

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112222\
 Data File : VL039929.D
 Acq On : 22 Nov 2022 23:27
 Operator : SY/AP
 Sample : N5767-05DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Quant Time: Nov 23 04:53:06 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 : Tue Nov 22 03:45:31 2022
 Response via : Initial Calibration

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

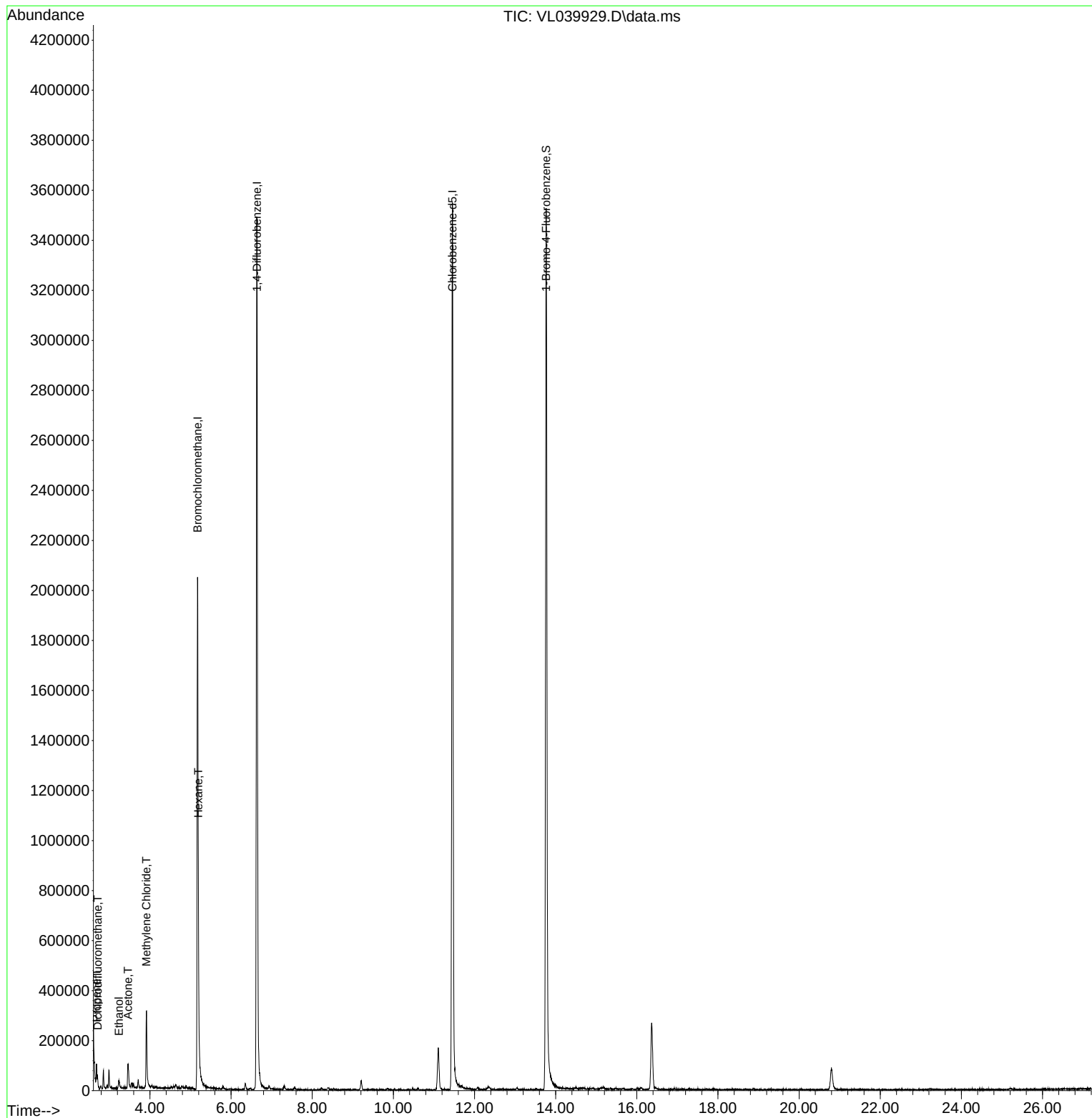
Internal Standards						
1) Bromochloromethane	5.172	49	962140	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.635	114	2647871	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.455	117	2320403	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1832171	10.338	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.709	85	26599	0.193	ppbv #	79
9) Propene	2.681	41	18650	0.298	ppbv	86
13) Ethanol	3.234	45	31175	6.529	ppbv	88
15) Acetone	3.459	43	96129	0.753	ppbv	98
20) Methylene Chloride	3.915	84	106899	1.729	ppbv	92
26) Hexane	5.192	57	73079	0.714	ppbv #	40

