

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100422\
 Data File : VL039691.D
 Acq On : 4 Oct 2022 21:38
 Operator : SY/AP
 Sample : N4955-13 LOD 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2022

Quant Time: Oct 05 04:42:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

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

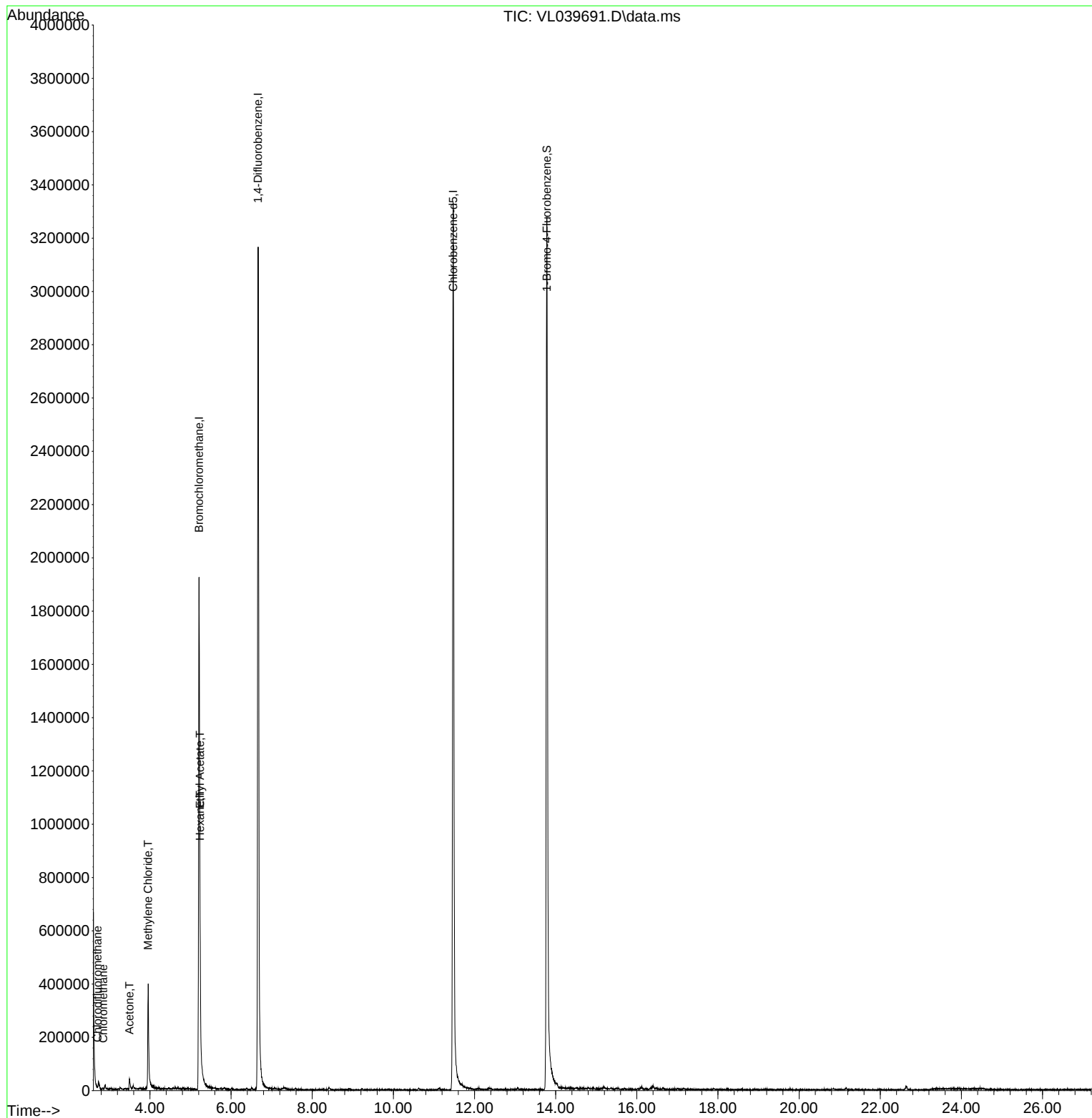
Internal Standards						
1) Bromochloromethane	5.211	49	955159	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2487905	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2170625	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1600823	9.879	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.703	51	8212	0.072	ppbv	97
4) Chloromethane	2.845	50	5093	0.074	ppbv	89
15) Acetone	3.497	43	35902	0.338	ppbv	92
20) Methylene Chloride	3.954	84	131148	2.669	ppbv	96
25) Ethyl Acetate	5.230	43	78394	0.338	ppbv #	77
26) Hexane	5.234	57	109405	1.112	ppbv #	38

