

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111022\
 Data File : VL039870.D
 Acq On : 10 Nov 2022 19:14
 Operator : SY/AP
 Sample : N5579-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 11 05:02:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 03 09:27:12 2022
 Response via : Initial Calibration

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

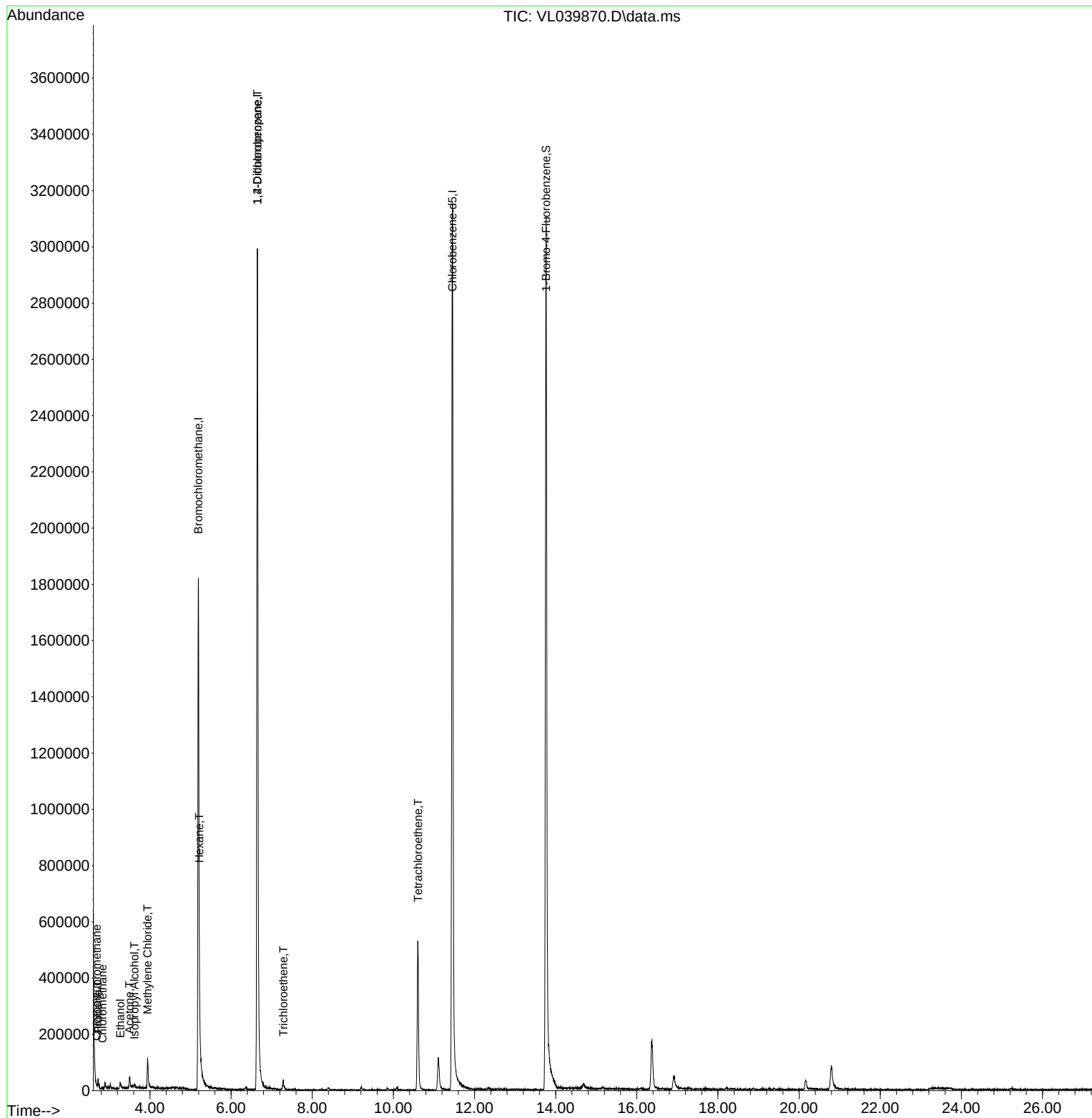
Internal Standards						
1) Bromochloromethane	5.195	49	992657	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2268812	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	1980553	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1625046	10.962	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 109.600%	
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.690	51	5977	0.051	ppbv #	84
4) Chloromethane	2.829	50	3341	0.045	ppbv	96
9) Propene	2.723	41	6136	0.100	ppbv	98
13) Ethanol	3.269	45	16742	3.842	ppbv	80
15) Acetone	3.494	43	43953	0.364	ppbv	95
19) Isopropyl Alcohol	3.616	45	11817	0.198	ppbv #	43
20) Methylene Chloride	3.944	84	35699	0.826	ppbv	95
26) Hexane	5.214	57	13403	0.121	ppbv #	37
38) Trichloroethene	7.288	130	4543	0.044	ppbv #	38
39) 1,2-Dichloropropane	6.648	63	638674	8.565	ppbv #	27
52) Tetrachloroethene	10.606	164	118736	1.656	ppbv	94

