

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121222\
 Data File : VL039988.D
 Acq On : 12 Dec 2022 23:03
 Operator : SY/MD
 Sample : N5971-08DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2DL

Quant Time: Dec 13 07:10:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Dec 02 23:21:36 2022
 Response via : Initial Calibration

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

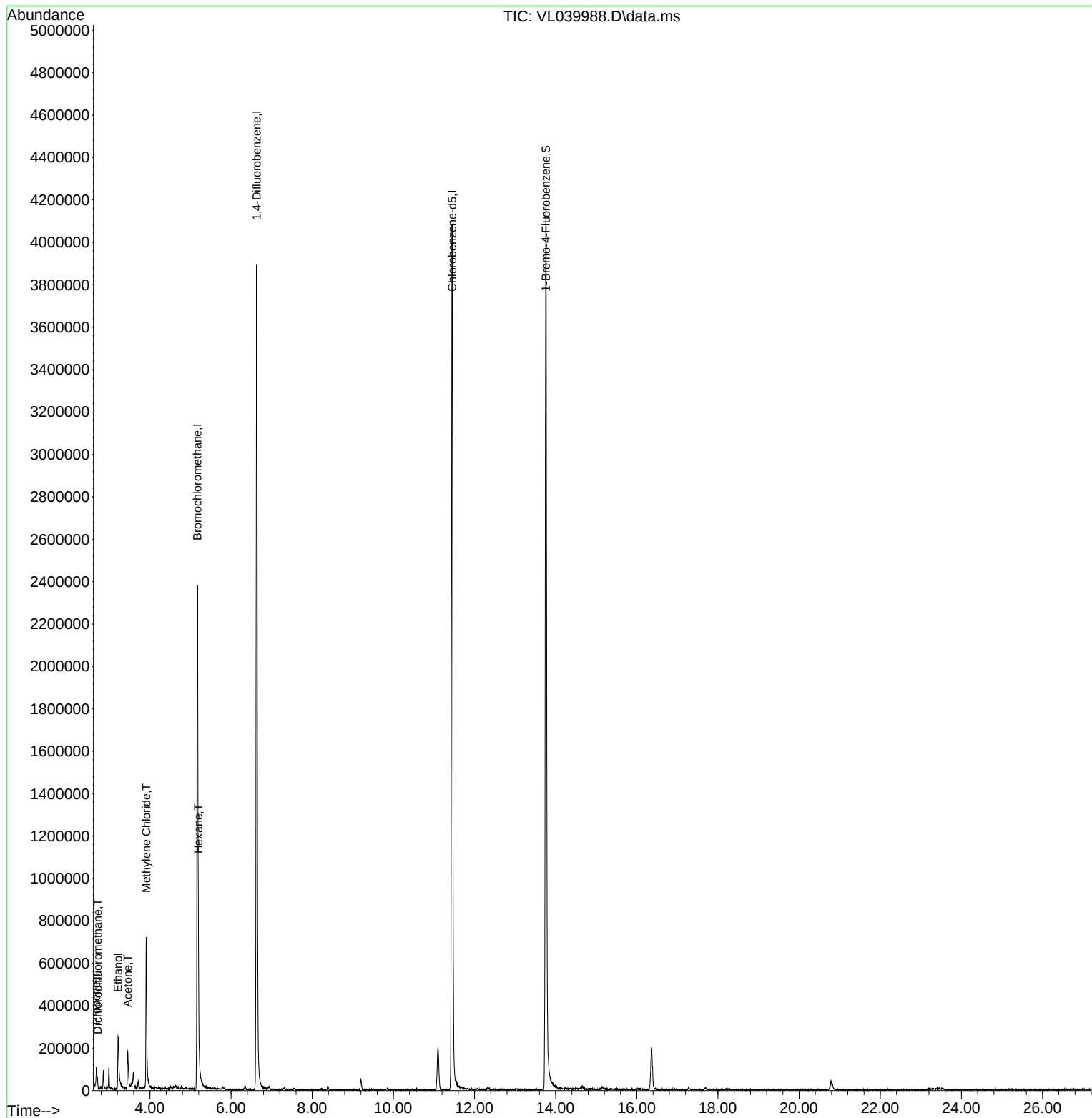
Internal Standards						
1) Bromochloromethane	5.169	49	1116883	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.632	114	2874426	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.446	117	2592567	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	2100827	10.609	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.710	85	25098	0.157	ppbv #	85
9) Propene	2.677	41	29808	0.411	ppbv #	81
13) Ethanol	3.214	45	286307	51.654	ppbv	100
15) Acetone	3.452	43	174690	1.179	ppbv	99
20) Methylene Chloride	3.912	84	247224	3.445	ppbv	93
26) Hexane	5.192	57	134452	1.132	ppbv #	38

