

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090523\
 Data File : VL040665.D
 Acq On : 6 Sep 2023 9:21
 Operator : SY/MD
 Sample : 04261-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Quant Time: Sep 06 11:35:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Aug 16 05:43:50 2023
 Response via : Initial Calibration

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

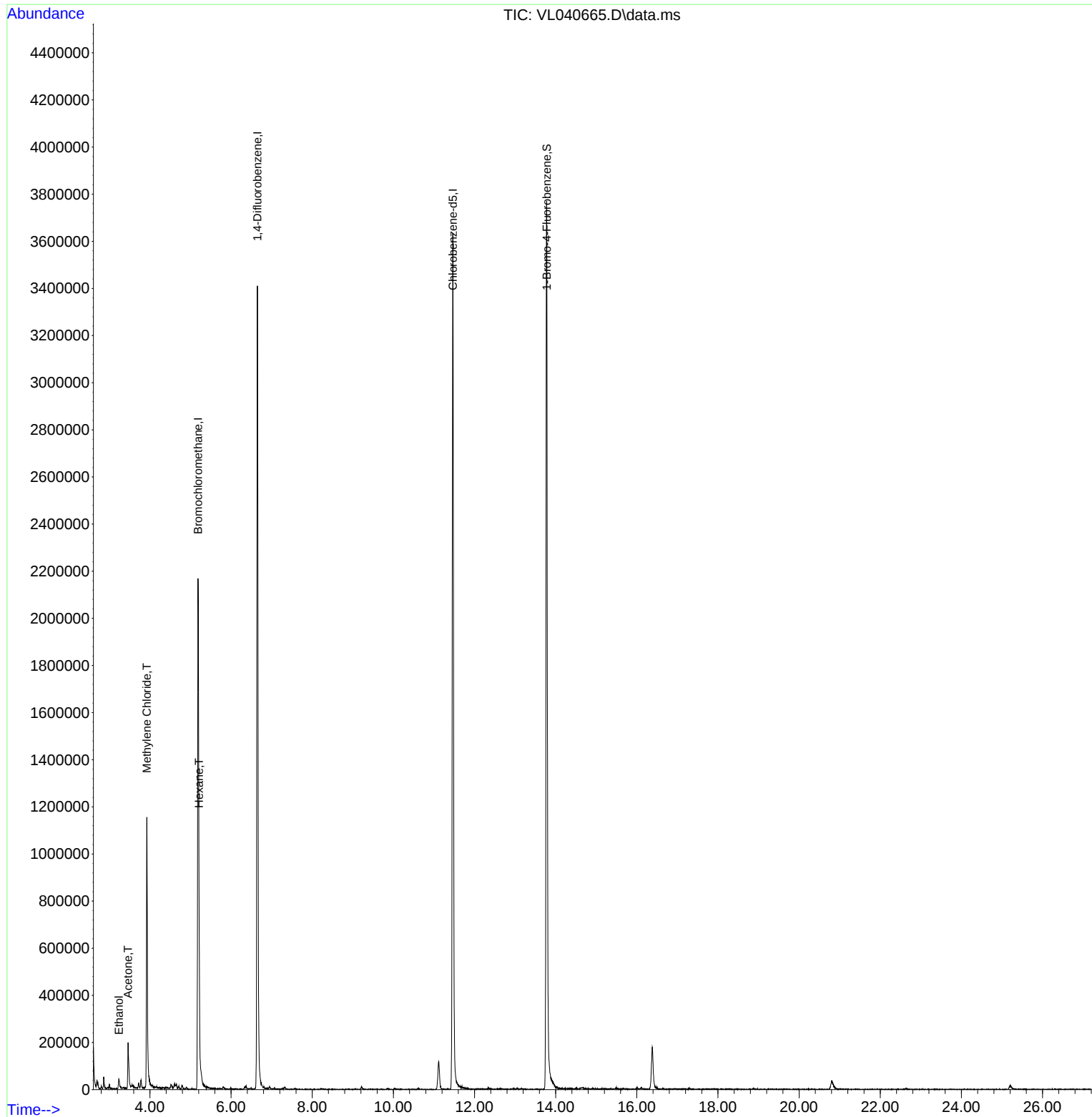
Internal Standards						
1) Bromochloromethane	5.185	49	899837	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2381476	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.468	117	2156596	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1780152	10.379	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.800%
Target Compounds						
					Qvalue	
13) Ethanol	3.237	45	44021	3.446	ppbv	97
15) Acetone	3.462	43	192921	1.753	ppbv	98
20) Methylene Chloride	3.925	84	405433	7.538	ppbv	95
26) Hexane	5.208	57	196422	1.964	ppbv #	38