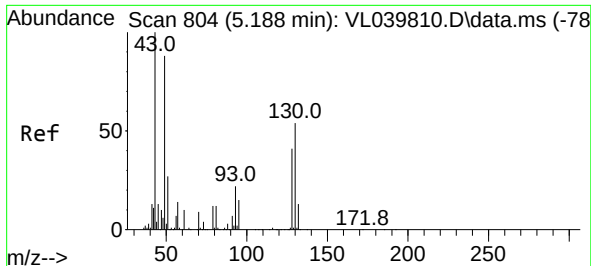
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL11022\
Data File : VL039870.D
Acq On : 10 Nov 2022 19:14
Operator : SY/AP
Sample : N5579-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Nov 11 05:02:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Thu Nov 03 09:27:12 2022
Response via : Initial Calibration

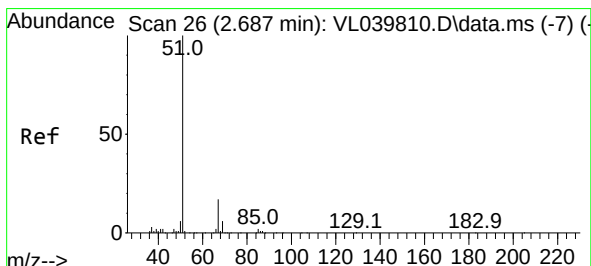
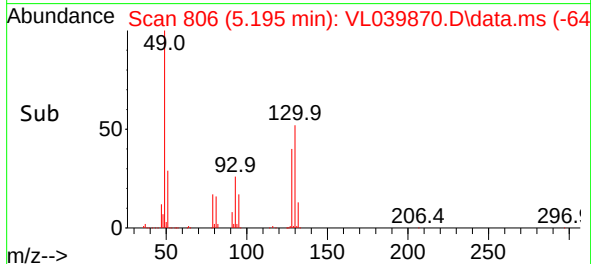
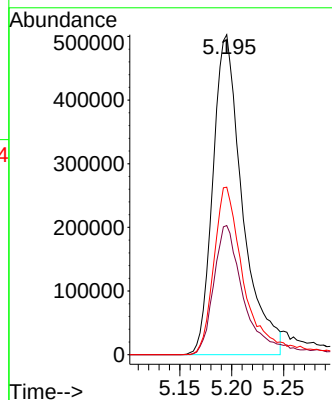
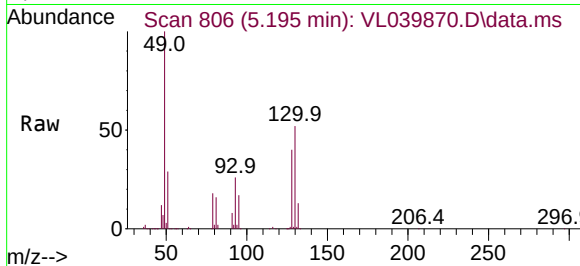




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL039870.D
Acq: 10 Nov 2022 19:14

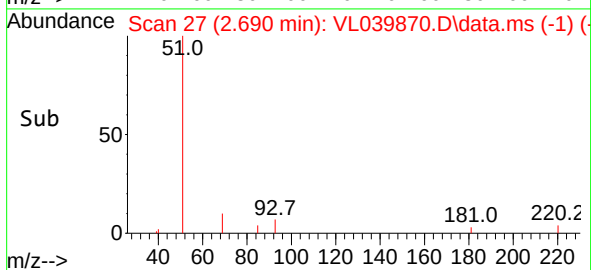
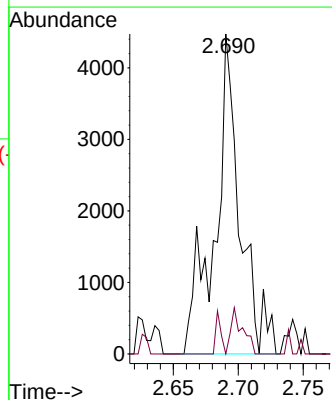
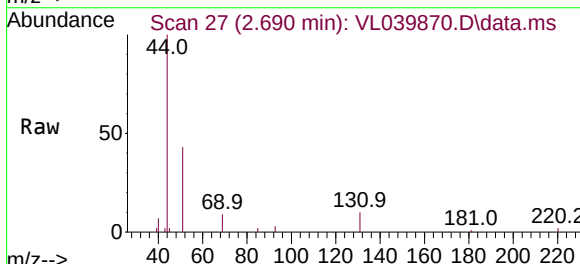
Instrument :
MSVOA_L
ClientSampleId :

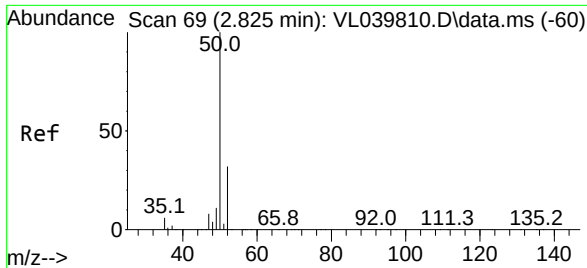
Tgt Ion: 49 Resp: 992657
Ion Ratio Lower Upper
49 100
128 43.8 24.6 73.6
130 56.6 31.1 93.2



