

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040560.D
 Acq On : 27 Jul 2023 4:08
 Operator : SY/MD
 Sample : 03572-13 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 27 04:47:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 27 04:45:44 2023
 Response via : Initial Calibration

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

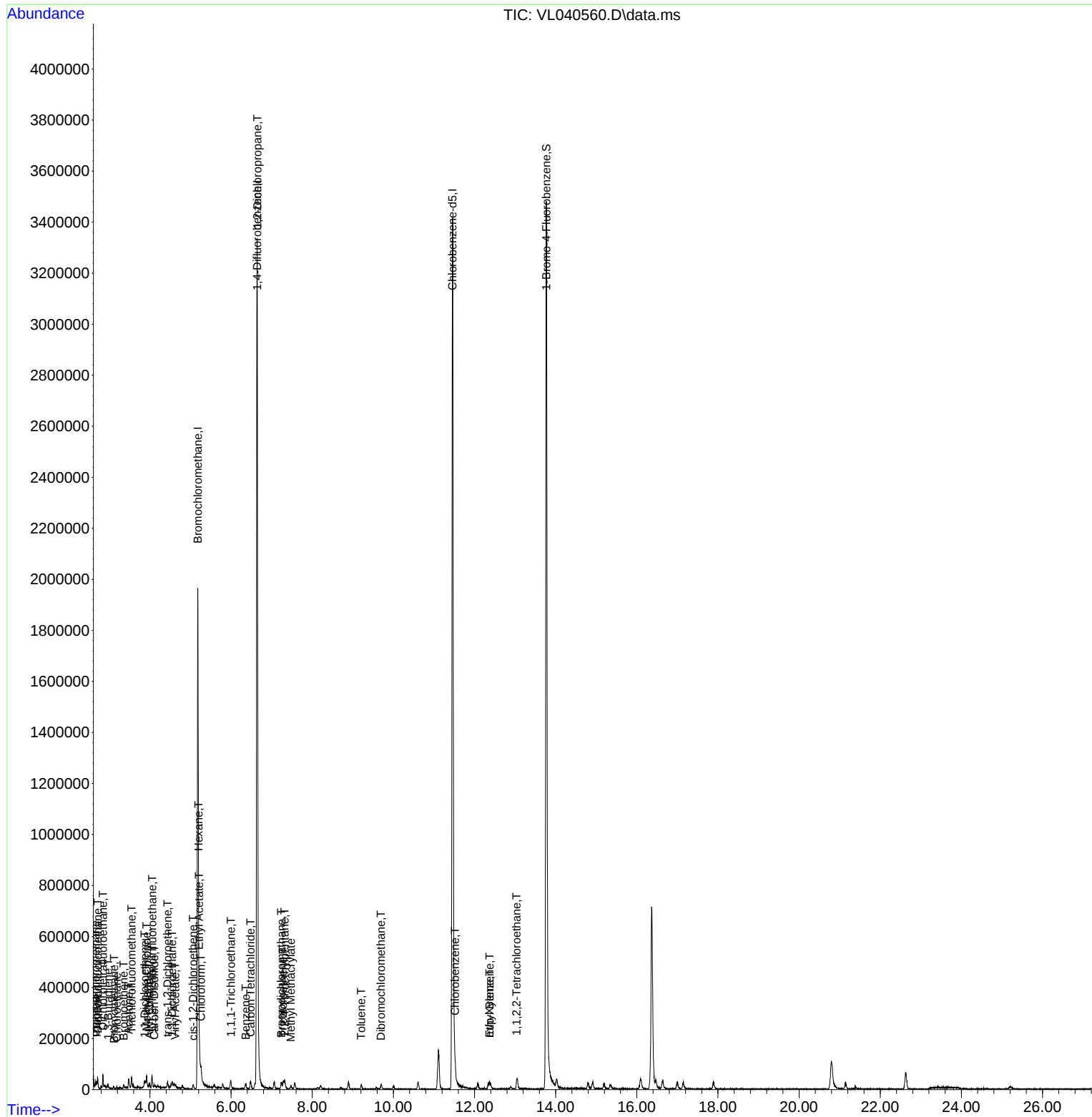
Internal Standards						
1) Bromochloromethane	5.179	49	961505	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.642	114	2379571	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.458	117	2103637	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1684993	10.121	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.713	85	29048	0.151	ppbv	99
3) Chlorodifluoromethane	2.658	51	19050	0.125	ppbv #	89
6) Bromomethane	3.115	94	1151	0.043	ppbv	85
7) Chloroethane	3.182	64	2065	0.093	ppbv #	37
8) Dichlorotetrafluoroethane	2.841	85	19170	0.121	ppbv	94
9) Propene	2.687	41	6437	0.123	ppbv #	69
11) Trichlorofluoromethane	3.549	101	21779	0.140	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.057	101	6851	0.063	ppbv #	13
14) Bromoethene	3.356	108	3960	0.084	ppbv #	5
15) Acetone	3.478	43	32723	0.296	ppbv #	78
16) 1,3-Butadiene	2.973	39	1799	0.032	ppbv #	8
18) 1,1-Dichloroethene	3.870	96	5131	0.102	ppbv #	69
20) Methylene Chloride	3.919	84	7245	0.154	ppbv	94
21) Allyl Chloride	3.989	41	2692	0.043	ppbv #	7
22) trans-1,2-Dichloroethene	4.433	96	5994	0.121	ppbv #	81
23) Vinyl Acetate	4.623	43	7381	0.070	ppbv #	87
24) 1,1-Dichloroethane	4.549	63	9396	0.088	ppbv #	94
25) Ethyl Acetate	5.208	43	20244	0.096	ppbv	98
26) Hexane	5.198	57	10497	0.107	ppbv #	93
27) Carbon Disulfide	4.105	76	6795	0.059	ppbv #	15
29) Chloroform	5.259	83	21728	0.134	ppbv	96
31) cis-1,2-Dichloroethene	5.066	61	5498	0.057	ppbv #	79
32) 1,1,1-Trichloroethane	5.996	97	7217	0.045	ppbv #	1
35) Carbon Tetrachloride	6.478	117	16367	0.114	ppbv	92
36) Benzene	6.362	78	16880	0.088	ppbv #	90
38) Trichloroethene	7.279	130	2216	0.031	ppbv #	47
39) 1,2-Dichloropropane	6.645	63	623547	8.460	ppbv #	26
42) Bromodichloromethane	7.240	83	10309	0.066	ppbv #	89
43) Methyl Methacrylate	7.475	69	2900	0.040	ppbv #	28
44) 2,2,4-Trimethylpentane	7.317	57	15747	0.051	ppbv #	45
48) Dibromochloromethane	9.696	129	6654	0.053	ppbv #	10
53) Toluene	9.208	91	9370	0.045	ppbv #	69
57) Chlorobenzene	11.523	112	7632	0.047	ppbv #	58
58) Ethyl Benzene	12.372	91	8978	0.034	ppbv	98
59) m/p-Xylene	12.372	91	8978	0.038	ppbv #	31
63) 1,1,2,2-Tetrachloroethane	13.037	83	6270	0.040	ppbv #	1

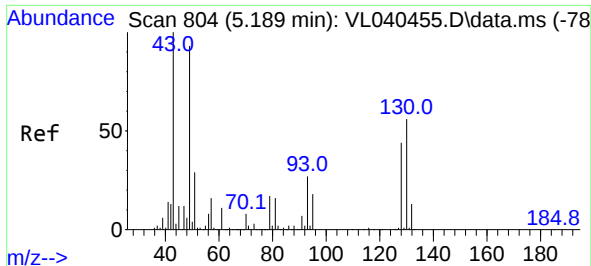
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
Data File : VL040560.D
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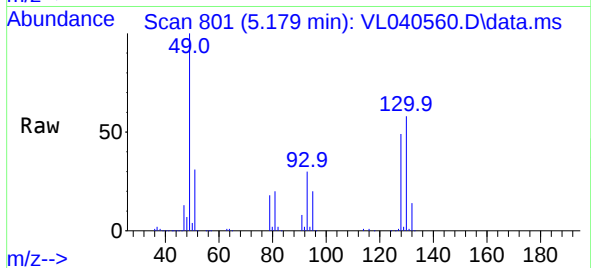
Quant Time: Jul 27 04:47:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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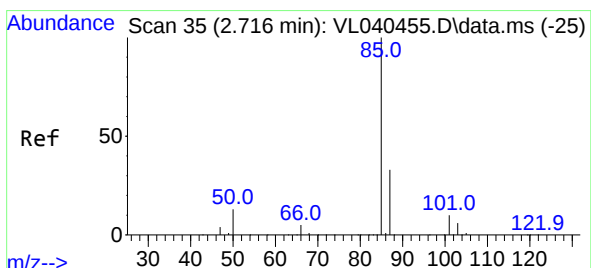
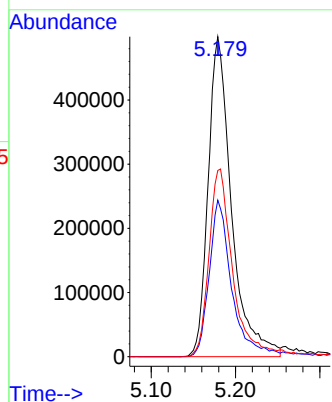
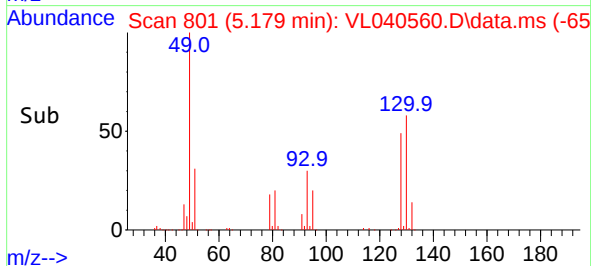


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.023 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

Instrument :
MSVOA_L
ClientSampleId :

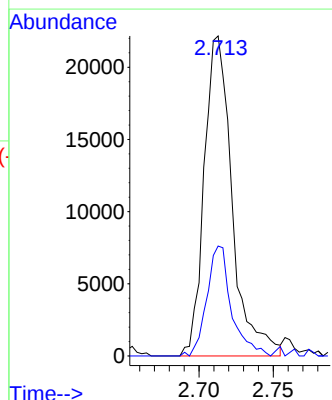
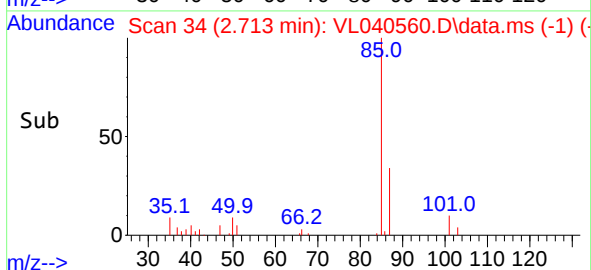
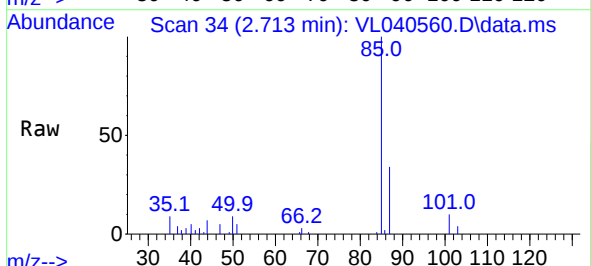


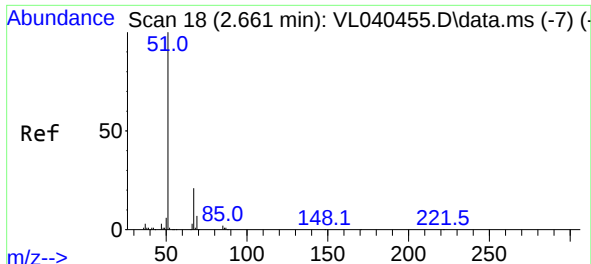
Tgt Ion: 49 Resp: 961505
Ion Ratio Lower Upper
49 100
128 48.2 25.1 75.4
130 60.3 31.6 94.7



#2
Dichlorodifluoromethane
Concen: 0.151 ppbv
RT: 2.713 min Scan# 34
Delta R.T. -0.026 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

