

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042049.D
 Acq On : 14 Jan 2021 22:24
 Operator : SY/MD
 Sample : M1065-04DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

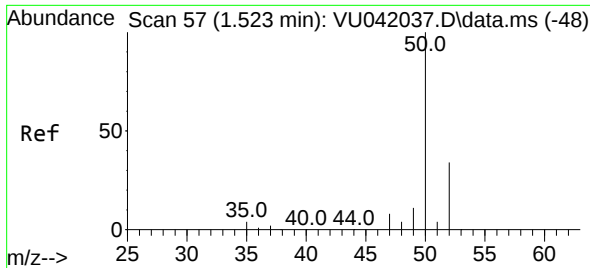
Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN0DL

Quant Time: Jan 15 06:37:41 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 06:32:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	114624	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	103398	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	43100	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	36846	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.919	69	39750	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.575	63	59974	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	4.661	46	160807	55.40	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.80%
24) Chloroform-d	5.079	84	83333	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.716	65	46452	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.742	84	153151	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.703	67	54449	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.906	98	129718	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloroprop...	8.182	79	20926	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.642	63	135162	59.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.68%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	41404	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.188	152	43317	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1430	0.11	ug/L	91
12) 1,1-Dichloroethene	2.588	96	4814	0.53	ug/L #	1
16) Methylene chloride	3.057	84	4236	0.41	ug/L	94
19) 1,1-Dichloroethane	3.887	63	2533	0.14	ug/L #	84
22) cis-1,2-Dichloroethene	4.681	96	3299	0.35	ug/L	87
34) Trichloroethene	6.552	95	105085	10.99	ug/L	99
47) Tetrachloroethene	8.558	164	63199	10.20	ug/L	97

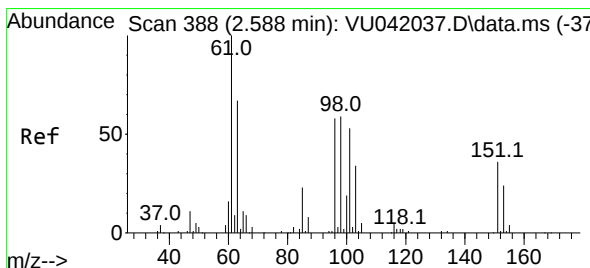
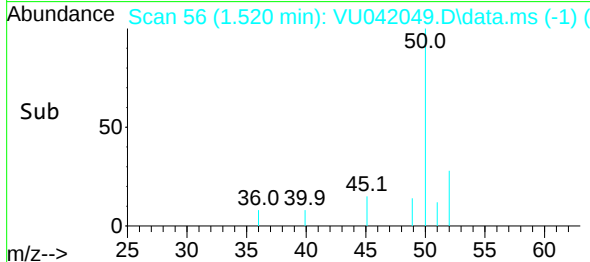
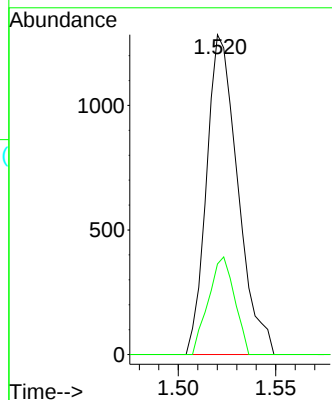
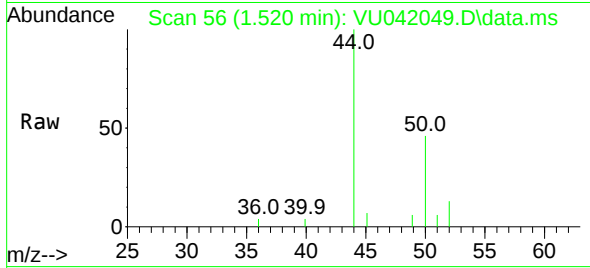
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042049.D
Acq: 14 Jan 2021 22:24

