

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042028.D
 Acq On : 14 Jan 2021 12:38
 Operator : SY/MD
 Sample : M1027-14DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

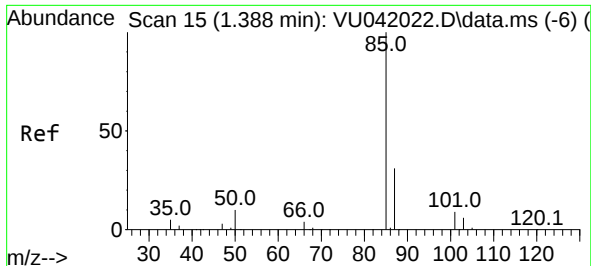
Instrument :
 MSVOA_U
 ClientSampleId :
 BFXK8DL

Quant Time: Jan 15 05:23:07 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 05:20:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	124007	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	103265	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	43072	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	39607	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.919	69	42112	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.575	63	62711	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.658	46	148146	47.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.36%
24) Chloroform-d	5.079	84	87564	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.716	65	50105	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.742	84	169027	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.700	67	56023	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.906	98	123167	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloroprop...	8.185	79	19865	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.642	63	111193	49.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.58%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	42234	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	12.188	152	45736	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	2276	0.20	ug/L	98
3) Chloromethane	1.523	50	1598	0.11	ug/L	86
16) Methylene chloride	3.057	84	6089	0.54	ug/L	96
17) Methyl tert-butyl Ether	3.375	73	1819	0.07	ug/L #	88
22) cis-1,2-Dichloroethene	4.687	96	2059	0.20	ug/L	82
34) Trichloroethene	6.555	95	30487	3.19	ug/L	96
47) Tetrachloroethene	8.555	164	38019	6.14	ug/L	97

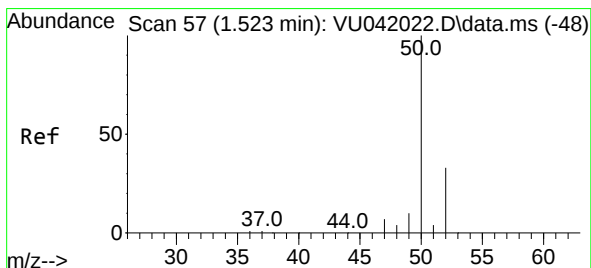
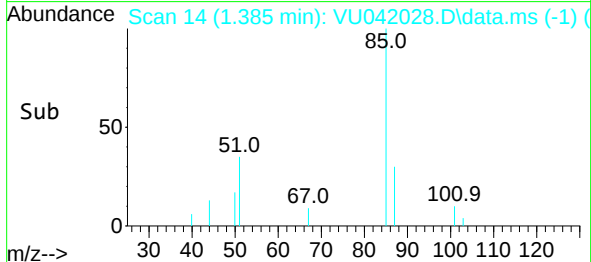
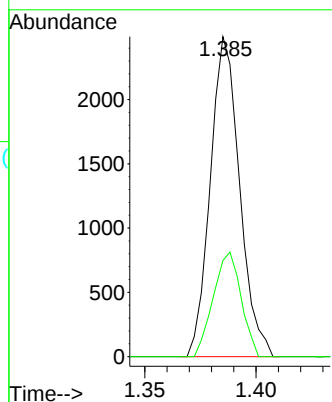
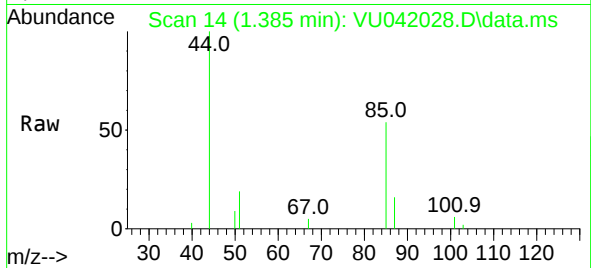
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.20 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU042028.D
Acq: 14 Jan 2021 12:38