Tgt Ion: 85 Resp: 29048
Ion Ratio Lower Upper
85 100
87 34.3 26.8 40.2

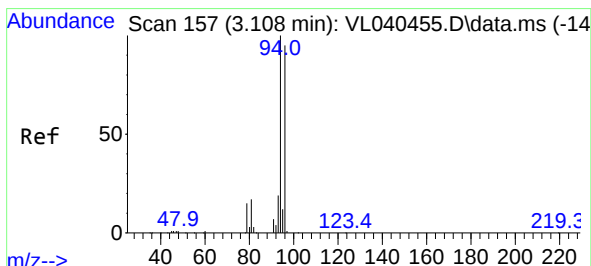
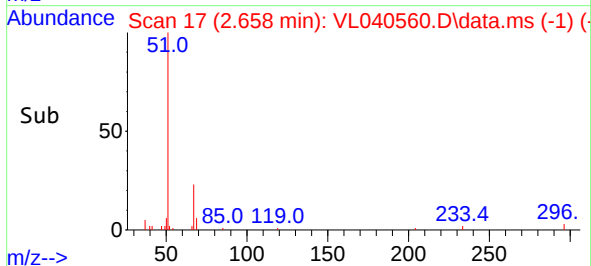
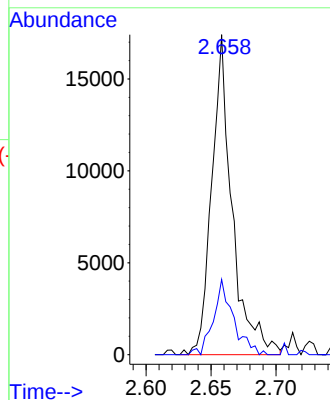
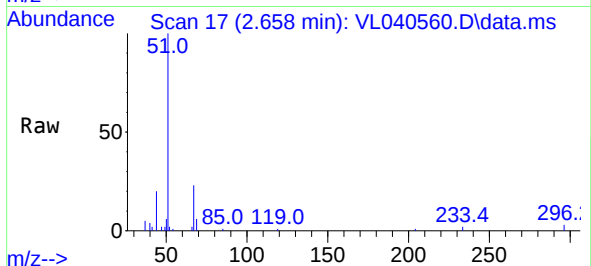




#3
Chlorodifluoromethane
Concen: 0.125 ppbv
RT: 2.658 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

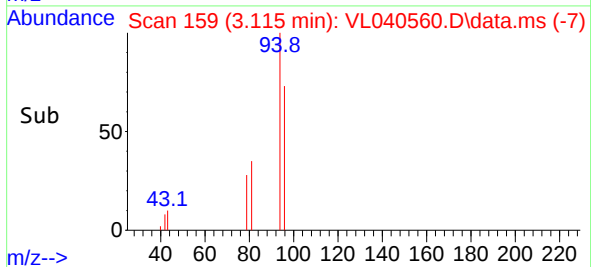
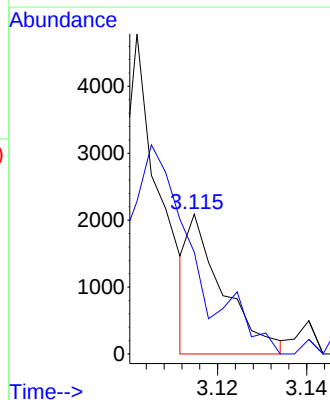
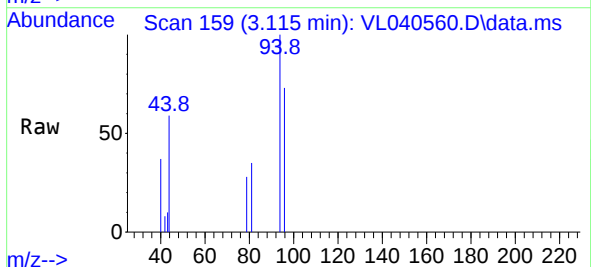
Instrument :
MSVOA_L
ClientSampleId :

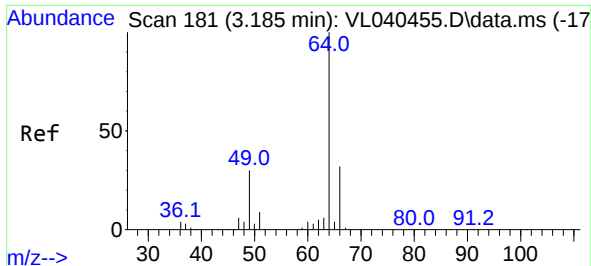
Tgt Ion: 51 Resp: 19050
Ion Ratio Lower Upper
51 100
67 23.1 14.6 21.8#



#6
Bromomethane
Concen: 0.043 ppbv
RT: 3.115 min Scan# 159
Delta R.T. -0.013 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

Tgt Ion: 94 Resp: 1151
Ion Ratio Lower Upper
94 100
96 80.5 75.7 113.5

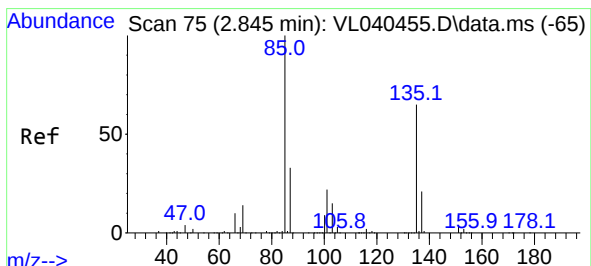
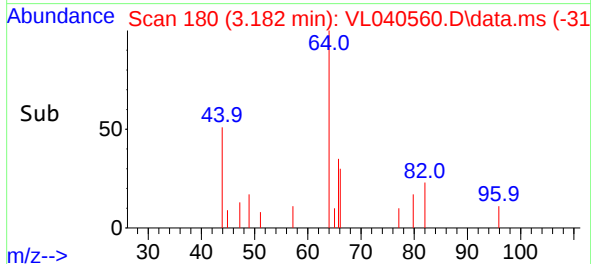
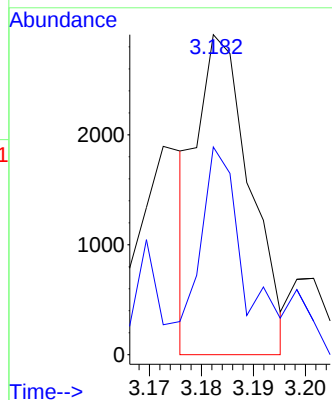
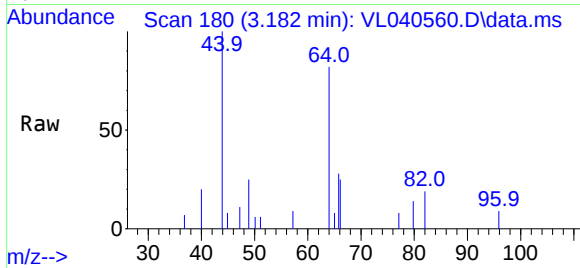




#7
Chloroethane
Concen: 0.093 ppbv
RT: 3.182 min Scan# 11
Delta R.T. -0.023 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

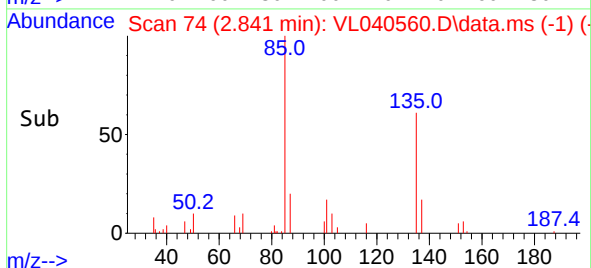
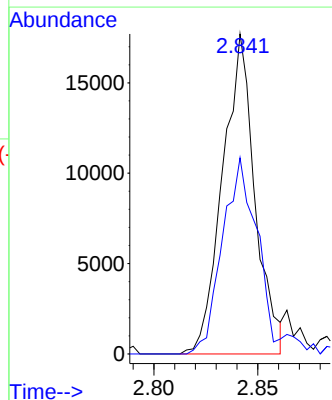
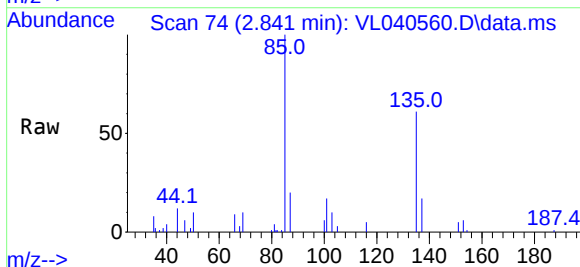
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 2065
Ion Ratio Lower Upper
64 100
66 64.9 24.4 36.6#

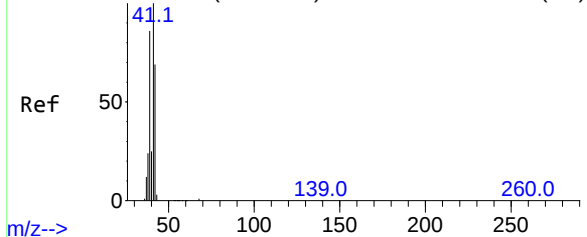


#8
Dichlorotetrafluoroethane
Concen: 0.121 ppbv
RT: 2.841 min Scan# 74
Delta R.T. -0.026 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

Tgt Ion: 85 Resp: 19170
Ion Ratio Lower Upper
85 100
135 70.1 52.4 78.6



Abundance Scan 23 (2.677 min): VL040455.D\data.ms (-15)



#9

Propene

Concen: 0.123 ppbv

RT: 2.687 min Scan# 2

Delta R.T. -0.016 min

Lab File: VL040560.D

Acq: 27 Jul 2023 4:08

Instrument :

MSVOA_L

ClientSampleId :

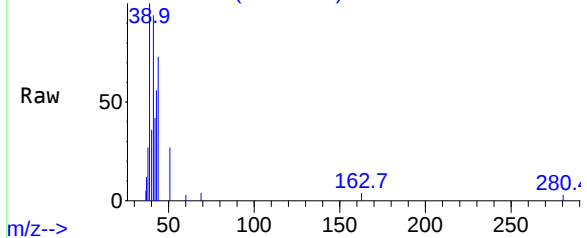
Tgt Ion: 41 Resp: 6437

Ion Ratio Lower Upper

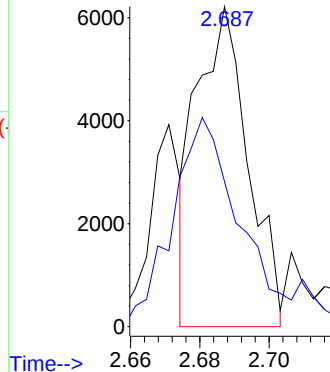
41 100

42 93.9 55.0 82.6#

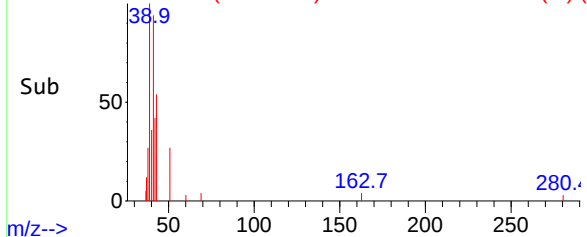
Abundance Scan 26 (2.687 min): VL040560.D\data.ms



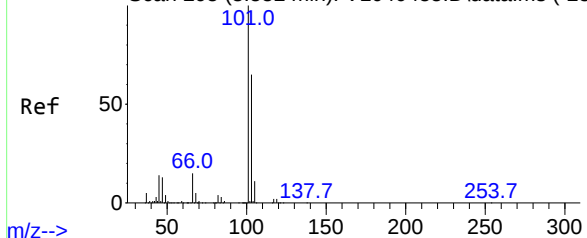
Abundance



Abundance Scan 26 (2.687 min): VL040560.D\data.ms (-1) (-1)



Abundance Scan 295 (3.552 min): VL040455.D\data.ms (-28)



#11

Trichlorofluoromethane

Concen: 0.140 ppbv

RT: 3.549 min Scan# 294

Delta R.T. -0.023 min

Lab File: VL040560.D

Acq: 27 Jul 2023 4:08

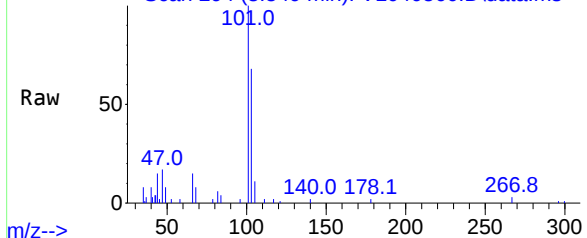
Tgt Ion:101 Resp: 21779

Ion Ratio Lower Upper

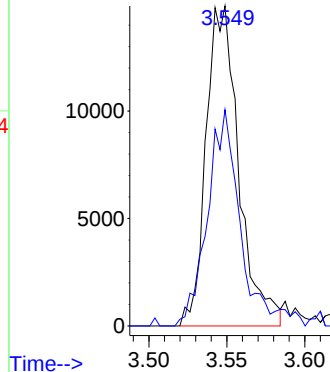
101 100

103 65.5 53.4 80.0

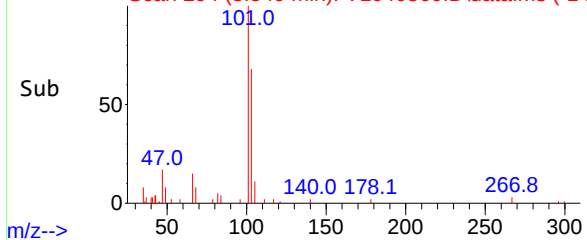
Abundance Scan 294 (3.549 min): VL040560.D\data.ms