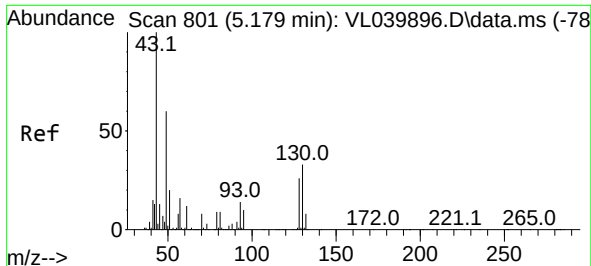
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.172 min Scan# 79

Delta R.T. 0.016 min

Lab File: VL039929.D

Acq: 22 Nov 2022 23:27

Instrument :

MSVOA_L

ClientSampleId :

OA1DL

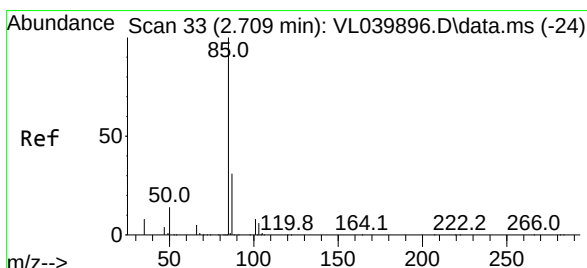
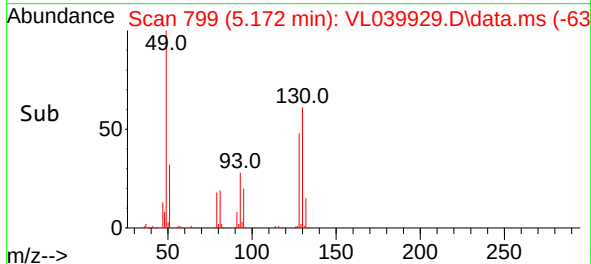
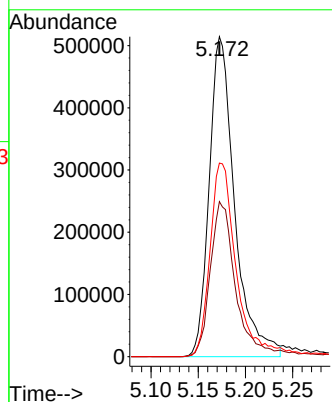
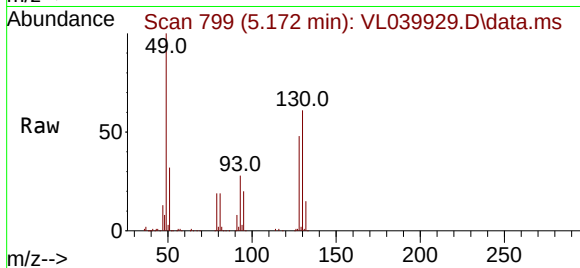
Tgt Ion: 49 Resp: 962140

