

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU042003.D
 Acq On : 14 Jan 2021 00:41
 Operator : SY/MD
 Sample : M1065-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 15 02:48:30 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 02:46:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	115060	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	116123	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	43206	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	40763	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.919	69	40784	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.578	63	61746	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.655	46	161740	55.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.02%
24) Chloroform-d	5.080	84	91497	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.716	65	49951	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.742	84	163911	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.700	67	58267	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.903	98	131490	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloroprop...	8.186	79	22048	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.639	63	127077	50.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.18%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	46651	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	12.189	152	43143	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	569	0.05	ug/L #	73
3) Chloromethane	1.523	50	1122	0.08	ug/L	83
9) Trichlorofluoromethane	2.147	101	5360	0.31	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	763	0.08	ug/L #	52
13) Acetone	2.658	43	1879	1.03	ug/L	88
15) Methyl Acetate	2.970	43	414	0.09	ug/L #	51
17) Methyl tert-butyl Ether	3.379	73	4573	0.19	ug/L	96
19) 1,1-Dichloroethane	3.890	63	905	0.05	ug/L #	83
22) cis-1,2-Dichloroethene	4.684	96	5849	0.61	ug/L	92
25) Chloroform	5.102	83	3167	0.18	ug/L	99
34) Trichloroethene	6.552	95	133860	12.46	ug/L	96
35) Methylcyclohexane	6.700	83	13004	0.76	ug/L #	16
37) 1,2-Dichloropropane	6.707	63	6201	0.56	ug/L #	90
39) cis-1,3-Dichloropropene	7.571	75	1203	0.07	ug/L #	58
44) trans-1,3-Dichloropropene	8.182	75	917	0.06	ug/L	100
47) Tetrachloroethene	8.555	164	30132	4.33	ug/L	99
49) Dibromochloromethane	8.555	129	31194	3.63	ug/L #	11
59) 1,2,3-Trichloropropane	11.809	75	5161	0.70	ug/L	94

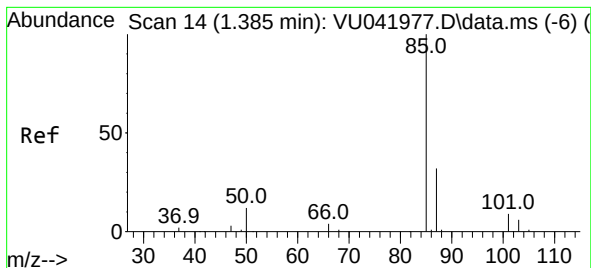
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042003.D
Acq On : 14 Jan 2021 00:41
Operator : SY/MD
Sample : M1065-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 15 02:48:30 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 15 02:46:12 2021
Response via : Initial Calibration

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

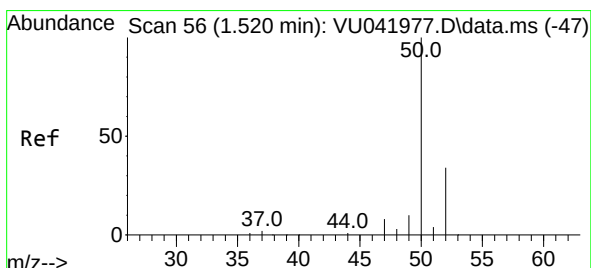
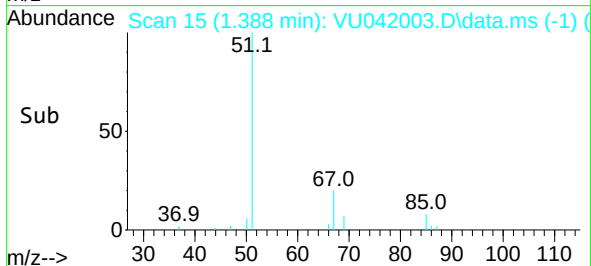
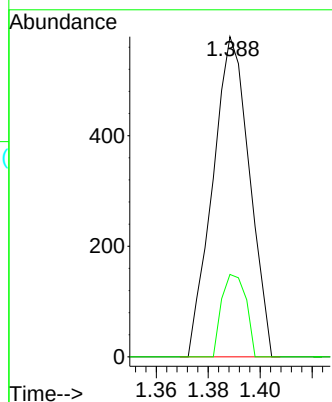
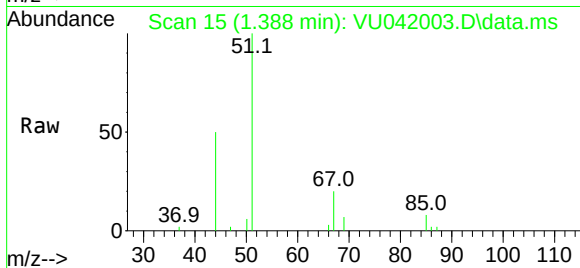
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.05 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU042003.D
Acq: 14 Jan 2021 00:41

