

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031825\
 Data File : VD080281.D
 Acq On : 18 Mar 2025 15:14
 Operator : RP/MD
 Sample : VD0318SBL01
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

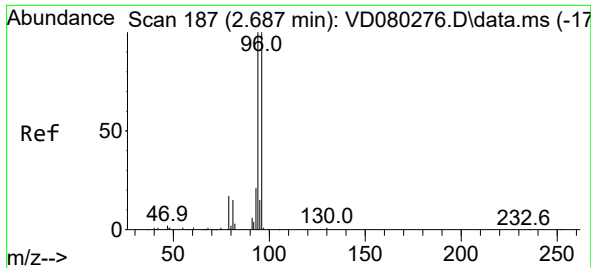
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0208

Quant Time: Mar 24 11:18:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM031825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Mar 24 09:47:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	170866	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	157814	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	75171	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	108347	19.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.04%		
7) Chloroethane-d5	2.799	69	105886	21.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.48%		
11) 1,1-Dichloroethene-d2	3.911	65	23888	20.19	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	80.76%		
21) 2-Butanone-d5	6.981	46	26218	44.40	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	88.80%		
24) Chloroform-d	7.563	84	119799	22.74	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	90.96%		
26) 1,2-Dichloroethane-d4	8.228	65	65676	22.81	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	91.24%		
32) Benzene-d6	8.199	84	222842	24.17	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.68%		
36) 1,2-Dichloropropane-d6	9.205	67	78167	26.28	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	105.12%		
41) Toluene-d8	10.269	98	208508	25.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	100.20%		
43) trans-1,3-Dichloroprop...	10.522	79	29529	24.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	96.44%		
47) 2-Hexanone-d5	10.875	63	16857	39.16	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.32%		
56) 1,1,2,2-Tetrachloroeth...	12.646	84	54067	20.45	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	81.80%		
66) 1,2-Dichlorobenzene-d4	13.816	152	64933	24.66	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	98.64%		
Target Compounds						Qvalue
6) Bromomethane	2.693	94	1021	0.29	ug/L	96
13) Acetone	4.040	43	981	1.54	ug/L	65
25) Chloroform	7.599	83	9902	1.74	ug/L	95
34) Trichloroethene	8.775	95	5707	2.08	ug/L #	4
39) cis-1,3-Dichloropropene	9.981	75	2104	0.49	ug/L #	64

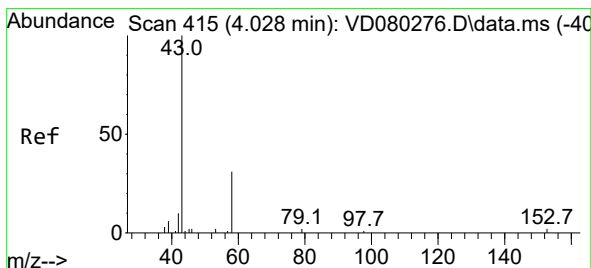
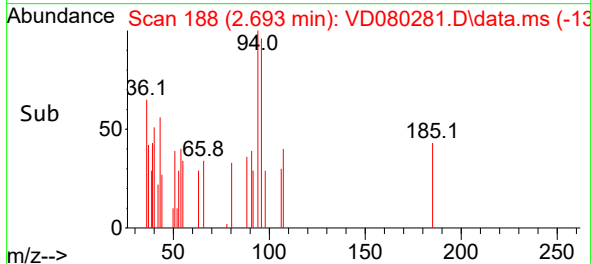
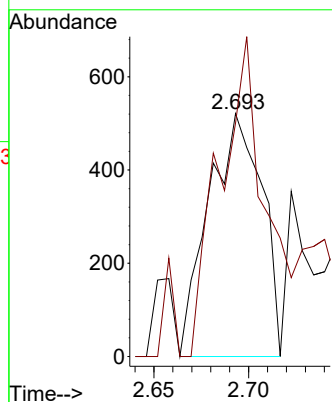
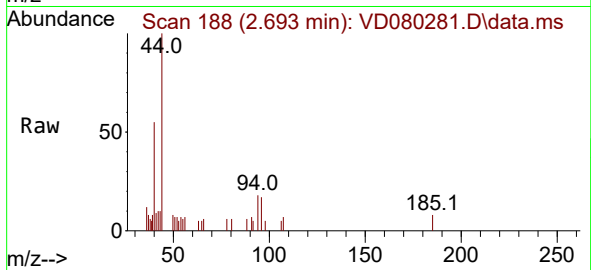
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#6
Bromomethane
Concen: 0.29 ug/L
RT: 2.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD080281.D
Acq: 18 Mar 2025 15:14

