

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111022\
 Data File : VL039879.D
 Acq On : 11 Nov 2022 1:08
 Operator : SY/AP
 Sample : N5584-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 11 05:04:44 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)

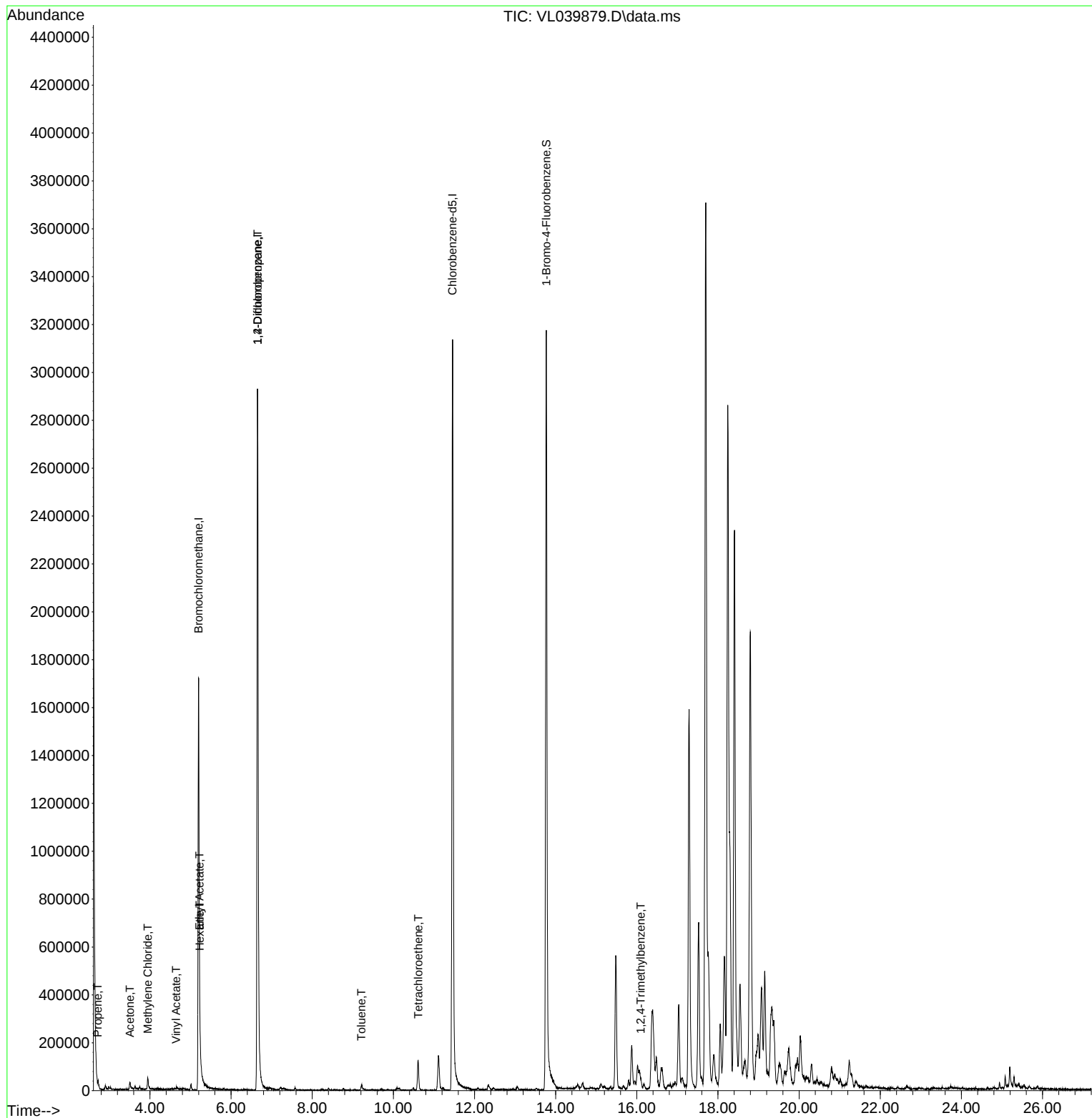
Internal Standards							
1) Bromochloromethane		5.198	49	918854	10.000	ppbv	0.01
33) 1,4-Difluorobenzene		6.651	114	2382679	10.000	ppbv	0.00
55) Chlorobenzene-d5		11.458	117	2031917	10.000	ppbv	0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene		13.770	95	1615821	10.624	ppbv	0.00
Spiked Amount		10.000	Range 65 - 135		Recovery	= 106.200%	
Target Compounds							
							Qvalue
9) Propene		2.716	41	1860	0.033	ppbv	# 14
15) Acetone		3.504	43	14214	0.127	ppbv	# 1
20) Methylene Chloride		3.947	84	14920	0.373	ppbv	# 89
23) Vinyl Acetate		4.645	43	2582	0.058	ppbv	# 86
25) Ethyl Acetate		5.224	43	16475	0.072	ppbv	# 75
26) Hexane		5.227	57	9313	0.091	ppbv	# 32
39) 1,2-Dichloropropane		6.651	63	607361	7.756	ppbv	# 27
52) Tetrachloroethene		10.616	164	9552	0.127	ppbv	# 80
53) Toluene		9.214	91	13221	0.057	ppbv	# 64
74) 1,2,4-Trimethylbenzene		16.098	105	15085	0.065	ppbv	# 65

