

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
 Data File : VL039771.D
 Acq On : 25 Oct 2022 00:11
 Operator : SY/AP
 Sample : N5227-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ADL

Quant Time: Oct 25 15:01:32 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)

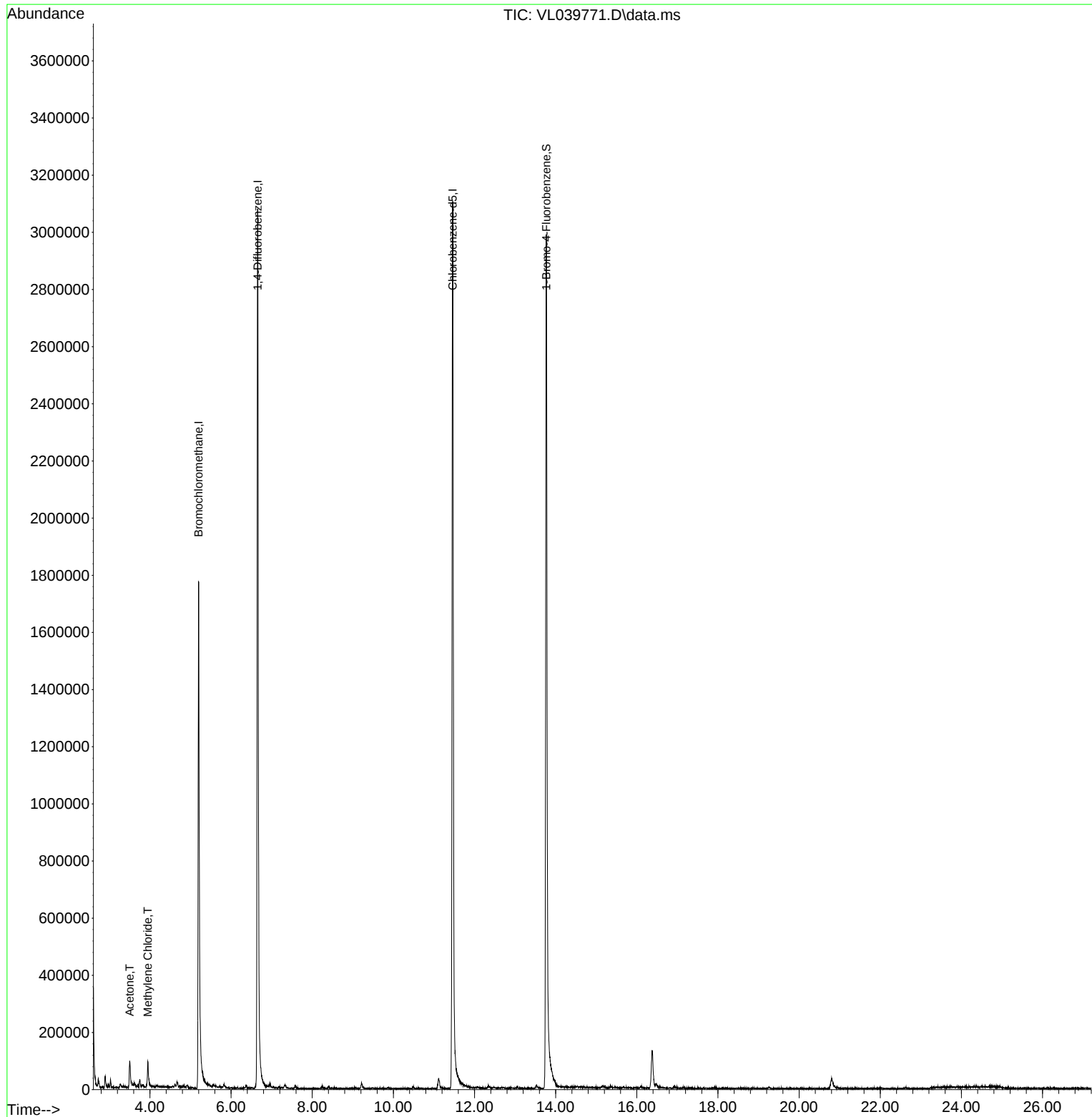
Internal Standards						
1) Bromochloromethane	5.198	49	973407	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2456928	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2100099	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1473960	9.866	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.700%
Target Compounds						
					Qvalue	
15) Acetone	3.501	43	81709	0.703	ppbv	95
20) Methylene Chloride	3.947	84	27713	0.627	ppbv #	96

