

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011623\Not Reviewed Data\
 Data File : VL040101.D
 Acq On : 16 Jan 2023 17:09
 Operator : SY/MD
 Sample : 01143-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BH1N3

Quant Time: Jan 17 05:57:25 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)

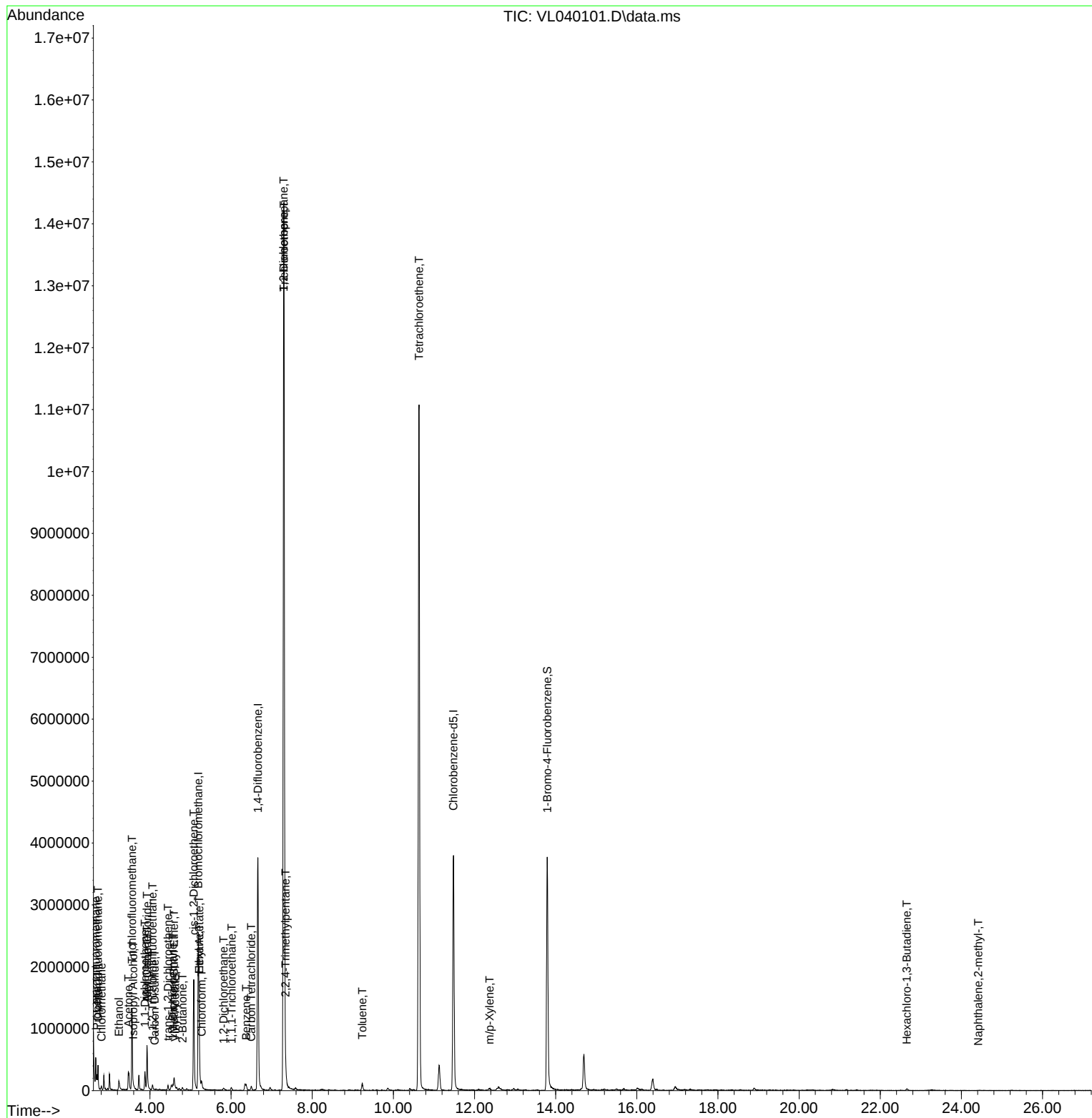
Internal Standards						
1) Bromochloromethane	5.195	49	1109524	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2835072	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2427930	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	1934255	9.586	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.719	85	256813	1.320	ppbv	98
3) Chlorodifluoromethane	2.664	51	436011	3.276	ppbv	95
4) Chloromethane	2.806	50	44440	0.540	ppbv	94
9) Propene	2.697	41	39661	0.717	ppbv #	78
11) Trichlorofluoromethane	3.558	101	858951	4.424	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.066	101	27321	0.187	ppbv	93
13) Ethanol	3.237	45	158726	31.189	ppbv	94
15) Acetone	3.472	43	318885	2.396	ppbv	90
18) 1,1-Dichloroethene	3.877	96	78261	1.234	ppbv	92
19) Isopropyl Alcohol	3.590	45	27151	0.417	ppbv #	1
20) Methylene Chloride	3.928	84	228289	3.889	ppbv	94
21) Allyl Chloride	3.931	41	6056	0.071	ppbv #	55
22) trans-1,2-Dichloroethene	4.446	96	19153	0.296	ppbv	97
23) Vinyl Acetate	4.623	43	19993	0.464	ppbv #	85
24) 1,1-Dichloroethane	4.565	63	45301	0.347	ppbv #	97
25) Ethyl Acetate	5.214	43	162421	0.693	ppbv #	82
26) Hexane	5.214	57	224807	2.191	ppbv #	40
27) Carbon Disulfide	4.118	76	4475	0.034	ppbv #	63
28) Methyl tert-Butyl Ether	4.594	73	135068	1.170	ppbv	100
29) Chloroform	5.275	83	64906	0.396	ppbv	99
31) cis-1,2-Dichloroethene	5.079	61	998453	10.053	ppbv	98
32) 1,1,1-Trichloroethane	6.012	97	10884	0.065	ppbv #	22
34) 2-Butanone	4.803	43	40651	0.303	ppbv	91
35) Carbon Tetrachloride	6.497	117	34107	0.213	ppbv	97
36) Benzene	6.375	78	50693	0.242	ppbv #	93
37) 1,2-Dichloroethane	5.812	62	5617	0.042	ppbv #	84
38) Trichloroethene	7.301	130	4772386	40.080	ppbv	96
39) 1,2-Dichloropropane	7.298	63	16901	0.206	ppbv #	1
44) 2,2,4-Trimethylpentane	7.340	57	22446	0.064	ppbv #	43
52) Tetrachloroethene	10.632	164	2750500	40.075	ppbv	98
53) Toluene	9.237	91	72646	0.325	ppbv	98
59) m/p-Xylene	12.371	91	7449	0.031	ppbv #	33
78) Hexachloro-1,3-Butadiene	22.654	225	3957	0.040	ppbv #	37
80) Naphthalene,2-methyl-	24.416	142	3507	0.071	ppbv #	32

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

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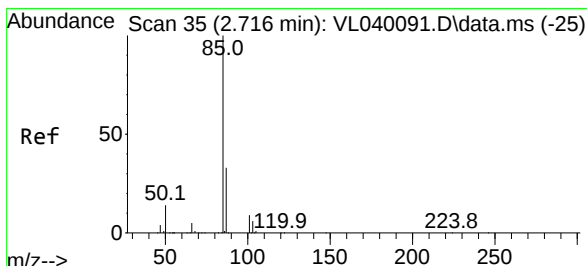
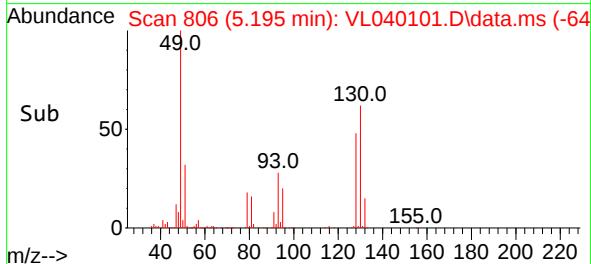
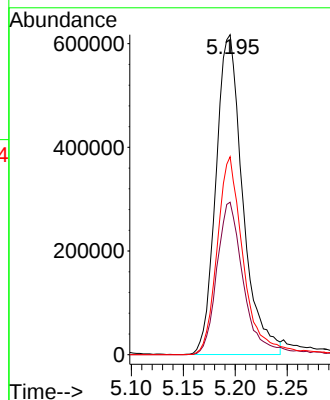
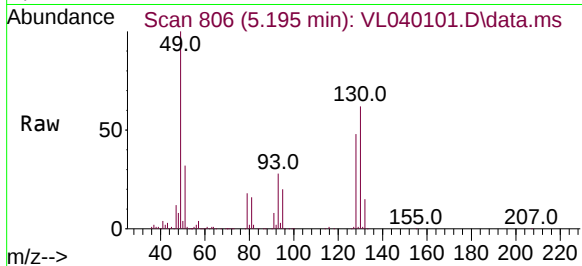




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.195 min Scan# 80
 Delta R.T. 0.010 min
 Lab File: VL040101.D
 Acq: 16 Jan 2023 17:09

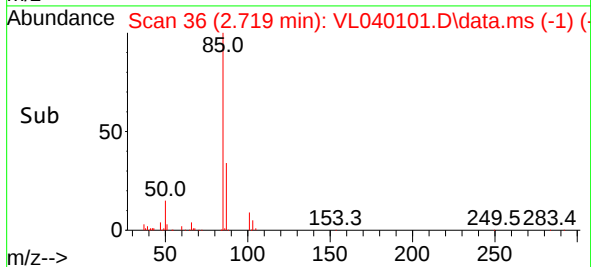
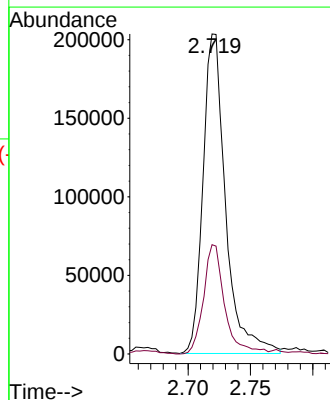
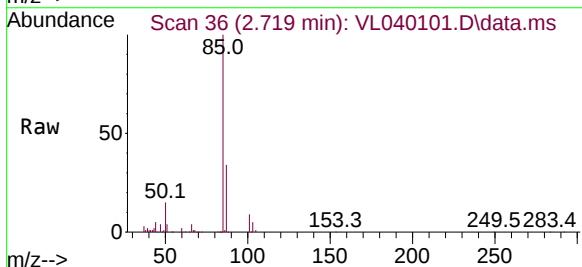
Instrument :
 MSVOA_L
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 BH1N3

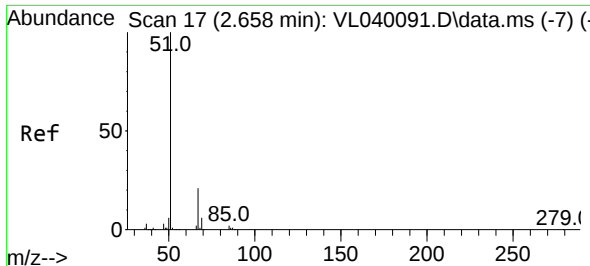
Tgt Ion: 49 Resp: 1109524
 Ion Ratio Lower Upper
 49 100
 128 48.5 23.6 71.0
 130 62.1 29.8 89.3



#2
 Dichlorodifluoromethane
 Concen: 1.320 ppbv
 RT: 2.719 min Scan# 36
 Delta R.T. 0.003 min
 Lab File: VL040101.D
 Acq: 16 Jan 2023 17:09