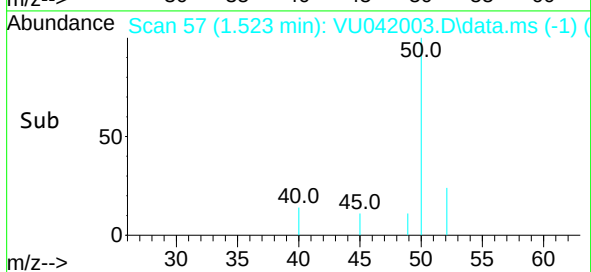
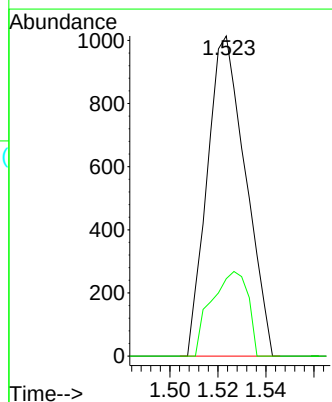
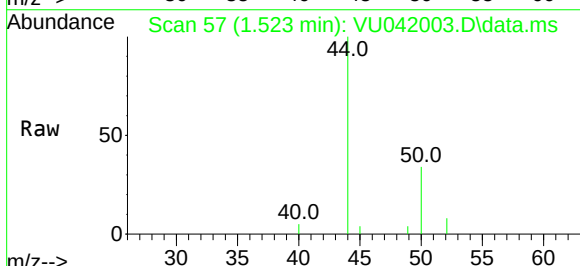
Instrument :
MSVOA_U
ClientSampled :

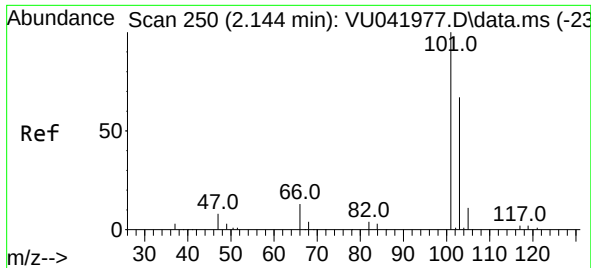
Tgt Ion: 85 Resp: 569
Ion Ratio Lower Upper
85 100
87 17.0 25.7 38.5#



#3
Chloromethane
Concen: 0.08 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042003.D
Acq: 14 Jan 2021 00:41

Tgt Ion: 50 Resp: 1122
Ion Ratio Lower Upper
50 100
52 24.2 23.5 43.7

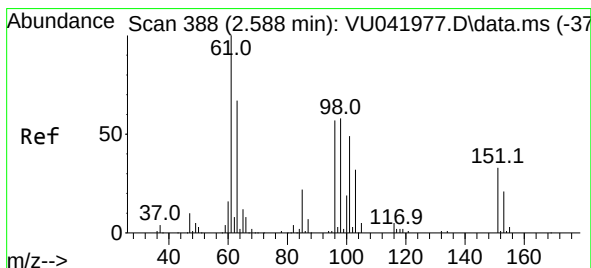
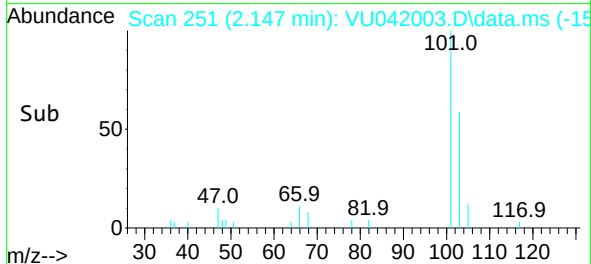
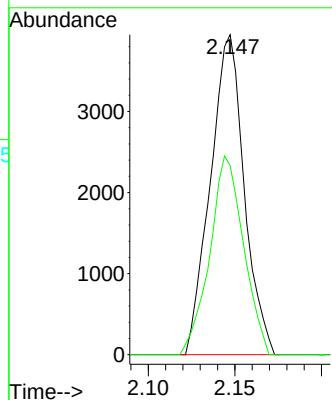
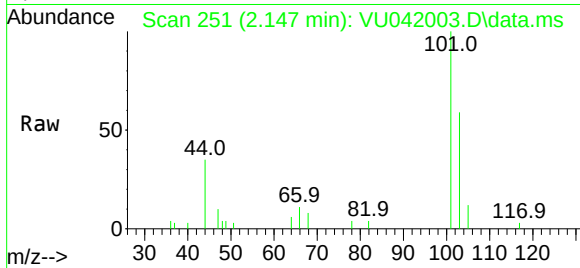




#9
 Trichlorofluoromethane
 Concen: 0.31 ug/L
 RT: 2.147 min Scan# 251
 Delta R.T. 0.003 min
 Lab File: VU042003.D
 Acq: 14 Jan 2021 00:41

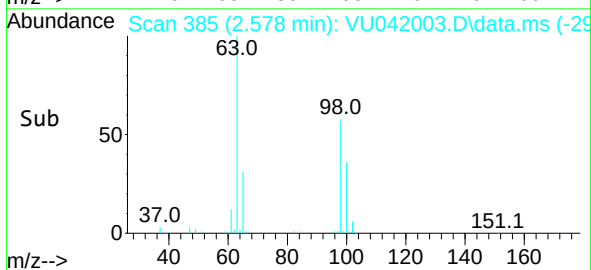
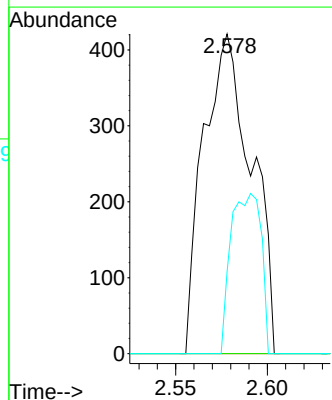
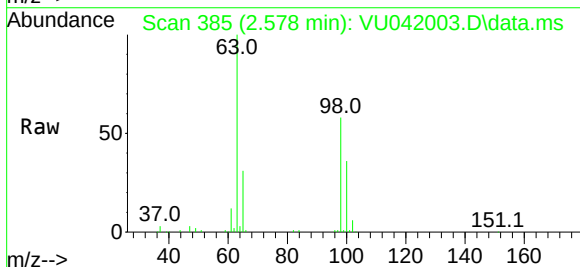
Instrument :
 MSVOA_U
 ClientSampled :

