

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU042002.D
 Acq On : 14 Jan 2021 00:16
 Operator : SY/MD
 Sample : M1065-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 15 02:48:11 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	124364	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	111871	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	42789	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	42569	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.919	69	42448	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.575	63	67213	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.658	46	170731	54.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.42%
24) Chloroform-d	5.080	84	95114	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.716	65	52255	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.742	84	180135	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.700	67	61371	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.903	98	149555	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloroprop...	8.182	79	22906	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.642	63	127994	52.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.74%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	43817	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	12.189	152	44032	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	964	0.07	ug/L	100
9) Trichlorofluoromethane	2.147	101	3120	0.17	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	706	0.07	ug/L #	21
12) 1,1-Dichloroethene	2.581	96	599	0.06	ug/L #	1
13) Acetone	2.671	43	2843	1.44	ug/L	64
17) Methyl tert-butyl Ether	3.382	73	3756	0.15	ug/L #	85
22) cis-1,2-Dichloroethene	4.684	96	3394	0.33	ug/L	100
25) Chloroform	5.105	83	2559	0.13	ug/L	100
34) Trichloroethene	6.552	95	121038	11.70	ug/L	97
35) Methylcyclohexane	6.700	83	14228	0.87	ug/L #	16
37) 1,2-Dichloropropane	6.697	63	6444	0.60	ug/L #	90
39) cis-1,3-Dichloropropene	7.578	75	1372	0.09	ug/L #	59
44) trans-1,3-Dichloropropene	8.185	75	976	0.07	ug/L #	23
47) Tetrachloroethene	8.558	164	25303	3.77	ug/L	98
48) 2-Hexanone	8.642	43	13721	2.74	ug/L #	68
49) Dibromochloromethane	8.555	129	25467	3.07	ug/L #	11
59) 1,2,3-Trichloropropane	11.809	75	5057	0.71	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042002.D
Acq On : 14 Jan 2021 00:16
Operator : SY/MD
Sample : M1065-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

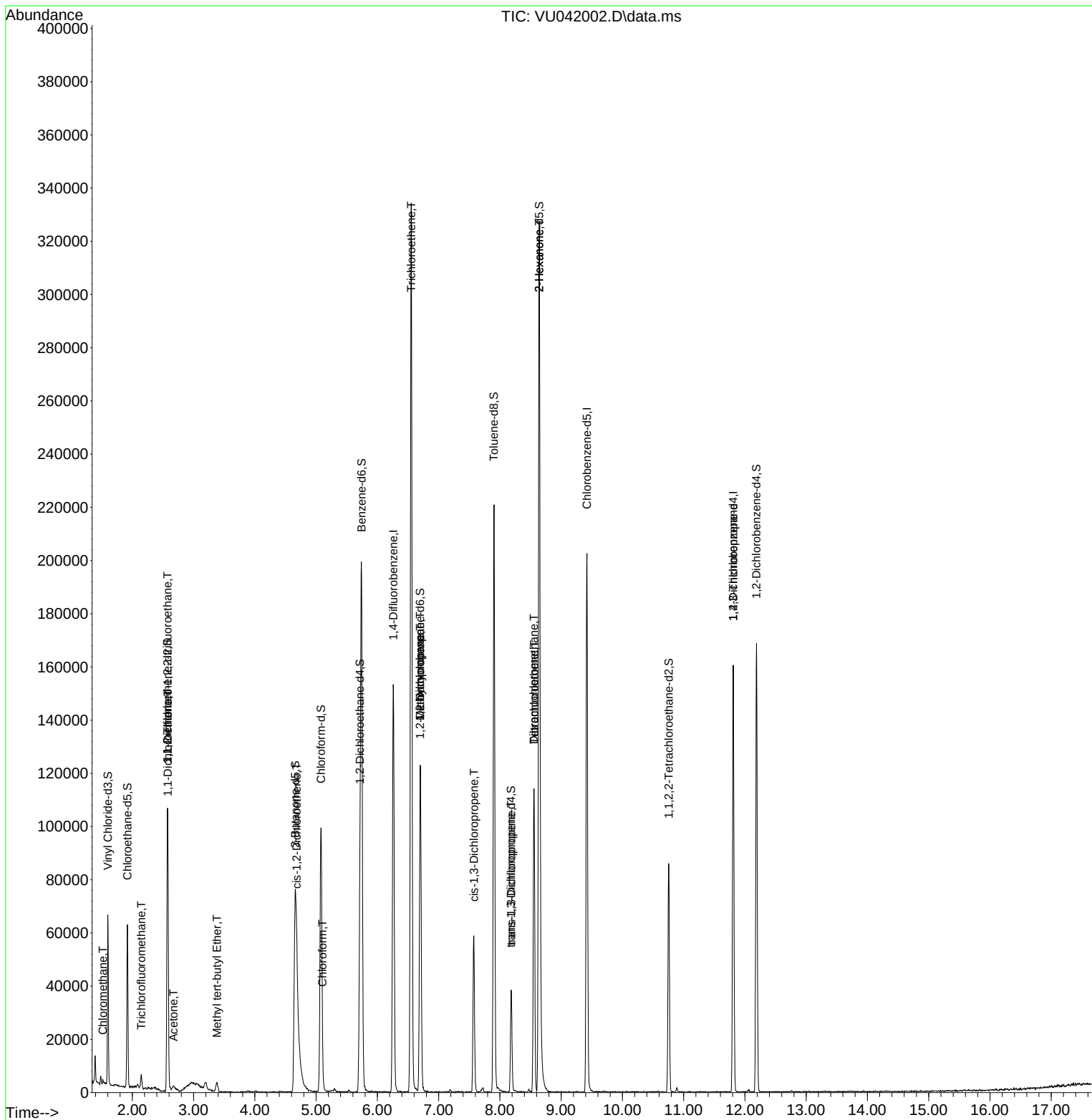
Instrument :
MSVOA_U
ClientSampleId :