Tgt Ion: 85 Resp: 256813
 Ion Ratio Lower Upper
 85 100
 87 34.2 26.5 39.7

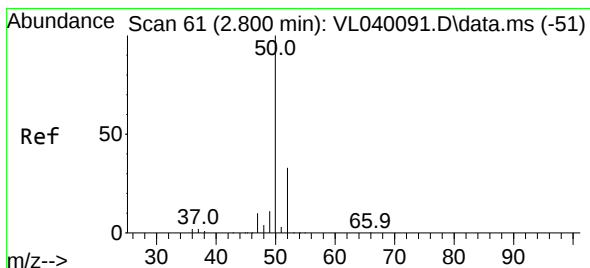
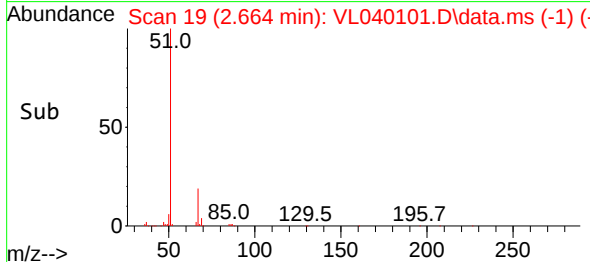
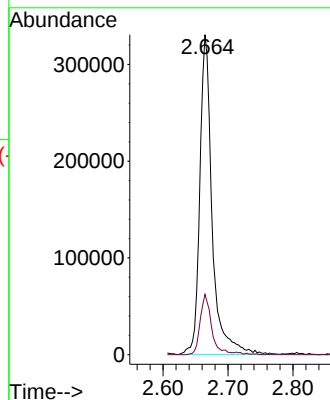
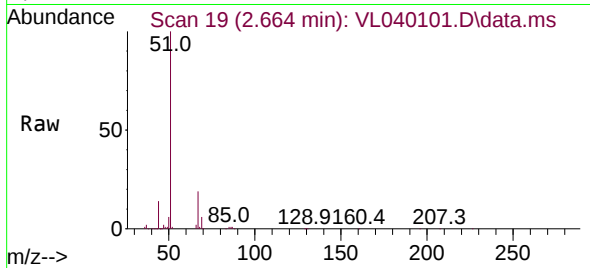




#3
Chlorodifluoromethane
Concen: 3.276 ppbv
RT: 2.664 min Scan# 19
Delta R.T. 0.006 min
Lab File: VL040101.D
Acq: 16 Jan 2023 17:09

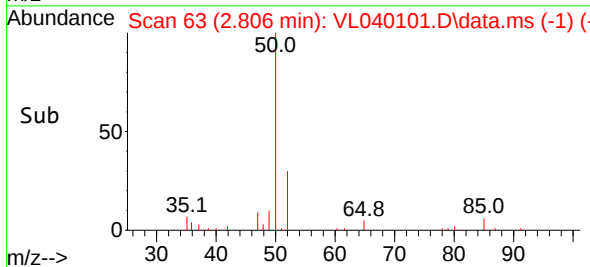
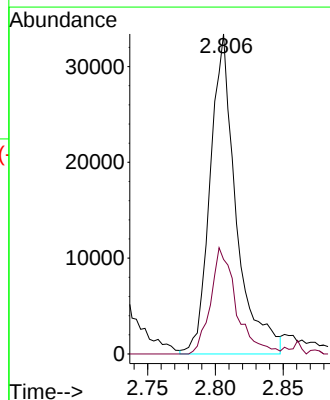
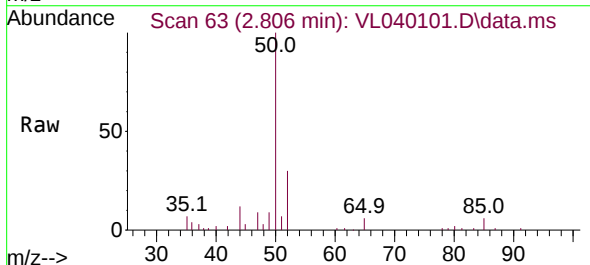
Instrument :
MSVOA_L
ClientSampleId :
BH1N3

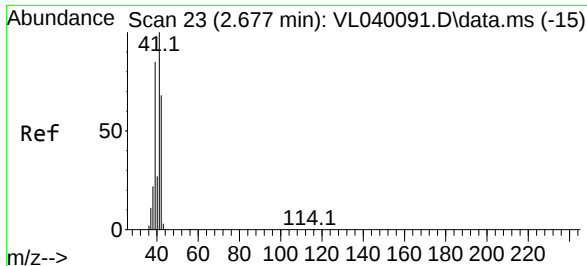
Tgt Ion: 51 Resp: 436011
Ion Ratio Lower Upper
51 100
67 18.1 16.4 24.6



#4
Chloromethane
Concen: 0.540 ppbv
RT: 2.806 min Scan# 63
Delta R.T. 0.006 min
Lab File: VL040101.D
Acq: 16 Jan 2023 17:09

Tgt Ion: 50 Resp: 44440
Ion Ratio Lower Upper
50 100
52 29.9 26.5 39.7





#9

Propene

Concen: 0.717 ppbv

RT: 2.697 min Scan# 24

Delta R.T. 0.019 min

Lab File: VL040101.D

Acq: 16 Jan 2023 17:09

Instrument :

MSVOA_L

ClientSampleId :

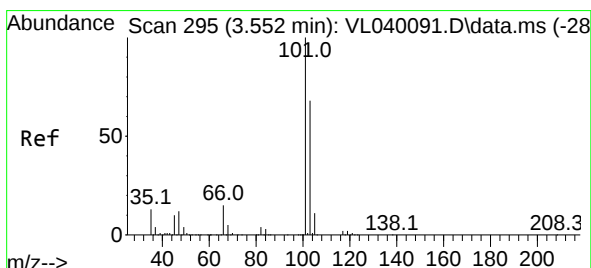
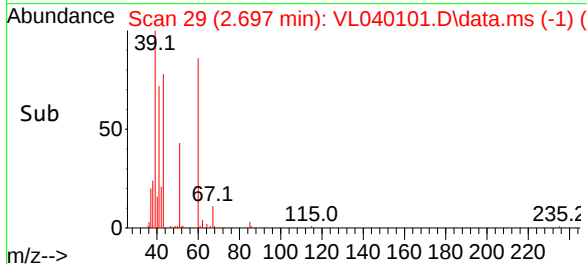
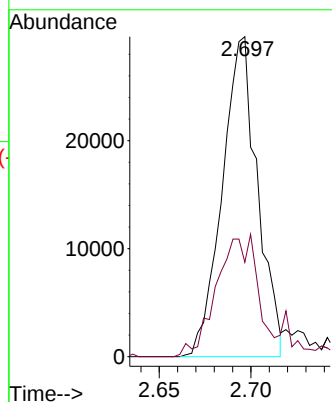
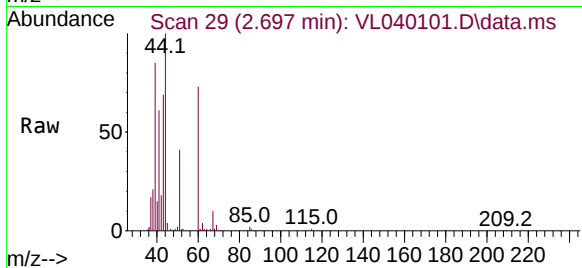
BH1N3

Tgt Ion: 41 Resp: 39661

Ion Ratio Lower Upper

41 100

42 51.6 55.6 83.4#



#11

Trichlorofluoromethane

Concen: 4.424 ppbv

RT: 3.558 min Scan# 297

Delta R.T. 0.006 min

Lab File: VL040101.D

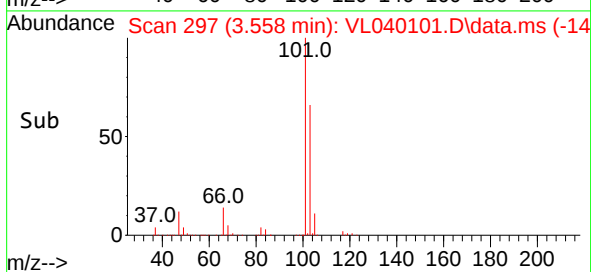
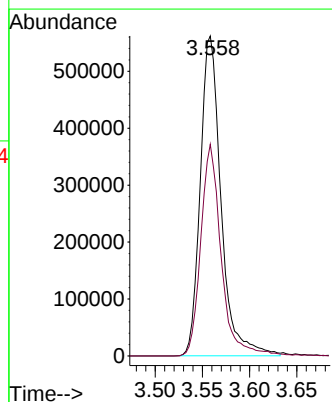
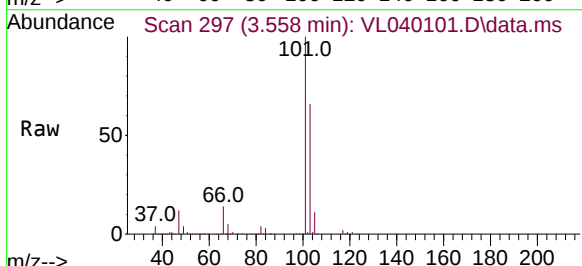
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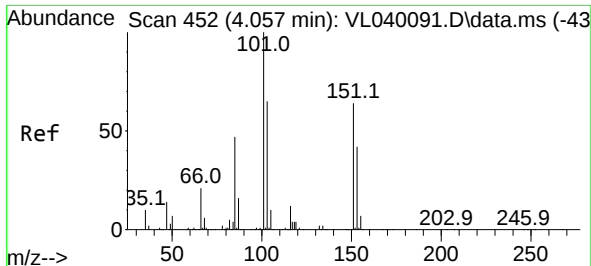
Tgt Ion: 101 Resp: 858951

Ion Ratio Lower Upper

101 100

103 66.1 54.0 81.0

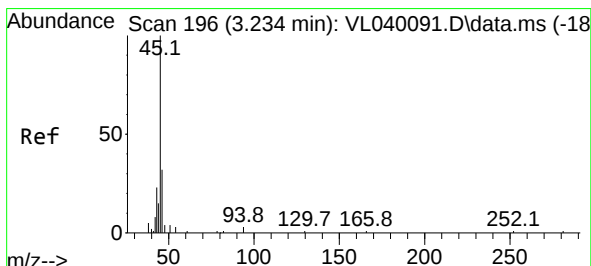
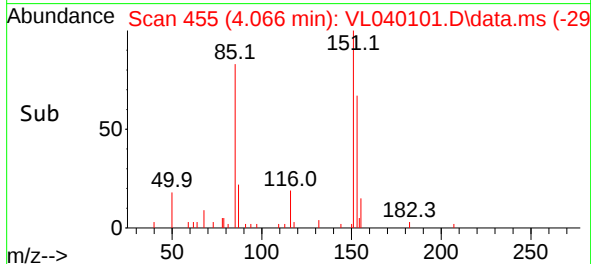
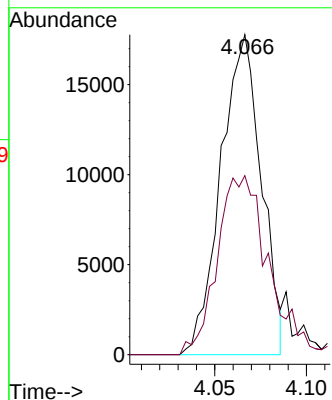
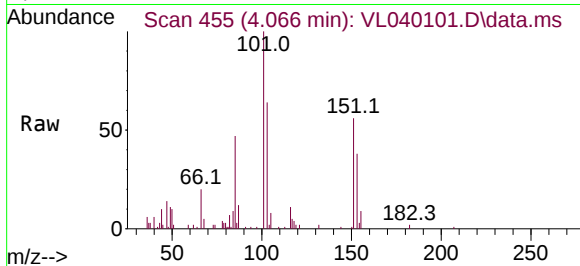




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.187 ppbv
RT: 4.066 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL040101.D
Acq: 16 Jan 2023 17:09

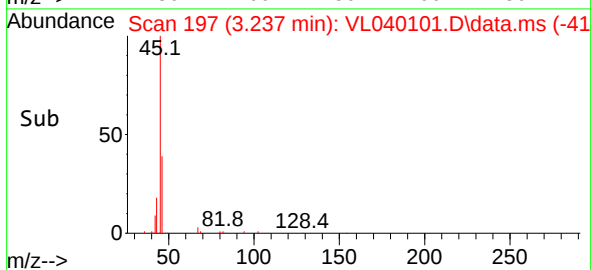
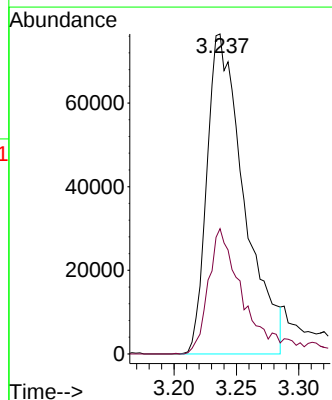
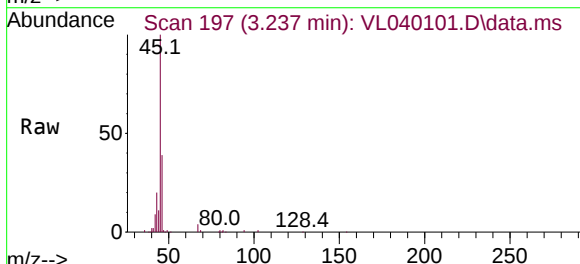
Instrument :
MSVOA_L
ClientSampleId :
BH1N3