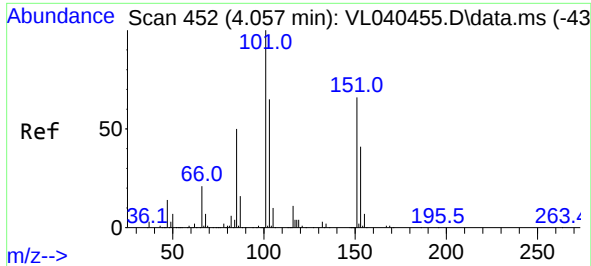


Abundance



Abundance Scan 294 (3.549 min): VL040560.D\data.ms (-14)

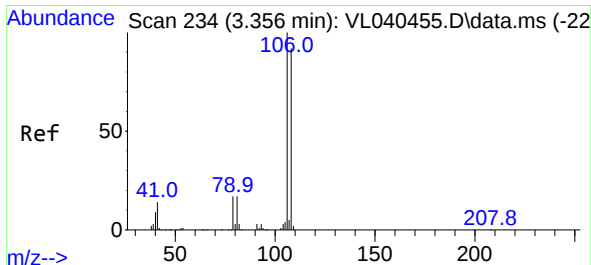
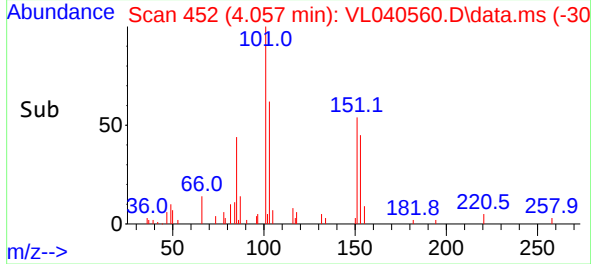
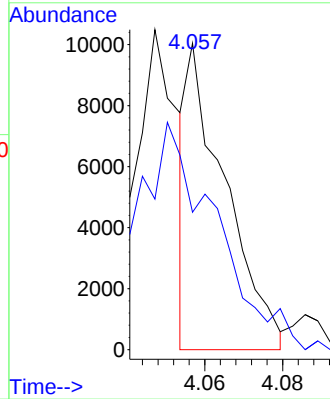
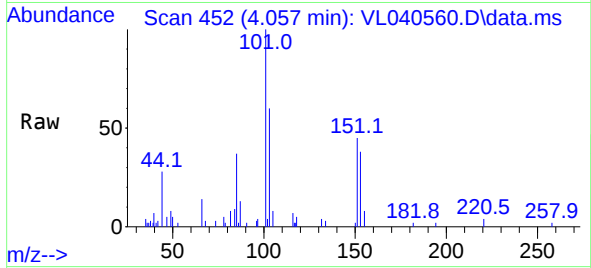




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.063 ppbv
RT: 4.057 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

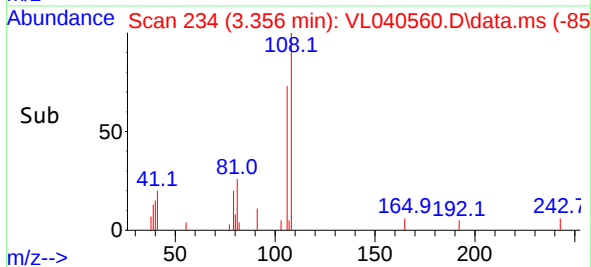
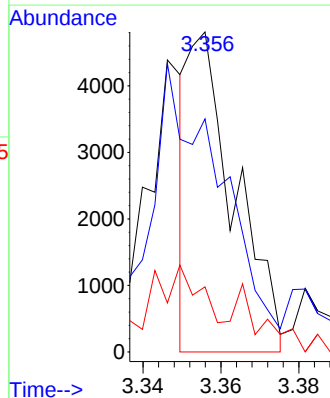
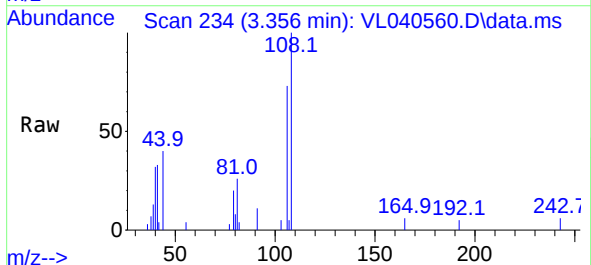
Instrument :
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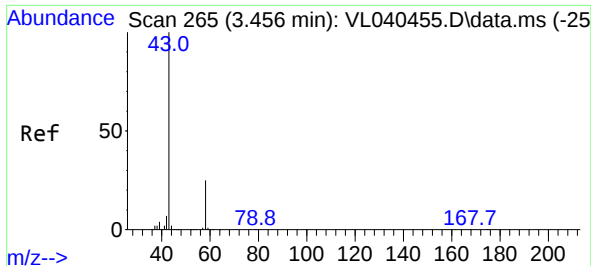
Tgt Ion:101 Resp: 6851
Ion Ratio Lower Upper
101 100
151 0.0 58.2 87.4#



#14
Bromoethene
Concen: 0.084 ppbv
RT: 3.356 min Scan# 234
Delta R.T. -0.019 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

Tgt Ion:108 Resp: 3960
Ion Ratio Lower Upper
108 100
106 0.0 87.2 130.8#
79 0.0 15.3 22.9#

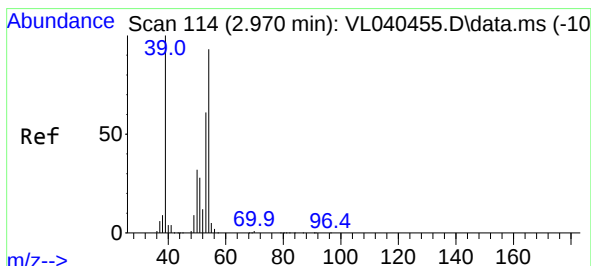
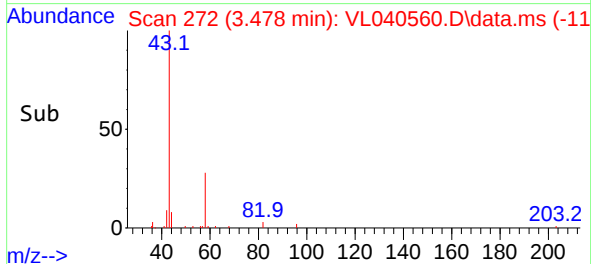
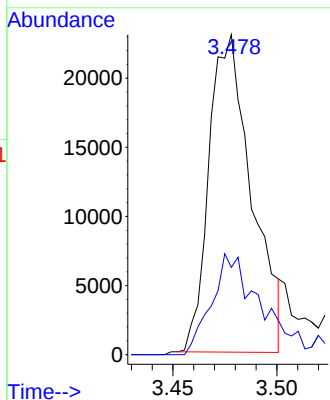
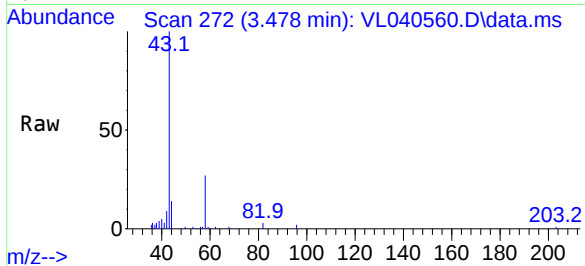




#15
Acetone
Concen: 0.296 ppbv
RT: 3.478 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

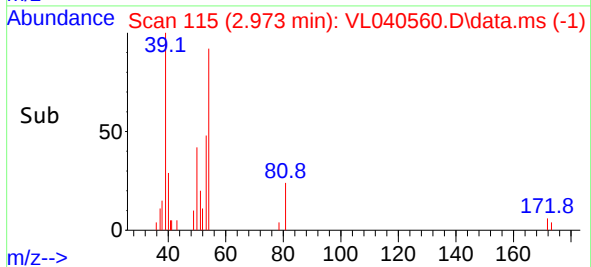
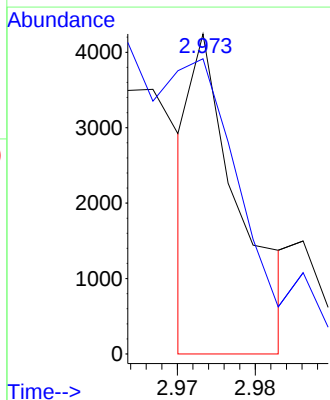
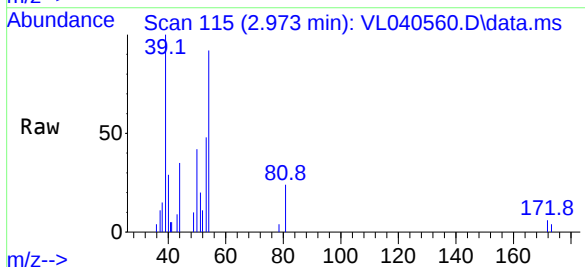
Instrument :
MSVOA_L
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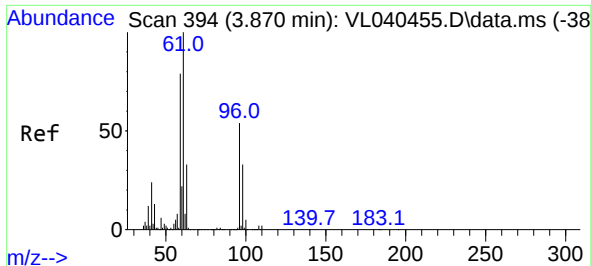
Tgt Ion: 43 Resp: 32723
Ion Ratio Lower Upper
43 100
58 40.1 22.9 34.3#



#16
1,3-Butadiene
Concen: 0.032 ppbv
RT: 2.973 min Scan# 115
Delta R.T. -0.019 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

Tgt Ion: 39 Resp: 1799
Ion Ratio Lower Upper
39 100
54 0.0 66.6 100.0#

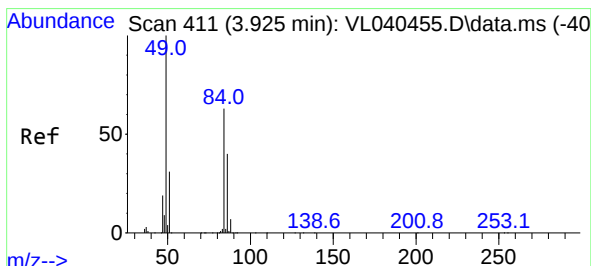
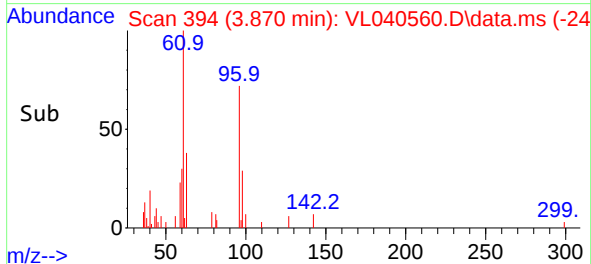
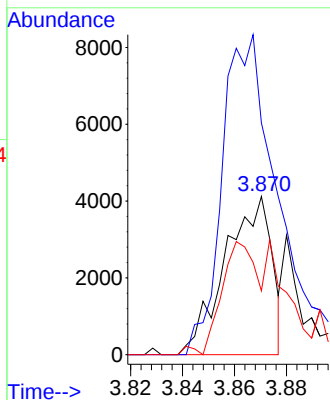
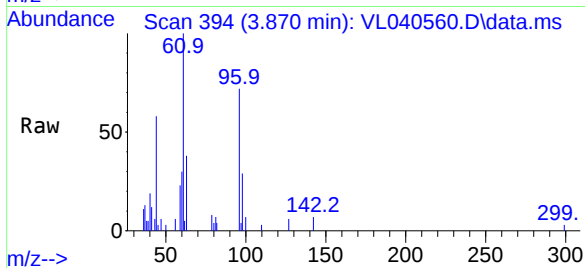




#18
1,1-Dichloroethene
Concen: 0.102 ppbv
RT: 3.870 min Scan# 394
Delta R.T. -0.019 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