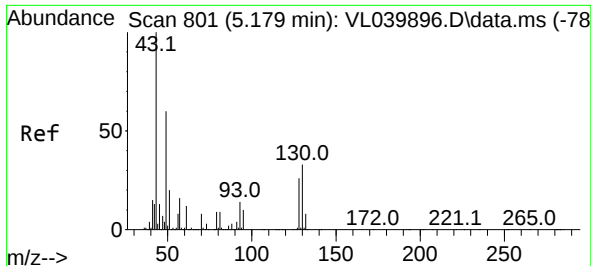
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121222\
Data File : VL039988.D
Acq On : 12 Dec 2022 23:03
Operator : SY/MD
Sample : N5971-08DL 5X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Quant Time: Dec 13 07:10:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Fri Dec 02 23:21:36 2022
Response via : Initial Calibration

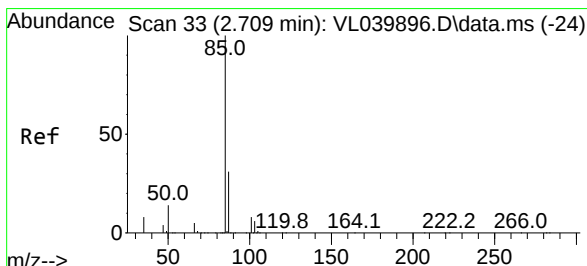
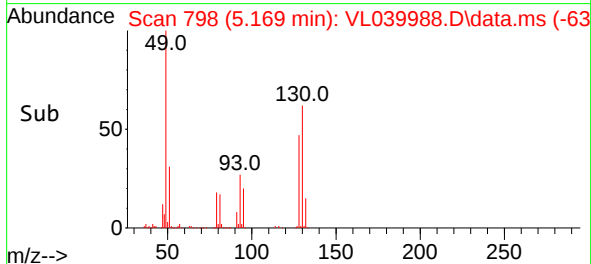
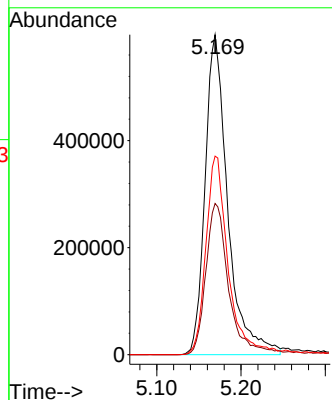
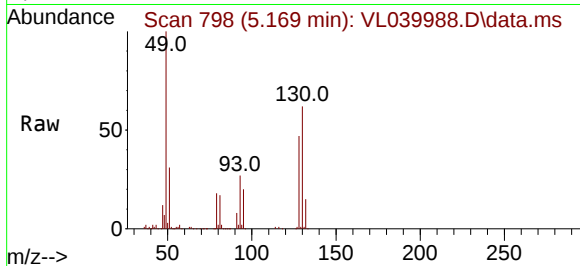




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.169 min Scan# 79
 Delta R.T. 0.013 min
 Lab File: VL039988.D
 Acq: 12 Dec 2022 23:03