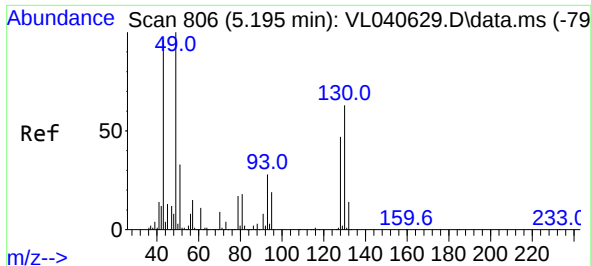
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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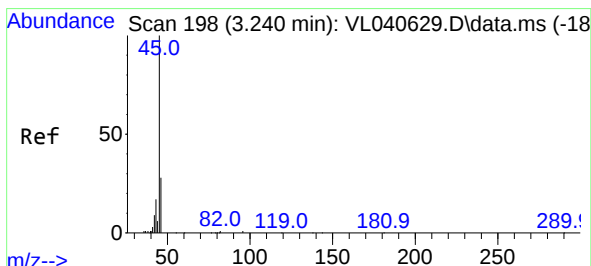
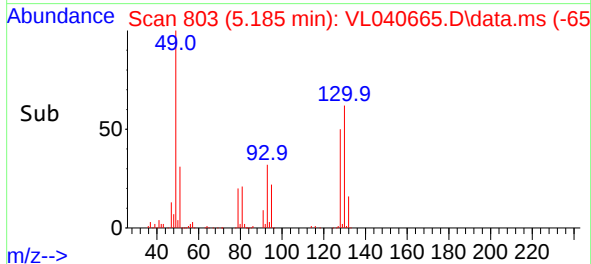
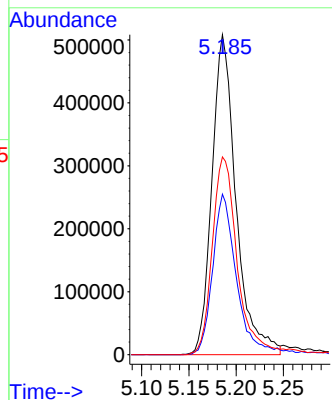
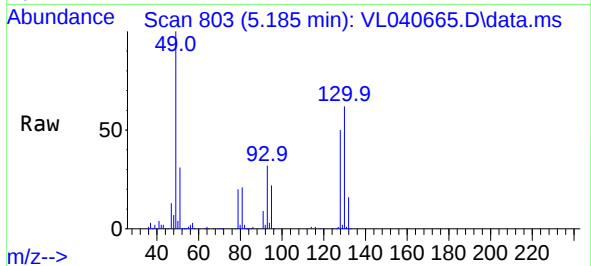




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 806
Delta R.T. -0.010 min
Lab File: VL040665.D
Acq: 6 Sep 2023 9:21

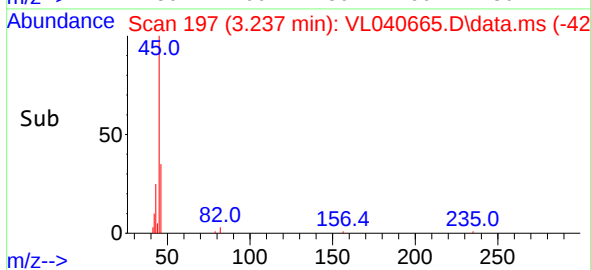
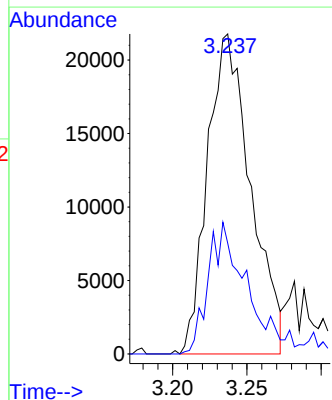
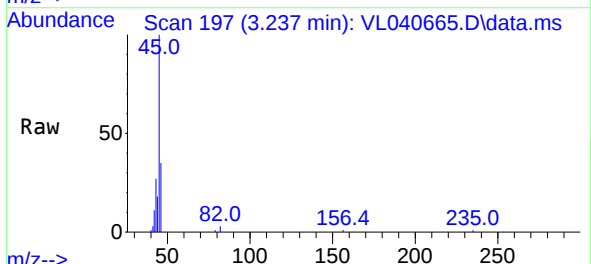
Instrument :
MSVOA_L
ClientSampleId :
OA1DL

