

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090523\
 Data File : VL040648.D
 Acq On : 5 Sep 2023 15:26
 Operator : SY/MD
 Sample : 04281-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Quant Time: Sep 06 02:06:13 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)

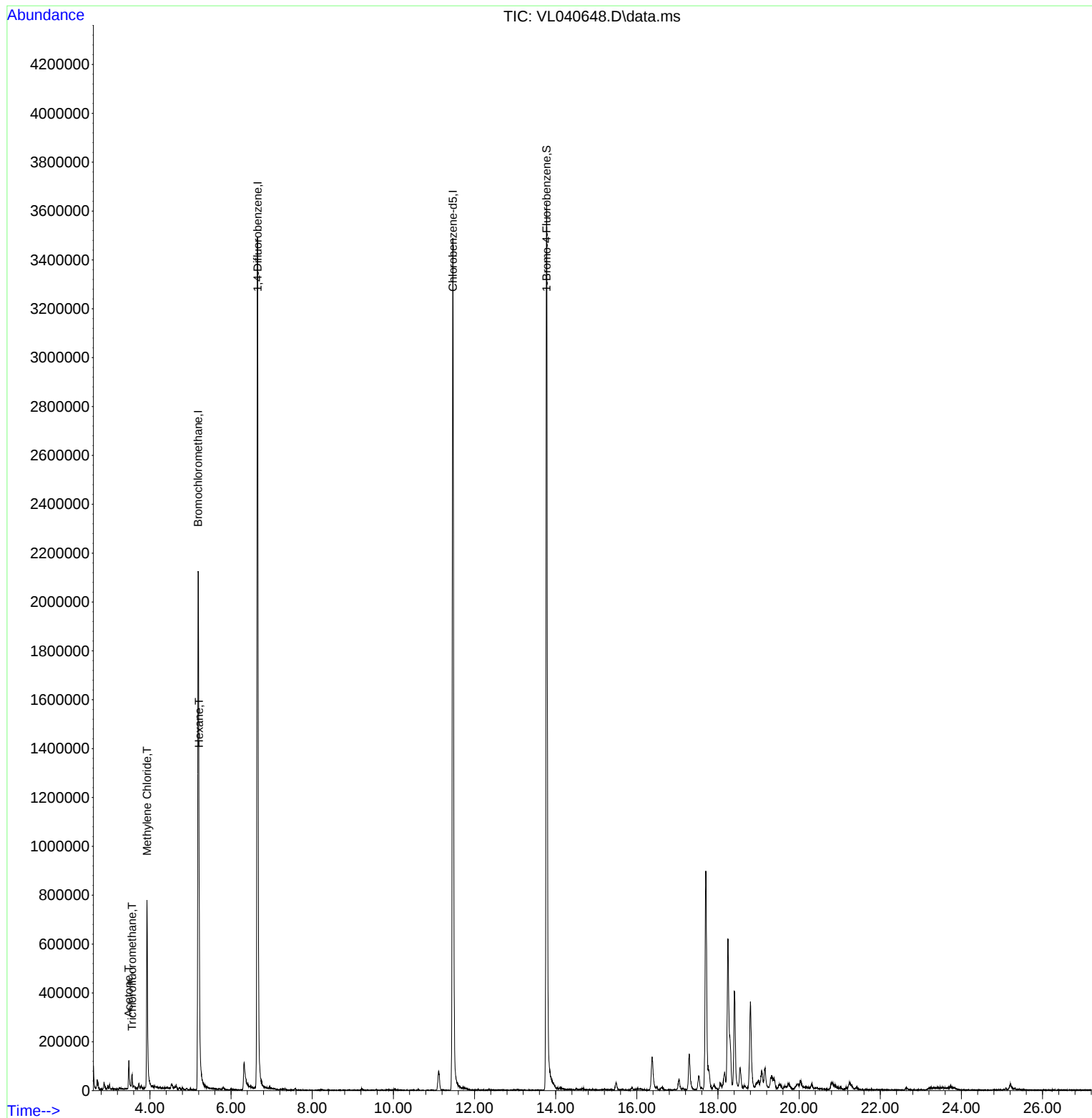
Internal Standards						
1) Bromochloromethane	5.189	49	974507	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2613288	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2232134	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1754861	9.885	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.900%
Target Compounds						
						Qvalue
11) Trichlorofluoromethane	3.559	101	32744	0.193	ppbv	89
15) Acetone	3.478	43	119691	1.004	ppbv	95
20) Methylene Chloride	3.928	84	276231	4.742	ppbv	97
26) Hexane	5.208	57	197501	1.823	ppbv #	40