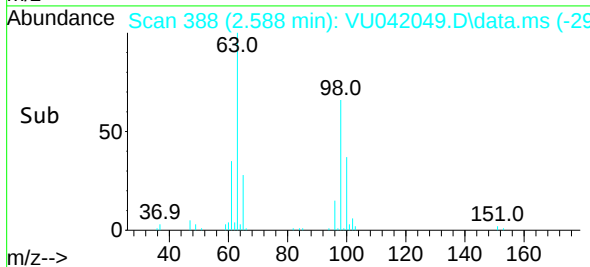
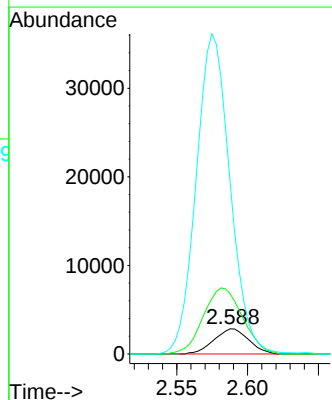
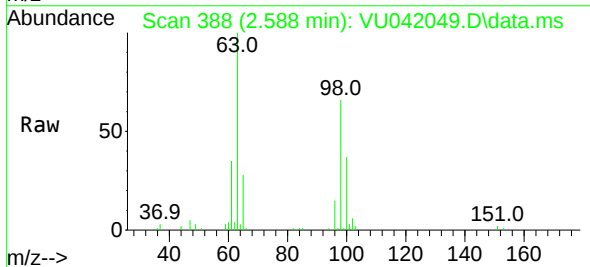
Instrument :
MSVOA_U
ClientSampled :
BFXN0DL

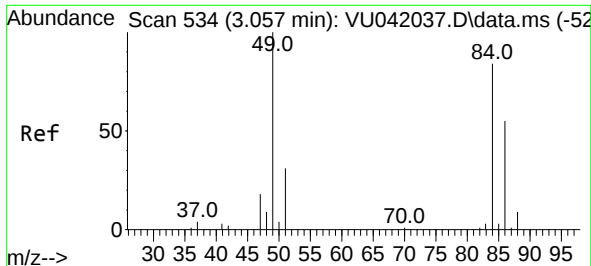
Tgt Ion: 50 Resp: 1430
Ion Ratio Lower Upper
50 100
52 28.3 23.5 43.7



#12
1,1-Dichloroethene
Concen: 0.53 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU042049.D
Acq: 14 Jan 2021 22:24

Tgt Ion: 96 Resp: 4814
Ion Ratio Lower Upper
96 100
61 238.7 122.2 226.9#
63 681.4 82.8 153.8#

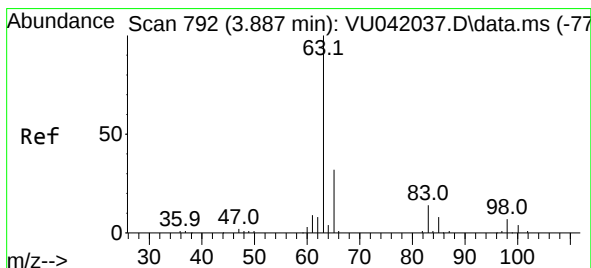
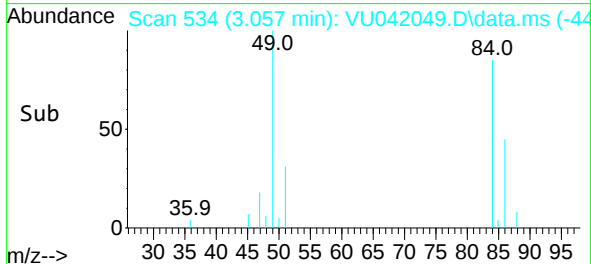
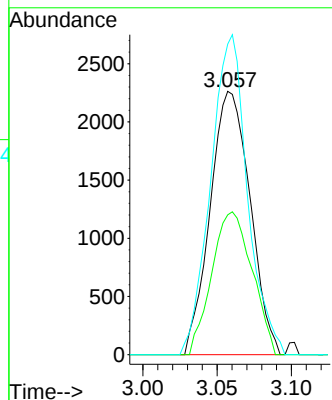
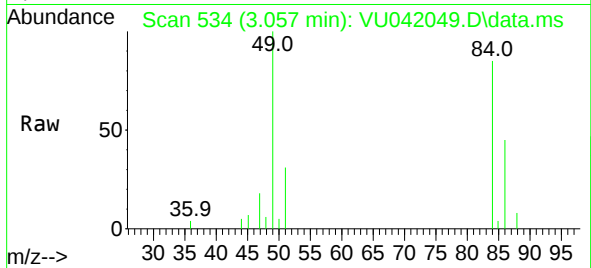




#16
Methylene chloride
Concen: 0.41 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.000 min
Lab File: VU042049.D
Acq: 14 Jan 2021 22:24

