

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121223\
 Data File : VW033260.D
 Acq On : 12 Dec 2023 13:43
 Operator : SY/MD
 Sample : 05752-01 40X
 Misc : 4.22g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 9 Sample Multiplier: 1

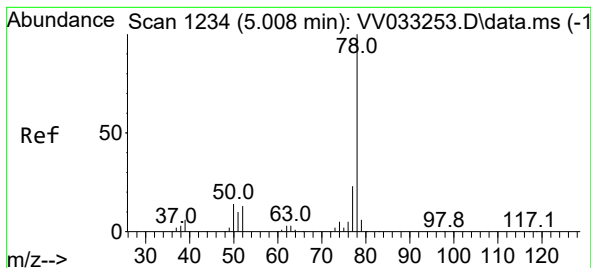
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AS9

Quant Time: Dec 13 00:42:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	263577	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	262454	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	141580	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	65532	41.590	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.180%
7) Chloroethane-d5	1.532	69	48311	44.004	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.059	65	25798	43.038	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.080%
21) 2-Butanone-d5	3.783	46	56227	71.846	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	71.850%
24) Chloroform-d	4.249	84	141403	42.287	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.580%
26) 1,2-Dichloroethane-d4	4.940	65	94405	45.409	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.820%
32) Benzene-d6	4.960	84	278647	45.396	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	5.989	67	70598	42.776	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.560%
41) Toluene-d8	7.243	98	260861	44.550	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.100%
43) trans-1,3-Dichloroprop...	7.554	79	41127	39.408	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.820%
47) 2-Hexanone-d5	8.024	63	48353	72.927	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.930%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	96501	41.132	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.260%
66) 1,2-Dichlorobenzene-d4	11.561	152	119726	47.528	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.060%
Target Compounds						
					Qvalue	
33) Benzene	5.011	78	100065	15.046	ug/L	100
51) Chlorobenzene	8.812	112	701520	133.109	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	4545	1.042	ug/L	94
65) 1,4-Dichlorobenzene	11.210	146	108860	24.029	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	8051	1.883	ug/L	94
70) 1,2,4-trichlorobenzene	13.201	180	14268	4.421	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	7416	2.381	ug/L	98

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



#33

Benzene

Concen: 15.046 ug/L

RT: 5.011 min Scan# 1

Delta R.T. 0.006 min

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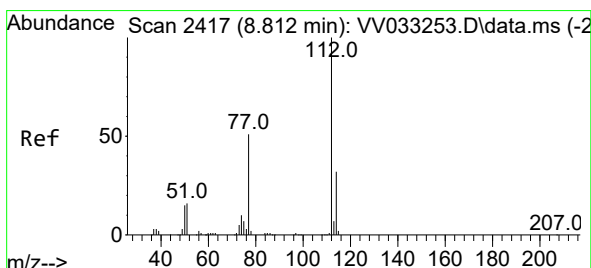
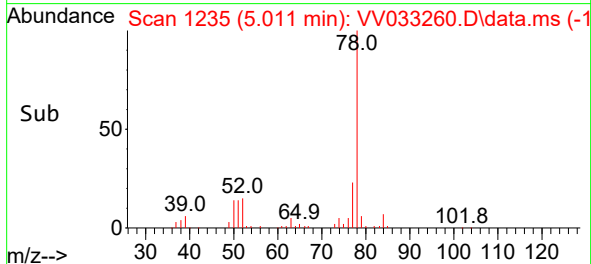
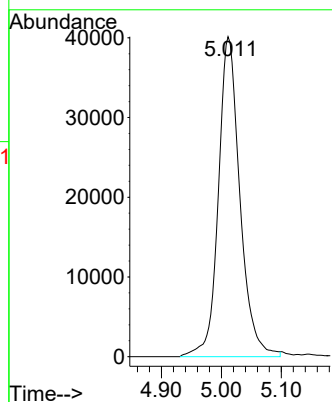
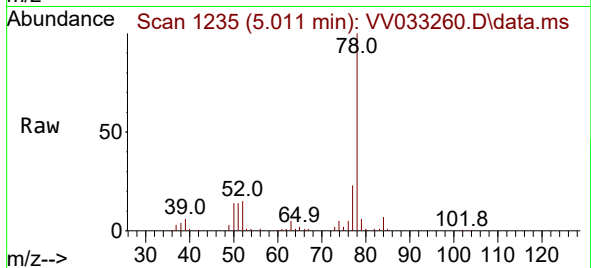
Instrument :