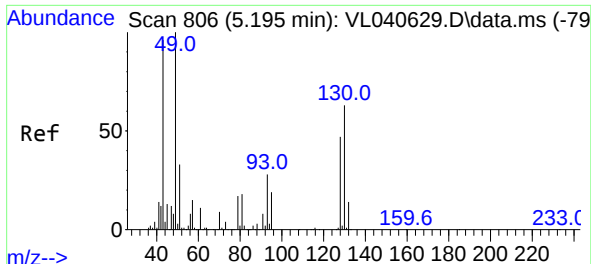
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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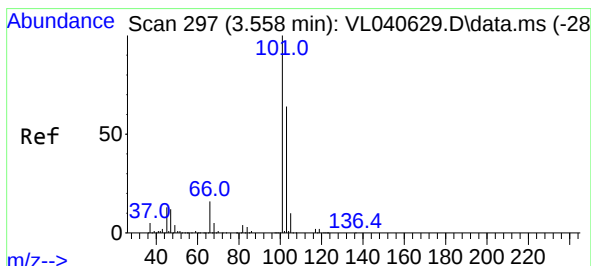
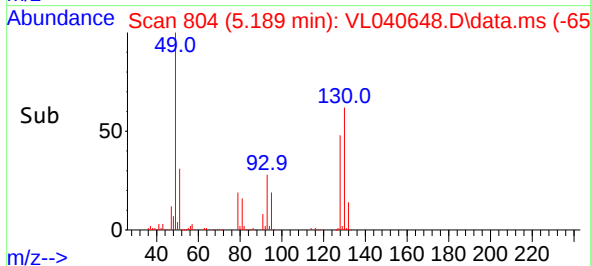
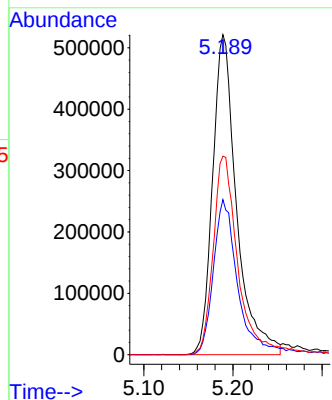
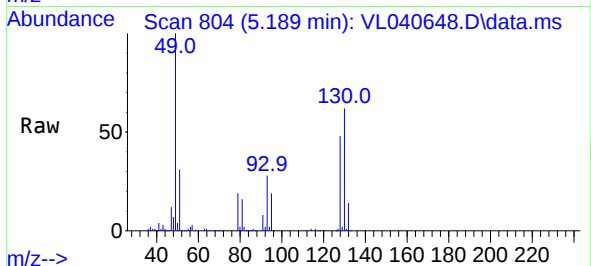




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 806
Delta R.T. -0.006 min
Lab File: VL040648.D
Acq: 5 Sep 2023 15:26

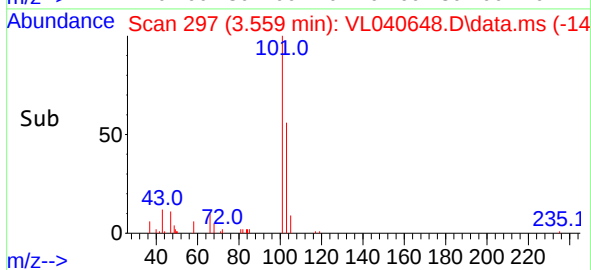
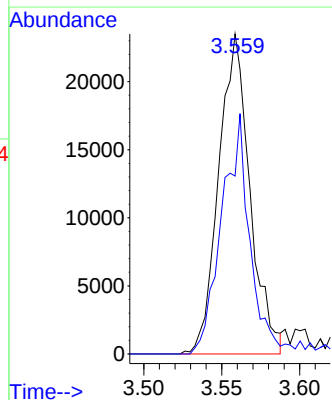
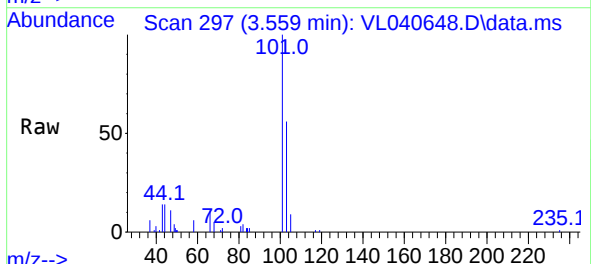
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

