

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011923\
 Data File : VL040122.D
 Acq On : 19 Jan 2023 20:44
 Operator : SY/MD
 Sample : 01223-02DUP 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-2DLDUP

Quant Time: Jan 20 02:10:00 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 : Mon Jan 16 14:40:47 2023
 Response via : Initial Calibration

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

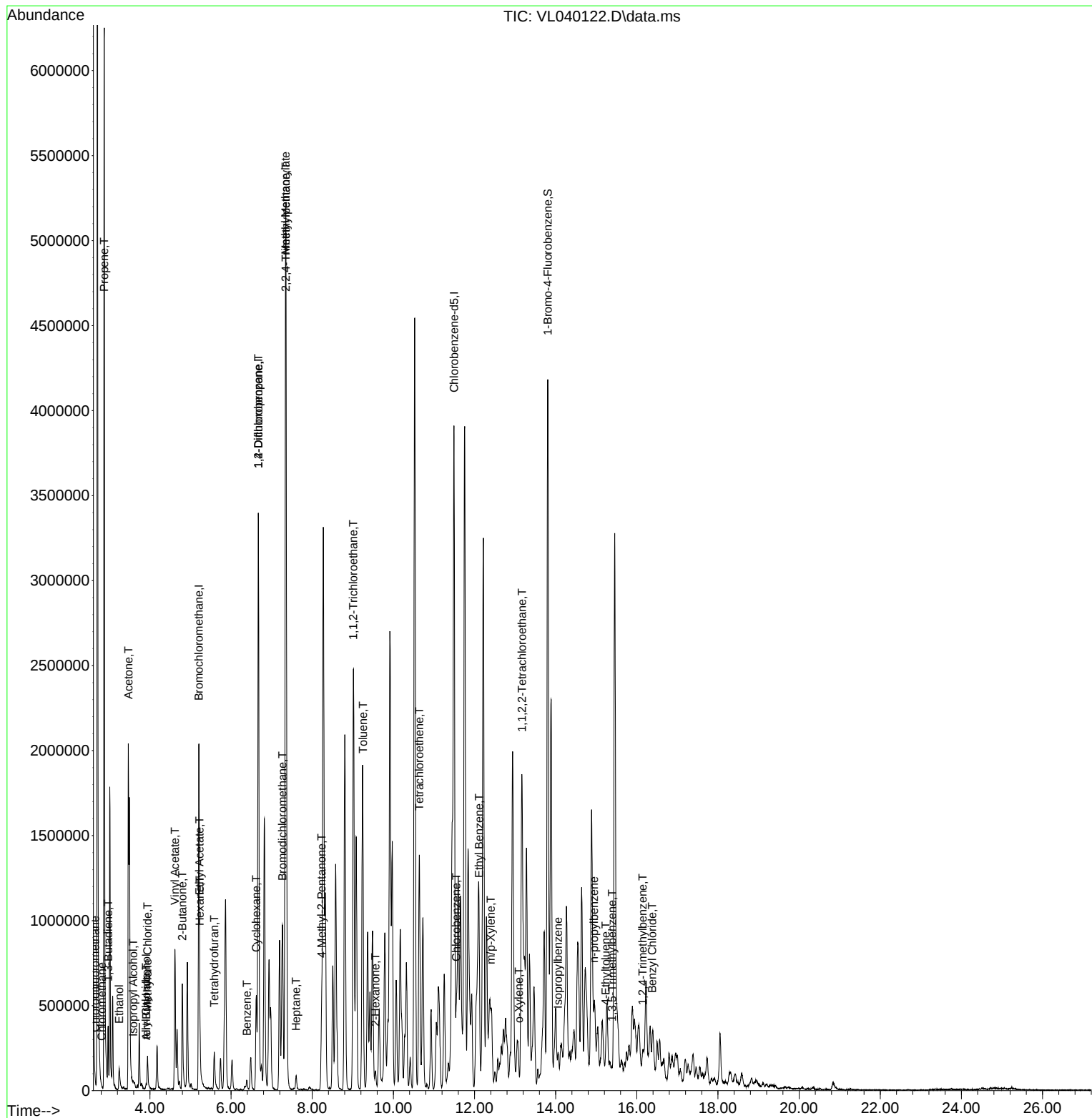
Internal Standards						
1) Bromochloromethane	5.205	49	978272	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.671	114	2706278	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.497	117	2491581	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.806	95	2052902	9.914	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.100%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.649	51	6504	0.055	ppbv #	69
4) Chloromethane	2.813	50	3578	0.049	ppbv #	82
9) Propene	2.874	41	1821025	37.353	ppbv	97
10) Heptane	7.603	43	29742	0.265	ppbv #	27
13) Ethanol	3.243	45	165022	36.777	ppbv	100
15) Acetone	3.468	43	2499112	21.301	ppbv	95
16) 1,3-Butadiene	2.970	39	82067	1.500	ppbv #	24
17) tert-Butyl alcohol	3.909	59	17483	0.160	ppbv #	72
19) Isopropyl Alcohol	3.591	45	33696	0.587	ppbv #	90
20) Methylene Chloride	3.941	84	64148	1.239	ppbv #	91
21) Allyl Chloride	3.903	41	2613	0.035	ppbv #	18
23) Vinyl Acetate	4.616	43	479710	12.613	ppbv #	8
25) Ethyl Acetate	5.224	43	110488	0.535	ppbv	96
26) Hexane	5.227	57	69219	0.765	ppbv #	73
30) Cyclohexane	6.619	84	207092	2.880	ppbv	91
34) 2-Butanone	4.796	43	769074	6.008	ppbv	100
36) Benzene	6.391	78	25052	0.125	ppbv	94
39) 1,2-Dichloropropane	6.671	63	644484	8.227	ppbv #	22
41) Tetrahydrofuran	5.584	42	136499	1.847	ppbv	95
42) Bromodichloromethane	7.269	83	50216	0.289	ppbv #	25
43) Methyl Methacrylate	7.340	69	289961	3.945	ppbv #	1
44) 2,2,4-Trimethylpentane	7.349	57	4065635	12.207	ppbv #	75
47) 1,1,2-Trichloroethane	9.012	97	57519	0.697	ppbv #	59
50) 4-Methyl-2-Pentanone	8.230	43	20373	0.101	ppbv #	63
51) 2-Hexanone	9.558	43	21021	0.138	ppbv #	30
52) Tetrachloroethene	10.642	164	6449	0.098	ppbv #	59
53) Toluene	9.250	91	212352	0.994	ppbv	99
57) Chlorobenzene	11.549	112	5319	0.031	ppbv #	26
58) Ethyl Benzene	12.114	91	90653	0.326	ppbv #	88
59) m/p-Xylene	12.401	91	49152	0.197	ppbv #	33
60) o-Xylene	13.095	91	29202	0.123	ppbv #	1
62) Isopropylbenzene	14.056	105	15505	0.045	ppbv #	61
63) 1,1,2,2-Tetrachloroethane	13.169	83	130151	1.511	ppbv #	29
64) n-propylbenzene	14.947	120	5783	0.068	ppbv #	1
66) Benzyl Chloride	16.378	91	655	0.033	ppbv #	65
72) 4-Ethyltoluene	15.230	105	12100	0.046	ppbv #	3
73) 1,3,5-Trimethylbenzene	15.388	105	9012	0.038	ppbv	94
74) 1,2,4-Trimethylbenzene	16.143	105	28643	0.109	ppbv #	59

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011923\
Data File : VL040122.D
Acq On : 19 Jan 2023 20:44
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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VP-2DLDUP

Quant Time: Jan 20 02:10:00 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 : Mon Jan 16 14:40:47 2023
Response via : Initial Calibration

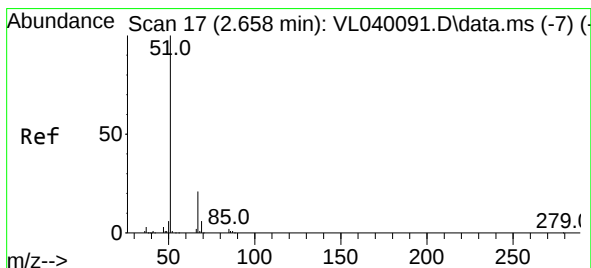
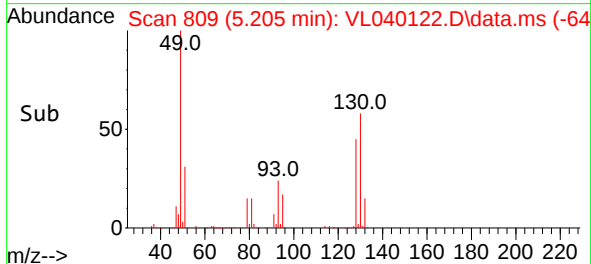
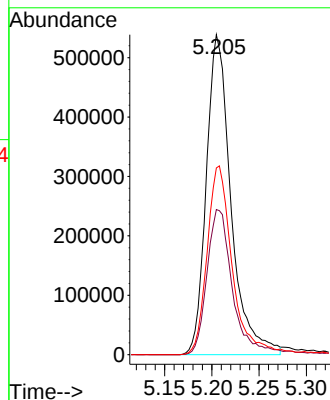
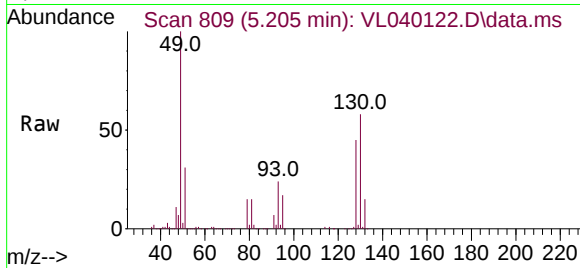




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. 0.020 min
Lab File: VL040122.D
Acq: 19 Jan 2023 20:44

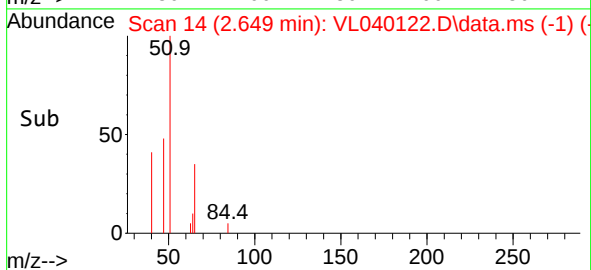
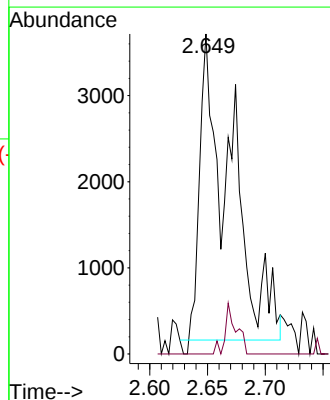
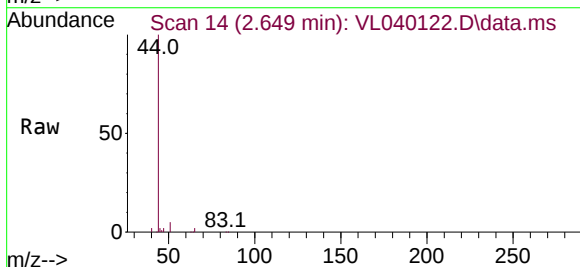
Instrument :
MSVOA_L
ClientSampleId :
VP-2DLDUP

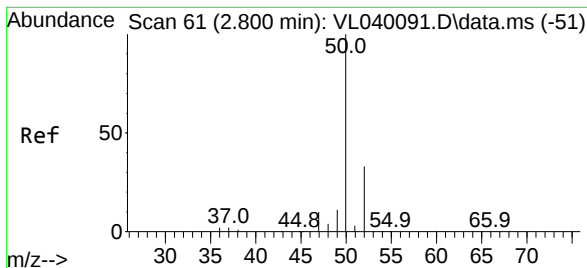
Tgt Ion: 49 Resp: 978272
Ion Ratio Lower Upper
49 100
128 48.2 23.6 71.0
130 62.1 29.8 89.3



#3
Chlorodifluoromethane
Concen: 0.055 ppbv
RT: 2.649 min Scan# 14
Delta R.T. -0.010 min
Lab File: VL040122.D
Acq: 19 Jan 2023 20:44

Tgt Ion: 51 Resp: 6504
Ion Ratio Lower Upper
51 100
67 6.1 16.4 24.6#





#4

Chloromethane

Concen: 0.049 ppbv

RT: 2.813 min Scan# 61

Delta R.T. 0.013 min

Lab File: VL040122.D

Acq: 19 Jan 2023 20:44

Instrument :

MSVOA_L

ClientSampleId :