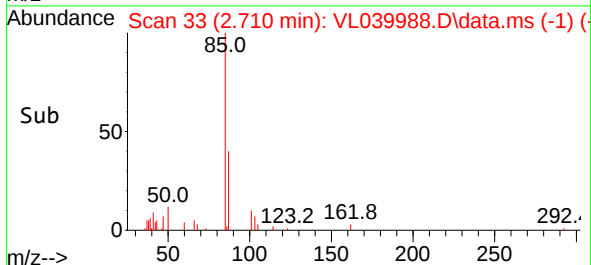
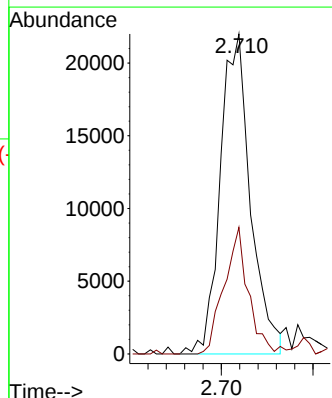
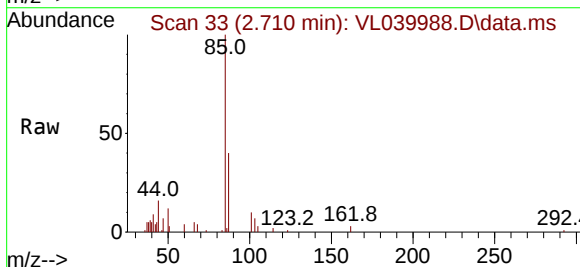
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2DL

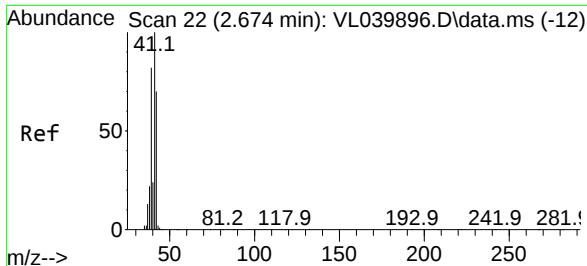
Tgt Ion: 49 Resp: 1116883
 Ion Ratio Lower Upper
 49 100
 128 49.3 22.1 66.3
 130 62.6 27.7 83.1



#2
 Dichlorodifluoromethane
 Concen: 0.157 ppbv
 RT: 2.710 min Scan# 33
 Delta R.T. 0.013 min
 Lab File: VL039988.D
 Acq: 12 Dec 2022 23:03

Tgt Ion: 85 Resp: 25098
 Ion Ratio Lower Upper
 85 100
 87 39.5 25.0 37.4#

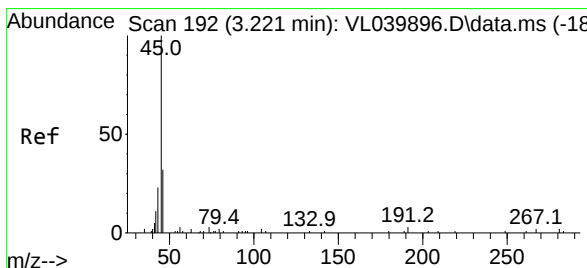
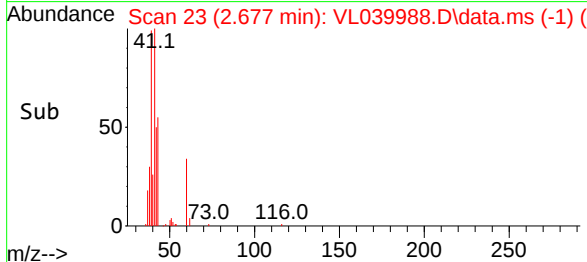
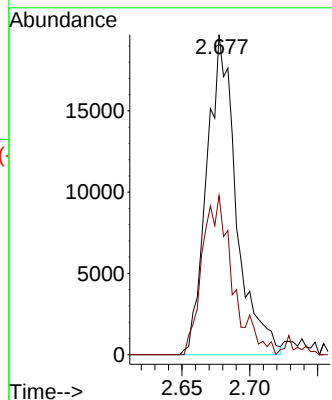
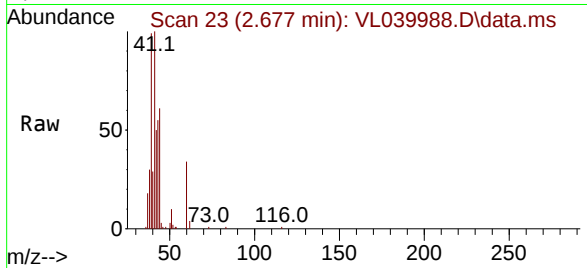




