

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052521\
 Data File : VV021404.D
 Acq On : 25 May 2021 21:37
 Operator : SY/MD
 Sample : M2496-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

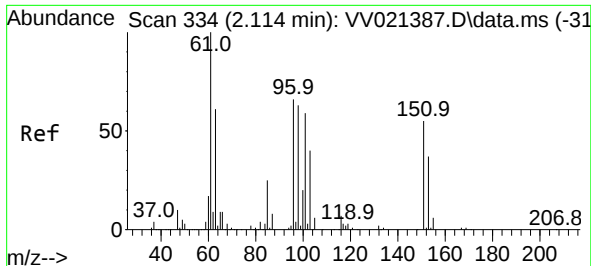
Instrument :
 MSVOA_V
 ClientSampleId :
 GB440

Quant Time: May 26 07:55:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 26 07:52:48 2021
 Response via : Initial Calibration

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

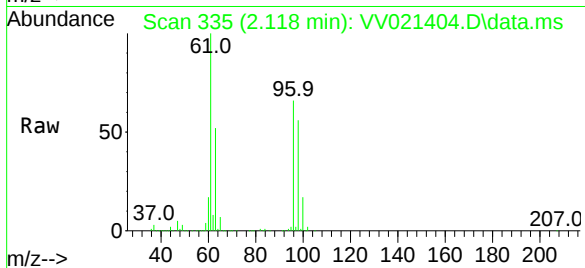
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	234114	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	218105	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	117070	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	58662	5.92	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	118.40%	
7) Chloroethane-d5	1.564	69	55234	5.84	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	116.80%	
11) 1,1-Dichloroethene-d2	2.108	63	123058	6.55	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	131.00%#	
20) 2-Butanone-d5	3.915	46	226585	63.64	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	127.28%	
24) Chloroform-d	4.352	84	146918	5.35	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.00%	
26) 1,2-Dichloroethane-d4	5.037	65	74186	5.87	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	117.40%	
32) Benzene-d6	5.053	84	289245	5.51	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.20%	
36) 1,2-Dichloropropane-d6	6.072	67	94776	5.57	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.40%	
41) Toluene-d8	7.320	98	258779	5.38	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.60%	
43) trans-1,3-Dichloroprop...	7.629	79	35188	4.97	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.40%	
46) 2-Hexanone-d5	8.092	63	205794	61.70	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	123.40%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	79426	5.79	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	115.80%	
66) 1,2-Dichlorobenzene-d4	11.625	152	114627	5.68	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	113.60%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.118	96	99616	8.58	ug/L	94
19) 1,1-Dichloroethane	3.191	63	46483	1.82	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	1784	0.11	ug/L	76
29) 1,1,1-Trichloroethane	4.613	97	73555	3.01	ug/L	100
34) Trichloroethene	5.928	95	2891	0.18	ug/L	91
42) Toluene	7.400	91	5416	0.09	ug/L	99
47) Tetrachloroethene	7.976	164	128413	9.01	ug/L	99

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

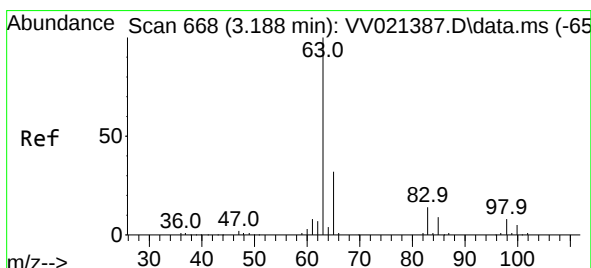
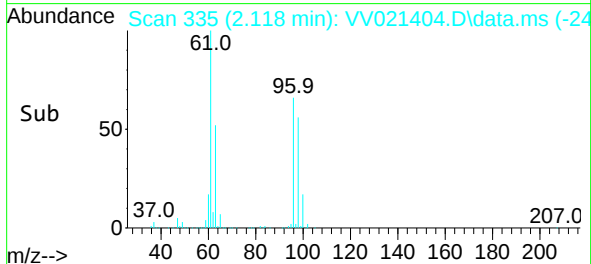
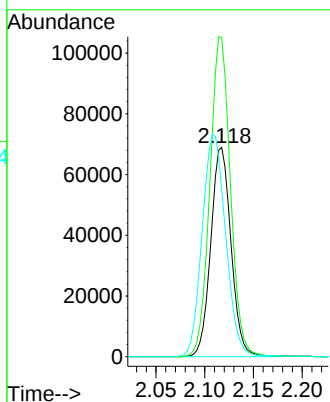


