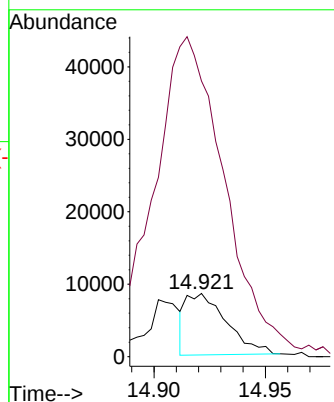
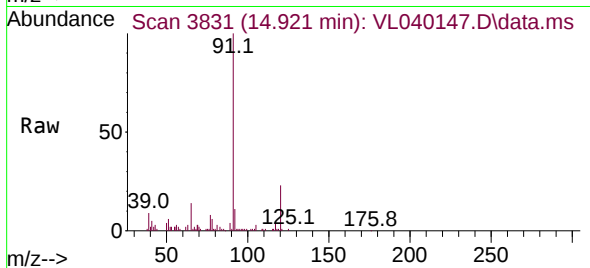




#64
n-propylbenzene
Concen: 0.148 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. 0.010 min
Lab File: VL040147.D
Acq: 6 Feb 2023 15:45

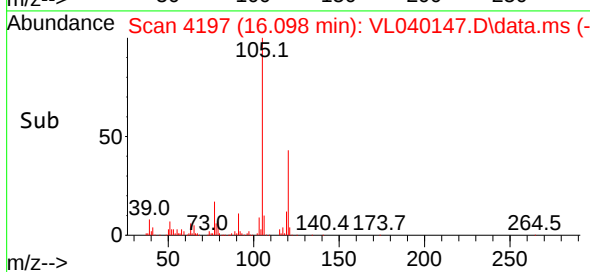
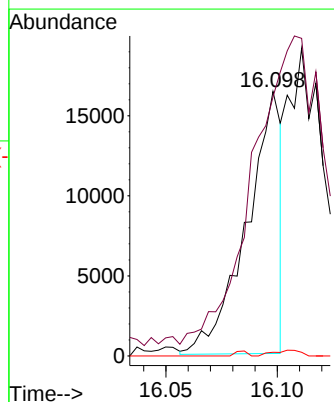
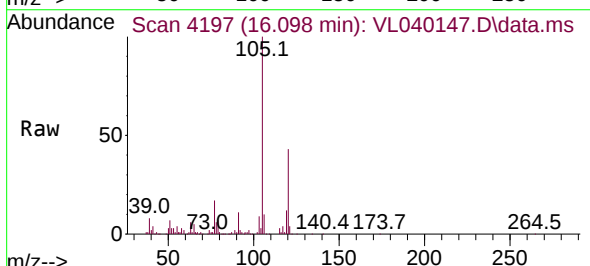
Instrument :
MSVOA_L
ClientSampleId :

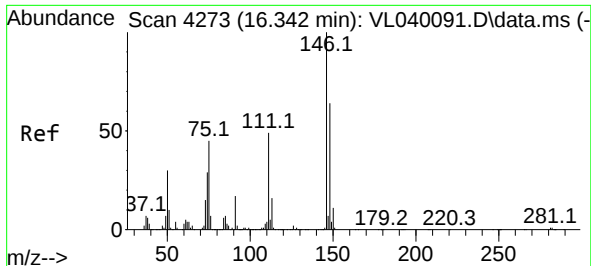
Tgt Ion:120 Resp: 10720
Ion Ratio Lower Upper
120 100
91 929.0 397.0 595.4#



#65
tert-Butylbenzene
Concen: 0.071 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. 0.013 min
Lab File: VL040147.D
Acq: 6 Feb 2023 15:45