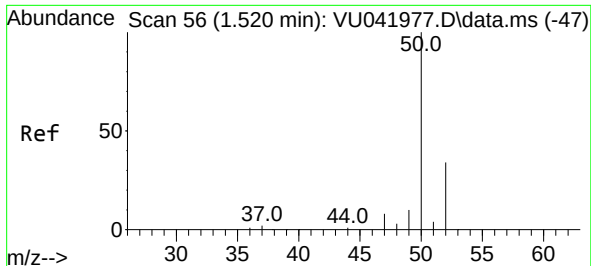
Quant Time: Jan 15 02:48:11 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 15 02:46:12 2021
Response via : Initial Calibration

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

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

Quant Time: Jan 15 02:48:11 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

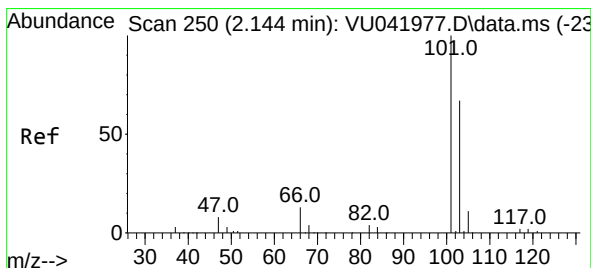
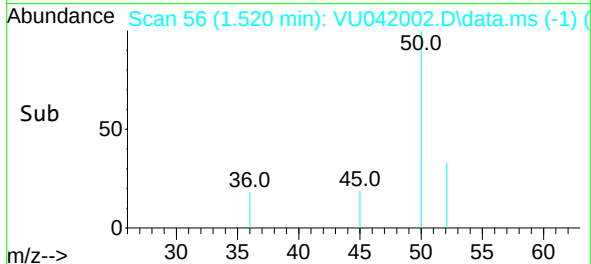
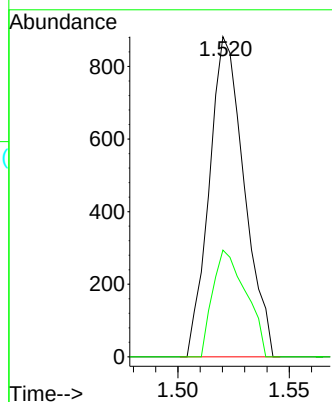
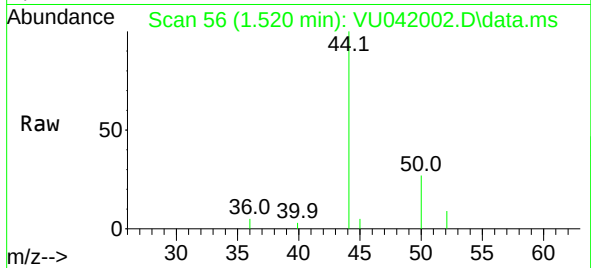




#3
Chloromethane
Concen: 0.07 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042002.D
Acq: 14 Jan 2021 00:16

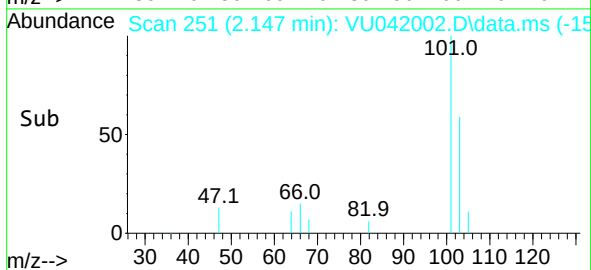
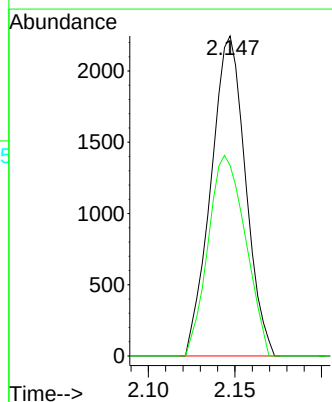
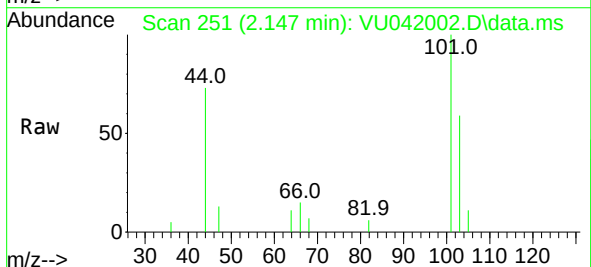
Instrument :
MSVOA_U
ClientSampled :

