

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071423\
 Data File : VL040536.D
 Acq On : 14 Jul 2023 21:12
 Operator : SY/MD
 Sample : 03636-01DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2

Quant Time: Jul 16 23:33:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

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

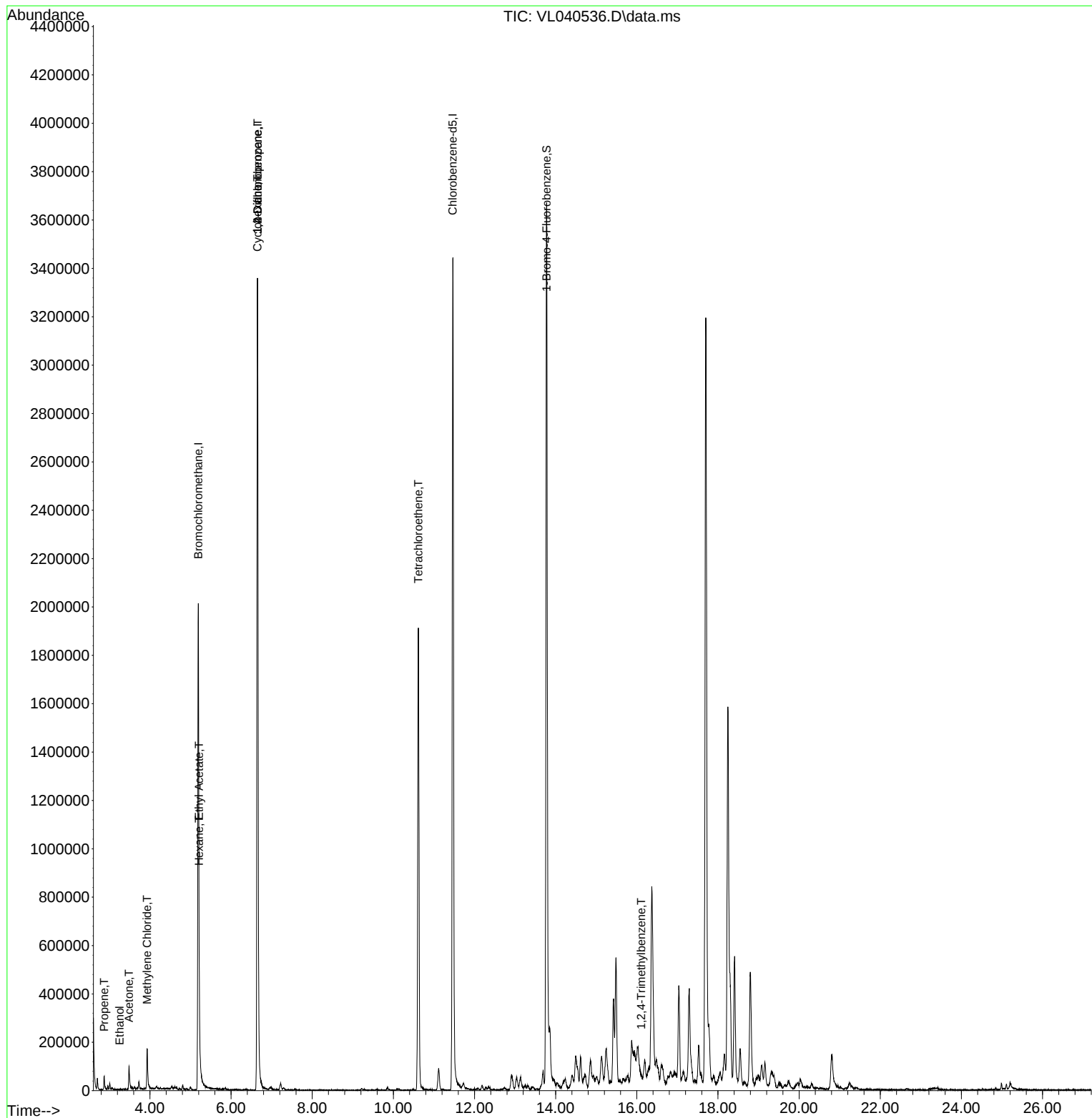
Internal Standards						
1) Bromochloromethane	5.192	49	992786	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.651	114	2677007	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.465	117	2352308	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1859992	9.991	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.900%
Target Compounds						
					Qvalue	
9) Propene	2.873	41	14703	0.273	ppbv	93
13) Ethanol	3.253	45	607	0.052	ppbv	80
15) Acetone	3.484	43	89340	0.782	ppbv	97
20) Methylene Chloride	3.931	84	58404	1.201	ppbv	93
25) Ethyl Acetate	5.208	43	30645	0.141	ppbv #	76
26) Hexane	5.211	57	42691	0.422	ppbv #	41
30) Cyclohexane	6.648	84	5837	0.069	ppbv #	1
39) 1,2-Dichloropropane	6.651	63	644549	7.773	ppbv #	26
52) Tetrachloroethene	10.616	164	477500	6.845	ppbv	96
74) 1,2,4-Trimethylbenzene	16.104	105	12287	0.041	ppbv #	68