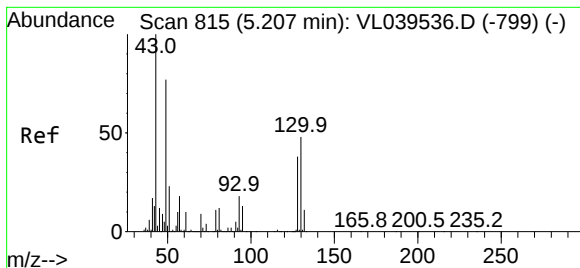
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100422\
Data File : VL039691.D
Acq On : 4 Oct 2022 21:38
Operator : SY/AP
Sample : N4955-13 LOD 0.45
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022

Quant Time: Oct 05 04:42:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Mon Sep 19 14:26:28 2022
Response via : Initial Calibration

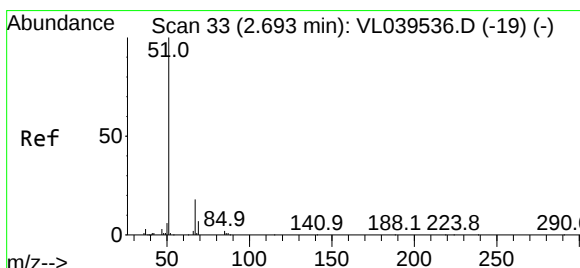
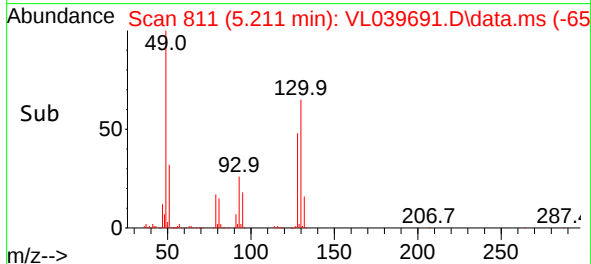
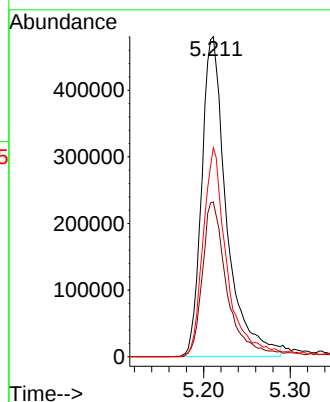
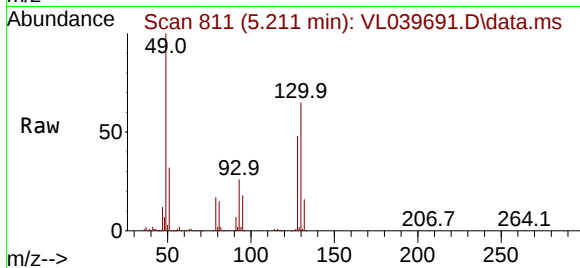




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. 0.004 min
Lab File: VL039691.D
Acq: 4 Oct 2022 21:38