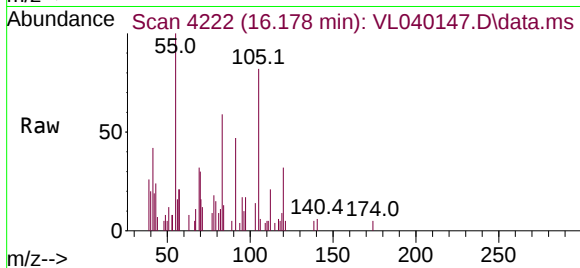
Tgt Ion:119 Resp: 17651
Ion Ratio Lower Upper
119 100
91 0.0 69.5 104.3#
134 0.0 15.8 23.8#



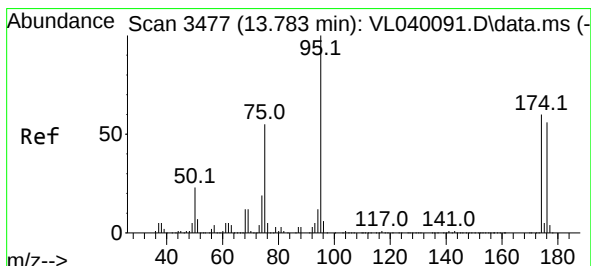
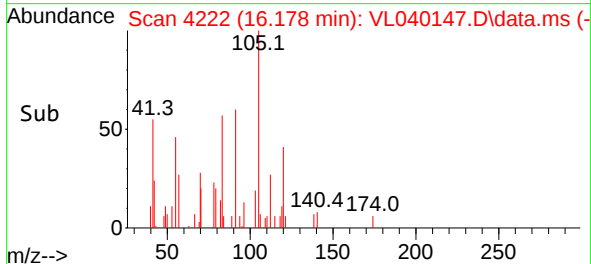
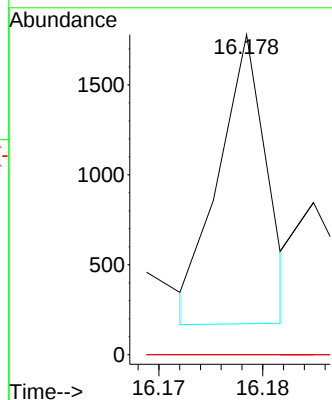


#66
Benzyl Chloride
Concen: 0.031 ppbv
RT: 16.178 min Scan# 41
Delta R.T. -0.145 min
Lab File: VL040147.D
Acq: 6 Feb 2023 15:45

Instrument :
MSVOA_L
ClientSampleId :

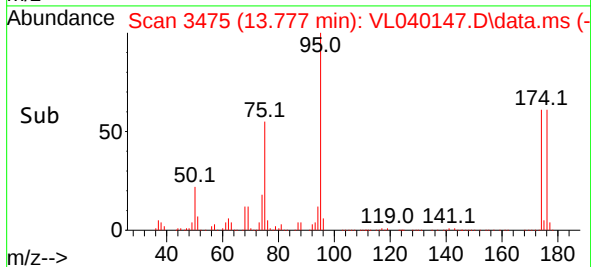
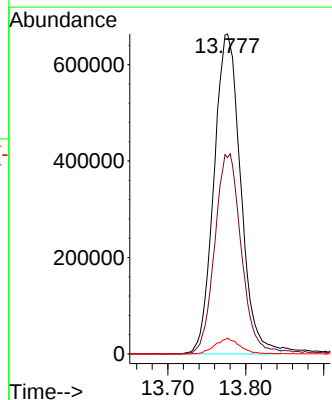
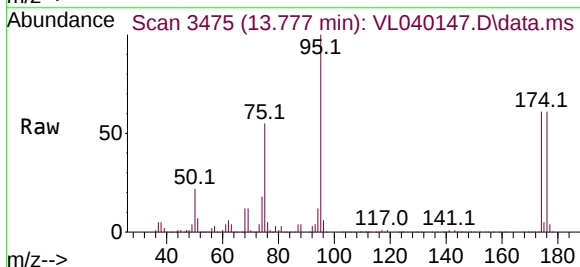