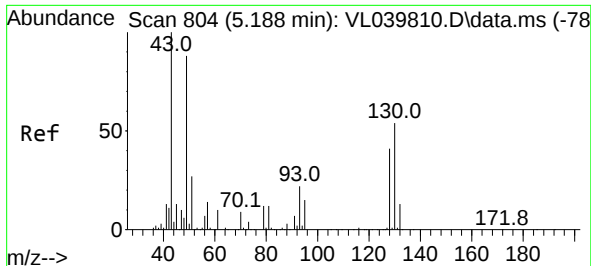
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111022\
Data File : VL039879.D
Acq On : 11 Nov 2022 1:08
Operator : SY/AP
Sample : N5584-01DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Nov 11 05:04:44 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

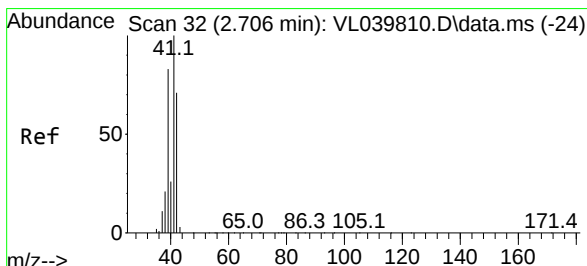
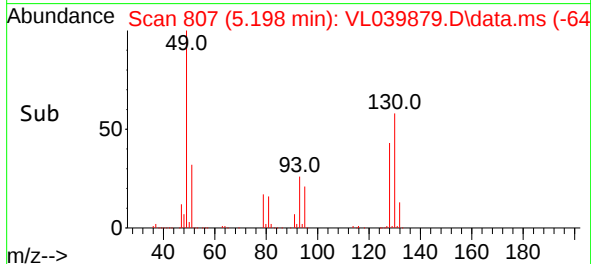
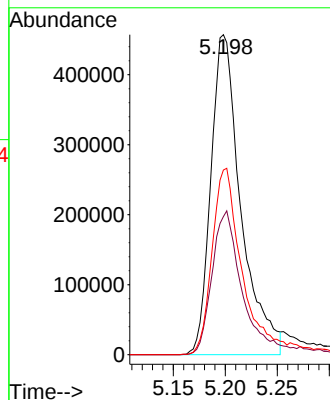
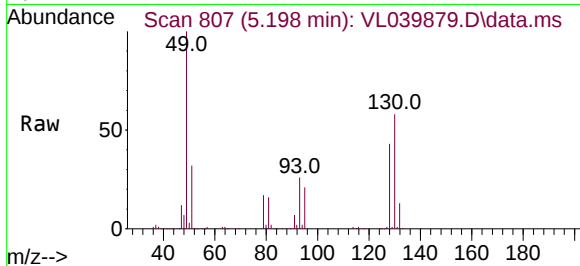




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.010 min
Lab File: VL039879.D
Acq: 11 Nov 2022 1:08

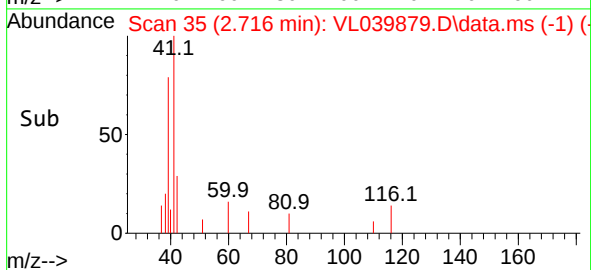
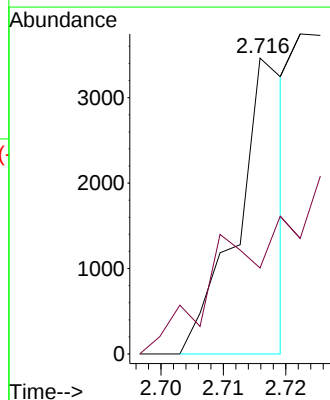
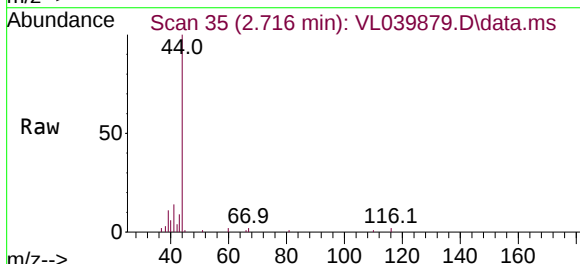
Instrument :
MSVOA_L
ClientSampleId :

