

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120123\
 Data File : VW033082.D
 Acq On : 01 Dec 2023 16:29
 Operator : SY/MD
 Sample : 04929-07ME
 Misc : 3.42G/5.0mL/100uL/5mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

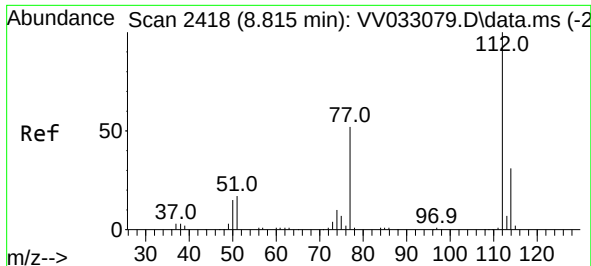
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ5ME

Quant Time: Dec 04 04:22:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 04 04:21:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	417049	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	422929	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	246644	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	152230	61.060	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 122.120%		
7) Chloroethane-d5	1.510	69	114598	65.970	ug/L	-0.02
Spiked Amount 50.000	Range 70	- 130	Recovery	= 131.940%#		
11) 1,1-Dichloroethene-d2	2.047	65	52610	55.470	ug/L	-0.01
Spiked Amount 50.000	Range 60	- 125	Recovery	= 110.940%		
21) 2-Butanone-d5	3.789	46	123444	99.690	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 99.690%		
24) Chloroform-d	4.246	84	288673	54.561	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 109.120%		
26) 1,2-Dichloroethane-d4	4.937	65	194099	59.006	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 118.020%		
32) Benzene-d6	4.957	84	569691	57.595	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 115.180%		
36) 1,2-Dichloropropane-d6	5.985	67	154194	57.978	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 115.960%		
41) Toluene-d8	7.243	98	550509	58.343	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 116.680%		
43) trans-1,3-Dichloroprop...	7.551	79	97359	57.891	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 115.780%		
47) 2-Hexanone-d5	8.040	63	115562	108.160	ug/L	0.02
Spiked Amount 100.000	Range 45	- 130	Recovery	= 108.160%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	201578	53.318	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 106.640%		
66) 1,2-Dichlorobenzene-d4	11.564	152	260942	59.462	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 118.920%		
Target Compounds						Qvalue
51) Chlorobenzene	8.815	112	151730	17.866	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	140277	18.463	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	416118	52.725	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	380385	51.069	ug/L	99
69) 1,3,5-Trichlorobenzene	12.590	180	5739	0.943	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	115251	20.498	ug/L	100

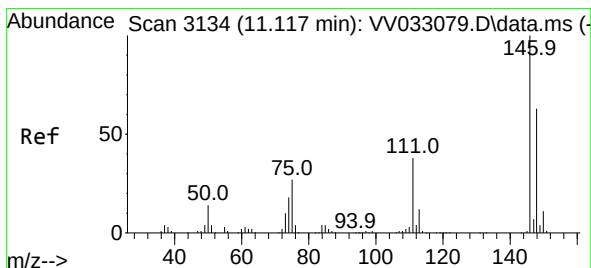
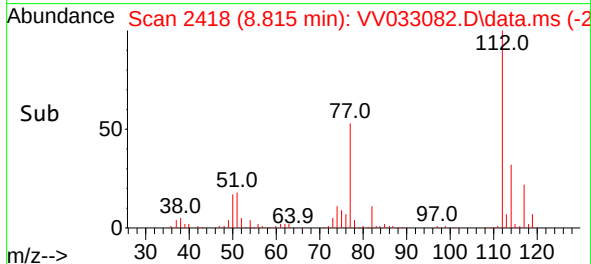
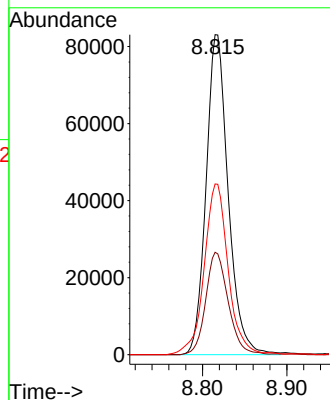
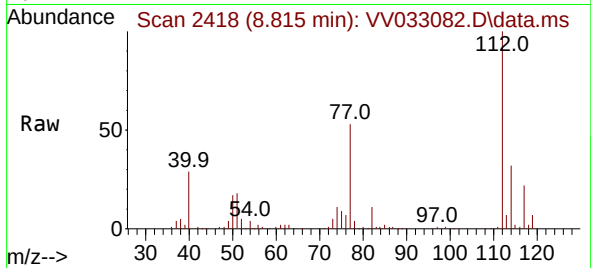
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#51
Chlorobenzene
Concen: 17.866 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. -0.000 min
Lab File: VV033082.D
Acq: 01 Dec 2023 16:29