Ion Ratio Lower Upper

49 100

128 49.8 22.1 66.3

130 64.6 27.7 83.1



#2

Dichlorodifluoromethane

Concen: 0.193 ppbv

RT: 2.709 min Scan# 33

Delta R.T. 0.013 min

Lab File: VL039929.D

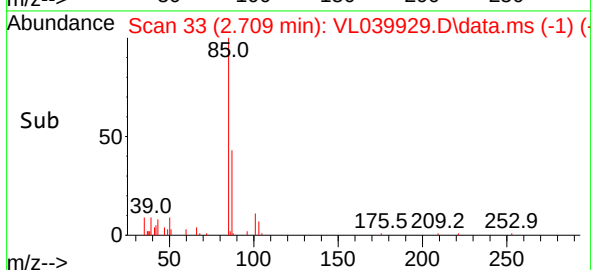
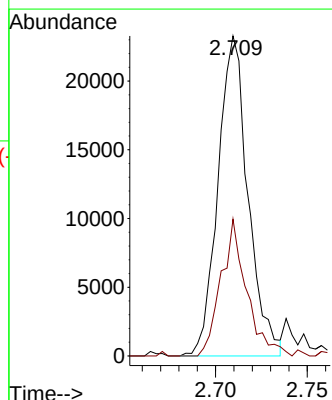
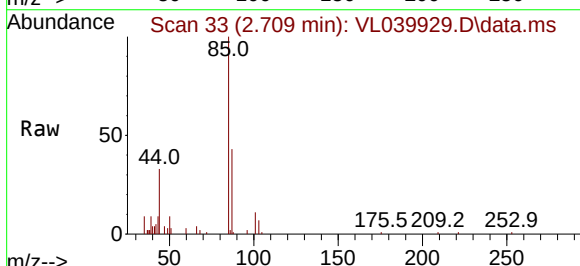
Acq: 22 Nov 2022 23:27

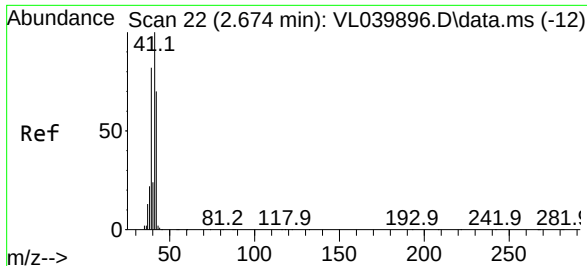
Tgt Ion: 85 Resp: 26599

Ion Ratio Lower Upper

85 100

87 42.8 25.0 37.4#

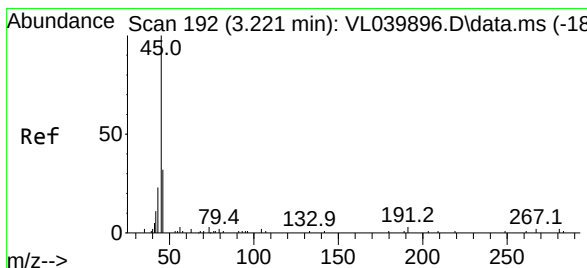
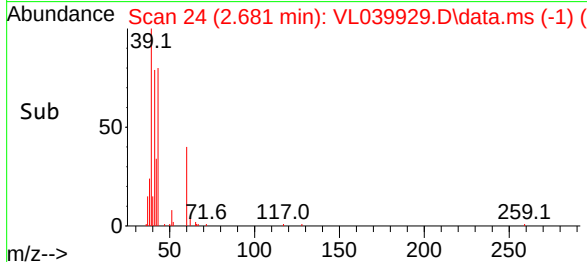
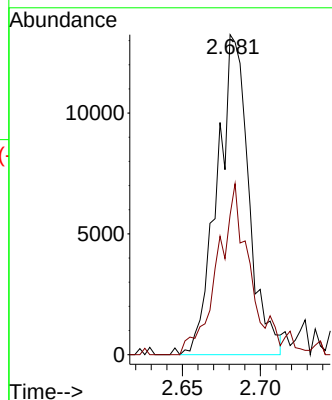
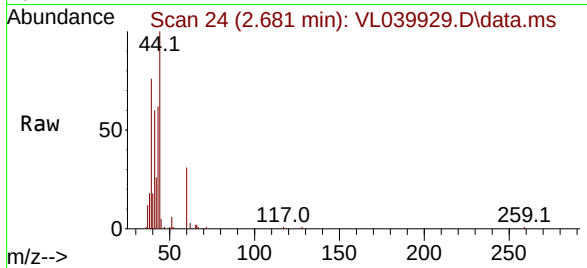