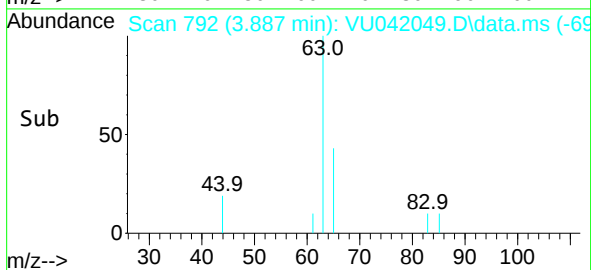
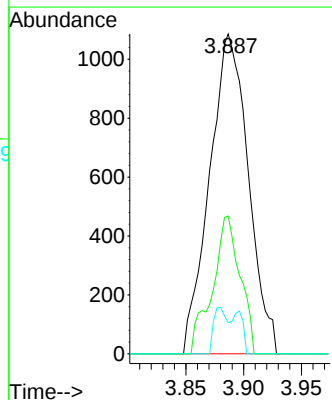
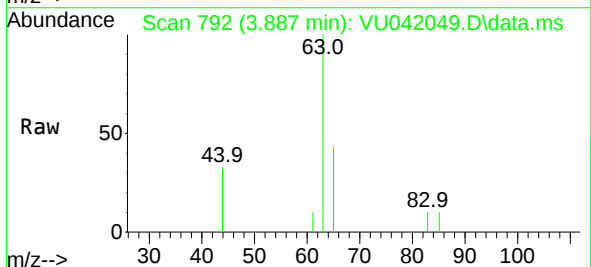
Instrument :
MSVOA_U
ClientSampleId :
BFXN0DL

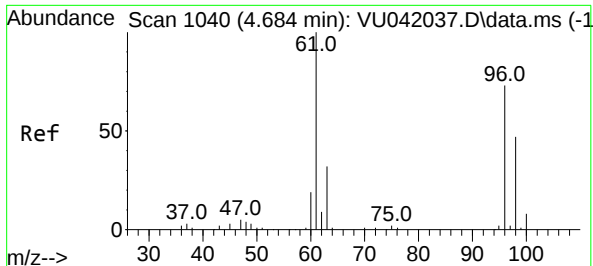
Tgt Ion:	84	Resp:	4236
Ion	Ratio	Lower	Upper
84	100		
86	53.1	42.6	79.0
49	117.9	86.2	160.0



#19
1,1-Dichloroethane
Concen: 0.14 ug/L
RT: 3.887 min Scan# 792
Delta R.T. 0.000 min
Lab File: VU042049.D
Acq: 14 Jan 2021 22:24

Tgt Ion:	63	Resp:	2533
Ion	Ratio	Lower	Upper
63	100		
65	43.1	22.7	42.1#
83	9.8	9.4	17.6

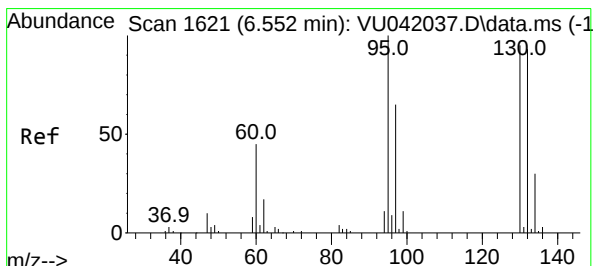
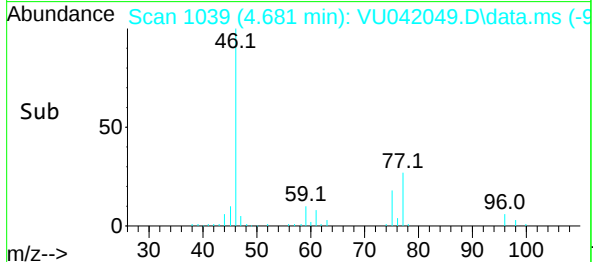
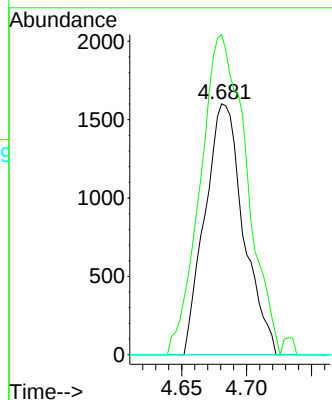
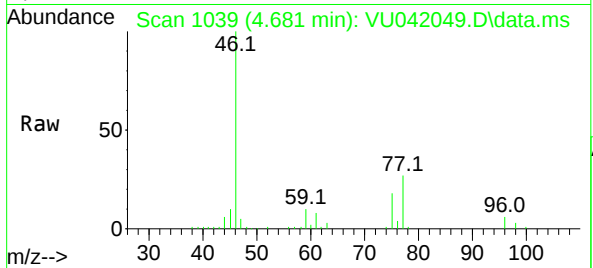




