

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
 Data File : VU057522.D
 Acq On : 15 Jan 2024 12:11
 Operator : MD/SY
 Sample : P1120-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

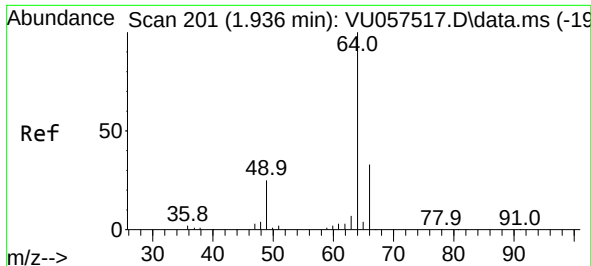
Instrument :
 MSVOA_U
 ClientSampleId :
 BGWH2

Quant Time: Jan 16 00:33:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 16 00:31:32 2024
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		6.245	114	186955	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.412	117	155101	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.807	152	74888	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.599	65	95972	5.060	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130		Recovery	= 101.200%		
7) Chloroethane-d5		1.914	69	81274	5.507	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130		Recovery	= 110.200%		
11) 1,1-Dichloroethene-d2		2.563	65	41261	5.144	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125		Recovery	= 102.800%		
20) 2-Butanone-d5		4.631	46	279280	77.840	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130		Recovery	= 155.680%#		
24) Chloroform-d		5.055	84	176931	5.399	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125		Recovery	= 108.000%		
26) 1,2-Dichloroethane-d4		5.695	65	106049	6.719	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130		Recovery	= 134.400%#		
32) Benzene-d6		5.721	84	331018	5.851	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125		Recovery	= 117.000%		
36) 1,2-Dichloropropane-d6		6.682	67	111732	6.335	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140		Recovery	= 126.800%		
41) Toluene-d8		7.894	98	255423	5.349	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130		Recovery	= 107.000%		
43) trans-1,3-Dichloroprop...		8.177	79	34652	5.651	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130		Recovery	= 113.000%		
46) 2-Hexanone-d5		8.631	63	181998	81.975	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130		Recovery	= 163.960%#		
56) 1,1,2,2-Tetrachloroeth...		10.753	84	100534	8.439	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120		Recovery	= 168.800%#		
66) 1,2-Dichlorobenzene-d4		12.190	152	86277	5.737	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120		Recovery	= 114.800%		
Target Compounds							
8) Chloroethane		1.933	64	2624	0.298	ug/L	87
12) 1,1-Dichloroethene		2.576	96	13301	1.218	ug/L #	1
16) Methylene chloride		3.046	84	2742	0.186	ug/L	85
19) 1,1-Dichloroethane		3.862	63	61236	2.503	ug/L	98
22) cis-1,2-Dichloroethene		4.663	96	14227	1.127	ug/L	96
34) Trichloroethene		6.537	95	41819	3.493	ug/L	98
47) Tetrachloroethene		8.547	164	4940	0.621	ug/L	95