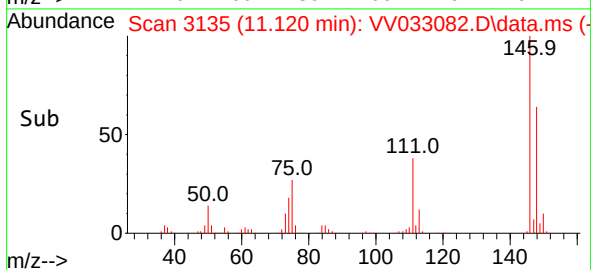
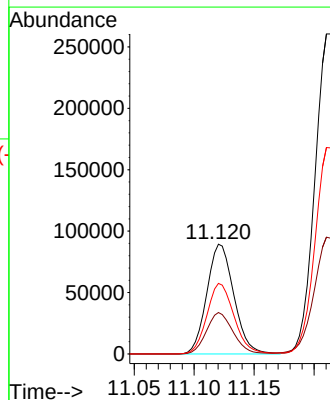
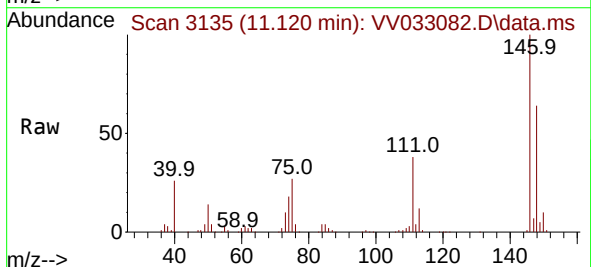
Instrument :
MSVOA_V
ClientSampleId :
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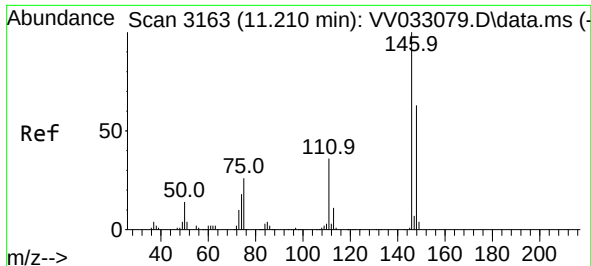
Tgt Ion:112 Resp: 151730
Ion Ratio Lower Upper
112 100
114 32.0 22.9 42.5
77 53.4 42.6 64.0



#64
1,3-Dichlorobenzene
Concen: 18.463 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.003 min
Lab File: VV033082.D
Acq: 01 Dec 2023 16:29

Tgt Ion:146 Resp: 140277
Ion Ratio Lower Upper
146 100
111 37.8 26.2 48.6
148 64.3 44.5 82.7

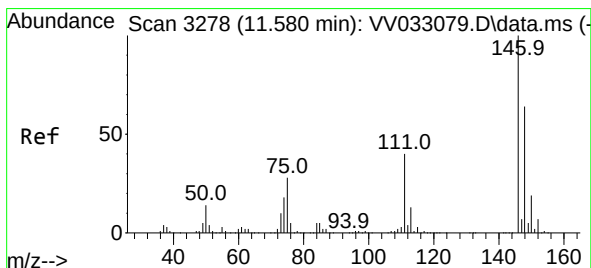
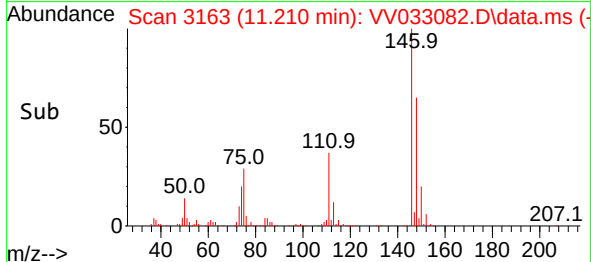
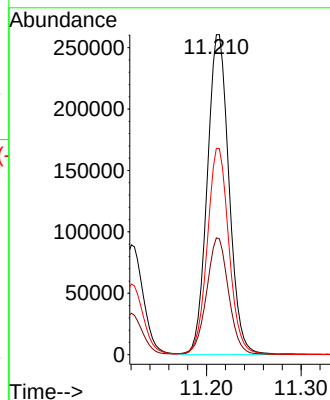
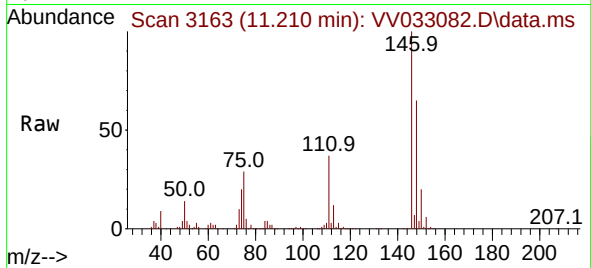




#65
1,4-Dichlorobenzene
Concen: 52.725 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV033082.D
Acq: 01 Dec 2023 16:29