#9
 Propene
 Concen: 0.298 ppbv
 RT: 2.681 min Scan# 24
 Delta R.T. 0.019 min
 Lab File: VL039929.D
 Acq: 22 Nov 2022 23:27

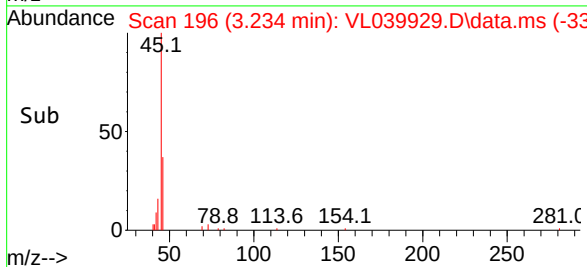
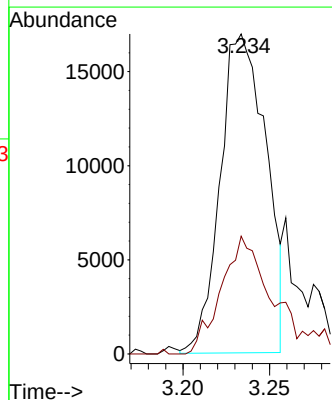
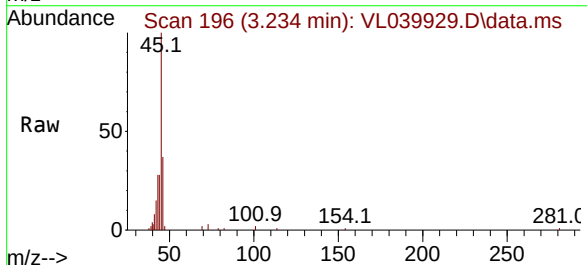
Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

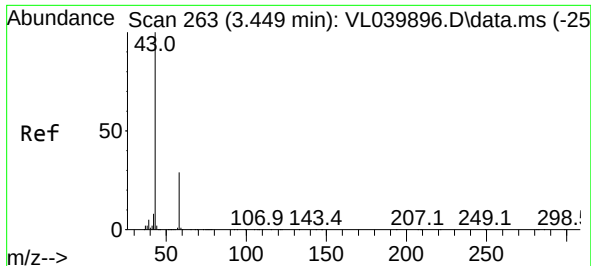
Tgt Ion: 41 Resp: 18650
 Ion Ratio Lower Upper
 41 100
 42 57.9 55.8 83.6



#13
 Ethanol
 Concen: 6.529 ppbv
 RT: 3.234 min Scan# 196
 Delta R.T. 0.026 min
 Lab File: VL039929.D
 Acq: 22 Nov 2022 23:27