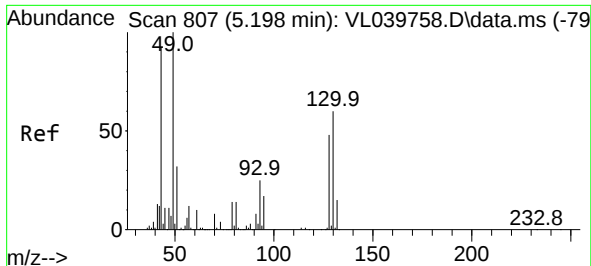
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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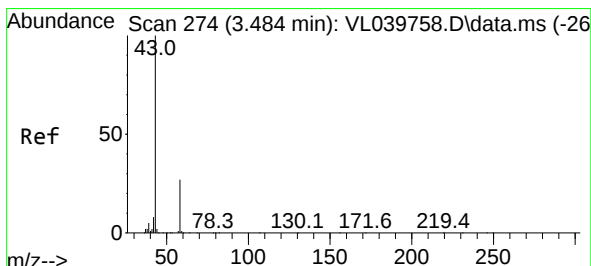
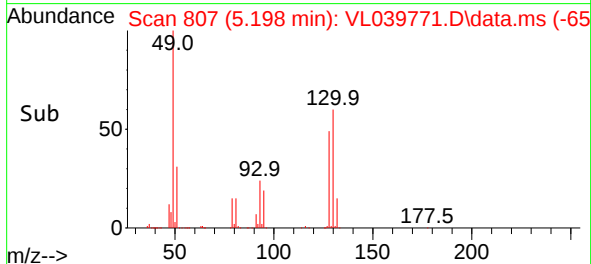
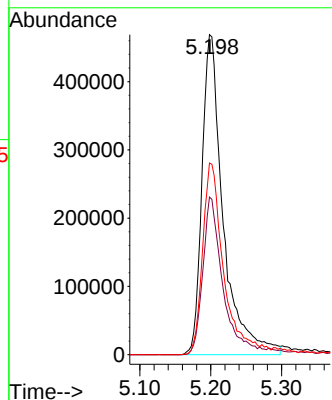
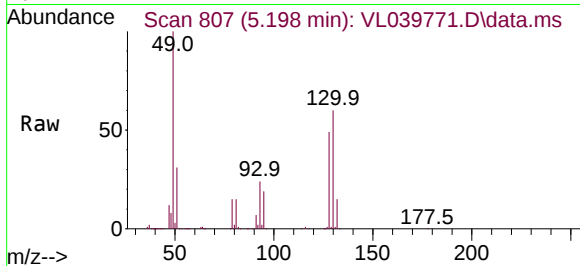




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.000 min
Lab File: VL039771.D
Acq: 25 Oct 2022 00:11

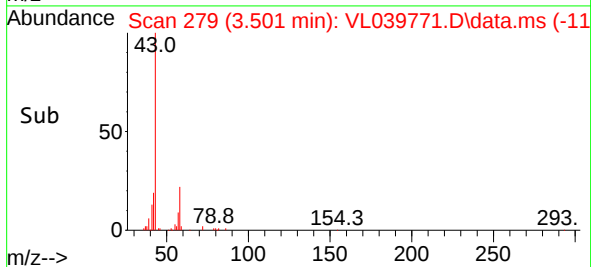
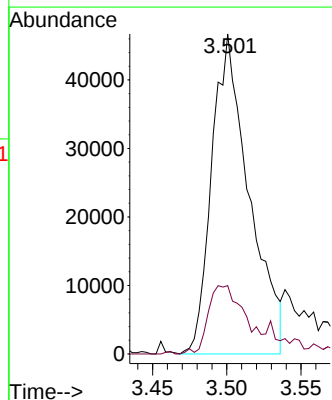
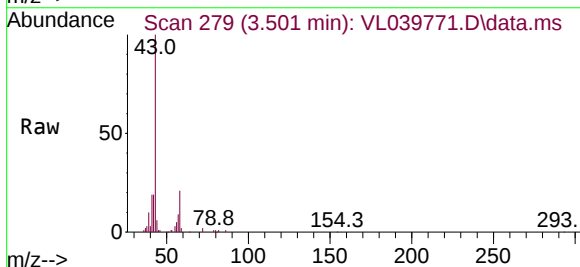
Instrument :
MSVOA_L
ClientSampleId :
ADL