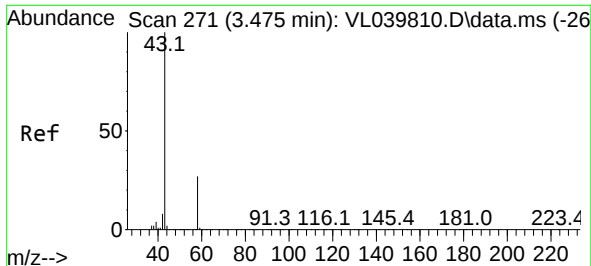
Tgt Ion: 49 Resp: 918854
Ion Ratio Lower Upper
49 100
128 49.0 24.6 73.6
130 63.0 31.1 93.2



#9
Propene
Concen: 0.033 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.010 min
Lab File: VL039879.D
Acq: 11 Nov 2022 1:08

Tgt Ion: 41 Resp: 1860
Ion Ratio Lower Upper
41 100
42 0.0 56.3 84.5#

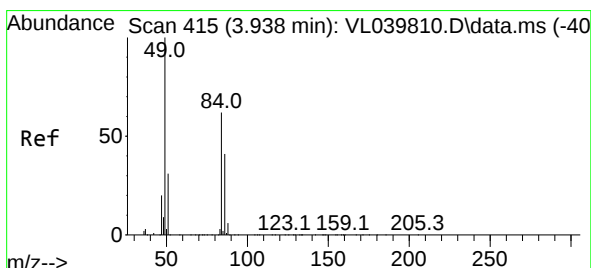
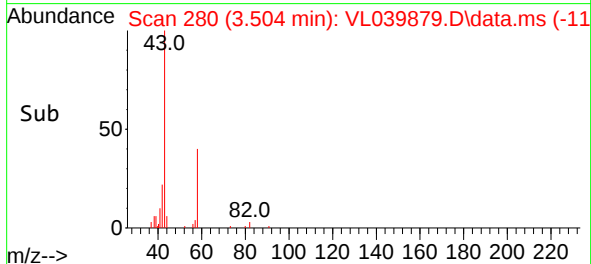
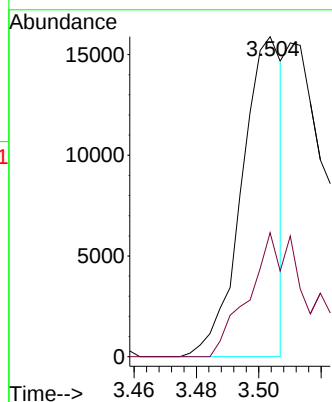
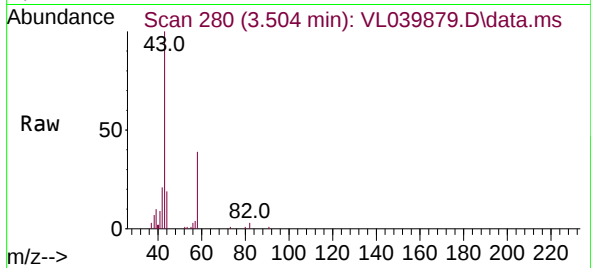




#15
Acetone
Concen: 0.127 ppbv
RT: 3.504 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL039879.D
Acq: 11 Nov 2022 1:08

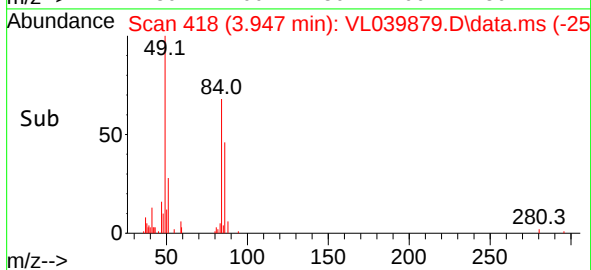
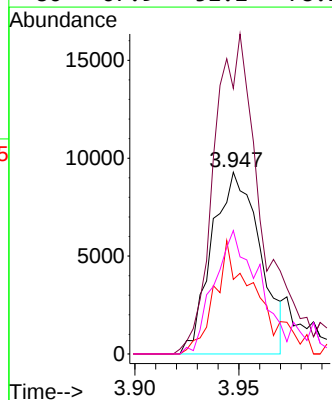
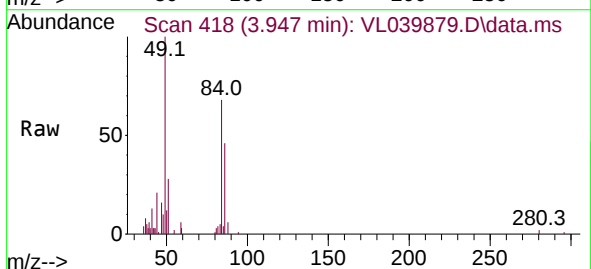
Instrument :
MSVOA_L
ClientSampleId :