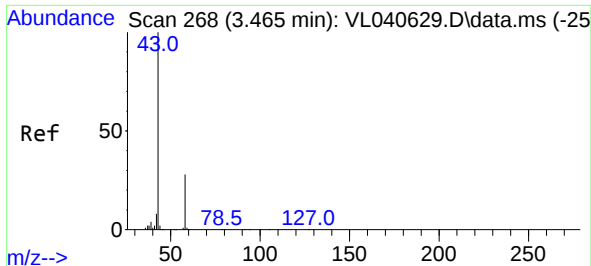
Tgt Ion: 49 Resp: 899837
Ion Ratio Lower Upper
49 100
128 51.0 24.9 74.7
130 66.1 32.2 96.6



#13
Ethanol
Concen: 3.446 ppbv
RT: 3.237 min Scan# 197
Delta R.T. -0.003 min
Lab File: VL040665.D
Acq: 6 Sep 2023 9:21

Tgt Ion: 45 Resp: 44021
Ion Ratio Lower Upper
45 100
46 37.1 14.2 56.6

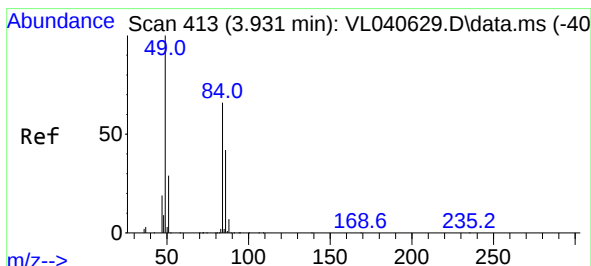
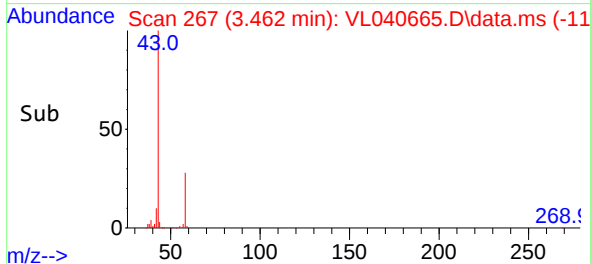
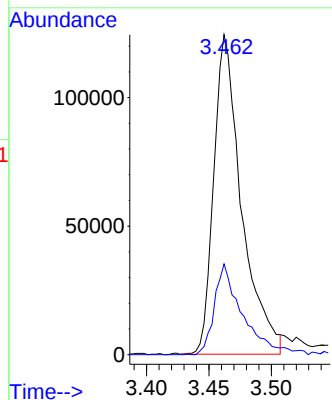
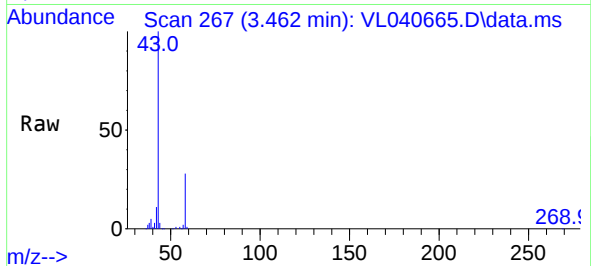




#15
Acetone
Concen: 1.753 ppbv
RT: 3.462 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040665.D
Acq: 6 Sep 2023 9:21