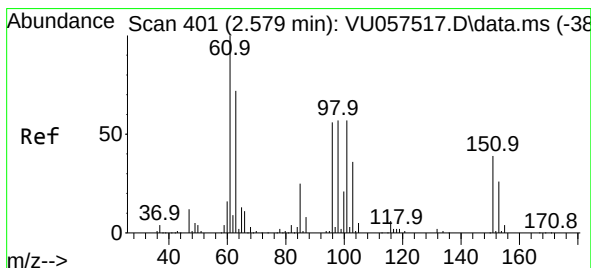
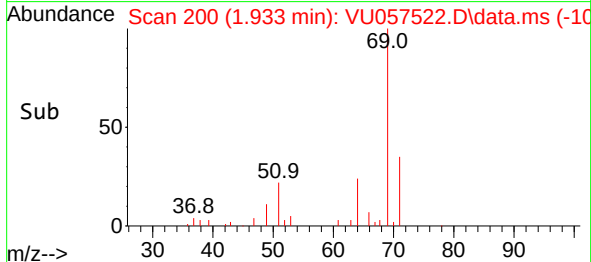
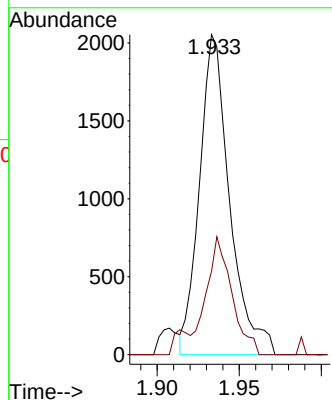
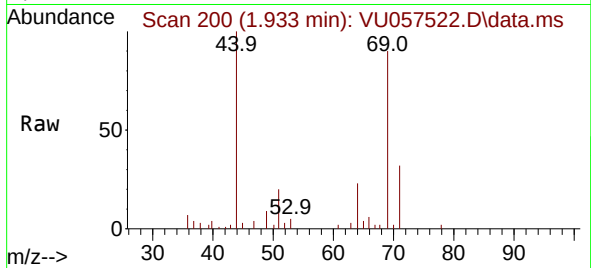
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8
Chloroethane
Concen: 0.298 ug/L
RT: 1.933 min Scan# 201
Delta R.T. -0.003 min
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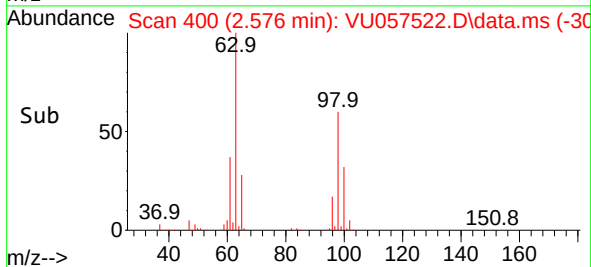
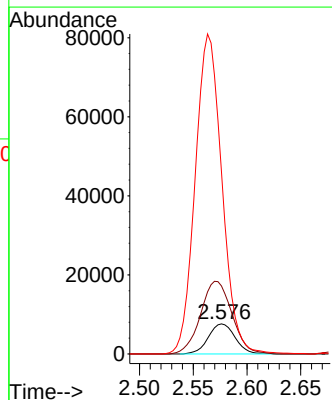
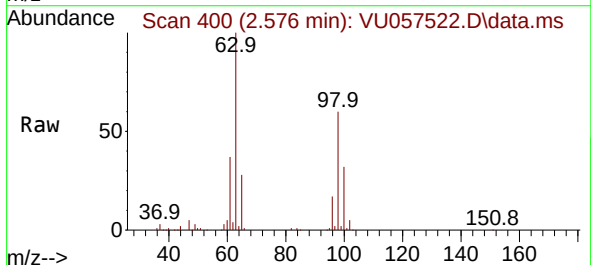
Instrument :
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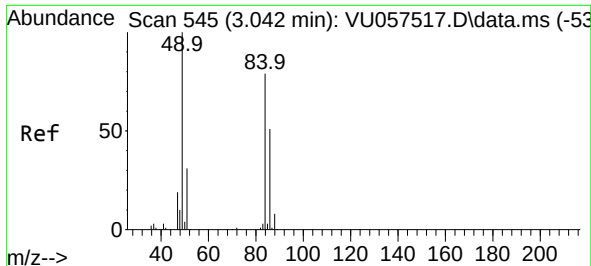
Tgt Ion: 64 Resp: 2624
Ion Ratio Lower Upper
64 100
66 26.1 23.3 43.3



#12
1,1-Dichloroethene
Concen: 1.218 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU057522.D
Acq: 15 Jan 2024 12:11

Tgt Ion: 96 Resp: 13301
Ion Ratio Lower Upper
96 100
61 225.7 130.9 243.1
63 603.9 114.8 213.2#

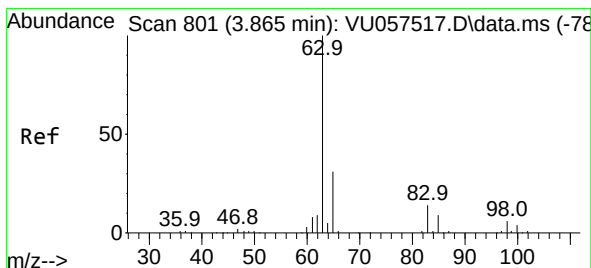
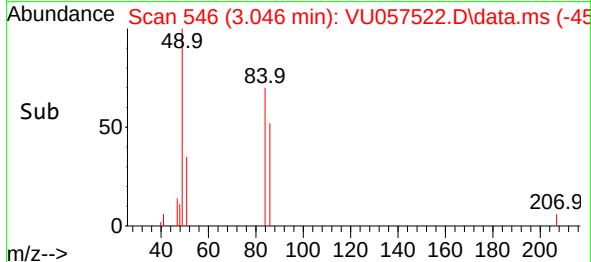
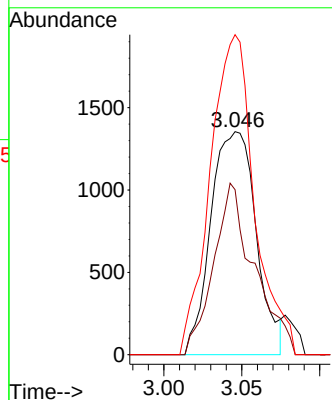
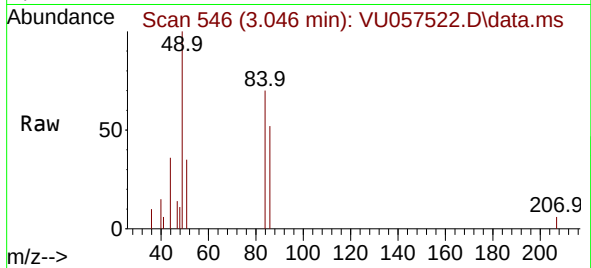