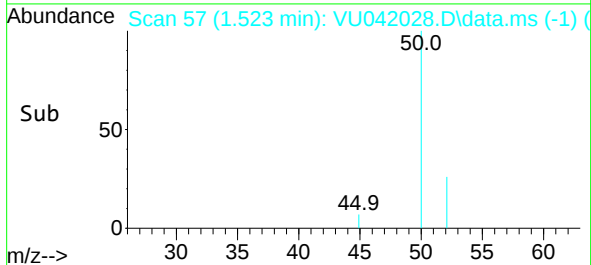
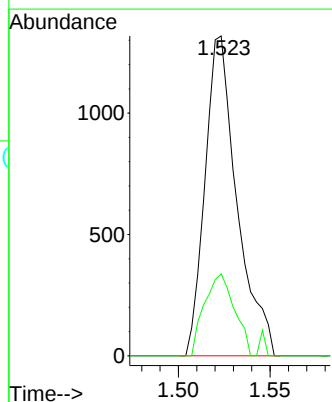
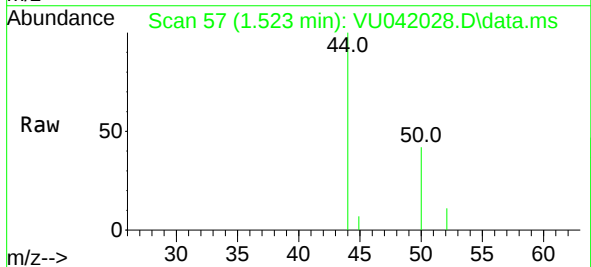
Instrument :
MSVOA_U
ClientSampled :
BFXK8DL

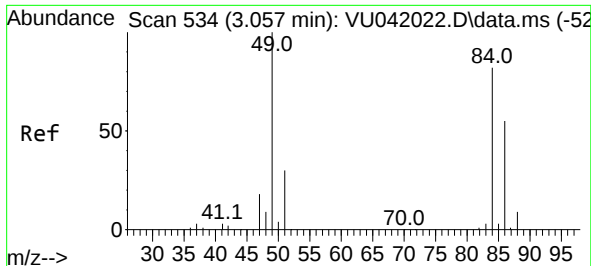
Tgt Ion: 85 Resp: 2276
Ion Ratio Lower Upper
85 100
87 30.9 25.7 38.5



#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042028.D
Acq: 14 Jan 2021 12:38

Tgt Ion: 50 Resp: 1598
Ion Ratio Lower Upper
50 100
52 25.6 23.5 43.7

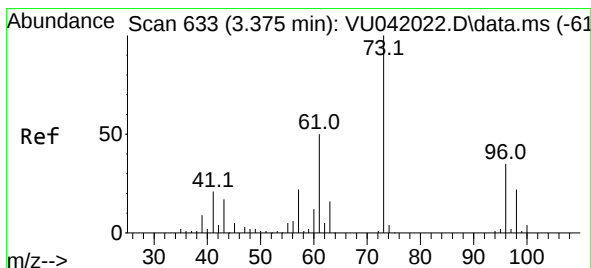
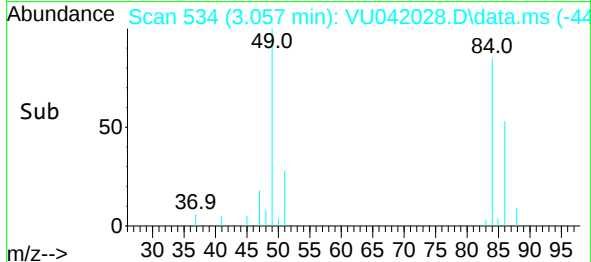
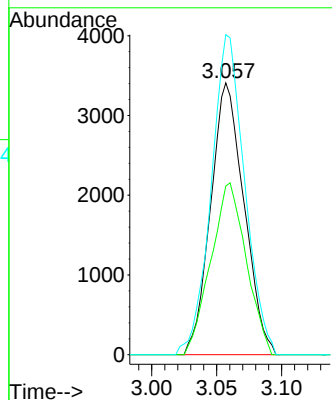
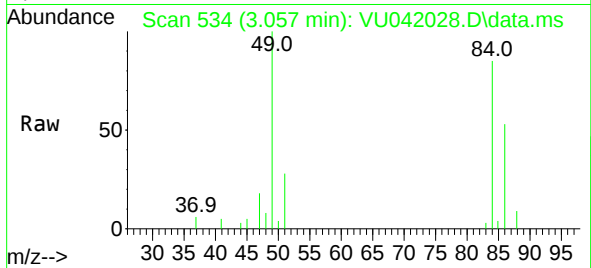