#3
Chlorodifluoromethane
Concen: 0.051 ppbv
RT: 2.690 min Scan# 27
Delta R.T. 0.003 min
Lab File: VL039870.D
Acq: 10 Nov 2022 19:14

Tgt Ion: 51 Resp: 5977
Ion Ratio Lower Upper
51 100
67 9.6 13.2 19.8#

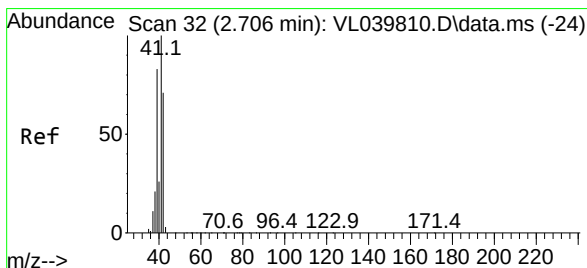
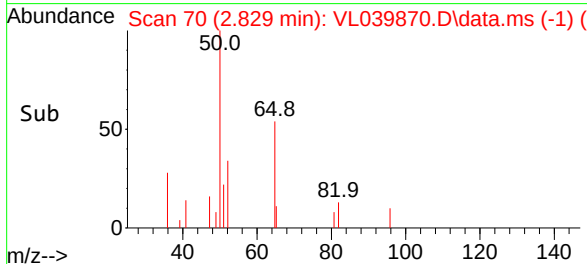
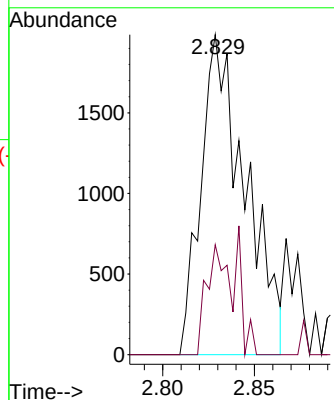
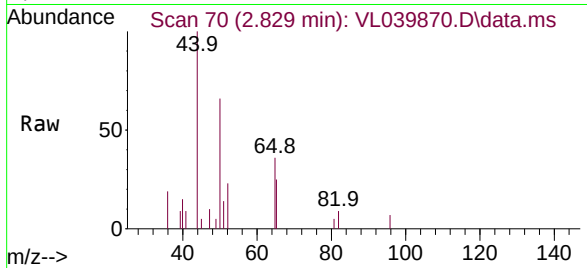




#4
Chloromethane
Concen: 0.045 ppbv
RT: 2.829 min Scan# 70
Delta R.T. 0.003 min
Lab File: VL039870.D
Acq: 10 Nov 2022 19:14

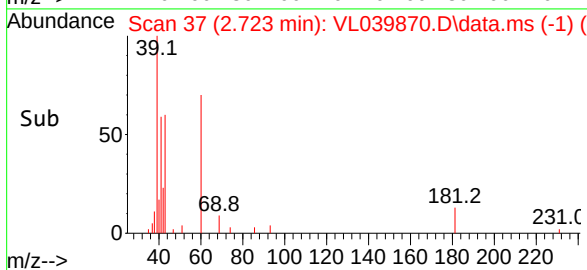
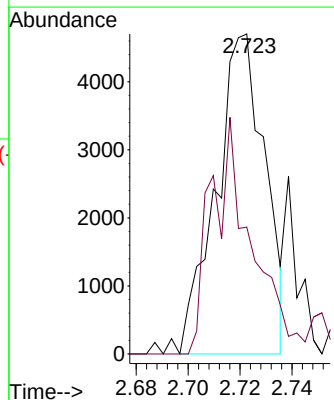
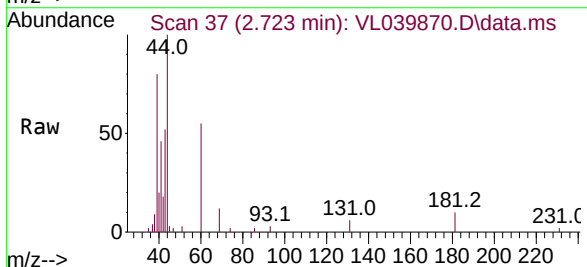
Instrument :
MSVOA_L
ClientSampleId :

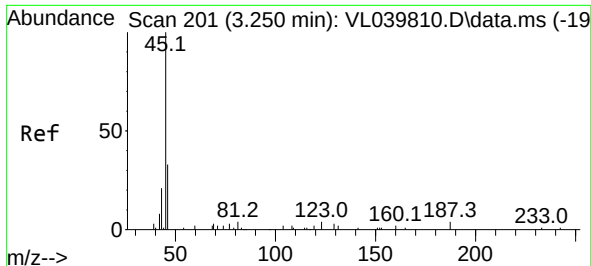
Tgt Ion: 50 Resp: 3341
Ion Ratio Lower Upper
50 100
52 34.4 25.5 38.3



#9
Propene
Concen: 0.100 ppbv
RT: 2.723 min Scan# 37
Delta R.T. 0.016 min
Lab File: VL039870.D
Acq: 10 Nov 2022 19:14