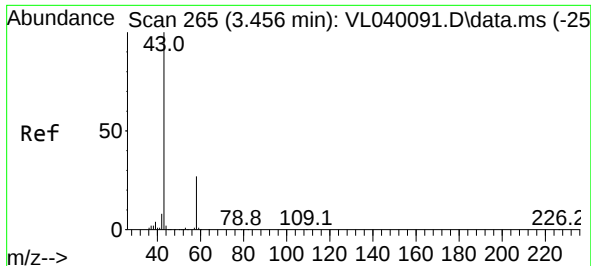
Tgt Ion:101 Resp: 27321
Ion Ratio Lower Upper
101 100
151 72.1 53.2 79.8



#13
Ethanol
Concen: 31.189 ppbv
RT: 3.237 min Scan# 197
Delta R.T. 0.003 min
Lab File: VL040101.D
Acq: 16 Jan 2023 17:09

Tgt Ion: 45 Resp: 158726
Ion Ratio Lower Upper
45 100
46 40.4 14.8 59.2

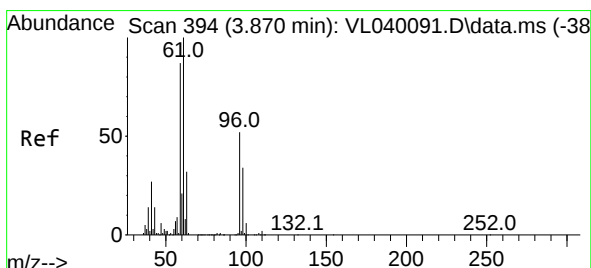
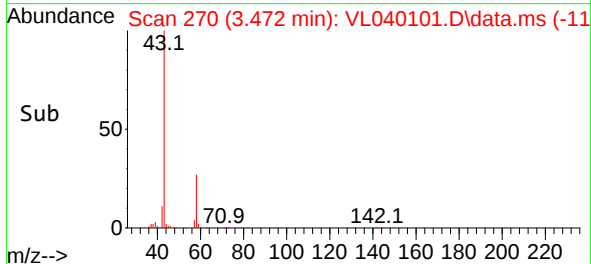
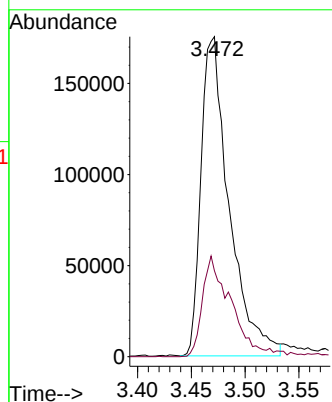
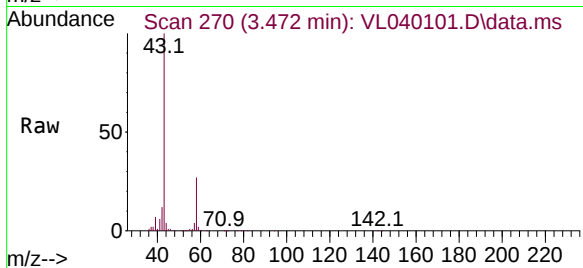




#15
Acetone
Concen: 2.396 ppbv
RT: 3.472 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL040101.D
Acq: 16 Jan 2023 17:09

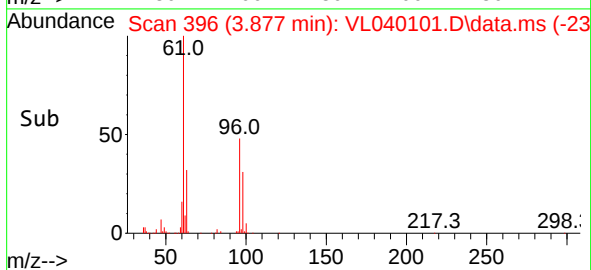
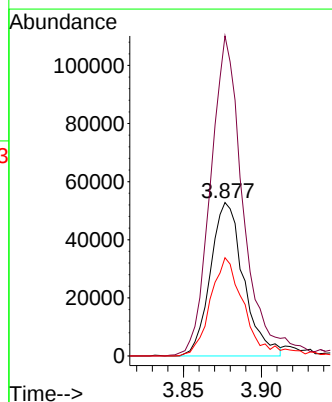
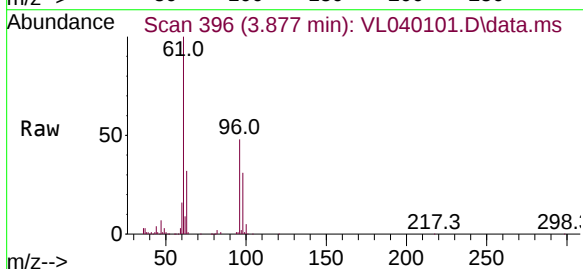
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ClientSampleId :
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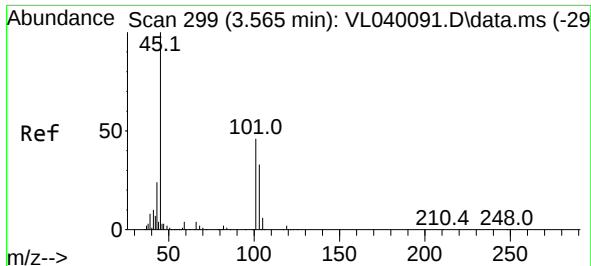
Tgt Ion: 43 Resp: 318885
Ion Ratio Lower Upper
43 100
58 32.6 21.8 32.8



#18
1,1-Dichloroethene
Concen: 1.234 ppbv
RT: 3.877 min Scan# 396
Delta R.T. 0.006 min
Lab File: VL040101.D
Acq: 16 Jan 2023 17:09

Tgt Ion: 96 Resp: 78261
Ion Ratio Lower Upper
96 100
61 206.4 153.0 229.4
98 63.7 52.7 79.1





#19

Isopropyl Alcohol

Concen: 0.417 ppbv

RT: 3.590 min Scan# 307

Delta R.T. 0.026 min

Lab File: VL040101.D

Acq: 16 Jan 2023 17:09

Instrument :

MSVOA_L

ClientSampleId :

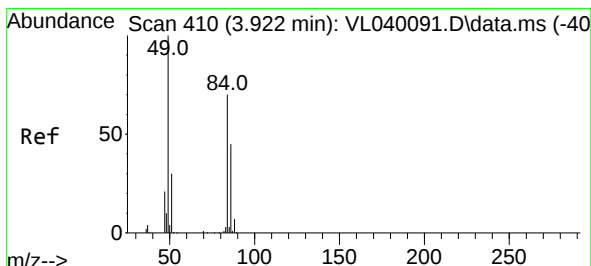
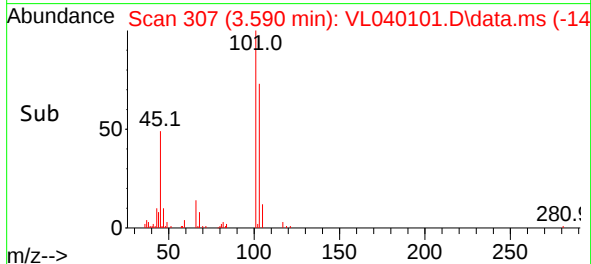
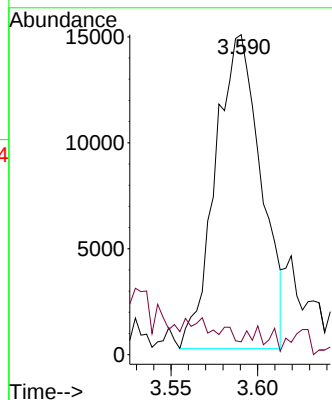
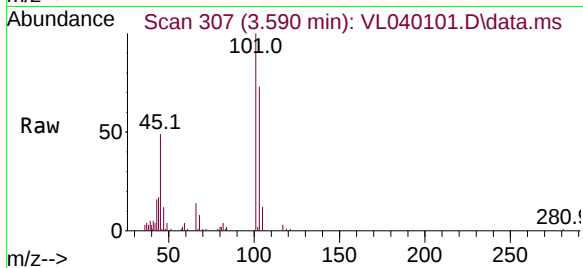
BH1N3

Tgt Ion: 45 Resp: 27151

Ion Ratio Lower Upper

45 100

58 394.5 2.6 4.0#



#20

Methylene Chloride

Concen: 3.889 ppbv

RT: 3.928 min Scan# 412

Delta R.T. 0.006 min

Lab File: VL040101.D

Acq: 16 Jan 2023 17:09

Tgt Ion: 84 Resp: 228289

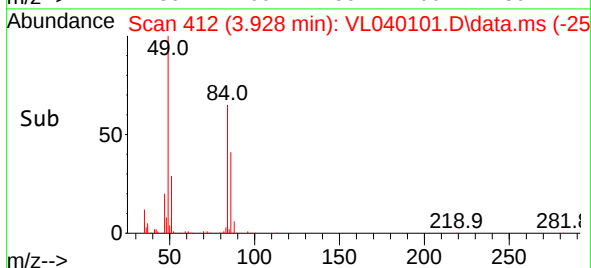
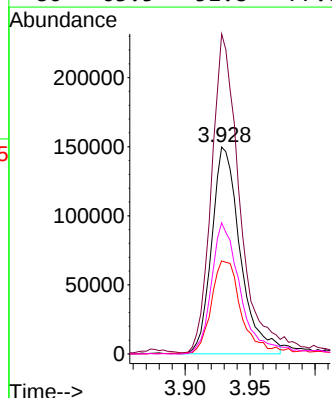
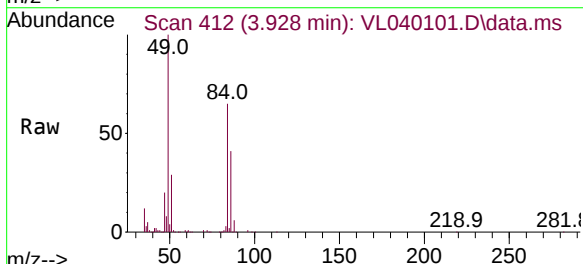
Ion Ratio Lower Upper

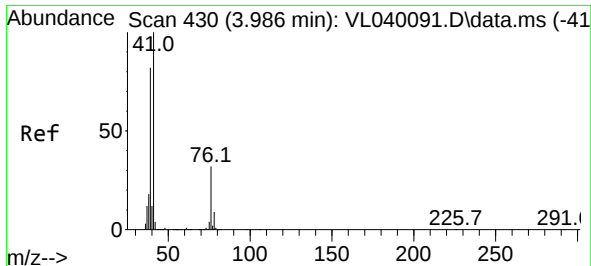
84 100

49 154.3 114.6 171.8

51 44.7 34.3 51.5

86 63.5 51.8 77.8





#21

Allyl Chloride

Concen: 0.071 ppbv

RT: 3.931 min Scan# 41

Delta R.T. -0.055 min

Lab File: VL040101.D

Acq: 16 Jan 2023 17:09

Instrument :

MSVOA_L

ClientSampleId :

