

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102522\
 Data File : VL039799.D
 Acq On : 25 Oct 2022 22:37
 Operator : SY/AP
 Sample : N5227-08DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 HDL

Quant Time: Oct 27 17:31:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Oct 24 20:00:55 2022
 Response via : Initial Calibration

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

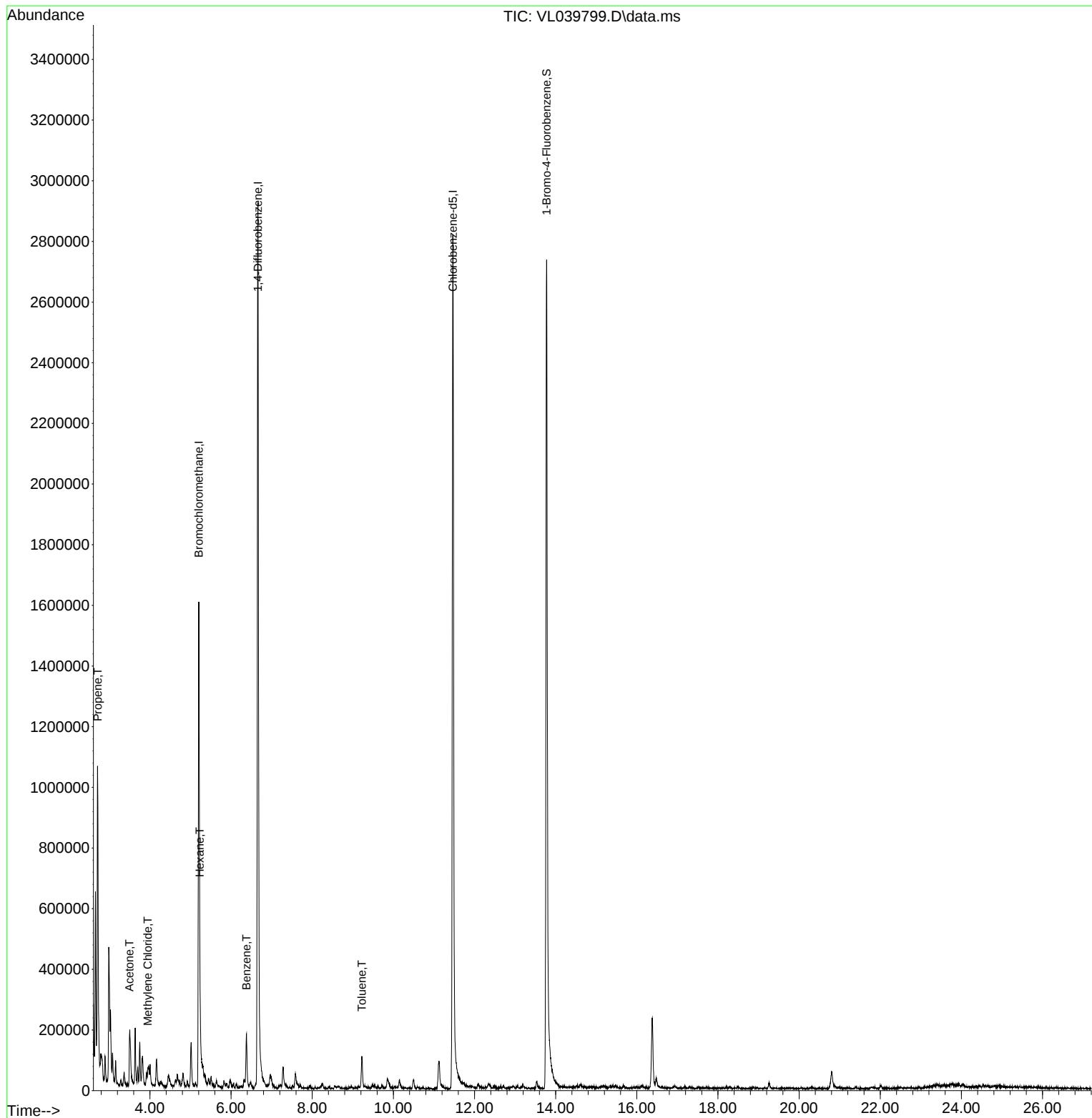
Internal Standards						
1) Bromochloromethane	5.205	49	838306	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2361917	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	1986112	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1397434	9.891	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.900%
Target Compounds						
					Qvalue	
9) Propene	2.709	41	476391	11.010	ppbv	91
15) Acetone	3.497	43	173898	1.737	ppbv #	83
20) Methylene Chloride	3.947	84	11297	0.297	ppbv #	87
26) Hexane	5.227	57	46824	0.575	ppbv #	34
36) Benzene	6.378	78	145270	0.799	ppbv #	94
53) Toluene	9.224	91	83007	0.436	ppbv	98