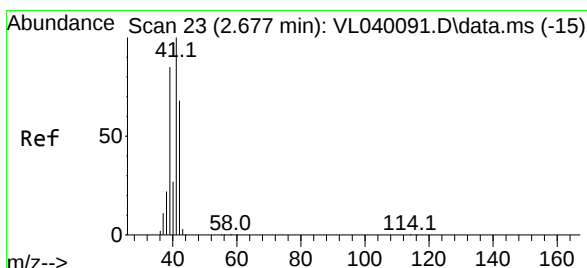
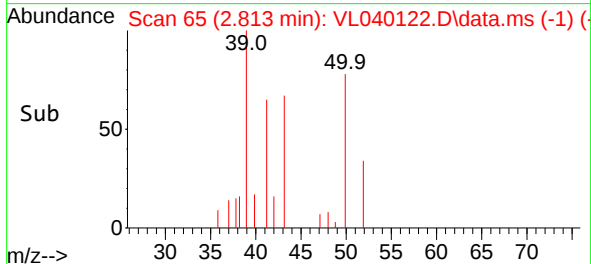
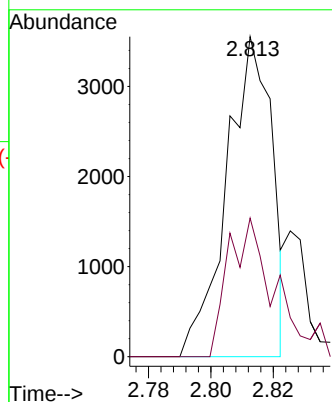
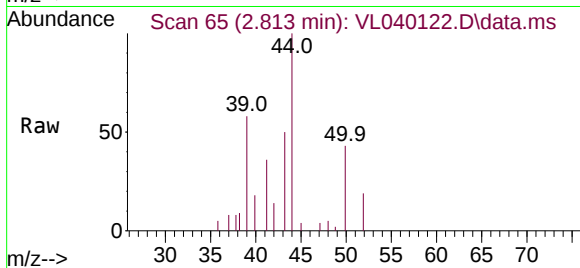
VP-2DLDUP

Tgt Ion: 50 Resp: 3578

Ion Ratio Lower Upper

50 100

52 43.3 26.5 39.7#



#9

Propene

Concen: 37.353 ppbv

RT: 2.874 min Scan# 84

Delta R.T. 0.196 min

Lab File: VL040122.D

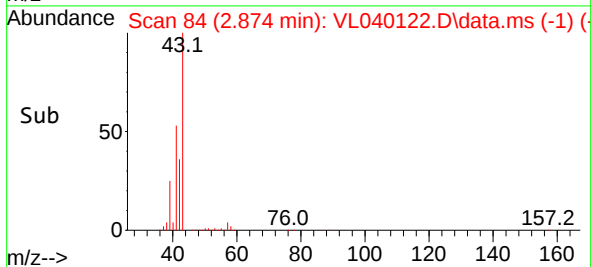
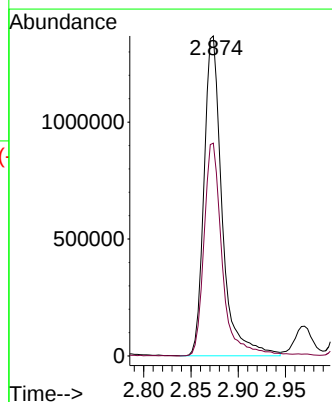
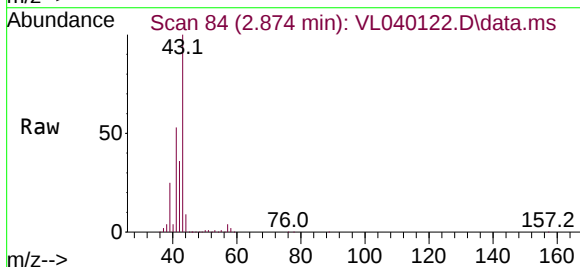
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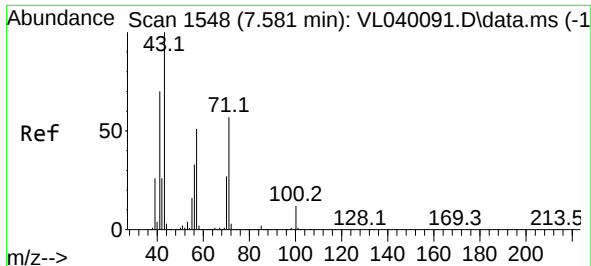
Tgt Ion: 41 Resp: 1821025

Ion Ratio Lower Upper

41 100

42 67.2 55.6 83.4

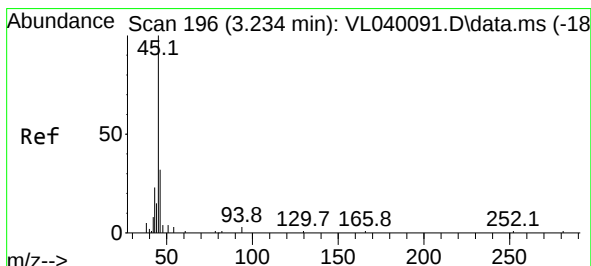
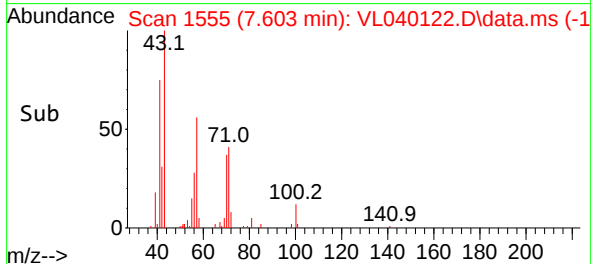
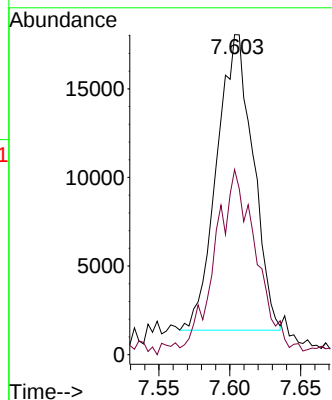
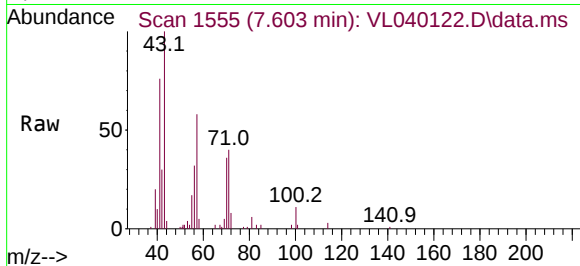




#10
Heptane
Concen: 0.265 ppbv
RT: 7.603 min Scan# 11
Delta R.T. 0.023 min
Lab File: VL040122.D
Acq: 19 Jan 2023 20:44

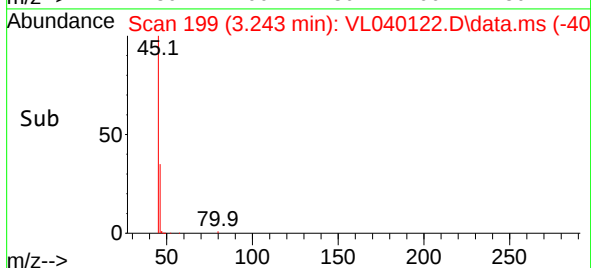
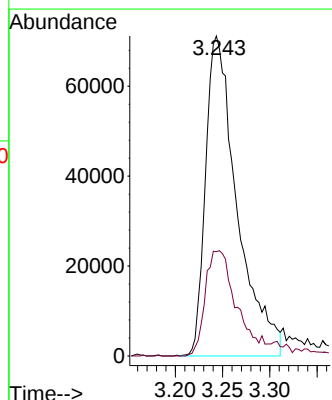
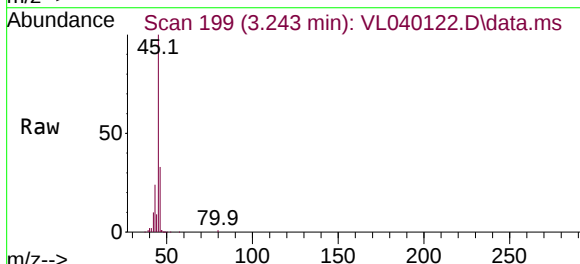
Instrument :
MSVOA_L
ClientSampleId :
VP-2DLDUP

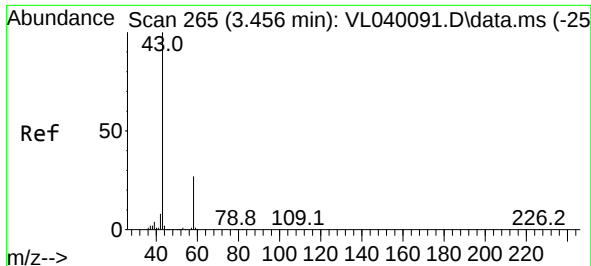
Tgt Ion: 43 Resp: 29742
Ion Ratio Lower Upper
43 100
57 0.0 40.9 61.3#



#13
Ethanol
Concen: 36.777 ppbv
RT: 3.243 min Scan# 199
Delta R.T. 0.010 min
Lab File: VL040122.D
Acq: 19 Jan 2023 20:44

Tgt Ion: 45 Resp: 165022
Ion Ratio Lower Upper
45 100
46 37.2 14.8 59.2





#15

Acetone

Concen: 21.301 ppbv

RT: 3.468 min Scan# 2

Delta R.T. 0.013 min

Lab File: VL040122.D

Acq: 19 Jan 2023 20:44

Instrument :

MSVOA_L

ClientSampleId :

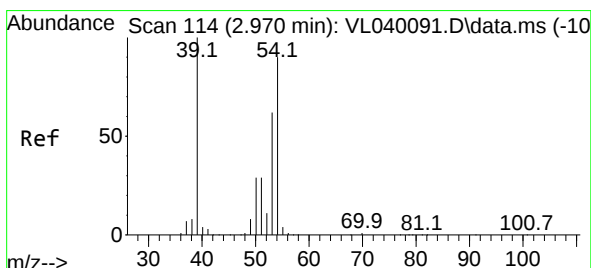
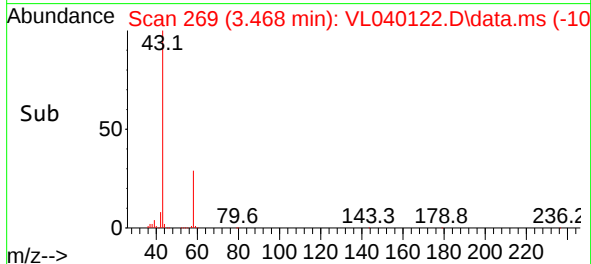
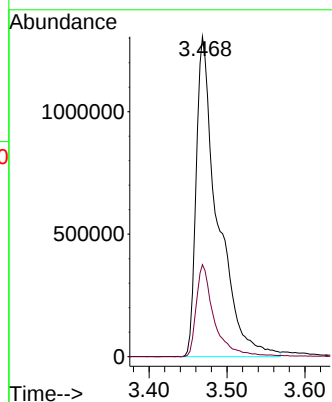
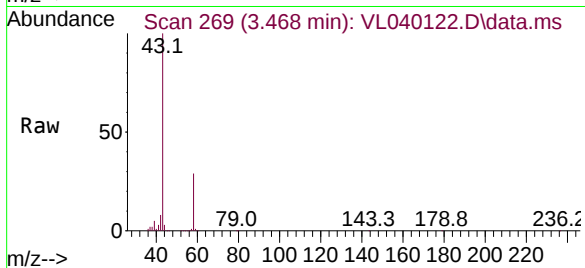
VP-2DLDUP

Tgt Ion: 43 Resp: 2499112

Ion Ratio Lower Upper

43 100

58 24.6 21.8 32.8



#16

1,3-Butadiene

Concen: 1.500 ppbv

RT: 2.970 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL040122.D

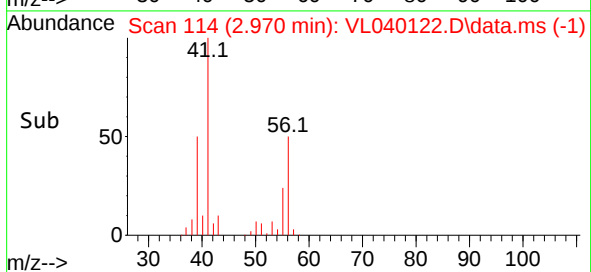
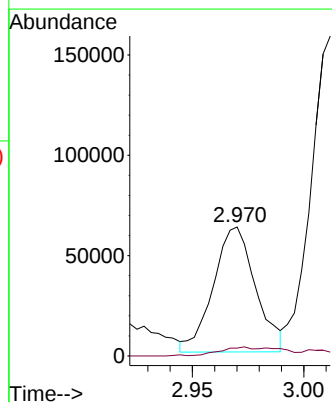
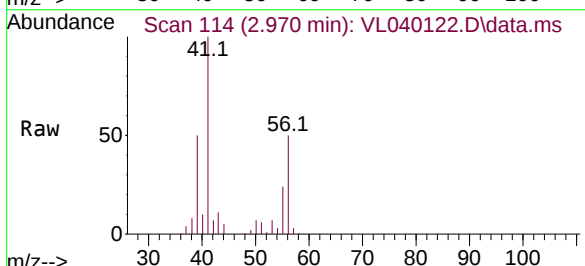
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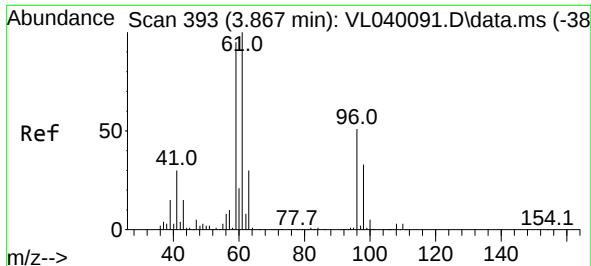
Tgt Ion: 39 Resp: 82067

Ion Ratio Lower Upper

39 100

54 16.0 67.9 101.9#





#17

tert-Butyl alcohol

Concen: 0.160 ppbv

RT: 3.909 min Scan# 406

Delta R.T. 0.042 min

Lab File: VL040122.D

Acq: 19 Jan 2023 20:44

Instrument :

MSVOA_L

ClientSampleId :

