

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022724\
 Data File : VV034437.D
 Acq On : 27 Feb 2024 10:23
 Operator : SY/MD
 Sample : P1535-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

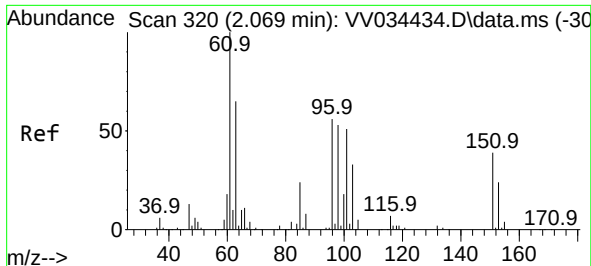
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF6

Quant Time: Feb 28 03:53:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 28 03:52:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	142771	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	136651	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	69195	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	39779	4.800	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.000%	
7) Chloroethane-d5	1.536	69	34658	4.735	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.800%	
11) 1,1-Dichloroethene-d2	2.060	65	18670	4.840	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.800%	
20) 2-Butanone-d5	3.806	46	105308	48.599	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.200%	
24) Chloroform-d	4.253	84	83206	5.000	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.000%	
26) 1,2-Dichloroethane-d4	4.947	65	42459	5.014	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.200%	
32) Benzene-d6	4.963	84	146799	4.775	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.600%	
36) 1,2-Dichloropropane-d6	5.989	67	46566	5.073	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.400%	
41) Toluene-d8	7.246	98	127624	4.630	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.600%	
43) trans-1,3-Dichloroprop...	7.561	79	16088	4.705	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.000%	
46) 2-Hexanone-d5	8.027	63	94381	48.813	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.620%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	35414	4.874	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.400%	
66) 1,2-Dichlorobenzene-d4	11.561	152	51834	4.931	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.600%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	7864	0.880	ug/L	# 1
19) 1,1-Dichloroethane	3.121	63	2989	0.171	ug/L	95
22) cis-1,2-Dichloroethene	3.822	96	9350	0.935	ug/L	93
25) Chloroform	4.275	83	9254	0.509	ug/L	88
31) Carbon tetrachloride	4.738	117	12477	0.841	ug/L	99
34) Trichloroethene	5.838	95	29333	2.970	ug/L	96
47) Tetrachloroethene	7.908	164	30843	3.981	ug/L	97

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



#12

1,1-Dichloroethene

Concen: 0.880 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034437.D

Acq: 27 Feb 2024 10:23

Instrument :

MSVOA_V

ClientSampleId :

C0AF6

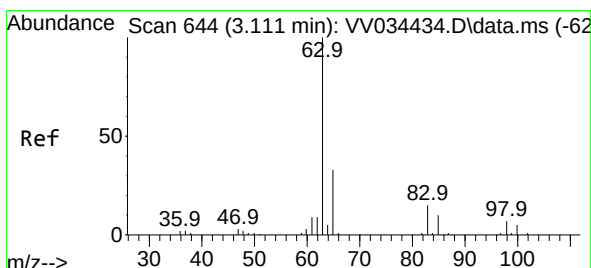
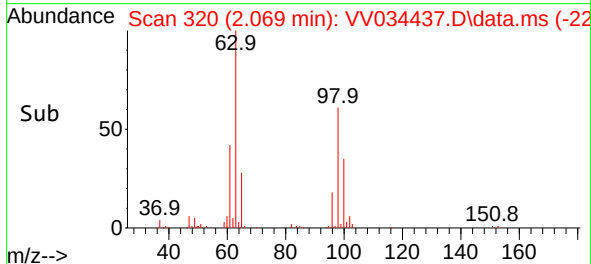
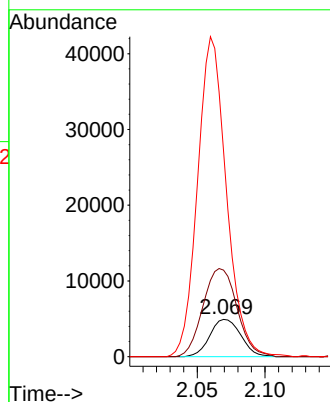
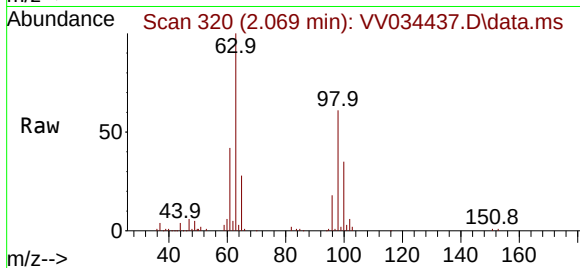
Tgt Ion: 96 Resp: 7864