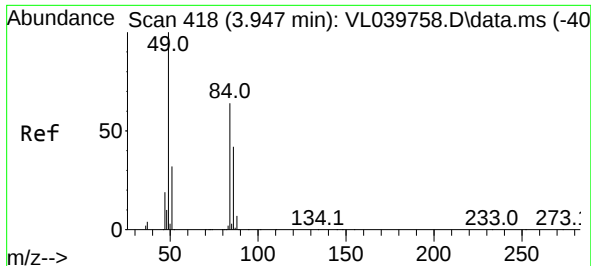
Tgt Ion: 49 Resp: 973407
Ion Ratio Lower Upper
49 100
128 48.4 24.6 74.0
130 61.4 31.8 95.3



#15
Acetone
Concen: 0.703 ppbv
RT: 3.501 min Scan# 279
Delta R.T. 0.016 min
Lab File: VL039771.D
Acq: 25 Oct 2022 00:11

Tgt Ion: 43 Resp: 81709
Ion Ratio Lower Upper
43 100
58 28.5 20.7 31.1



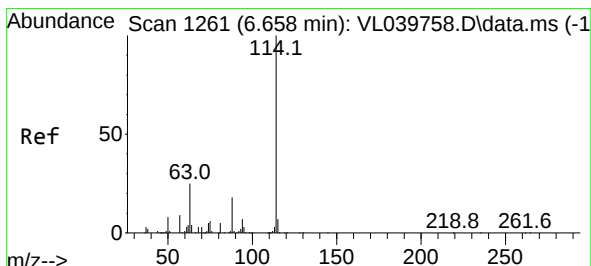
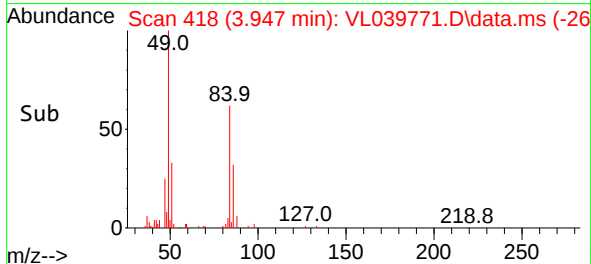
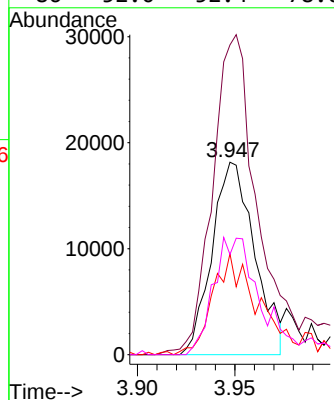
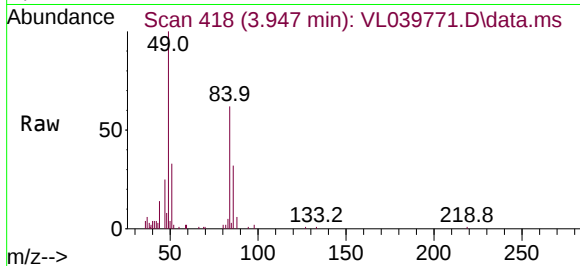


#20
Methylene Chloride
Concen: 0.627 ppbv
RT: 3.947 min Scan# 418
Delta R.T. 0.000 min
Lab File: VL039771.D
Acq: 25 Oct 2022 00:11

Instrument :
MSVOA_L
ClientSampleId :
ADL

Tgt Ion: 84 Resp: 27713

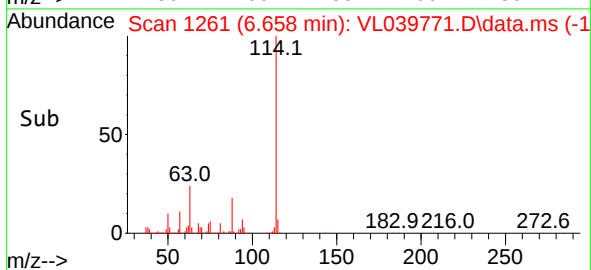
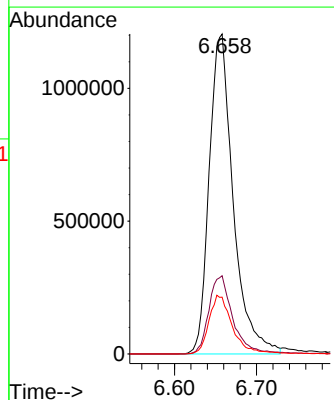
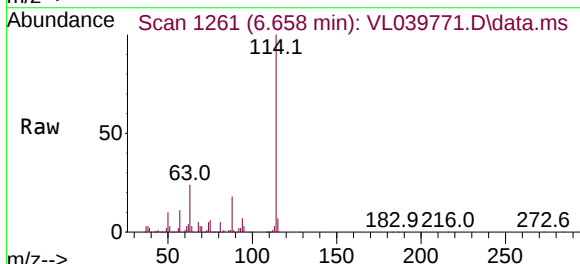
Ion	Ratio	Lower	Upper
84	100		
49	158.1	126.0	189.0
51	50.7	40.9	61.3
86	52.0	52.4	78.6