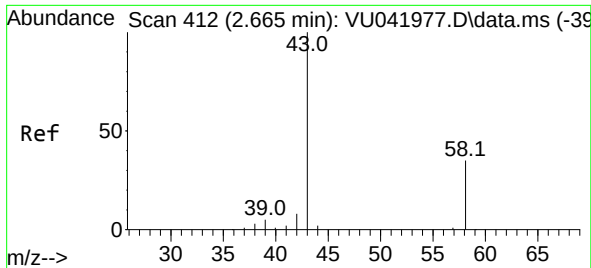
Tgt Ion:101 Resp: 5360
 Ion Ratio Lower Upper
 101 100
 103 61.9 51.6 77.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.08 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.013 min
 Lab File: VU042003.D
 Acq: 14 Jan 2021 00:41

Tgt Ion:101 Resp: 763
 Ion Ratio Lower Upper
 101 100
 85 12.3 35.9 53.9#
 151 31.7 55.4 83.2#

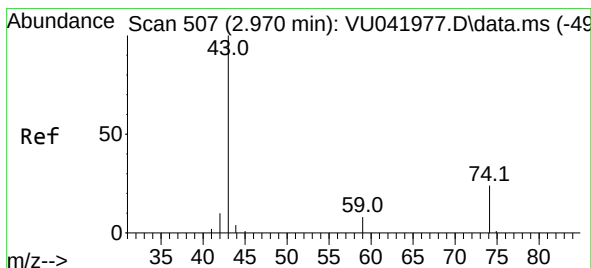
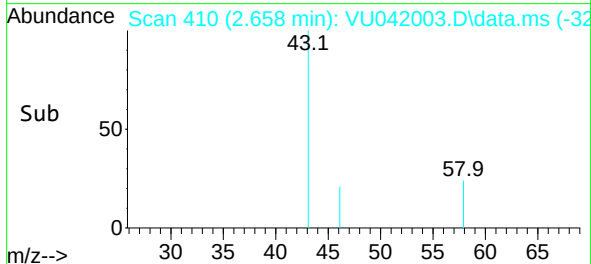
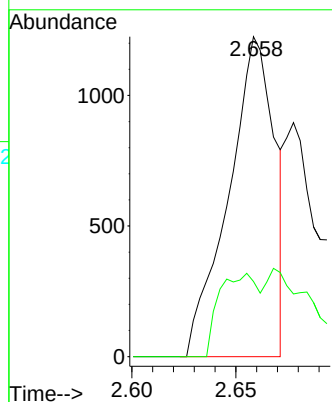
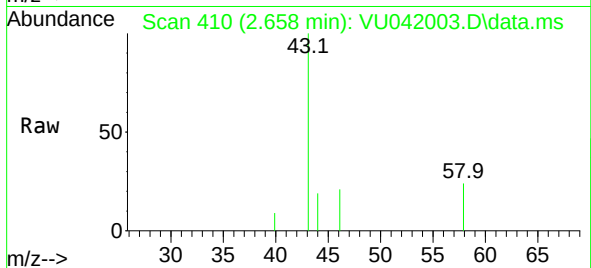




#13
Acetone
Concen: 1.03 ug/L
RT: 2.658 min Scan# 410
Delta R.T. -0.013 min
Lab File: VU042003.D
Acq: 14 Jan 2021 00:41

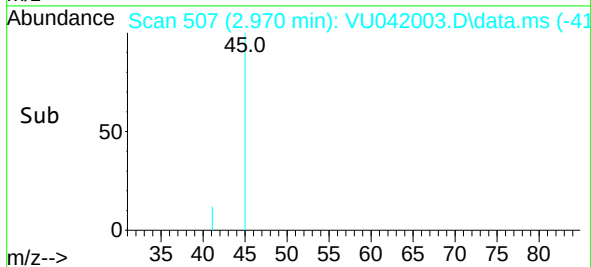
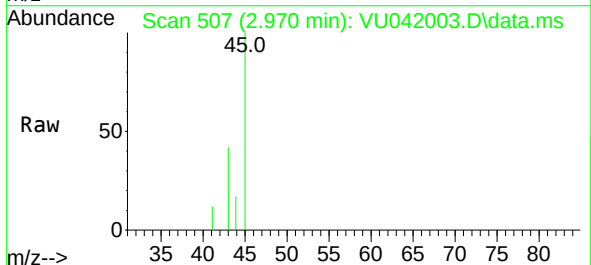
Instrument :
MSVOA_U
ClientSampled :

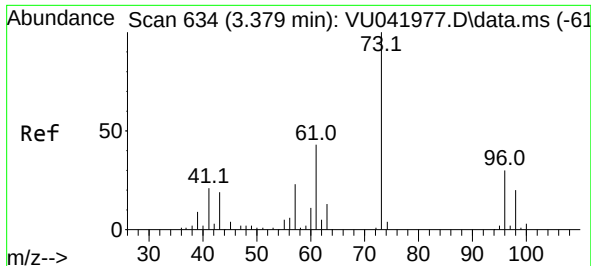
Tgt Ion: 43 Resp: 1879
Ion Ratio Lower Upper
43 100
58 22.1 0.0 57.4