#9
 Propene
 Concen: 0.411 ppbv
 RT: 2.677 min Scan# 21
 Delta R.T. 0.016 min
 Lab File: VL039988.D
 Acq: 12 Dec 2022 23:03

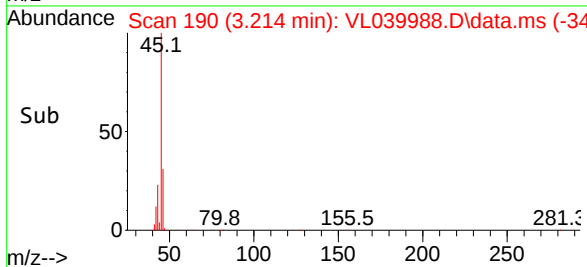
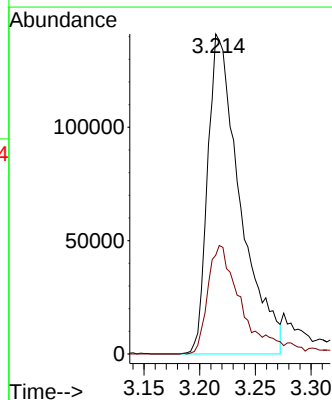
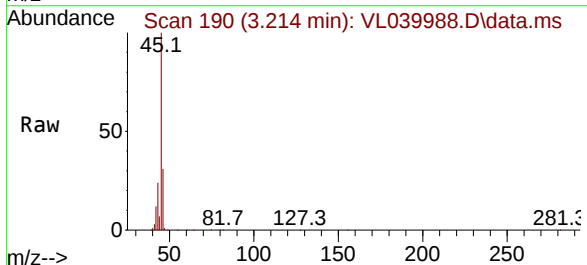
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2DL

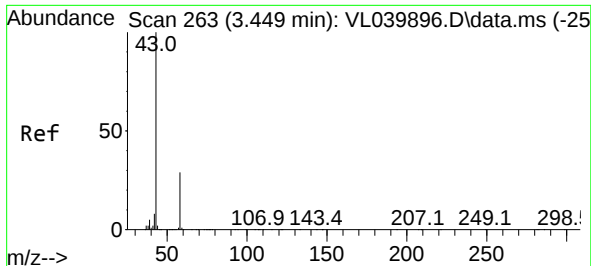
Tgt Ion: 41 Resp: 29808
 Ion Ratio Lower Upper
 41 100
 42 54.5 55.8 83.6#



#13
 Ethanol
 Concen: 51.654 ppbv
 RT: 3.214 min Scan# 190
 Delta R.T. 0.000 min
 Lab File: VL039988.D
 Acq: 12 Dec 2022 23:03