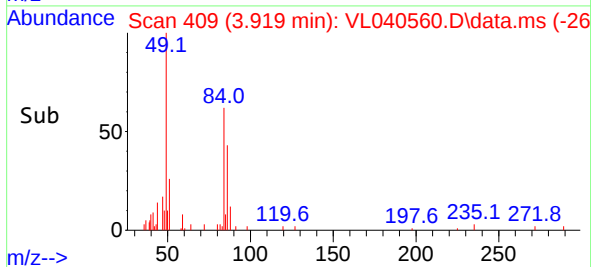
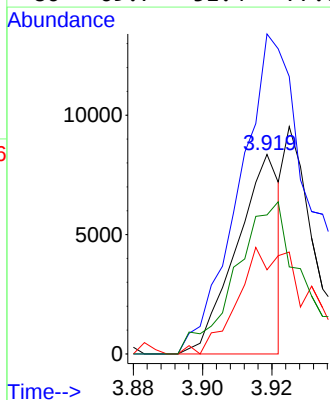
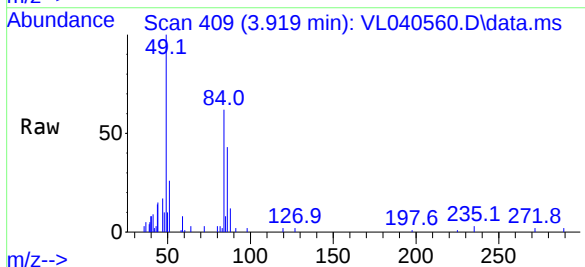
Instrument :
MSVOA_L
ClientSampleId :

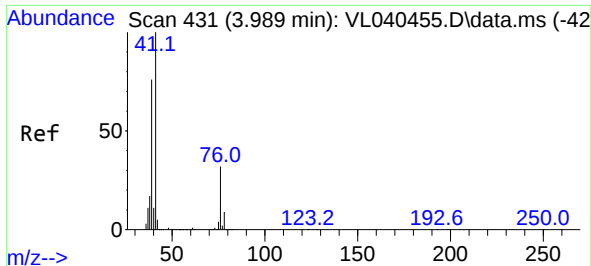
Tgt Ion: 96 Resp: 5131
Ion Ratio Lower Upper
96 100
61 146.5 154.4 231.6#
98 40.3 50.0 75.0#



#20
Methylene Chloride
Concen: 0.154 ppbv
RT: 3.919 min Scan# 409
Delta R.T. -0.023 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

Tgt Ion: 84 Resp: 7245
Ion Ratio Lower Upper
84 100
49 160.4 123.4 185.2
51 42.2 38.3 57.5
86 69.7 51.4 77.0





#21

Allyl Chloride

Concen: 0.043 ppbv

RT: 3.989 min Scan# 41

Delta R.T. -0.016 min

Lab File: VL040560.D

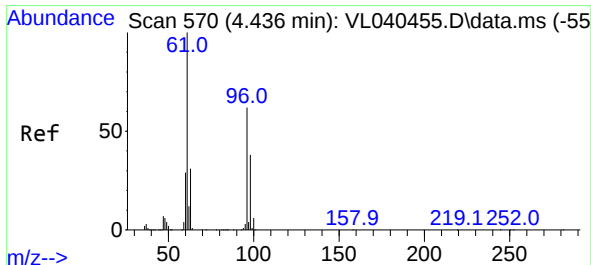
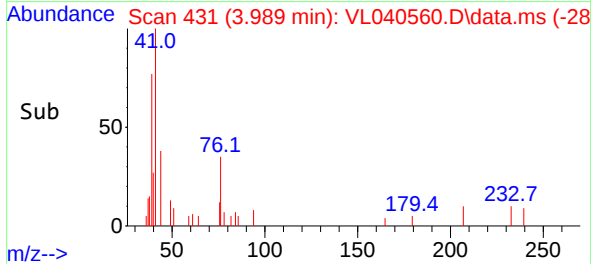
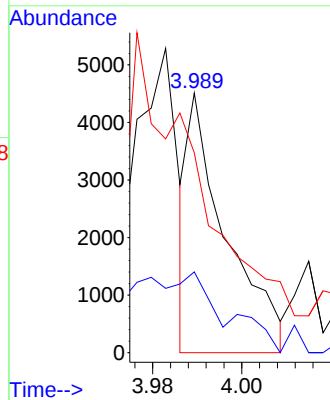
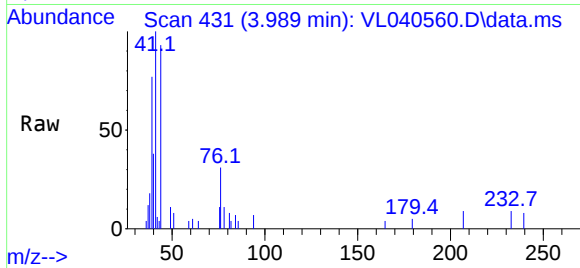
Acq: 27 Jul 2023 4:08

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	41	Resp:	2692
Ion	Ratio	Lower	Upper
41	100		
76	88.9	24.8	37.2#
39	0.0	60.6	91.0#



#22

trans-1,2-Dichloroethene

Concen: 0.121 ppbv

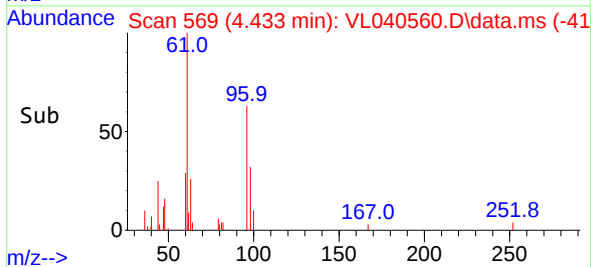
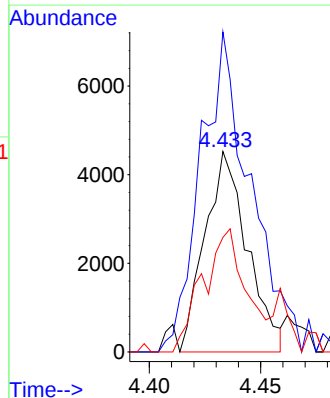
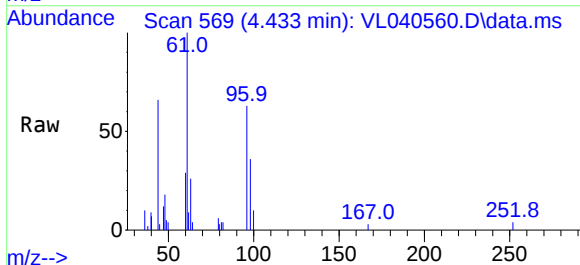
RT: 4.433 min Scan# 569

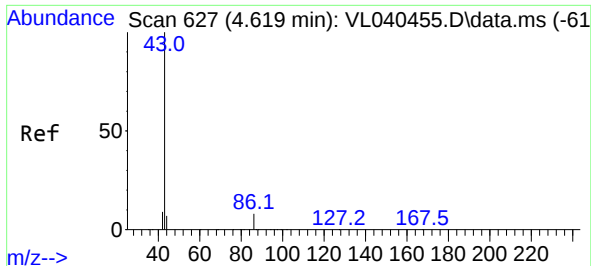
Delta R.T. -0.019 min

Lab File: VL040560.D

Acq: 27 Jul 2023 4:08

Tgt Ion:	96	Resp:	5994
Ion	Ratio	Lower	Upper
96	100		
61	146.2	137.7	206.5
98	49.3	52.9	79.3#

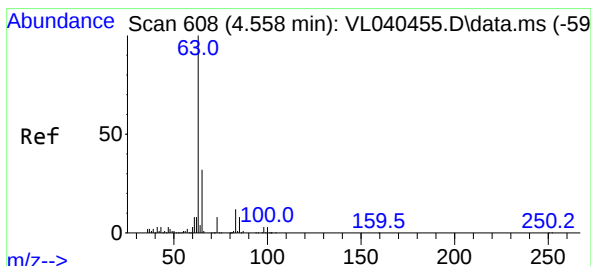
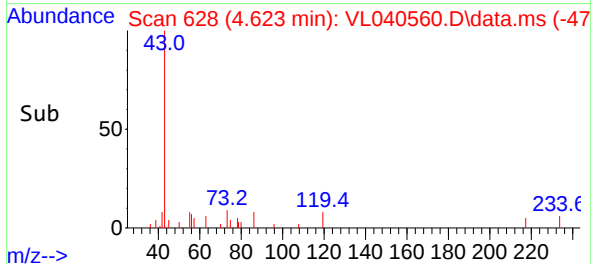
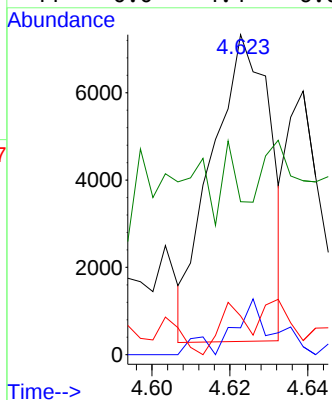
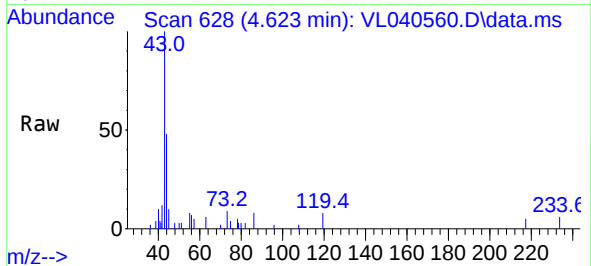




#23
 Vinyl Acetate
 Concen: 0.070 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. -0.013 min
 Lab File: VL040560.D
 Acq: 27 Jul 2023 4:08

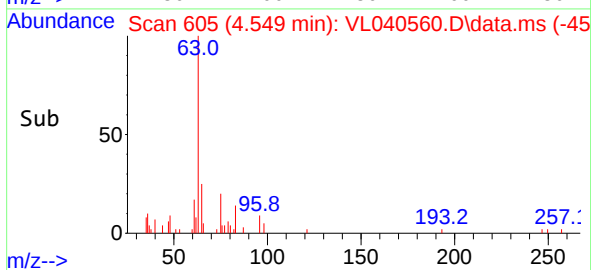
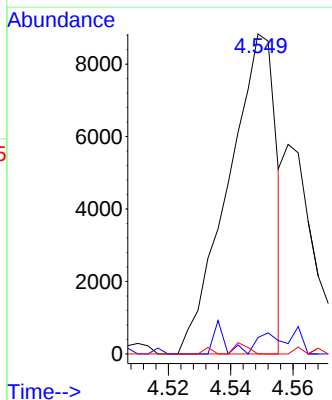
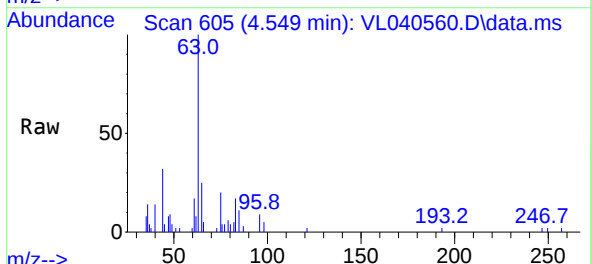
Instrument :
 MSVOA_L
 ClientSampleId :

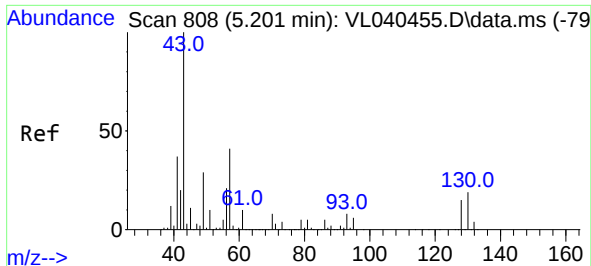
Tgt Ion: 43 Resp: 7381
 Ion Ratio Lower Upper
 43 100
 86 10.7 5.6 8.4#
 42 4.6 7.4 11.2#
 44 0.0 4.4 6.6#



#24
 1,1-Dichloroethane
 Concen: 0.088 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. -0.023 min
 Lab File: VL040560.D
 Acq: 27 Jul 2023 4:08

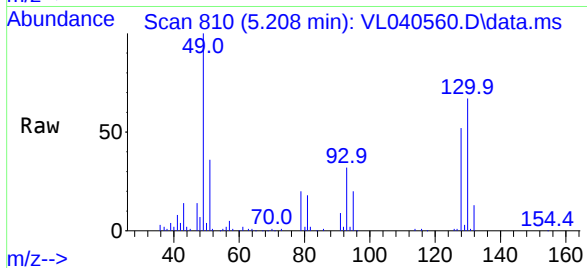
Tgt Ion: 63 Resp: 9396
 Ion Ratio Lower Upper
 63 100
 98 5.2 1.8 5.5
 100 0.0 1.4 4.0#





