

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102522\
 Data File : VL039801.D
 Acq On : 25 Oct 2022 23:59
 Operator : SY/AP
 Sample : N5227-09DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IDL

Quant Time: Oct 28 08:12:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Oct 24 20:00:55 2022
 Response via : Initial Calibration

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

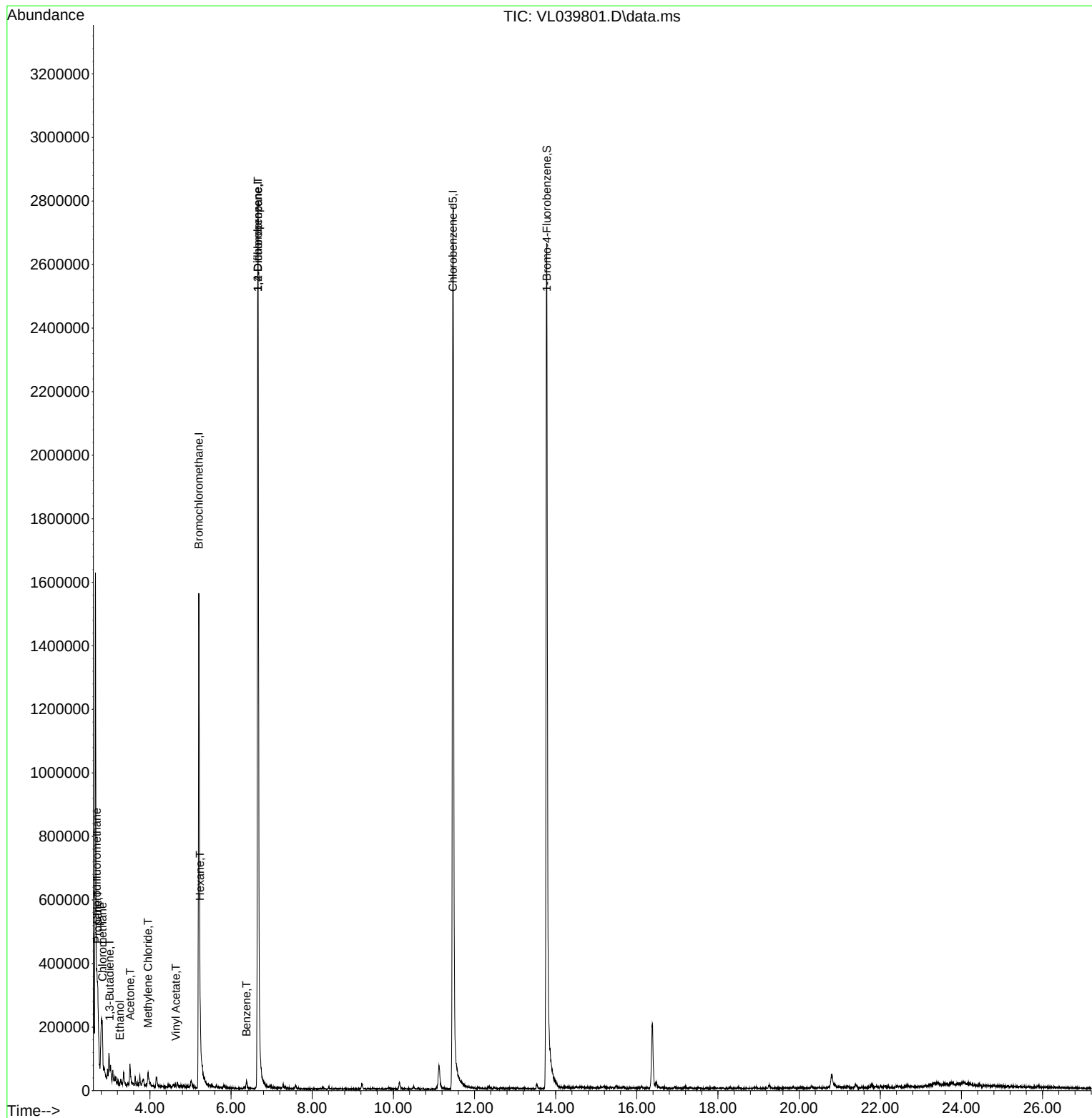
Internal Standards						
1) Bromochloromethane	5.205	49	844630	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2257743	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	1950198	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1377103	9.926	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.300%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.690	51	114968	1.133	ppbv #	61
4) Chloromethane	2.829	50	2439	0.038	ppbv #	46
9) Propene	2.716	41	70860	1.625	ppbv	89
13) Ethanol	3.259	45	433	0.138	ppbv #	37
15) Acetone	3.510	43	54398	0.539	ppbv #	79
16) 1,3-Butadiene	3.009	39	7411	0.149	ppbv #	45
20) Methylene Chloride	3.954	84	11691	0.305	ppbv #	77
23) Vinyl Acetate	4.642	43	1284	0.033	ppbv #	31
26) Hexane	5.230	57	9619	0.117	ppbv #	35
36) Benzene	6.378	78	7768	0.045	ppbv #	77
39) 1,2-Dichloropropane	6.658	63	557075	8.316	ppbv #	24