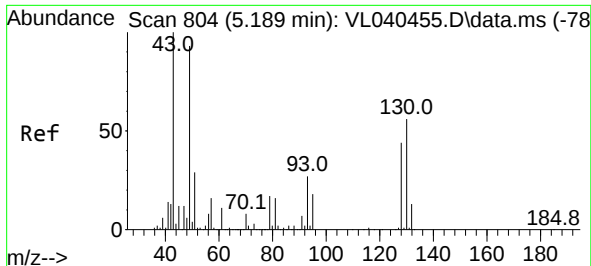
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071423\
Data File : VL040536.D
Acq On : 14 Jul 2023 21:12
Operator : SY/MD
Sample : 03636-01DL 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

Quant Time: Jul 16 23:33:59 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 : Mon Jul 10 16:32:00 2023
Response via : Initial Calibration

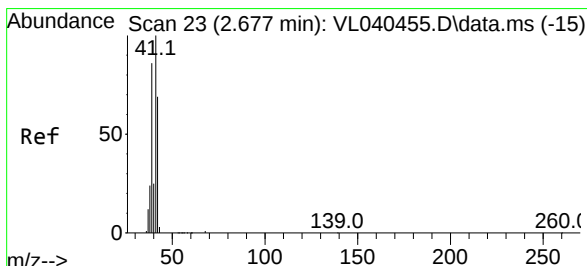
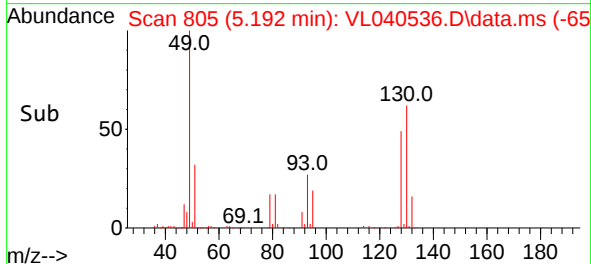
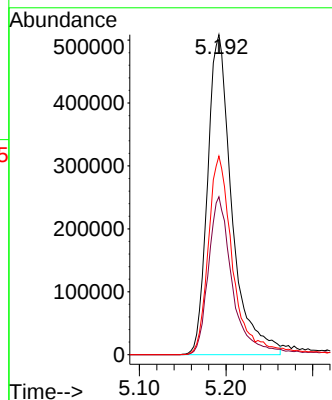
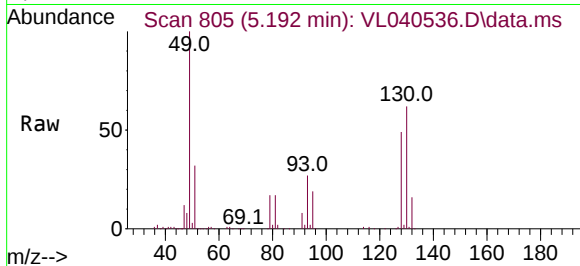




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.010 min
Lab File: VL040536.D
Acq: 14 Jul 2023 21:12

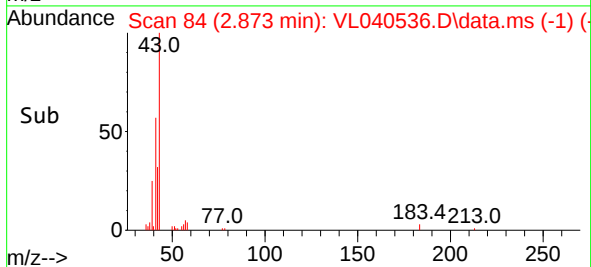
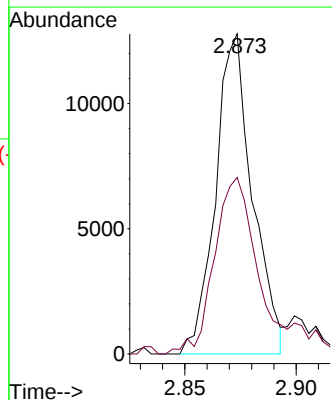
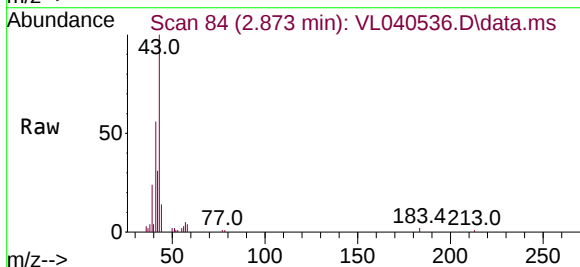
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