#15
Methyl Acetate
Concen: 0.09 ug/L
RT: 2.970 min Scan# 507
Delta R.T. -0.003 min
Lab File: VU042003.D
Acq: 14 Jan 2021 00:41

Tgt Ion: 43 Resp: 414
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#





#17

Methyl tert-butyl Ether

Concen: 0.19 ug/L

RT: 3.379 min Scan# 634

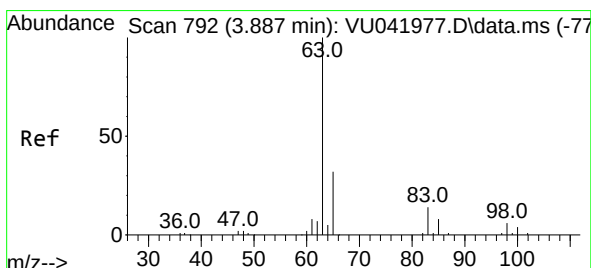
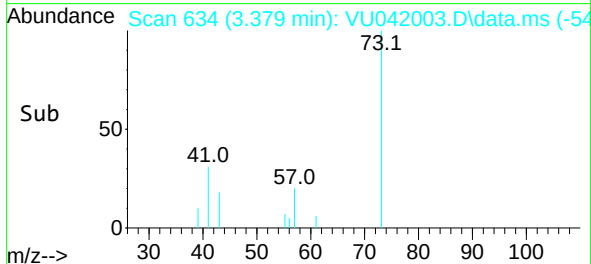
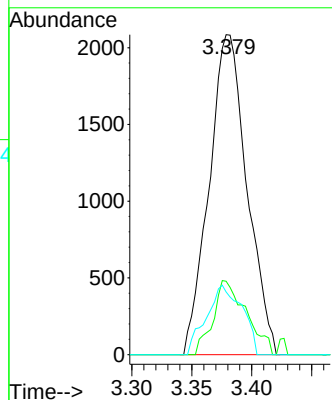
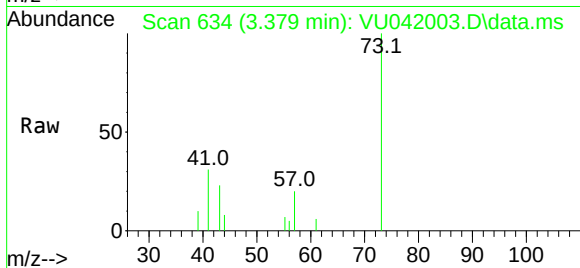
Delta R.T. 0.000 min

Lab File: VU042003.D

Acq: 14 Jan 2021 00:41

Tgt Ion: 73 Resp: 4573

Ion	Ratio	Lower	Upper
73	100		
43	20.3	15.1	22.7
57	20.5	18.0	27.0



#19

1,1-Dichloroethane

Concen: 0.05 ug/L

RT: 3.890 min Scan# 793

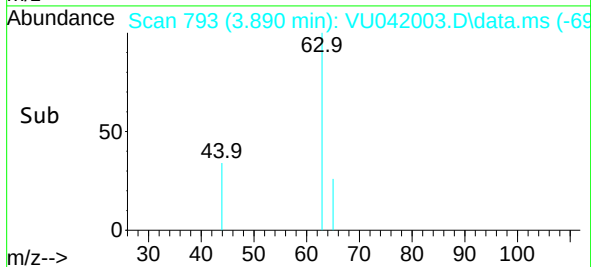
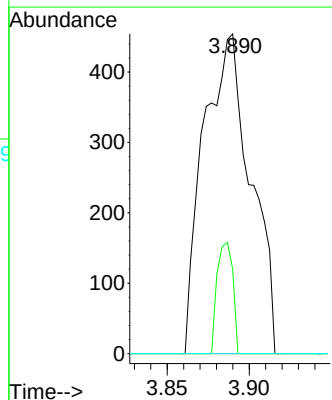
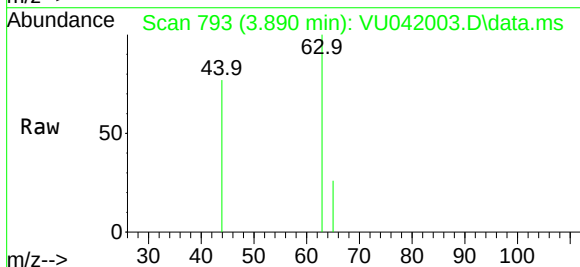
Delta R.T. 0.003 min