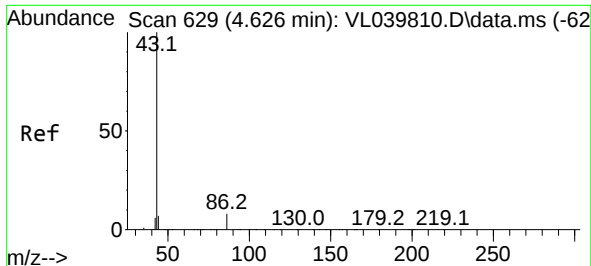
Tgt Ion: 43 Resp: 14214
Ion Ratio Lower Upper
43 100
58 84.0 23.2 34.8#



#20
Methylene Chloride
Concen: 0.373 ppbv
RT: 3.947 min Scan# 418
Delta R.T. 0.010 min
Lab File: VL039879.D
Acq: 11 Nov 2022 1:08

Tgt Ion: 84 Resp: 14920
Ion Ratio Lower Upper
84 100
49 143.5 128.6 192.8
51 41.0 40.2 60.4
86 67.9 52.2 78.2



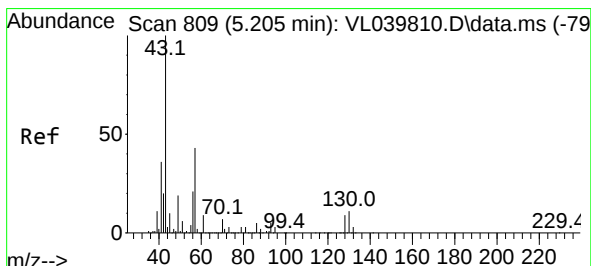
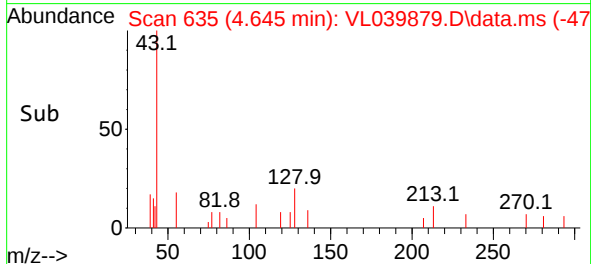
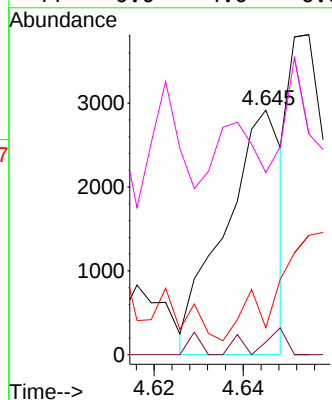
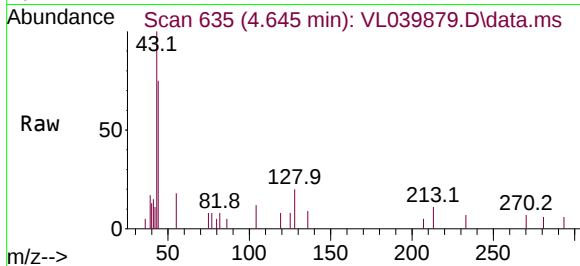


#23
 Vinyl Acetate
 Concen: 0.058 ppbv
 RT: 4.645 min Scan# 61
 Delta R.T. 0.019 min
 Lab File: VL039879.D
 Acq: 11 Nov 2022 1:08

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 43 Resp: 2582

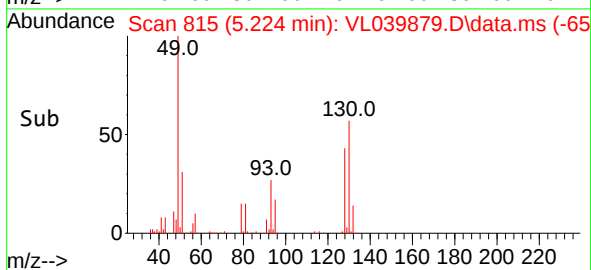
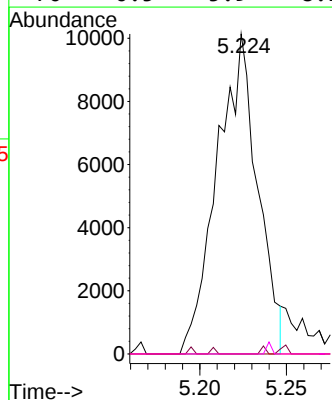
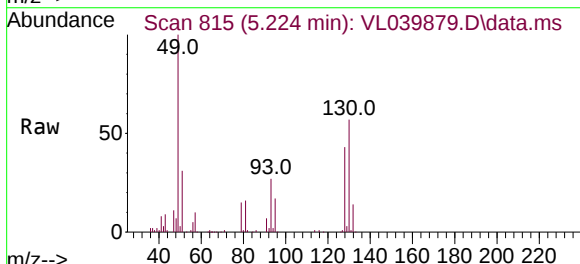
Ion	Ratio	Lower	Upper
43	100		
86	5.7	5.0	7.4
42	0.7	6.8	10.2#
44	0.0	4.0	6.0#