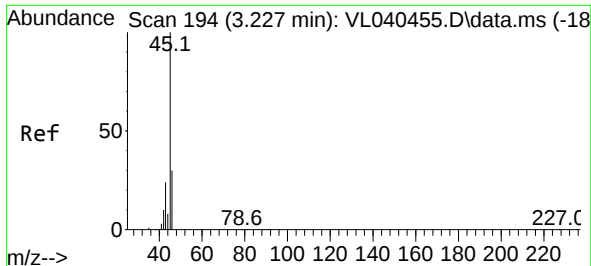
Tgt Ion: 49 Resp: 992786
Ion Ratio Lower Upper
49 100
128 50.7 25.1 75.4
130 64.9 31.6 94.7



#9
Propene
Concen: 0.273 ppbv
RT: 2.873 min Scan# 84
Delta R.T. 0.170 min
Lab File: VL040536.D
Acq: 14 Jul 2023 21:12

Tgt Ion: 41 Resp: 14703
Ion Ratio Lower Upper
41 100
42 74.2 55.0 82.6

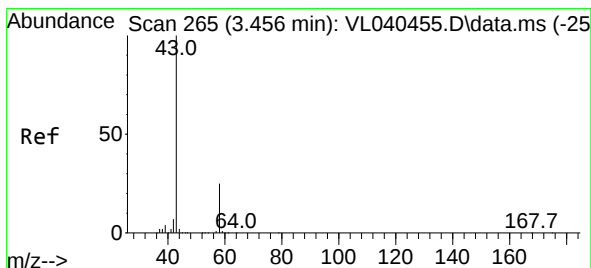
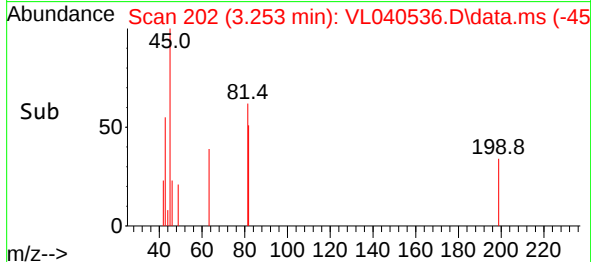
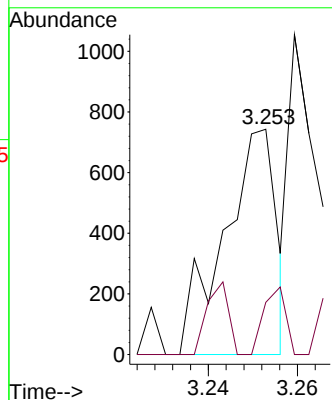
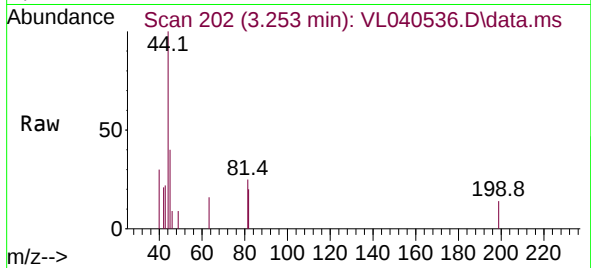




#13
Ethanol
Concen: 0.052 ppbv
RT: 3.253 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL040536.D
Acq: 14 Jul 2023 21:12

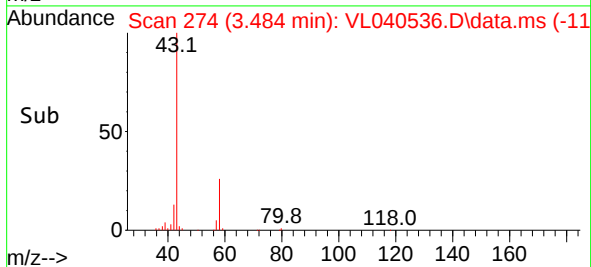
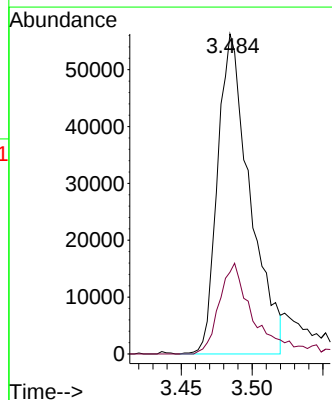
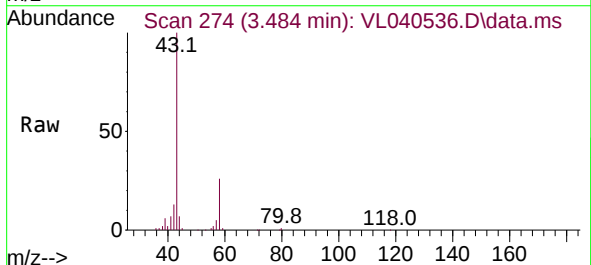
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