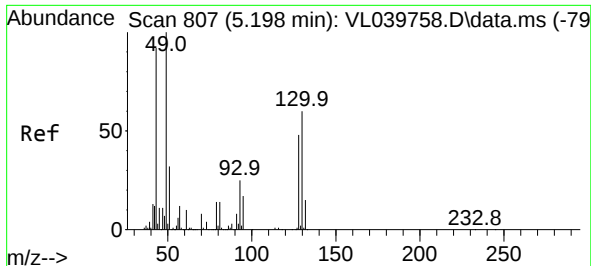
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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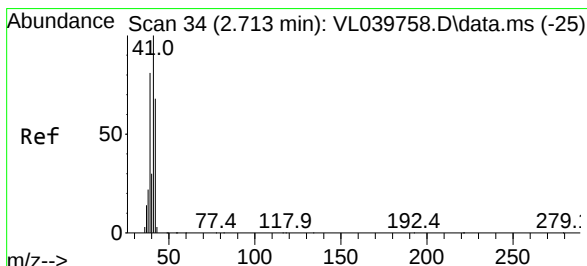
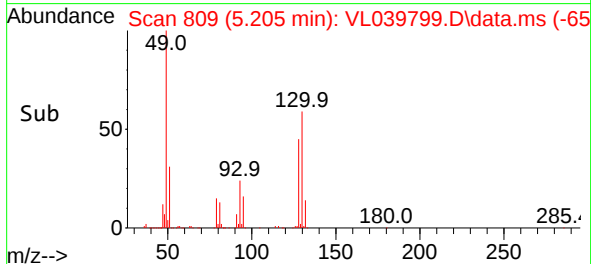
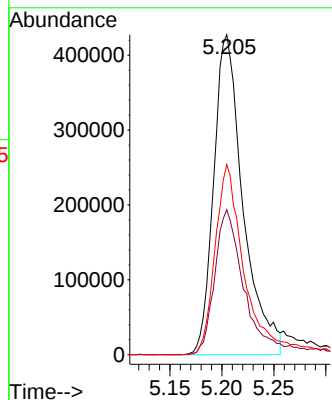
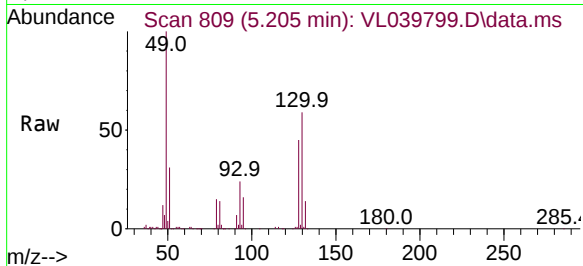




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL039799.D
Acq: 25 Oct 2022 22:37