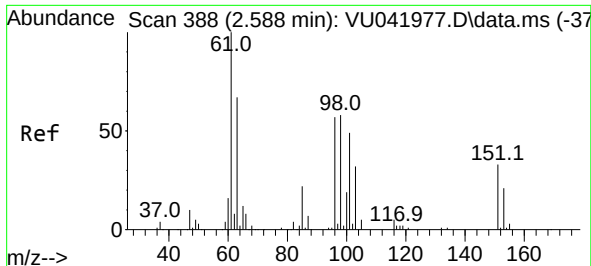
Tgt Ion: 50 Resp: 964
Ion Ratio Lower Upper
50 100
52 33.3 23.5 43.7



#9
Trichlorofluoromethane
Concen: 0.17 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU042002.D
Acq: 14 Jan 2021 00:16

Tgt Ion: 101 Resp: 3120
Ion Ratio Lower Upper
101 100
103 67.3 51.6 77.4

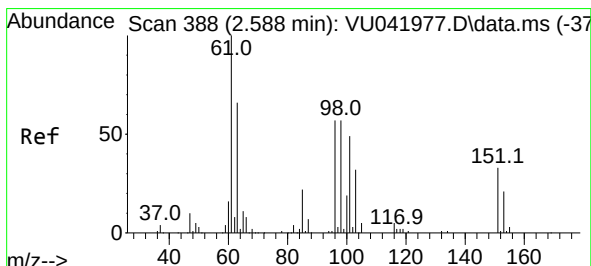
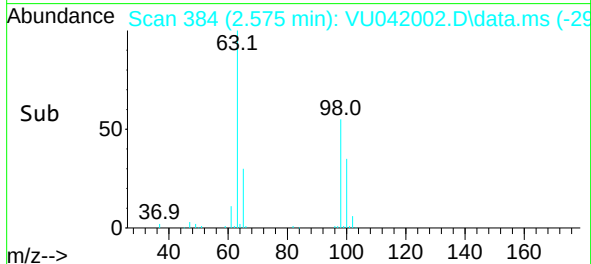
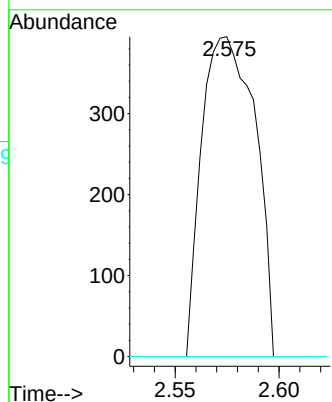
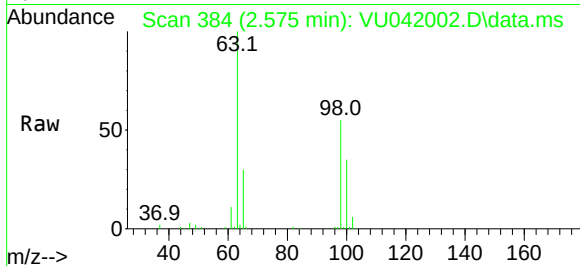




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.07 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.016 min
Lab File: VU042002.D
Acq: 14 Jan 2021 00:16

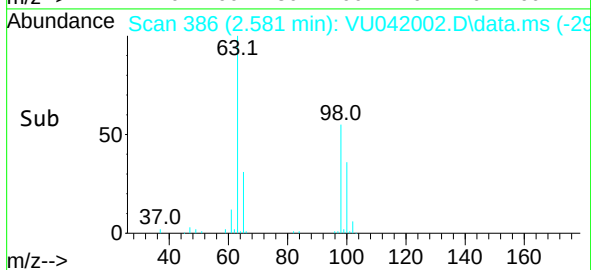
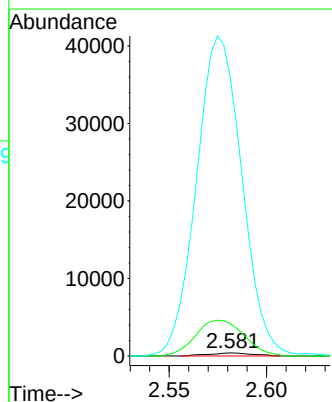
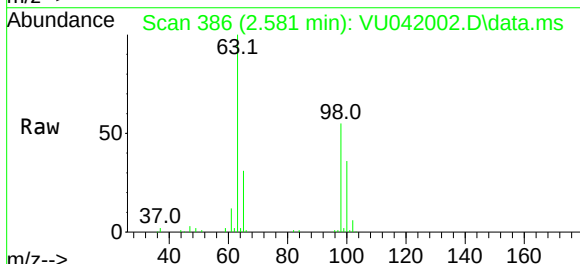
Instrument :
MSVOA_U
ClientSampled :

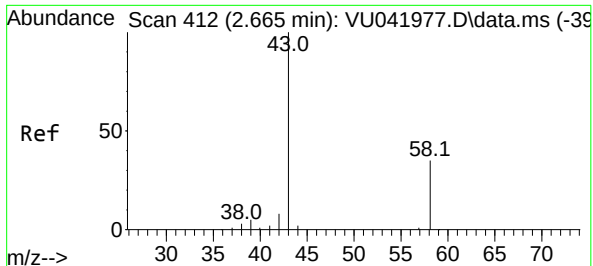
Tgt Ion:101 Resp: 706
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 0.0 55.4 83.2#