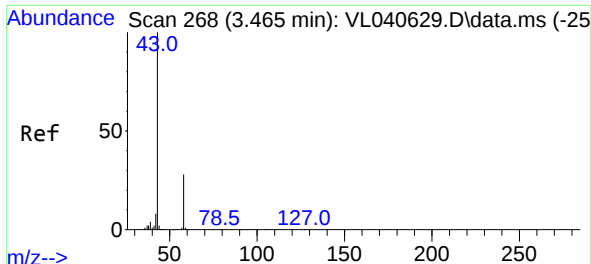
Tgt Ion: 49 Resp: 974507
Ion Ratio Lower Upper
49 100
128 51.5 24.9 74.7
130 65.0 32.2 96.6



#11
Trichlorofluoromethane
Concen: 0.193 ppbv
RT: 3.559 min Scan# 297
Delta R.T. 0.000 min
Lab File: VL040648.D
Acq: 5 Sep 2023 15:26

Tgt Ion:101 Resp: 32744
Ion Ratio Lower Upper
101 100
103 55.6 51.1 76.7

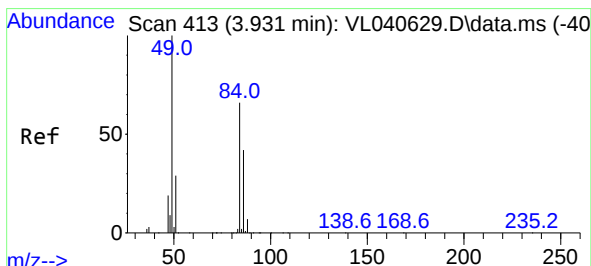
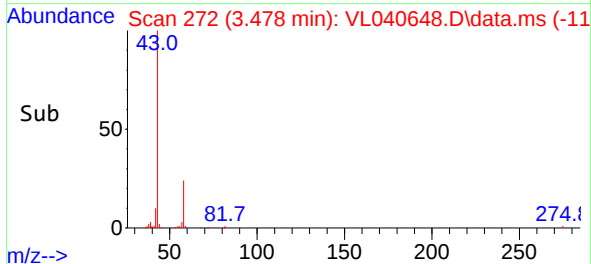
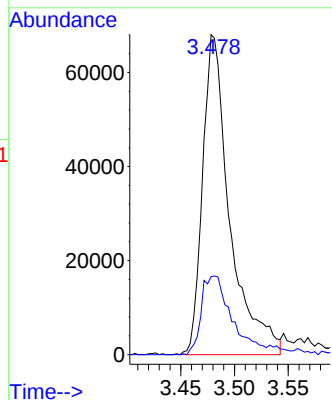
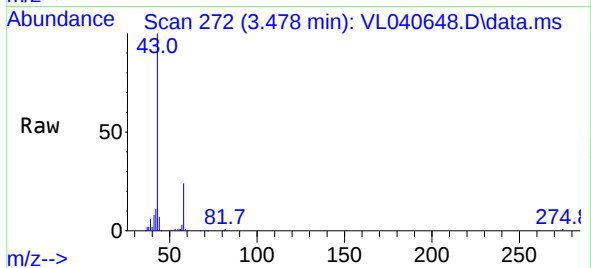




#15
Acetone
Concen: 1.004 ppbv
RT: 3.478 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040648.D
Acq: 5 Sep 2023 15:26

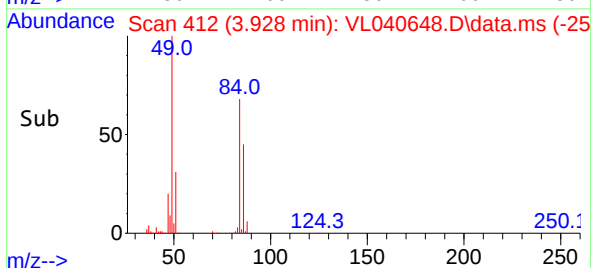
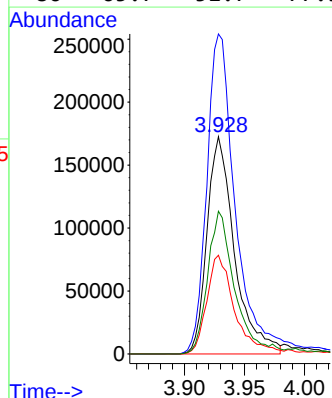
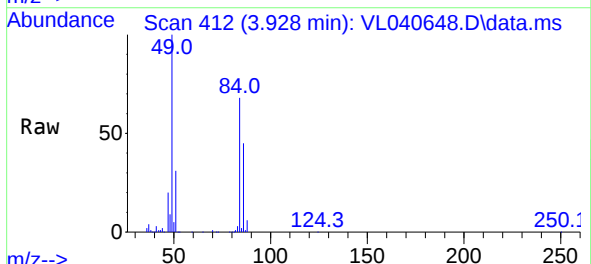
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