#12
1,1-Dichloroethene
Concen: 8.58 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV021404.D
Acq: 25 May 2021 21:37

Instrument :
MSVOA_V
ClientSampled :
GB440

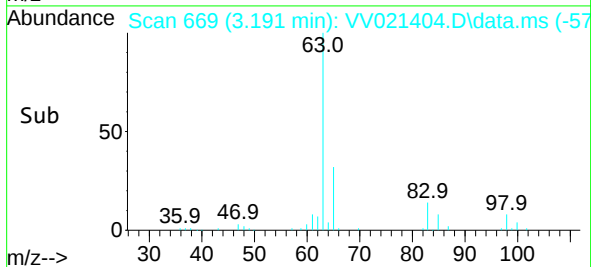
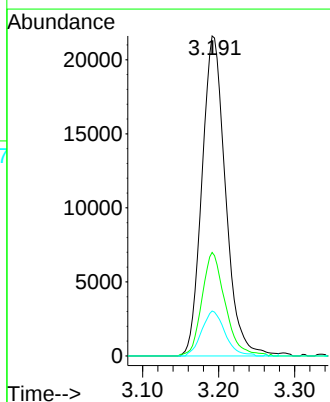
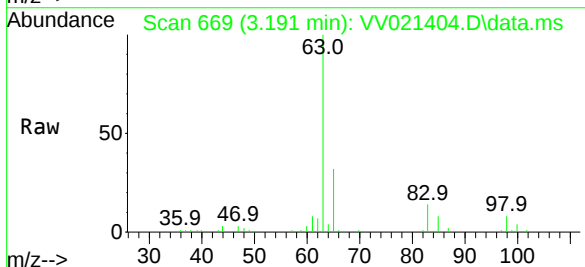


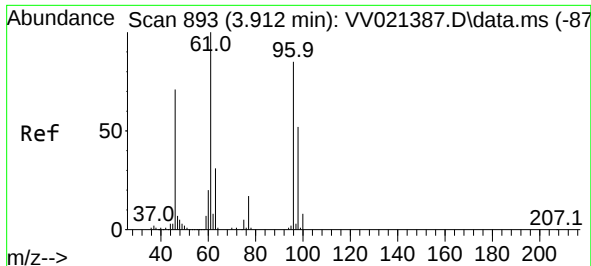
Tgt Ion: 96 Resp: 99616
Ion Ratio Lower Upper
96 100
61 152.5 103.7 192.5
63 79.8 62.4 115.8



#19
1,1-Dichloroethane
Concen: 1.82 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV021404.D
Acq: 25 May 2021 21:37

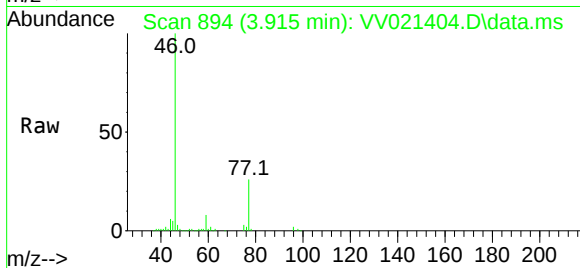
Tgt Ion: 63 Resp: 46483
Ion Ratio Lower Upper
63 100
65 32.4 23.2 43.2
83 14.1 9.4 17.4



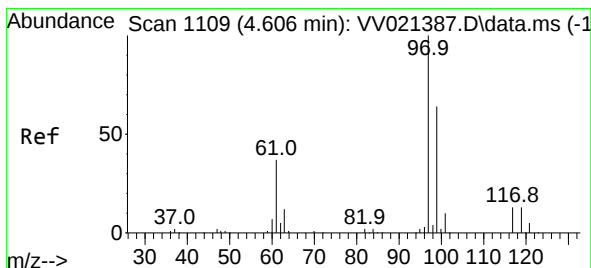
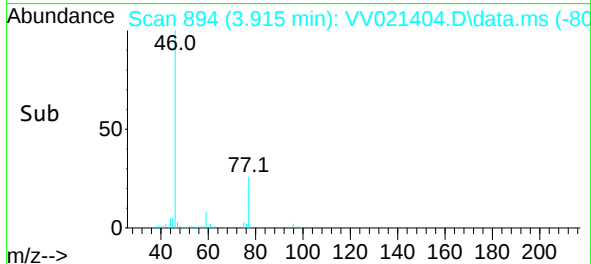
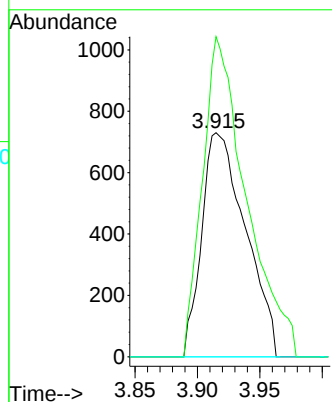