Tgt Ion: 41 Resp: 6136
Ion Ratio Lower Upper
41 100
42 68.4 56.3 84.5

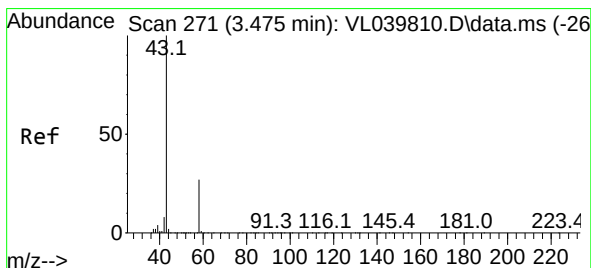
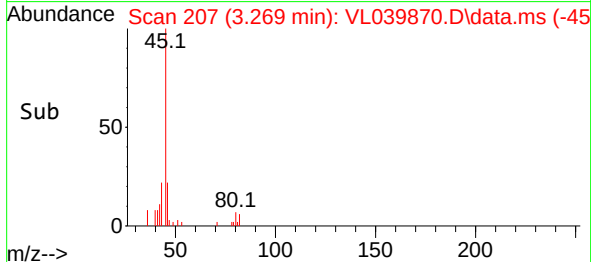
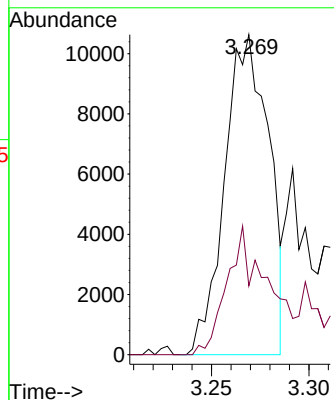
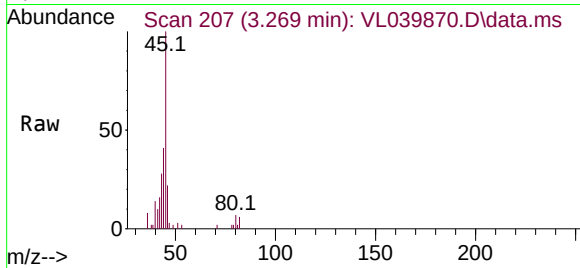




#13
Ethanol
Concen: 3.842 ppbv
RT: 3.269 min Scan# 201
Delta R.T. 0.020 min
Lab File: VL039870.D
Acq: 10 Nov 2022 19:14

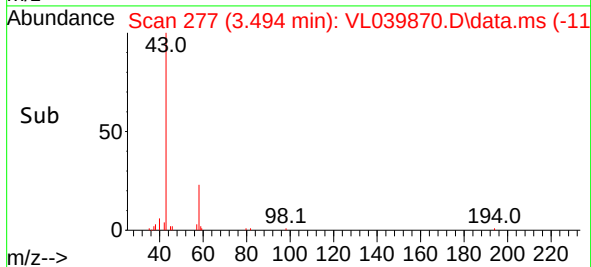
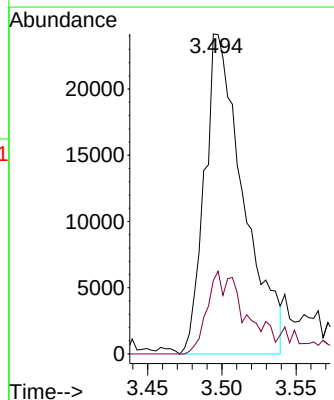
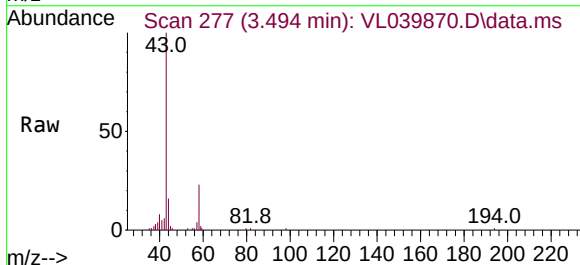
Instrument :
MSVOA_L
ClientSampleId :

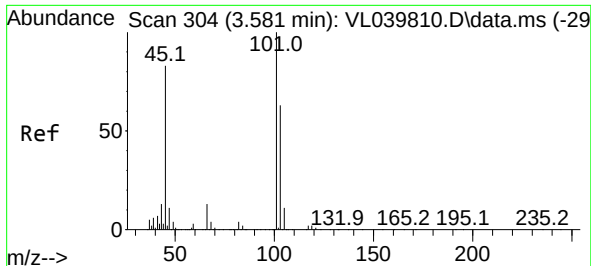
Tgt Ion: 45 Resp: 16742
Ion Ratio Lower Upper
45 100
46 53.8 16.5 65.9



#15
Acetone
Concen: 0.364 ppbv
RT: 3.494 min Scan# 277
Delta R.T. 0.020 min
Lab File: VL039870.D
Acq: 10 Nov 2022 19:14