#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.006 min
Lab File: VU042002.D
Acq: 14 Jan 2021 00:16

Tgt Ion: 96 Resp: 599
Ion Ratio Lower Upper
96 100
61 1097.9 122.2 226.9#
63 9426.6 82.8 153.8#

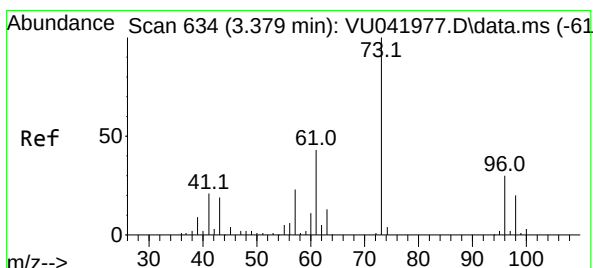
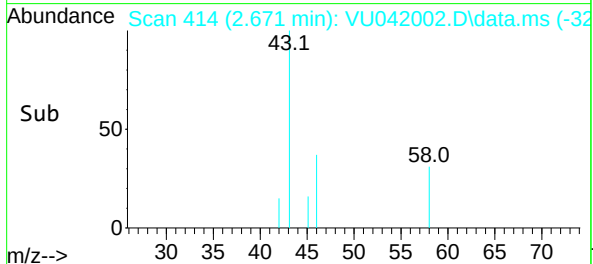
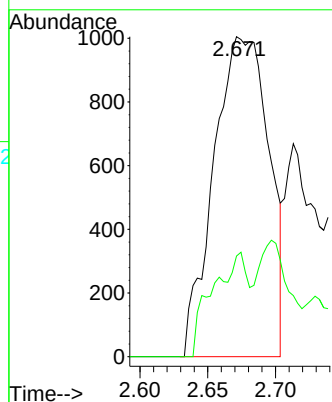
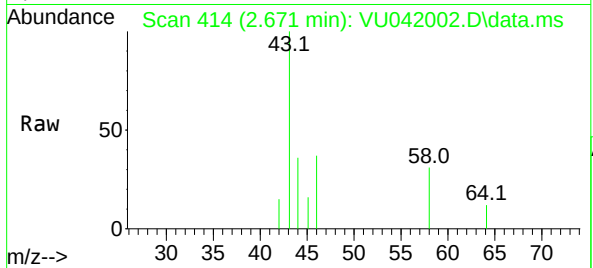




#13
Acetone
Concen: 1.44 ug/L
RT: 2.671 min Scan# 414
Delta R.T. -0.000 min
Lab File: VU042002.D
Acq: 14 Jan 2021 00:16

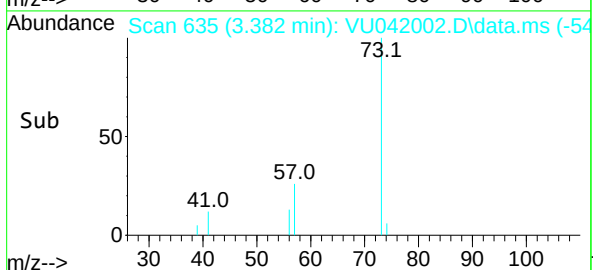
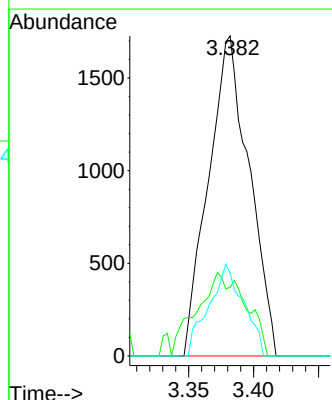
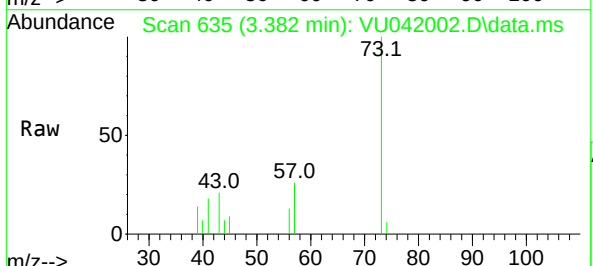
Instrument :
MSVOA_U
ClientSampled :

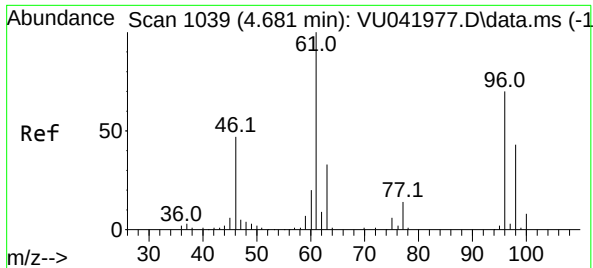
Tgt Ion: 43 Resp: 2843
Ion Ratio Lower Upper
43 100
58 9.4 0.0 57.4