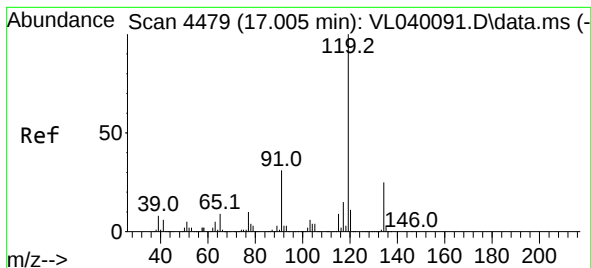
Tgt Ion: 91 Resp: 520
Ion Ratio Lower Upper
91 100
126 203.8 11.5 17.3#
128 0.0 0.0 0.0



#68
1-Bromo-4-Fluorobenzene
Concen: 8.950 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.006 min
Lab File: VL040147.D
Acq: 6 Feb 2023 15:45

Tgt Ion: 95 Resp: 1581276
Ion Ratio Lower Upper
95 100
174 63.2 47.7 71.5
175 4.7 3.4 5.2





#69

p-Isopropyltoluene

Concen: 0.074 ppbv

RT: 16.995 min Scan# 4479

Delta R.T. 0.006 min

Lab File: VL040147.D

Acq: 6 Feb 2023 15:45

Instrument :

MSVOA_L

ClientSampleId :

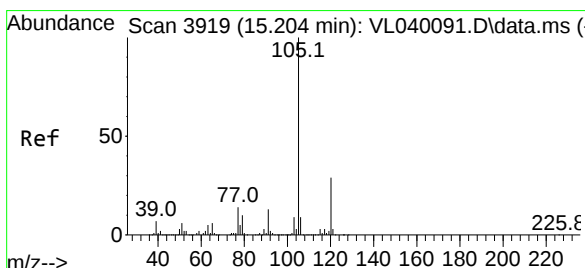
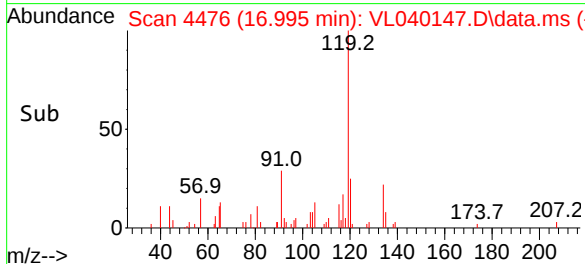
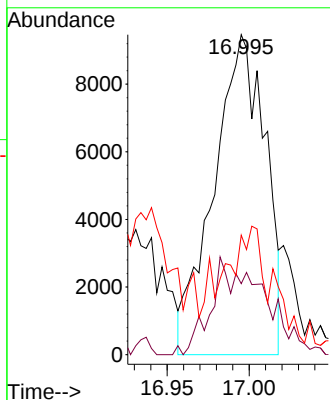
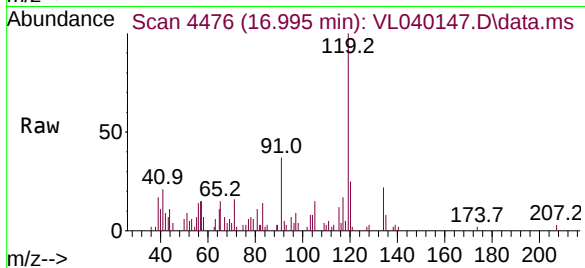
Tgt Ion:119 Resp: 20603