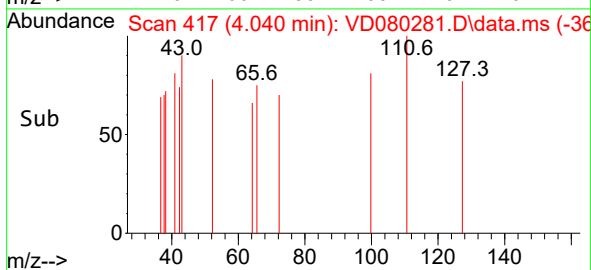
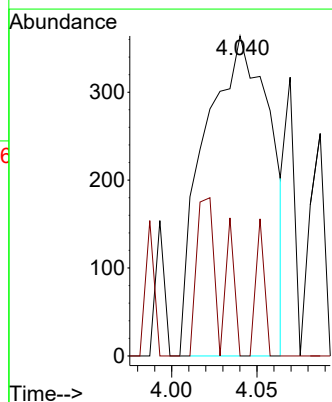
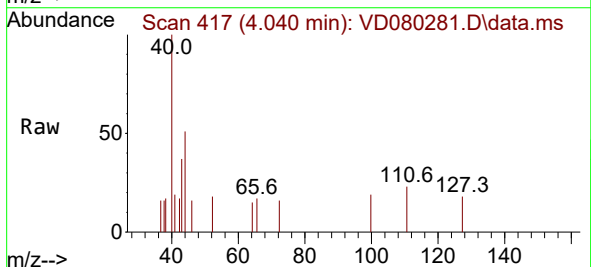
Instrument :
MSVOA_D
ClientSampleId :
VD0208

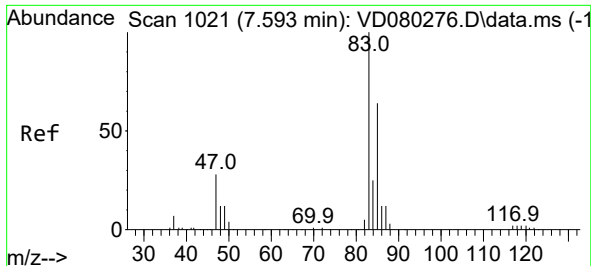
Tgt Ion: 94 Resp: 1021
Ion Ratio Lower Upper
94 100
96 96.2 70.3 130.5



#13
Acetone
Concen: 1.54 ug/L
RT: 4.040 min Scan# 417
Delta R.T. 0.012 min
Lab File: VD080281.D
Acq: 18 Mar 2025 15:14

Tgt Ion: 43 Resp: 981
Ion Ratio Lower Upper
43 100
58 12.7 0.0 65.2

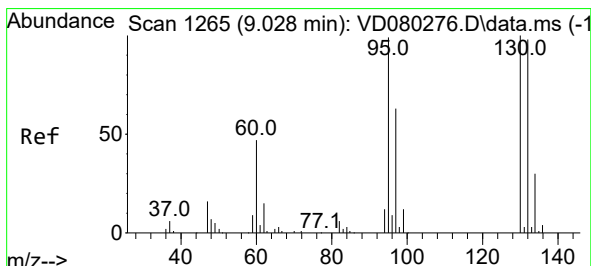
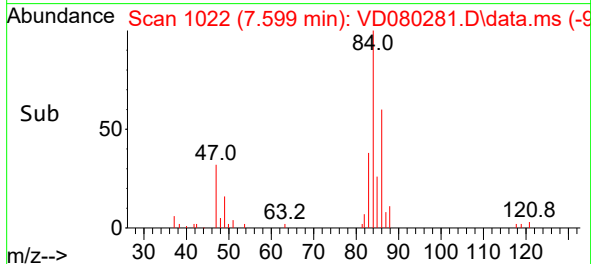
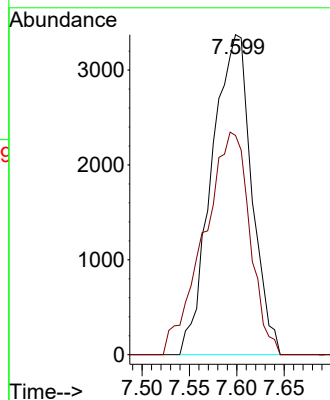
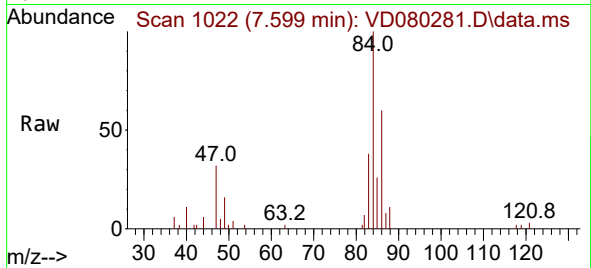