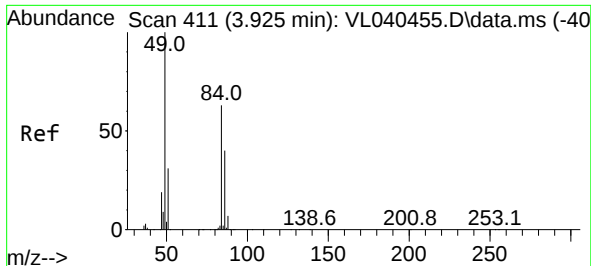
Tgt Ion: 45 Resp: 607
Ion Ratio Lower Upper
45 100
46 25.9 15.3 61.1



#15
Acetone
Concen: 0.782 ppbv
RT: 3.484 min Scan# 274
Delta R.T. 0.010 min
Lab File: VL040536.D
Acq: 14 Jul 2023 21:12

Tgt Ion: 43 Resp: 89340
Ion Ratio Lower Upper
43 100
58 30.3 22.9 34.3

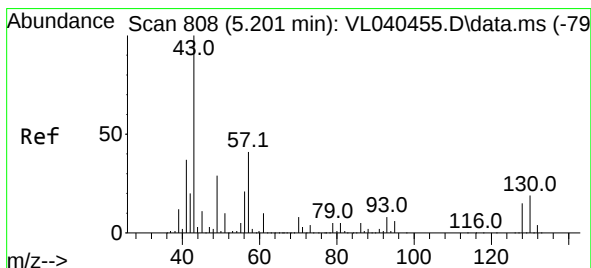
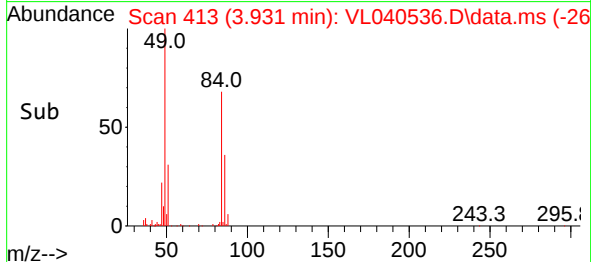
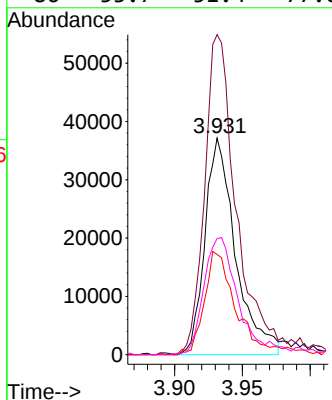
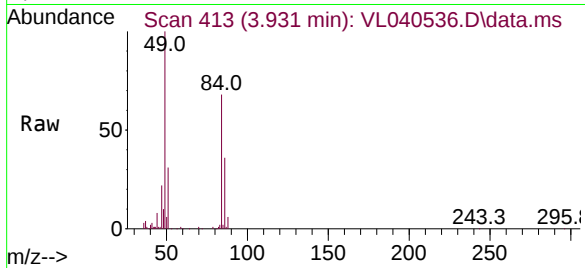




#20
Methylene Chloride
Concen: 1.201 ppbv
RT: 3.931 min Scan# 411
Delta R.T. -0.010 min
Lab File: VL040536.D
Acq: 14 Jul 2023 21:12

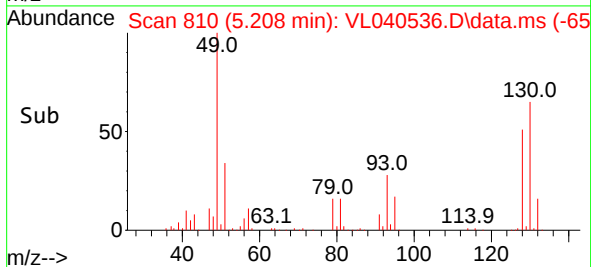
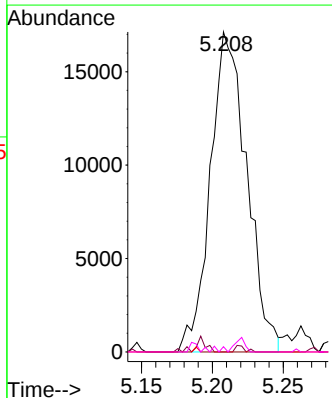
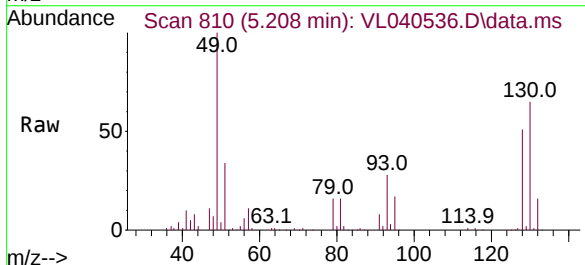
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