MSVOA_V

ClientSampleId :

C0AS9

Tgt Ion: 78 Resp: 100065



#51

Chlorobenzene

Concen: 133.109 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.000 min

Lab File: VV033260.D

Acq: 12 Dec 2023 13:43

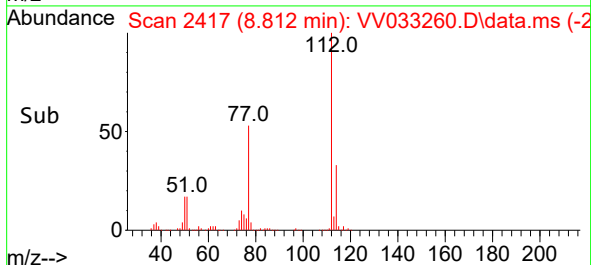
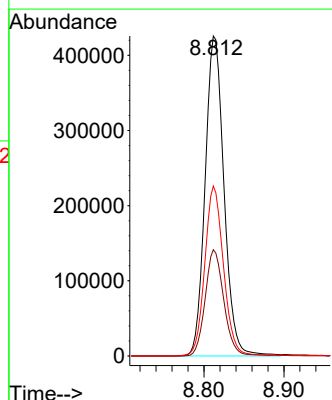
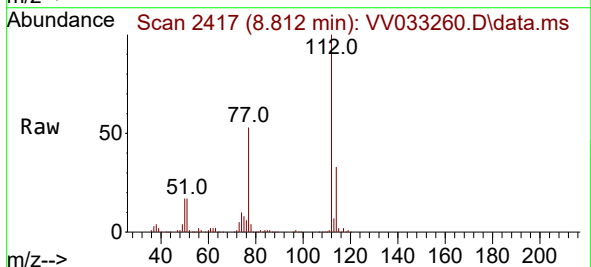
Tgt Ion: 112 Resp: 701520

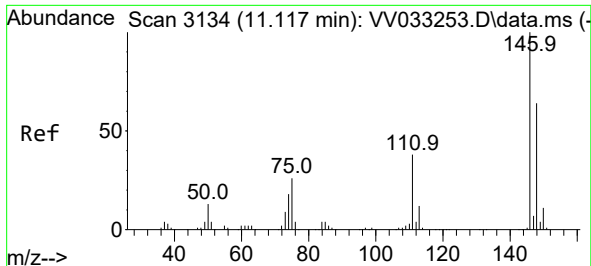
Ion Ratio Lower Upper

112 100

114 33.2 22.9 42.5

77 53.1 42.6 64.0

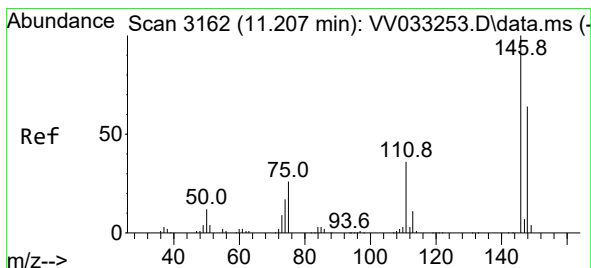
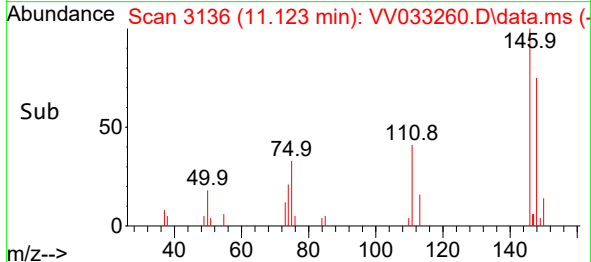
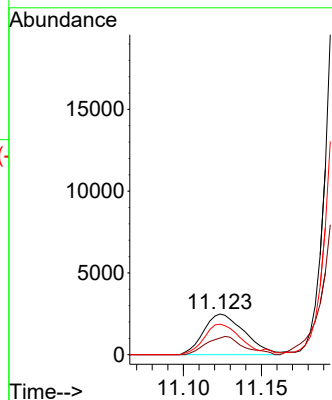
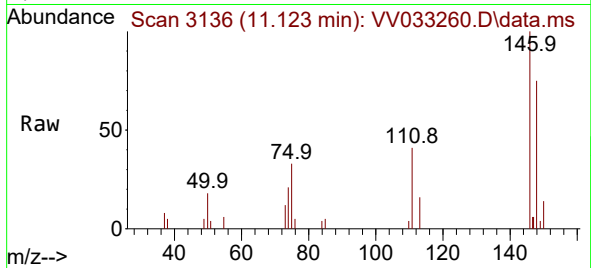