Tgt Ion: 43 Resp: 43953
Ion Ratio Lower Upper
43 100
58 31.6 23.2 34.8

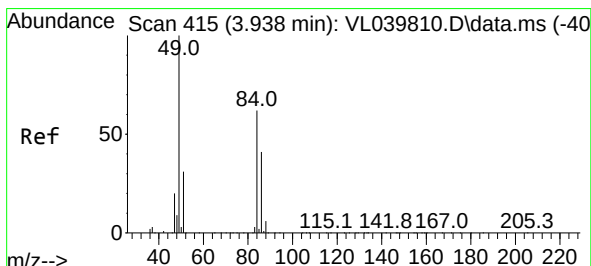
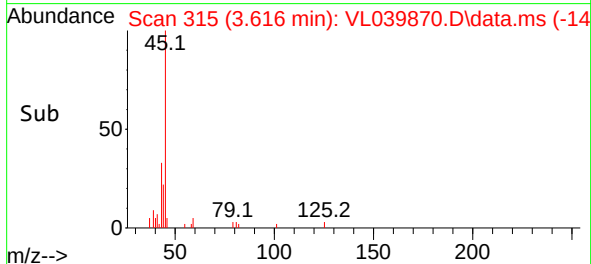
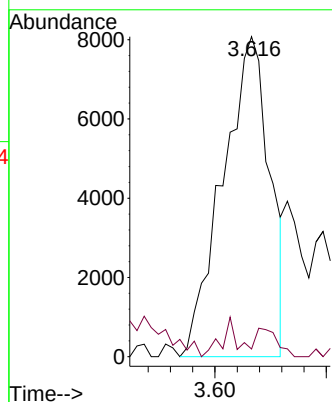
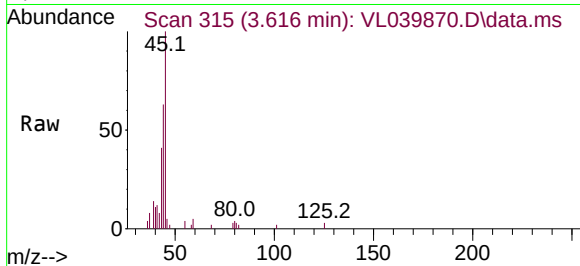




#19
Isopropyl Alcohol
Concen: 0.198 ppbv
RT: 3.616 min Scan# 315
Delta R.T. 0.036 min
Lab File: VL039870.D
Acq: 10 Nov 2022 19:14

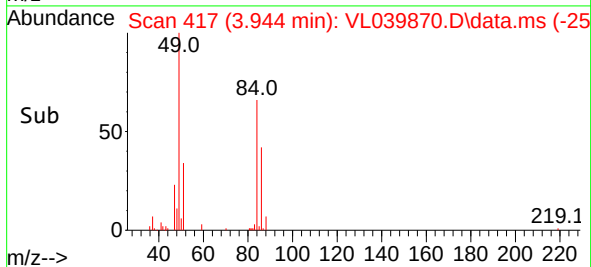
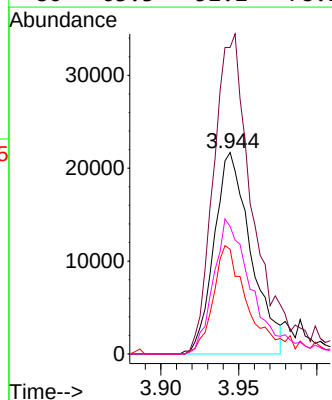
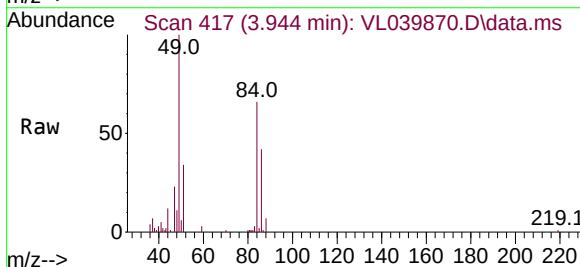
Instrument :
MSVOA_L
ClientSampleId :

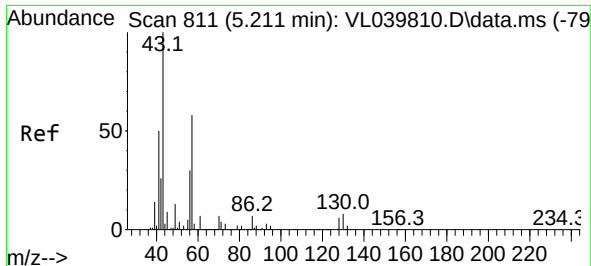
Tgt Ion: 45 Resp: 11817
Ion Ratio Lower Upper
45 100
58 9.5 38.3 57.5#



#20
Methylene Chloride
Concen: 0.826 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.007 min
Lab File: VL039870.D
Acq: 10 Nov 2022 19:14

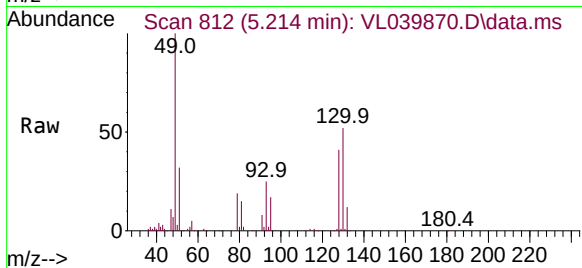
Tgt Ion: 84 Resp: 35699
Ion Ratio Lower Upper
84 100
49 152.2 128.6 192.8
51 52.0 40.2 60.4
86 63.3 52.2 78.2