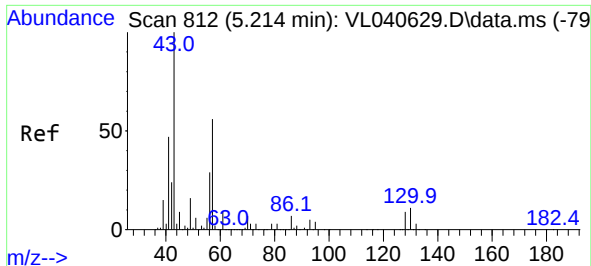
Tgt Ion: 43 Resp: 119691
Ion Ratio Lower Upper
43 100
58 30.4 22.4 33.6



#20
Methylene Chloride
Concen: 4.742 ppbv
RT: 3.928 min Scan# 412
Delta R.T. -0.003 min
Lab File: VL040648.D
Acq: 5 Sep 2023 15:26

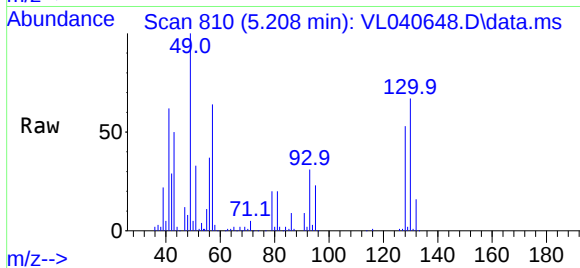
Tgt Ion: 84 Resp: 276231
Ion Ratio Lower Upper
84 100
49 147.2 122.1 183.1
51 45.5 35.4 53.2
86 65.7 51.7 77.5



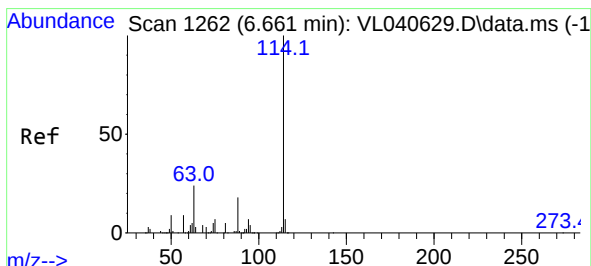
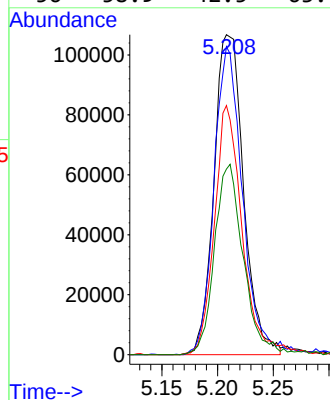
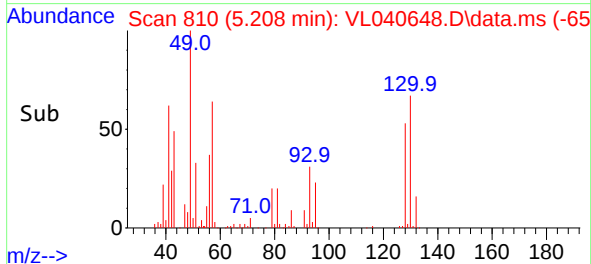


#26
Hexane
Concen: 1.823 ppbv
RT: 5.208 min Scan# 812
Delta R.T. -0.006 min
Lab File: VL040648.D
Acq: 5 Sep 2023 15:26

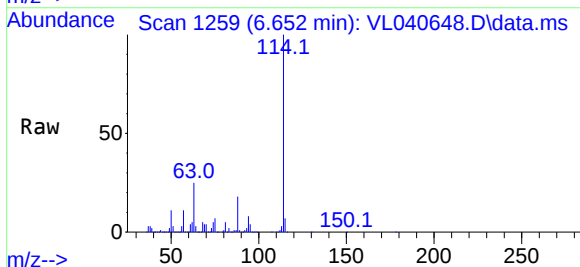
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