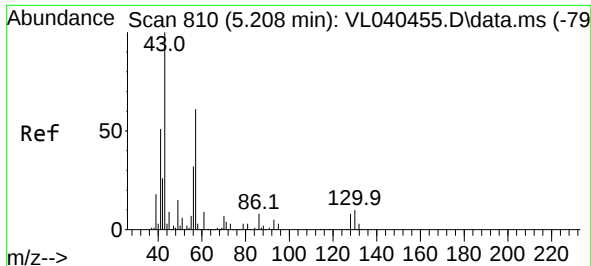
Tgt Ion:	84	Resp:	58404
Ion	Ratio	Lower	Upper
84	100		
49	147.9	123.4	185.2
51	45.6	38.3	57.5
86	53.7	51.4	77.0



#25
Ethyl Acetate
Concen: 0.141 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.003 min
Lab File: VL040536.D
Acq: 14 Jul 2023 21:12

Tgt Ion:	43	Resp:	30645
Ion	Ratio	Lower	Upper
43	100		
45	1.0	8.2	12.4#
61	0.0	8.3	12.5#
70	1.4	6.2	9.2#

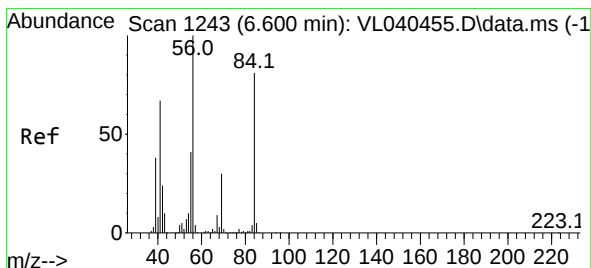
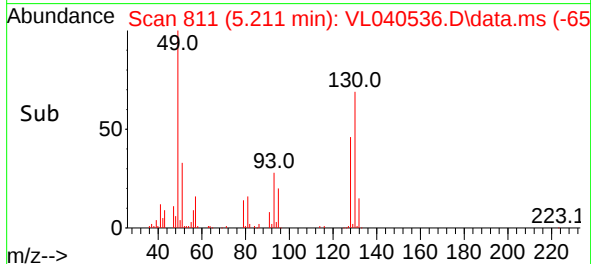
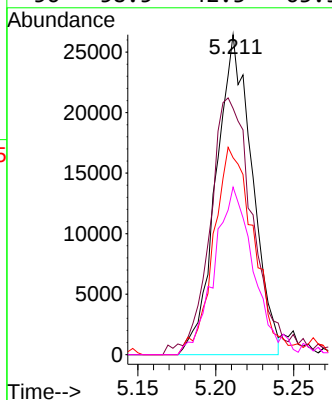
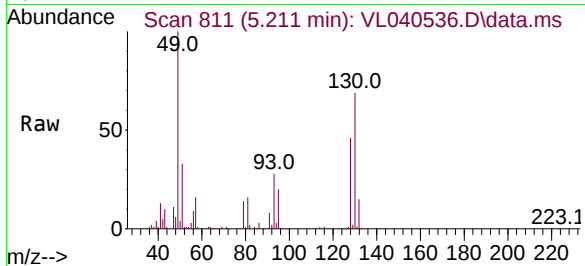




#26
Hexane
Concen: 0.422 ppbv
RT: 5.211 min Scan# 810
Delta R.T. -0.010 min
Lab File: VL040536.D
Acq: 14 Jul 2023 21:12

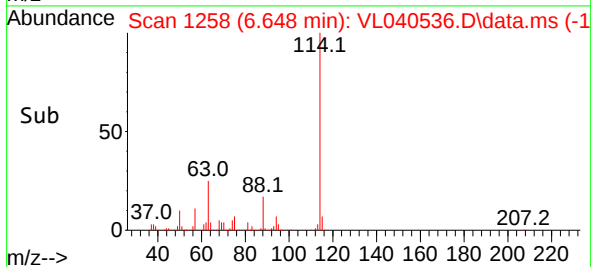
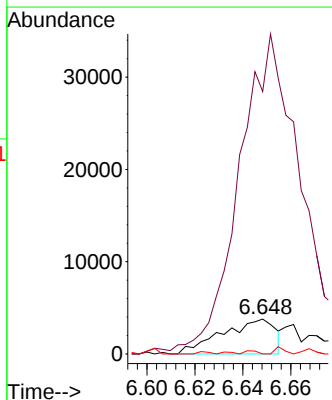
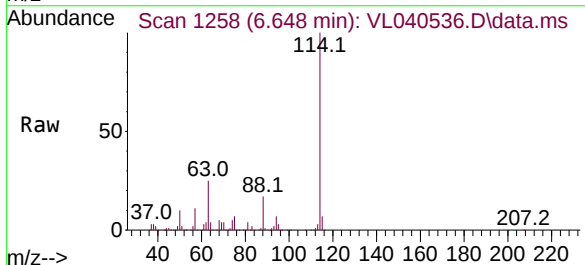
Instrument :
MSVOA_1
ClientSampleId :
SV1DL2