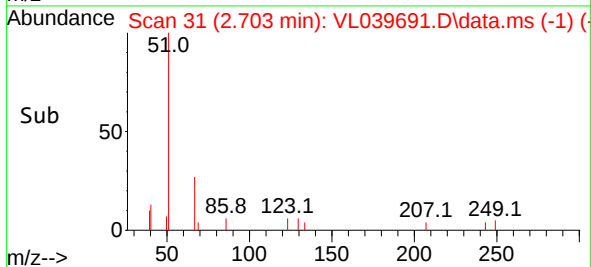
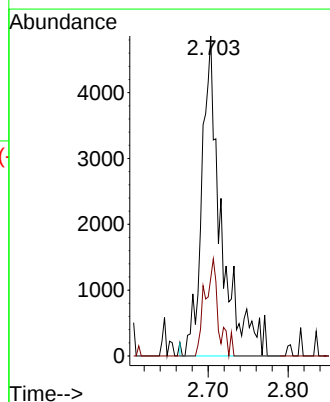
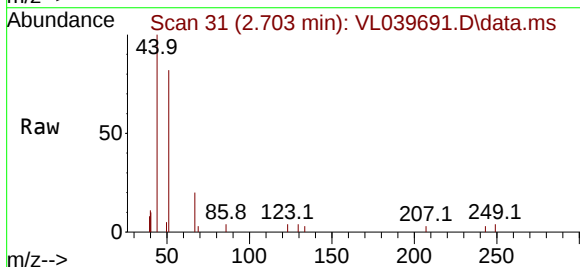
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022

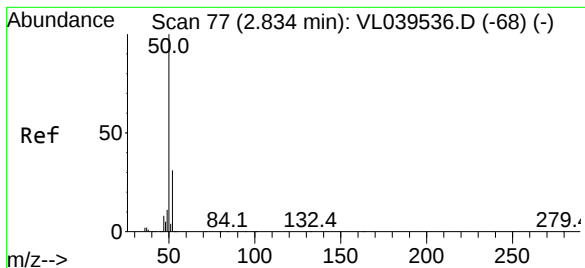
Tgt Ion: 49 Resp: 955159
Ion Ratio Lower Upper
49 100
128 50.3 26.7 80.0
130 65.3 34.3 102.8



#3
Chlorodifluoromethane
Concen: 0.072 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039691.D
Acq: 4 Oct 2022 21:38

Tgt Ion: 51 Resp: 8212
Ion Ratio Lower Upper
51 100
67 21.0 15.7 23.5

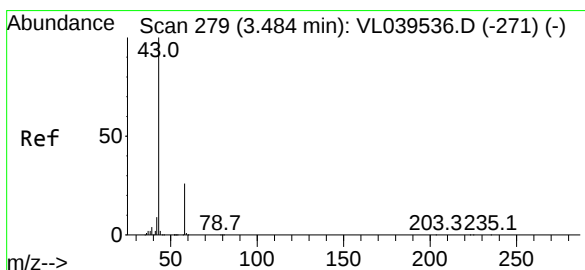
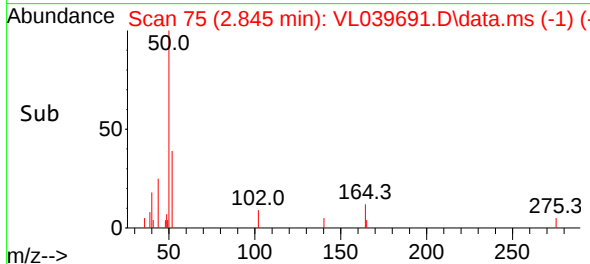
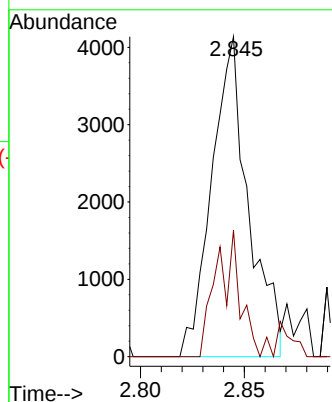
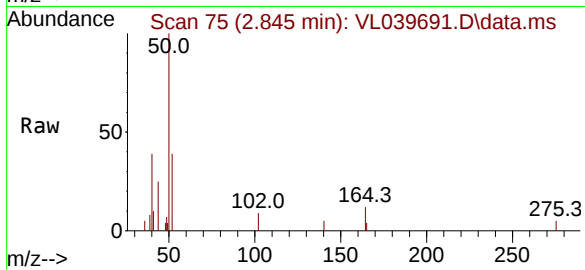