#22
cis-1,2-Dichloroethene
Concen: 0.35 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. -0.003 min
Lab File: VU042049.D
Acq: 14 Jan 2021 22:24

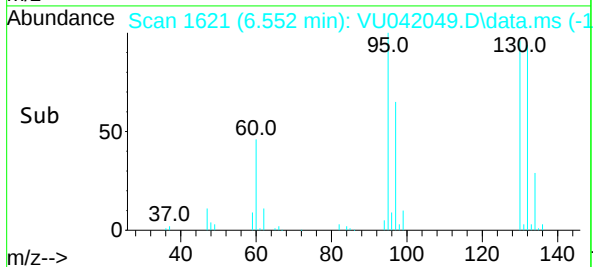
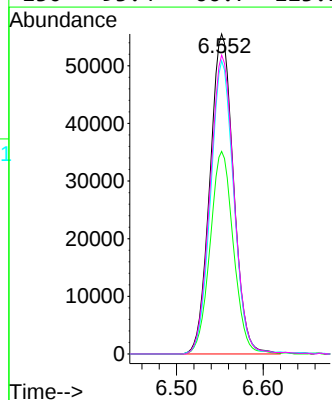
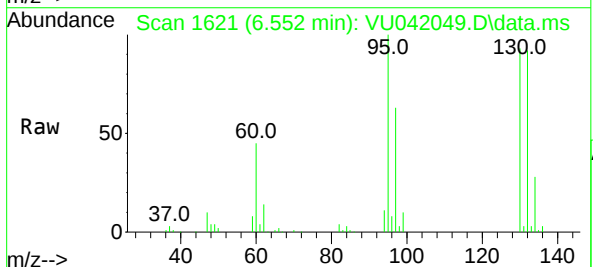
Instrument :
MSVOA_U
ClientSampleId :
BFXN0DL

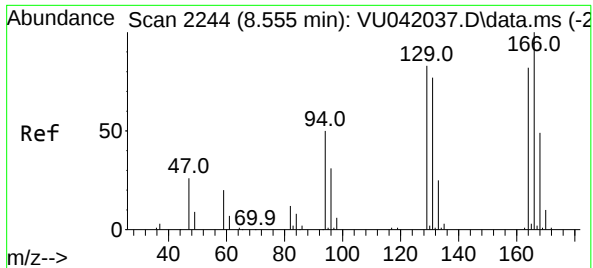
Tgt Ion: 96 Resp: 3299
Ion Ratio Lower Upper
96 100
61 127.5 100.3 186.3
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 10.99 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042049.D
Acq: 14 Jan 2021 22:24

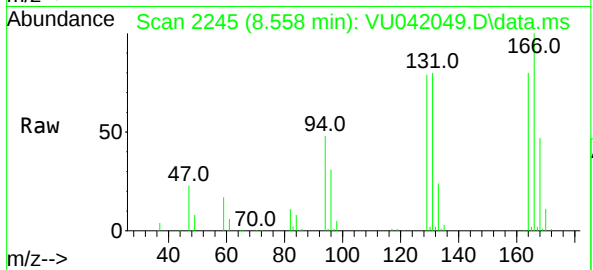
Tgt Ion: 95 Resp: 105085
Ion Ratio Lower Upper
95 100
97 63.3 43.6 81.0
132 91.6 64.3 119.3
130 93.4 66.7 123.9





#47
 Tetrachloroethene
 Concen: 10.20 ug/L
 RT: 8.558 min Scan# 2245
 Delta R.T. 0.003 min
 Lab File: VU042049.D
 Acq: 14 Jan 2021 22:24

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN0DL



Tgt Ion:	164	Resp:	63199
Ion	Ratio	Lower	Upper
164	100		
129	99.0	68.7	127.5
131	99.7	65.2	121.0
166	125.3	86.2	160.0