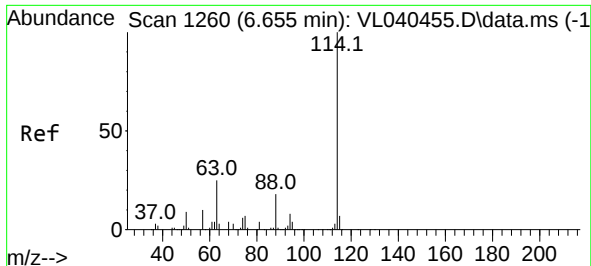
Tgt Ion: 57 Resp: 42691
Ion Ratio Lower Upper
57 100
41 97.8 69.5 104.3
43 75.5 177.1 265.7#
56 58.5 42.3 63.5



#30
Cyclohexane
Concen: 0.069 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. 0.038 min
Lab File: VL040536.D
Acq: 14 Jul 2023 21:12

Tgt Ion: 84 Resp: 5837
Ion Ratio Lower Upper
84 100
56 1130.3 108.7 163.1#
41 9.2 64.5 96.7#

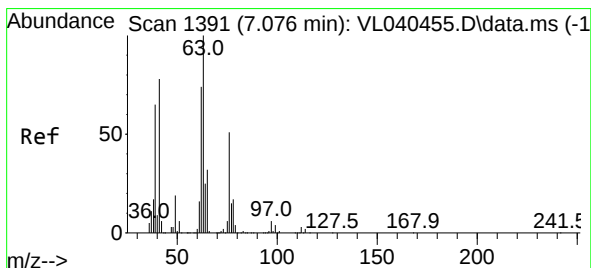
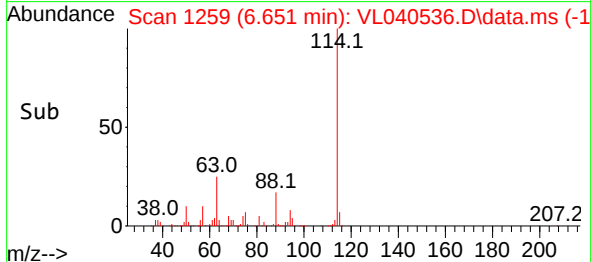
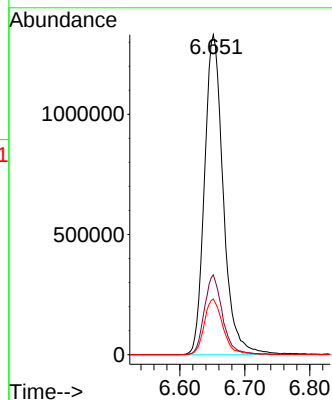
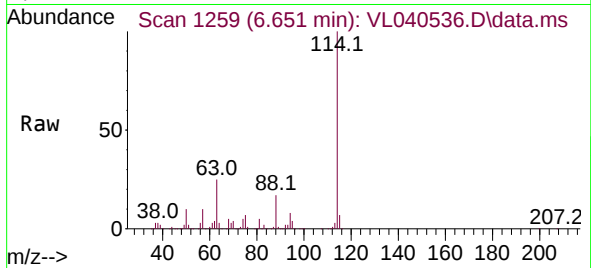




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.651 min Scan# 11
 Delta R.T. -0.013 min
 Lab File: VL040536.D
 Acq: 14 Jul 2023 21:12

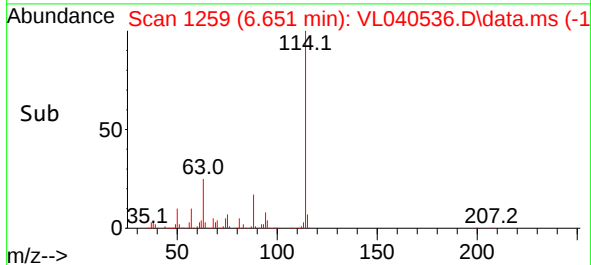
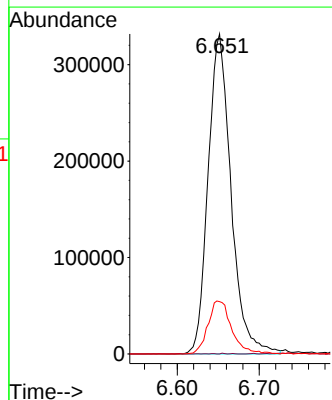
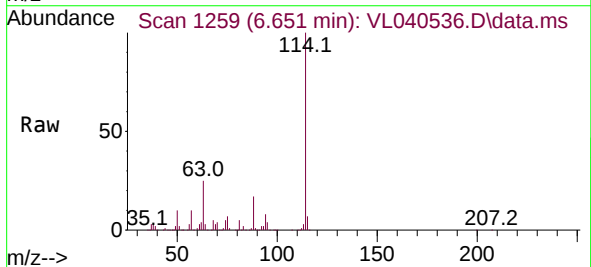
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2

