

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050525\
 Data File : VL042472.D
 Acq On : 05 May 2025 10:50
 Operator : SY/MD
 Sample : Q1927-03DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EBR-P04-SC-SS01-20250428DL

Quant Time: May 06 01:40:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 03:16:31 2025
 Response via : Initial Calibration

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

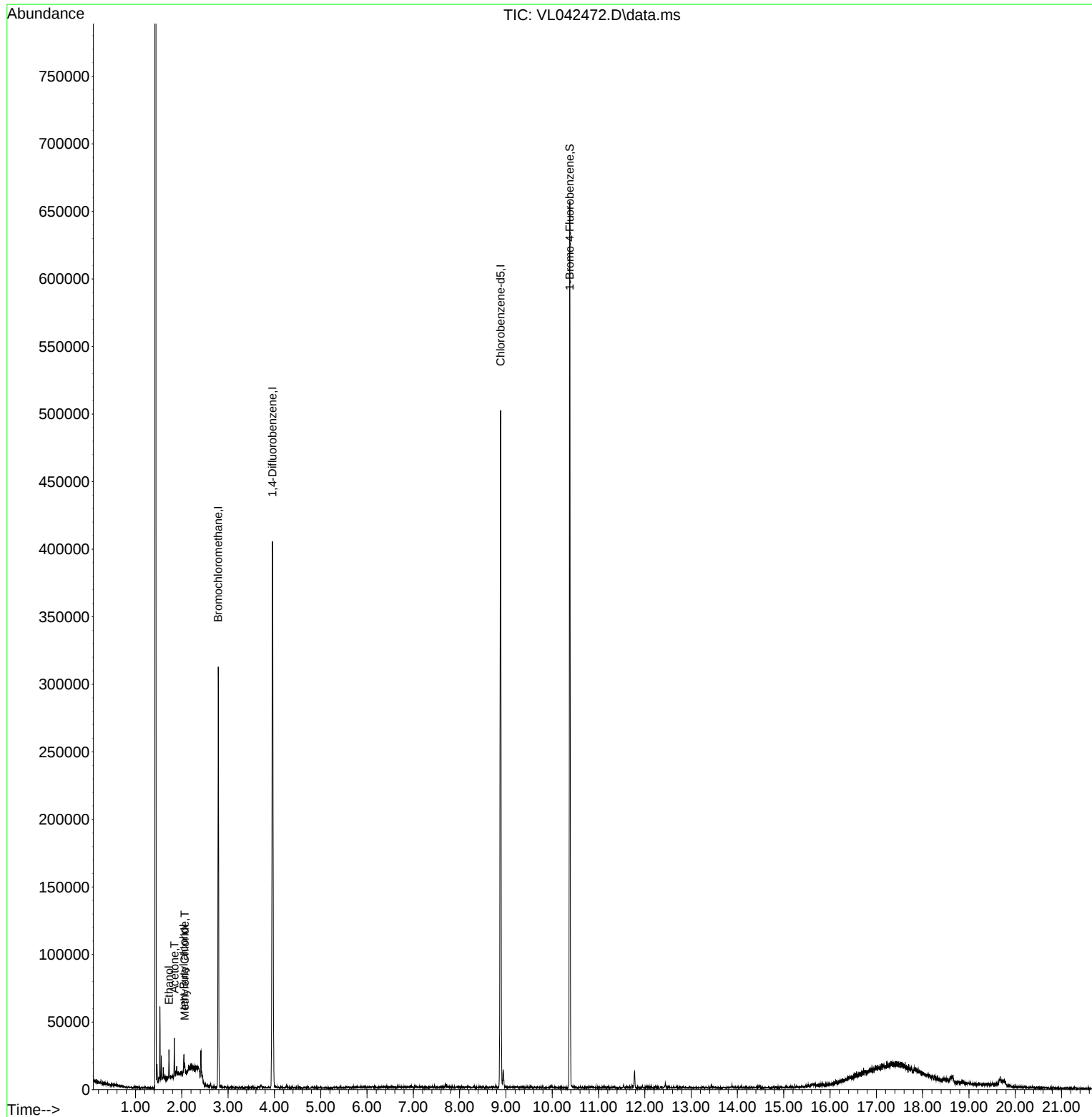
Internal Standards						
1) Bromochloromethane	2.787	49	77085	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	220817	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	182321	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	164599	9.737	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.400%
Target Compounds						
					Qvalue	
13) Ethanol	1.722	45	6808	7.605	ppbv #	37
15) Acetone	1.839	43	12771	0.908	ppbv	90
17) tert-Butyl alcohol	2.046	59	5011	0.404	ppbv #	84
20) Methylene Chloride	2.062	84	933	0.221	ppbv #	56