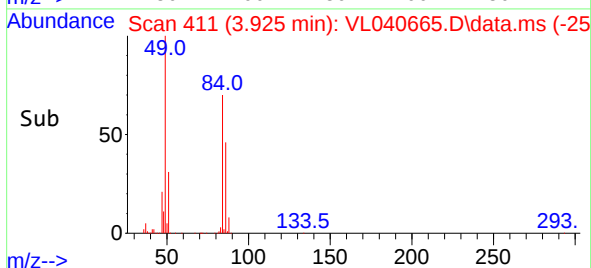
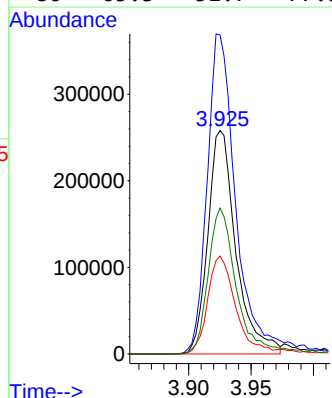
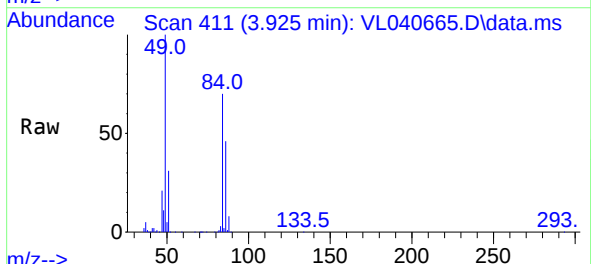
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ClientSampleId :
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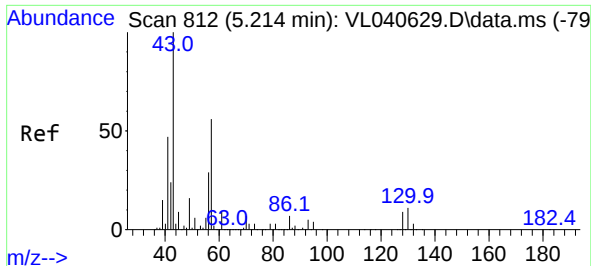
Tgt Ion: 43 Resp: 192921
Ion Ratio Lower Upper
43 100
58 29.1 22.4 33.6



#20
Methylene Chloride
Concen: 7.538 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.006 min
Lab File: VL040665.D
Acq: 6 Sep 2023 9:21

Tgt Ion: 84 Resp: 405433
Ion Ratio Lower Upper
84 100
49 142.6 122.1 183.1
51 43.8 35.4 53.2
86 65.3 51.7 77.5

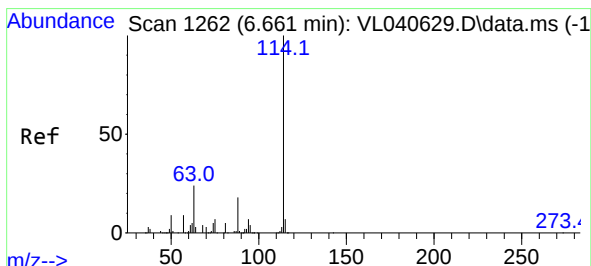
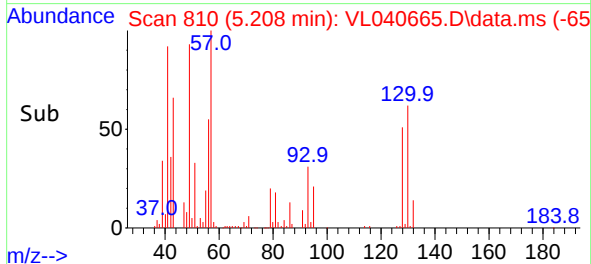
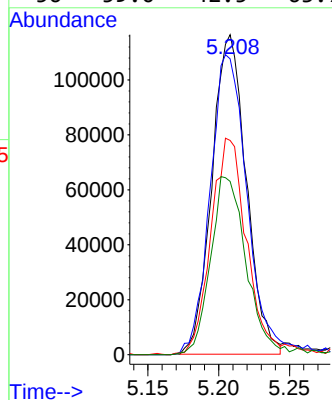
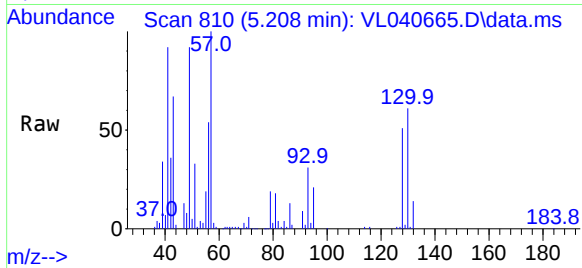




#26
Hexane
Concen: 1.964 ppbv
RT: 5.208 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL040665.D
Acq: 6 Sep 2023 9:21