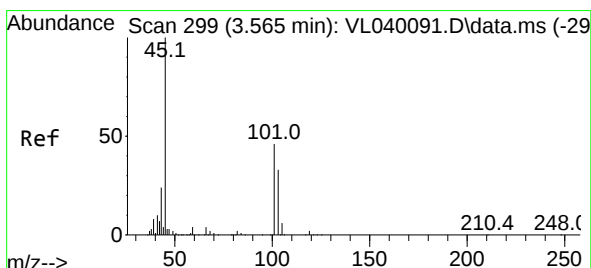
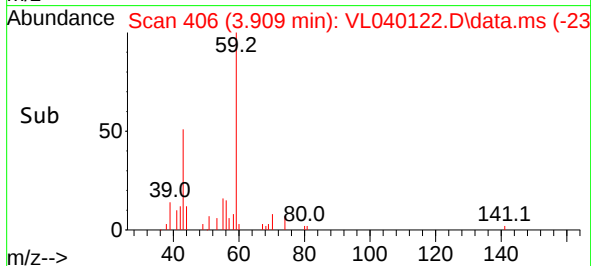
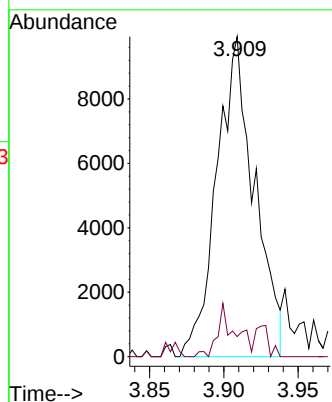
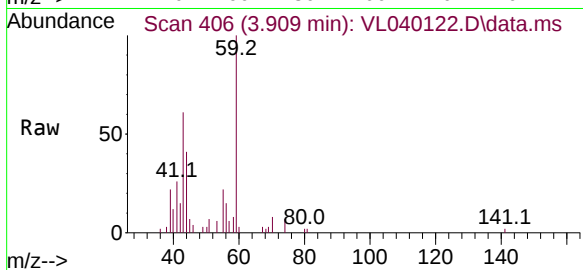
VP-2DLDUP

Tgt Ion: 59 Resp: 17483

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#19

Isopropyl Alcohol

Concen: 0.587 ppbv

RT: 3.591 min Scan# 307

Delta R.T. 0.026 min

Lab File: VL040122.D

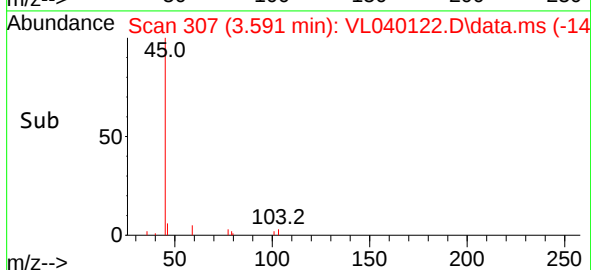
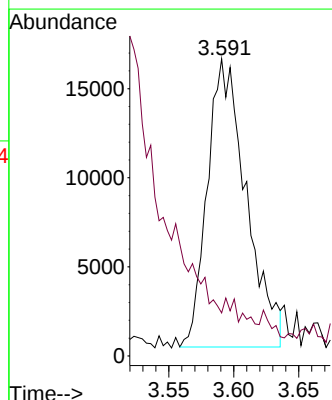
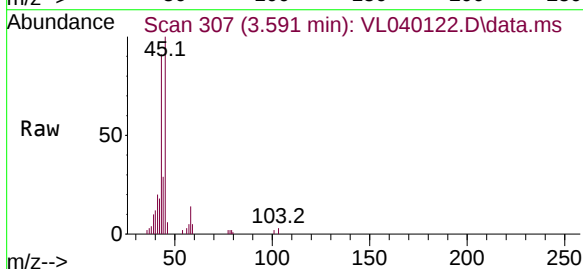
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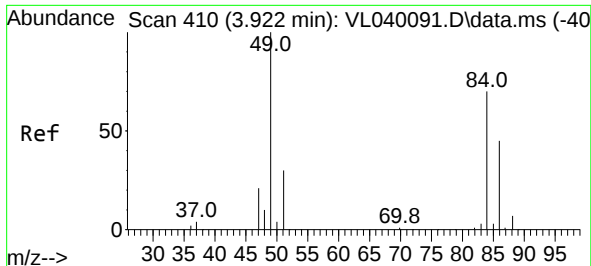
Tgt Ion: 45 Resp: 33696

Ion Ratio Lower Upper

45 100

58 0.0 2.6 4.0#

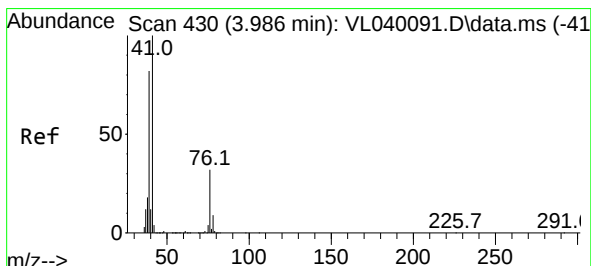
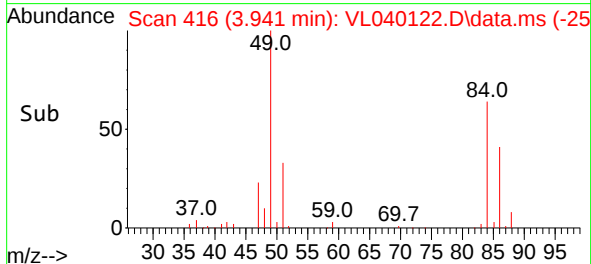
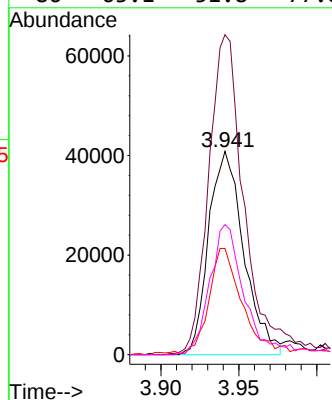
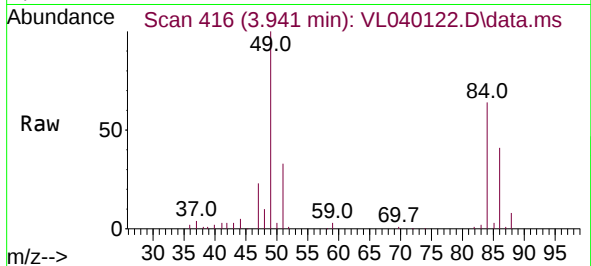




#20
Methylene Chloride
Concen: 1.239 ppbv
RT: 3.941 min Scan# 41
Delta R.T. 0.019 min
Lab File: VL040122.D
Acq: 19 Jan 2023 20:44

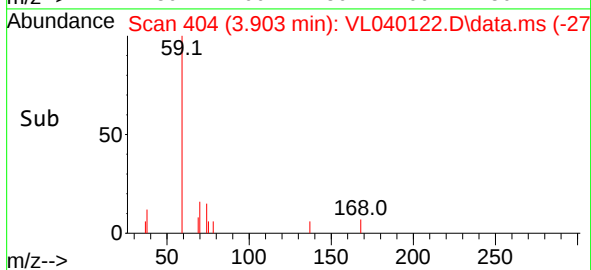
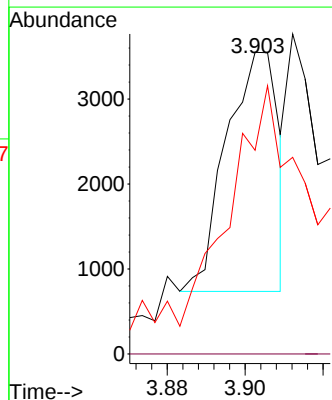
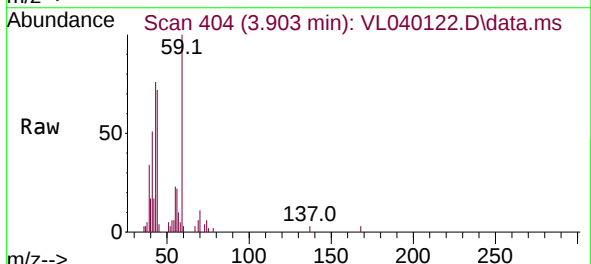
Instrument :
MSVOA_L
ClientSampleId :
VP-2DLDUP

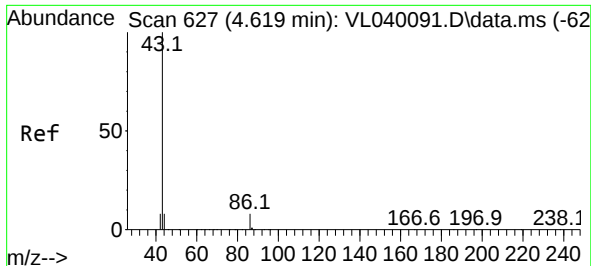
Tgt Ion: 84	Resp: 64148
Ion Ratio	Lower Upper
84 100	
49 155.7	114.6 171.8
51 51.8	34.3 51.5#
86 63.1	51.8 77.8



#21
Allyl Chloride
Concen: 0.035 ppbv
RT: 3.903 min Scan# 404
Delta R.T. -0.084 min
Lab File: VL040122.D
Acq: 19 Jan 2023 20:44

Tgt Ion: 41	Resp: 2613		
Ion Ratio	Lower	Upper	
41 100			
76 0.0	25.9	38.9#	
39 166.6	66.8	100.2#	



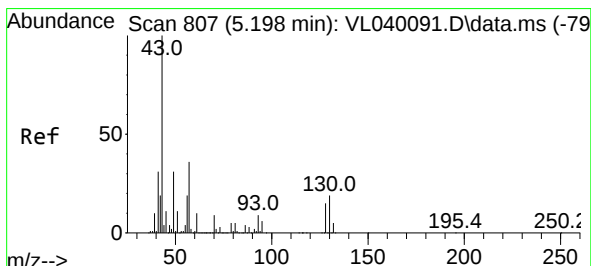
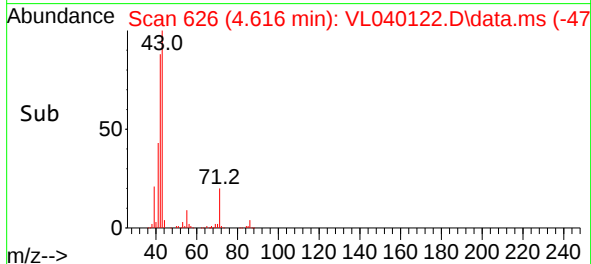
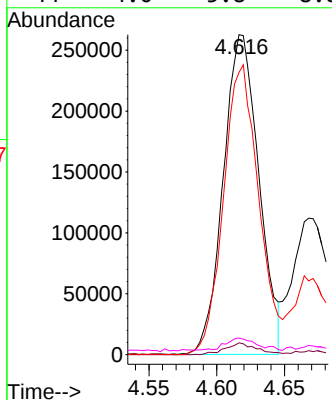
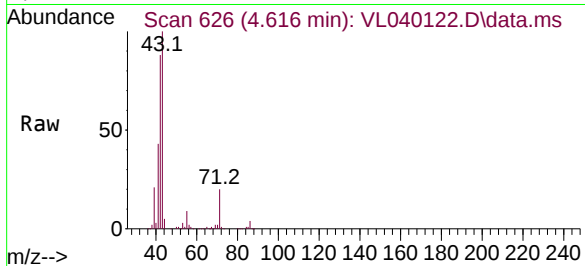


#23
 Vinyl Acetate
 Concen: 12.613 ppbv
 RT: 4.616 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL040122.D
 Acq: 19 Jan 2023 20:44

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-2DLDUP

Tgt Ion: 43 Resp: 479710

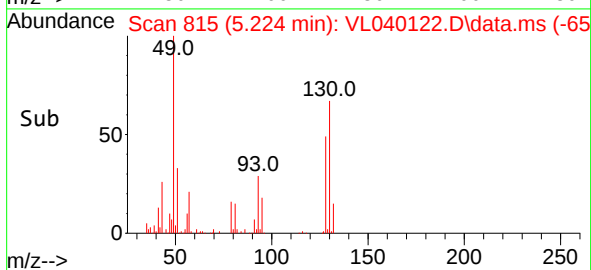
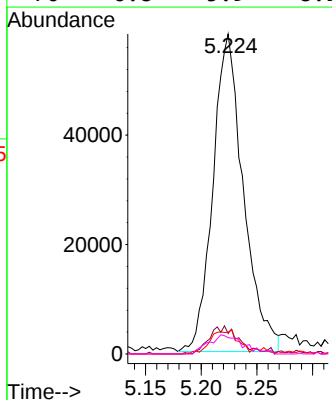
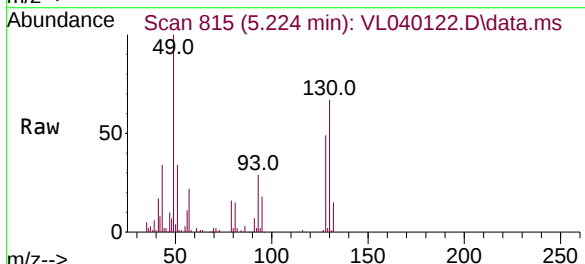
Ion	Ratio	Lower	Upper
43	100		
86	3.7	5.6	8.4#
42	88.3	7.7	11.5#
44	4.0	5.8	8.8#