Tgt Ion: 45 Resp: 31175
 Ion Ratio Lower Upper
 45 100
 46 43.7 14.6 58.2

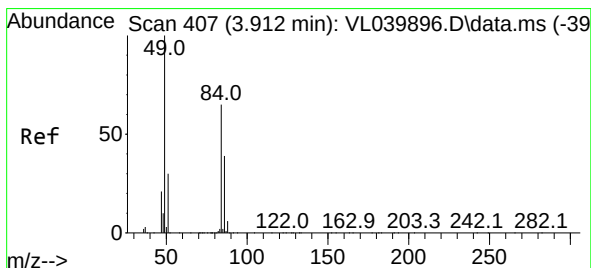
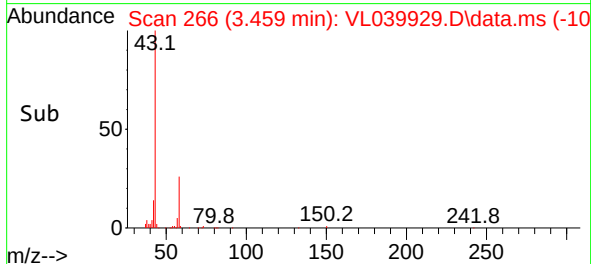
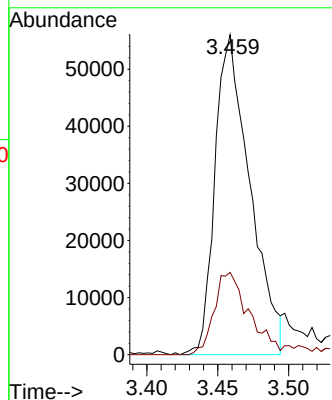
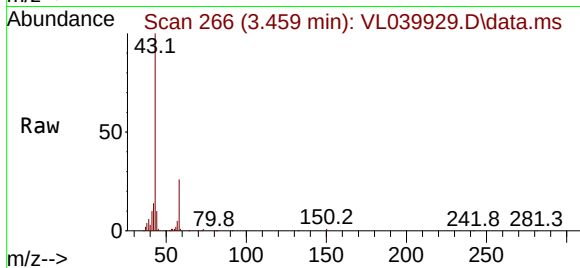




#15
Acetone
Concen: 0.753 ppbv
RT: 3.459 min Scan# 20
Delta R.T. 0.026 min
Lab File: VL039929.D
Acq: 22 Nov 2022 23:27

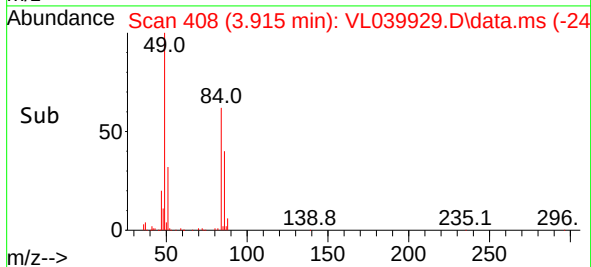
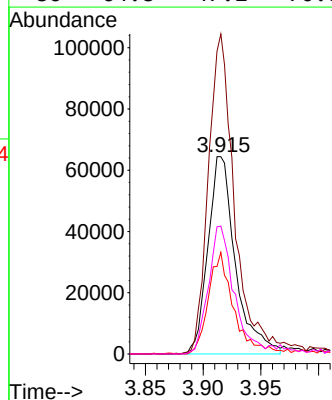
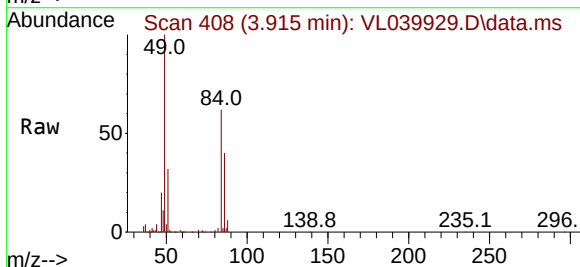
Instrument :
MSVOA_L
ClientSampleId :
OA1DL

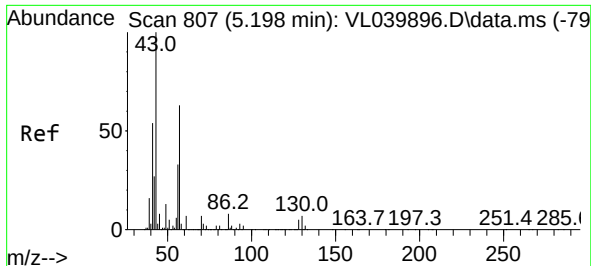
Tgt Ion: 43 Resp: 96129
Ion Ratio Lower Upper
43 100
58 29.4 22.9 34.3



#20
Methylene Chloride
Concen: 1.729 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.016 min
Lab File: VL039929.D
Acq: 22 Nov 2022 23:27