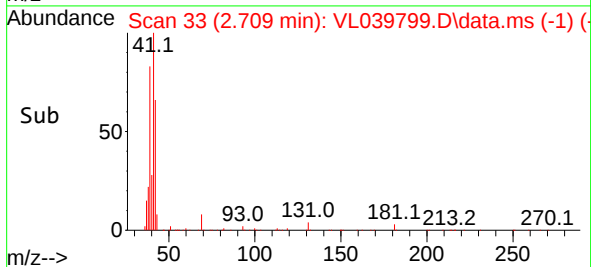
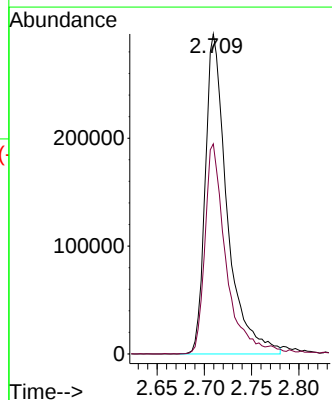
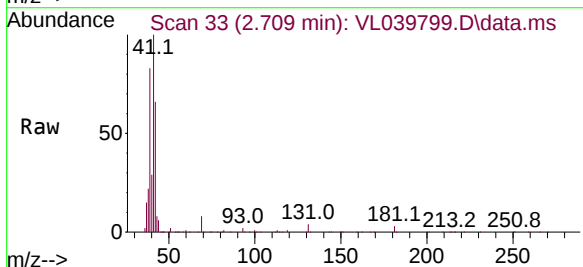
Instrument :
MSVOA_L
ClientSampleId :
HDL

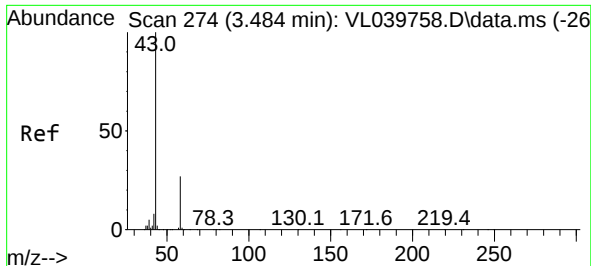
Tgt Ion: 49 Resp: 838306
Ion Ratio Lower Upper
49 100
128 48.8 24.6 74.0
130 62.7 31.8 95.3



#9
Propene
Concen: 11.010 ppbv
RT: 2.709 min Scan# 33
Delta R.T. -0.003 min
Lab File: VL039799.D
Acq: 25 Oct 2022 22:37

Tgt Ion: 41 Resp: 476391
Ion Ratio Lower Upper
41 100
42 65.1 58.0 87.0

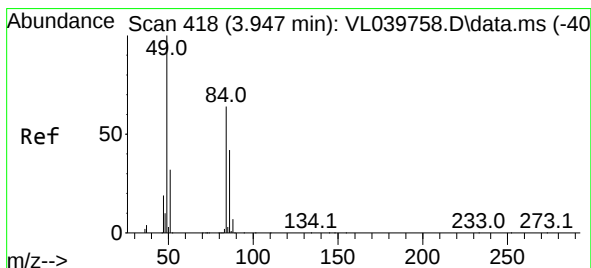
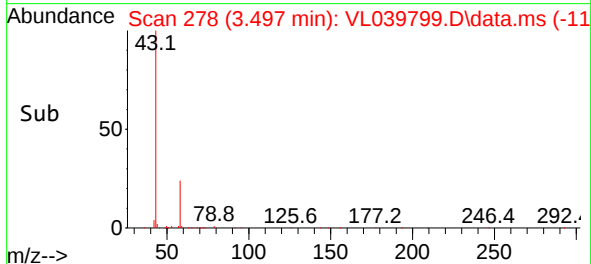
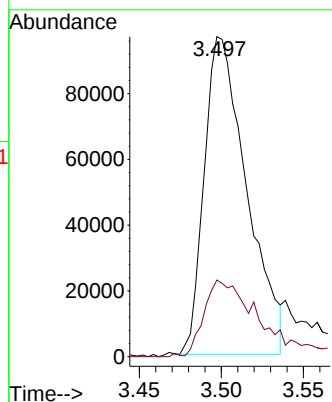
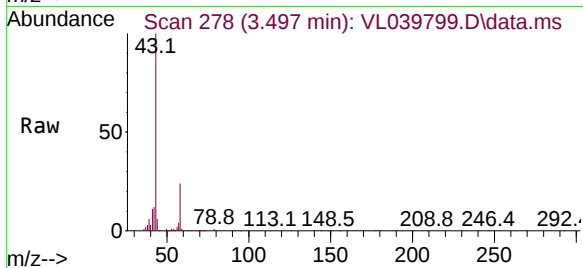