#16
Methylene chloride
Concen: 0.54 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.000 min
Lab File: VU042028.D
Acq: 14 Jan 2021 12:38

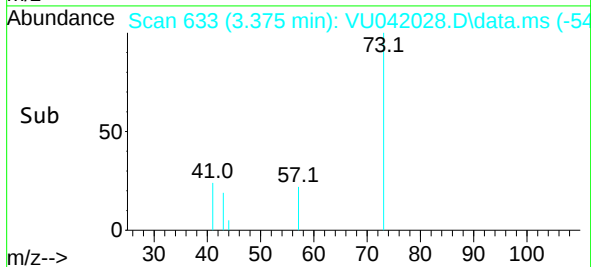
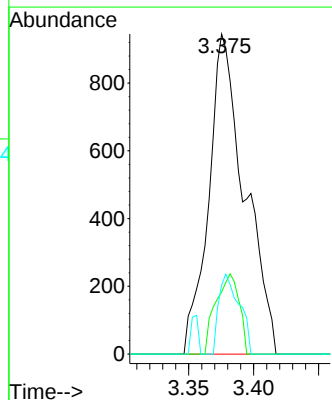
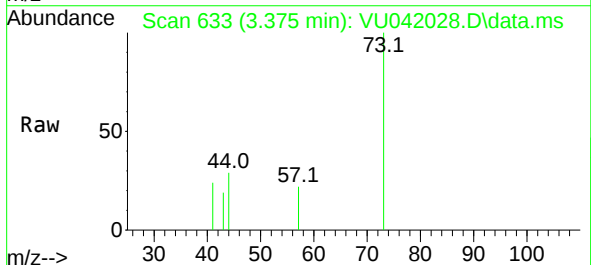
Instrument :
MSVOA_U
ClientSampleId :
BFXK8DL

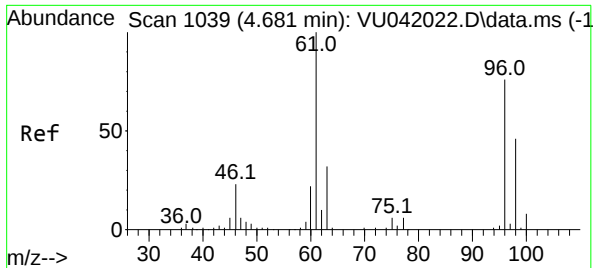
Tgt Ion: 84 Resp: 6089
Ion Ratio Lower Upper
84 100
86 62.0 42.6 79.0
49 117.7 86.2 160.0



#17
Methyl tert-butyl Ether
Concen: 0.07 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU042028.D
Acq: 14 Jan 2021 12:38

Tgt Ion: 73 Resp: 1819
Ion Ratio Lower Upper
73 100
43 16.2 15.1 22.7
57 14.2 18.0 27.0#



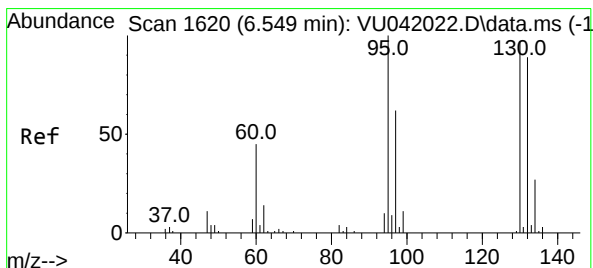
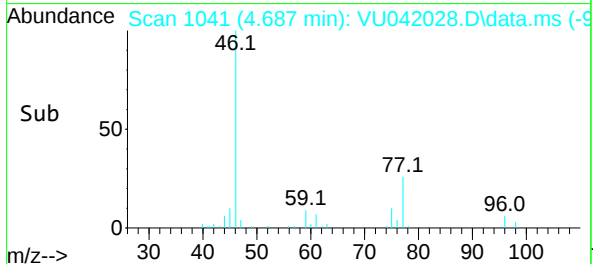
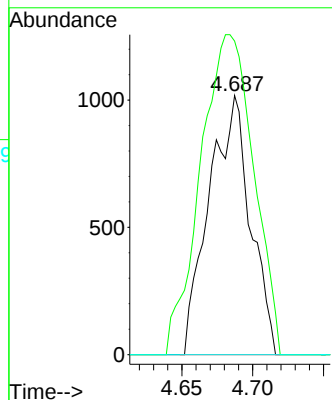
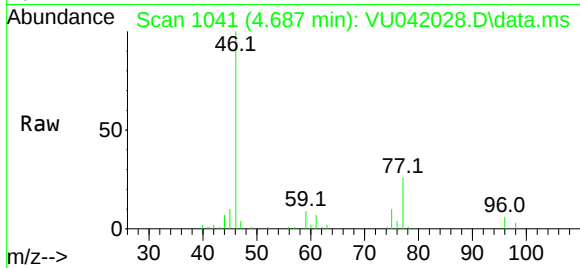