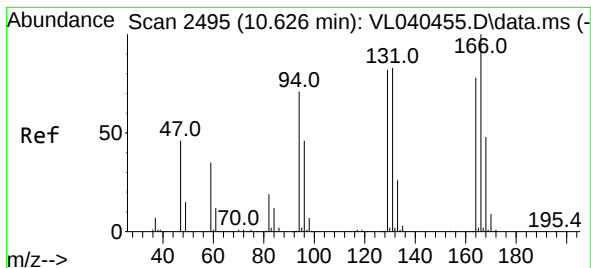
Tgt Ion:114 Resp: 2677007
 Ion Ratio Lower Upper
 114 100
 63 24.3 19.6 29.4
 88 17.4 14.2 21.2



#39
 1,2-Dichloropropane
 Concen: 7.773 ppbv
 RT: 6.651 min Scan# 1259
 Delta R.T. -0.431 min
 Lab File: VL040536.D
 Acq: 14 Jul 2023 21:12

Tgt Ion: 63 Resp: 644549
 Ion Ratio Lower Upper
 63 100
 41 0.0 54.3 81.5#
 62 16.4 55.6 83.4#





#52

Tetrachloroethene

Concen: 6.845 ppbv

RT: 10.616 min Scan# 2495

Delta R.T. -0.010 min

Lab File: VL040536.D

Acq: 14 Jul 2023 21:12

Instrument :

MSVOA_L

ClientSampleId :

SV1DL2

Tgt Ion:164 Resp: 477500

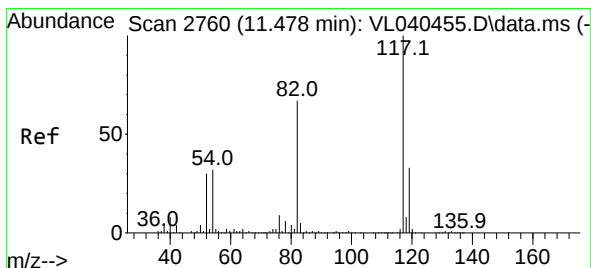
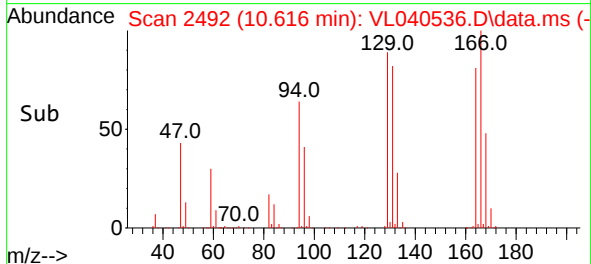
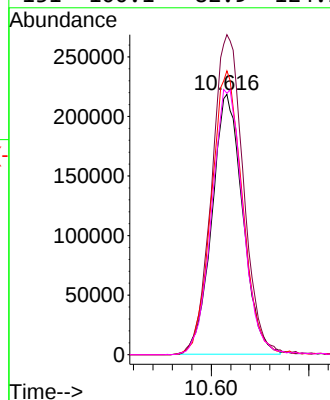
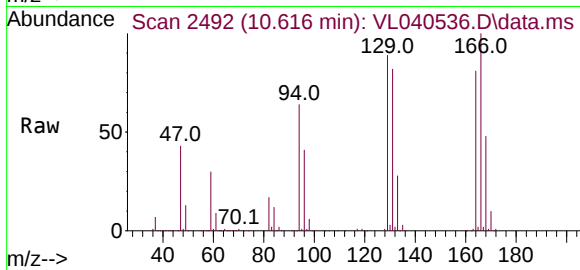
Ion Ratio Lower Upper