#15
Acetone
Concen: 1.737 ppbv
RT: 3.497 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL039799.D
Acq: 25 Oct 2022 22:37

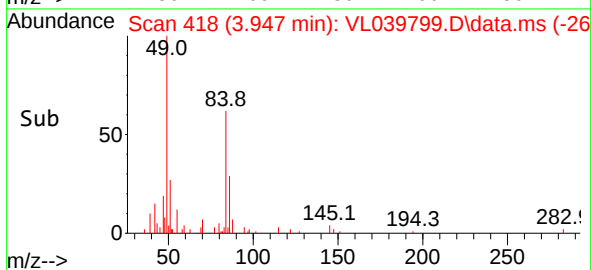
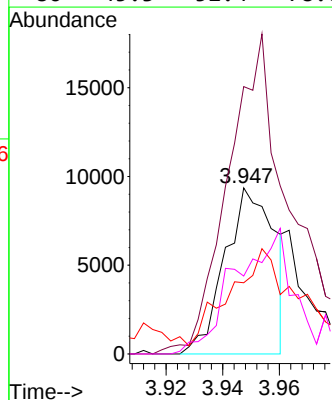
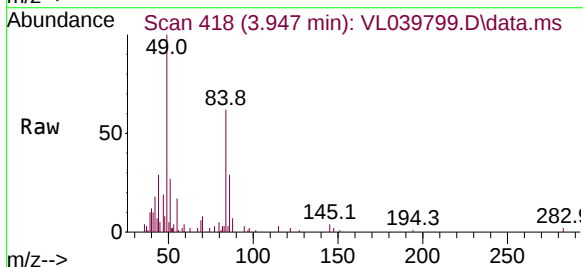
Instrument :
MSVOA_L
ClientSampleId :
HDL

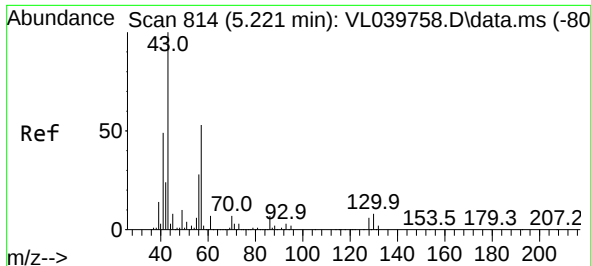
Tgt Ion: 43 Resp: 173898
Ion Ratio Lower Upper
43 100
58 34.6 20.7 31.1#



#20
Methylene Chloride
Concen: 0.297 ppbv
RT: 3.947 min Scan# 418
Delta R.T. -0.000 min
Lab File: VL039799.D
Acq: 25 Oct 2022 22:37

Tgt Ion: 84 Resp: 11297
Ion Ratio Lower Upper
84 100
49 155.5 126.0 189.0
51 28.4 40.9 61.3#
86 45.3 52.4 78.6#