#17
Methyl tert-butyl Ether
Concen: 0.15 ug/L
RT: 3.382 min Scan# 635
Delta R.T. 0.003 min
Lab File: VU042002.D
Acq: 14 Jan 2021 00:16

Tgt Ion: 73 Resp: 3756
Ion Ratio Lower Upper
73 100
43 31.3 15.1 22.7#
57 24.5 18.0 27.0

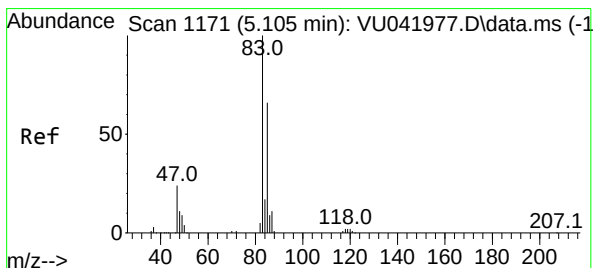
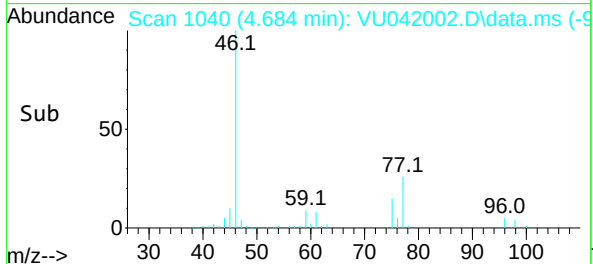
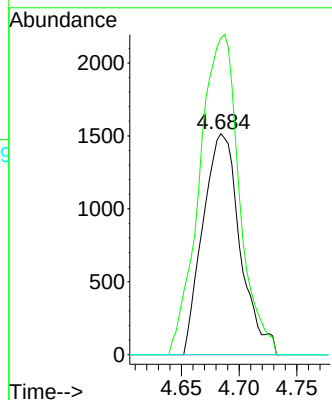
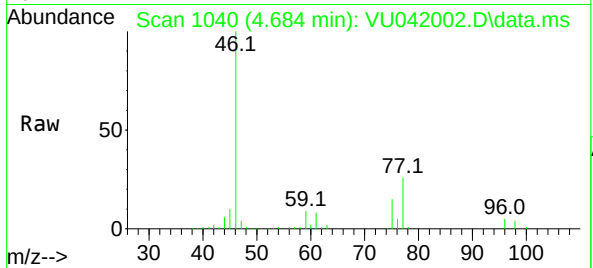




#22
cis-1,2-Dichloroethene
Concen: 0.33 ug/L
RT: 4.684 min Scan# 1040
Delta R.T. 0.003 min
Lab File: VU042002.D
Acq: 14 Jan 2021 00:16

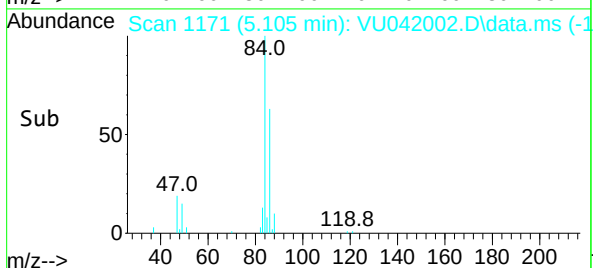
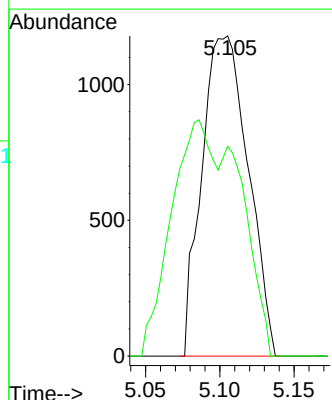
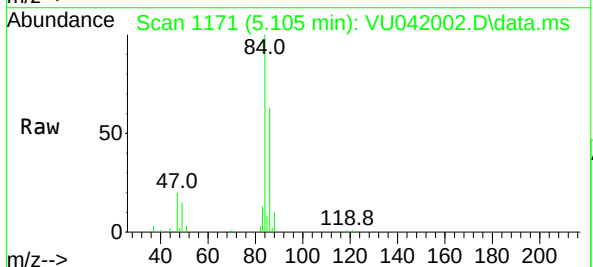
Instrument :
MSVOA_U
ClientSampled :

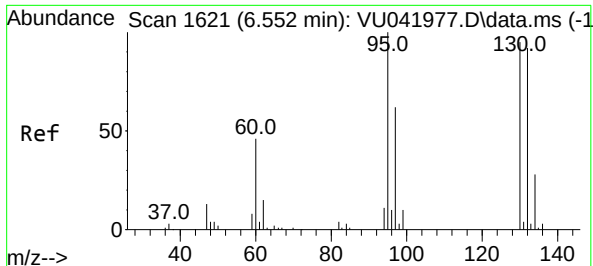
Tgt Ion: 96 Resp: 3394
Ion Ratio Lower Upper
96 100
61 143.2 100.3 186.3
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.13 ug/L
RT: 5.105 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VU042002.D
Acq: 14 Jan 2021 00:16