BH1N3

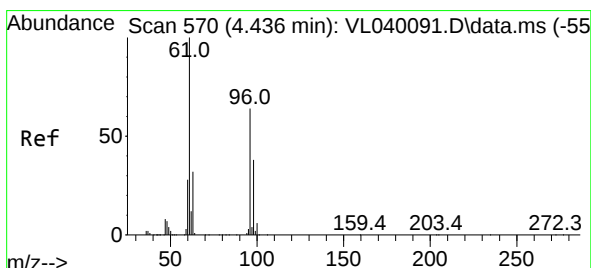
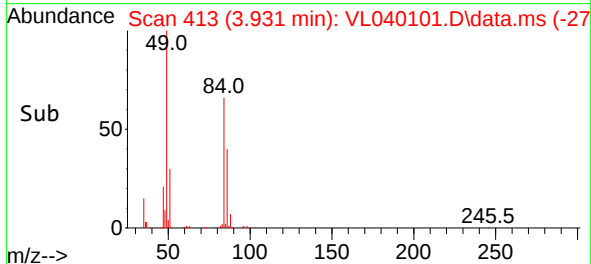
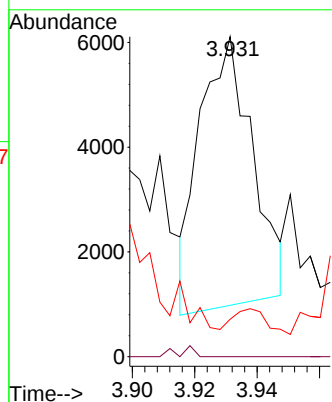
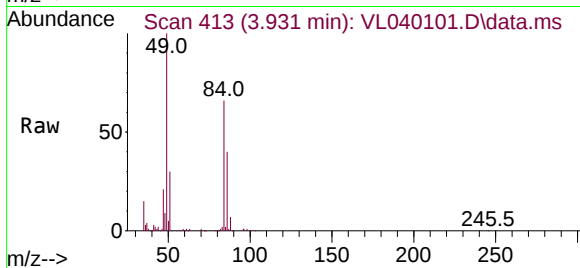
Tgt Ion: 41 Resp: 6056

Ion Ratio Lower Upper

41 100

76 0.0 25.9 38.9#

39 47.9 66.8 100.2#



#22

trans-1,2-Dichloroethene

Concen: 0.296 ppbv

RT: 4.446 min Scan# 573

Delta R.T. 0.010 min

Lab File: VL040101.D

Acq: 16 Jan 2023 17:09

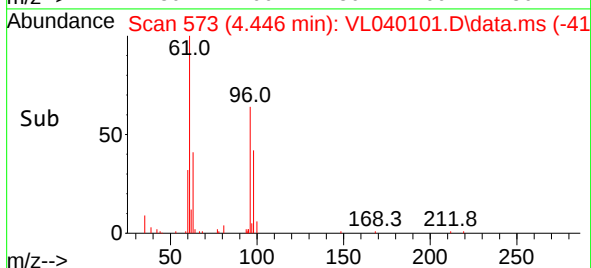
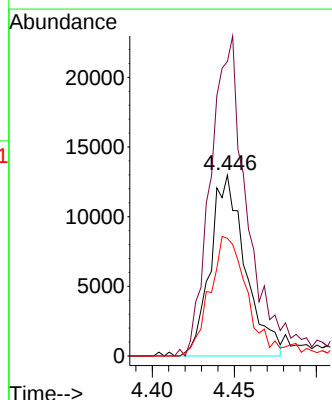
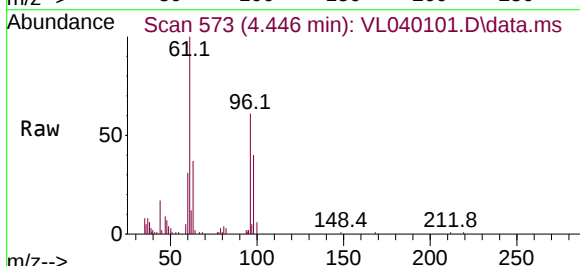
Tgt Ion: 96 Resp: 19153

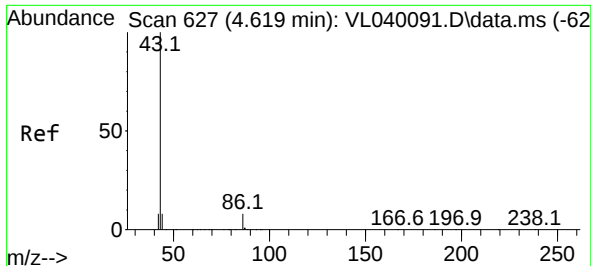
Ion Ratio Lower Upper

96 100

61 159.3 125.8 188.8

98 65.1 47.4 71.2

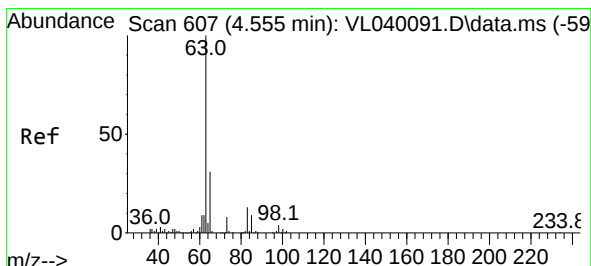
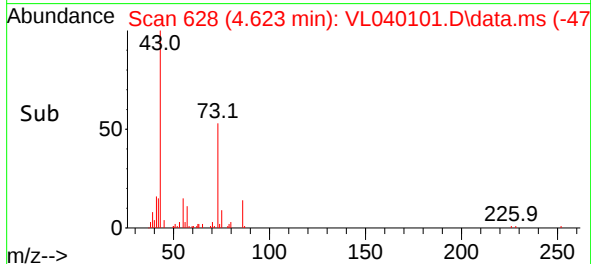
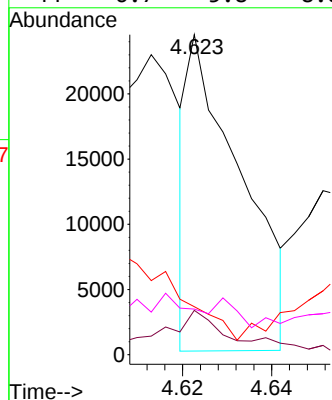
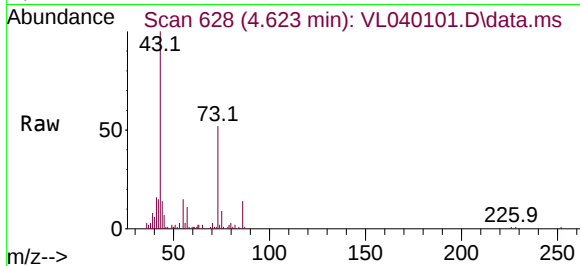




#23
 Vinyl Acetate
 Concen: 0.464 ppbv
 RT: 4.623 min Scan# 610
 Delta R.T. 0.003 min
 Lab File: VL040101.D
 Acq: 16 Jan 2023 17:09

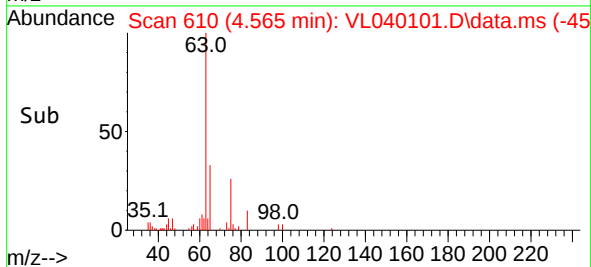
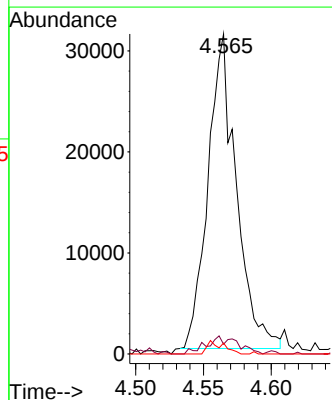
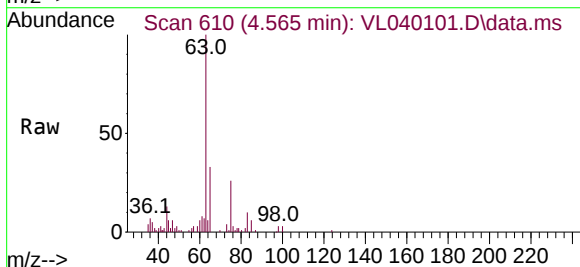
Instrument :
 MSVOA_1
 ClientSampleId :
 BH1N3

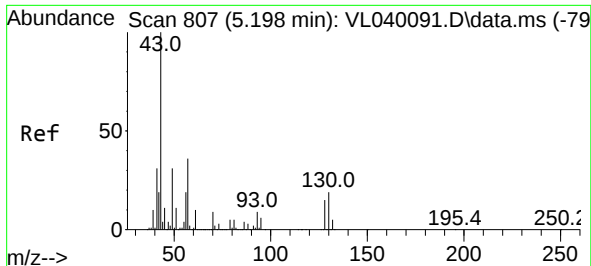
Tgt Ion: 43 Resp: 19993
 Ion Ratio Lower Upper
 43 100
 86 15.3 5.6 8.4#
 42 2.8 7.7 11.5#
 44 6.7 5.8 8.8



#24
 1,1-Dichloroethane
 Concen: 0.347 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. 0.010 min
 Lab File: VL040101.D
 Acq: 16 Jan 2023 17:09

Tgt Ion: 63 Resp: 45301
 Ion Ratio Lower Upper
 63 100
 98 3.1 2.0 5.8
 100 3.5 1.1 3.5#





#25

Ethyl Acetate

Concen: 0.693 ppbv

RT: 5.214 min Scan# 812

Delta R.T. 0.016 min

Lab File: VL040101.D

Acq: 16 Jan 2023 17:09

Instrument :

MSVOA_L

ClientSampleId :

BH1N3

Tgt Ion: 43 Resp: 162421

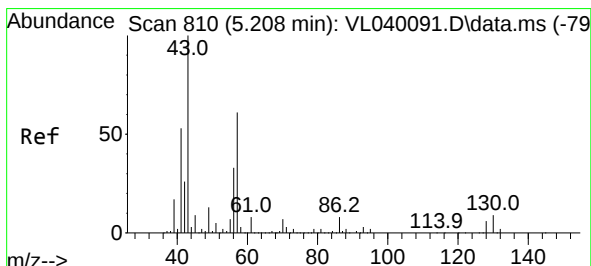
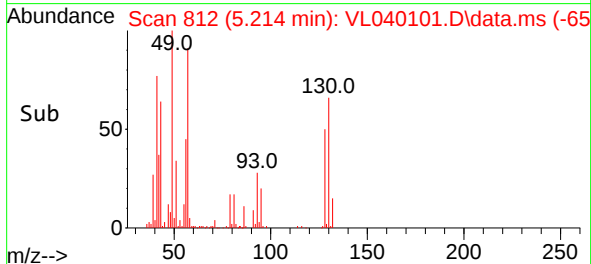
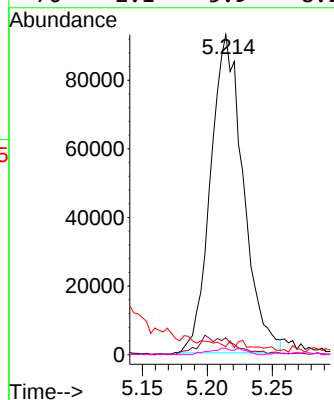
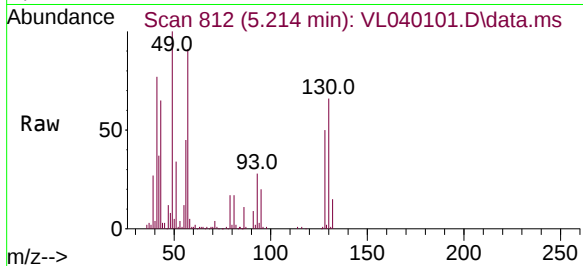
Ion Ratio Lower Upper