Tgt Ion: 45 Resp: 286307
 Ion Ratio Lower Upper
 45 100
 46 36.5 14.6 58.2

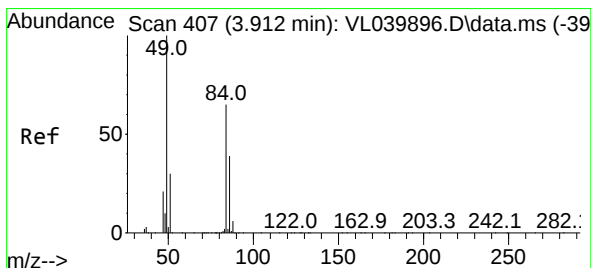
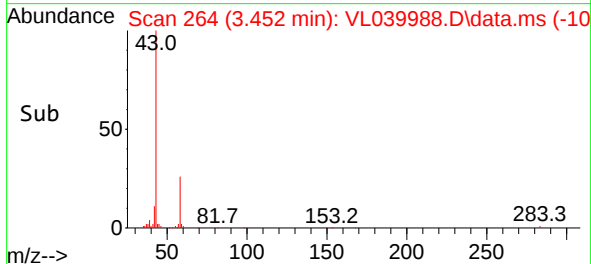
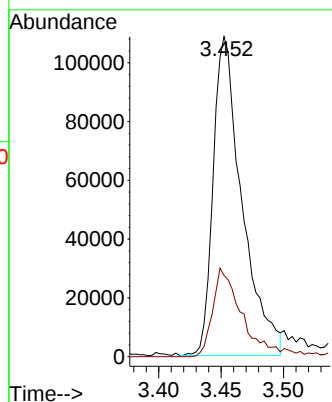
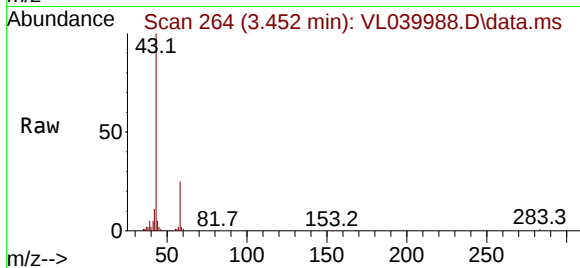




#15
Acetone
Concen: 1.179 ppbv
RT: 3.452 min Scan# 20
Delta R.T. 0.019 min
Lab File: VL039988.D
Acq: 12 Dec 2022 23:03

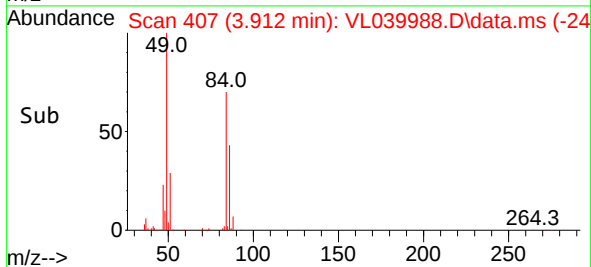
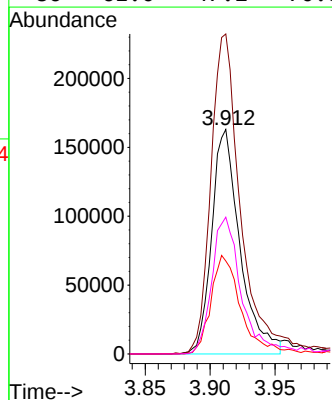
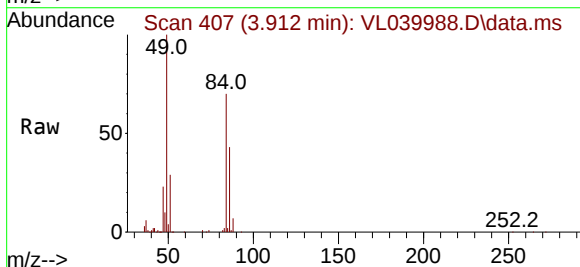
Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

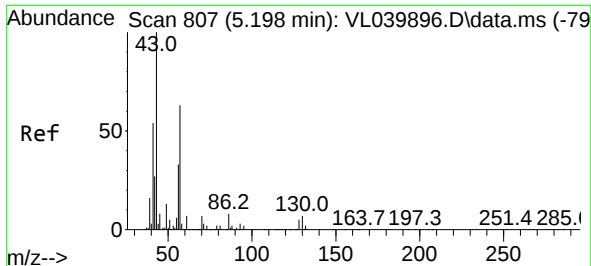
Tgt Ion: 43 Resp: 174690
Ion Ratio Lower Upper
43 100
58 29.0 22.9 34.3