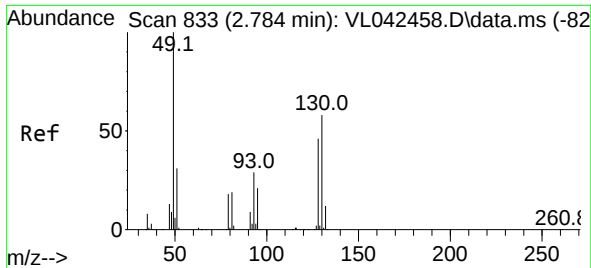
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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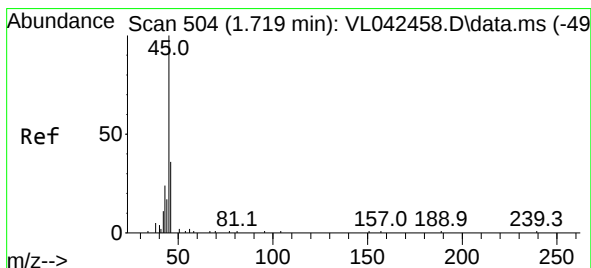
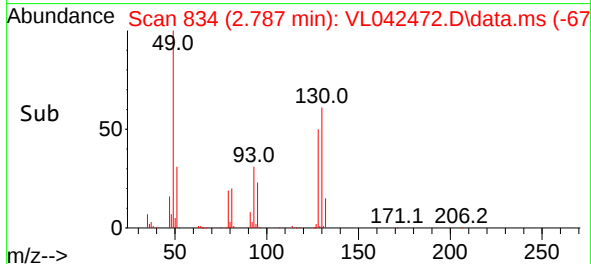
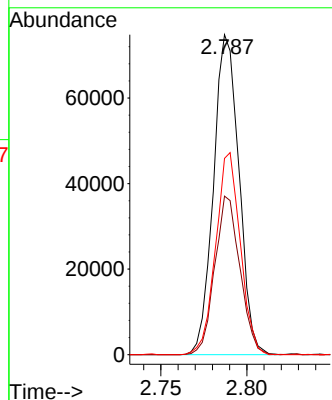
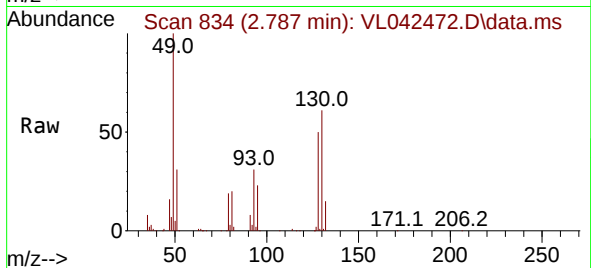




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042472.D
Acq: 05 May 2025 10:50

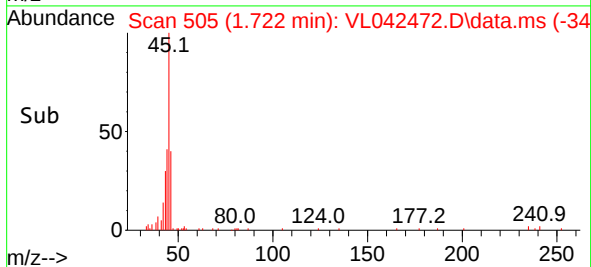
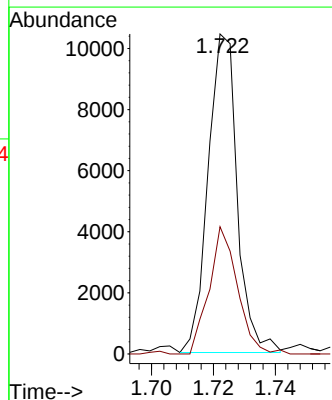
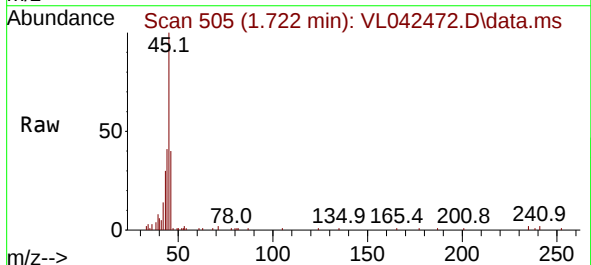
Instrument :
MSVOA_L
ClientSampleId :
EBR-P04-SC-SS01-20250428DL