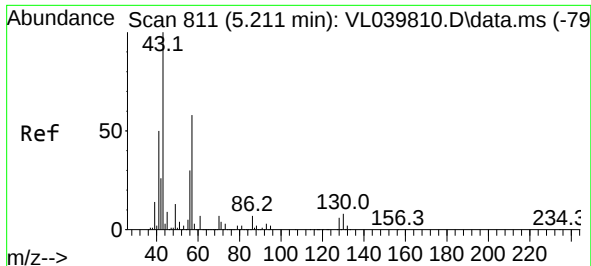


#25
 Ethyl Acetate
 Concen: 0.072 ppbv
 RT: 5.224 min Scan# 815
 Delta R.T. 0.019 min
 Lab File: VL039879.D
 Acq: 11 Nov 2022 1:08

Tgt Ion: 43 Resp: 16475

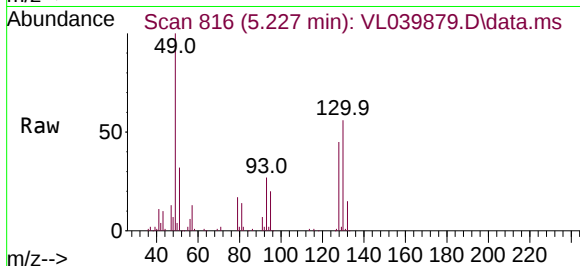
Ion	Ratio	Lower	Upper
43	100		
45	0.5	8.2	12.2#
61	0.0	8.1	12.1#
70	0.5	5.9	8.9#



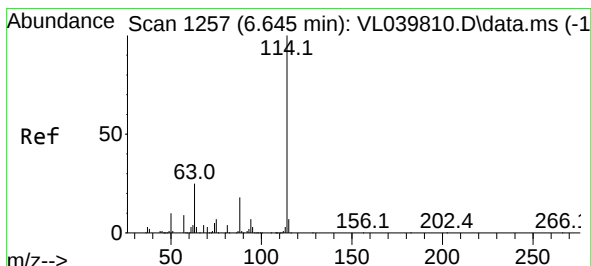
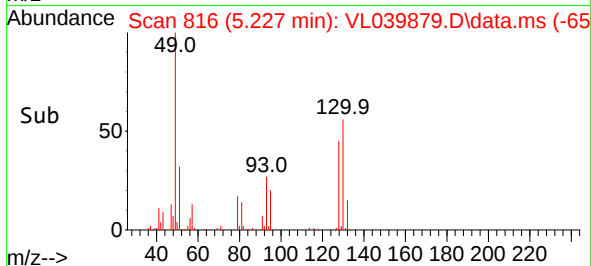
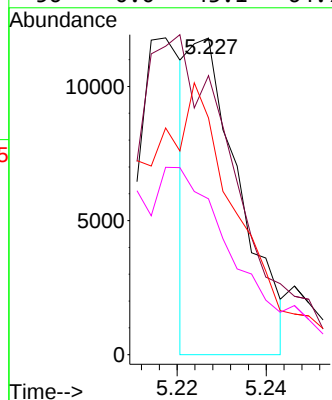


#26
Hexane
Concen: 0.091 ppbv
RT: 5.227 min Scan# 811
Delta R.T. 0.016 min
Lab File: VL039879.D
Acq: 11 Nov 2022 1:08

Instrument :
MSVOA_L
ClientSampleId :

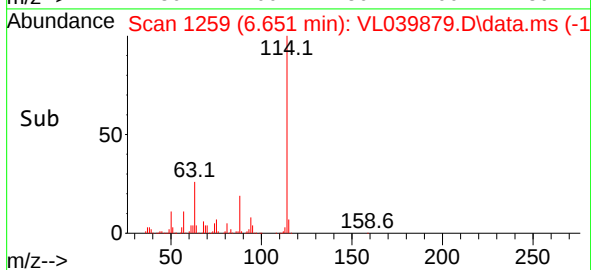
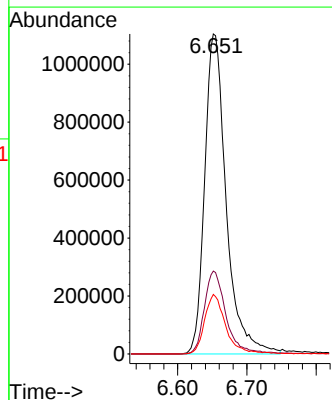
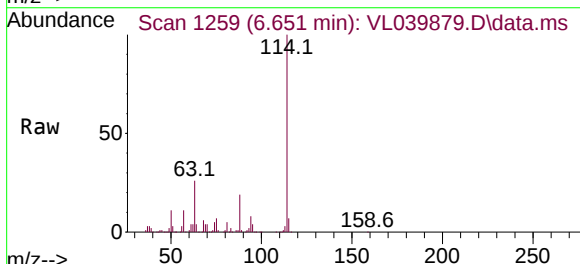