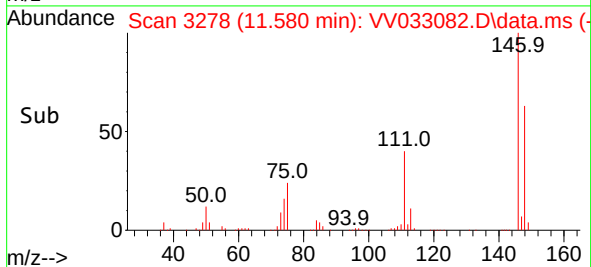
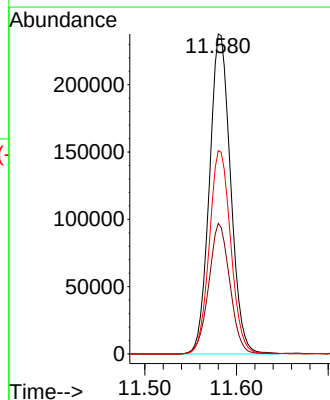
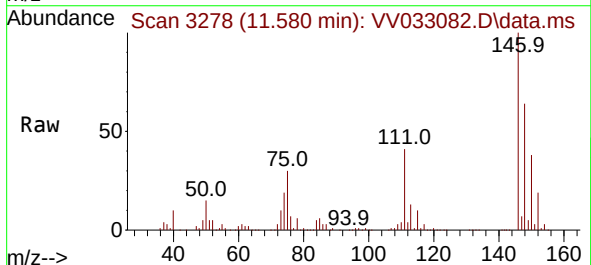
Instrument :
MSVOA_V
ClientSampleId :
C0AQ5ME

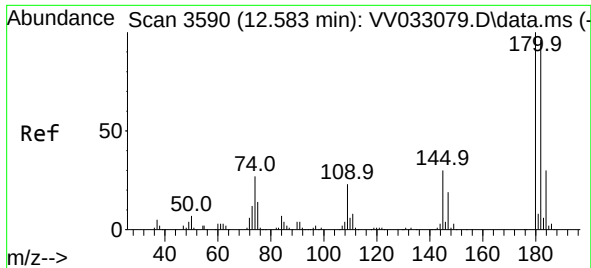
Tgt Ion:146 Resp: 416118
Ion Ratio Lower Upper
146 100
111 36.5 25.9 48.1
148 64.5 44.9 83.5



#67
1,2-Dichlorobenzene
Concen: 51.069 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VV033082.D
Acq: 01 Dec 2023 16:29

Tgt Ion:146 Resp: 380385
Ion Ratio Lower Upper
146 100
111 40.8 32.4 48.6
148 63.5 51.8 77.8

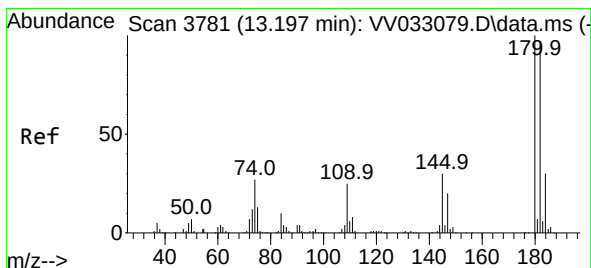
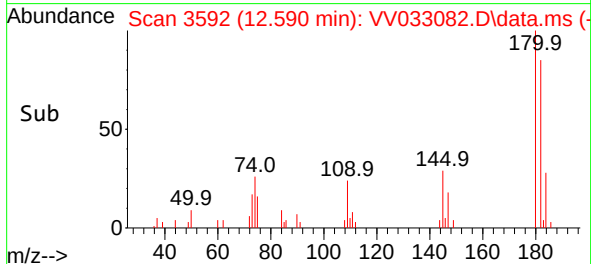
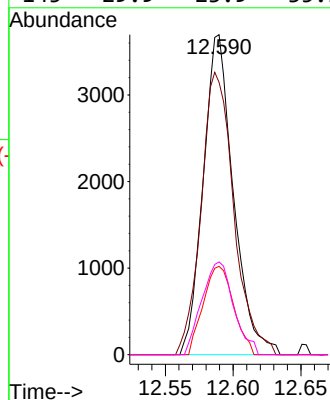
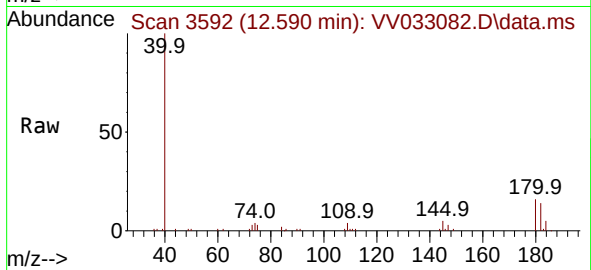




#69
 1,3,5-Trichlorobenzene
 Concen: 0.943 ug/L
 RT: 12.590 min Scan# 3592
 Delta R.T. 0.006 min
 Lab File: VV033082.D
 Acq: 01 Dec 2023 16:29

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ5ME

Tgt Ion:180	Resp:	5739
Ion Ratio	Lower	Upper
180	100	
182	95.2	76.2 114.4
184	27.7	24.2 36.4
145	29.9	23.9 35.9



#70
 1,2,4-trichlorobenzene
 Concen: 20.498 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.003 min
 Lab File: VV033082.D
 Acq: 01 Dec 2023 16:29

Tgt Ion:180	Resp:	115251
Ion Ratio	Lower	Upper
180	100	
182	95.1	76.3 114.5
145	29.5	23.4 35.0