Ion Ratio Lower Upper

96 100

61 232.2 131.3 243.8

63 551.2 102.8 191.0#



#19

1,1-Dichloroethane

Concen: 0.171 ug/L

RT: 3.121 min Scan# 647

Delta R.T. 0.010 min

Lab File: VV034437.D

Acq: 27 Feb 2024 10:23

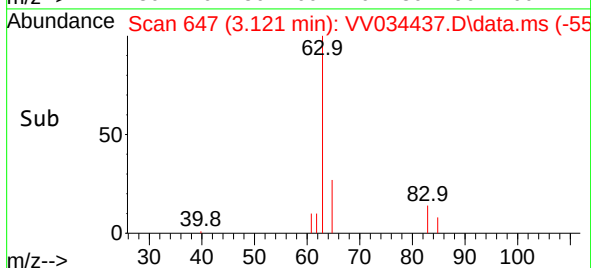
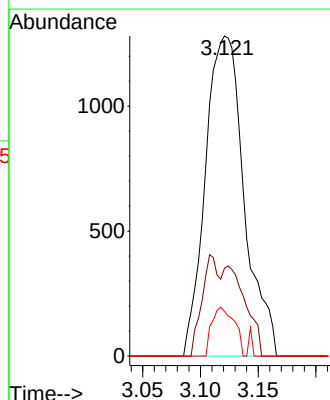
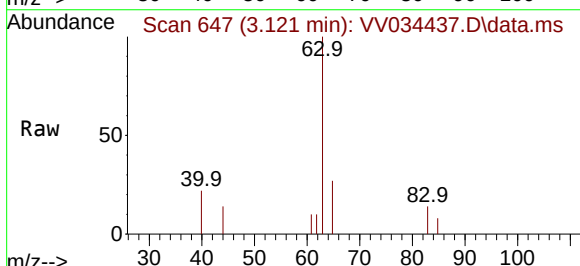
Tgt Ion: 63 Resp: 2989

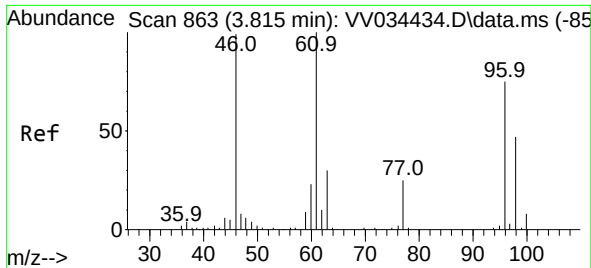
Ion Ratio Lower Upper

63 100

65 27.5 22.0 41.0

83 13.9 10.1 18.9

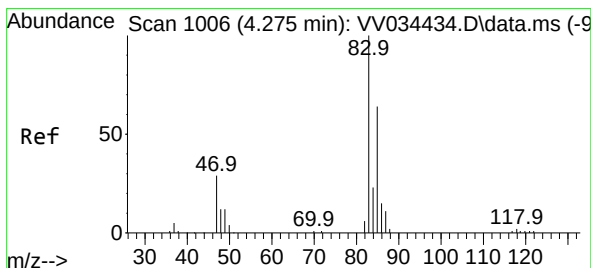
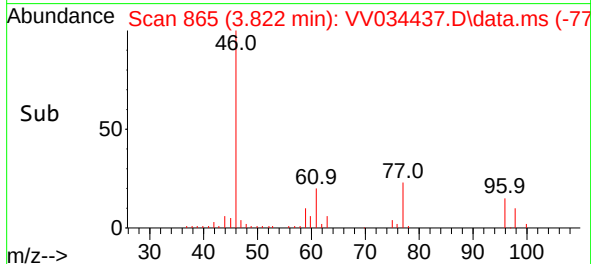
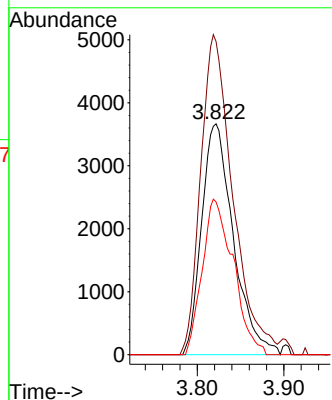
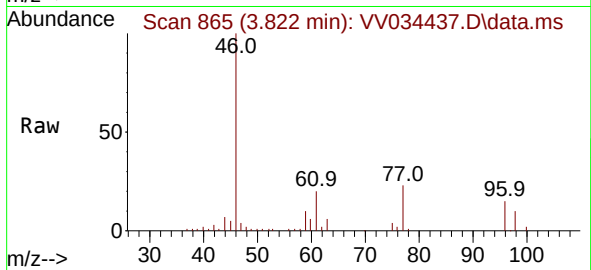