43 100

45 6.9 8.5 12.7#

61 0.0 8.4 12.6#

70 2.1 5.9 8.9#



#26

Hexane

Concen: 2.191 ppbv

RT: 5.214 min Scan# 812

Delta R.T. 0.006 min

Lab File: VL040101.D

Acq: 16 Jan 2023 17:09

Tgt Ion: 57 Resp: 224807

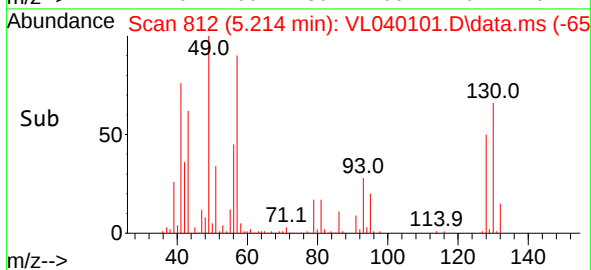
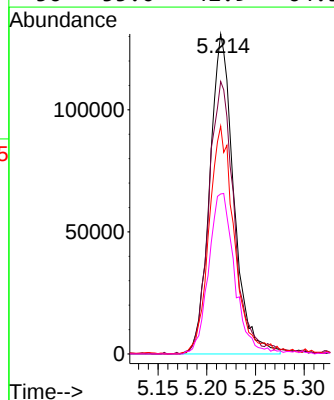
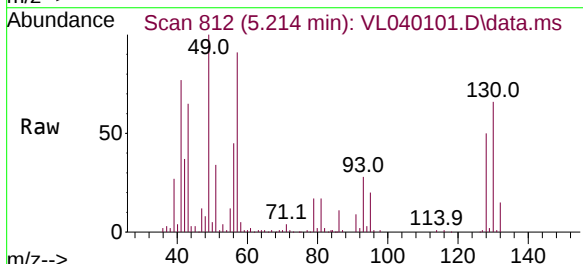
Ion Ratio Lower Upper

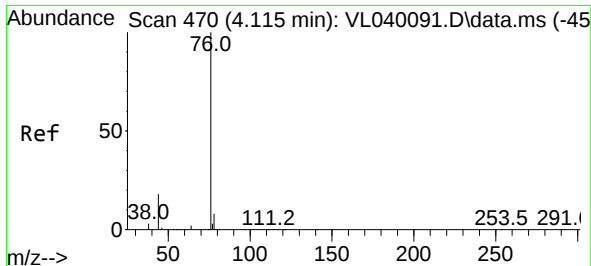
57 100

41 90.9 72.2 108.4

43 77.1 192.1 288.1#

56 55.0 42.9 64.3





#27

Carbon Disulfide

Concen: 0.034 ppbv

RT: 4.118 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040101.D

Acq: 16 Jan 2023 17:09

Instrument :

MSVOA_L

ClientSampleId :

BH1N3

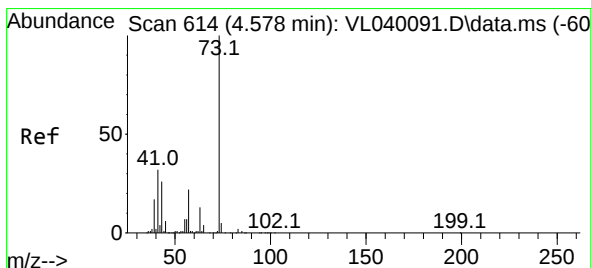
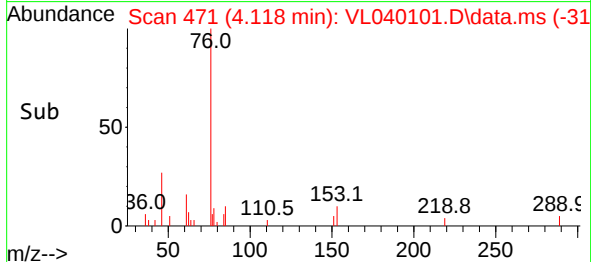
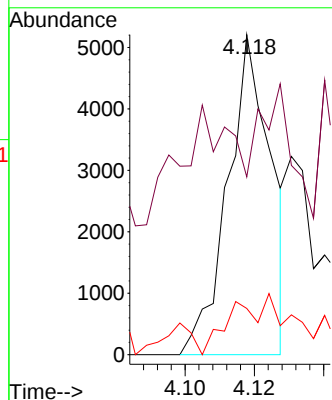
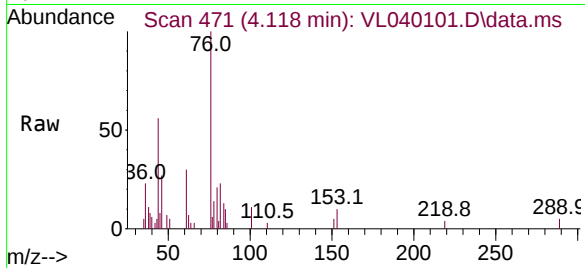
Tgt Ion: 76 Resp: 4475

Ion Ratio Lower Upper

76 100

44 0.0 14.9 22.3#

78 0.0 8.2 12.2#



#28

Methyl tert-Butyl Ether

Concen: 1.170 ppbv

RT: 4.594 min Scan# 619

Delta R.T. 0.016 min

Lab File: VL040101.D

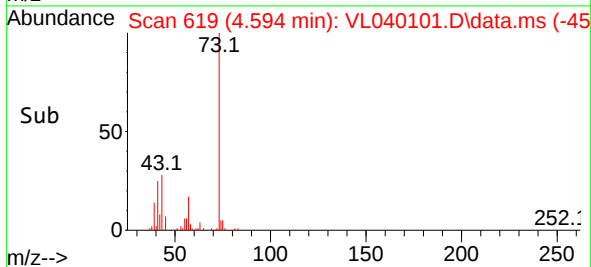
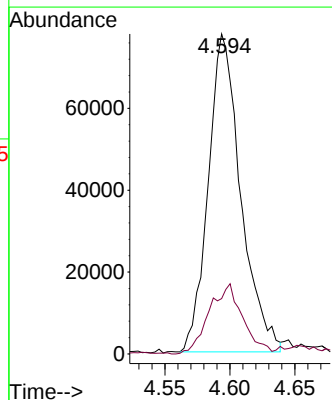
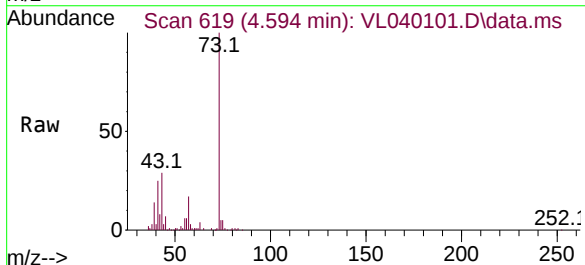
Acq: 16 Jan 2023 17:09

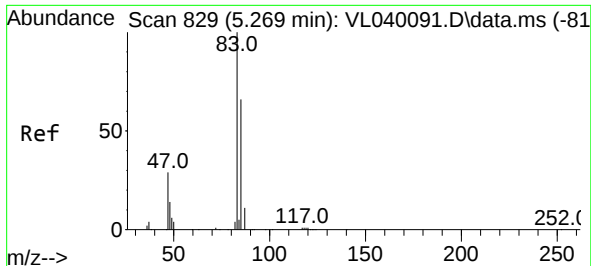
Tgt Ion: 73 Resp: 135068

Ion Ratio Lower Upper

73 100

57 23.0 18.3 27.5





#29

Chloroform

Concen: 0.396 ppbv

RT: 5.275 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL040101.D

Acq: 16 Jan 2023 17:09

Instrument :

MSVOA_L

ClientSampleId :

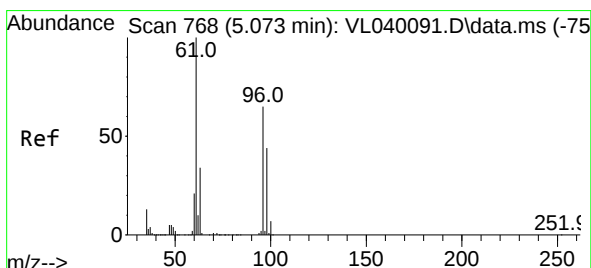
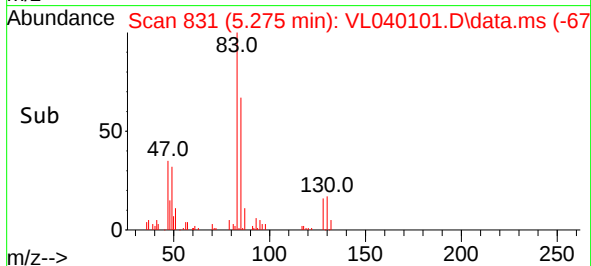
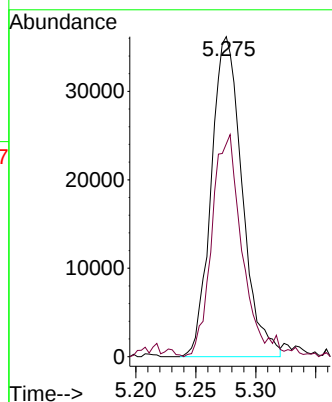
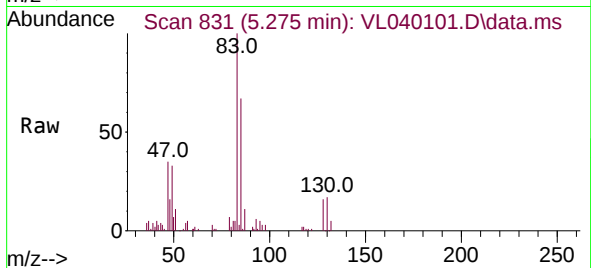
BH1N3

Tgt Ion: 83 Resp: 64906

Ion Ratio Lower Upper

83 100

85 66.0 53.1 79.7



#31

cis-1,2-Dichloroethene

Concen: 10.053 ppbv

RT: 5.079 min Scan# 770

Delta R.T. 0.006 min

Lab File: VL040101.D

Acq: 16 Jan 2023 17:09

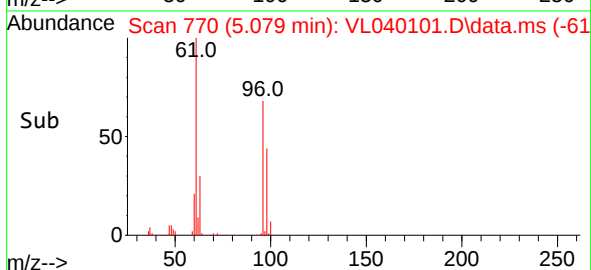
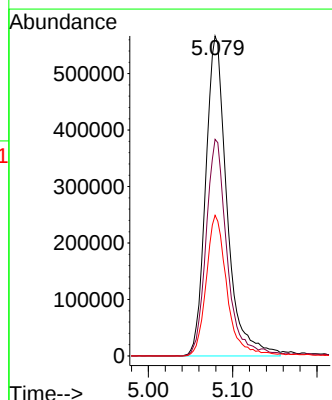
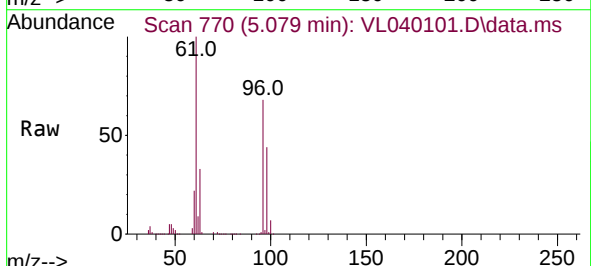
Tgt Ion: 61 Resp: 998453