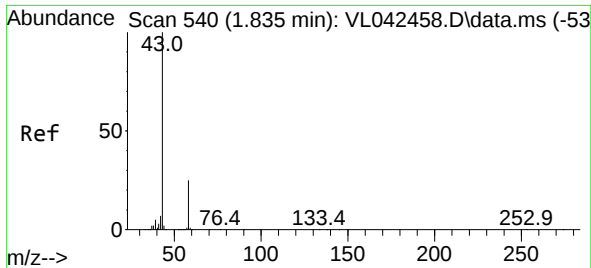
Tgt Ion: 49 Resp: 77085
Ion Ratio Lower Upper
49 100
128 49.0 23.3 69.9
130 61.1 29.5 88.6



#13
Ethanol
Concen: 7.605 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL042472.D
Acq: 05 May 2025 10:50

Tgt Ion: 45 Resp: 6808
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.1#





#15

Acetone

Concen: 0.908 ppbv

RT: 1.839 min Scan# 54

Delta R.T. 0.003 min

Lab File: VL042472.D

Acq: 05 May 2025 10:50

Instrument :

MSVOA_L

ClientSampleId :

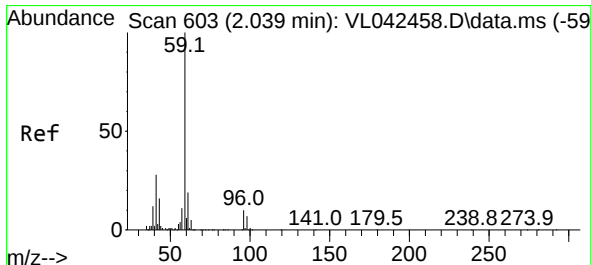
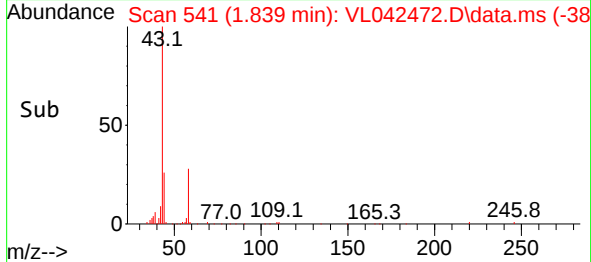
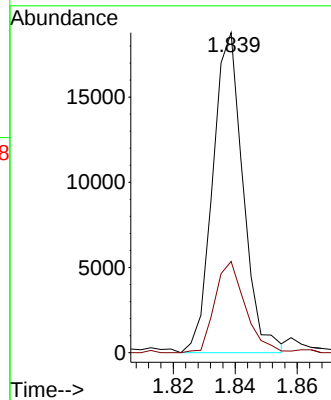
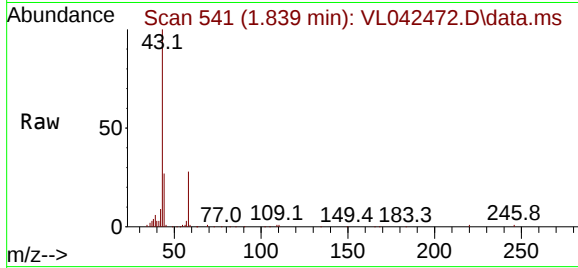
EBR-P04-SC-SS01-20250428DL

Tgt Ion: 43 Resp: 12771

Ion Ratio Lower Upper

43 100

58 29.6 19.8 29.8



#17

tert-Butyl alcohol

Concen: 0.404 ppbv

RT: 2.046 min Scan# 605

Delta R.T. 0.007 min

Lab File: VL042472.D

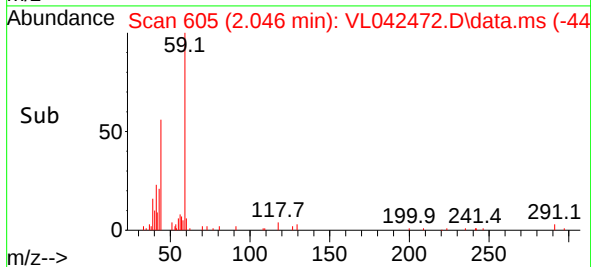
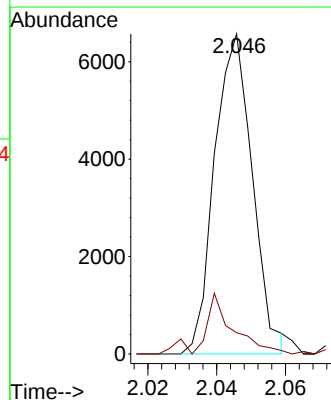
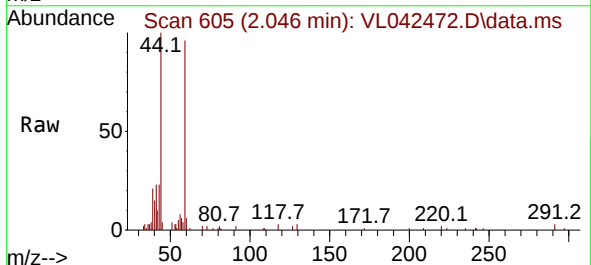
Acq: 05 May 2025 10:50