Tgt Ion: 83 Resp: 2559
Ion Ratio Lower Upper
83 100
85 65.6 46.1 85.7

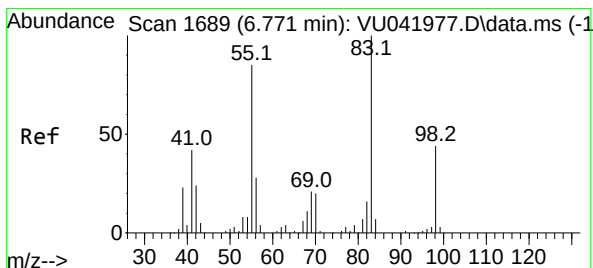
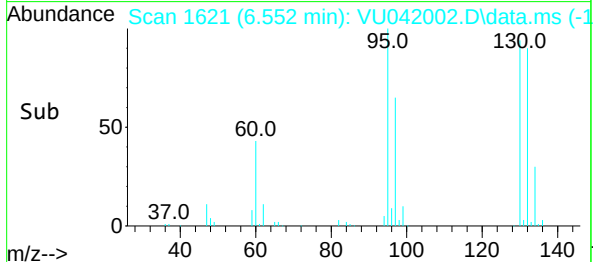
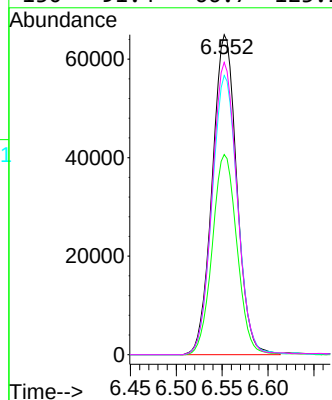
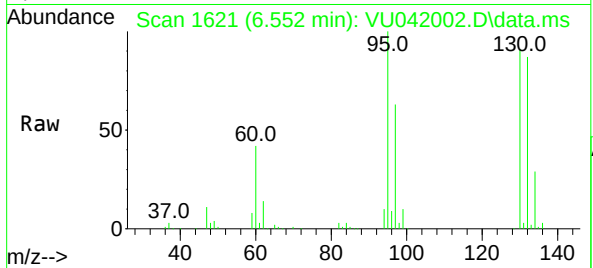




#34
Trichloroethene
Concen: 11.70 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042002.D
Acq: 14 Jan 2021 00:16

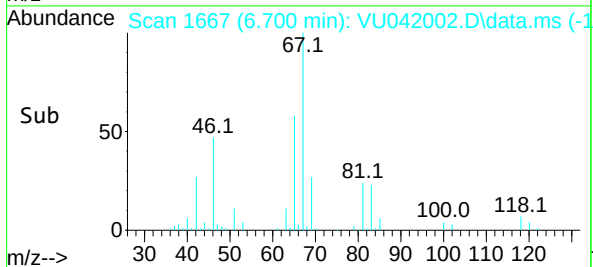
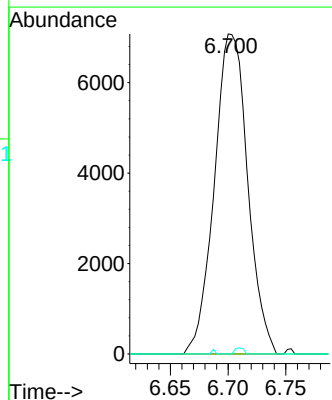
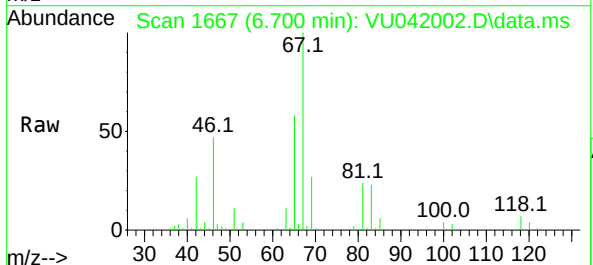
Instrument :
MSVOA_U
ClientSampleId :

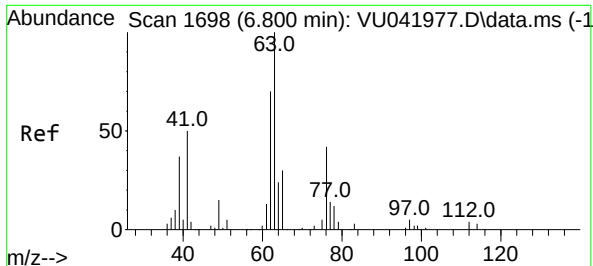
Tgt Ion: 95 Resp: 121038
Ion Ratio Lower Upper
95 100
97 62.6 43.6 81.0
132 87.2 64.3 119.3
130 91.4 66.7 123.9



#35
Methylcyclohexane
Concen: 0.87 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042002.D
Acq: 14 Jan 2021 00:16

Tgt Ion: 83 Resp: 14228
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 0.0 35.7 53.5#