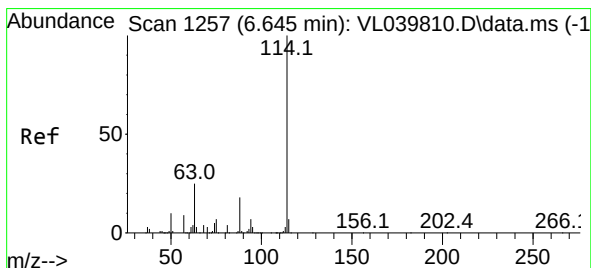
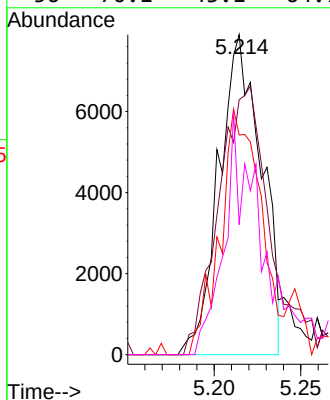
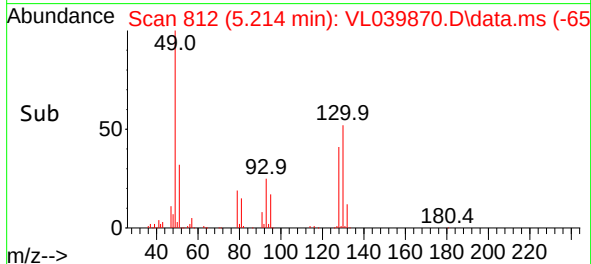


#26
Hexane
Concen: 0.121 ppbv
RT: 5.214 min Scan# 811
Delta R.T. 0.003 min
Lab File: VL039870.D
Acq: 10 Nov 2022 19:14

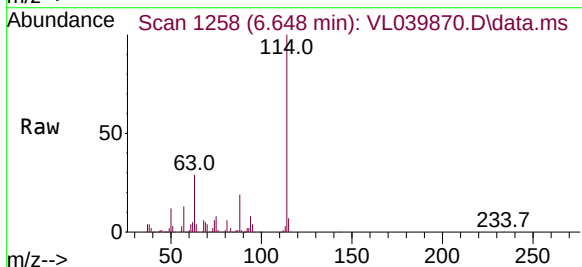
Instrument :
MSVOA_L
ClientSampleId :



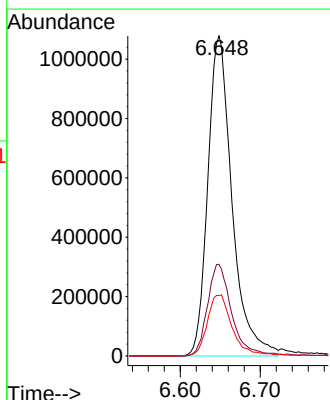
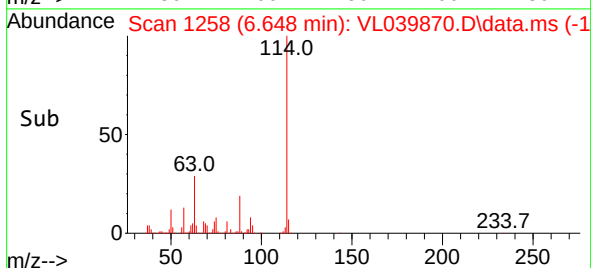
Tgt Ion: 57 Resp: 13403
Ion Ratio Lower Upper
57 100
41 107.5 73.7 110.5
43 83.5 189.8 284.8#
56 70.1 43.1 64.7#

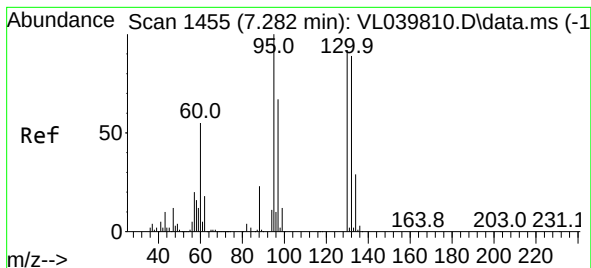


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VL039870.D
Acq: 10 Nov 2022 19:14



Tgt Ion: 114 Resp: 2268812
Ion Ratio Lower Upper
114 100
63 29.3 19.8 29.6
88 20.0 14.4 21.6