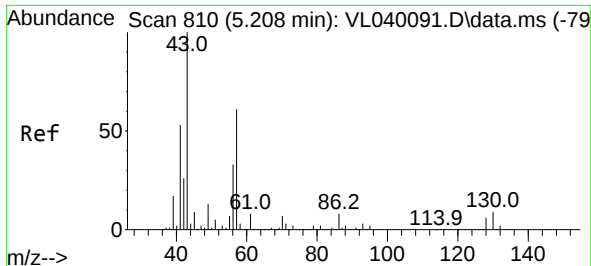


#25
 Ethyl Acetate
 Concen: 0.535 ppbv
 RT: 5.224 min Scan# 815
 Delta R.T. 0.026 min
 Lab File: VL040122.D
 Acq: 19 Jan 2023 20:44

Tgt Ion: 43 Resp: 110488

Ion	Ratio	Lower	Upper
43	100		
45	8.8	8.5	12.7
61	8.4	8.4	12.6
70	6.8	5.9	8.9

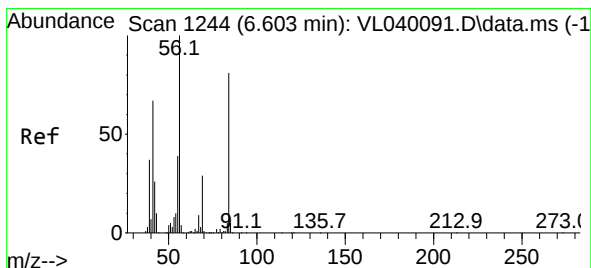
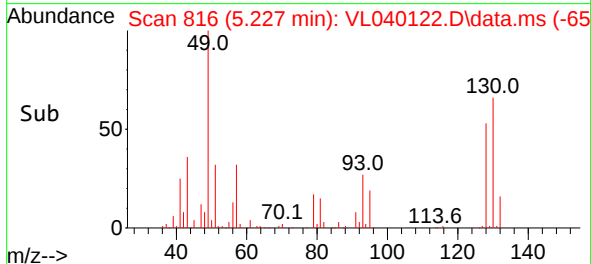
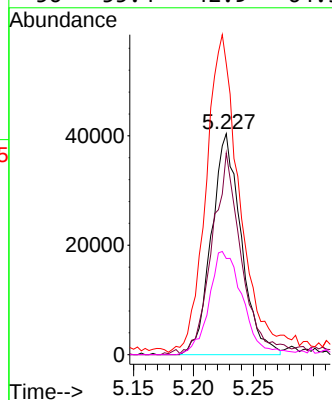
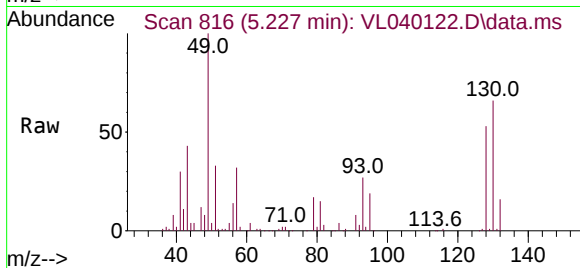




#26
Hexane
Concen: 0.765 ppbv
RT: 5.227 min Scan# 810
Delta R.T. 0.019 min
Lab File: VL040122.D
Acq: 19 Jan 2023 20:44

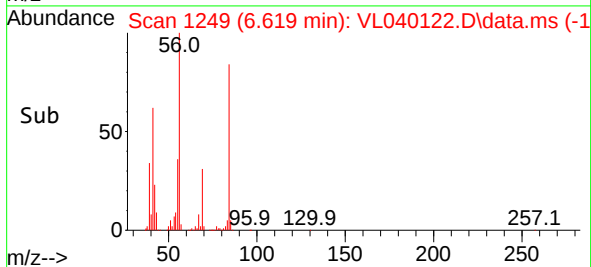
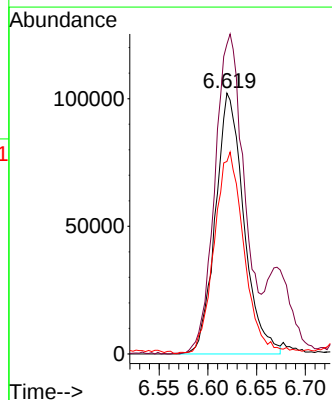
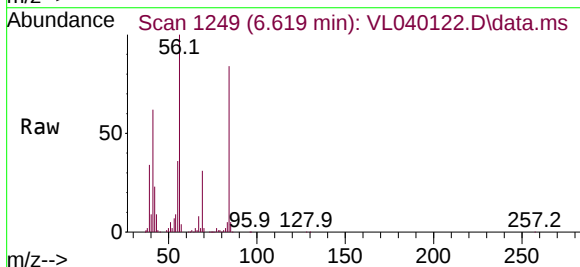
Instrument :
MSVOA_L
ClientSampleId :
VP-2DLDUP

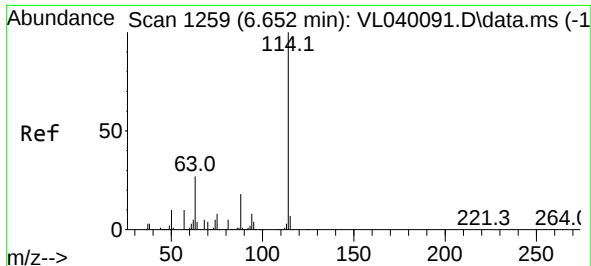
Tgt Ion:	57	Resp:	69219
Ion	Ratio	Lower	Upper
57	100		
41	95.1	72.2	108.4
43	171.1	192.1	288.1#
56	55.4	42.9	64.3



#30
Cyclohexane
Concen: 2.880 ppbv
RT: 6.619 min Scan# 1249
Delta R.T. 0.016 min
Lab File: VL040122.D
Acq: 19 Jan 2023 20:44

Tgt Ion:	84	Resp:	207092
Ion	Ratio	Lower	Upper
84	100		
56	128.9	111.5	167.3
41	80.6	71.4	107.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.671 min Scan# 11

Delta R.T. 0.019 min

Lab File: VL040122.D

Acq: 19 Jan 2023 20:44

Instrument :

MSVOA_L

ClientSampleId :

VP-2DLDUP

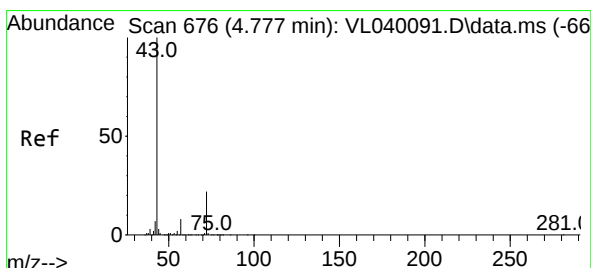
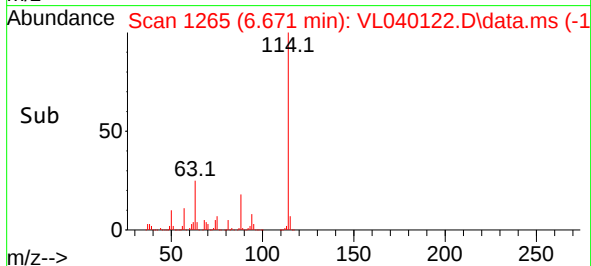
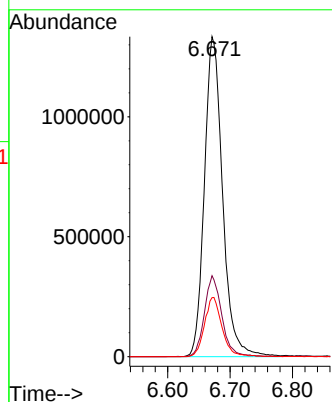
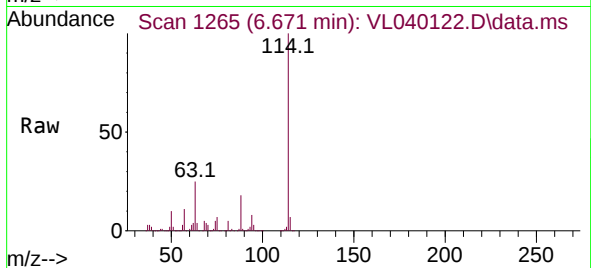
Tgt Ion:114 Resp: 2706278

Ion Ratio Lower Upper

114 100

63 24.4 21.8 32.8

88 17.9 14.8 22.2



#34

2-Butanone

Concen: 6.008 ppbv

RT: 4.796 min Scan# 682

Delta R.T. 0.019 min

Lab File: VL040122.D

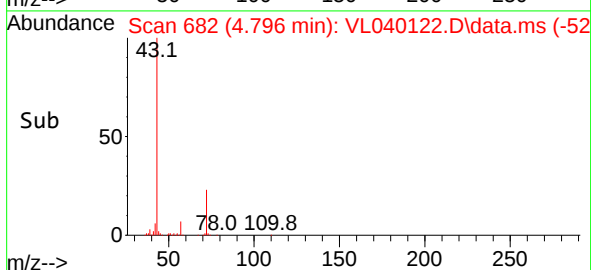
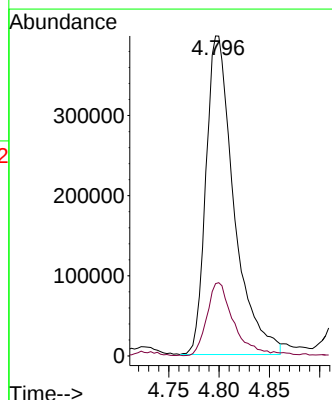
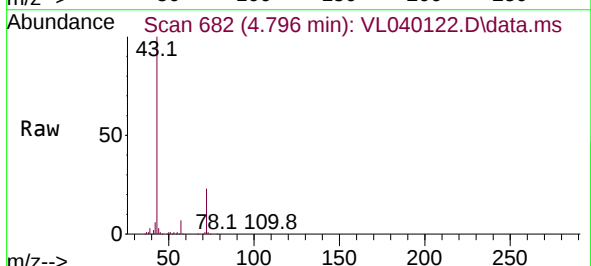
Acq: 19 Jan 2023 20:44

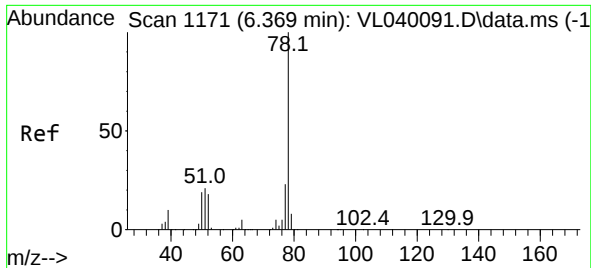
Tgt Ion: 43 Resp: 769074

Ion Ratio Lower Upper

43 100

72 22.9 18.4 27.6

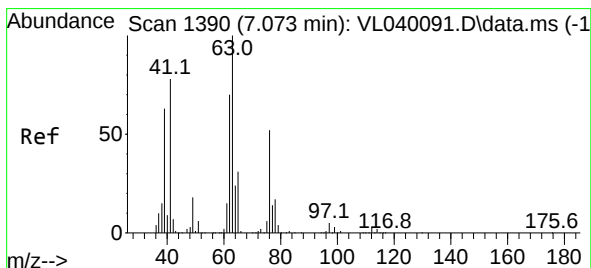
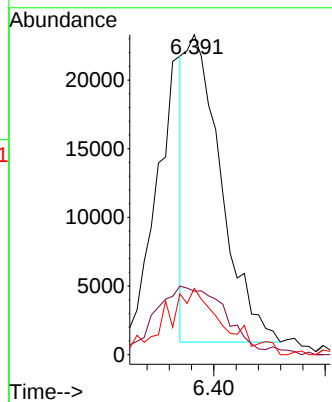
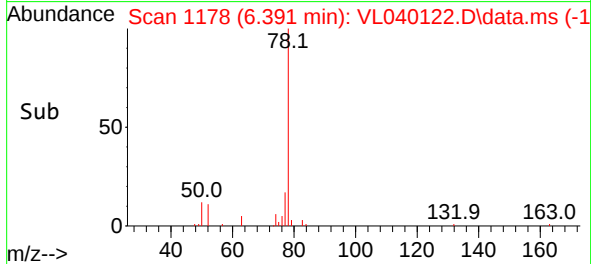
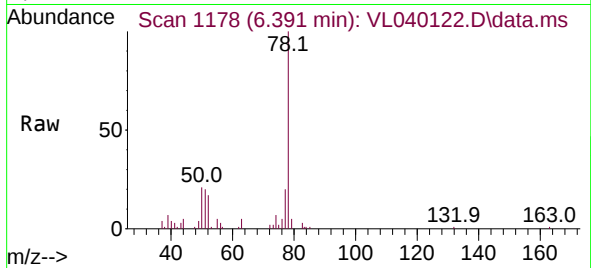




#36
Benzene
Concen: 0.125 ppbv
RT: 6.391 min Scan# 1171
Delta R.T. 0.023 min
Lab File: VL040122.D
Acq: 19 Jan 2023 20:44