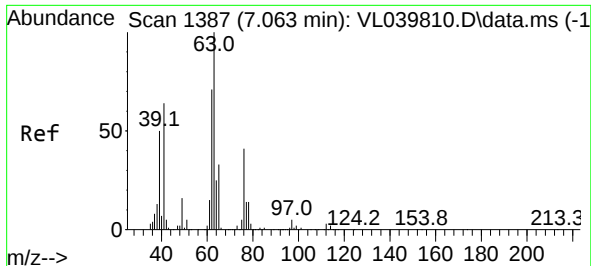
Tgt Ion: 57 Resp: 9313
Ion Ratio Lower Upper
57 100
41 259.1 73.7 110.5#
43 195.3 189.8 284.8
56 0.0 43.1 64.7#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.651 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VL039879.D
Acq: 11 Nov 2022 1:08

Tgt Ion: 114 Resp: 2382679
Ion Ratio Lower Upper
114 100
63 26.3 19.8 29.6
88 18.6 14.4 21.6





#39

1,2-Dichloropropane

Concen: 7.756 ppbv

RT: 6.651 min Scan# 1

Delta R.T. -0.412 min

Lab File: VL039879.D

Acq: 11 Nov 2022 1:08

Instrument :

MSVOA_L

ClientSampleId :

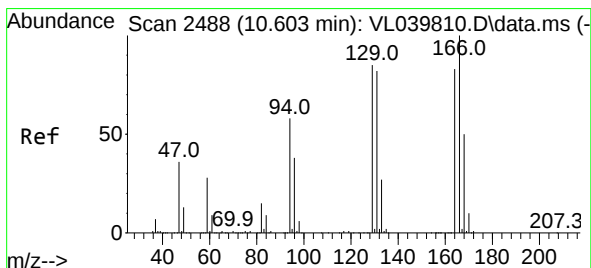
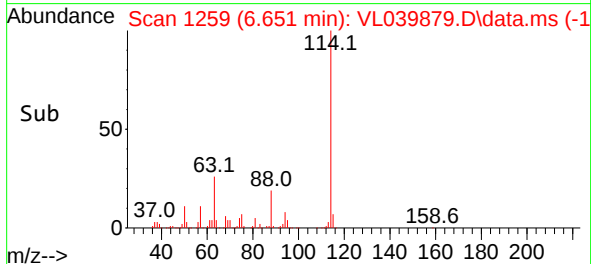
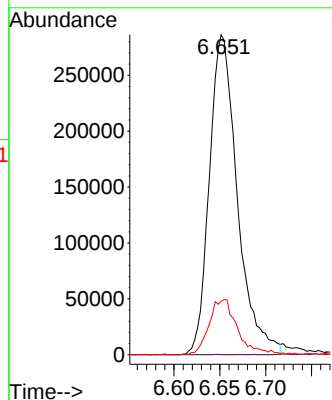
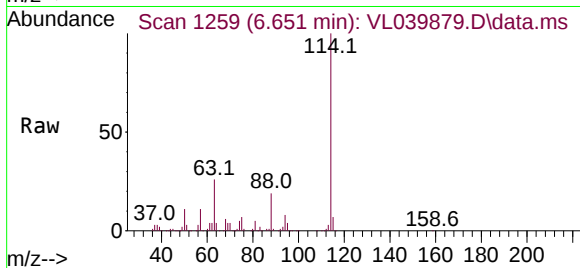
Tgt Ion: 63 Resp: 607361