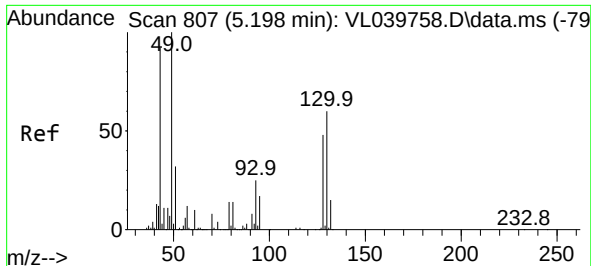
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102522\
Data File : VL039801.D
Acq On : 25 Oct 2022 23:59
Operator : SY/AP
Sample : N5227-09DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IDL

Quant Time: Oct 28 08:12:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Mon Oct 24 20:00:55 2022
Response via : Initial Calibration

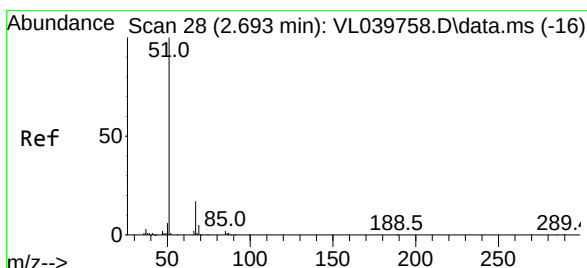
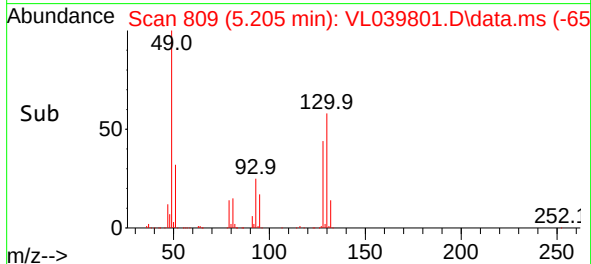
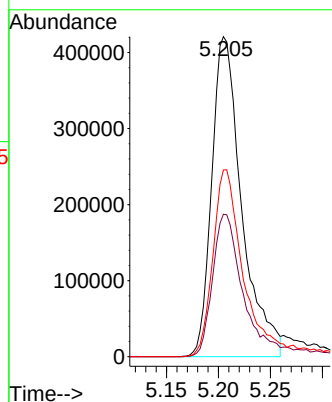
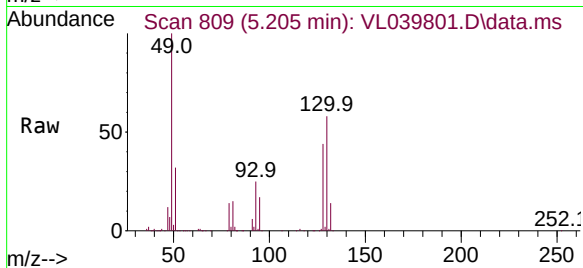




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL039801.D
Acq: 25 Oct 2022 23:59

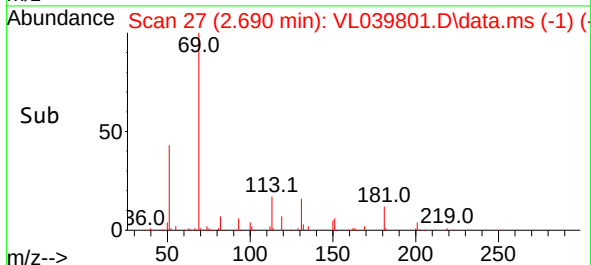
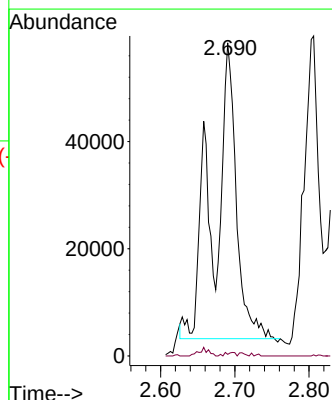
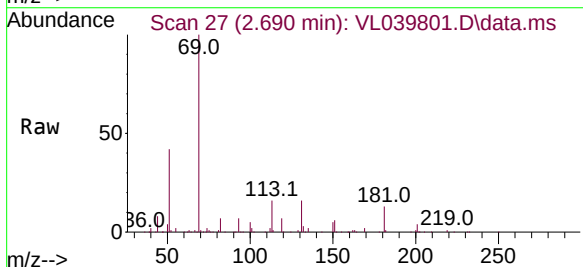
Instrument :
MSVOA_L
ClientSampleId :
IDL

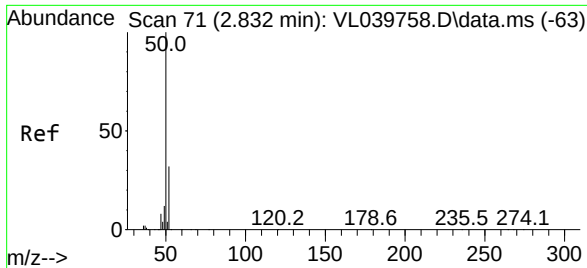
Tgt Ion: 49 Resp: 844630
Ion Ratio Lower Upper
49 100
128 49.1 24.6 74.0
130 64.2 31.8 95.3