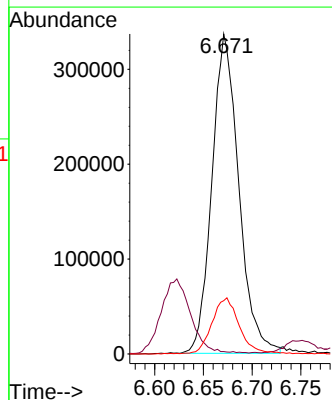
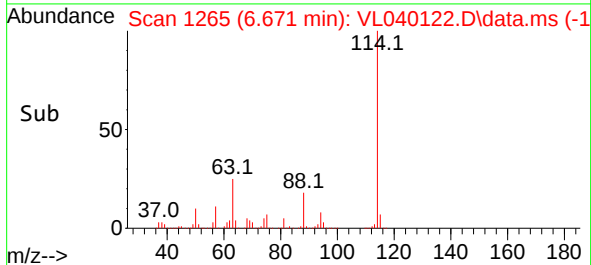
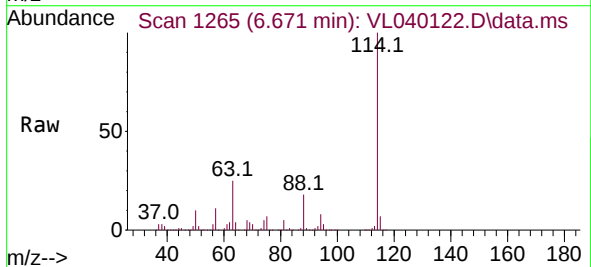
Instrument :
MSVOA_L
ClientSampleId :
VP-2DLDUP

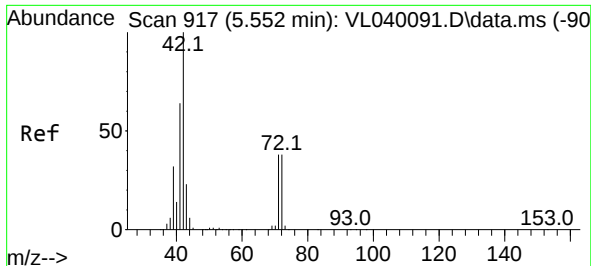
Tgt Ion: 78 Resp: 25052
Ion Ratio Lower Upper
78 100
77 19.1 18.1 27.1
50 21.6 15.6 23.4



#39
1,2-Dichloropropane
Concen: 8.227 ppbv
RT: 6.671 min Scan# 1265
Delta R.T. -0.402 min
Lab File: VL040122.D
Acq: 19 Jan 2023 20:44

Tgt Ion: 63 Resp: 644484
Ion Ratio Lower Upper
63 100
41 0.0 62.2 93.4#
62 16.6 55.8 83.8#





#41

Tetrahydrofuran

Concen: 1.847 ppbv

RT: 5.584 min Scan# 917

Delta R.T. 0.032 min

Lab File: VL040122.D

Acq: 19 Jan 2023 20:44

Instrument :

MSVOA_L

ClientSampleId :

VP-2DLDUP

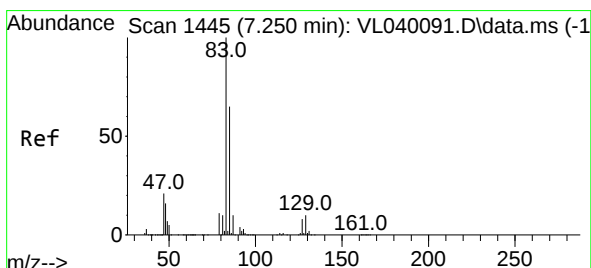
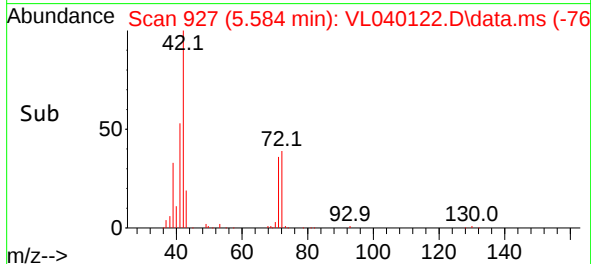
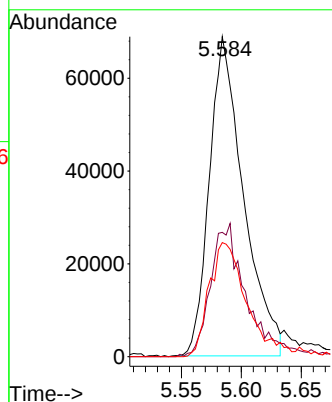
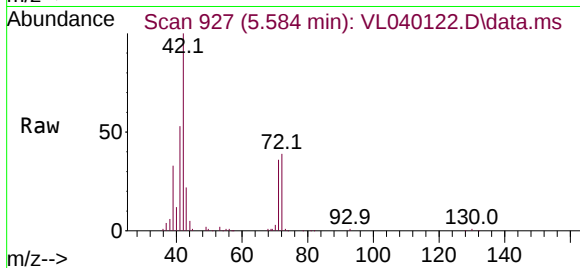
Tgt Ion: 42 Resp: 136499

Ion Ratio Lower Upper

42 100

72 44.1 31.9 47.9

71 40.7 31.4 47.2



#42

Bromodichloromethane

Concen: 0.289 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. 0.019 min

Lab File: VL040122.D

Acq: 19 Jan 2023 20:44

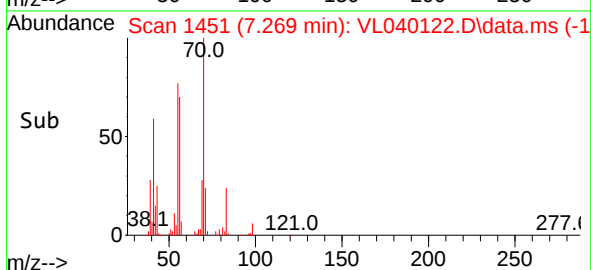
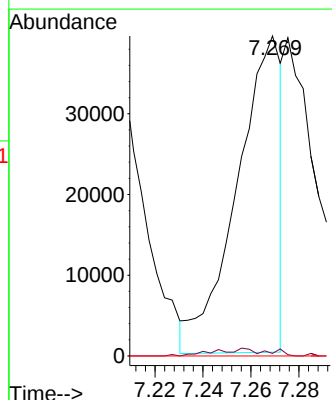
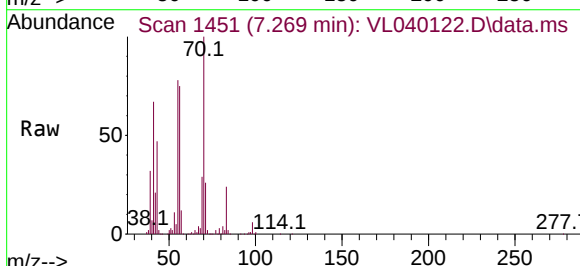
Tgt Ion: 83 Resp: 50216

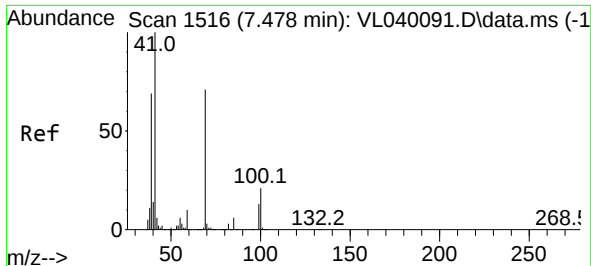
Ion Ratio Lower Upper

83 100

85 0.9 51.7 77.5#

127 0.0 6.2 9.2#

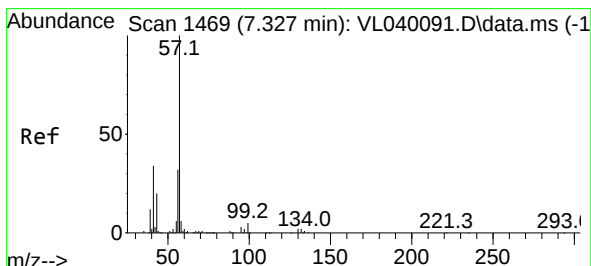
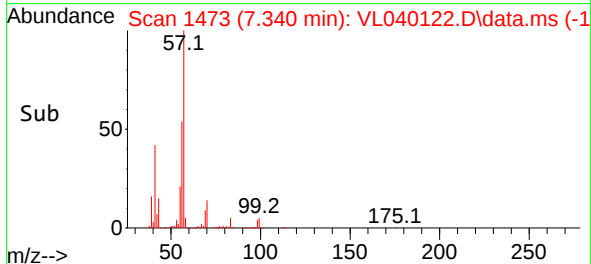
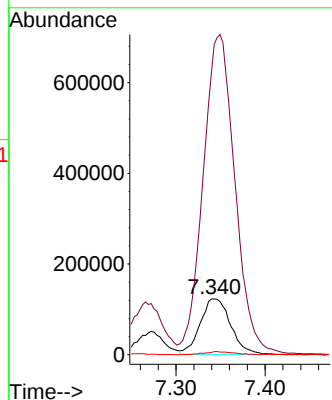
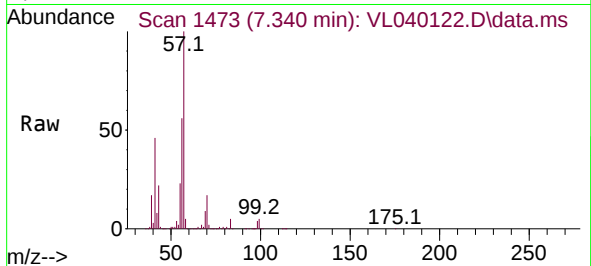




#43
Methyl Methacrylate
Concen: 3.945 ppbv
RT: 7.340 min Scan# 1473
Delta R.T. -0.138 min
Lab File: VL040122.D
Acq: 19 Jan 2023 20:44

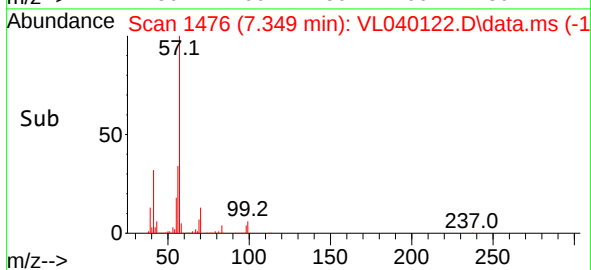
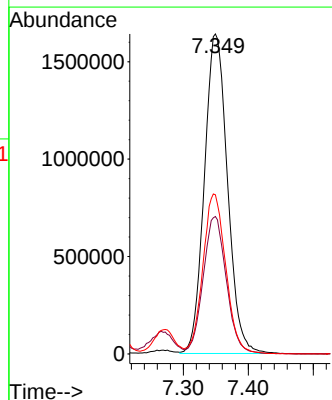
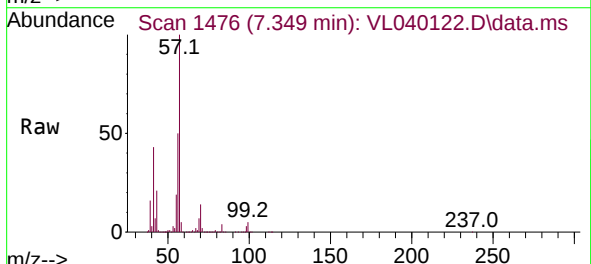
Instrument :
MSVOA_L
ClientSampleId :
VP-2DLDUP

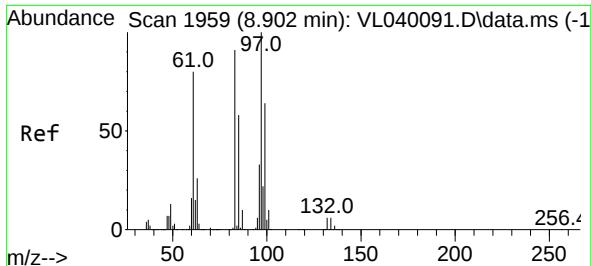
Tgt Ion: 69 Resp: 289961
Ion Ratio Lower Upper
69 100
41 609.5 118.2 177.2#
100 5.4 24.2 36.4#



#44
2,2,4-Trimethylpentane
Concen: 12.207 ppbv
RT: 7.349 min Scan# 1476
Delta R.T. 0.023 min
Lab File: VL040122.D
Acq: 19 Jan 2023 20:44

Tgt Ion: 57 Resp: 4065635
Ion Ratio Lower Upper
57 100
41 43.3 27.1 40.7#
56 49.8 25.0 37.4#





#47

1,1,2-Trichloroethane

Concen: 0.697 ppbv

RT: 9.012 min Scan# 1959

Delta R.T. 0.109 min

Lab File: VL040122.D

Acq: 19 Jan 2023 20:44

Instrument :

MSVOA_L

ClientSampleId :

VP-2DLDUP

Tgt Ion: 97 Resp: 57519

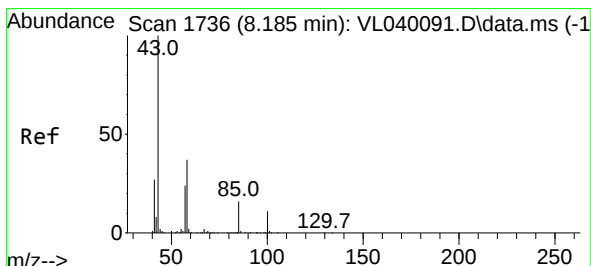
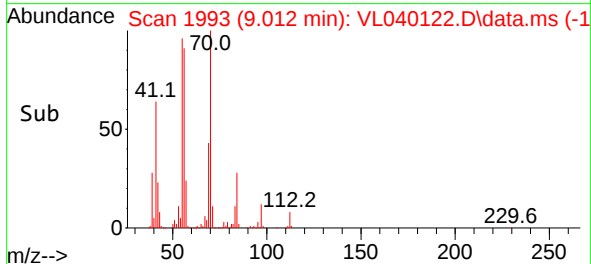
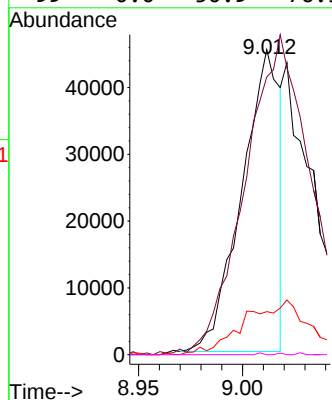
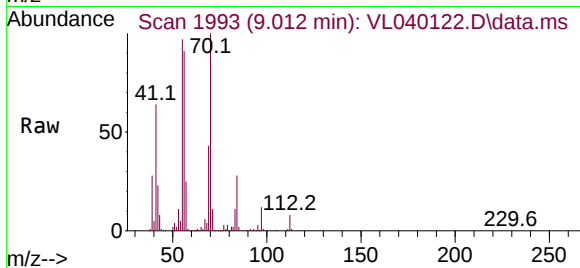
Ion Ratio Lower Upper