#22
 cis-1,2-Dichloroethene
 Concen: 0.935 ug/L
 RT: 3.822 min Scan# 865
 Delta R.T. 0.006 min
 Lab File: VV034437.D
 Acq: 27 Feb 2024 10:23

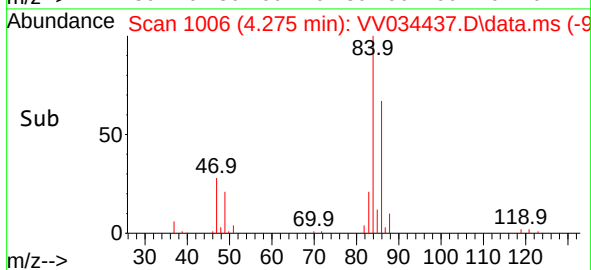
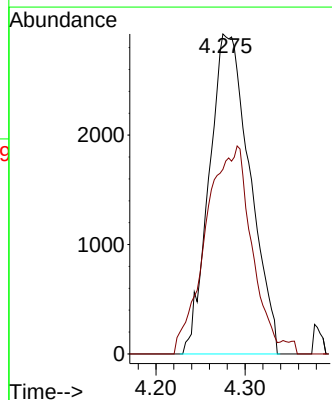
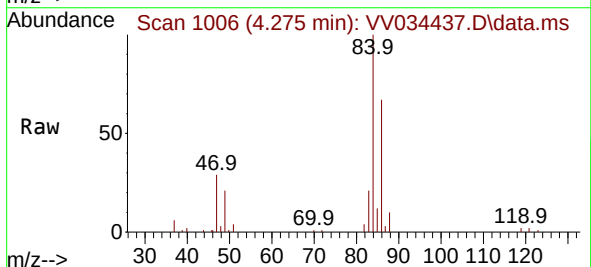
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF6

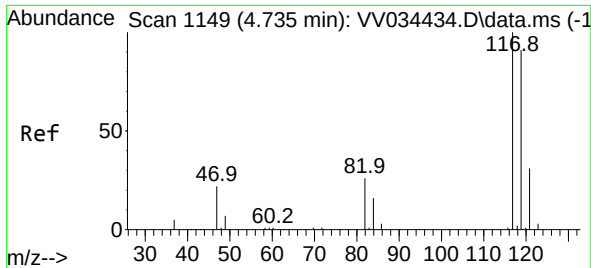
Tgt Ion: 96 Resp: 9350
 Ion Ratio Lower Upper
 96 100
 61 135.6 89.7 166.5
 98 66.2 42.0 78.0



#25
 Chloroform
 Concen: 0.509 ug/L
 RT: 4.275 min Scan# 1006
 Delta R.T. 0.000 min
 Lab File: VV034437.D
 Acq: 27 Feb 2024 10:23

Tgt Ion: 83 Resp: 9254
 Ion Ratio Lower Upper
 83 100
 85 57.7 47.0 87.4

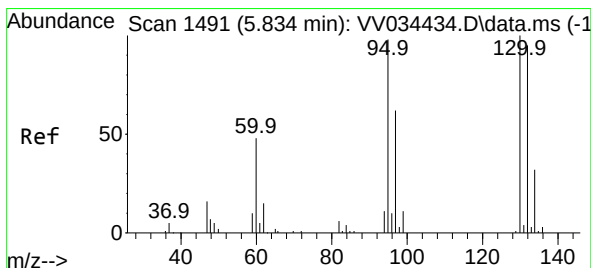
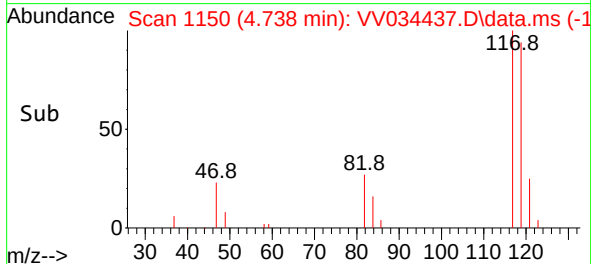
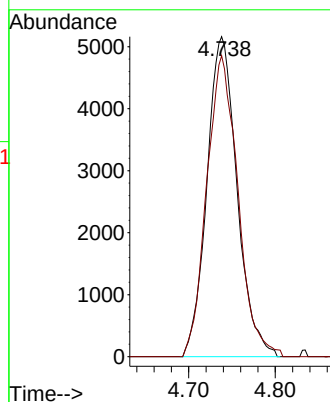
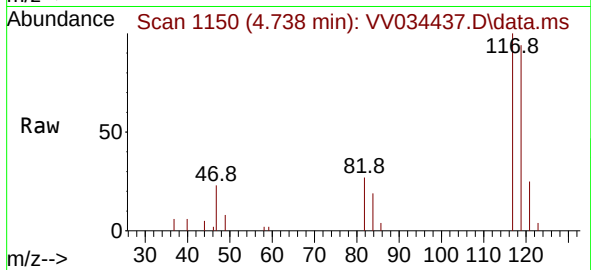