#3
Chlorodifluoromethane
Concen: 1.133 ppbv
RT: 2.690 min Scan# 27
Delta R.T. -0.003 min
Lab File: VL039801.D
Acq: 25 Oct 2022 23:59

Tgt Ion: 51 Resp: 114968
Ion Ratio Lower Upper
51 100
67 0.5 14.2 21.2#

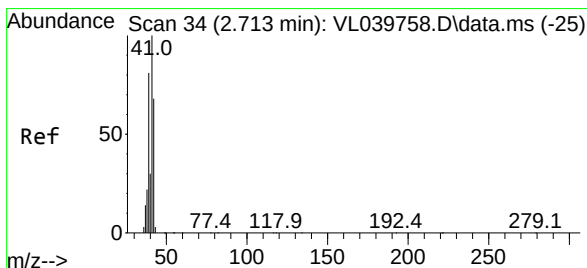
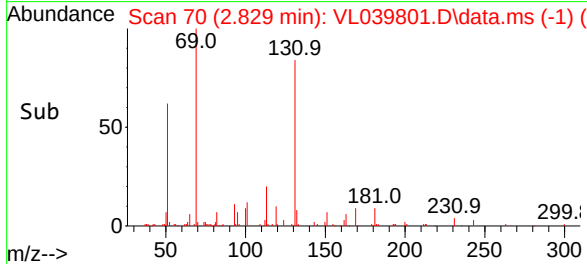
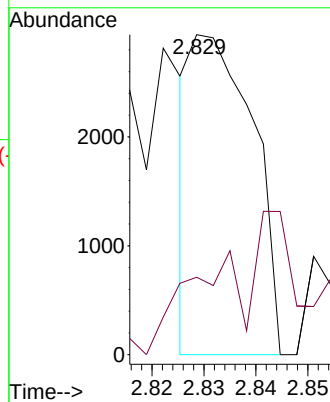
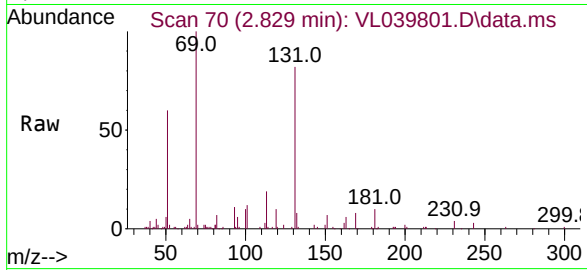




#4
Chloromethane
Concen: 0.038 ppbv
RT: 2.829 min Scan# 70
Delta R.T. -0.003 min
Lab File: VL039801.D
Acq: 25 Oct 2022 23:59

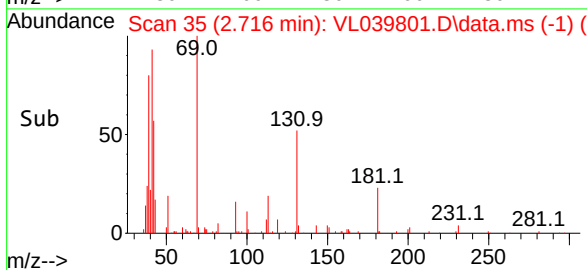
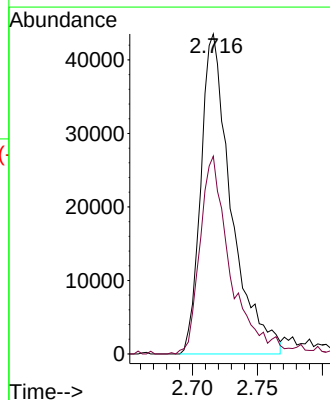
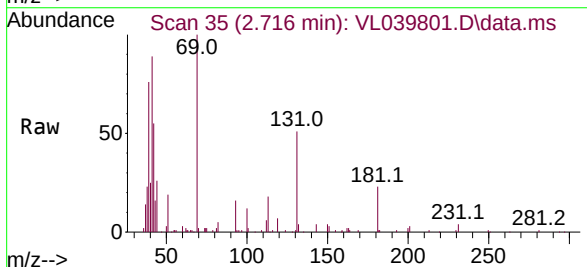
Instrument :
MSVOA_L
ClientSampleId :
IDL

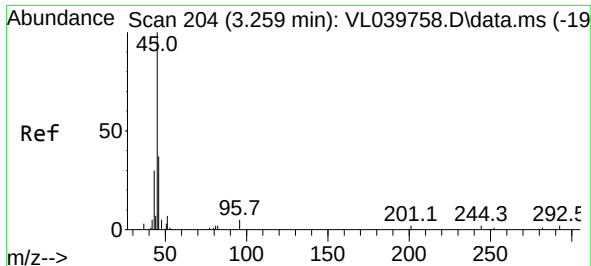
Tgt Ion: 50 Resp: 2439
Ion Ratio Lower Upper
50 100
52 1.9 25.9 38.9#