Tgt Ion: 84 Resp: 106899
Ion Ratio Lower Upper
84 100
49 162.1 122.2 183.4
51 51.5 36.3 54.5
86 64.8 47.2 70.8

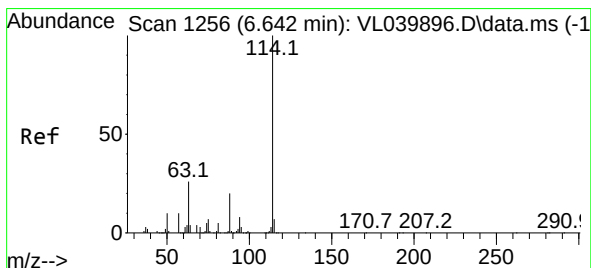
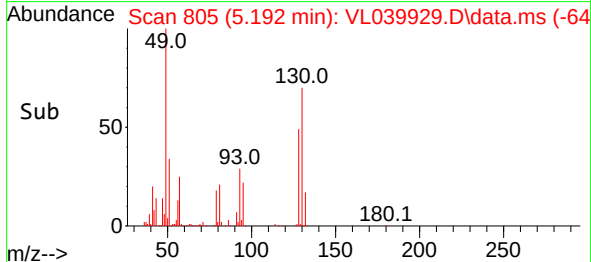
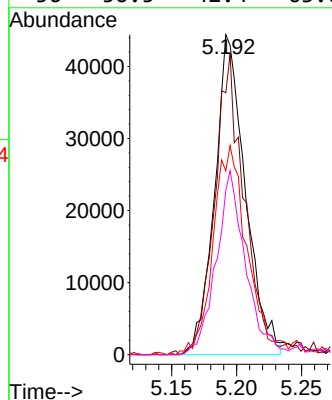
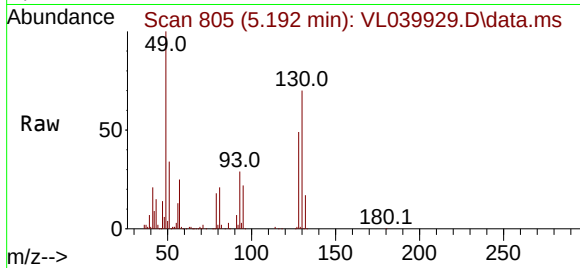




#26
Hexane
Concen: 0.714 ppbv
RT: 5.192 min Scan# 807
Delta R.T. 0.010 min
Lab File: VL039929.D
Acq: 22 Nov 2022 23:27

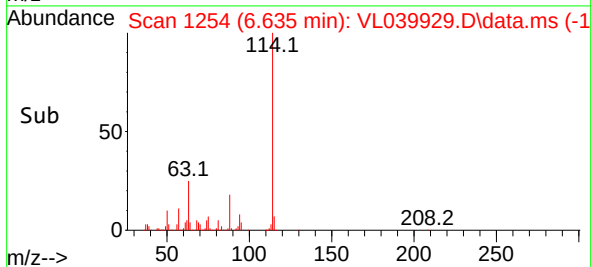
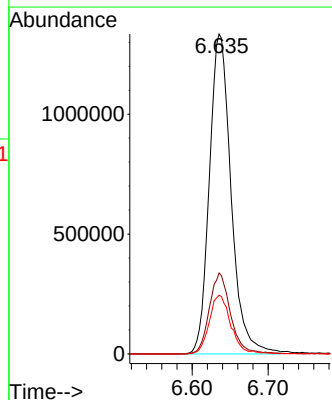
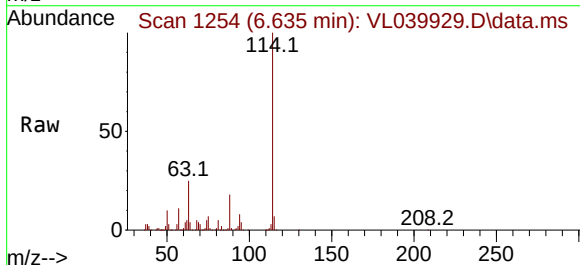
Instrument :
MSVOA_L
ClientSampleId :
OA1DL