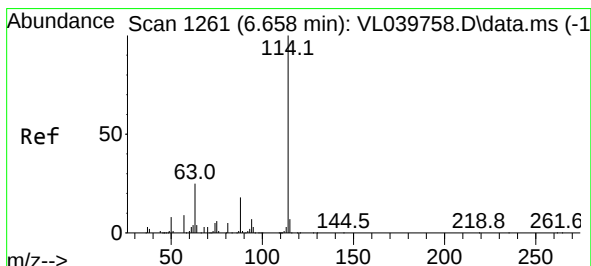
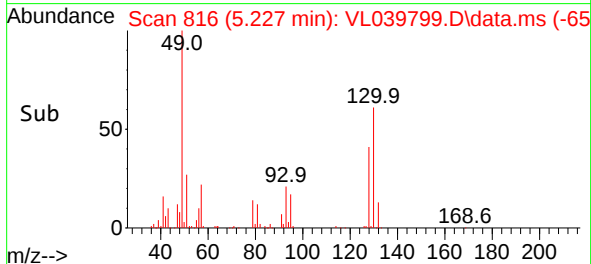
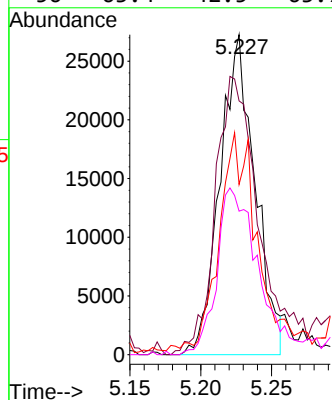
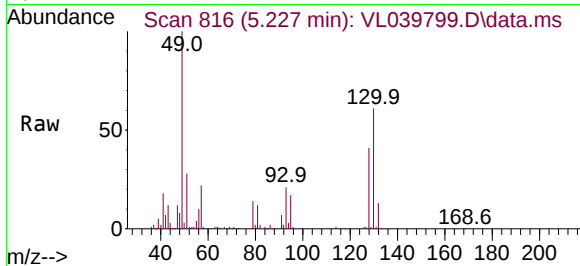




#26
Hexane
Concen: 0.575 ppbv
RT: 5.227 min Scan# 814
Delta R.T. 0.006 min
Lab File: VL039799.D
Acq: 25 Oct 2022 22:37

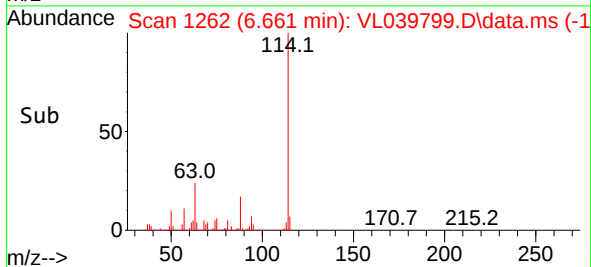
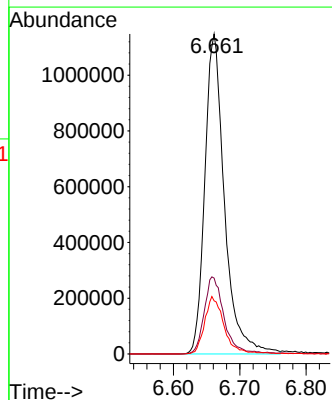
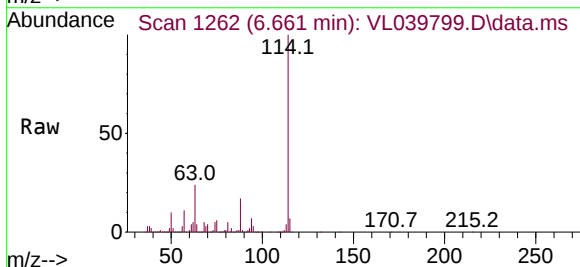
Instrument :
MSVOA_L
ClientSampleId :
HDL

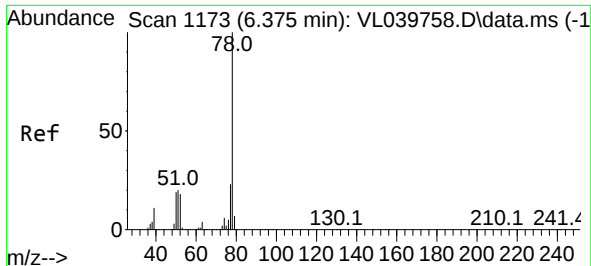
Tgt Ion: 57 Resp: 46824
Ion Ratio Lower Upper
57 100
41 108.5 76.1 114.1
43 79.7 197.1 295.7#
56 63.4 42.5 63.7



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VL039799.D
Acq: 25 Oct 2022 22:37