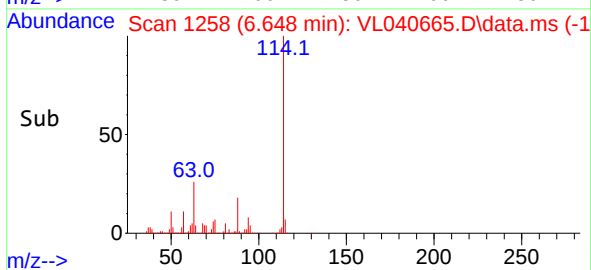
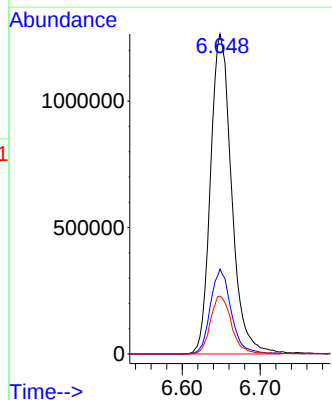
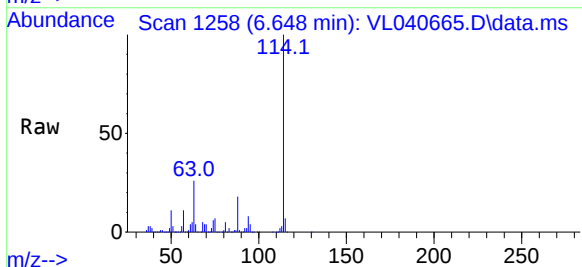
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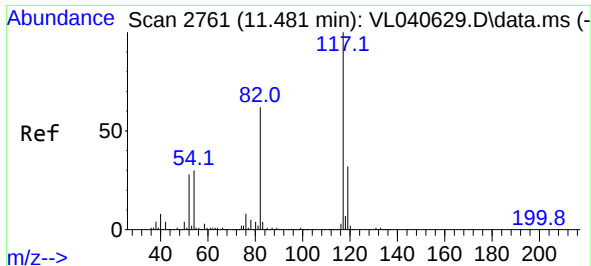
Tgt Ion: 57 Resp: 196422
Ion Ratio Lower Upper
57 100
41 103.0 69.3 103.9
43 72.4 177.9 266.9#
56 59.0 42.5 63.7



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. -0.013 min
Lab File: VL040665.D
Acq: 6 Sep 2023 9:21

Tgt Ion: 114 Resp: 2381476
Ion Ratio Lower Upper
114 100
63 26.4 20.2 30.2
88 18.3 14.1 21.1

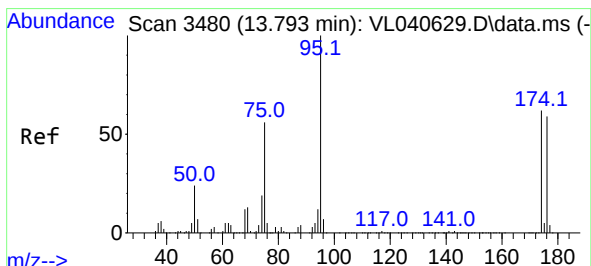
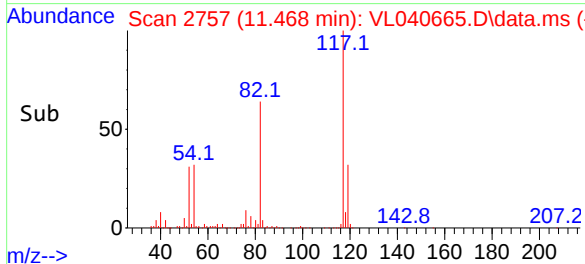
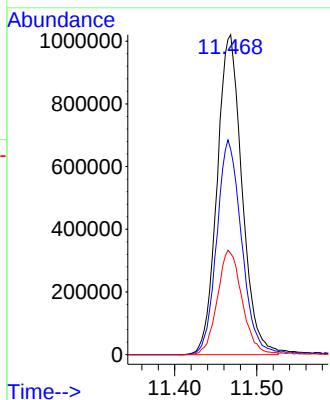
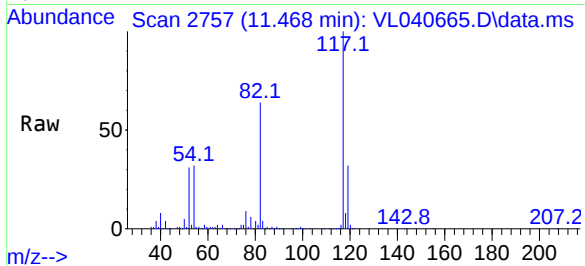




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040665.D
Acq: 6 Sep 2023 9:21

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion:117 Resp: 2156596
Ion Ratio Lower Upper
117 100
82 68.0 49.5 74.3
119 33.0 24.5 36.7



#68
1-Bromo-4-Fluorobenzene
Concen: 10.379 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. -0.013 min
Lab File: VL040665.D
Acq: 6 Sep 2023 9:21

Tgt Ion: 95 Resp: 1780152
Ion Ratio Lower Upper
95 100
174 61.6 49.1 73.7
175 4.3 3.7 5.5