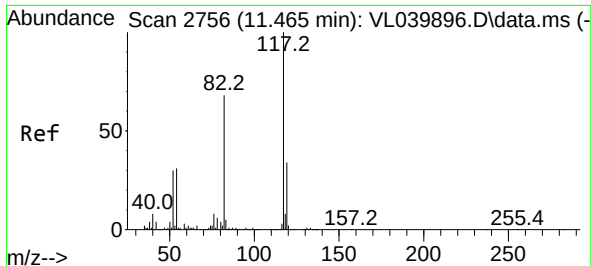
Tgt Ion: 57	Resp: 73079
Ion Ratio	Lower Upper
57 100	
41 92.8	72.3 108.5
43 76.4	188.7 283.1#
56 56.5	42.4 63.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.635 min Scan# 1254
Delta R.T. 0.016 min
Lab File: VL039929.D
Acq: 22 Nov 2022 23:27

Tgt Ion:114	Resp: 2647871
Ion Ratio	Lower Upper
114 100	
63 24.9	21.4 32.0
88 18.4	15.3 22.9

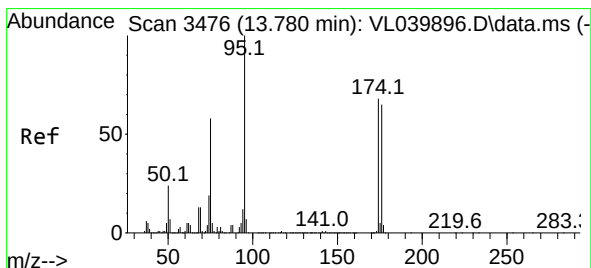
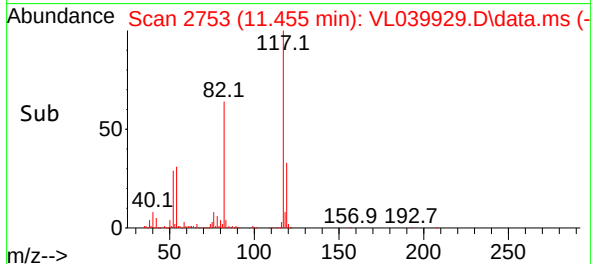
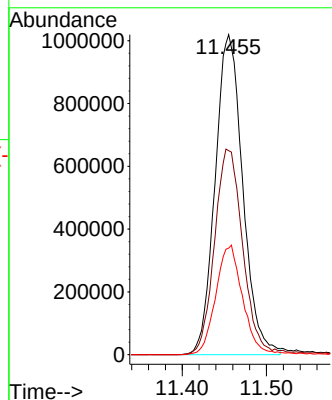
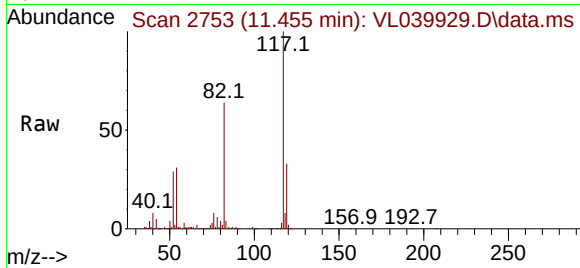




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL039929.D
Acq: 22 Nov 2022 23:27

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion:117 Resp: 2320403
Ion Ratio Lower Upper
117 100
82 66.4 52.3 78.5
119 33.9 25.7 38.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.338 ppbv
RT: 13.764 min Scan# 3471
Delta R.T. 0.010 min
Lab File: VL039929.D
Acq: 22 Nov 2022 23:27

Tgt Ion: 95 Resp: 1832171
Ion Ratio Lower Upper
95 100
174 61.8 53.7 80.5
175 4.5 4.0 6.0