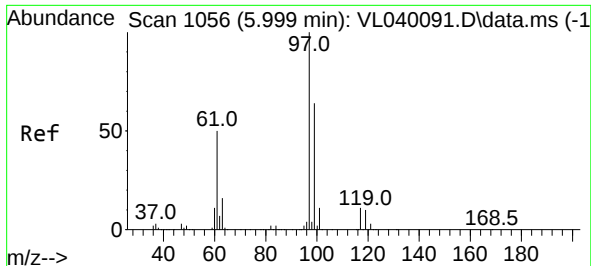
Ion Ratio Lower Upper

61 100

96 67.7 52.0 78.0

98 43.9 35.3 52.9

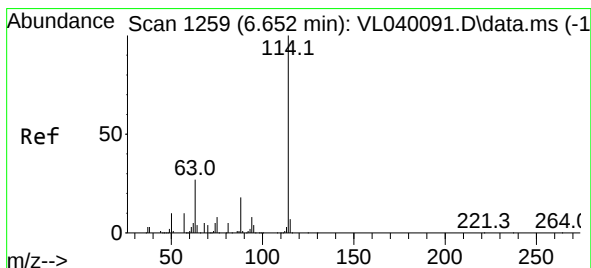
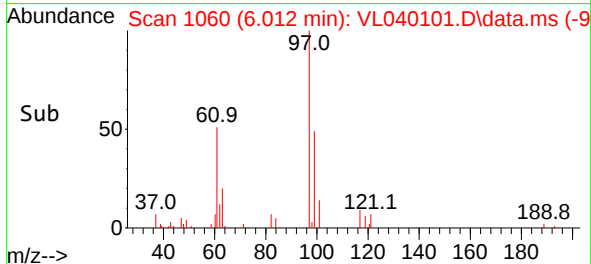
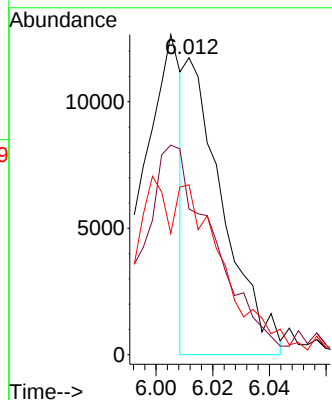
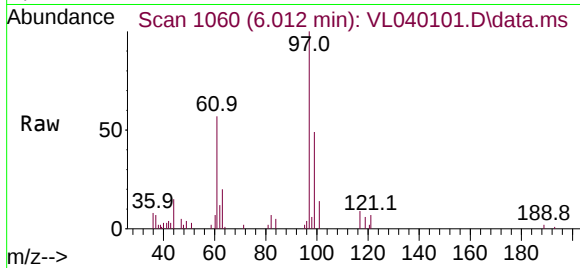




#32
 1,1,1-Trichloroethane
 Concen: 0.065 ppbv
 RT: 6.012 min Scan# 1060
 Delta R.T. 0.013 min
 Lab File: VL040101.D
 Acq: 16 Jan 2023 17:09

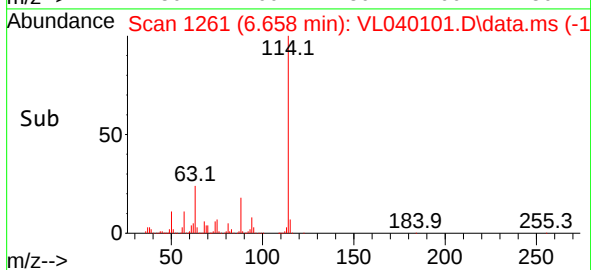
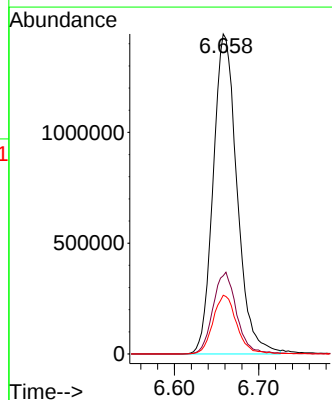
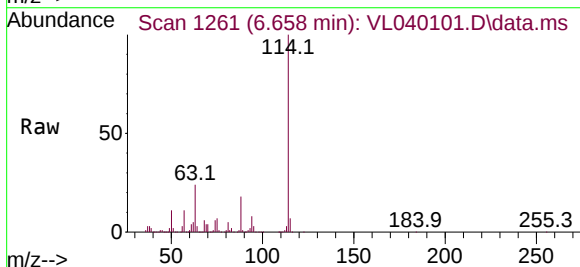
Instrument :
 MSVOA_L
 ClientSampleId :
 BH1N3

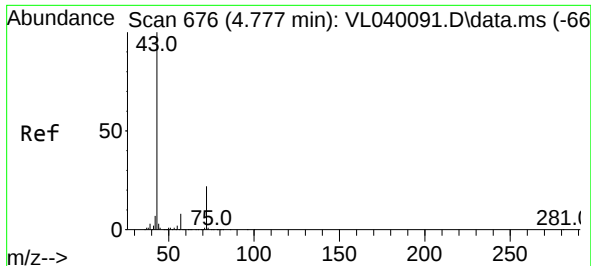
Tgt Ion: 97 Resp: 10884
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.8 77.6#
 61 0.0 40.4 60.6#



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.658 min Scan# 1261
 Delta R.T. 0.006 min
 Lab File: VL040101.D
 Acq: 16 Jan 2023 17:09

Tgt Ion: 114 Resp: 2835072
 Ion Ratio Lower Upper
 114 100
 63 25.5 21.8 32.8
 88 18.4 14.8 22.2

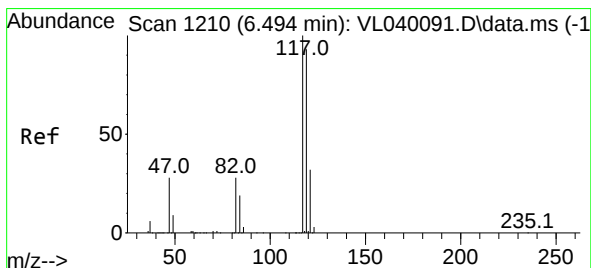
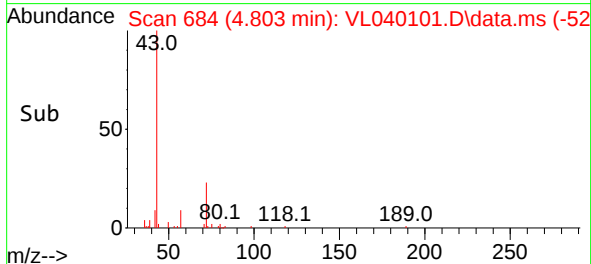
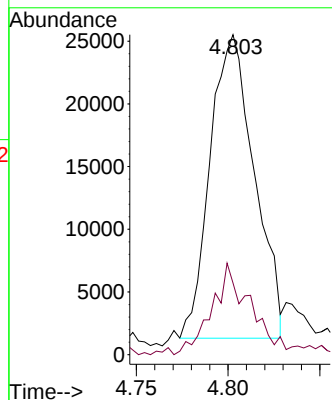
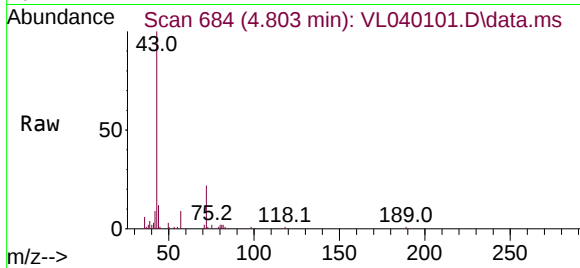




#34
2-Butanone
Concen: 0.303 ppbv
RT: 4.803 min Scan# 61
Delta R.T. 0.026 min
Lab File: VL040101.D
Acq: 16 Jan 2023 17:09

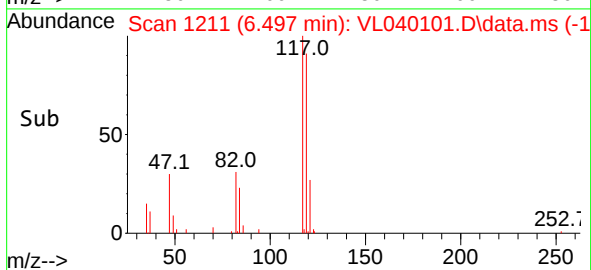
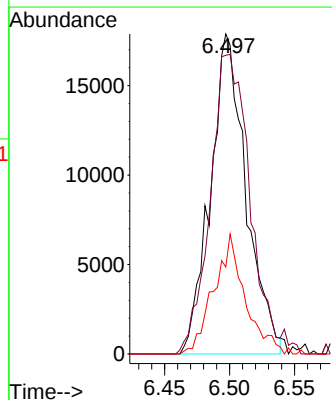
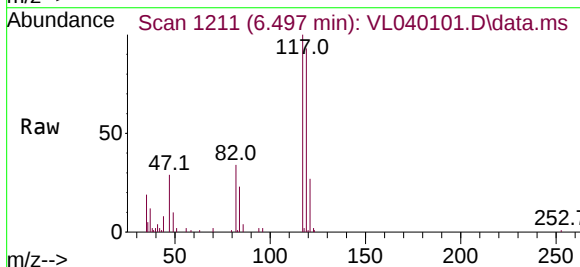
Instrument :
MSVOA_L
ClientSampleId :
BH1N3

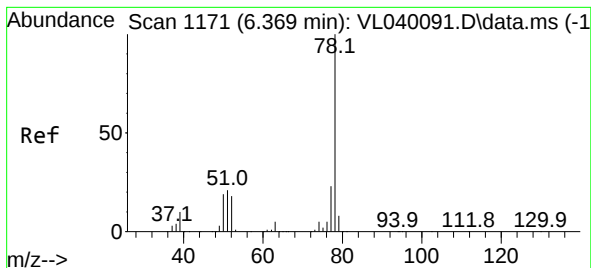
Tgt Ion: 43 Resp: 40651
Ion Ratio Lower Upper
43 100
72 27.2 18.4 27.6



#35
Carbon Tetrachloride
Concen: 0.213 ppbv
RT: 6.497 min Scan# 1211
Delta R.T. 0.003 min
Lab File: VL040101.D
Acq: 16 Jan 2023 17:09

Tgt Ion: 117 Resp: 34107
Ion Ratio Lower Upper
117 100
119 92.1 74.5 111.7
121 27.2 25.4 38.0





#36

Benzene

Concen: 0.242 ppbv

RT: 6.375 min Scan# 1171

Delta R.T. 0.006 min

Lab File: VL040101.D

Acq: 16 Jan 2023 17:09

Instrument :

MSVOA_L

ClientSampleId :

BH1N3

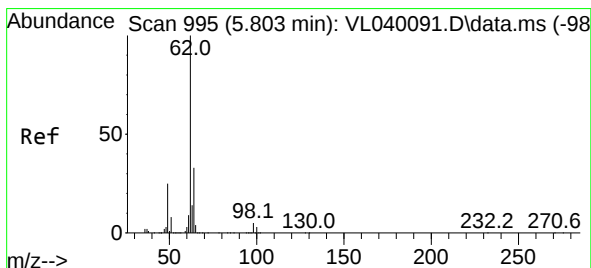
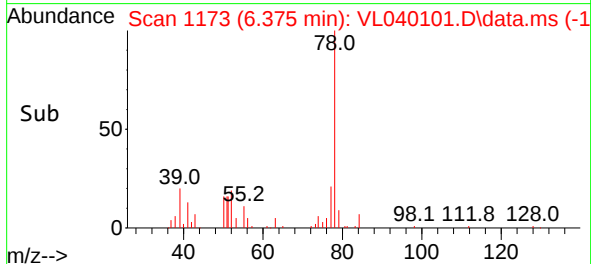
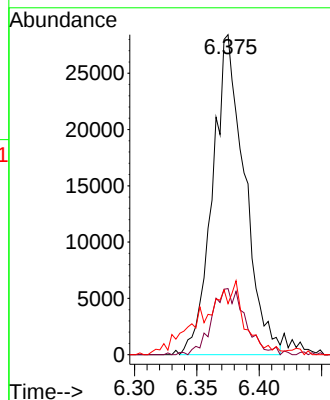
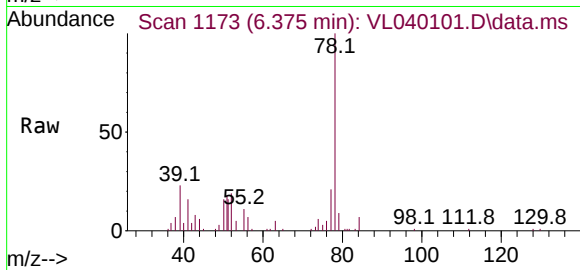
Tgt Ion: 78 Resp: 50693