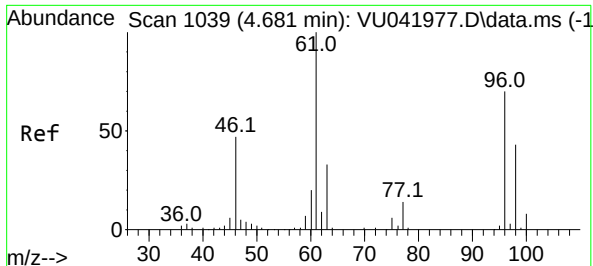
Lab File: VU042003.D

Acq: 14 Jan 2021 00:41

Tgt Ion: 63 Resp: 905

Ion	Ratio	Lower	Upper
63	100		
65	26.4	22.7	42.1
83	0.0	9.4	17.6





#22

cis-1,2-Dichloroethene

Concen: 0.61 ug/L

RT: 4.684 min Scan# 1040

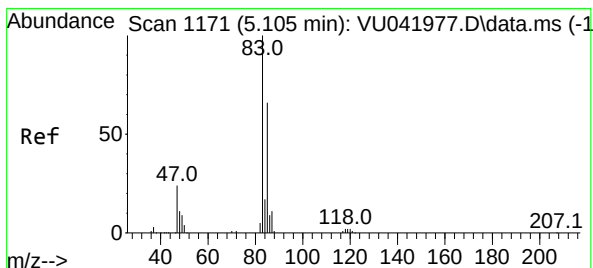
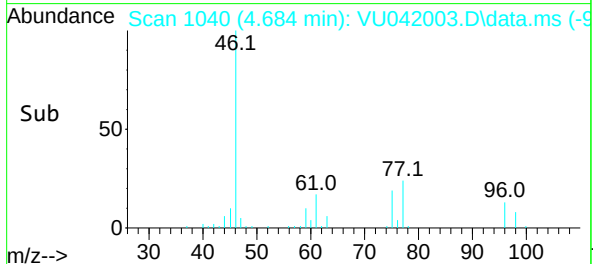
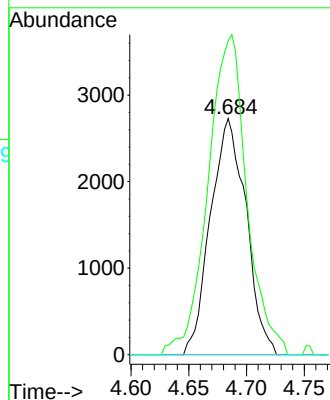
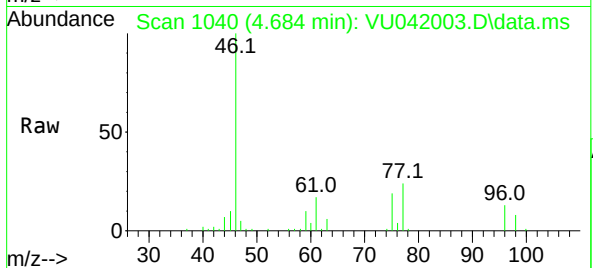
Delta R.T. 0.003 min

Lab File: VU042003.D

Acq: 14 Jan 2021 00:41

Tgt Ion:	96	Resp:	5849
Ion	Ratio	Lower	Upper
96	100		
61	132.8	100.3	186.3
68	0.0	0.0	0.0

Instrument :
MSVOA_U
ClientSampled :



#25

Chloroform

Concen: 0.18 ug/L

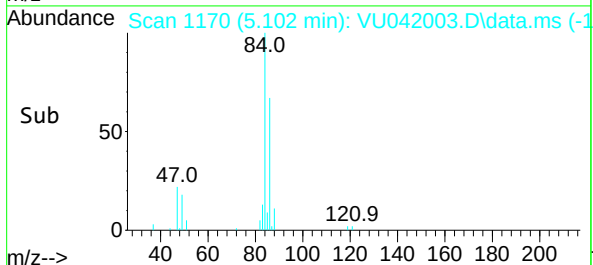
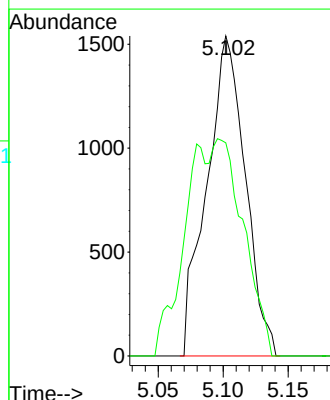
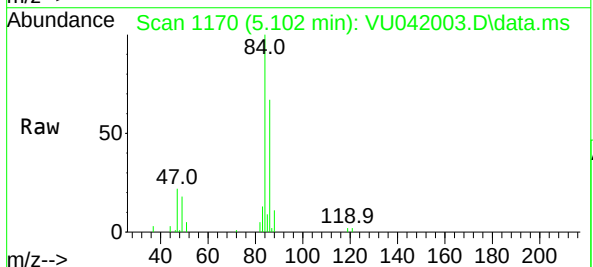
RT: 5.102 min Scan# 1170