#4
Chloromethane
Concen: 0.074 ppbv
RT: 2.845 min Scan# 71
Delta R.T. 0.010 min
Lab File: VL039691.D
Acq: 4 Oct 2022 21:38

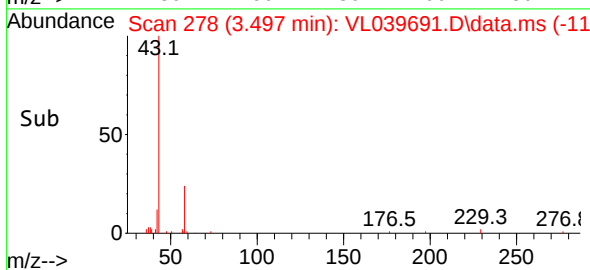
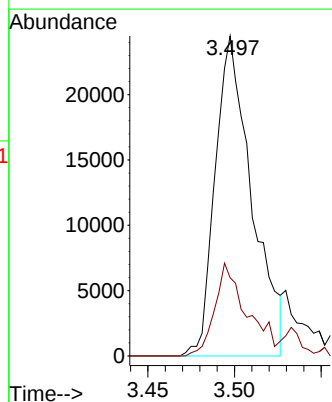
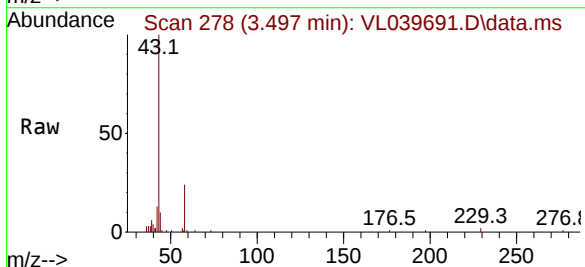
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022

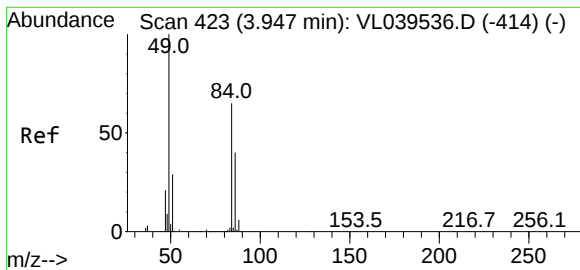
Tgt Ion: 50 Resp: 5093
Ion Ratio Lower Upper
50 100
52 39.5 26.5 39.7



#15
Acetone
Concen: 0.338 ppbv
RT: 3.497 min Scan# 278
Delta R.T. 0.014 min
Lab File: VL039691.D
Acq: 4 Oct 2022 21:38