Ion Ratio Lower Upper

119 100

134 31.6 20.1 30.1#

91 44.9 25.0 37.4#



#72

4-Ethyltoluene

Concen: 0.316 ppbv

RT: 15.195 min Scan# 3916

Delta R.T. 0.006 min

Lab File: VL040147.D

Acq: 6 Feb 2023 15:45

Tgt Ion:105 Resp: 70994

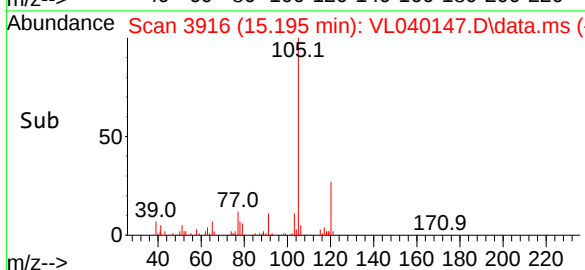
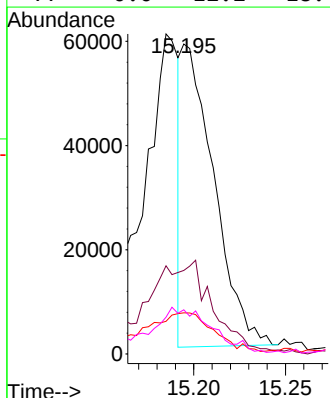
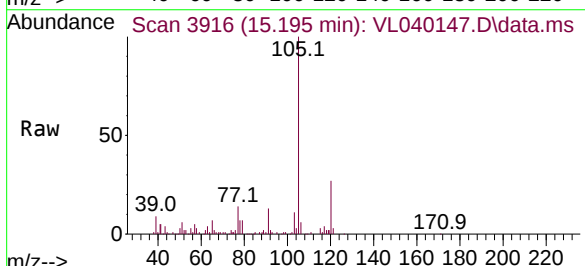
Ion Ratio Lower Upper

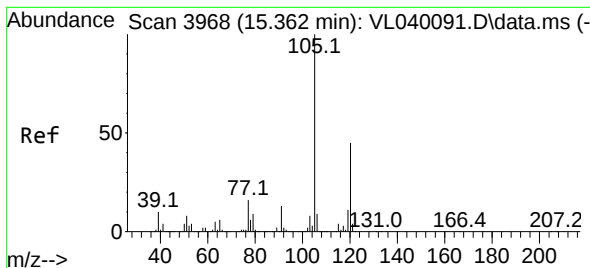
105 100

120 62.6 23.1 34.7#

91 26.0 11.2 16.8#

77 0.0 12.2 18.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.232 ppbv

RT: 15.355 min Scan# 3968

Delta R.T. 0.006 min

Lab File: VL040147.D

Acq: 6 Feb 2023 15:45

Instrument :

MSVOA_L

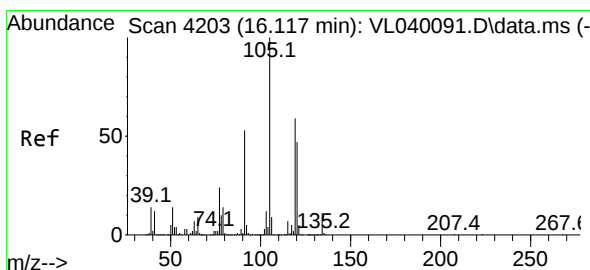
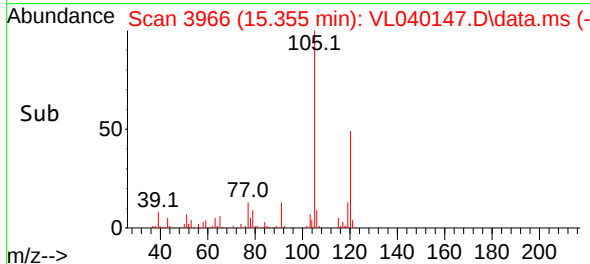
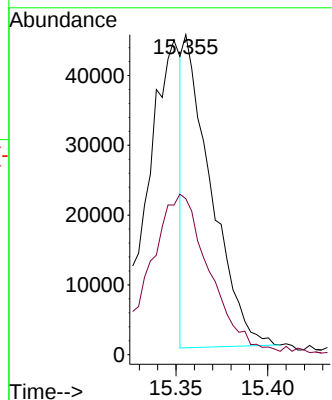
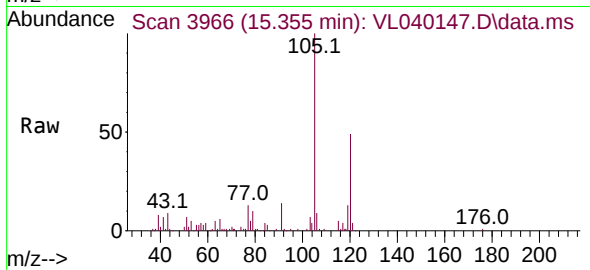
ClientSampleId :