97 100

83 90.1 72.9 109.3

85 14.3 46.0 69.0#

99 0.0 50.9 76.3#



#50

4-Methyl-2-Pentanone

Concen: 0.101 ppbv

RT: 8.230 min Scan# 1750

Delta R.T. 0.045 min

Lab File: VL040122.D

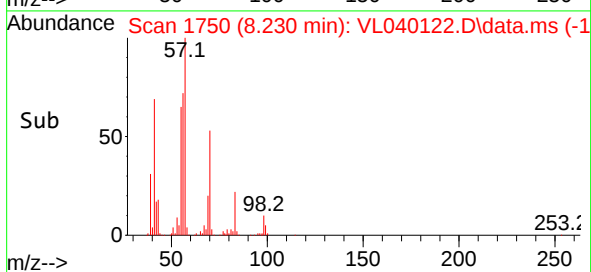
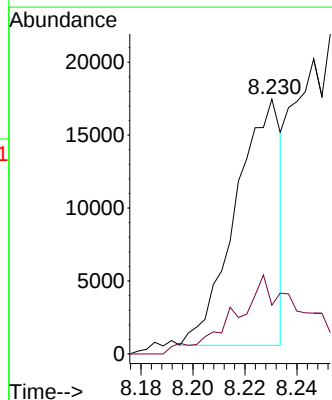
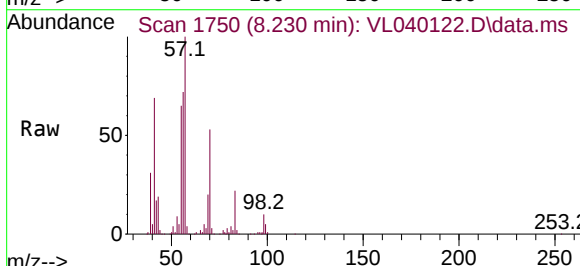
Acq: 19 Jan 2023 20:44

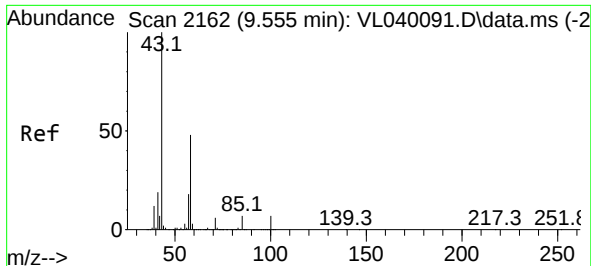
Tgt Ion: 43 Resp: 20373

Ion Ratio Lower Upper

43 100

58 57.6 28.8 43.2#

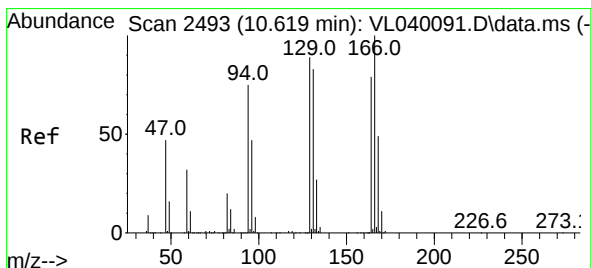
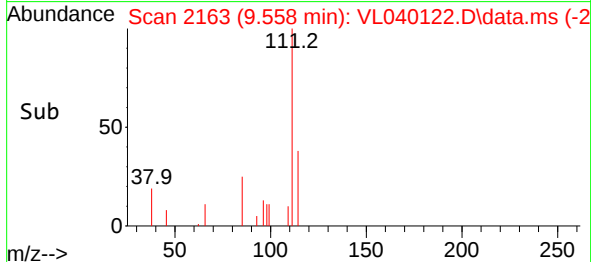
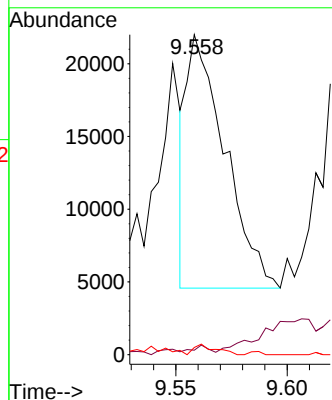
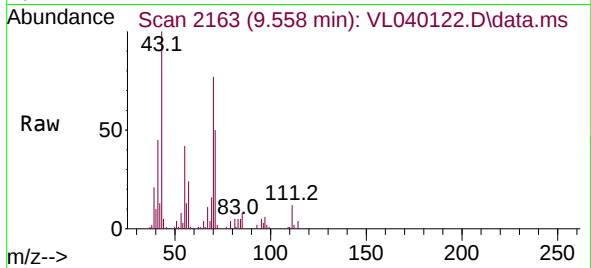




#51
2-Hexanone
Concen: 0.138 ppbv
RT: 9.558 min Scan# 2162
Delta R.T. 0.003 min
Lab File: VL040122.D
Acq: 19 Jan 2023 20:44

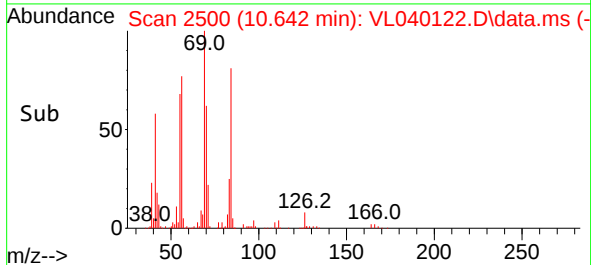
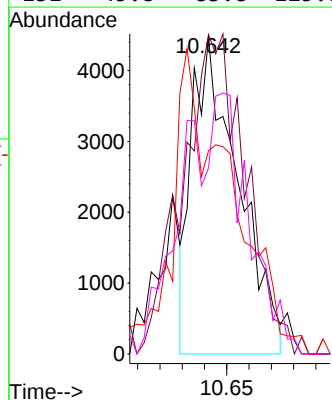
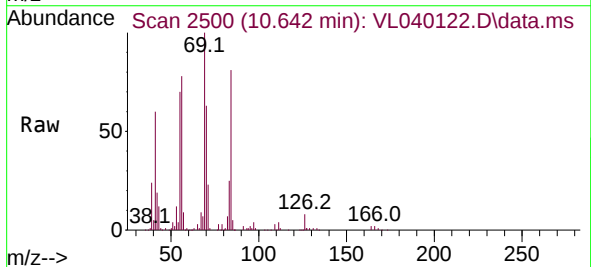
Instrument :
MSVOA_L
ClientSampleId :
VP-2DLDUP

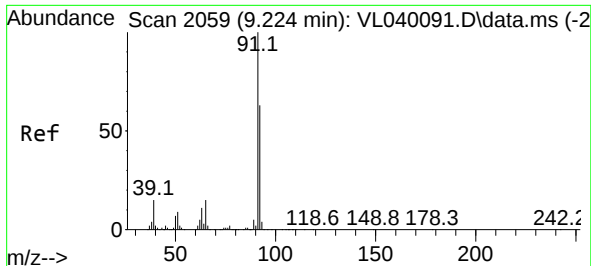
Tgt Ion: 43 Resp: 21021
Ion Ratio Lower Upper
43 100
58 0.0 37.5 56.3#
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.098 ppbv
RT: 10.642 min Scan# 2500
Delta R.T. 0.023 min
Lab File: VL040122.D
Acq: 19 Jan 2023 20:44

Tgt Ion: 164 Resp: 6449
Ion Ratio Lower Upper
164 100
166 100.0 101.2 151.8#
129 63.5 90.2 135.2#
131 45.8 83.8 125.8#

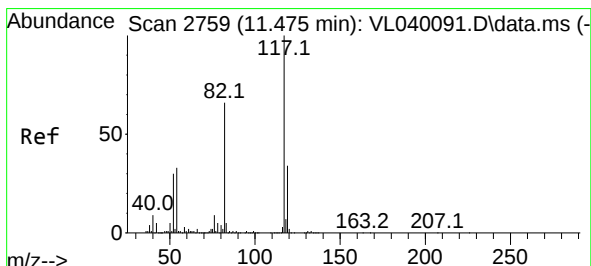
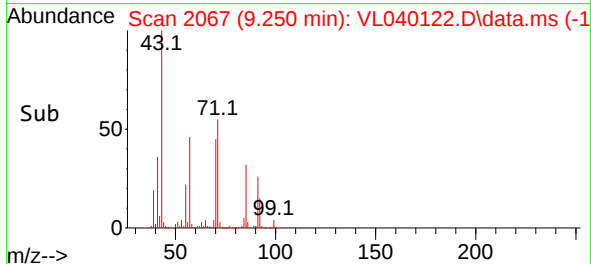
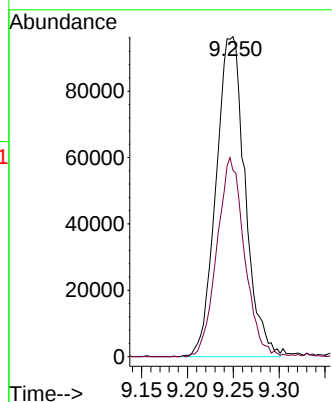
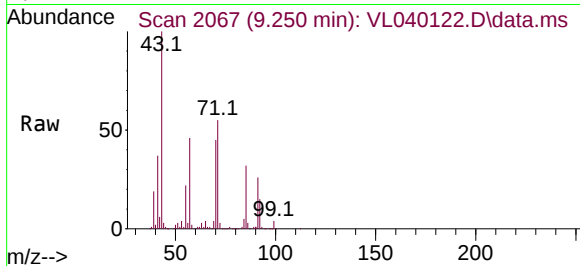




#53
Toluene
Concen: 0.994 ppbv
RT: 9.250 min Scan# 2059
Delta R.T. 0.026 min
Lab File: VL040122.D
Acq: 19 Jan 2023 20:44

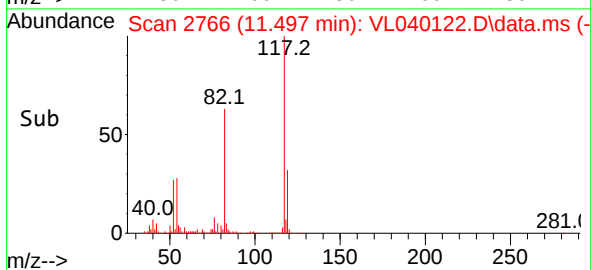
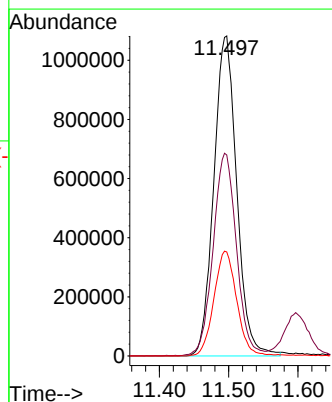
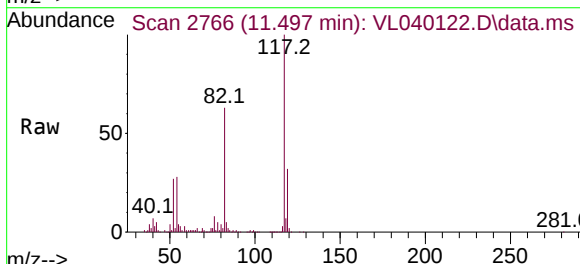
Instrument :
MSVOA_L
ClientSampleId :
VP-2DLDUP

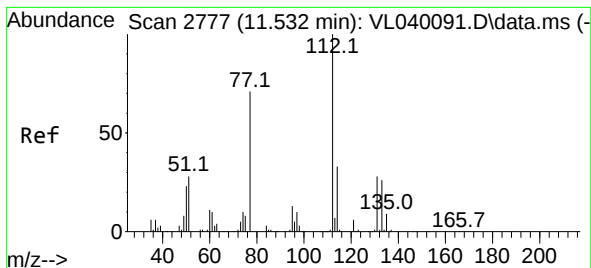
Tgt Ion: 91 Resp: 212352
Ion Ratio Lower Upper
91 100
92 59.7 48.3 72.5



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. 0.023 min
Lab File: VL040122.D
Acq: 19 Jan 2023 20:44

Tgt Ion: 117 Resp: 2491581
Ion Ratio Lower Upper
117 100
82 64.9 54.4 81.6
119 33.1 26.8 40.2





#57

Chlorobenzene

Concen: 0.031 ppbv

RT: 11.549 min Scan# 21

Delta R.T. 0.016 min

Lab File: VL040122.D

Acq: 19 Jan 2023 20:44

Instrument :

MSVOA_L

ClientSampleId :