#9
Propene
Concen: 1.625 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.003 min
Lab File: VL039801.D
Acq: 25 Oct 2022 23:59

Tgt Ion: 41 Resp: 70860
Ion Ratio Lower Upper
41 100
42 63.2 58.0 87.0

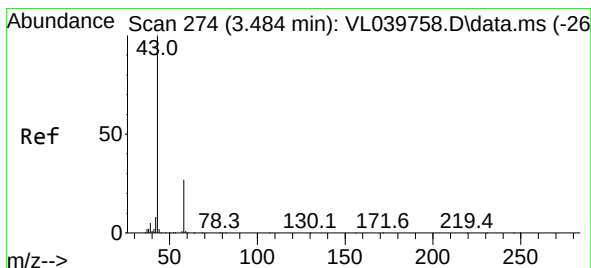
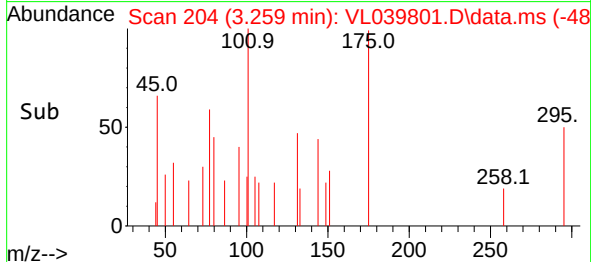
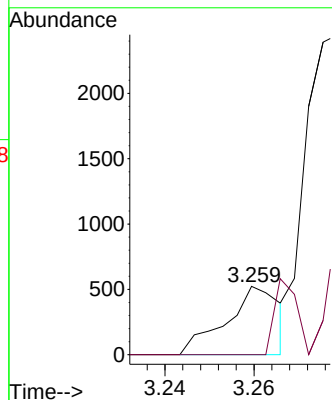
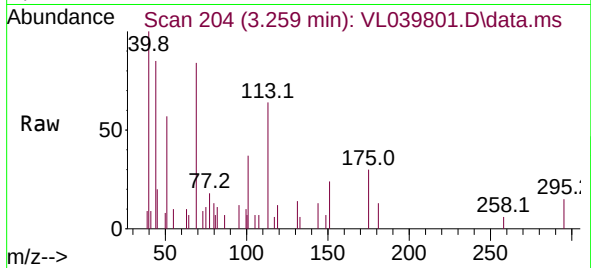




#13
Ethanol
Concen: 0.138 ppbv
RT: 3.259 min Scan# 204
Delta R.T. 0.000 min
Lab File: VL039801.D
Acq: 25 Oct 2022 23:59

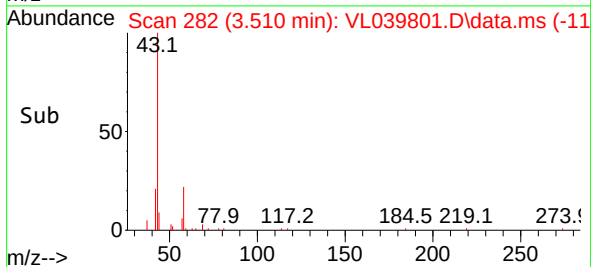
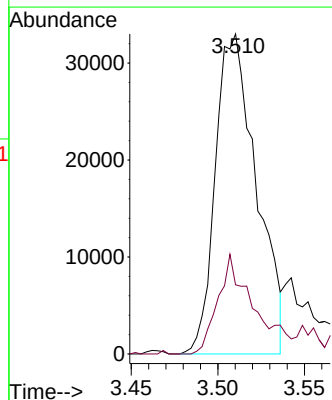
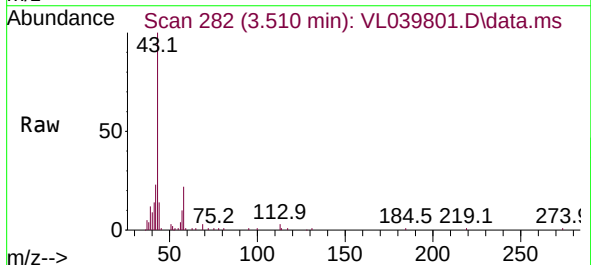
Instrument :
MSVOA_1
ClientSampleId :
IDL

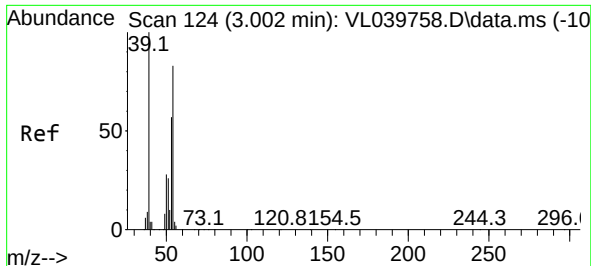
Tgt Ion: 45 Resp: 433
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.3#



#15
Acetone
Concen: 0.539 ppbv
RT: 3.510 min Scan# 282
Delta R.T. 0.026 min
Lab File: VL039801.D
Acq: 25 Oct 2022 23:59