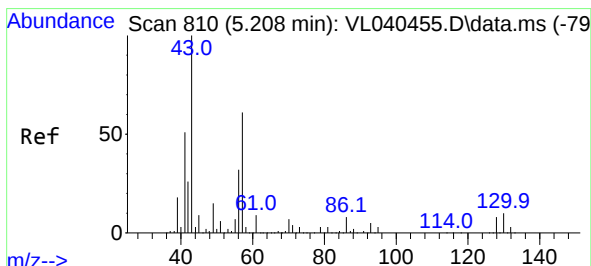
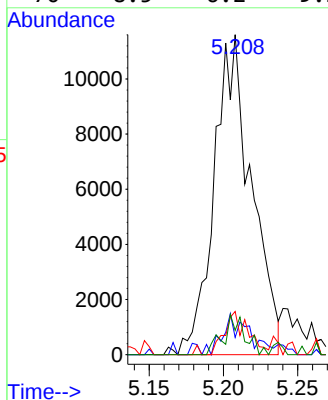
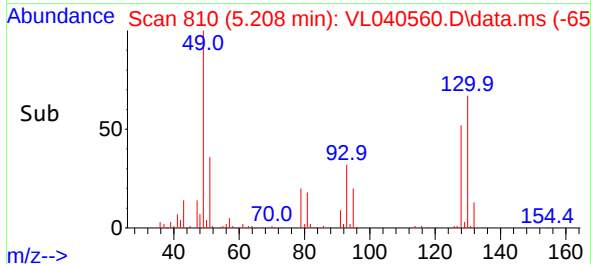
#25
Ethyl Acetate
Concen: 0.096 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.003 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

Instrument :
MSVOA_L
ClientSampleId :

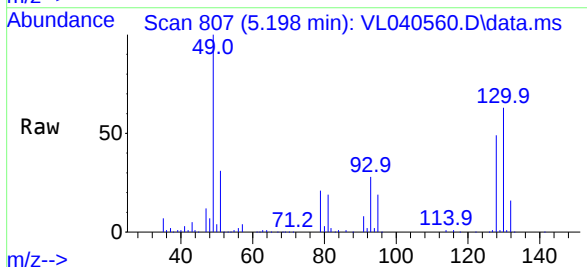


Tgt Ion: 43 Resp: 20244

Ion	Ratio	Lower	Upper
43	100		
45	11.3	8.2	12.4
61	9.8	8.3	12.5
70	8.5	6.2	9.2

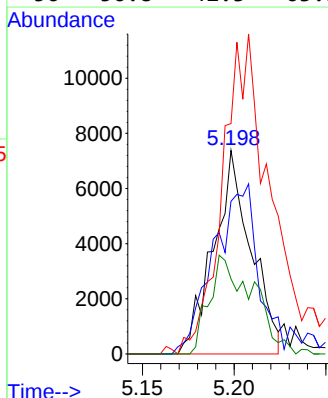
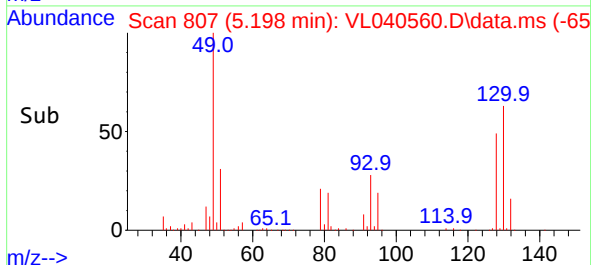


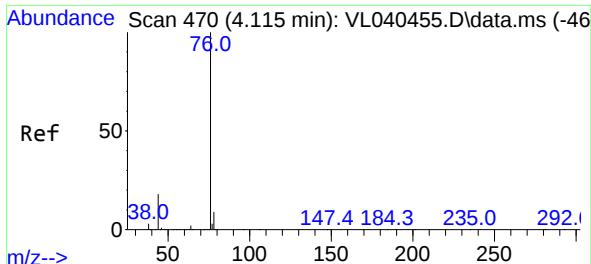
#26
Hexane
Concen: 0.107 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.023 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08



Tgt Ion: 57 Resp: 10497

Ion	Ratio	Lower	Upper
57	100		
41	110.8	69.5	104.3#
43	221.7	177.1	265.7
56	56.8	42.3	63.5

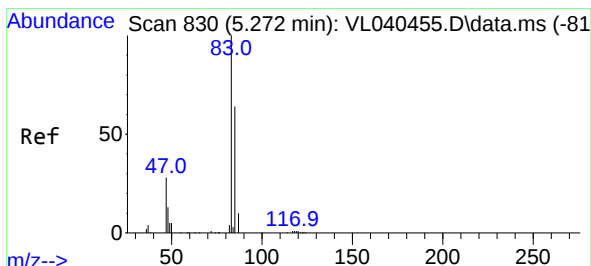
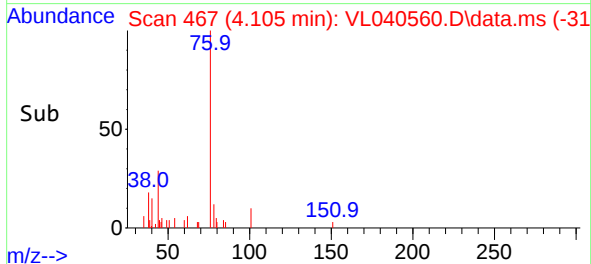
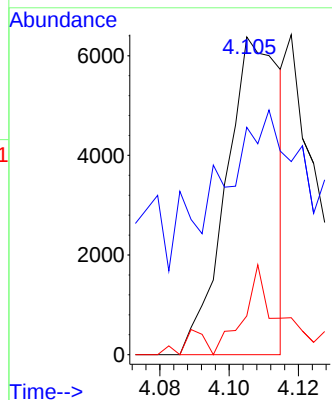
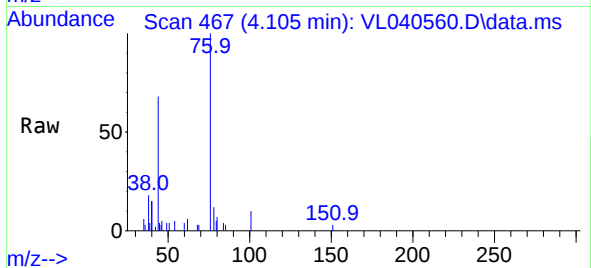




#27
Carbon Disulfide
Concen: 0.059 ppbv
RT: 4.105 min Scan# 41
Delta R.T. -0.026 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

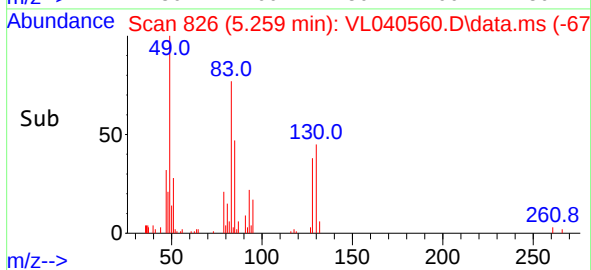
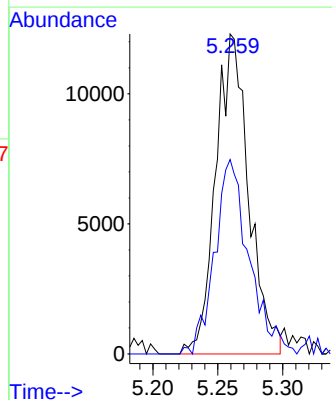
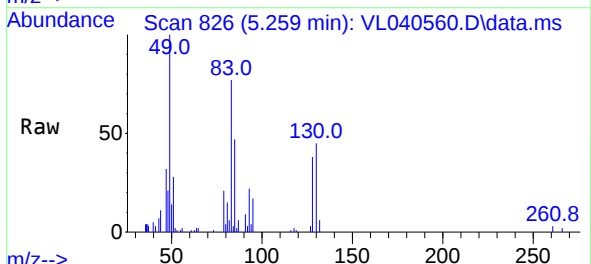
Instrument :
MSVOA_L
ClientSampleId :

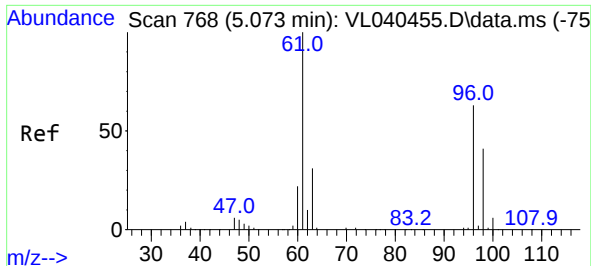
Tgt Ion: 76 Resp: 6795
Ion Ratio Lower Upper
76 100
44 67.3 15.1 22.7#
78 24.0 7.5 11.3#



#29
Chloroform
Concen: 0.134 ppbv
RT: 5.259 min Scan# 826
Delta R.T. -0.026 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

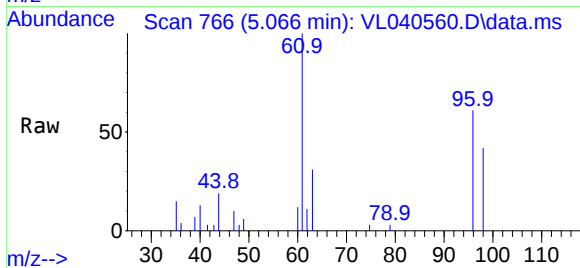
Tgt Ion: 83 Resp: 21728
Ion Ratio Lower Upper
83 100
85 60.8 51.1 76.7



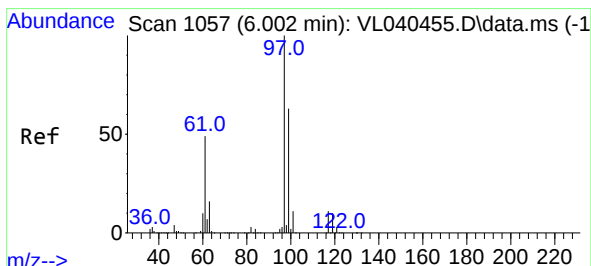
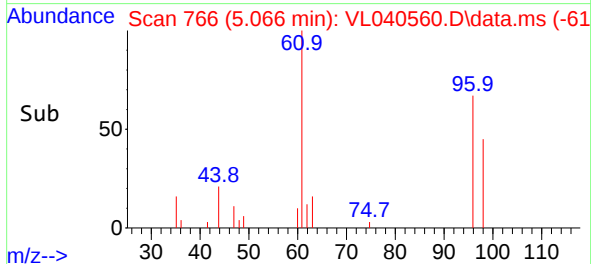
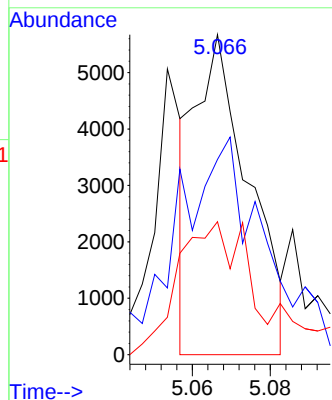


#31
 cis-1,2-Dichloroethene
 Concen: 0.057 ppbv
 RT: 5.066 min Scan# 70
 Delta R.T. -0.019 min
 Lab File: VL040560.D
 Acq: 27 Jul 2023 4:08

Instrument :
 MSVOA_L
 ClientSampleId :

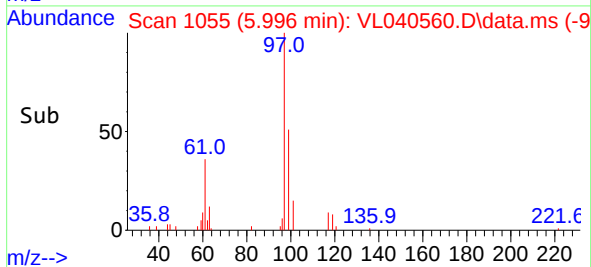
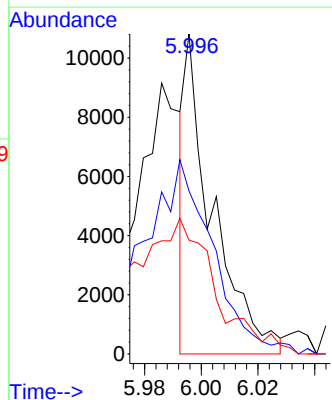
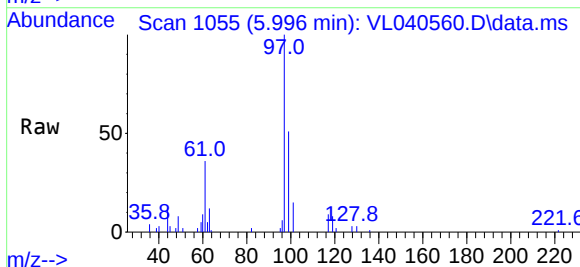