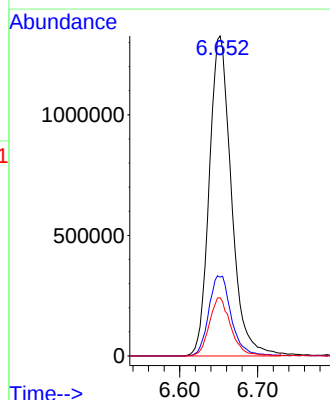
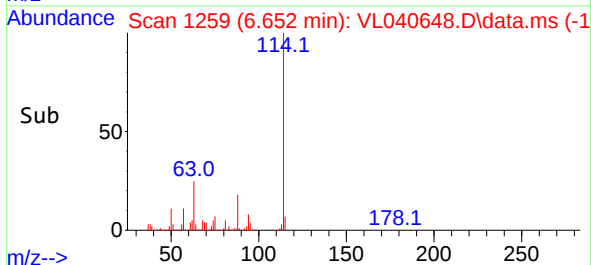
Tgt Ion: 57 Resp: 197501
Ion Ratio Lower Upper
57 100
41 94.5 69.3 103.9
43 73.6 177.9 266.9#
56 58.9 42.5 63.7

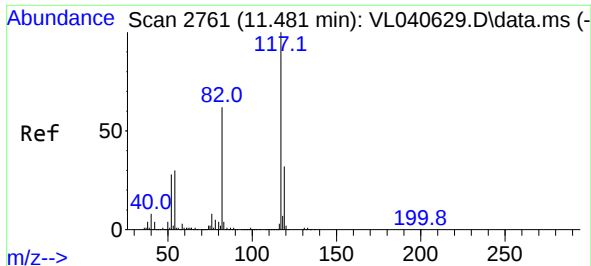


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. -0.010 min
Lab File: VL040648.D
Acq: 5 Sep 2023 15:26



Tgt Ion: 114 Resp: 2613288
Ion Ratio Lower Upper
114 100
63 25.8 20.2 30.2
88 17.8 14.1 21.1

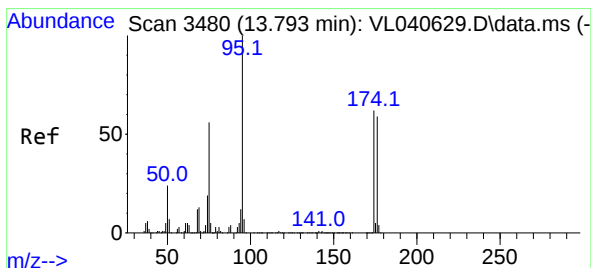
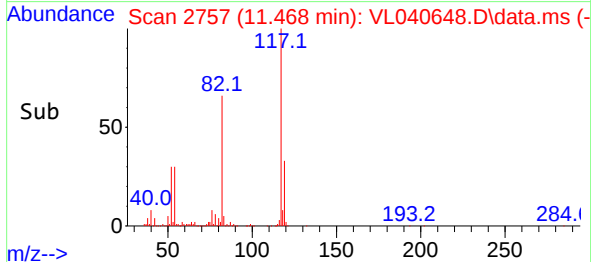
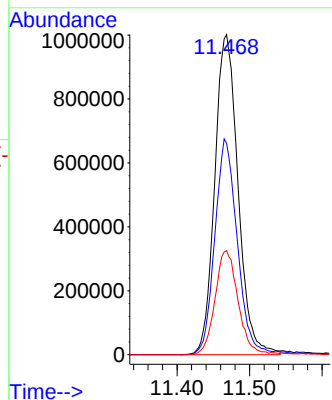
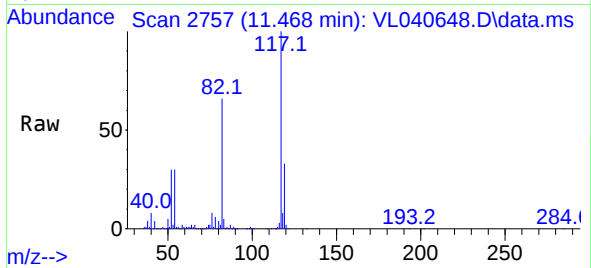




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040648.D
Acq: 5 Sep 2023 15:26

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion:117 Resp: 2232134
Ion Ratio Lower Upper
117 100
82 66.0 49.5 74.3
119 32.6 24.5 36.7



#68
1-Bromo-4-Fluorobenzene
Concen: 9.885 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. -0.016 min
Lab File: VL040648.D
Acq: 5 Sep 2023 15:26

Tgt Ion: 95 Resp: 1754861
Ion Ratio Lower Upper
95 100
174 61.9 49.1 73.7
175 4.6 3.7 5.5