#64
1,3-Dichlorobenzene
Concen: 1.042 ug/L
RT: 11.123 min Scan# 3134
Delta R.T. 0.006 min
Lab File: VV033260.D
Acq: 12 Dec 2023 13:43

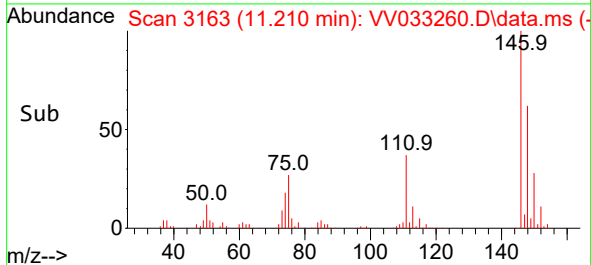
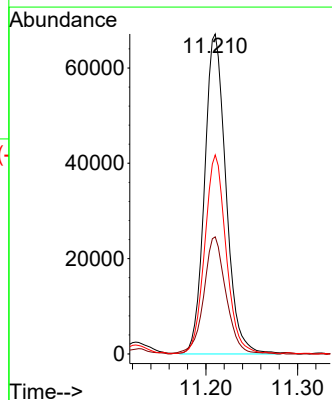
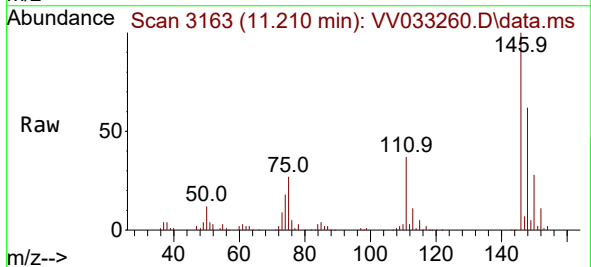
Instrument :
MSVOA_V
ClientSampleId :
C0AS9

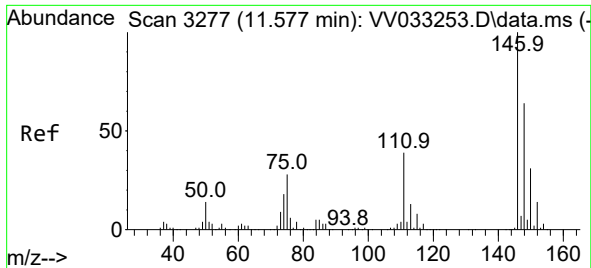
Tgt Ion:146 Resp: 4545
Ion Ratio Lower Upper
146 100
111 38.5 26.2 48.6
148 70.5 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 24.029 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV033260.D
Acq: 12 Dec 2023 13:43

Tgt Ion:146 Resp: 108860
Ion Ratio Lower Upper
146 100
111 36.6 25.9 48.1
148 62.2 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 1.883 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033260.D

Acq: 12 Dec 2023 13:43

Instrument :

MSVOA_V

ClientSampleId :

C0AS9

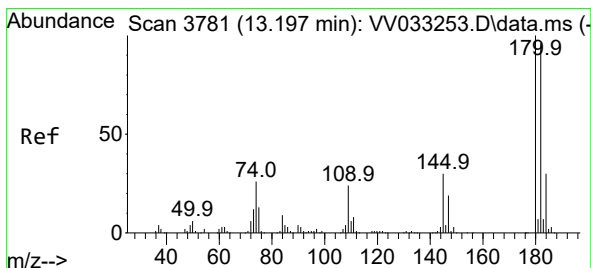
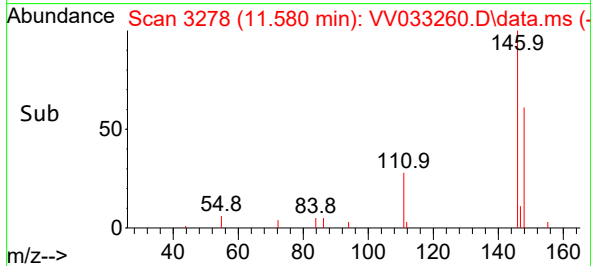
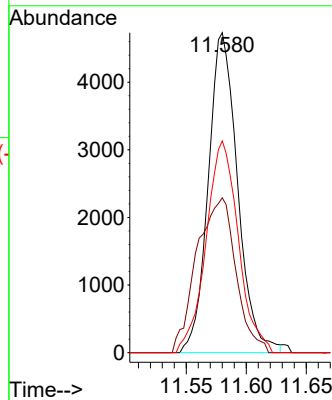
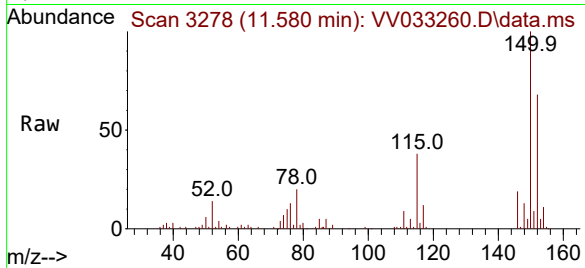
Tgt Ion:146 Resp: 8051