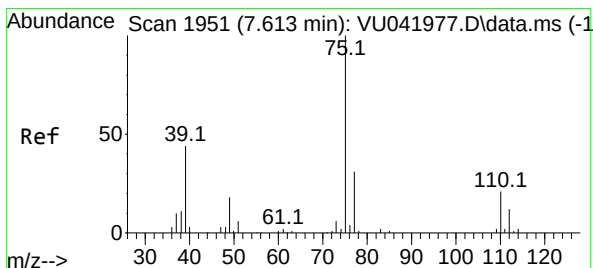
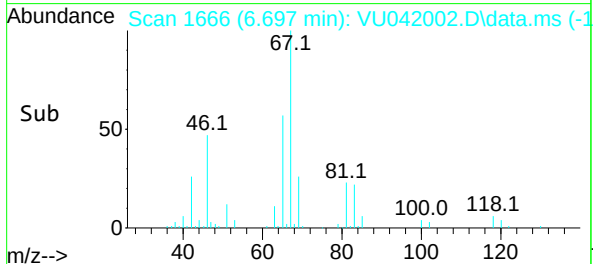
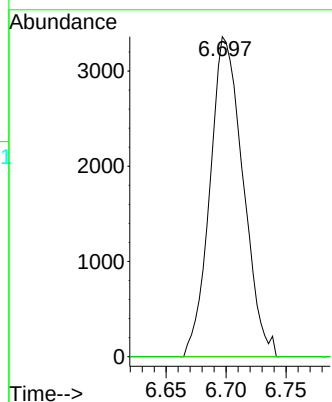
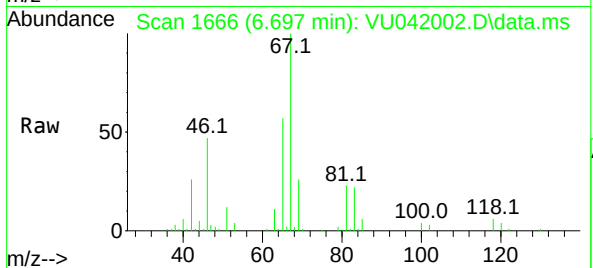


#37

1,2-Dichloropropane
Concen: 0.60 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.106 min
Lab File: VU042002.D
Acq: 14 Jan 2021 00:16

Instrument :
MSVOA_U
ClientSampled :

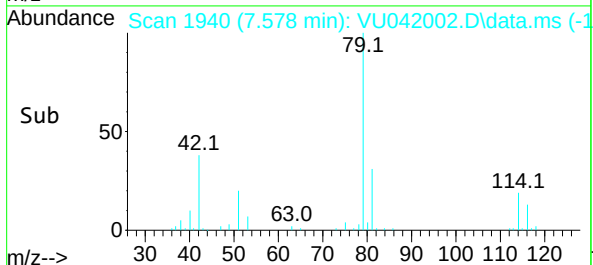
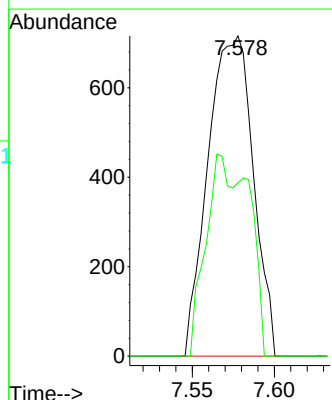
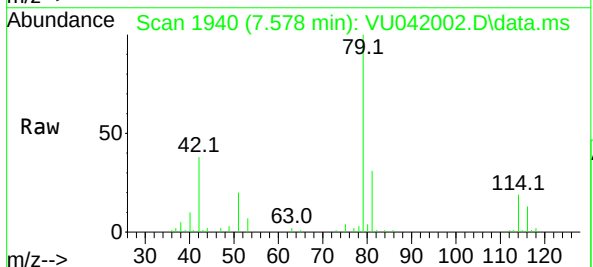
Tgt Ion: 63 Resp: 6444
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

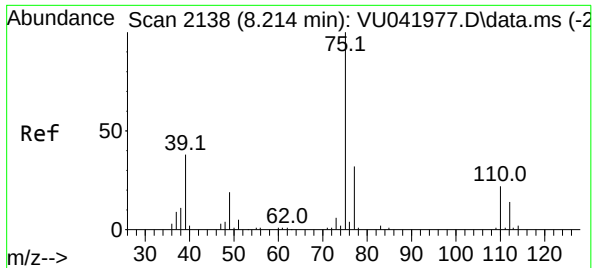


#39

cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.035 min
Lab File: VU042002.D
Acq: 14 Jan 2021 00:16