#16
Methylene chloride
Concen: 0.186 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU057522.D
Acq: 15 Jan 2024 12:11

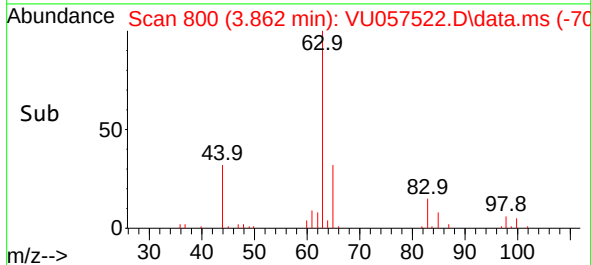
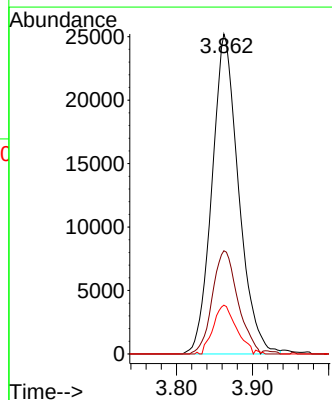
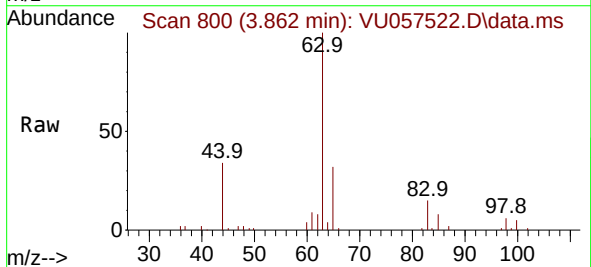
Instrument :
MSVOA_U
ClientSampleId :
BGWH2

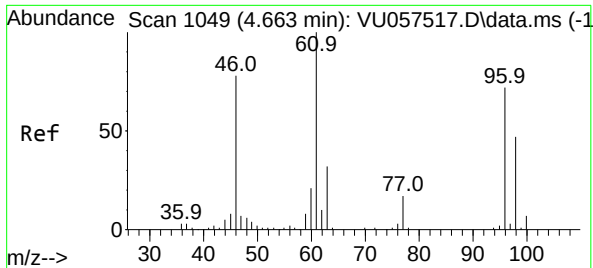
Tgt Ion: 84 Resp: 2742
Ion Ratio Lower Upper
84 100
86 74.0 45.8 85.2
49 143.5 86.7 161.1



#19
1,1-Dichloroethane
Concen: 2.503 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.003 min
Lab File: VU057522.D
Acq: 15 Jan 2024 12:11

Tgt Ion: 63 Resp: 61236
Ion Ratio Lower Upper
63 100
65 32.3 22.3 41.3
83 15.2 9.1 16.9

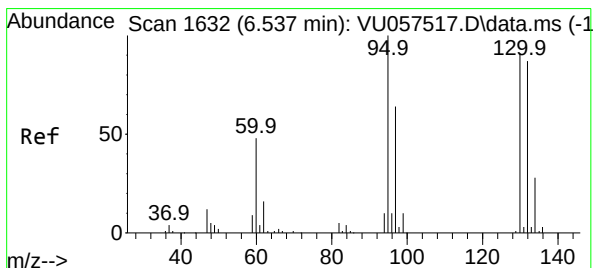
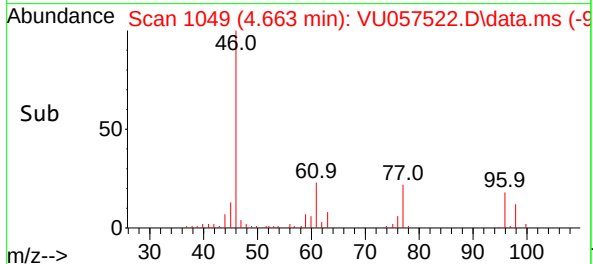
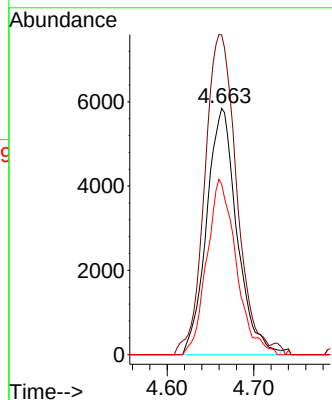
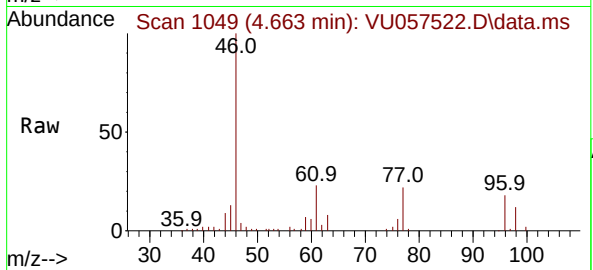