#31
Carbon tetrachloride
Concen: 0.841 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV034437.D
Acq: 27 Feb 2024 10:23

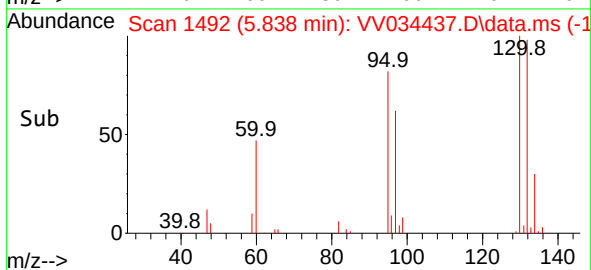
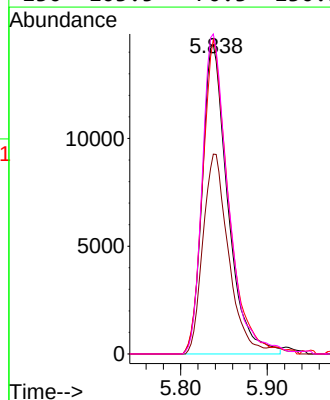
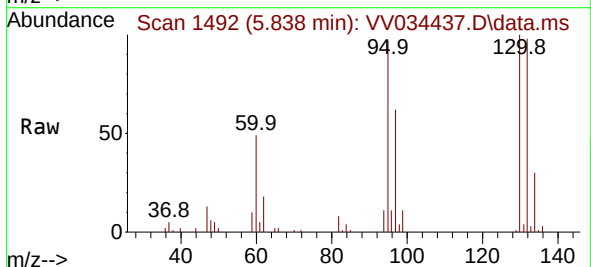
Instrument :
MSVOA_V
ClientSampleId :
C0AF6

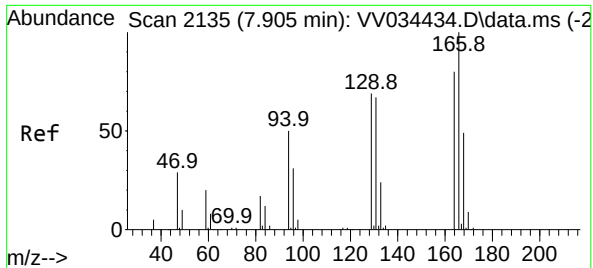
Tgt Ion:117 Resp: 12477
Ion Ratio Lower Upper
117 100
119 97.4 77.0 115.6



#34
Trichloroethene
Concen: 2.970 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VV034437.D
Acq: 27 Feb 2024 10:23

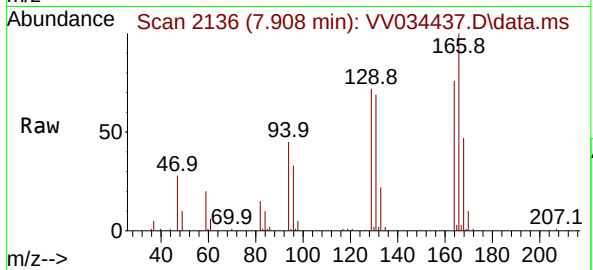
Tgt Ion: 95 Resp: 29333
Ion Ratio Lower Upper
95 100
97 64.6 43.3 80.5
132 101.7 67.8 126.0
130 103.5 70.3 130.5





#47
 Tetrachloroethene
 Concen: 3.981 ug/L
 RT: 7.908 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV034437.D
 Acq: 27 Feb 2024 10:23

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF6



Tgt Ion:	164	Resp:	30843
Ion	Ratio	Lower	Upper
164	100		
129	94.2	64.2	119.2
131	90.2	65.9	122.3
166	131.2	89.9	166.9