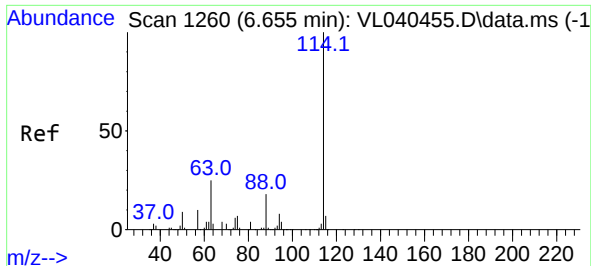
Tgt Ion: 61 Resp: 5498
 Ion Ratio Lower Upper
 61 100
 96 49.2 54.7 82.1#
 98 33.1 34.6 52.0#



#32
 1,1,1-Trichloroethane
 Concen: 0.045 ppbv
 RT: 5.996 min Scan# 1055
 Delta R.T. -0.016 min
 Lab File: VL040560.D
 Acq: 27 Jul 2023 4:08

Tgt Ion: 97 Resp: 7217
 Ion Ratio Lower Upper
 97 100
 99 161.0 52.0 78.0#
 61 128.2 38.9 58.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.023 min

Lab File: VL040560.D

Acq: 27 Jul 2023 4:08

Instrument :

MSVOA_L

ClientSampleId :

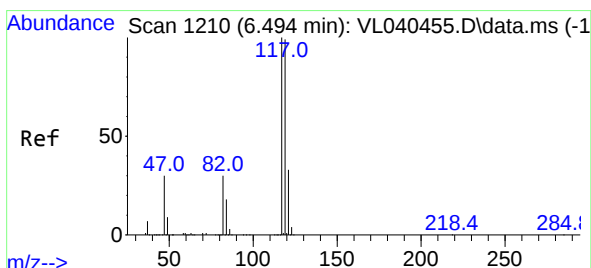
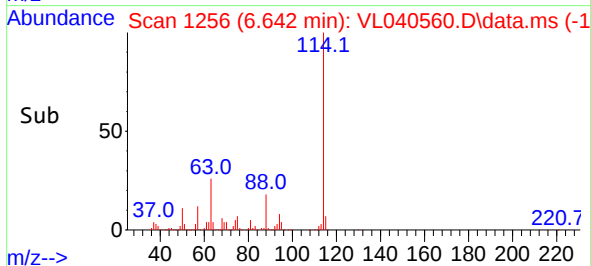
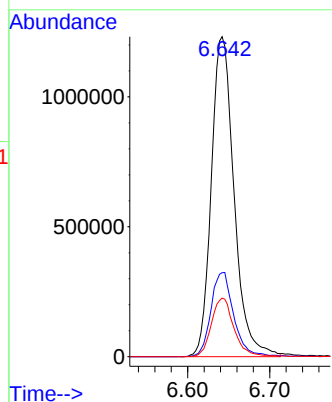
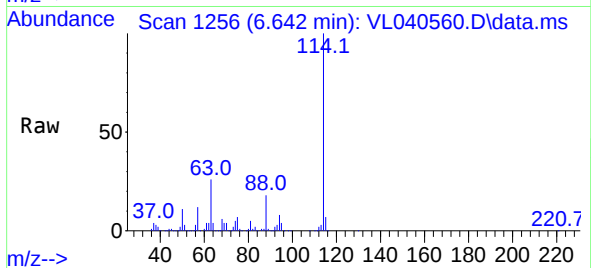
Tgt Ion:114 Resp: 2379571

Ion Ratio Lower Upper

114 100

63 26.7 19.6 29.4

88 18.3 14.2 21.2



#35

Carbon Tetrachloride

Concen: 0.114 ppbv

RT: 6.478 min Scan# 1205

Delta R.T. -0.026 min

Lab File: VL040560.D

Acq: 27 Jul 2023 4:08

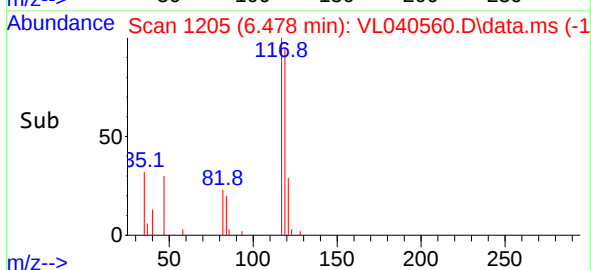
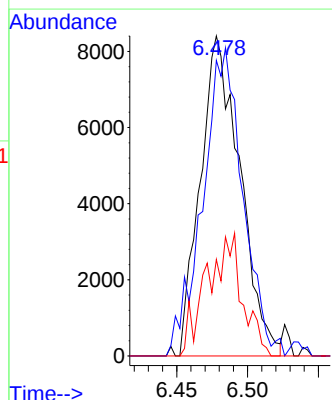
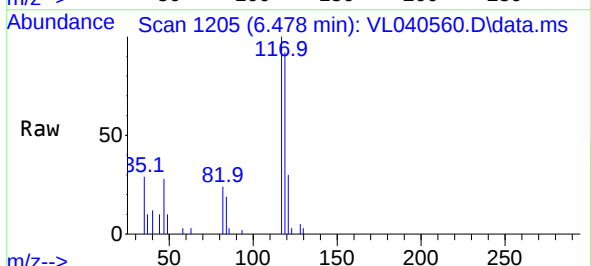
Tgt Ion:117 Resp: 16367

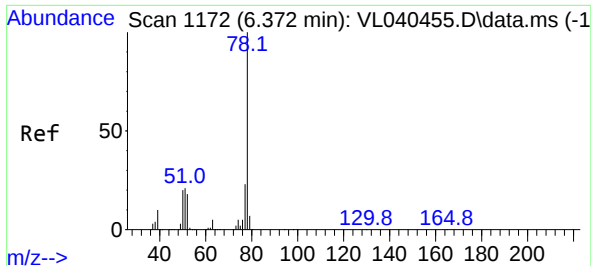
Ion Ratio Lower Upper

117 100

119 86.8 77.8 116.6

121 30.1 24.8 37.2

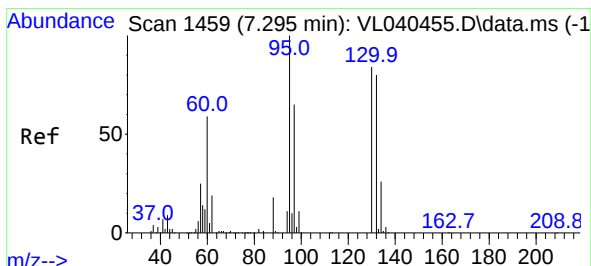
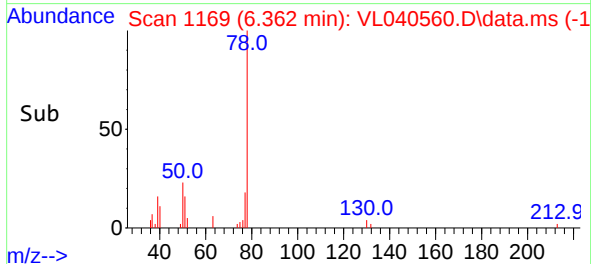
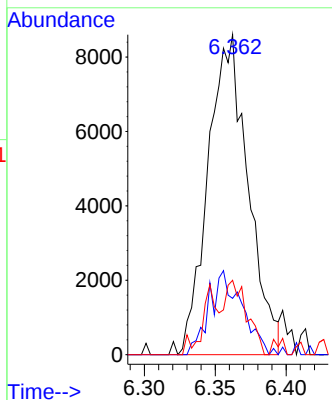
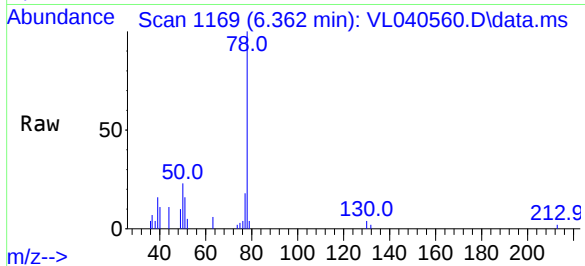




#36
Benzene
Concen: 0.088 ppbv
RT: 6.362 min Scan# 1172
Delta R.T. -0.019 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

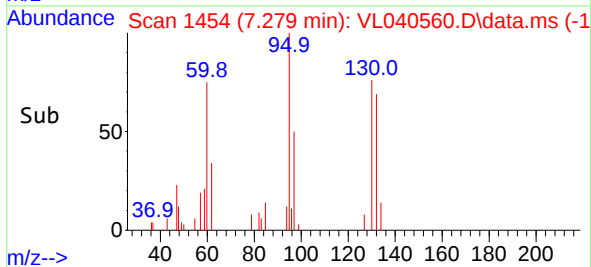
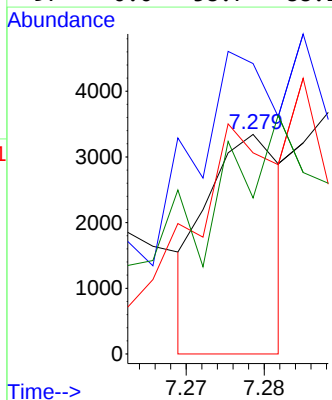
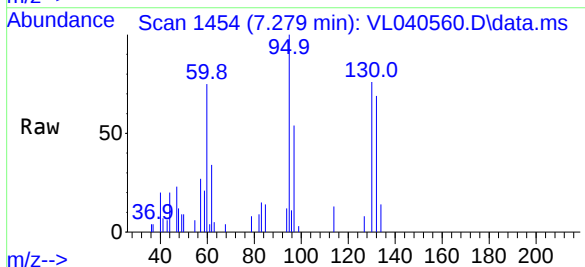
Instrument :
MSVOA_L
ClientSampleId :

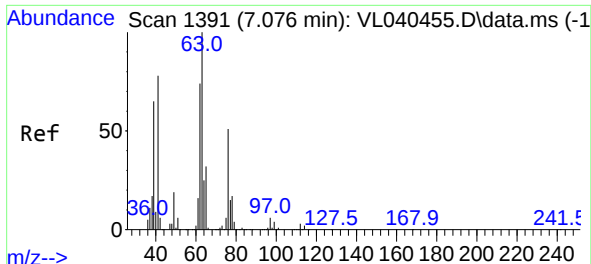
Tgt Ion: 78 Resp: 16880
Ion Ratio Lower Upper
78 100
77 17.6 17.4 26.0
50 23.3 14.4 21.6#



#38
Trichloroethene
Concen: 0.031 ppbv
RT: 7.279 min Scan# 1454
Delta R.T. -0.026 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

Tgt Ion: 130 Resp: 2216
Ion Ratio Lower Upper
130 100
95 63.2 90.2 135.2#
132 60.2 76.3 114.5#
97 0.0 58.7 88.1#





#39

1,2-Dichloropropane

Concen: 8.460 ppbv

RT: 6.645 min Scan# 1

Delta R.T. -0.437 min

Lab File: VL040560.D

Acq: 27 Jul 2023 4:08

Instrument :

MSVOA_L

ClientSampleId :

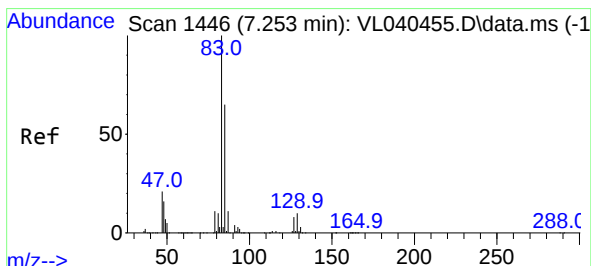
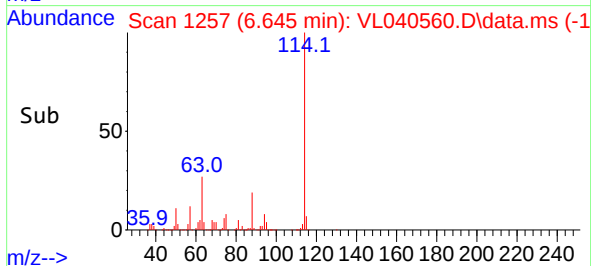
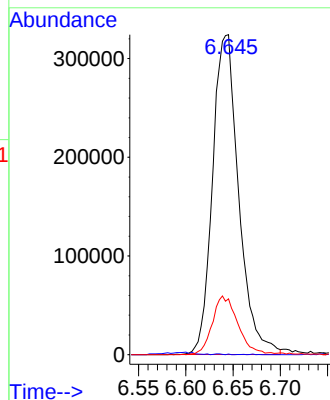
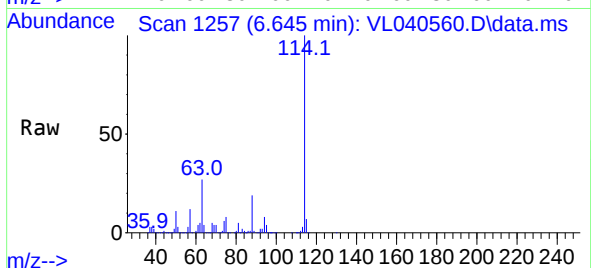
Tgt Ion: 63 Resp: 623547