Tgt Ion: 43 Resp: 54398
Ion Ratio Lower Upper
43 100
58 36.5 20.7 31.1#





#16

1,3-Butadiene

Concen: 0.149 ppbv

RT: 3.009 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL039801.D

Acq: 25 Oct 2022 23:59

Instrument :

MSVOA_L

ClientSampleId :

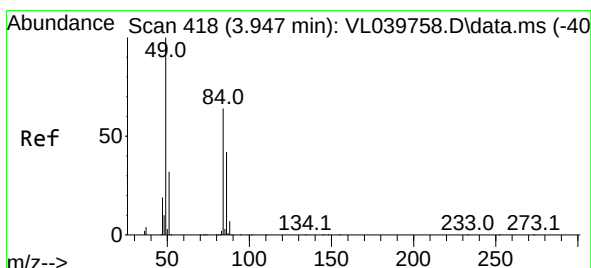
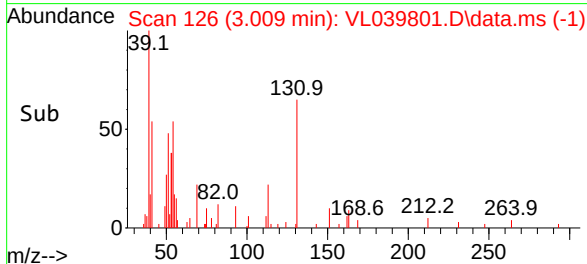
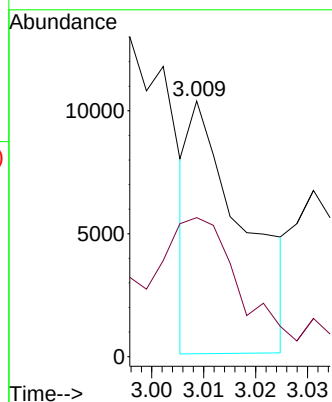
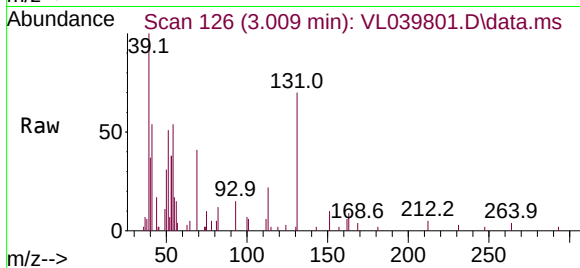
IDL

Tgt Ion: 39 Resp: 7411

Ion Ratio Lower Upper

39 100

54 129.3 64.6 97.0#



#20

Methylene Chloride

Concen: 0.305 ppbv

RT: 3.954 min Scan# 420

Delta R.T. 0.007 min

Lab File: VL039801.D

Acq: 25 Oct 2022 23:59

Tgt Ion: 84 Resp: 11691

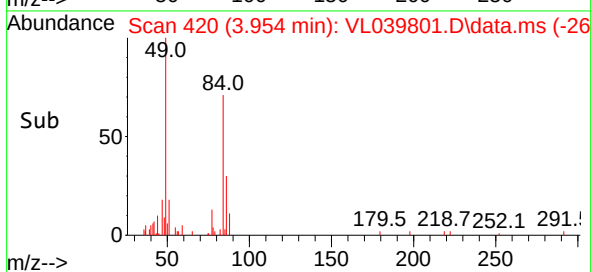
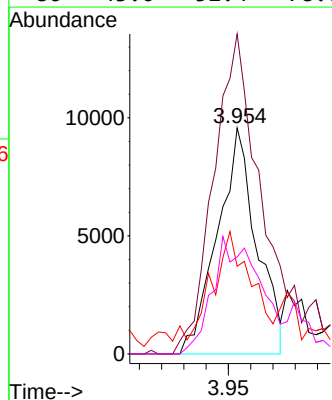
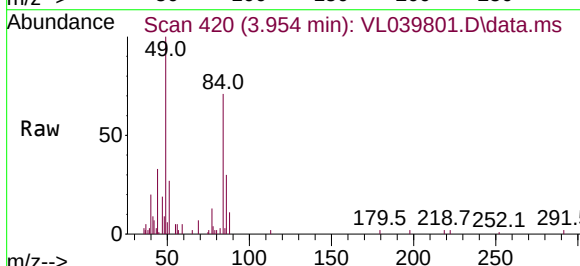
Ion Ratio Lower Upper