Tgt Ion: 114 Resp: 2361917
Ion Ratio Lower Upper
114 100
63 24.8 20.1 30.1
88 17.9 14.5 21.7

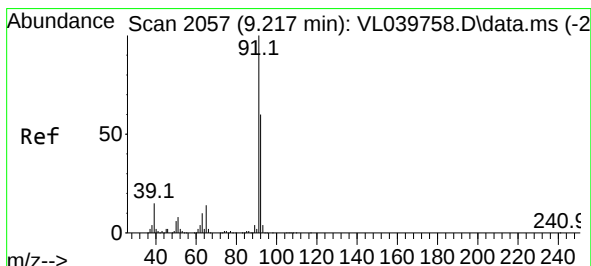
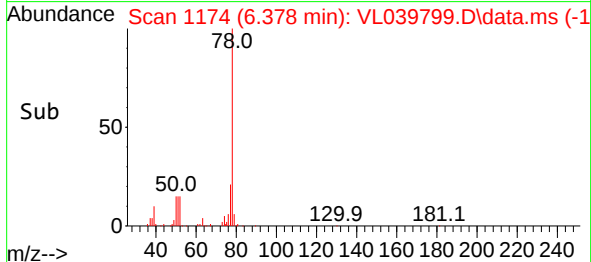
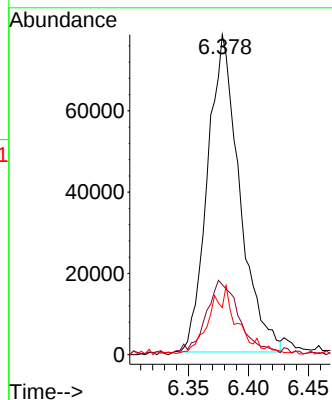
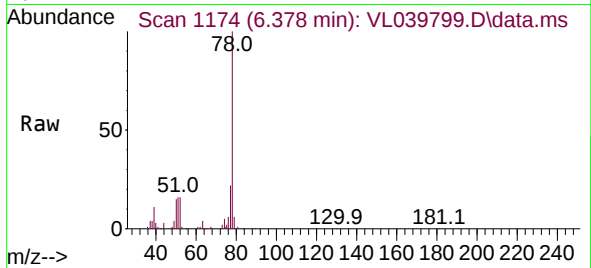




#36
Benzene
Concen: 0.799 ppbv
RT: 6.378 min Scan# 1173
Delta R.T. 0.003 min
Lab File: VL039799.D
Acq: 25 Oct 2022 22:37

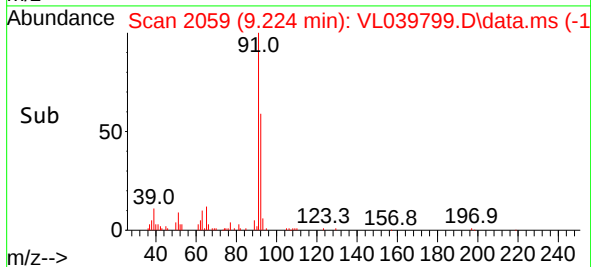
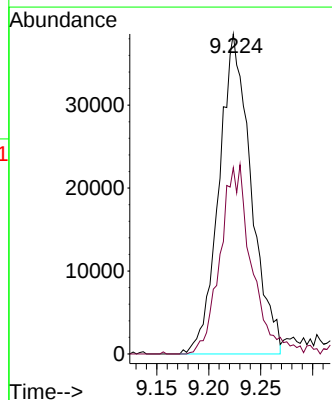
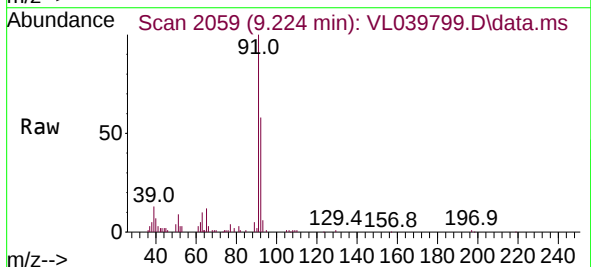
Instrument :
MSVOA_L
ClientSampleId :
HDL