#22
cis-1,2-Dichloroethene
Concen: 0.11 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV021404.D
Acq: 25 May 2021 21:37

Instrument :
MSVOA_V
ClientSampled :
GB440

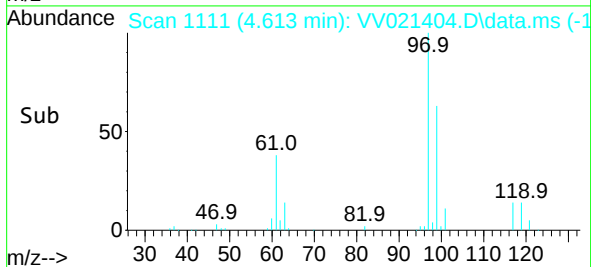
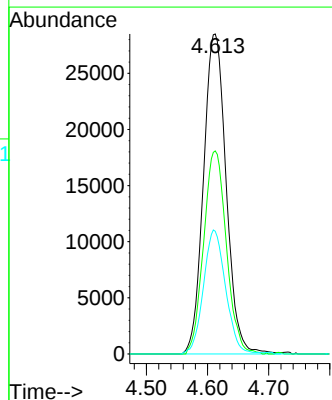
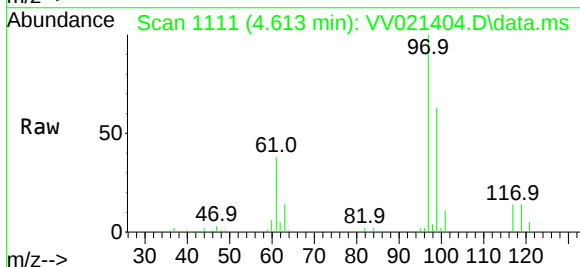


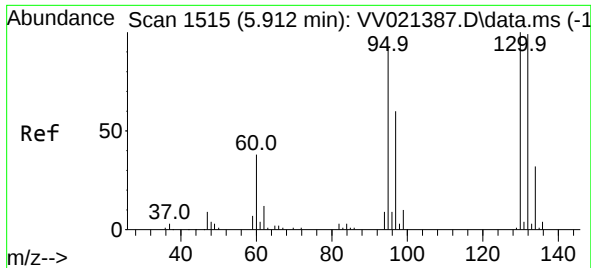
Tgt Ion: 96 Resp: 1784
Ion Ratio Lower Upper
96 100
61 142.9 81.9 152.1
68 0.0 0.0 0.0



#29
1,1,1-Trichloroethane
Concen: 3.01 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VV021404.D
Acq: 25 May 2021 21:37

Tgt Ion: 97 Resp: 73555
Ion Ratio Lower Upper
97 100
99 63.5 50.6 75.8
61 37.8 30.4 45.6