164 100

166 122.4 103.9 155.9

129 108.8 84.6 126.8

131 100.1 82.9 124.3



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 2756

Delta R.T. -0.013 min

Lab File: VL040536.D

Acq: 14 Jul 2023 21:12

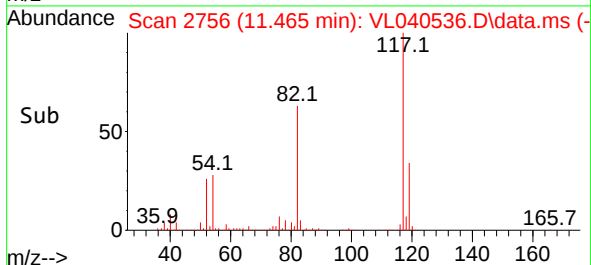
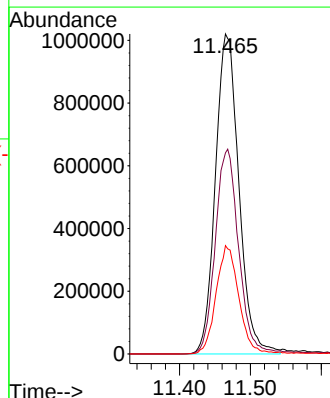
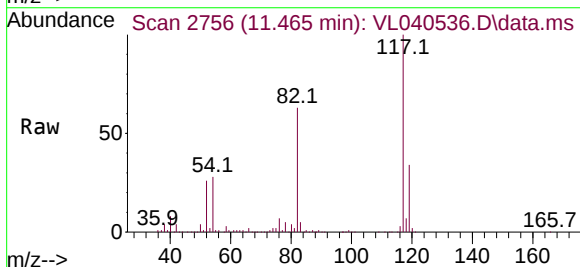
Tgt Ion:117 Resp: 2352308

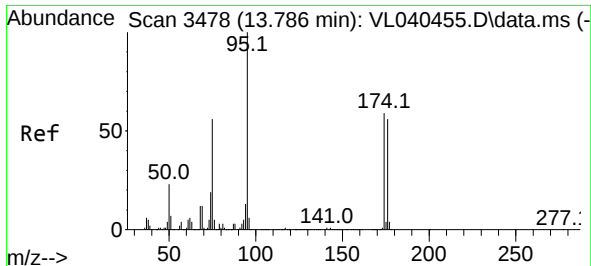
Ion Ratio Lower Upper

117 100

82 64.8 50.2 75.4

119 33.3 26.9 40.3

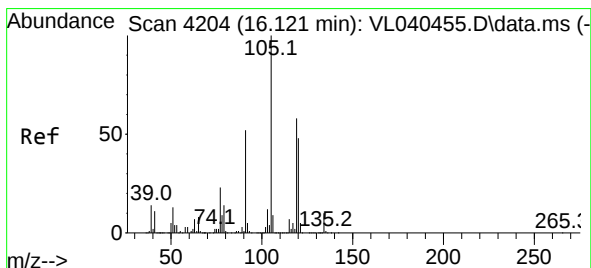
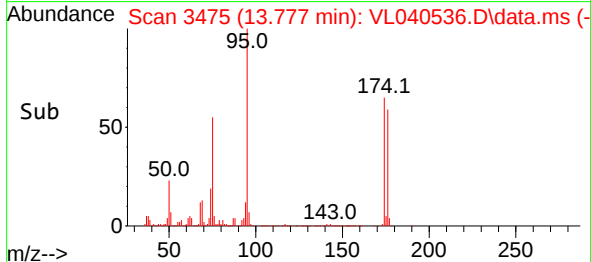
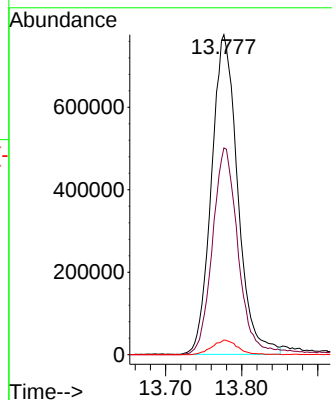
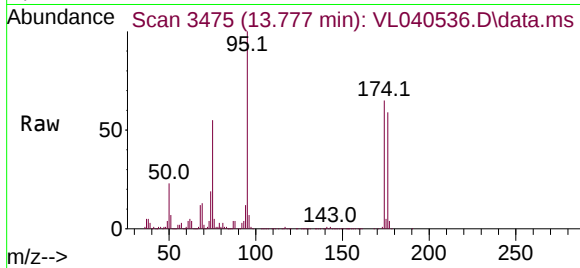




#68
1-Bromo-4-Fluorobenzene
Concen: 9.991 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. -0.007 min
Lab File: VL040536.D
Acq: 14 Jul 2023 21:12

Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

Tgt Ion: 95 Resp: 1859992
Ion Ratio Lower Upper
95 100
174 65.3 50.6 75.8
175 4.6 3.7 5.5



#74
1,2,4-Trimethylbenzene
Concen: 0.041 ppbv
RT: 16.104 min Scan# 4199
Delta R.T. -0.013 min
Lab File: VL040536.D
Acq: 14 Jul 2023 21:12

Tgt Ion: 105 Resp: 12287
Ion Ratio Lower Upper
105 100
120 54.2 40.3 60.5
91 15.3 46.8 70.2#
77 12.3 18.6 28.0#