#22
 cis-1,2-Dichloroethene
 Concen: 0.20 ug/L
 RT: 4.687 min Scan# 1041
 Delta R.T. 0.007 min
 Lab File: VU042028.D
 Acq: 14 Jan 2021 12:38

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXK8DL

Tgt Ion: 96 Resp: 2059

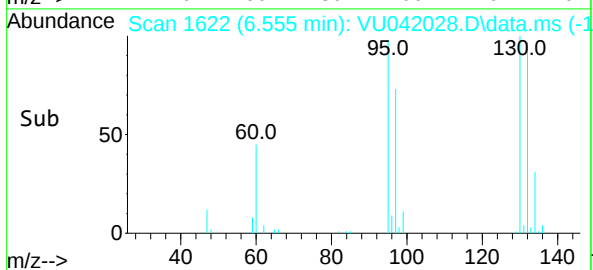
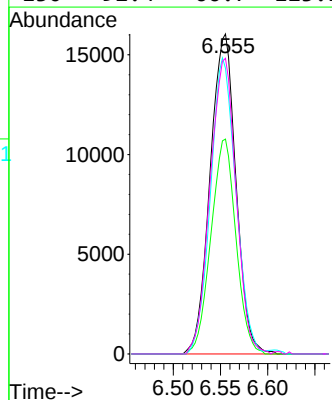
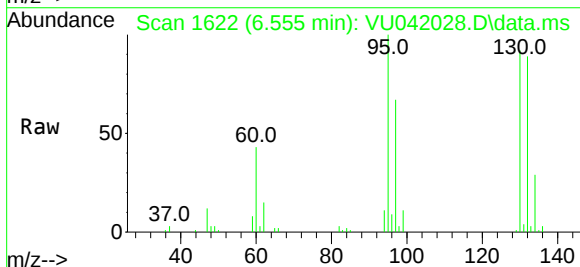
Ion	Ratio	Lower	Upper
96	100		
61	121.0	100.3	186.3
68	0.0	0.0	0.0

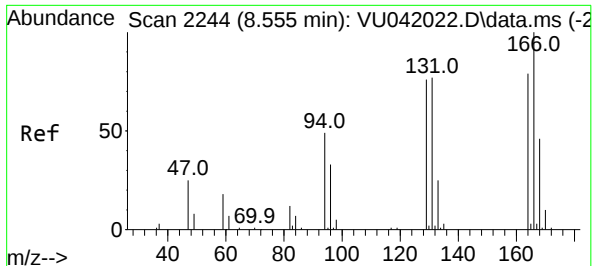


#34
 Trichloroethene
 Concen: 3.19 ug/L
 RT: 6.555 min Scan# 1622
 Delta R.T. 0.007 min
 Lab File: VU042028.D
 Acq: 14 Jan 2021 12:38

Tgt Ion: 95 Resp: 30487

Ion	Ratio	Lower	Upper
95	100		
97	67.2	43.6	81.0
132	89.3	64.3	119.3
130	92.4	66.7	123.9





#47
Tetrachloroethene
Concen: 6.14 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU042028.D
Acq: 14 Jan 2021 12:38

Instrument :
MSVOA_U
ClientSampleId :
BFXK8DL

Tgt Ion:164	Resp:	38019
Ion	Ratio	Lower Upper
164	100	
129	100.1	68.7 127.5
131	95.8	65.2 121.0
166	119.5	86.2 160.0