Ion Ratio Lower Upper

78 100

77 20.6 18.1 27.1

50 14.7 15.6 23.4#



#37

1,2-Dichloroethane

Concen: 0.042 ppbv

RT: 5.812 min Scan# 998

Delta R.T. 0.010 min

Lab File: VL040101.D

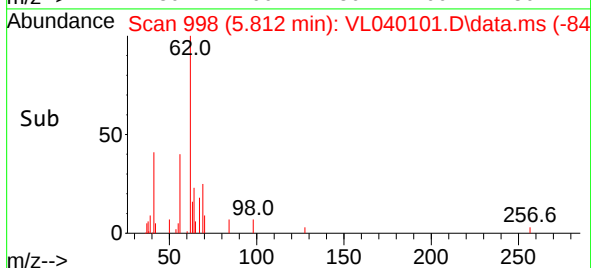
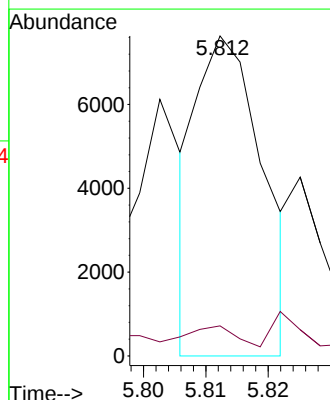
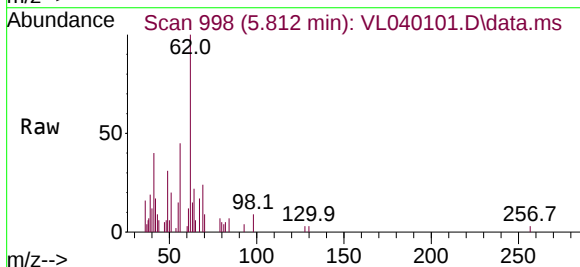
Acq: 16 Jan 2023 17:09

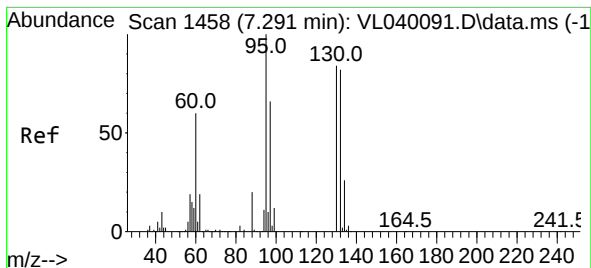
Tgt Ion: 62 Resp: 5617

Ion Ratio Lower Upper

62 100

98 0.0 4.4 6.6#





#38

Trichloroethene

Concen: 40.080 ppbv

RT: 7.301 min Scan# 1458

Delta R.T. 0.010 min

Lab File: VL040101.D

Acq: 16 Jan 2023 17:09

Instrument :

MSVOA_L

ClientSampleId :

BH1N3

Tgt Ion:130 Resp: 4772386

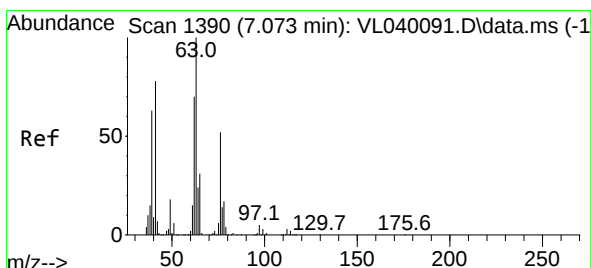
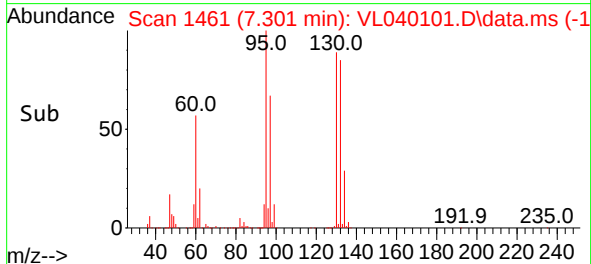
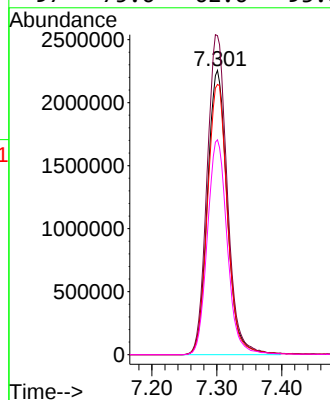
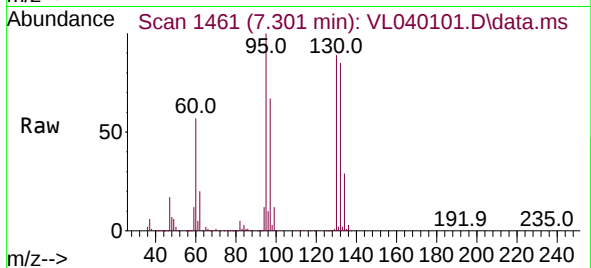
Ion Ratio Lower Upper

130 100

95 112.2 95.0 142.6

132 95.0 77.9 116.9

97 75.6 62.6 93.8



#39

1,2-Dichloropropane

Concen: 0.206 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. 0.225 min

Lab File: VL040101.D

Acq: 16 Jan 2023 17:09

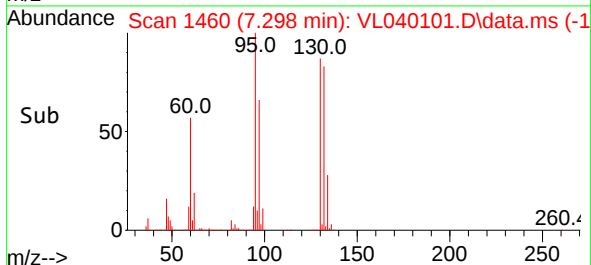
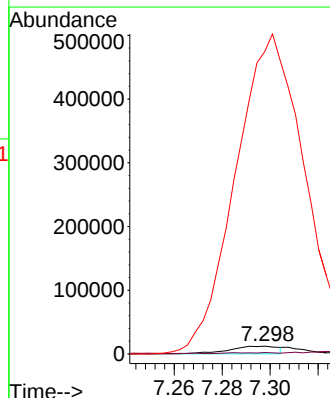
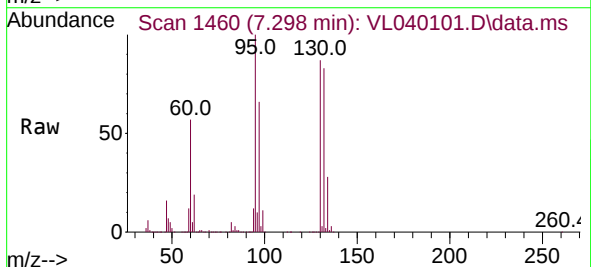
Tgt Ion: 63 Resp: 16901

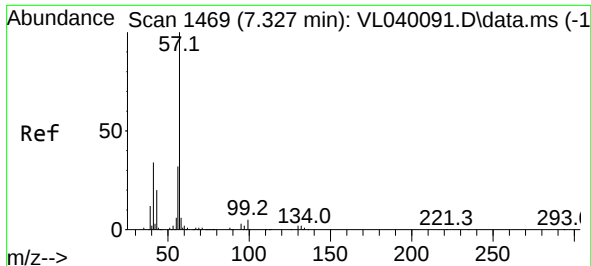
Ion Ratio Lower Upper

63 100

41 11.1 62.2 93.4#

62 3870.8 55.8 83.8#

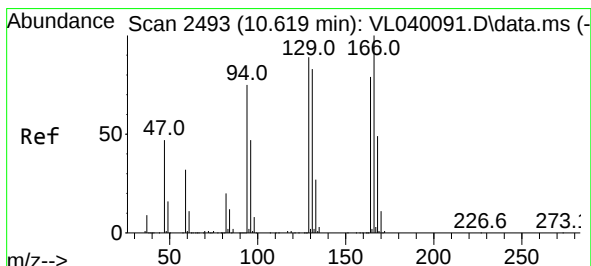
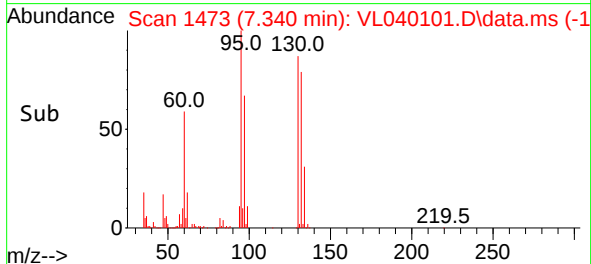
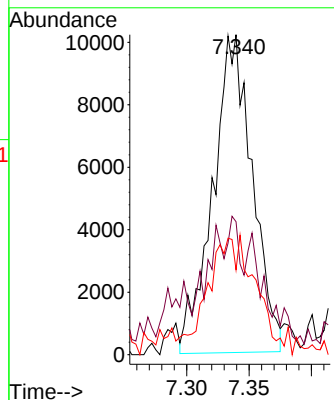
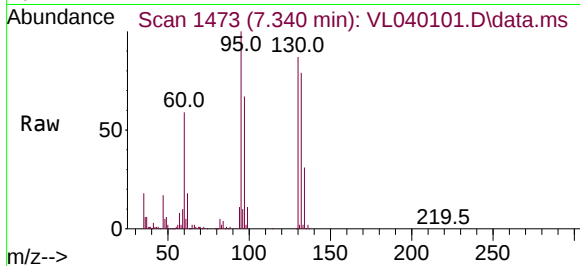




#44
 2,2,4-Trimethylpentane
 Concen: 0.064 ppbv
 RT: 7.340 min Scan# 1469
 Delta R.T. 0.013 min
 Lab File: VL040101.D
 Acq: 16 Jan 2023 17:09

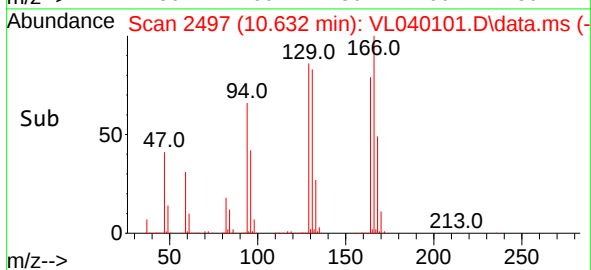
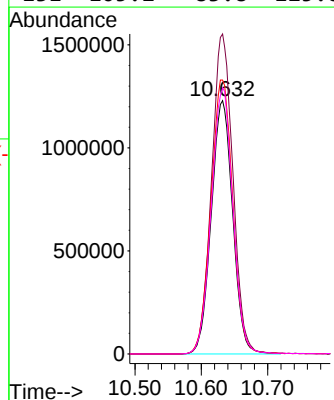
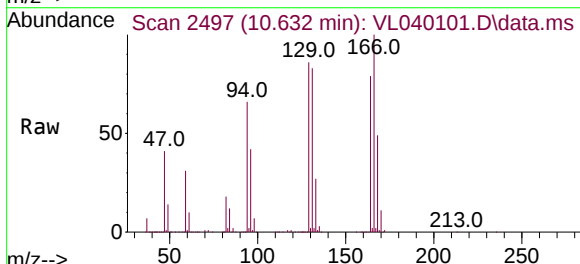
Instrument :
 MSVOA_L
 ClientSampleId :
 BH1N3

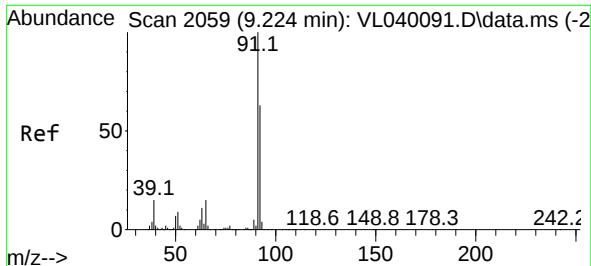
Tgt Ion: 57 Resp: 22446
 Ion Ratio Lower Upper
 57 100
 41 72.2 27.1 40.7#
 56 56.6 25.0 37.4#



#52
 Tetrachloroethene
 Concen: 40.075 ppbv
 RT: 10.632 min Scan# 2497
 Delta R.T. 0.013 min
 Lab File: VL040101.D
 Acq: 16 Jan 2023 17:09

Tgt Ion:164 Resp: 2750500
 Ion Ratio Lower Upper
 164 100
 166 126.4 101.2 151.8
 129 108.2 90.2 135.2
 131 105.2 83.8 125.8