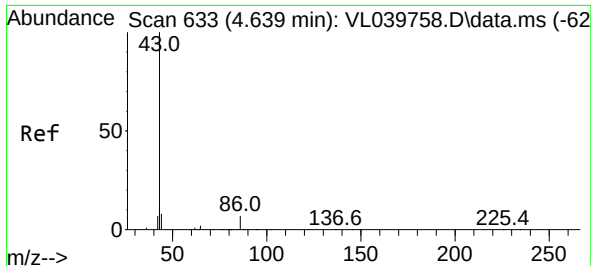
84 100

49 135.8 126.0 189.0

51 26.4 40.9 61.3#

86 43.0 52.4 78.6#

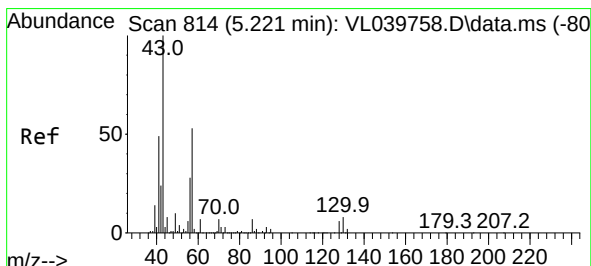
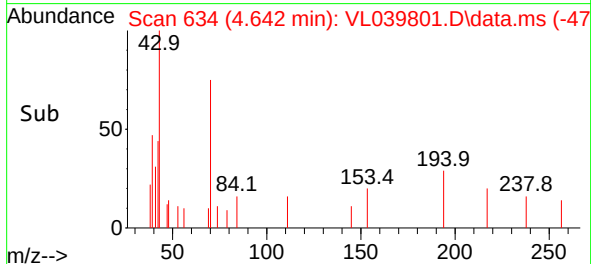
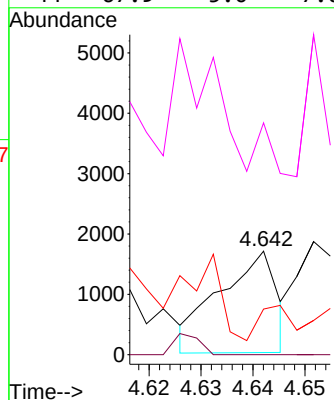
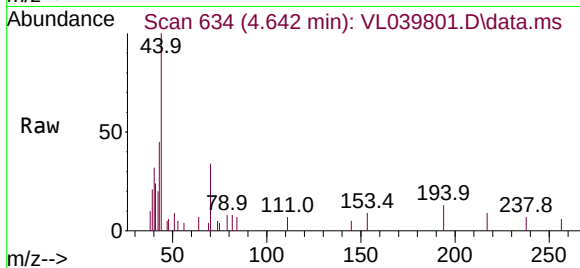




#23
 Vinyl Acetate
 Concen: 0.033 ppbv
 RT: 4.642 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL039801.D
 Acq: 25 Oct 2022 23:59

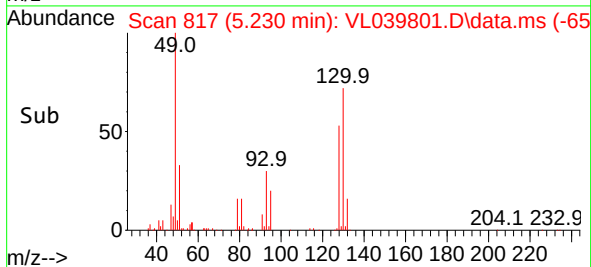
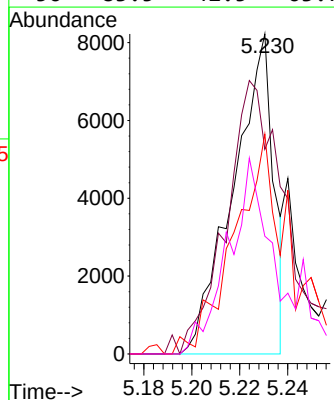
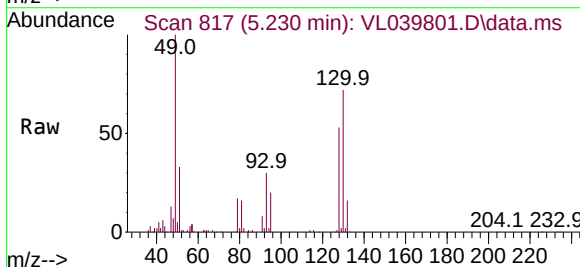
Instrument :
 MSVOA_L
 ClientSampleId :
 IDL

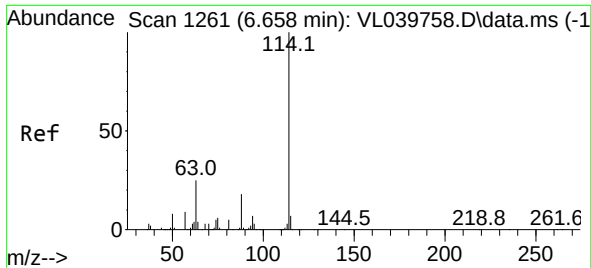
Tgt Ion:	43	Resp:	1284
Ion	Ratio	Lower	Upper
43	100		
86	0.0	4.9	7.3#
42	0.0	7.2	10.8#
44	67.9	5.0	7.6#



#26
 Hexane
 Concen: 0.117 ppbv
 RT: 5.230 min Scan# 817
 Delta R.T. 0.010 min
 Lab File: VL039801.D
 Acq: 25 Oct 2022 23:59

Tgt Ion:	57	Resp:	9619
Ion	Ratio	Lower	Upper
57	100		
41	135.1	76.1	114.1#
43	108.6	197.1	295.7#
56	83.5	42.5	63.7#