Ion Ratio Lower Upper

63 100

41 0.2 54.3 81.5#

62 17.4 55.6 83.4#



#42

Bromodichloromethane

Concen: 0.066 ppbv

RT: 7.240 min Scan# 1442

Delta R.T. -0.019 min

Lab File: VL040560.D

Acq: 27 Jul 2023 4:08

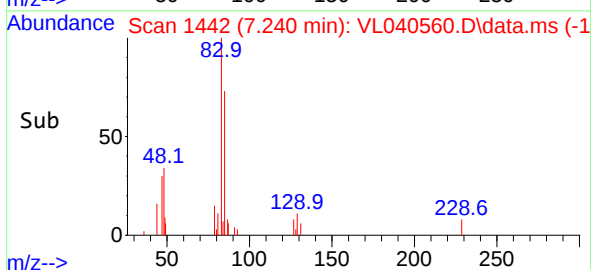
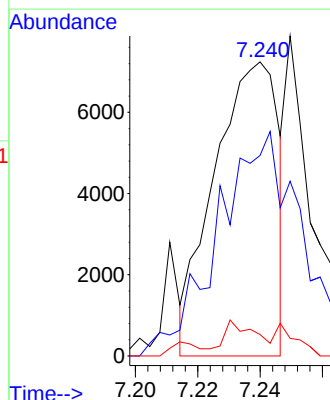
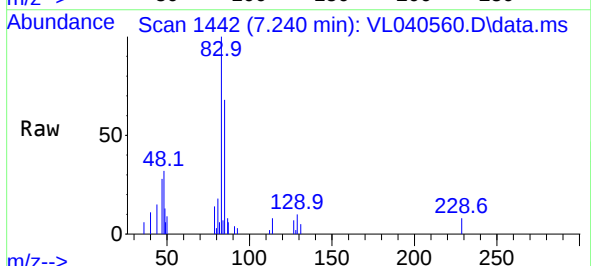
Tgt Ion: 83 Resp: 10309

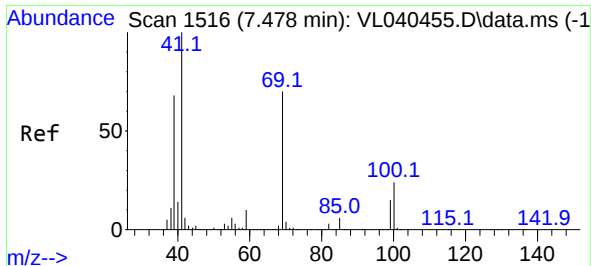
Ion Ratio Lower Upper

83 100

85 71.9 51.1 76.7

127 3.0 6.5 9.7#

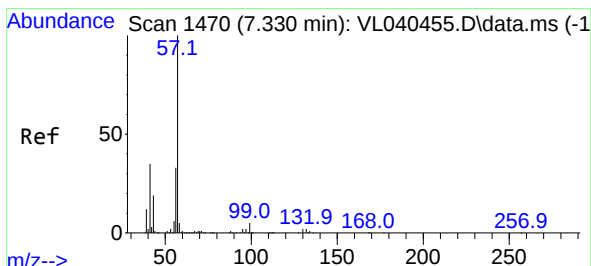
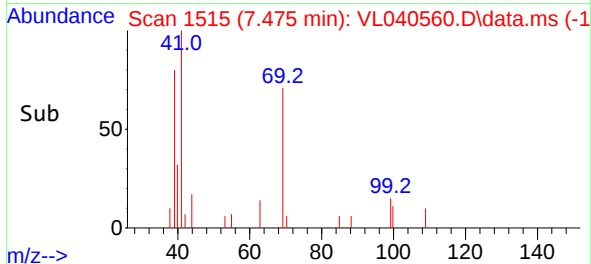
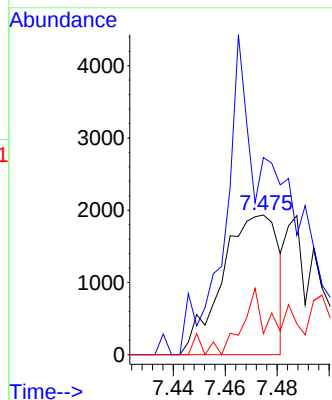
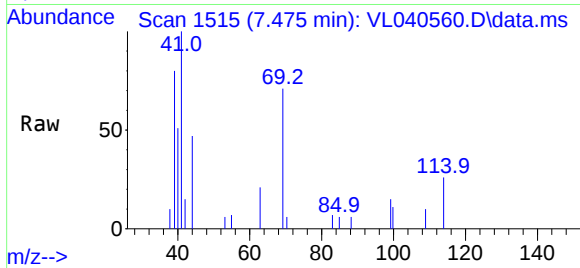




#43
Methyl Methacrylate
Concen: 0.040 ppbv
RT: 7.475 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

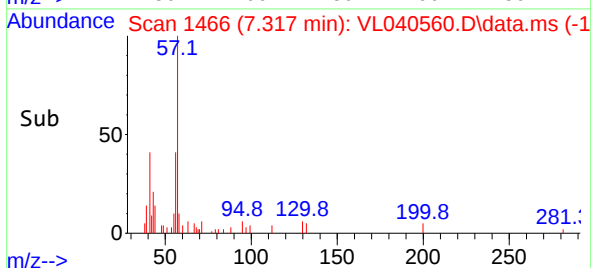
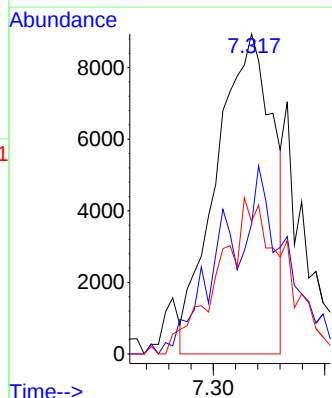
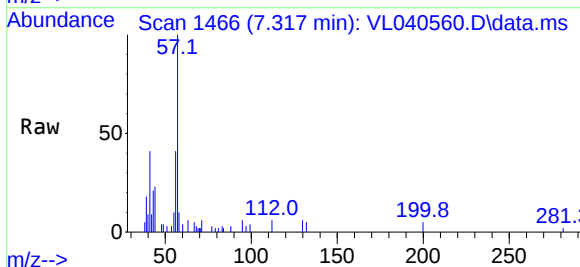
Instrument :
MSVOA_L
ClientSampleId :

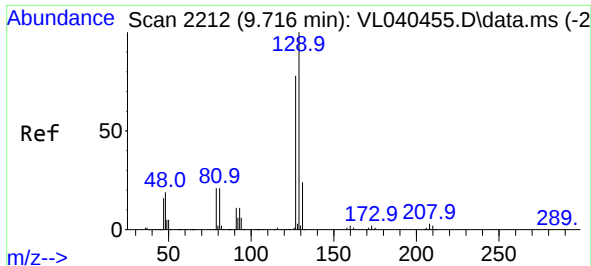
Tgt Ion: 69 Resp: 2900
Ion Ratio Lower Upper
69 100
41 238.9 111.7 167.5#
100 50.7 26.9 40.3#



#44
2,2,4-Trimethylpentane
Concen: 0.051 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. -0.019 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

Tgt Ion: 57 Resp: 15747
Ion Ratio Lower Upper
57 100
41 67.3 25.5 38.3#
56 57.3 25.1 37.7#

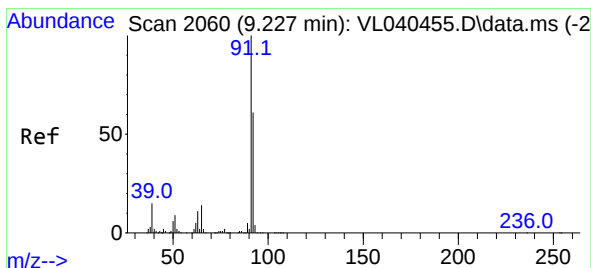
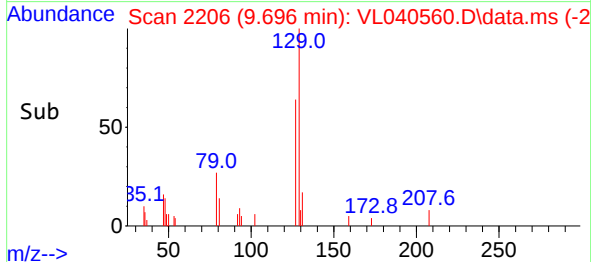
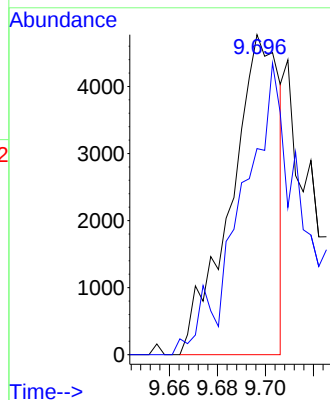
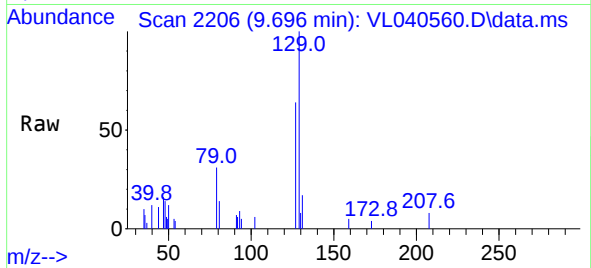




#48
 Dibromochloromethane
 Concen: 0.053 ppbv
 RT: 9.696 min Scan# 21
 Delta R.T. -0.026 min
 Lab File: VL040560.D
 Acq: 27 Jul 2023 4:08

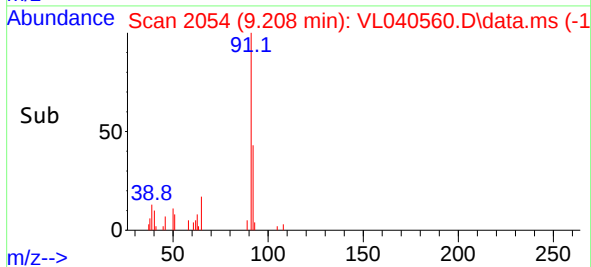
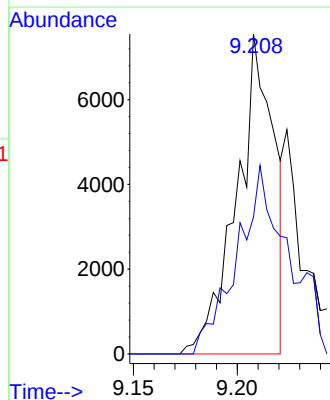
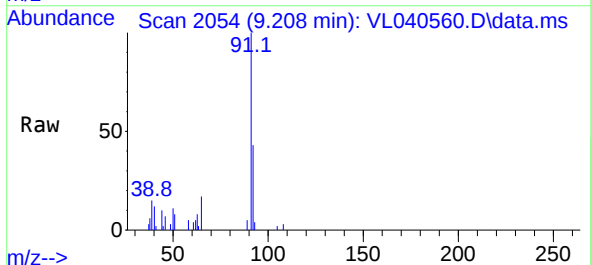
Instrument :
 MSVOA_L
 ClientSampleId :

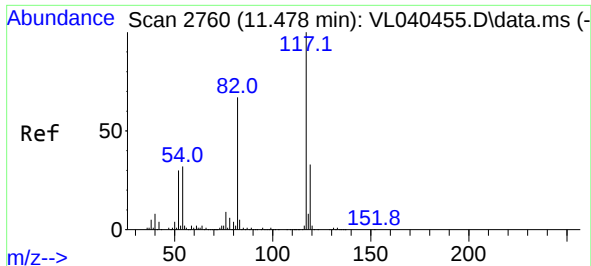
Tgt Ion:129 Resp: 6654
 Ion Ratio Lower Upper
 129 100
 127 0.0 39.1 117.3#