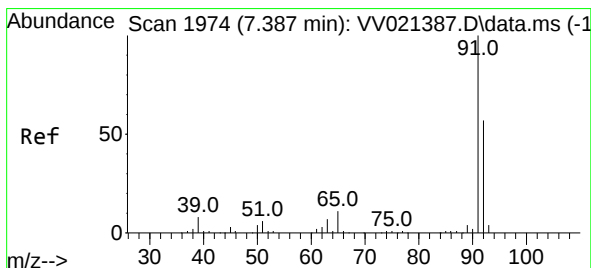
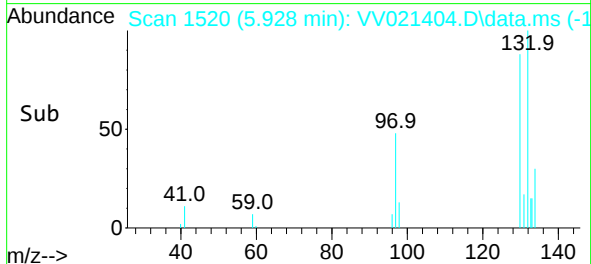
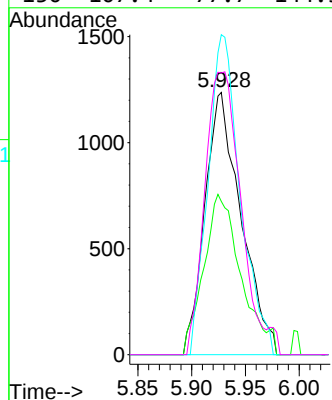
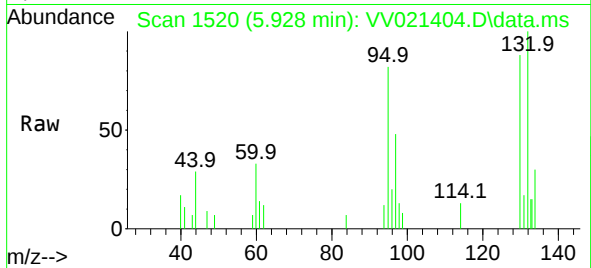


#34
Trichloroethene
Concen: 0.18 ug/L
RT: 5.928 min Scan# 1520
Delta R.T. 0.016 min
Lab File: VV021404.D
Acq: 25 May 2021 21:37

Instrument :
MSVOA_V
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GB440

Tgt Ion: 95 Resp: 2891

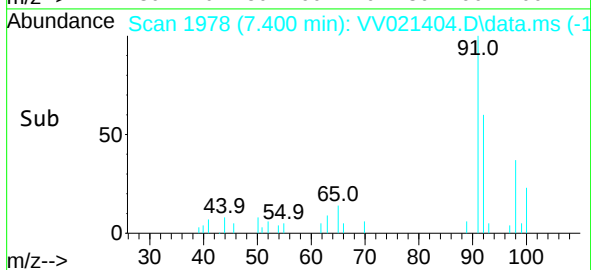
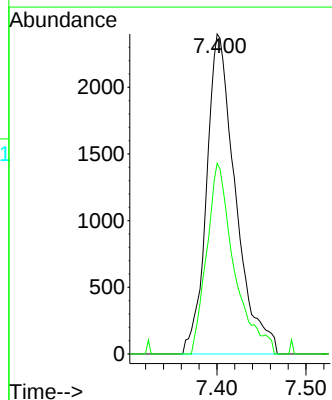
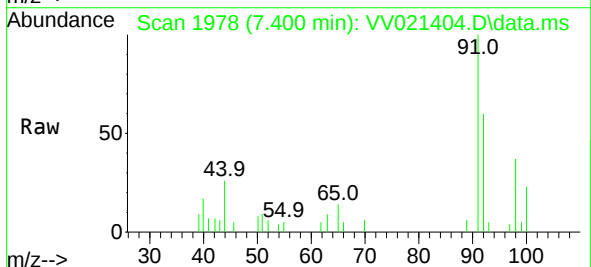
Ion	Ratio	Lower	Upper
95	100		
97	58.4	45.4	84.4
132	122.0	74.5	138.3
130	107.4	77.7	144.3

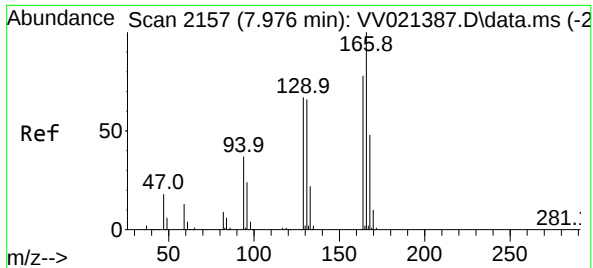


#42
Toluene
Concen: 0.09 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.013 min
Lab File: VV021404.D
Acq: 25 May 2021 21:37

Tgt Ion: 91 Resp: 5416

Ion	Ratio	Lower	Upper
91	100		
92	59.5	40.9	76.0





#47
Tetrachloroethene
Concen: 9.01 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV021404.D
Acq: 25 May 2021 21:37

Instrument :
MSVOA_V
ClientSampleId :
GB440

Tgt Ion:164	Resp:	128413
Ion	Ratio	Lower Upper
164	100	
129	88.0	61.8 114.8
131	84.4	57.8 107.4
166	127.1	87.4 162.4