Ion Ratio Lower Upper

63 100

41 0.0 51.0 76.4#

62 16.8 56.6 85.0#



#52

Tetrachloroethene

Concen: 0.127 ppbv

RT: 10.616 min Scan# 2492

Delta R.T. 0.013 min

Lab File: VL039879.D

Acq: 11 Nov 2022 1:08

Tgt Ion:164 Resp: 9552

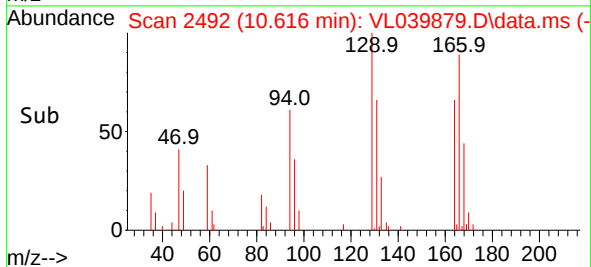
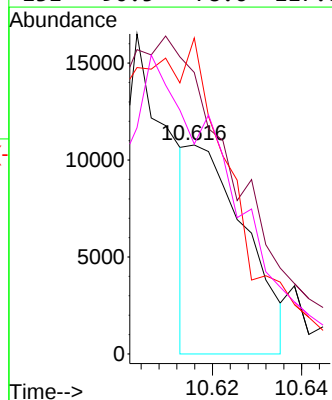
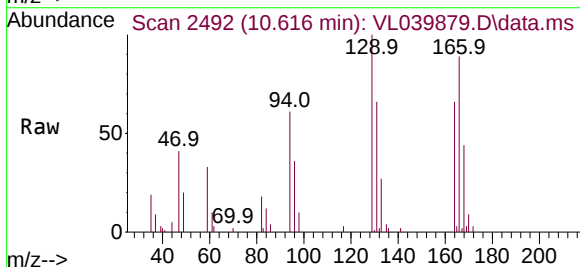
Ion Ratio Lower Upper

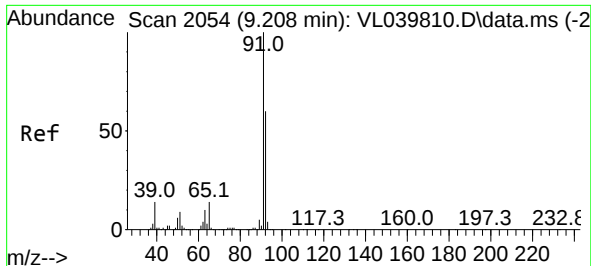
164 100

166 123.6 96.0 144.0

129 154.5 81.4 122.2#

131 90.5 78.6 117.8

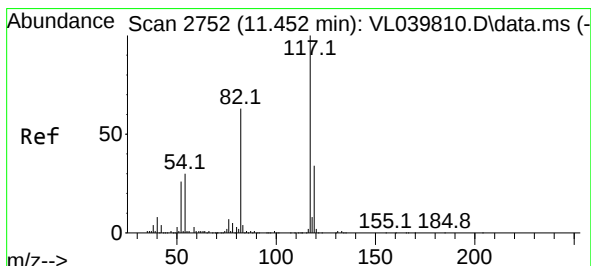
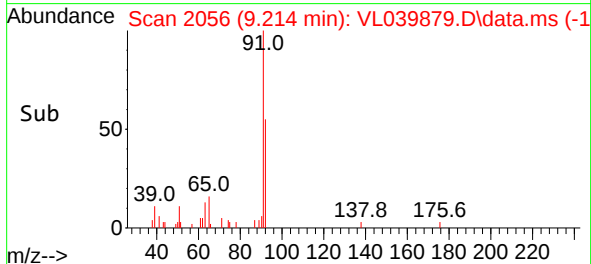
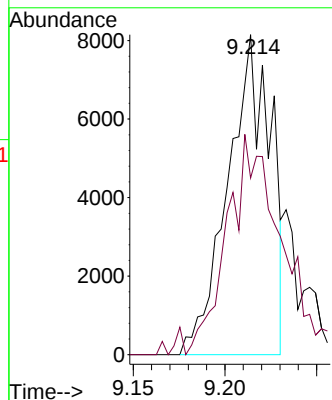
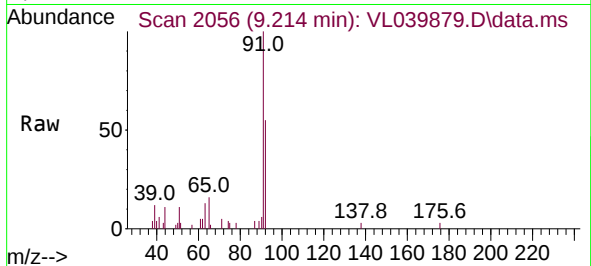




#53
Toluene
Concen: 0.057 ppbv
RT: 9.214 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VL039879.D
Acq: 11 Nov 2022 1:08