Tgt Ion: 43 Resp: 35902
Ion Ratio Lower Upper
43 100
58 30.3 21.0 31.6

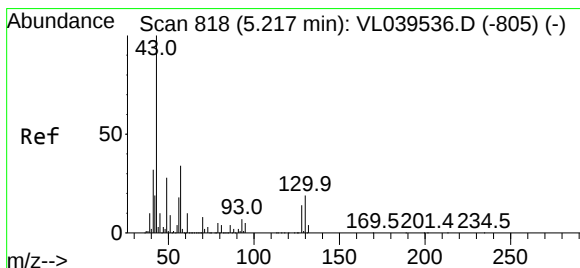
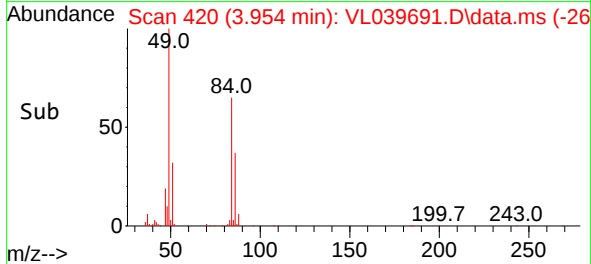
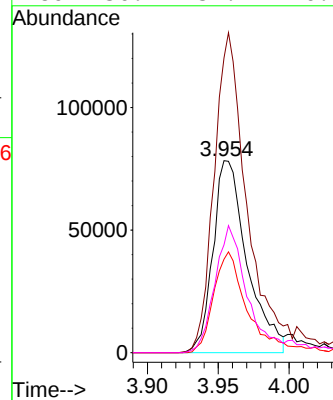
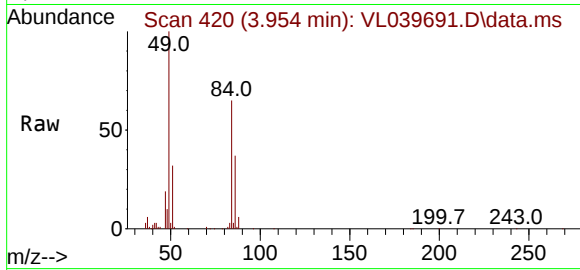




#20
Methylene Chloride
Concen: 2.669 ppbv
RT: 3.954 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL039691.D
Acq: 4 Oct 2022 21:38

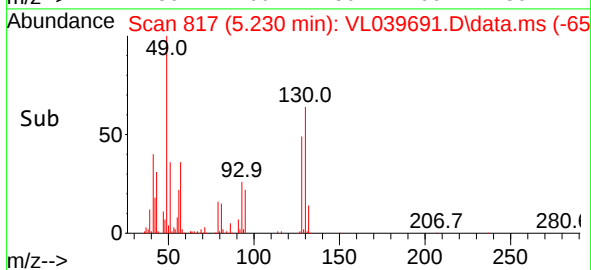
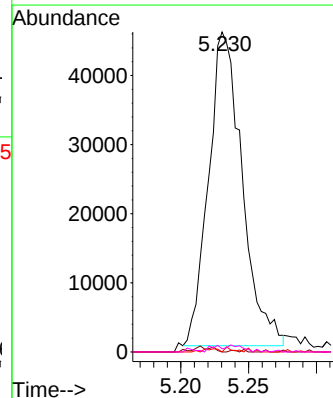
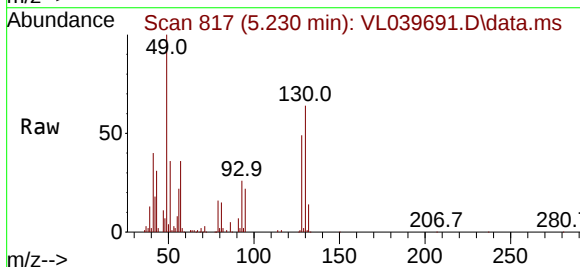
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022

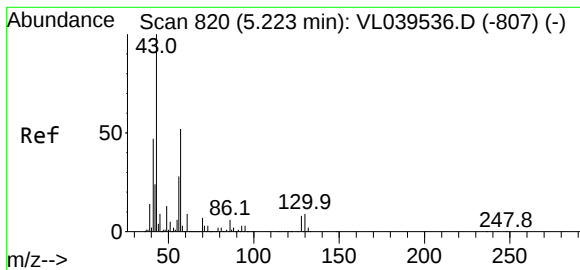
Tgt Ion:	84	Resp:	131148
Ion	Ratio	Lower	Upper
84	100		
49	153.1	123.1	184.7
51	48.7	34.4	51.6
86	56.2	51.1	76.7



#25
Ethyl Acetate
Concen: 0.338 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.014 min
Lab File: VL039691.D
Acq: 4 Oct 2022 21:38