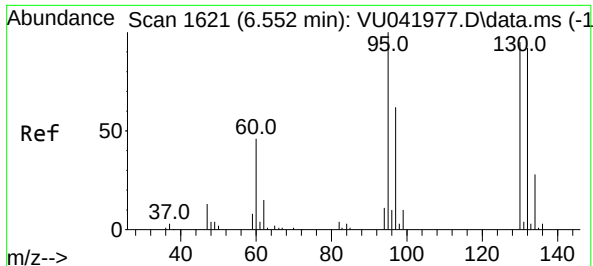
Delta R.T. -0.003 min

Lab File: VU042003.D

Acq: 14 Jan 2021 00:41

Tgt Ion:	83	Resp:	3167
Ion	Ratio	Lower	Upper
83	100		
85	66.6	46.1	85.7

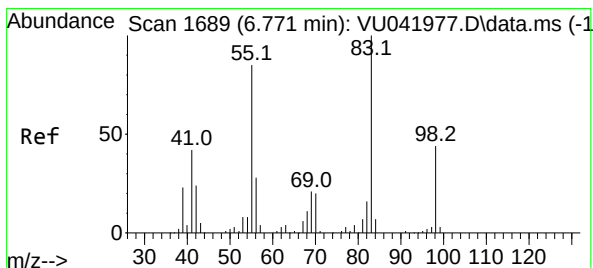
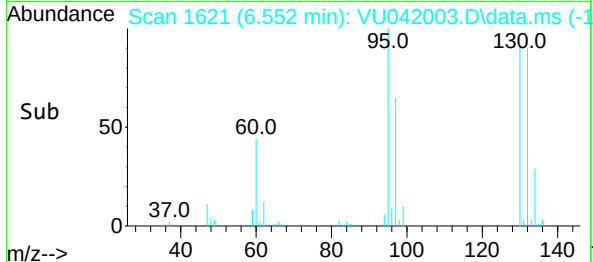
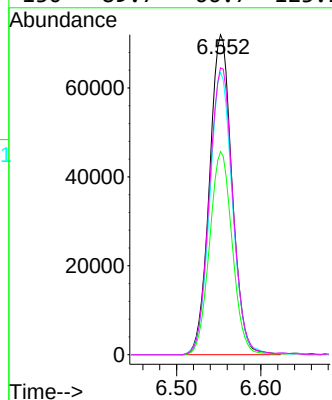
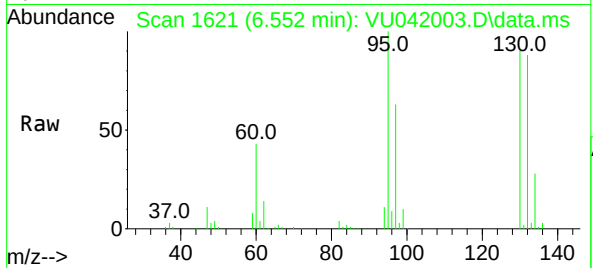




#34
Trichloroethene
Concen: 12.46 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042003.D
Acq: 14 Jan 2021 00:41

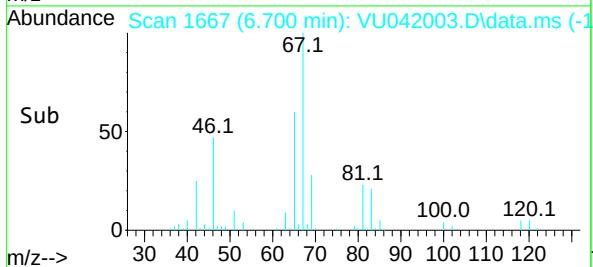
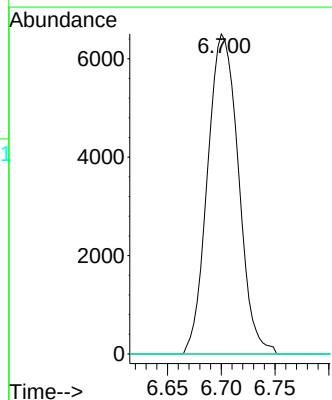
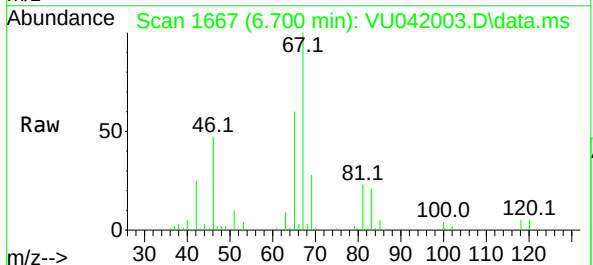
Instrument :
MSVOA_U
ClientSampled :

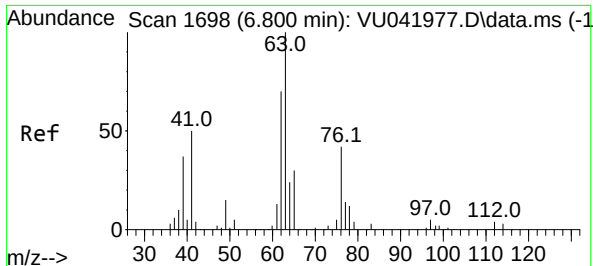
Tgt Ion: 95 Resp: 133860
Ion Ratio Lower Upper
95 100
97 63.4 43.6 81.0
132 88.2 64.3 119.3
130 89.7 66.7 123.9



#35
Methylcyclohexane
Concen: 0.76 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042003.D
Acq: 14 Jan 2021 00:41

Tgt Ion: 83 Resp: 13004
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 0.0 35.7 53.5#



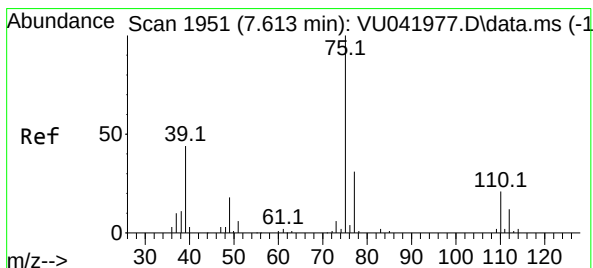
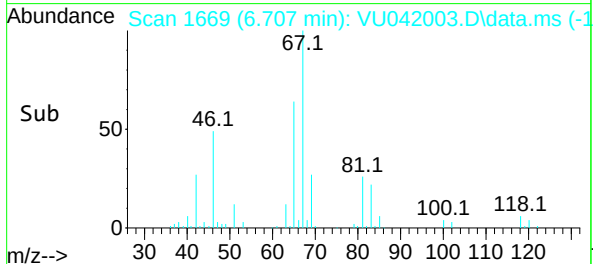
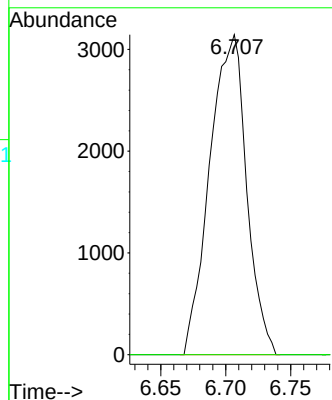
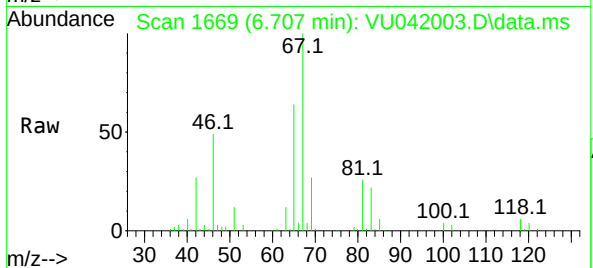