#38

Trichloroethene

Concen: 0.044 ppbv

RT: 7.288 min Scan# 1455

Delta R.T. 0.007 min

Lab File: VL039870.D

Acq: 10 Nov 2022 19:14

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:130 Resp: 4543

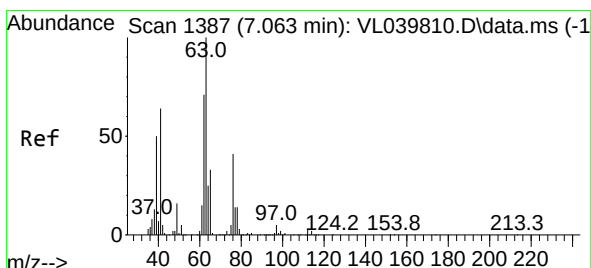
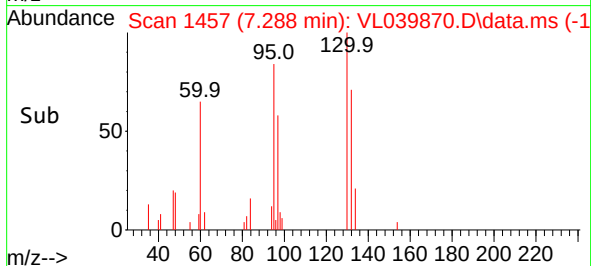
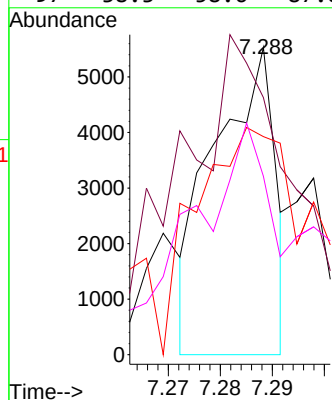
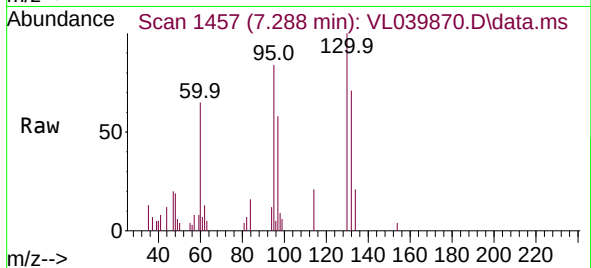
Ion Ratio Lower Upper

130 100

95 32.9 87.4 131.2#

132 31.7 77.7 116.5#

97 38.3 58.6 87.8#



#39

1,2-Dichloropropane

Concen: 8.565 ppbv

RT: 6.648 min Scan# 1258

Delta R.T. -0.414 min

Lab File: VL039870.D

Acq: 10 Nov 2022 19:14

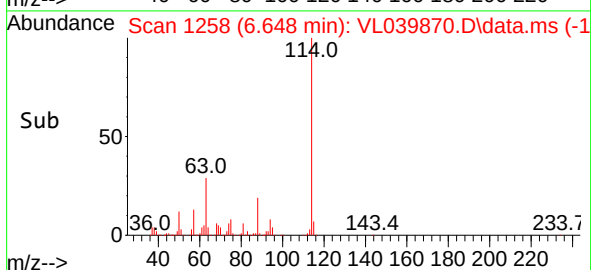
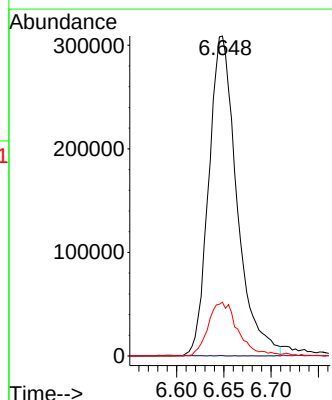
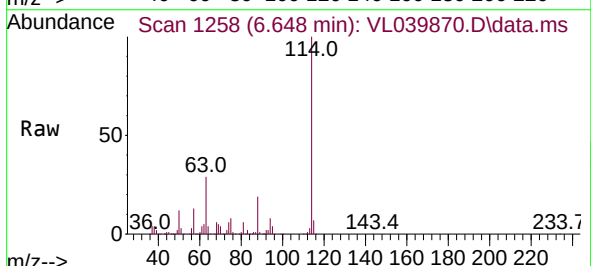
Tgt Ion: 63 Resp: 638674