Tgt Ion:	43	Resp:	78394
Ion	Ratio	Lower	Upper
43	100		
45	1.2	8.2	12.4#
61	0.4	8.3	12.5#
70	2.4	5.9	8.9#

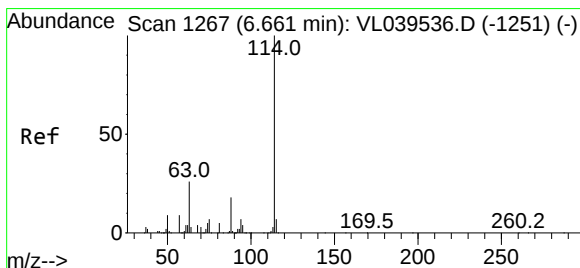
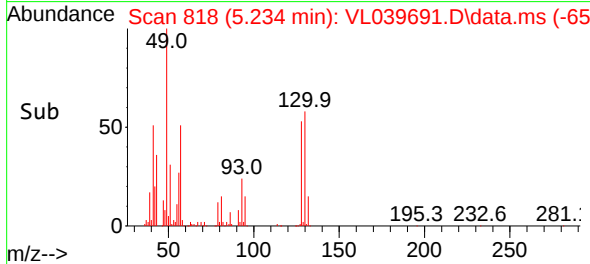
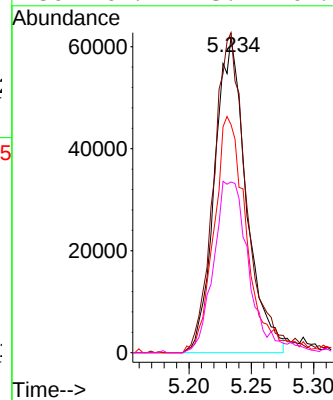
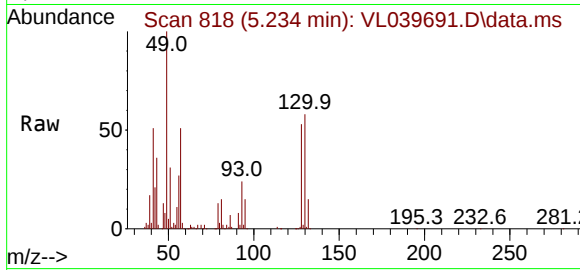




#26
Hexane
Concen: 1.112 ppbv
RT: 5.234 min Scan# 818
Delta R.T. 0.010 min
Lab File: VL039691.D
Acq: 4 Oct 2022 21:38

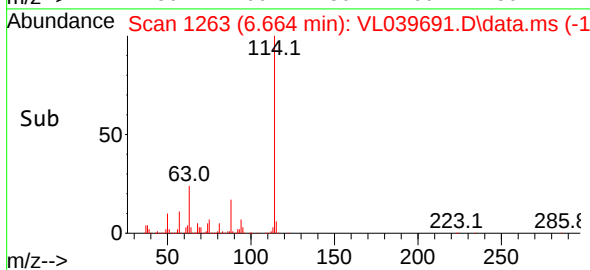
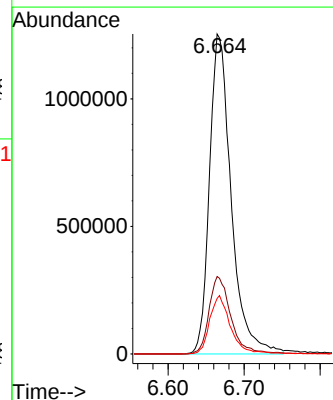
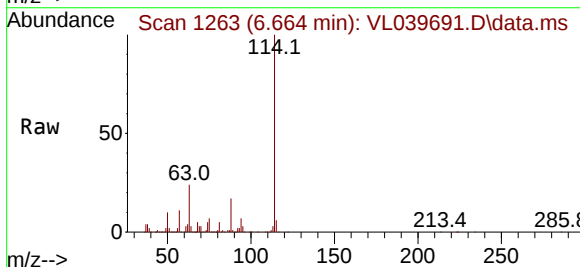
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022