Ion Ratio Lower Upper

146 100

111 48.4 32.4 48.6

148 66.1 51.8 77.8



#70

1,2,4-trichlorobenzene

Concen: 4.421 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV033260.D

Acq: 12 Dec 2023 13:43

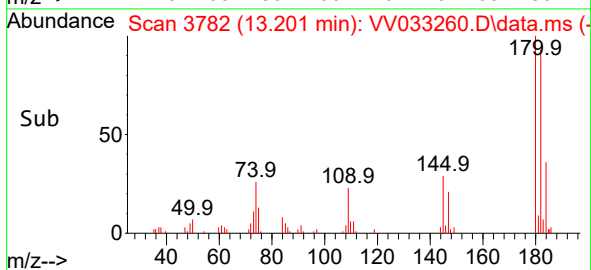
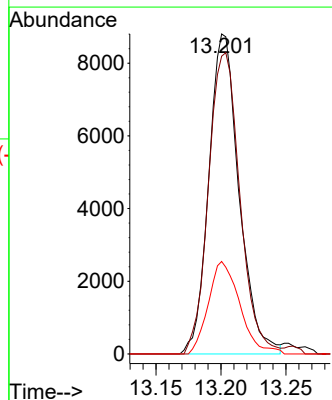
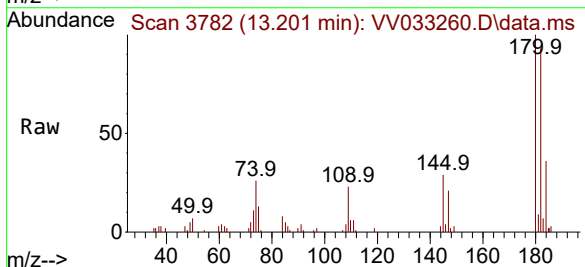
Tgt Ion:180 Resp: 14268

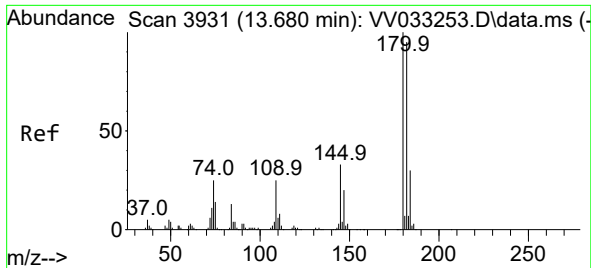
Ion Ratio Lower Upper

180 100

182 97.4 76.3 114.5

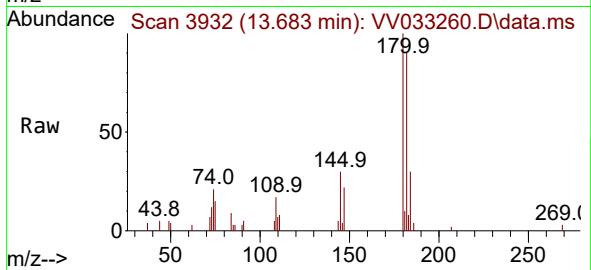
145 30.0 23.4 35.0





#72
 1,2,3-Trichlorobenzene
 Concen: 2.381 ug/L
 RT: 13.683 min Scan# 3932
 Delta R.T. 0.003 min
 Lab File: VV033260.D
 Acq: 12 Dec 2023 13:43

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AS9



Tgt Ion:	180	Resp:	7416
Ion	Ratio	Lower	Upper
180	100		
182	91.1	75.2	112.8
145	31.1	24.9	37.3