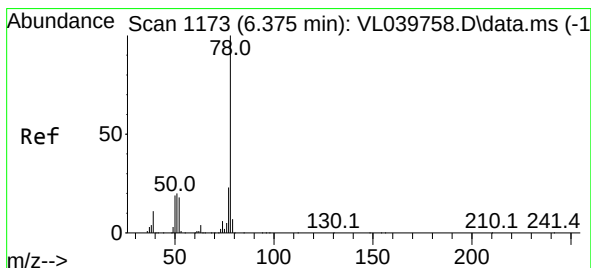
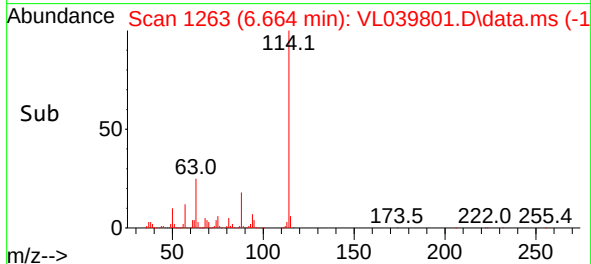
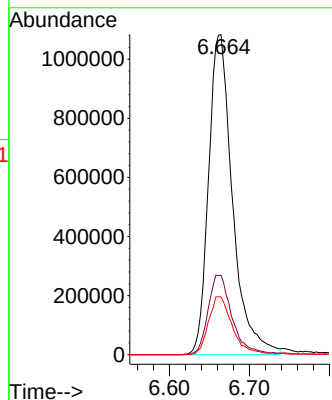
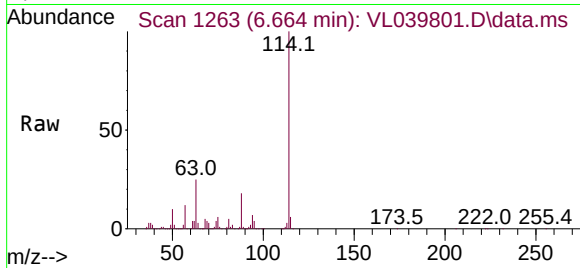




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VL039801.D
Acq: 25 Oct 2022 23:59

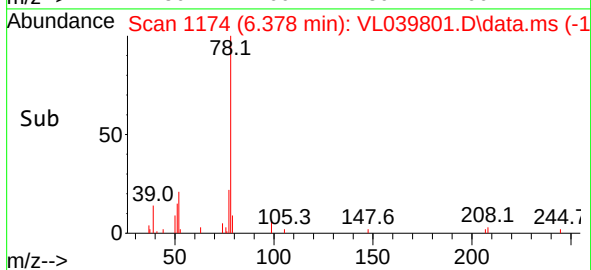
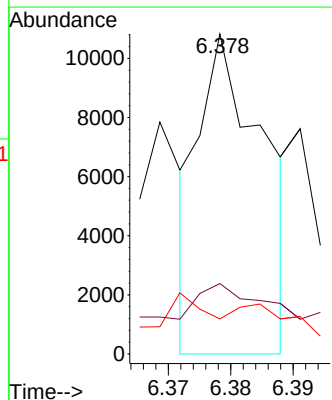
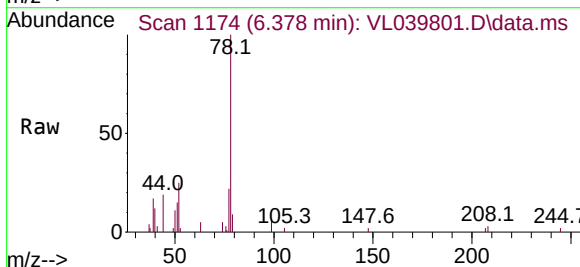
Instrument :
MSVOA_L
ClientSampleId :
IDL

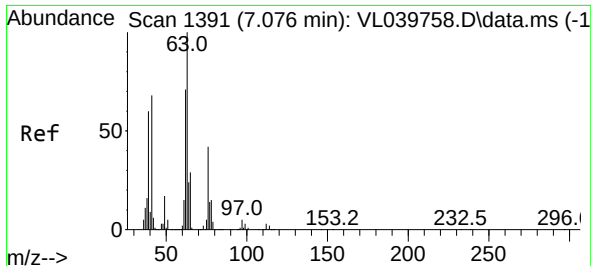
Tgt Ion:114 Resp: 2257743
Ion Ratio Lower Upper
114 100
63 25.5 20.1 30.1
88 18.4 14.5 21.7



#36
Benzene
Concen: 0.045 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. 0.003 min
Lab File: VL039801.D
Acq: 25 Oct 2022 23:59

Tgt Ion: 78 Resp: 7768
Ion Ratio Lower Upper
78 100
77 26.3 18.3 27.5
50 0.0 15.2 22.8#





#39

1,2-Dichloropropane

Concen: 8.316 ppbv

RT: 6.658 min Scan# 1

Delta R.T. -0.418 min

Lab File: VL039801.D

Acq: 25 Oct 2022 23:59

Instrument :

MSVOA_L

ClientSampleId :