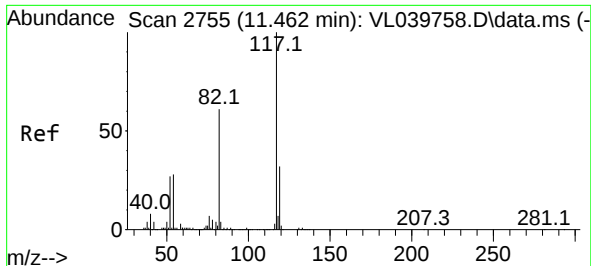
Tgt Ion: 78 Resp: 145270
Ion Ratio Lower Upper
78 100
77 21.7 18.3 27.5
50 14.3 15.2 22.8#



#53
Toluene
Concen: 0.436 ppbv
RT: 9.224 min Scan# 2059
Delta R.T. 0.007 min
Lab File: VL039799.D
Acq: 25 Oct 2022 22:37

Tgt Ion: 91 Resp: 83007
Ion Ratio Lower Upper
91 100
92 58.4 48.0 72.0

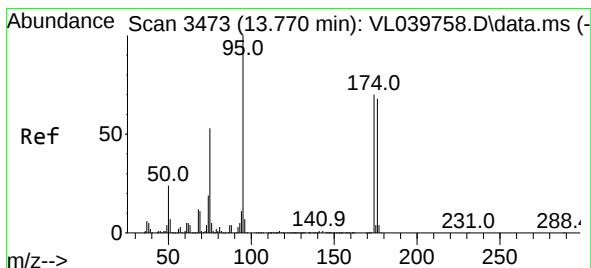
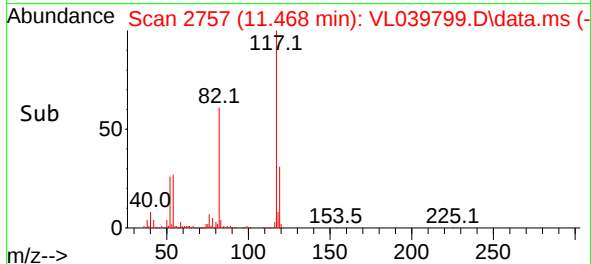
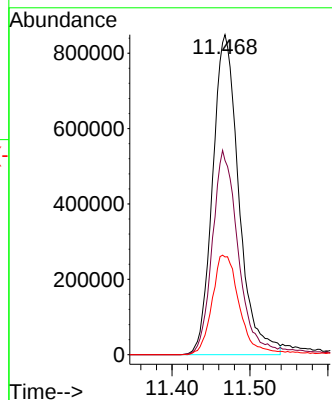
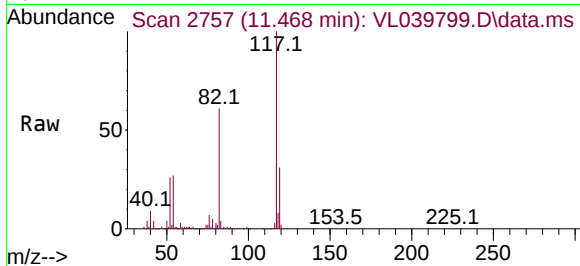




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL039799.D
Acq: 25 Oct 2022 22:37

Instrument :
MSVOA_L
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HDL

Tgt Ion:117 Resp: 1986112
Ion Ratio Lower Upper
117 100
82 65.2 49.9 74.9
119 33.5 25.2 37.8



#68
1-Bromo-4-Fluorobenzene
Concen: 9.891 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.006 min
Lab File: VL039799.D
Acq: 25 Oct 2022 22:37

Tgt Ion: 95 Resp: 1397434
Ion Ratio Lower Upper
95 100
174 75.7 57.3 85.9
175 5.3 4.2 6.2