#53
 Toluene
 Concen: 0.045 ppbv
 RT: 9.208 min Scan# 2054
 Delta R.T. -0.023 min
 Lab File: VL040560.D
 Acq: 27 Jul 2023 4:08

Tgt Ion: 91 Resp: 9370
 Ion Ratio Lower Upper
 91 100
 92 85.3 49.1 73.7#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.458 min Scan# 21

Delta R.T. -0.019 min

Lab File: VL040560.D

Acq: 27 Jul 2023 4:08

Instrument :

MSVOA_L

ClientSampleId :

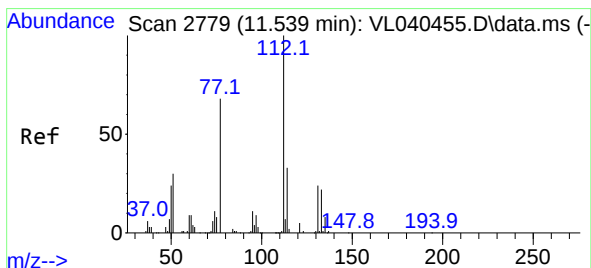
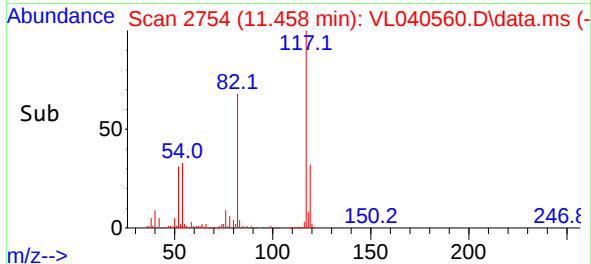
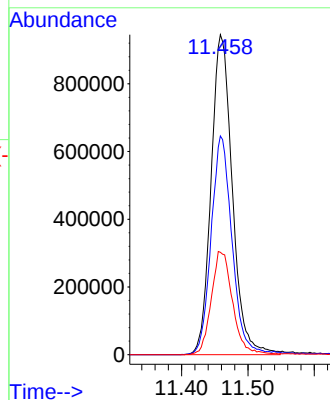
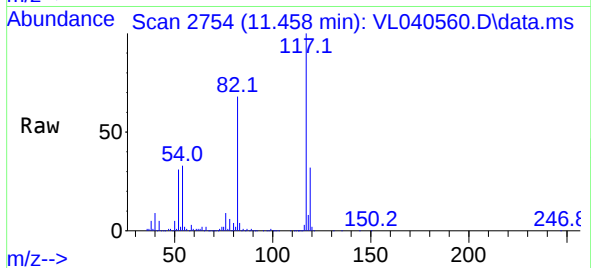
Tgt Ion:117 Resp: 2103637

Ion Ratio Lower Upper

117 100

82 68.0 50.2 75.4

119 32.6 26.9 40.3



#57

Chlorobenzene

Concen: 0.047 ppbv

RT: 11.523 min Scan# 2774

Delta R.T. -0.013 min

Lab File: VL040560.D

Acq: 27 Jul 2023 4:08

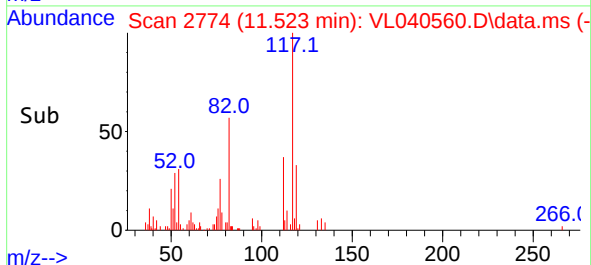
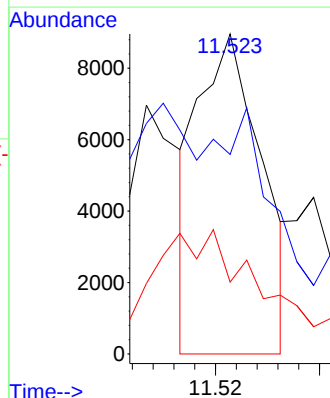
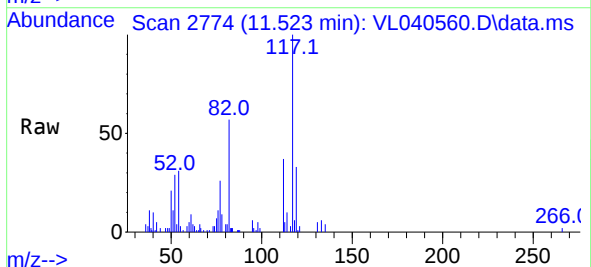
Tgt Ion:112 Resp: 7632

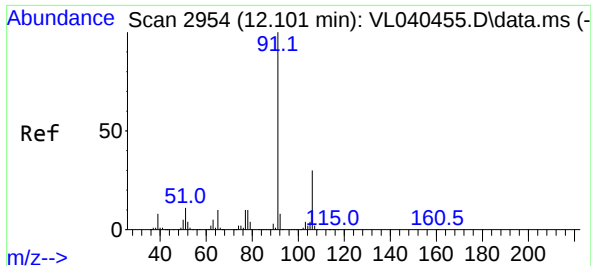
Ion Ratio Lower Upper

112 100

77 31.5 51.0 76.6#

114 7.1 28.3 34.5#





#58

Ethyl Benzene

Concen: 0.034 ppbv

RT: 12.372 min Scan# 3038

Delta R.T. 0.270 min

Lab File: VL040560.D

Acq: 27 Jul 2023 4:08

Instrument :

MSVOA_L

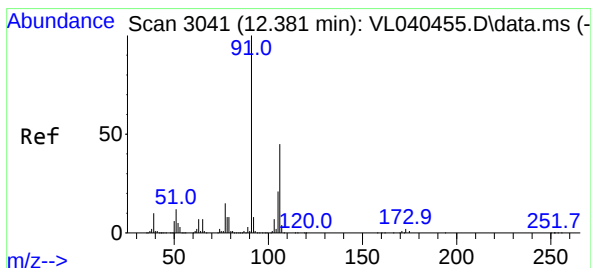
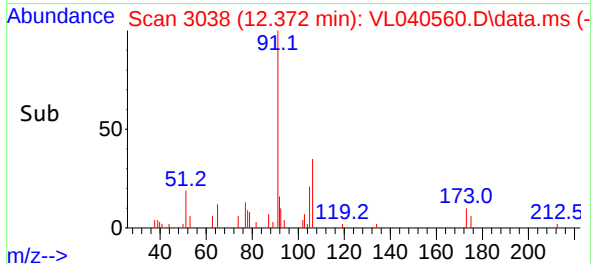
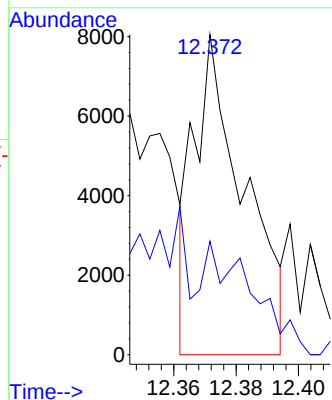
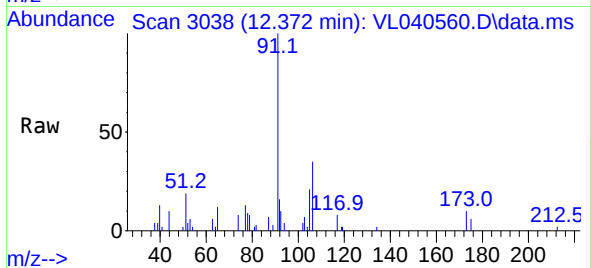
ClientSampleId :

Tgt Ion: 91 Resp: 8978

Ion Ratio Lower Upper

91 100

106 32.5 25.4 38.0



#59

m/p-Xylene

Concen: 0.038 ppbv

RT: 12.372 min Scan# 3038

Delta R.T. -0.013 min

Lab File: VL040560.D

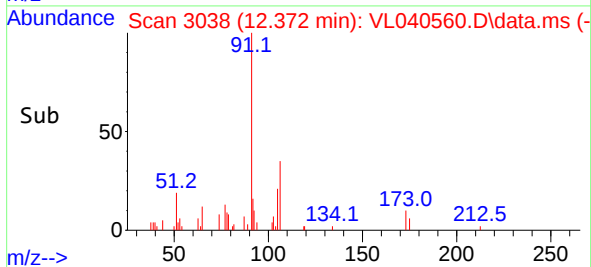
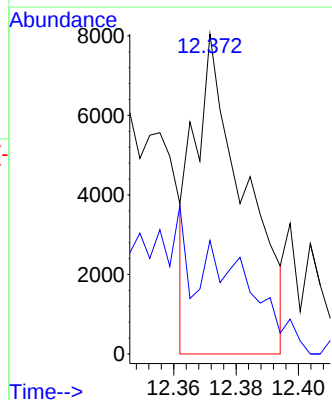
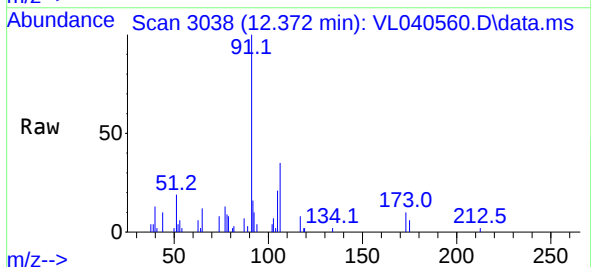
Acq: 27 Jul 2023 4:08

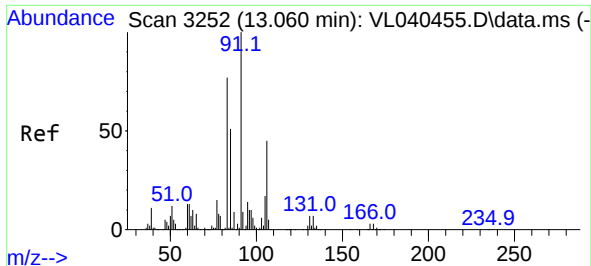
Tgt Ion: 91 Resp: 8978

Ion Ratio Lower Upper

91 100

106 0.0 35.9 53.9#

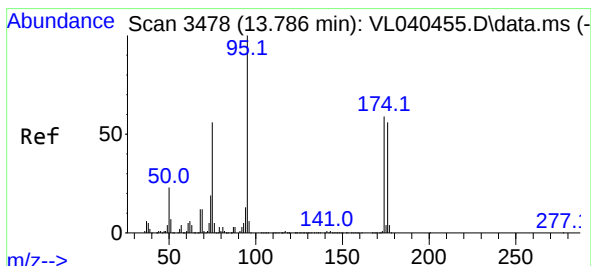
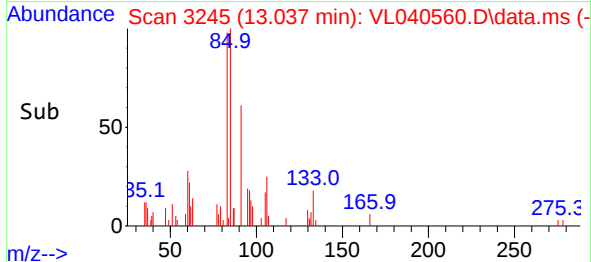
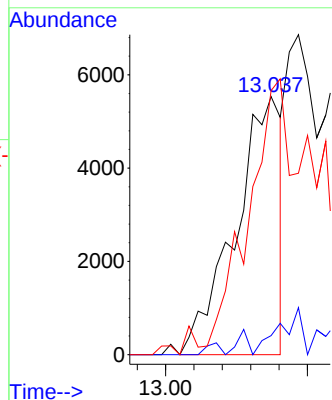
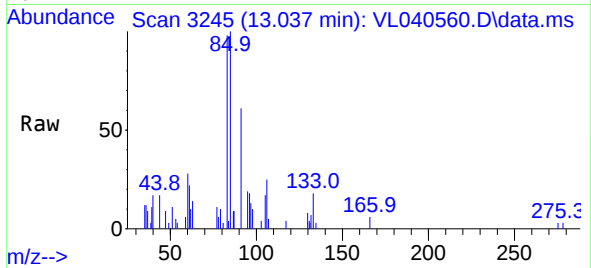




#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.040 ppbv
 RT: 13.037 min Scan# 31
 Delta R.T. -0.023 min
 Lab File: VL040560.D
 Acq: 27 Jul 2023 4:08

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 83 Resp: 6270
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.6 13.8#
 85 210.7 32.8 98.3#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.121 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. -0.013 min
 Lab File: VL040560.D
 Acq: 27 Jul 2023 4:08

Tgt Ion: 95 Resp: 1684993
 Ion Ratio Lower Upper
 95 100
 174 61.6 50.6 75.8
 175 4.5 3.7 5.5