IDL

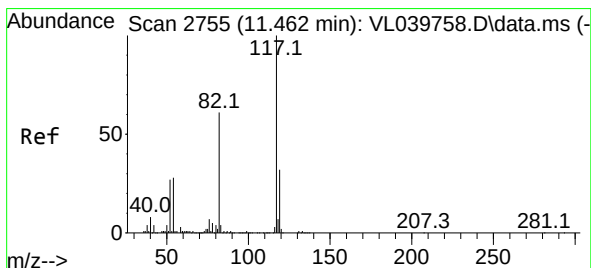
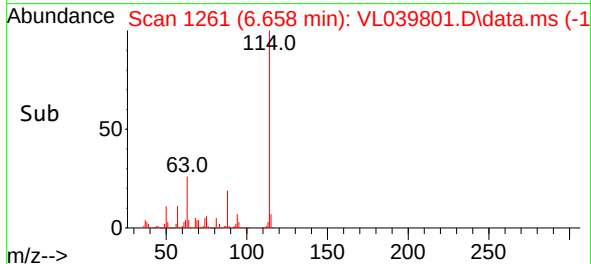
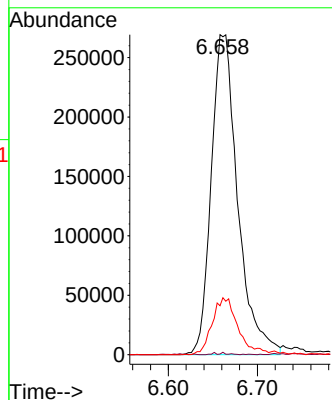
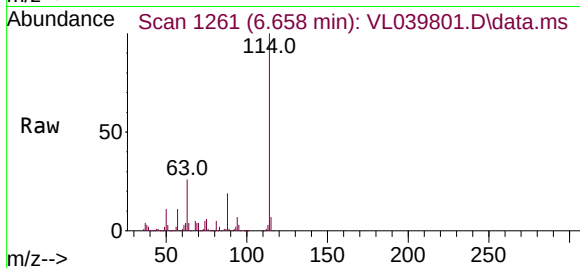
Tgt Ion: 63 Resp: 557075

Ion Ratio Lower Upper

63 100

41 0.0 54.5 81.7#

62 15.3 56.6 85.0#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.468 min Scan# 2757

Delta R.T. 0.006 min

Lab File: VL039801.D

Acq: 25 Oct 2022 23:59

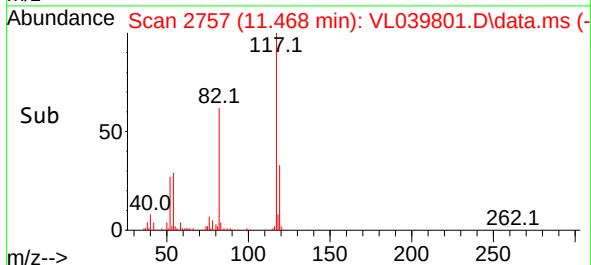
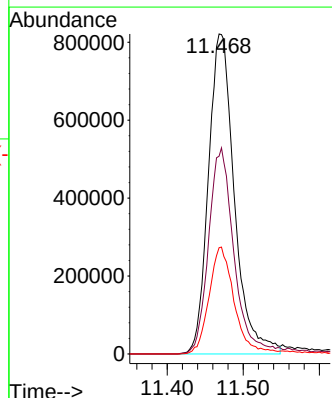
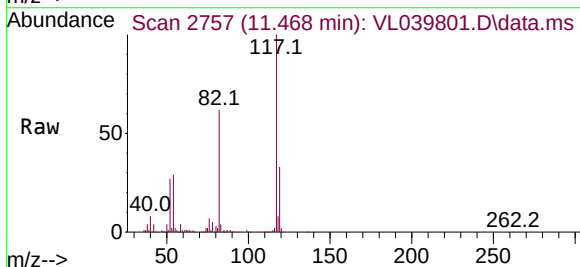
Tgt Ion: 117 Resp: 1950198

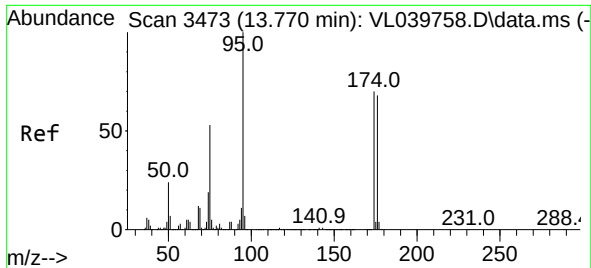
Ion Ratio Lower Upper

117 100

82 65.1 49.9 74.9

119 33.7 25.2 37.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.926 ppbv
 RT: 13.780 min Scan# 34
 Delta R.T. 0.010 min
 Lab File: VL039801.D
 Acq: 25 Oct 2022 23:59

Instrument :
 MSVOA_L
 ClientSampleId :
 IDL

Tgt Ion: 95 Resp: 1377103

Ion	Ratio	Lower	Upper
95	100		
174	73.9	57.3	85.9
175	5.1	4.2	6.2