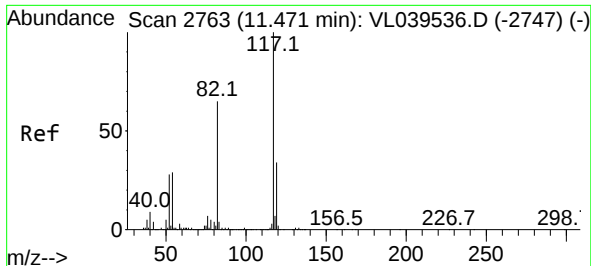
Tgt Ion: 57 Resp: 109405
Ion Ratio Lower Upper
57 100
41 108.7 76.9 115.3
43 79.7 191.0 286.6#
56 61.7 43.2 64.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 1263
Delta R.T. 0.004 min
Lab File: VL039691.D
Acq: 4 Oct 2022 21:38

Tgt Ion: 114 Resp: 2487905
Ion Ratio Lower Upper
114 100
63 24.7 20.2 30.4
88 17.7 14.5 21.7

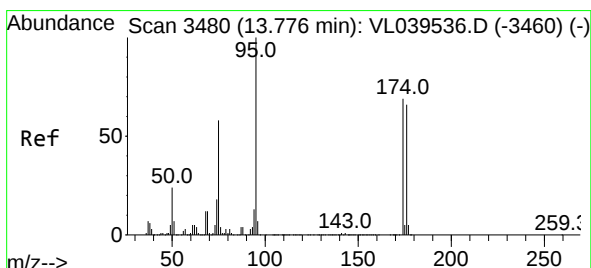
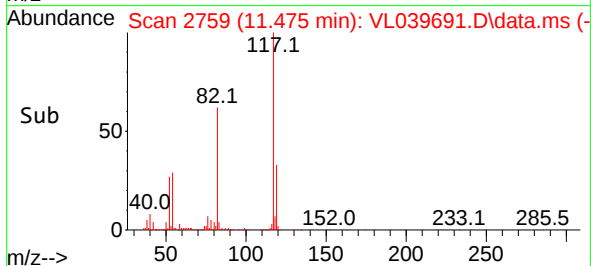
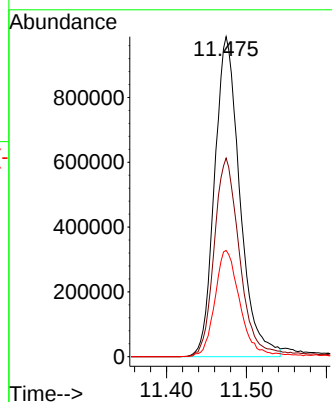
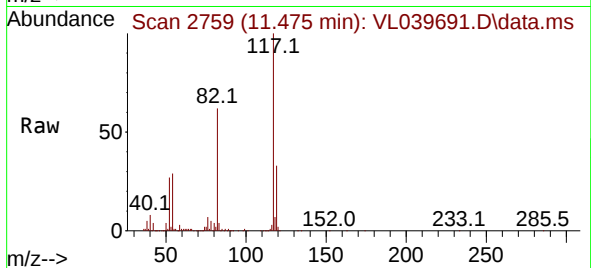




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 21
Delta R.T. 0.004 min
Lab File: VL039691.D
Acq: 4 Oct 2022 21:38

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022

Tgt Ion:117 Resp: 2170625
Ion Ratio Lower Upper
117 100
82 64.1 50.8 76.2
119 33.8 24.1 36.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.879 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. 0.007 min
Lab File: VL039691.D
Acq: 4 Oct 2022 21:38

Tgt Ion: 95 Resp: 1600823
Ion Ratio Lower Upper
95 100
174 74.2 55.9 83.9
175 5.5 4.2 6.4