#37

1,2-Dichloropropane
Concen: 0.56 ug/L
RT: 6.707 min Scan# 1669
Delta R.T. -0.096 min
Lab File: VU042003.D
Acq: 14 Jan 2021 00:41

Instrument :
MSVOA_U
ClientSampled :

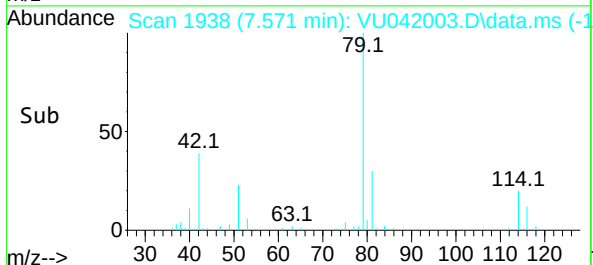
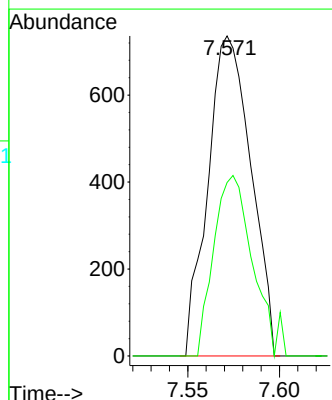
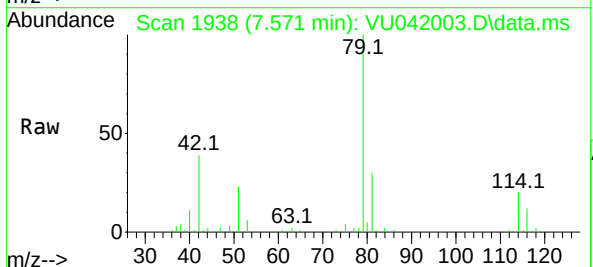
Tgt Ion: 63 Resp: 6201
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

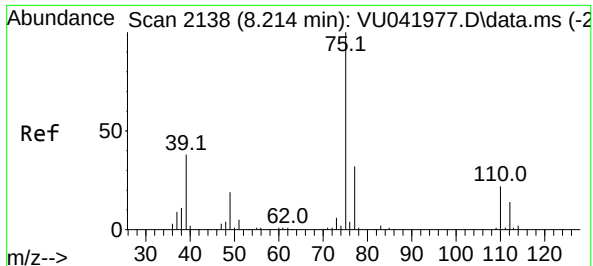


#39

cis-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU042003.D
Acq: 14 Jan 2021 00:41

Tgt Ion: 75 Resp: 1203
Ion Ratio Lower Upper
75 100
77 54.2 21.9 40.7#

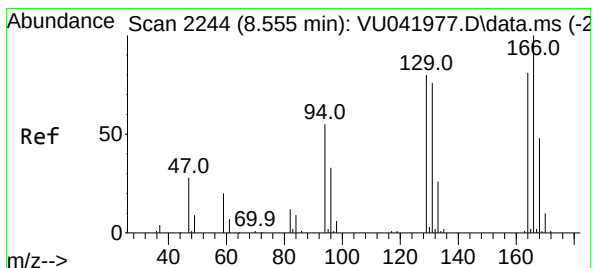
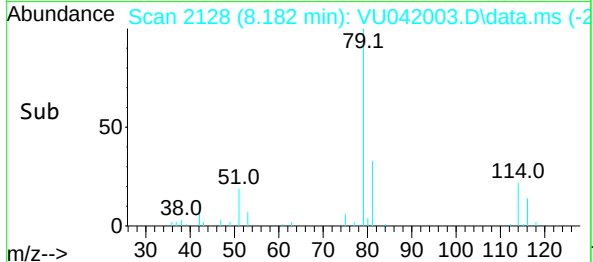
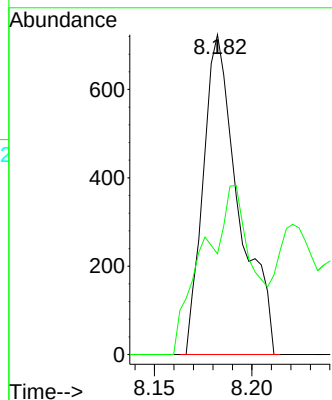
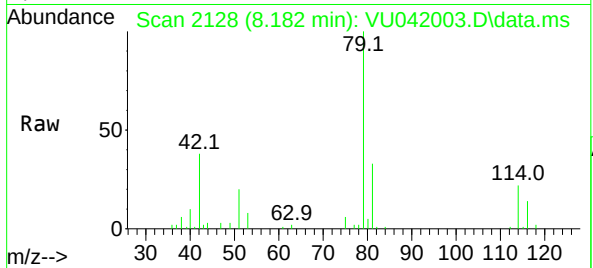