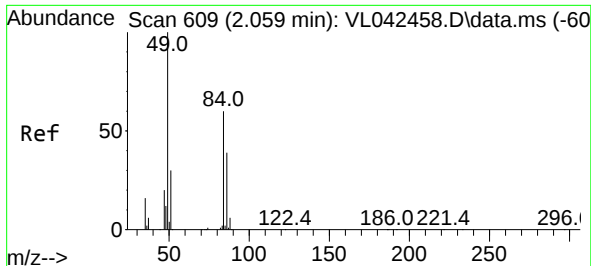
Tgt Ion: 59 Resp: 5011

Ion Ratio Lower Upper

59 100

57 16.5 8.3 12.5#

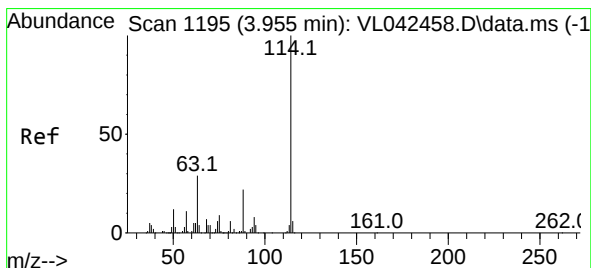
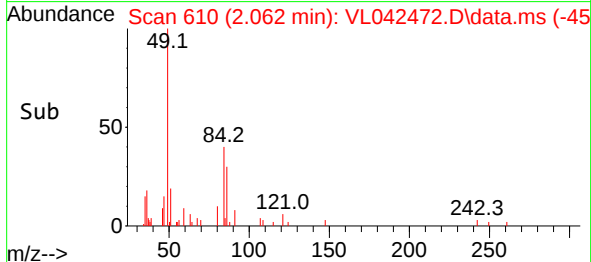
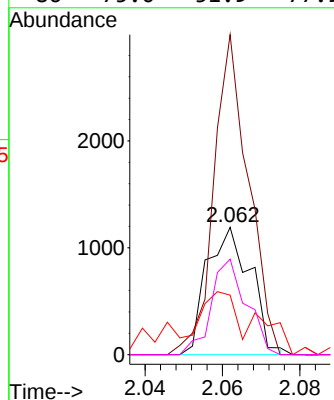
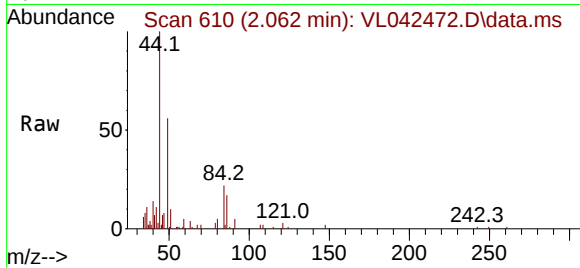




#20
Methylene Chloride
Concen: 0.221 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042472.D
Acq: 05 May 2025 10:50

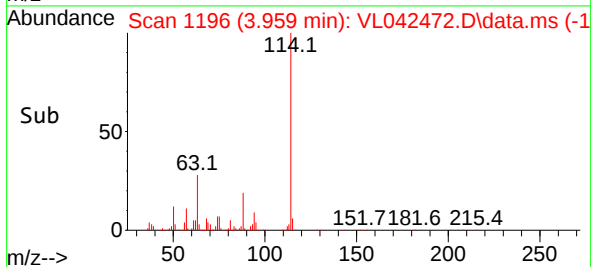
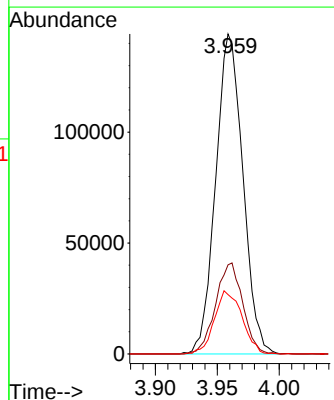
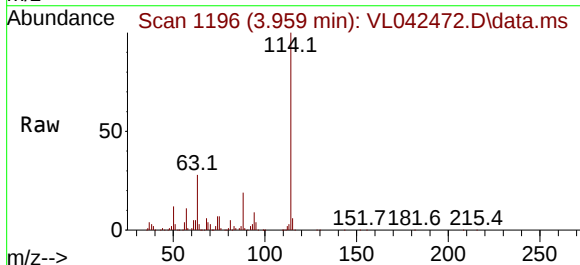
Instrument : MSVOA_1
ClientSampleId : EBR-P04-SC-SS01-20250428DL