#20
Methylene Chloride
Concen: 3.445 ppbv
RT: 3.912 min Scan# 407
Delta R.T. 0.016 min
Lab File: VL039988.D
Acq: 12 Dec 2022 23:03

Tgt Ion: 84 Resp: 247224
Ion Ratio Lower Upper
84 100
49 142.3 122.2 183.4
51 41.2 36.3 54.5
86 61.0 47.2 70.8

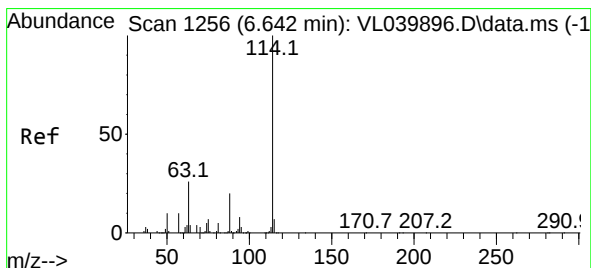
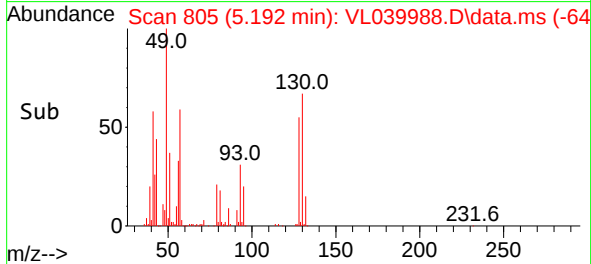
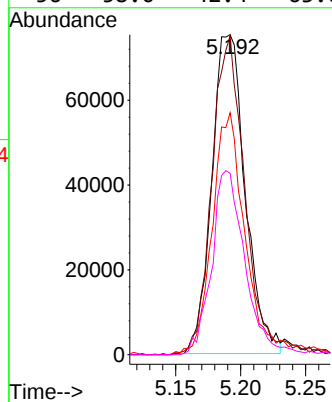
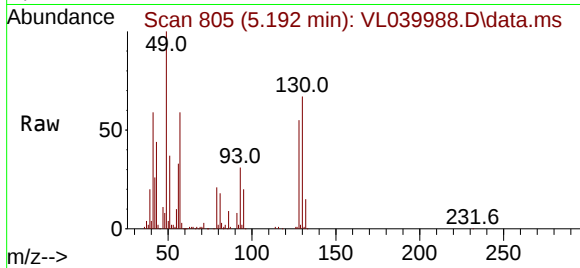




#26
Hexane
Concen: 1.132 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.016 min
Lab File: VL039988.D
Acq: 12 Dec 2022 23:03

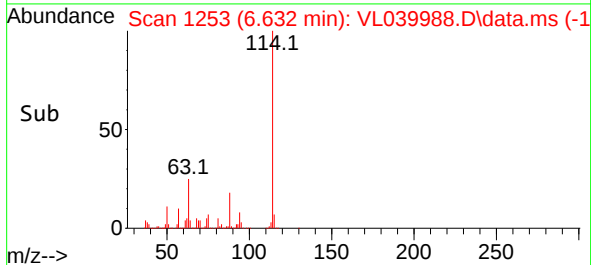
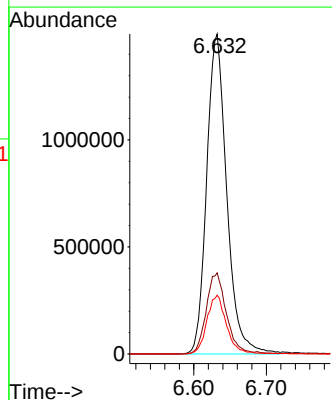
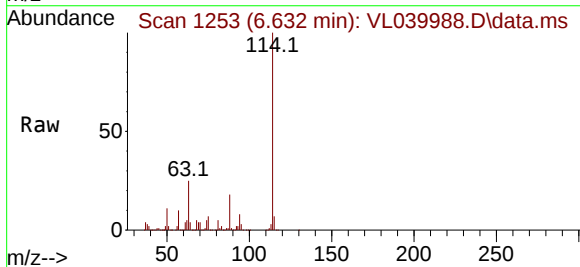
Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