#22
cis-1,2-Dichloroethene
Concen: 1.127 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU057522.D
Acq: 15 Jan 2024 12:11

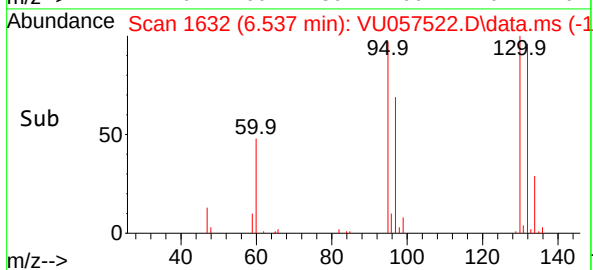
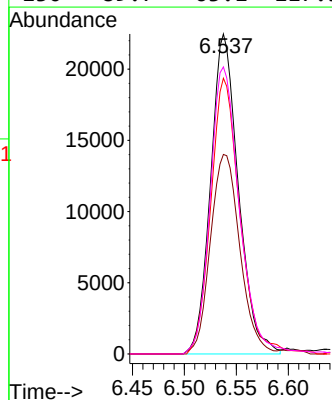
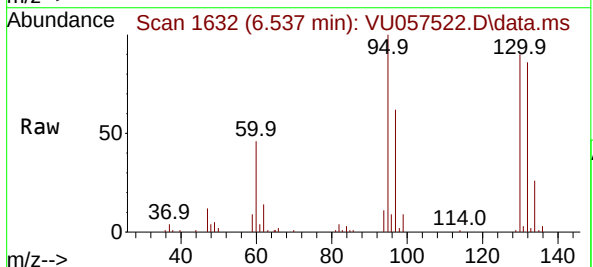
Instrument :
MSVOA_U
ClientSampleId :
BGWH2

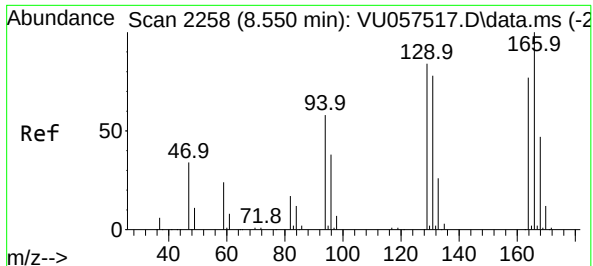
Tgt Ion: 96 Resp: 14227
Ion Ratio Lower Upper
96 100
61 129.9 93.4 173.4
98 69.3 44.9 83.3



#34
Trichloroethene
Concen: 3.493 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU057522.D
Acq: 15 Jan 2024 12:11

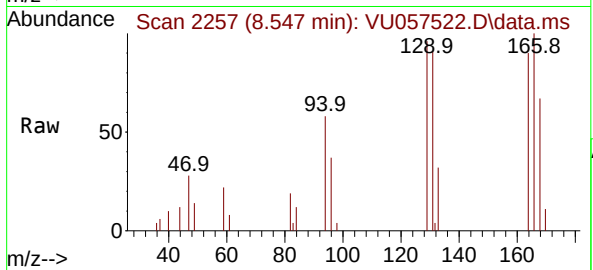
Tgt Ion: 95 Resp: 41819
Ion Ratio Lower Upper
95 100
97 62.3 45.0 83.6
132 86.2 61.7 114.5
130 89.7 63.1 117.3





#47
 Tetrachloroethene
 Concen: 0.621 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU057522.D
 Acq: 15 Jan 2024 12:11

Instrument :
 MSVOA_U
 ClientSampleId :
 BGWH2



Tgt Ion:	164	Resp:	4940
Ion	Ratio	Lower	Upper
164	100		
129	106.6	74.8	138.8
131	101.7	70.3	130.7
166	111.4	88.3	163.9