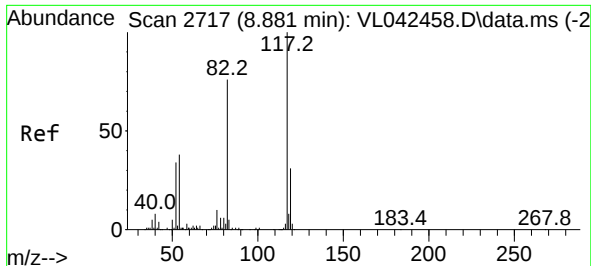
Tgt Ion:	84	Resp:	933
Ion	Ratio	Lower	Upper
84	100		
49	251.2	133.9	200.9#
51	33.6	41.0	61.6#
86	75.0	51.9	77.9



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. 0.003 min
Lab File: VL042472.D
Acq: 05 May 2025 10:50

Tgt Ion:	114	Resp:	220817
Ion	Ratio	Lower	Upper
114	100		
63	28.4	23.1	34.7
88	20.1	16.1	24.1

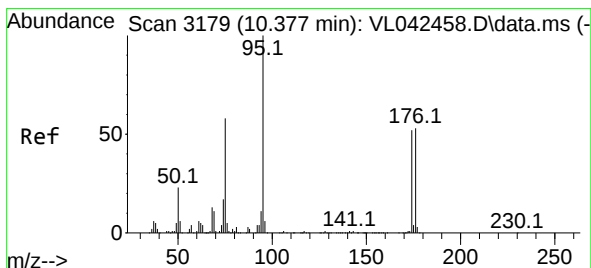
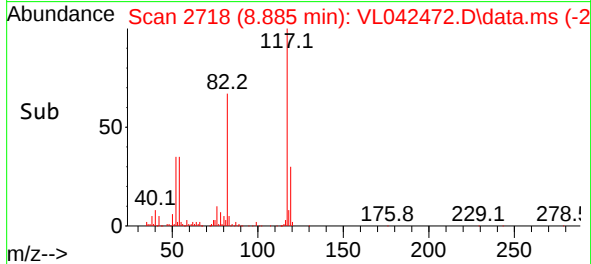
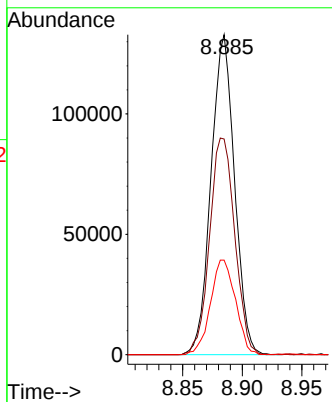
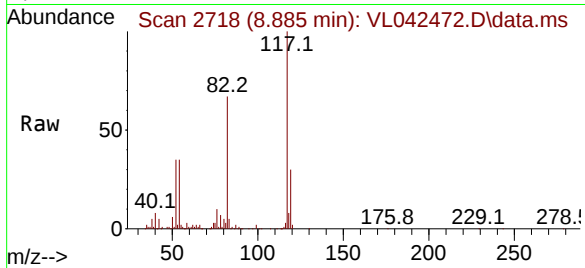




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042472.D
Acq: 05 May 2025 10:50

Instrument :
MSVOA_L
ClientSampleId :
EBR-P04-SC-SS01-20250428DL

Tgt Ion:117 Resp: 182321
Ion Ratio Lower Upper
117 100
82 72.5 63.5 95.3
119 31.5 25.8 38.8



#68
1-Bromo-4-Fluorobenzene
Concen: 9.737 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. 0.003 min
Lab File: VL042472.D
Acq: 05 May 2025 10:50

Tgt Ion: 95 Resp: 164599
Ion Ratio Lower Upper
95 100
174 53.9 42.7 64.1
175 4.6 3.6 5.4