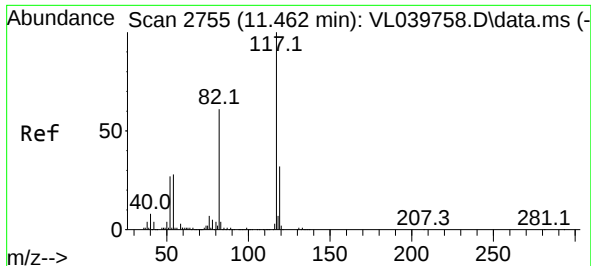


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VL039771.D
Acq: 25 Oct 2022 00:11

Tgt Ion: 114 Resp: 2456928

Ion	Ratio	Lower	Upper
114	100		
63	24.7	20.1	30.1
88	18.1	14.5	21.7

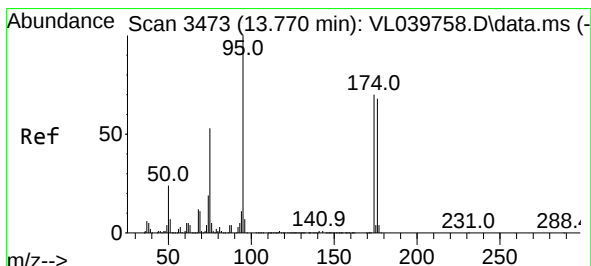
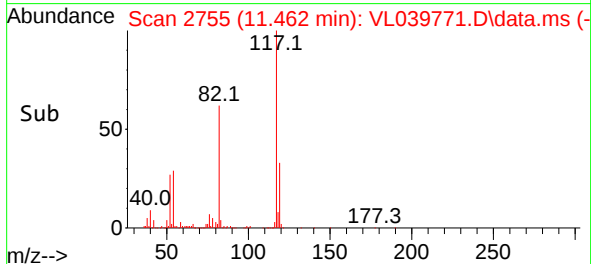
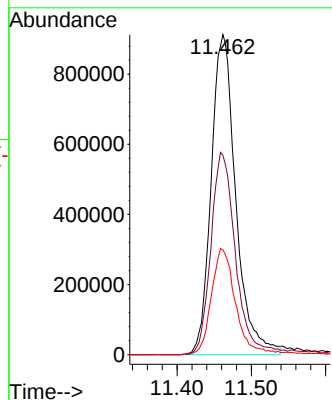
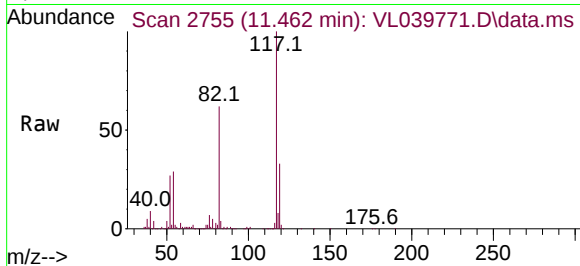




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039771.D
Acq: 25 Oct 2022 00:11

Instrument :
MSVOA_L
ClientSampleId :
ADL

Tgt Ion:117 Resp: 2100099
Ion Ratio Lower Upper
117 100
82 64.9 49.9 74.9
119 33.5 25.2 37.8



#68
1-Bromo-4-Fluorobenzene
Concen: 9.866 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. 0.000 min
Lab File: VL039771.D
Acq: 25 Oct 2022 00:11

Tgt Ion: 95 Resp: 1473960
Ion Ratio Lower Upper
95 100
174 75.0 57.3 85.9
175 5.8 4.2 6.2