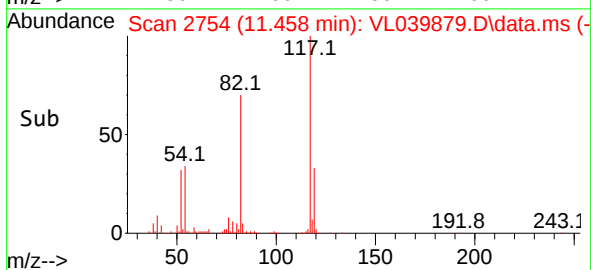
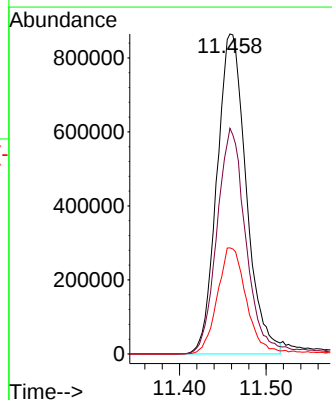
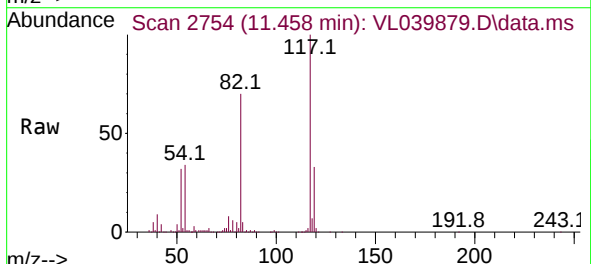
Instrument :
MSVOA_L
ClientSampleId :

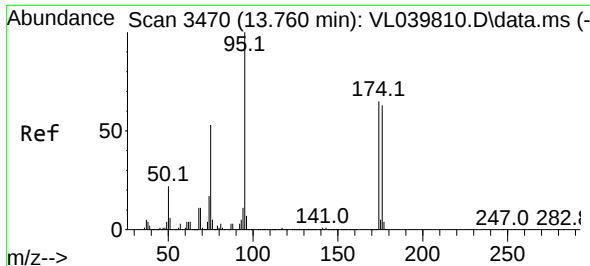
Tgt Ion: 91 Resp: 13221
Ion Ratio Lower Upper
91 100
92 89.7 49.6 74.4#



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 2754
Delta R.T. 0.006 min
Lab File: VL039879.D
Acq: 11 Nov 2022 1:08

Tgt Ion: 117 Resp: 2031917
Ion Ratio Lower Upper
117 100
82 72.2 51.0 76.6
119 34.0 24.7 37.1

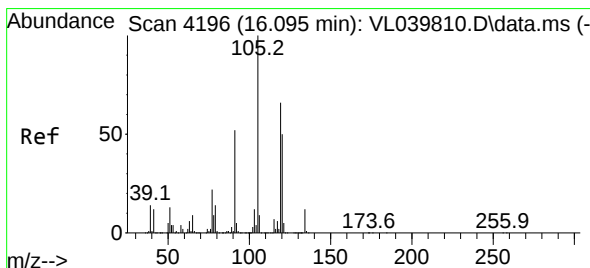
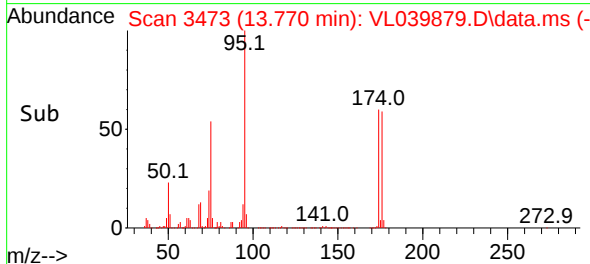
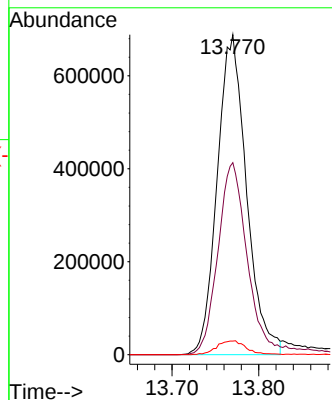
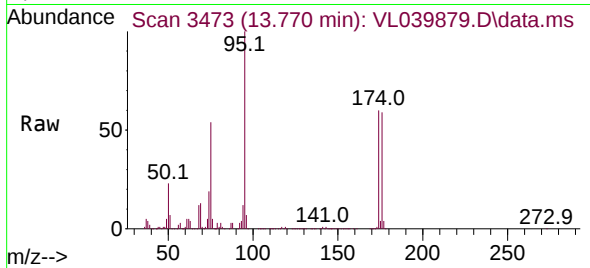




#68
1-Bromo-4-Fluorobenzene
Concen: 10.624 ppbv
RT: 13.770 min Scan# 3470
Delta R.T. 0.010 min
Lab File: VL039879.D
Acq: 11 Nov 2022 1:08

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 1615821
Ion Ratio Lower Upper
95 100
174 62.8 53.4 80.0
175 4.5 4.1 6.1



#74
1,2,4-Trimethylbenzene
Concen: 0.065 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. 0.003 min
Lab File: VL039879.D
Acq: 11 Nov 2022 1:08

Tgt Ion: 105 Resp: 15085
Ion Ratio Lower Upper
105 100
120 41.0 40.2 60.4
91 9.9 42.6 64.0#
77 12.6 17.8 26.8#