#25
Chloroform
Concen: 1.74 ug/L
RT: 7.599 min Scan# 1021
Delta R.T. 0.006 min
Lab File: VD080281.D
Acq: 18 Mar 2025 15:14

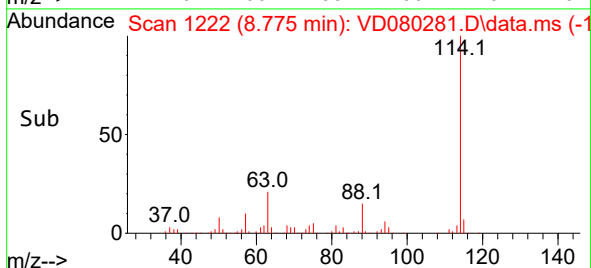
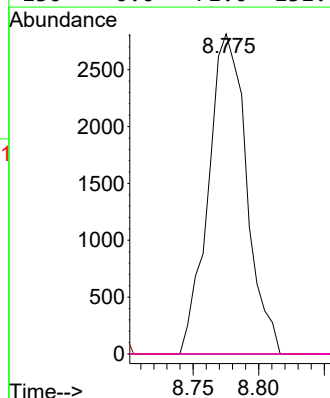
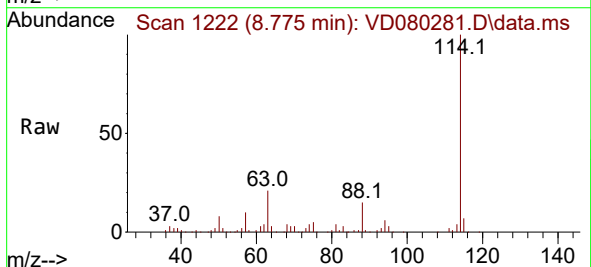
Instrument :
MSVOA_D
ClientSampleId :
VD0208

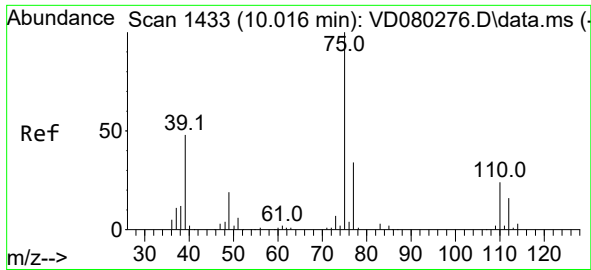
Tgt Ion: 83 Resp: 9902
Ion Ratio Lower Upper
83 100
85 68.5 45.1 83.7



#34
Trichloroethene
Concen: 2.08 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD080281.D
Acq: 18 Mar 2025 15:14

Tgt Ion: 95 Resp: 5707
Ion Ratio Lower Upper
95 100
97 0.0 45.1 83.7#
132 0.0 69.5 129.1#
130 0.0 71.0 131.8#





#39

cis-1,3-Dichloropropene

Concen: 0.49 ug/L

RT: 9.981 min Scan# 14

Delta R.T. -0.035 min

Lab File: VD080281.D

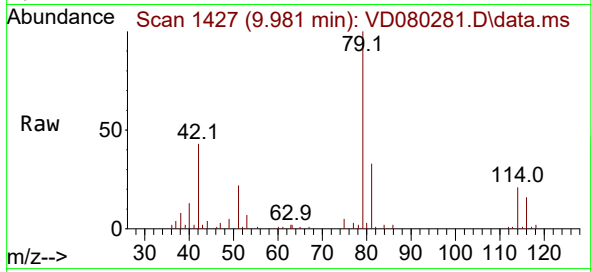
Acq: 18 Mar 2025 15:14

Instrument :

MSVOA_D

ClientSampleId :

VD0208



Tgt Ion: 75 Resp: 2104

Ion Ratio Lower Upper

75 100

77 54.1 23.7 43.9#