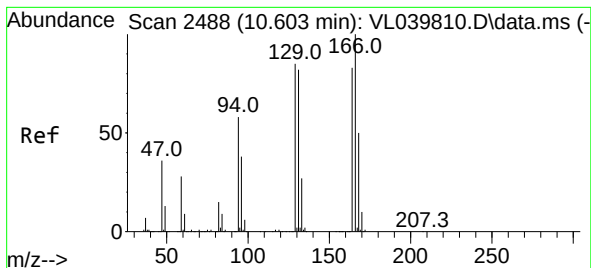
Ion Ratio Lower Upper

63 100

41 0.1 51.0 76.4#

62 16.8 56.6 85.0#





#52

Tetrachloroethene

Concen: 1.656 ppbv

RT: 10.606 min Scan# 2489

Delta R.T. 0.003 min

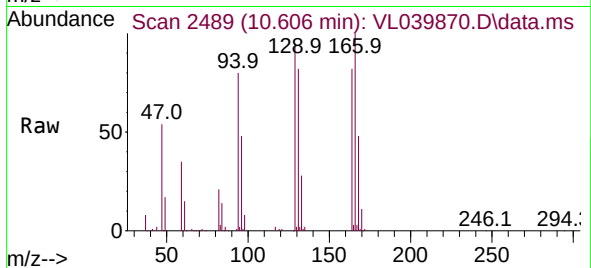
Lab File: VL039870.D

Acq: 10 Nov 2022 19:14

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:164 Resp: 118736

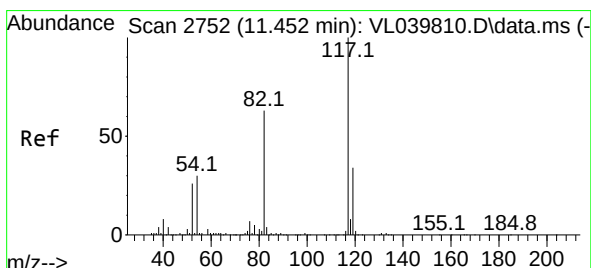
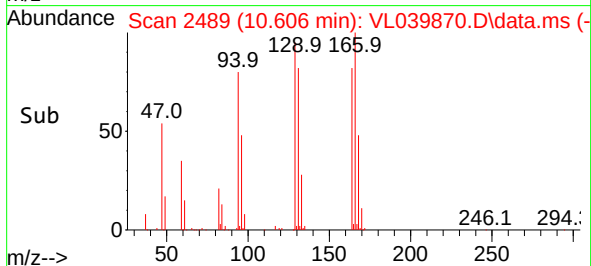
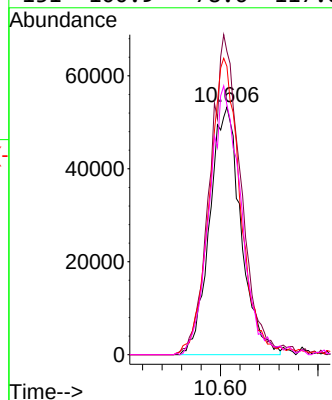
Ion Ratio Lower Upper

164 100

166 121.1 96.0 144.0

129 115.5 81.4 122.2

131 100.9 78.6 117.8



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.455 min Scan# 2753

Delta R.T. 0.003 min

Lab File: VL039870.D

Acq: 10 Nov 2022 19:14

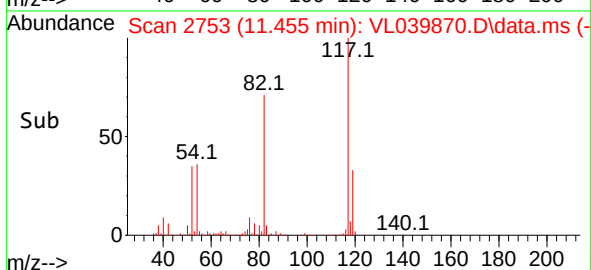
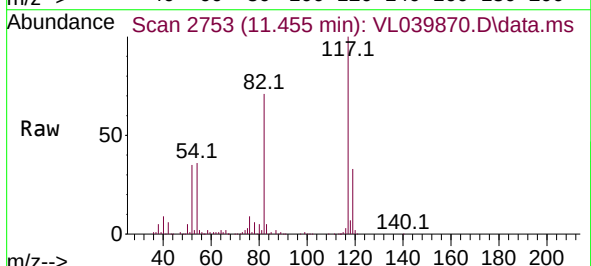
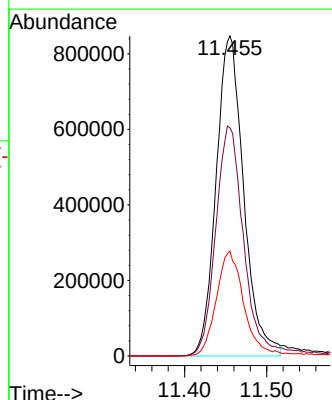
Tgt Ion:117 Resp: 1980553

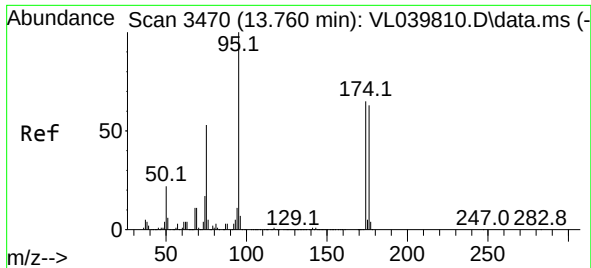
Ion Ratio Lower Upper

117 100

82 74.2 51.0 76.6

119 33.5 24.7 37.1





#68

1-Bromo-4-Fluorobenzene

Concen: 10.962 ppbv

RT: 13.764 min Scan# 34

Delta R.T. 0.003 min

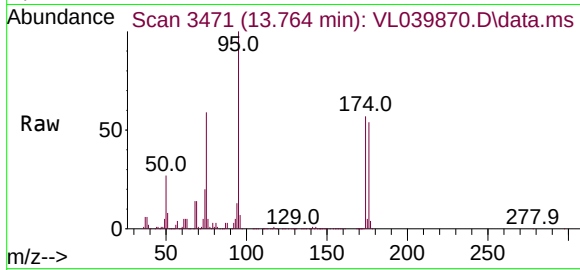
Lab File: VL039870.D

Acq: 10 Nov 2022 19:14

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 95 Resp: 1625046

Ion Ratio Lower Upper

95 100

174 59.8 53.4 80.0

175 4.3 4.1 6.1