#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.035 min
Lab File: VU042003.D
Acq: 14 Jan 2021 00:41

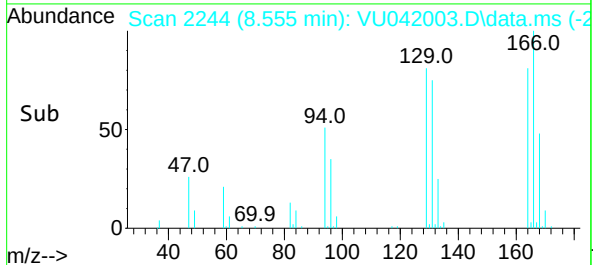
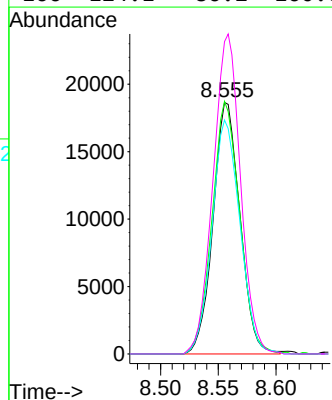
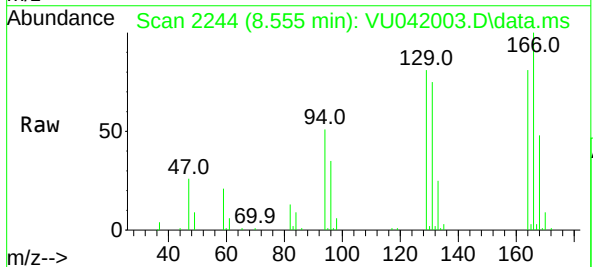
Instrument :
MSVOA_U
ClientSampleId :

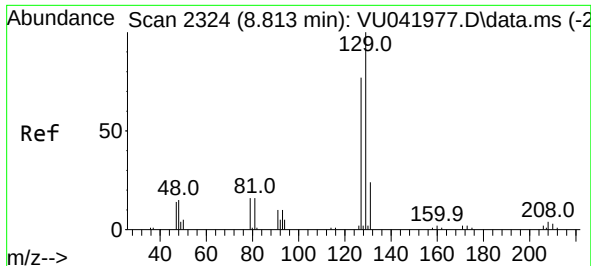
Tgt Ion: 75 Resp: 917
Ion Ratio Lower Upper
75 100
77 31.5 22.0 41.0



#47
Tetrachloroethene
Concen: 4.33 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU042003.D
Acq: 14 Jan 2021 00:41

Tgt Ion:164 Resp: 30132
Ion Ratio Lower Upper
164 100
129 100.4 68.7 127.5
131 93.0 65.2 121.0
166 124.1 86.2 160.0

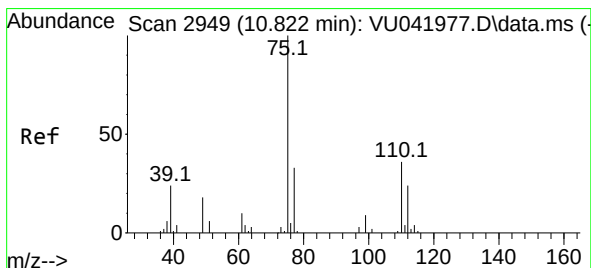
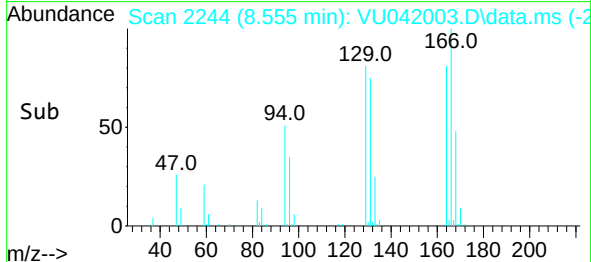
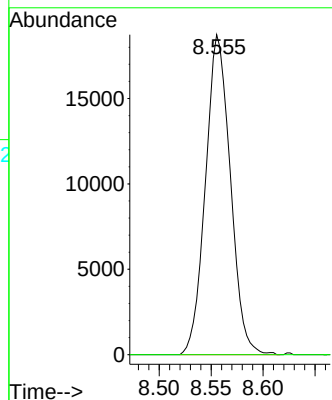
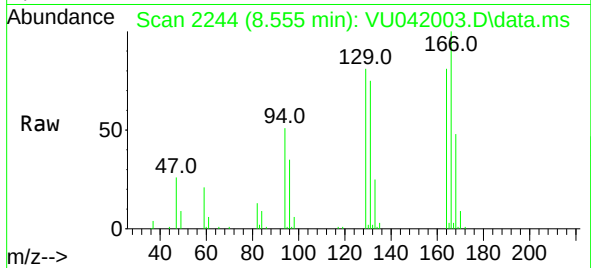




#49
Dibromochloromethane
Concen: 3.63 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU042003.D
Acq: 14 Jan 2021 00:41

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 31194
Ion Ratio Lower Upper
129 100
127 0.0 53.7 99.7#



#59
1,2,3-Trichloropropane
Concen: 0.70 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU042003.D
Acq: 14 Jan 2021 00:41

Tgt Ion: 75 Resp: 5161
Ion Ratio Lower Upper
75 100
77 35.5 25.6 38.4