Tgt Ion:105 Resp: 46995

Ion Ratio Lower Upper

105 100

120 49.2 36.2 54.4



#74

1,2,4-Trimethylbenzene

Concen: 1.725 ppbv

RT: 16.108 min Scan# 4200

Delta R.T. 0.006 min

Lab File: VL040147.D

Acq: 6 Feb 2023 15:45

Tgt Ion:105 Resp: 386504

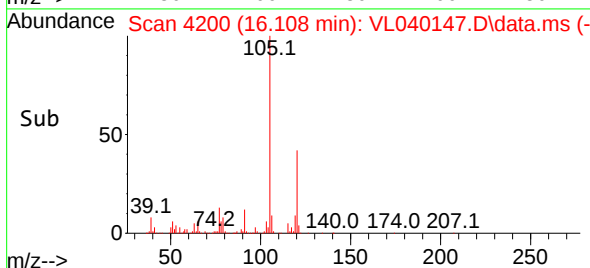
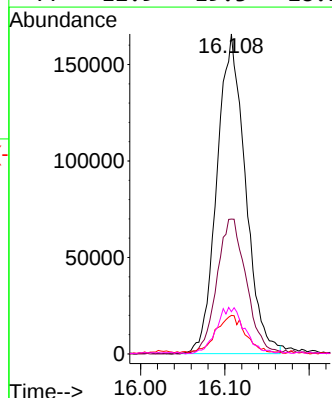
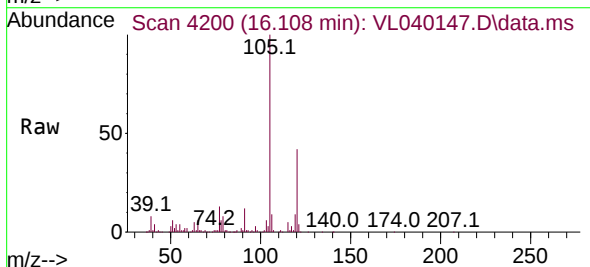
Ion Ratio Lower Upper

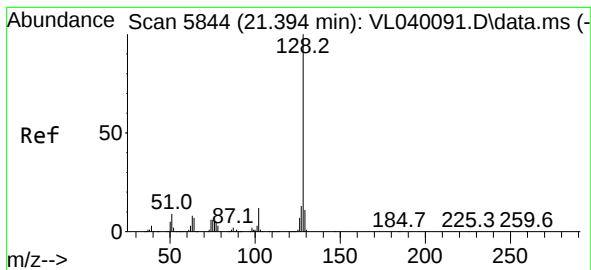
105 100

120 42.2 38.0 57.0

91 11.6 42.1 63.1#

77 12.9 19.3 28.9#





#79

Naphthalene

Concen: 0.042 ppbv

RT: 21.390 min Scan# 51

Delta R.T. 0.013 min

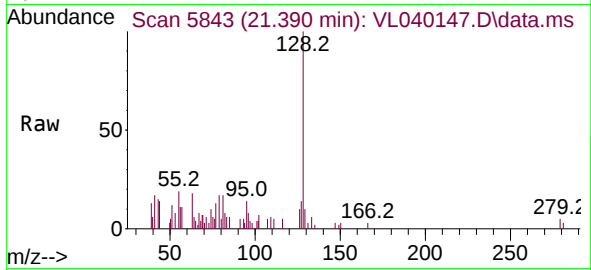
Lab File: VL040147.D

Acq: 6 Feb 2023 15:45

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:128 Resp: 5396

Ion Ratio Lower Upper

128 100

127 31.5 10.3 15.5#

129 0.0 8.8 13.2#