VP-2DLDUP

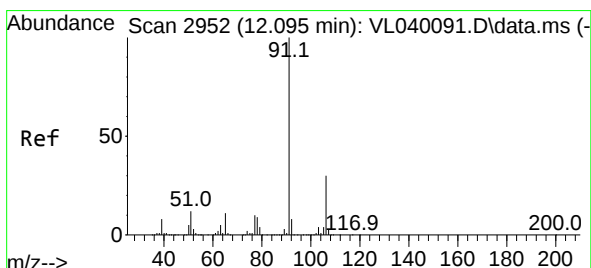
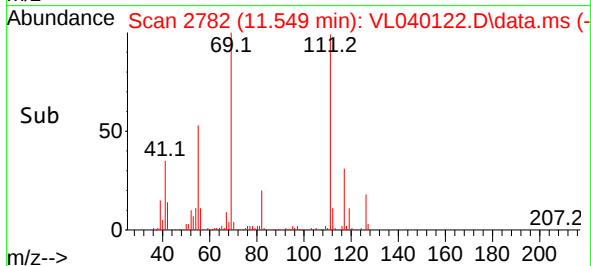
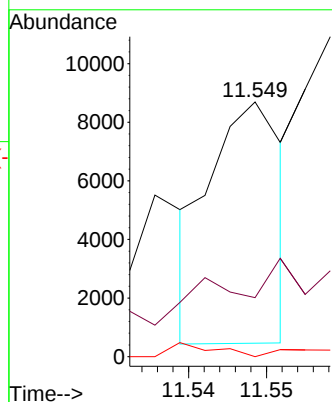
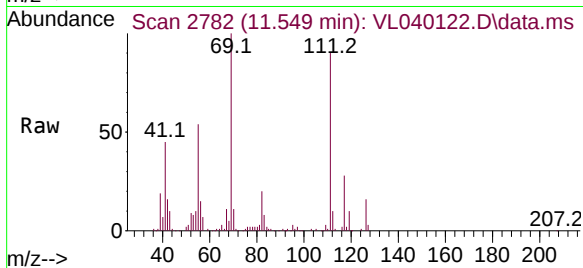
Tgt Ion:112 Resp: 5319

Ion Ratio Lower Upper

112 100

77 4.5 57.3 85.9#

114 0.0 29.6 36.2#



#58

Ethyl Benzene

Concen: 0.326 ppbv

RT: 12.114 min Scan# 2958

Delta R.T. 0.019 min

Lab File: VL040122.D

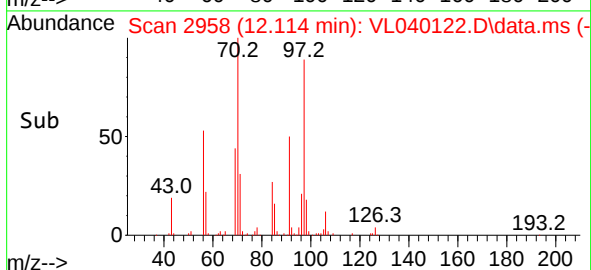
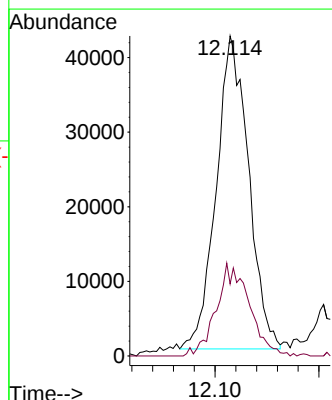
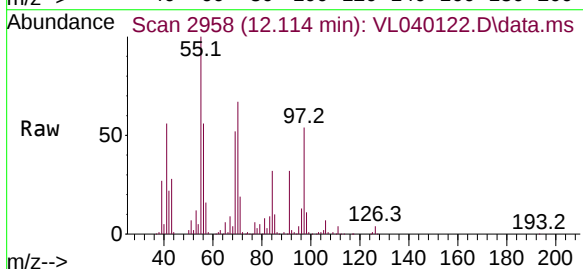
Acq: 19 Jan 2023 20:44

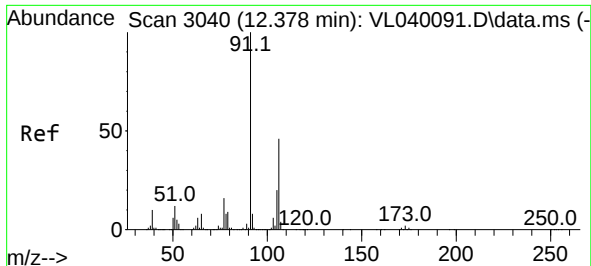
Tgt Ion: 91 Resp: 90653

Ion Ratio Lower Upper

91 100

106 23.0 23.7 35.5#





#59

m/p-Xylene

Concen: 0.197 ppbv

RT: 12.401 min Scan# 3040

Delta R.T. 0.023 min

Lab File: VL040122.D

Acq: 19 Jan 2023 20:44

Instrument :

MSVOA_L

ClientSampleId :

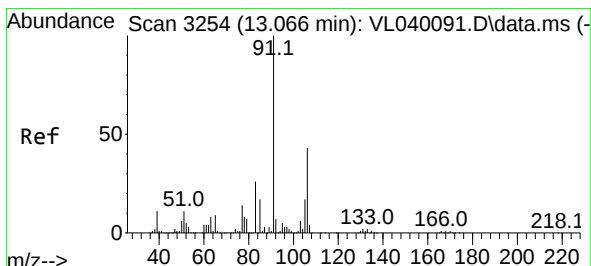
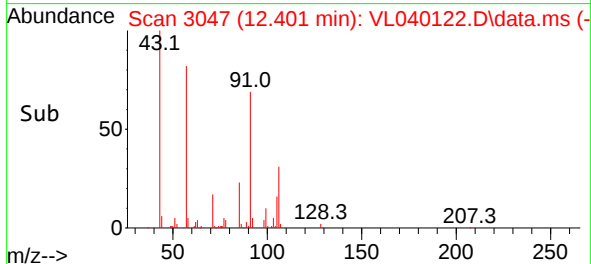
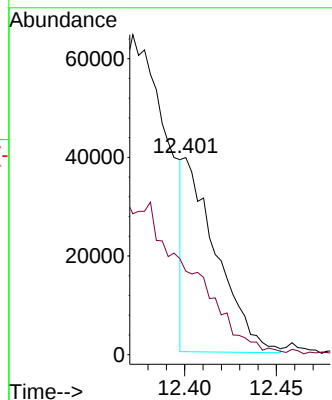
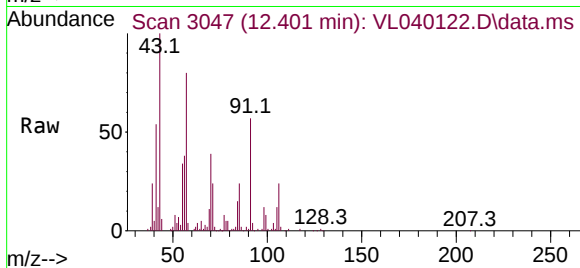
VP-2DLDUP

Tgt Ion: 91 Resp: 49152

Ion Ratio Lower Upper

91 100

106 0.0 34.2 51.4#



#60

o-Xylene

Concen: 0.123 ppbv

RT: 13.095 min Scan# 3263

Delta R.T. 0.029 min

Lab File: VL040122.D

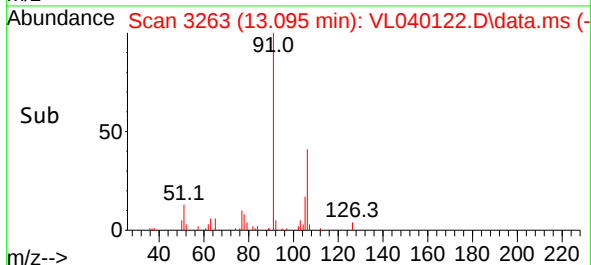
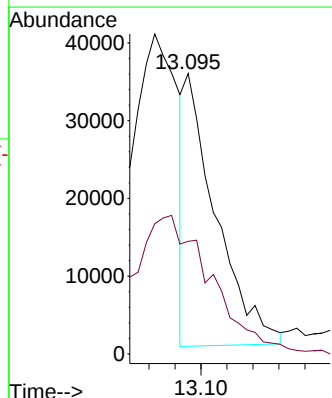
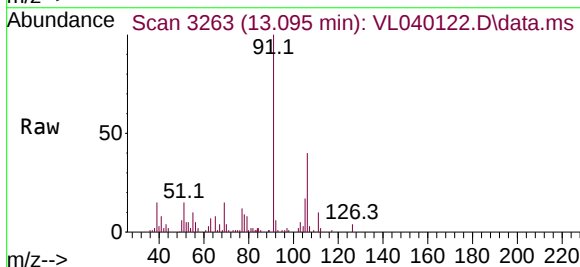
Acq: 19 Jan 2023 20:44

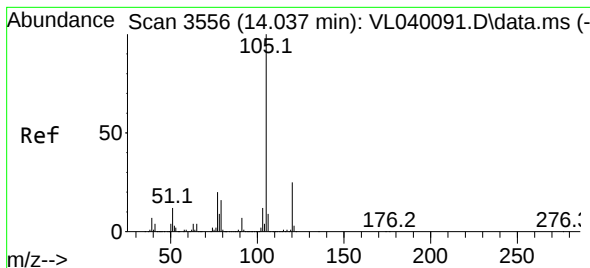
Tgt Ion: 91 Resp: 29202

Ion Ratio Lower Upper

91 100

106 136.9 21.6 64.8#





#62

Isopropylbenzene

Concen: 0.045 ppbv

RT: 14.056 min Scan# 31

Delta R.T. 0.019 min

Lab File: VL040122.D

Acq: 19 Jan 2023 20:44

Instrument :

MSVOA_L

ClientSampleId :

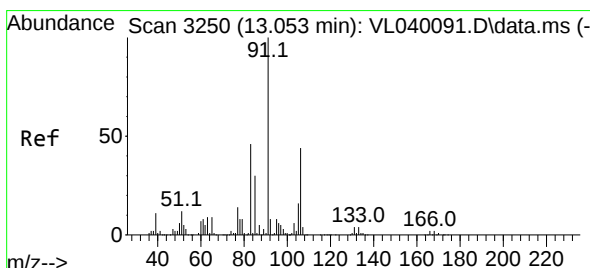
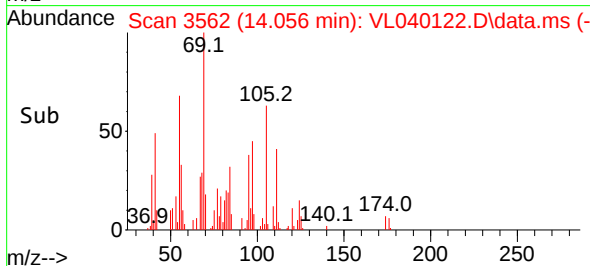
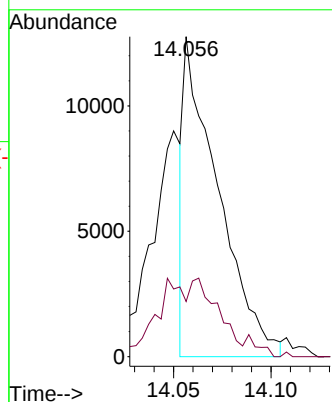
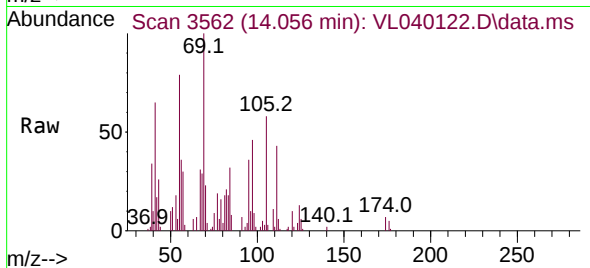
VP-2DLDUP

Tgt Ion:105 Resp: 15505

Ion Ratio Lower Upper

105 100

120 44.7 20.2 30.2#



#63

1,1,2,2-Tetrachloroethane

Concen: 1.511 ppbv

RT: 13.169 min Scan# 3286

Delta R.T. 0.116 min

Lab File: VL040122.D

Acq: 19 Jan 2023 20:44

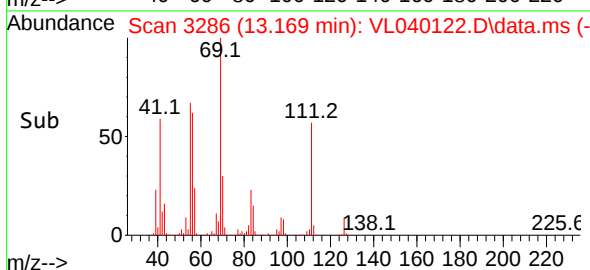
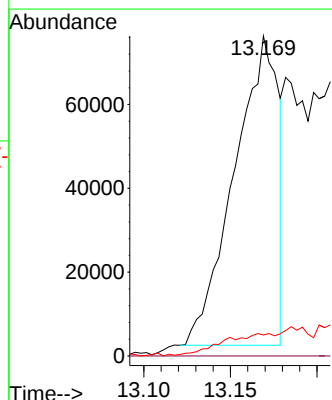
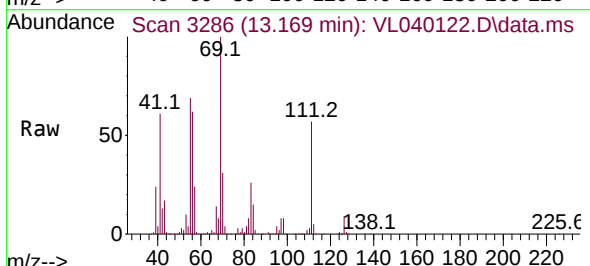
Tgt Ion: 83 Resp: 130151