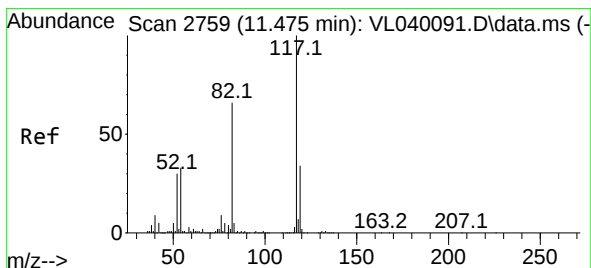
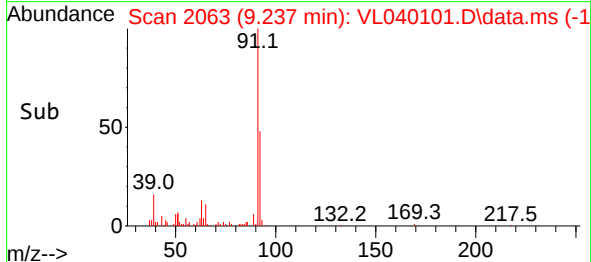
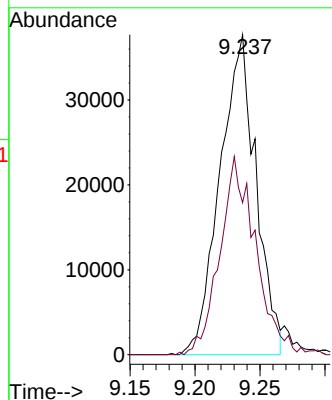
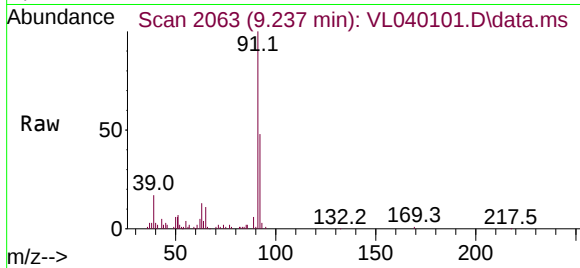




#53
Toluene
Concen: 0.325 ppbv
RT: 9.237 min Scan# 2059
Delta R.T. 0.013 min
Lab File: VL040101.D
Acq: 16 Jan 2023 17:09

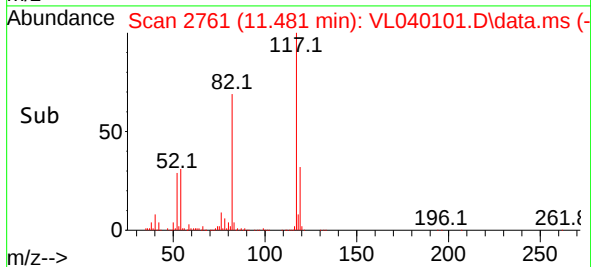
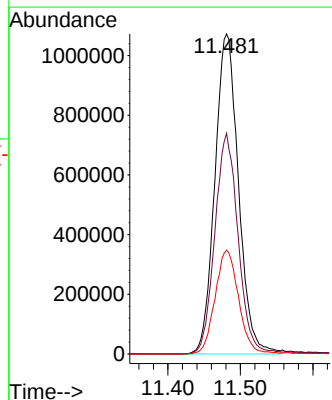
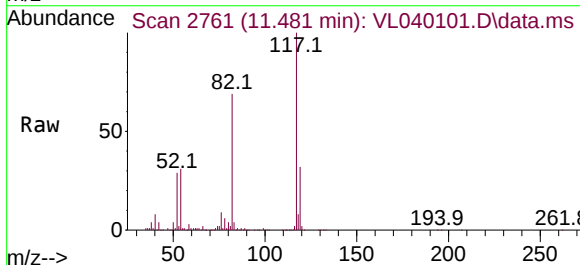
Instrument :
MSVOA_L
ClientSampleId :
BH1N3

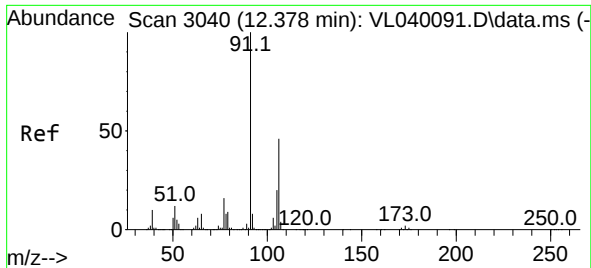
Tgt Ion: 91 Resp: 72646
Ion Ratio Lower Upper
91 100
92 62.0 48.3 72.5



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. 0.006 min
Lab File: VL040101.D
Acq: 16 Jan 2023 17:09

Tgt Ion: 117 Resp: 2427930
Ion Ratio Lower Upper
117 100
82 68.6 54.4 81.6
119 32.7 26.8 40.2





#59

m/p-Xylene

Concen: 0.031 ppbv

RT: 12.371 min Scan# 3040

Delta R.T. -0.007 min

Lab File: VL040101.D

Acq: 16 Jan 2023 17:09

Instrument :

MSVOA_1

ClientSampleId :

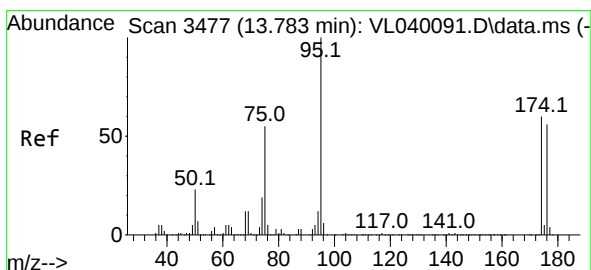
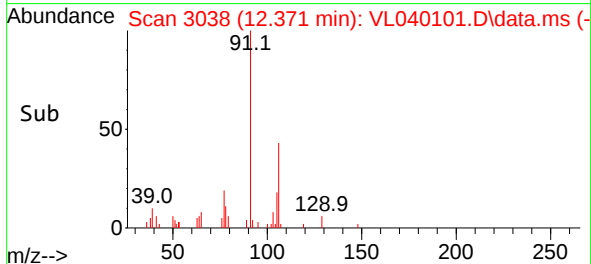
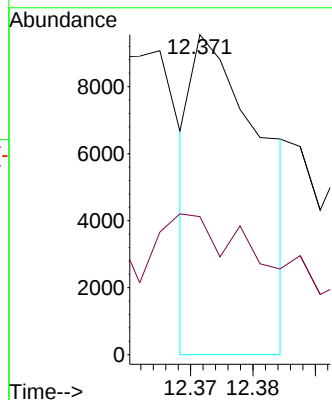
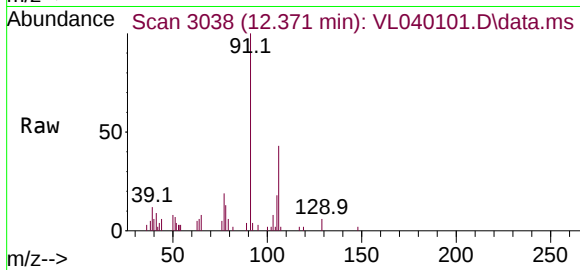
BH1N3

Tgt Ion: 91 Resp: 7449

Ion Ratio Lower Upper

91 100

106 0.0 34.2 51.4#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.586 ppbv

RT: 13.793 min Scan# 3480

Delta R.T. 0.010 min

Lab File: VL040101.D

Acq: 16 Jan 2023 17:09

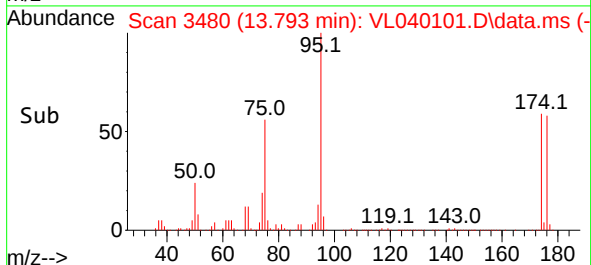
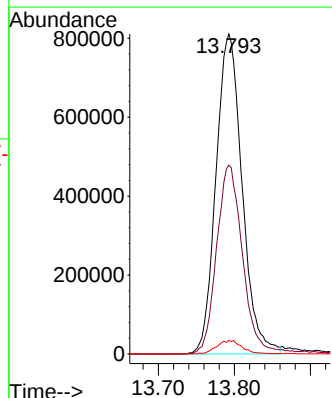
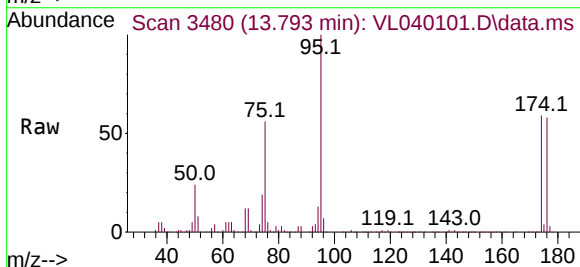
Tgt Ion: 95 Resp: 1934255

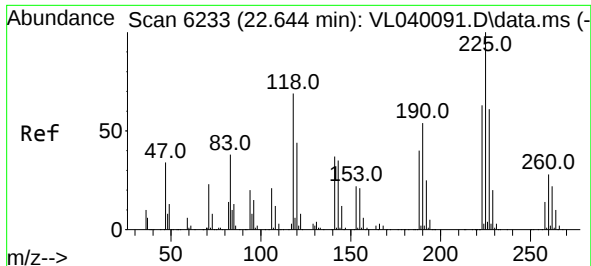
Ion Ratio Lower Upper

95 100

174 60.1 47.7 71.5

175 4.2 3.4 5.2

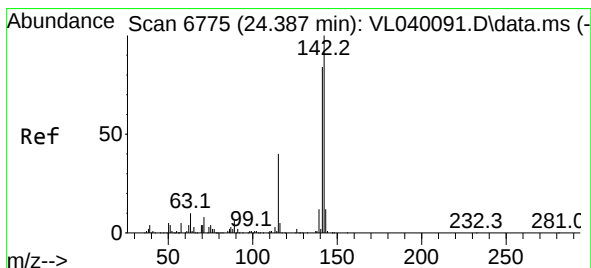
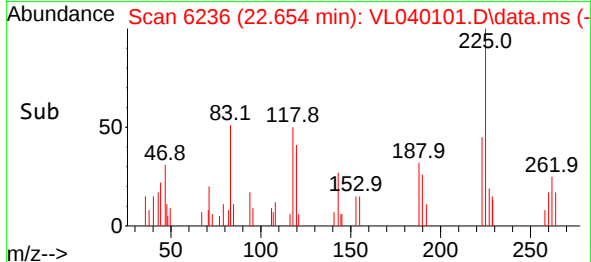
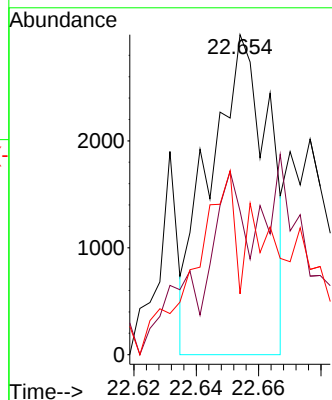
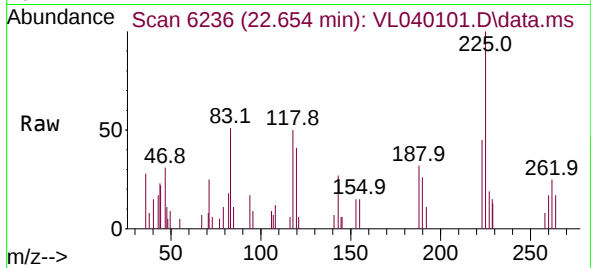




#78
Hexachloro-1,3-Butadiene
Concen: 0.040 ppbv
RT: 22.654 min Scan# 61
Delta R.T. 0.010 min
Lab File: VL040101.D
Acq: 16 Jan 2023 17:09

Instrument :
MSVOA_L
ClientSampleId :
BH1N3

Tgt Ion:225 Resp: 3957
Ion Ratio Lower Upper
225 100
223 0.0 51.5 77.3#
227 96.6 50.6 76.0#



#80
Naphthalene,2-methyl-
Concen: 0.071 ppbv
RT: 24.416 min Scan# 6784
Delta R.T. 0.029 min
Lab File: VL040101.D
Acq: 16 Jan 2023 17:09

Tgt Ion:142 Resp: 3507
Ion Ratio Lower Upper
142 100
141 0.0 65.0 97.6#
115 27.3 31.8 47.8#