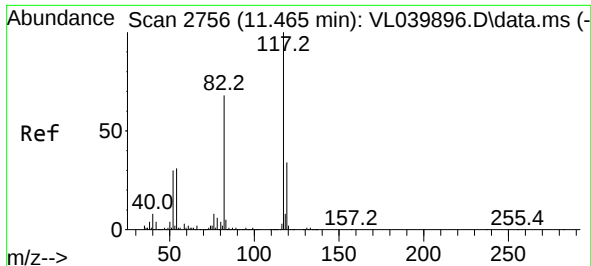
Tgt Ion: 57 Resp: 134452
Ion Ratio Lower Upper
57 100
41 100.7 72.3 108.5
43 77.3 188.7 283.1#
56 58.0 42.4 63.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.632 min Scan# 1253
Delta R.T. 0.013 min
Lab File: VL039988.D
Acq: 12 Dec 2022 23:03

Tgt Ion: 114 Resp: 2874426
Ion Ratio Lower Upper
114 100
63 25.8 21.4 32.0
88 18.1 15.3 22.9

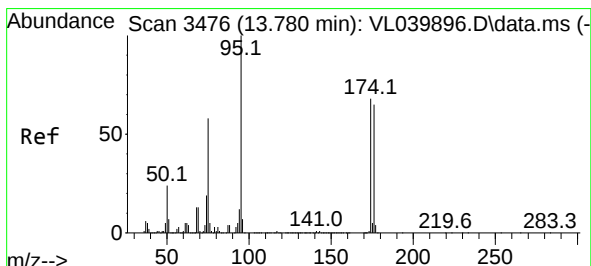
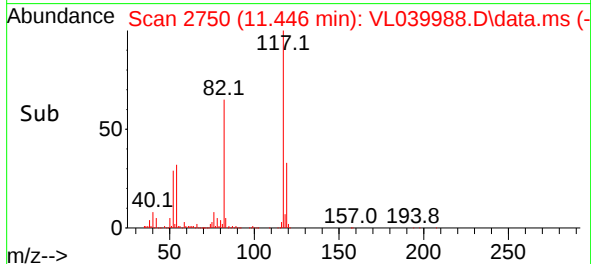
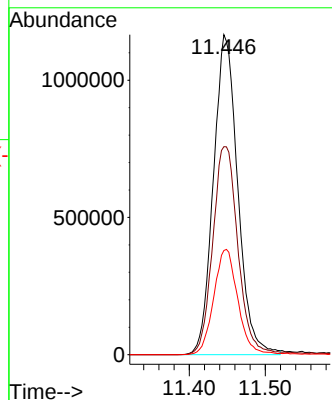
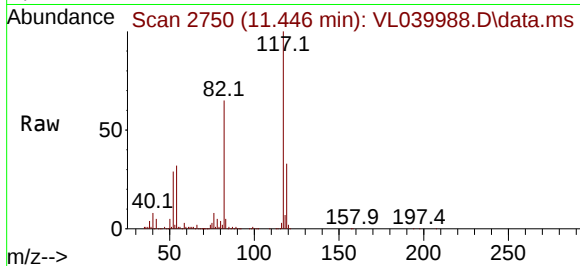




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL039988.D
Acq: 12 Dec 2022 23:03

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Tgt Ion:117 Resp: 2592567
Ion Ratio Lower Upper
117 100
82 67.7 52.3 78.5
119 33.0 25.7 38.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.609 ppbv
RT: 13.761 min Scan# 3470
Delta R.T. 0.019 min
Lab File: VL039988.D
Acq: 12 Dec 2022 23:03

Tgt Ion: 95 Resp: 2100827
Ion Ratio Lower Upper
95 100
174 61.1 53.7 80.5
175 4.4 4.0 6.0