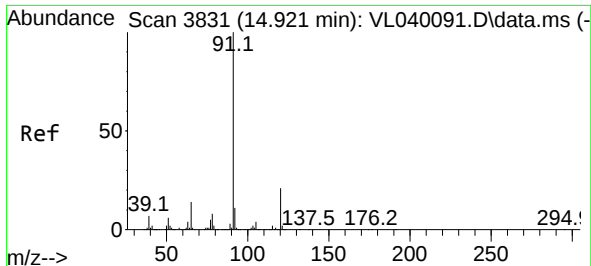
Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

85 4.2 32.5 97.5#

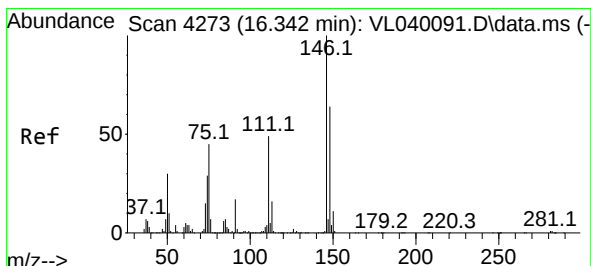
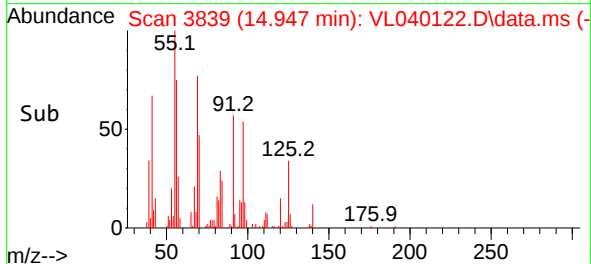
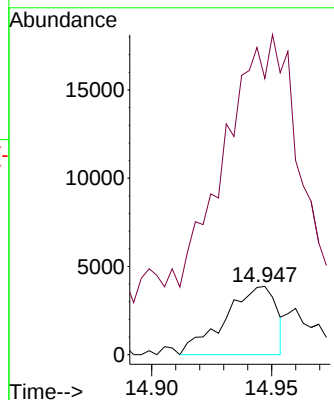
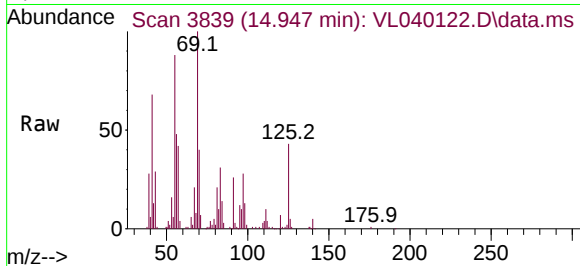




#64
n-propylbenzene
Concen: 0.068 ppbv
RT: 14.947 min Scan# 3839
Delta R.T. 0.026 min
Lab File: VL040122.D
Acq: 19 Jan 2023 20:44

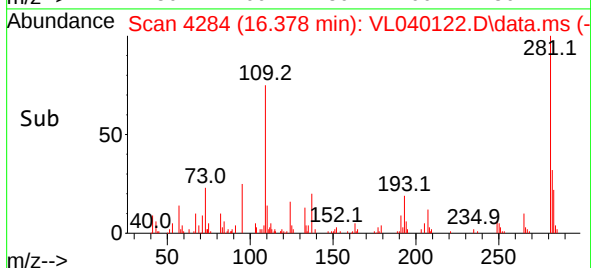
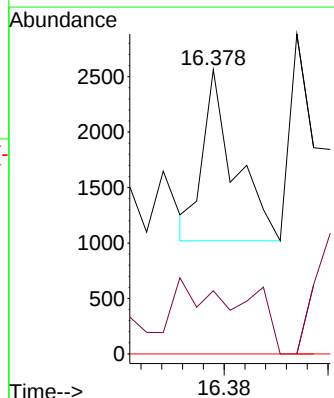
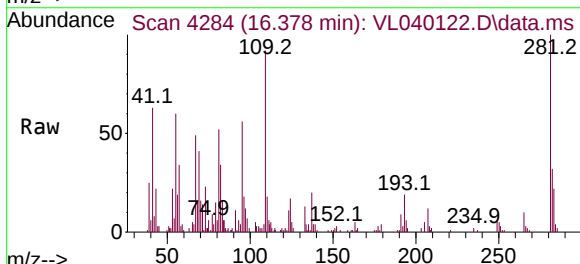
Instrument :
MSVOA_1
ClientSampleId :
VP-2DLDUP

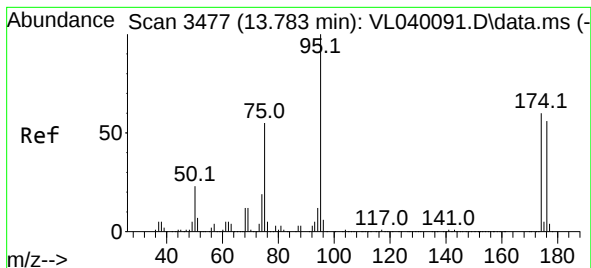
Tgt Ion: 120 Resp: 5783
Ion Ratio Lower Upper
120 100
91 958.0 397.0 595.4#



#66
Benzyl Chloride
Concen: 0.033 ppbv
RT: 16.378 min Scan# 4284
Delta R.T. 0.035 min
Lab File: VL040122.D
Acq: 19 Jan 2023 20:44

Tgt Ion: 91 Resp: 655
Ion Ratio Lower Upper
91 100
126 0.0 11.5 17.3#
128 0.0 0.0 0.0

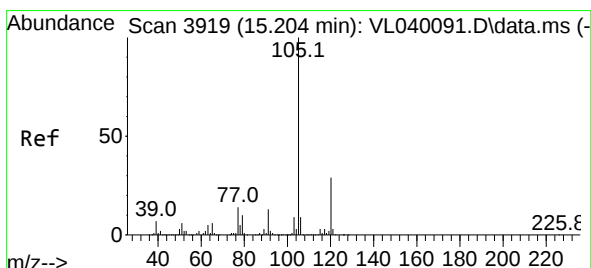
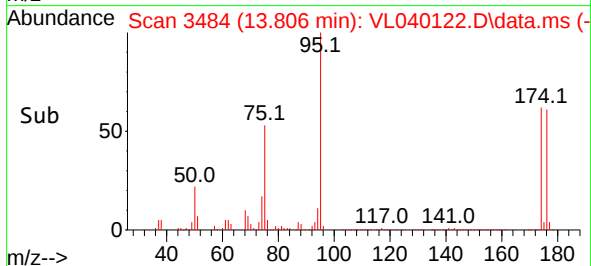
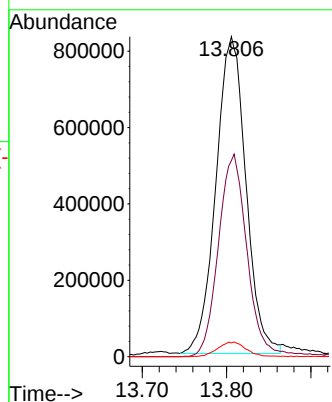
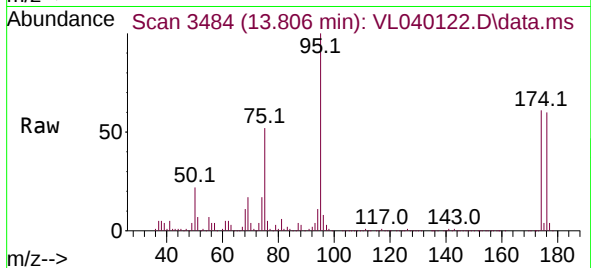




#68
1-Bromo-4-Fluorobenzene
Concen: 9.914 ppbv
RT: 13.806 min Scan# 3477
Delta R.T. 0.023 min
Lab File: VL040122.D
Acq: 19 Jan 2023 20:44

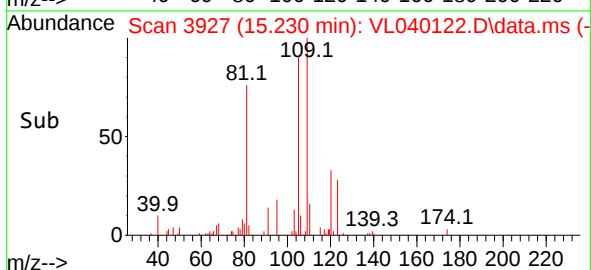
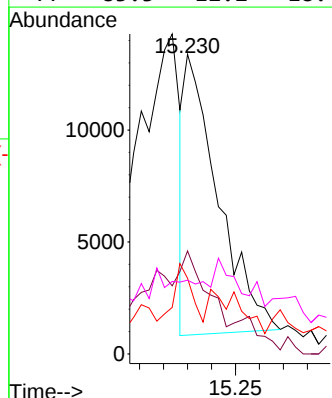
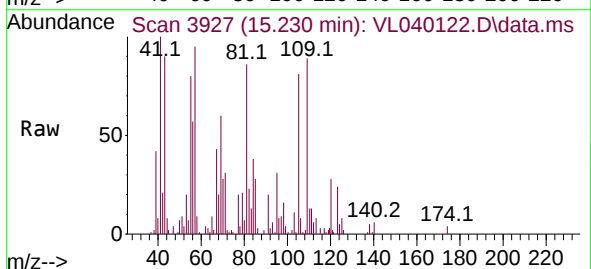
Instrument :
MSVOA_L
ClientSampleId :
VP-2DLDUP

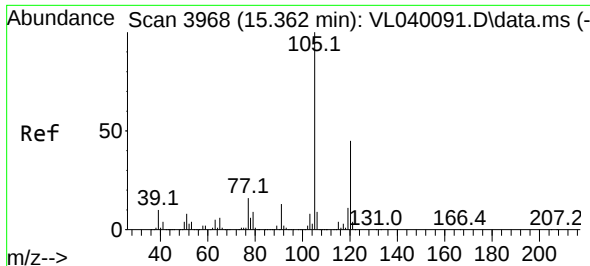
Tgt Ion: 95 Resp: 2052902
Ion Ratio Lower Upper
95 100
174 62.5 47.7 71.5
175 4.4 3.4 5.2



#72
4-Ethyltoluene
Concen: 0.046 ppbv
RT: 15.230 min Scan# 3927
Delta R.T. 0.026 min
Lab File: VL040122.D
Acq: 19 Jan 2023 20:44

Tgt Ion: 105 Resp: 12100
Ion Ratio Lower Upper
105 100
120 77.9 23.1 34.7#
91 0.0 11.2 16.8#
77 83.3 12.2 18.4#

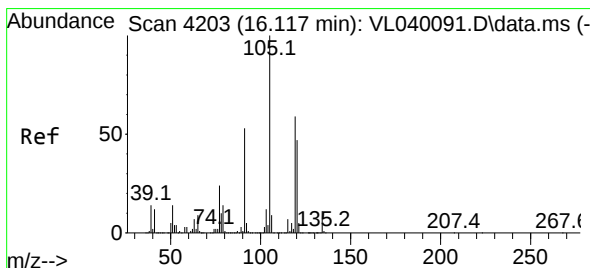
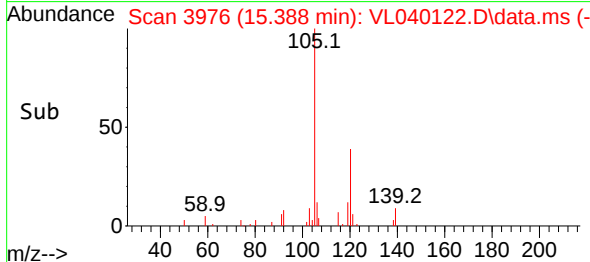
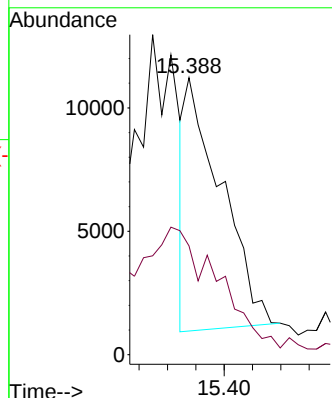
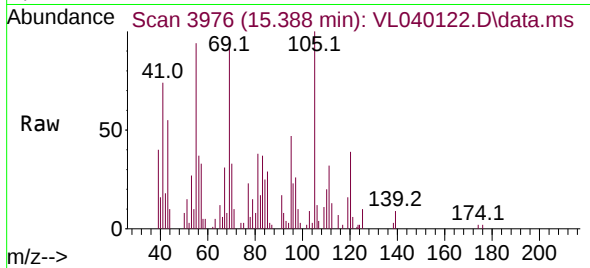




#73
1,3,5-Trimethylbenzene
Concen: 0.038 ppbv
RT: 15.388 min Scan# 3968
Delta R.T. 0.026 min
Lab File: VL040122.D
Acq: 19 Jan 2023 20:44

Instrument :
MSVOA_L
ClientSampleId :
VP-2DLDUP

Tgt Ion:105 Resp: 9012
Ion Ratio Lower Upper
105 100
120 41.6 36.2 54.4



#74
1,2,4-Trimethylbenzene
Concen: 0.109 ppbv
RT: 16.143 min Scan# 4211
Delta R.T. 0.026 min
Lab File: VL040122.D
Acq: 19 Jan 2023 20:44

Tgt Ion:105 Resp: 28643
Ion Ratio Lower Upper
105 100
120 33.5 38.0 57.0#
91 5.7 42.1 63.1#
77 11.0 19.3 28.9#