Tgt Ion: 75 Resp: 1372
Ion Ratio Lower Upper
75 100
77 54.2 21.9 40.7#

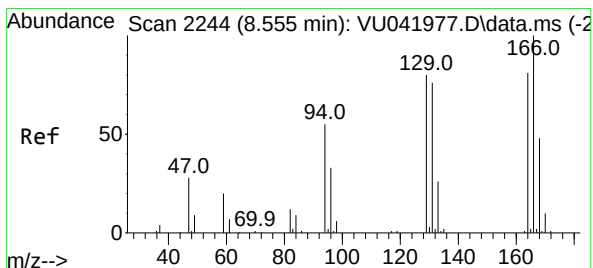
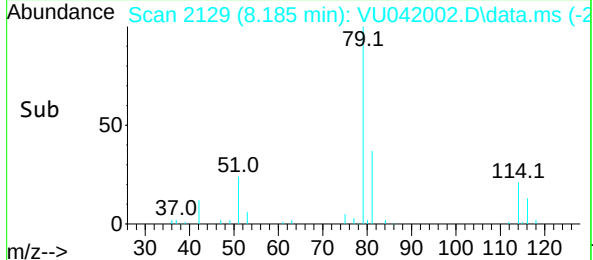
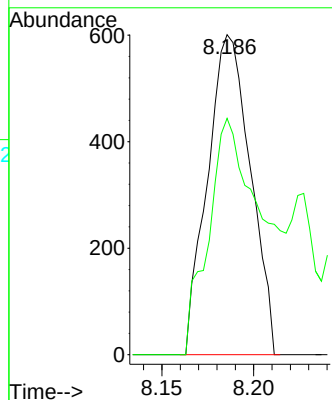
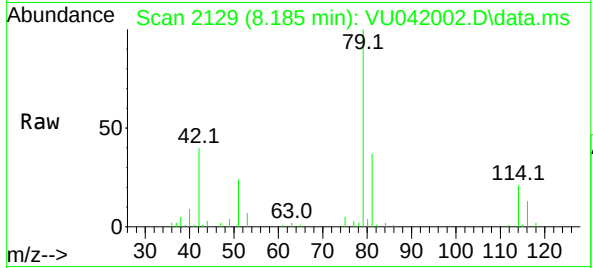




#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042002.D
Acq: 14 Jan 2021 00:16

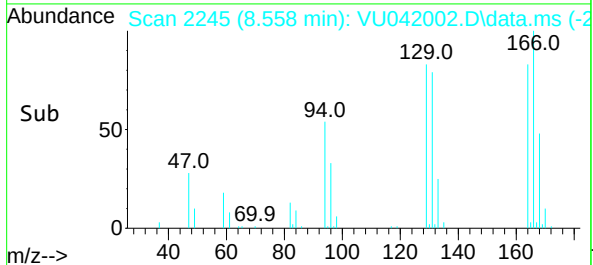
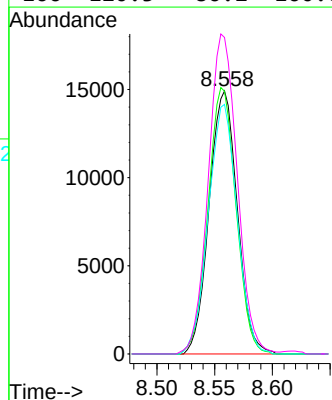
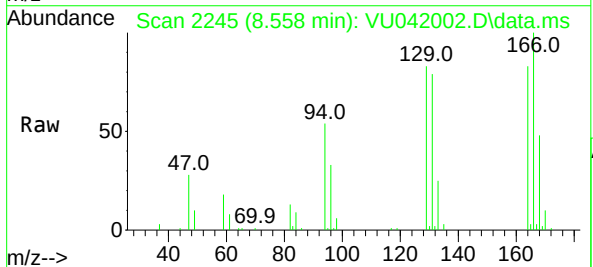
Instrument :
MSVOA_U
ClientSampled :

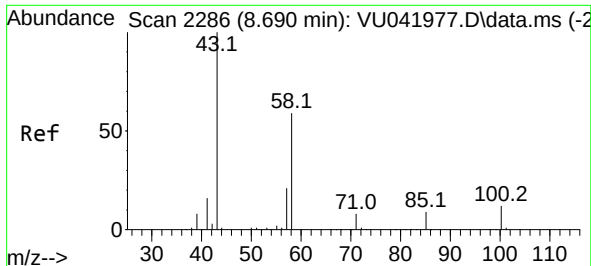
Tgt Ion: 75 Resp: 976
Ion Ratio Lower Upper
75 100
77 73.9 22.0 41.0#



#47
Tetrachloroethene
Concen: 3.77 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU042002.D
Acq: 14 Jan 2021 00:16

Tgt Ion:164 Resp: 25303
Ion Ratio Lower Upper
164 100
129 99.8 68.7 127.5
131 94.9 65.2 121.0
166 120.3 86.2 160.0

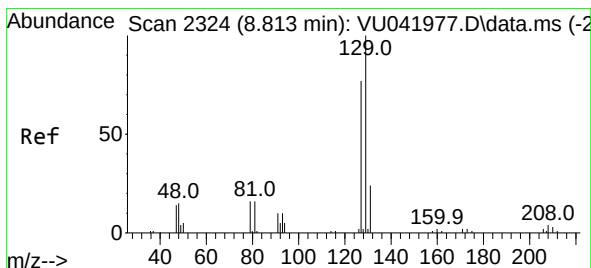
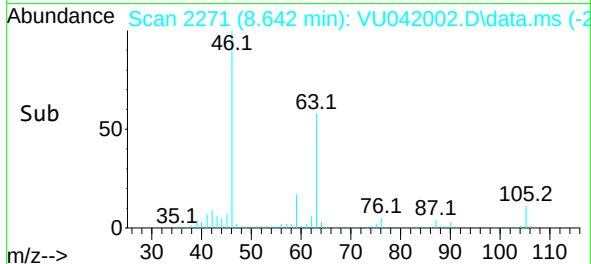
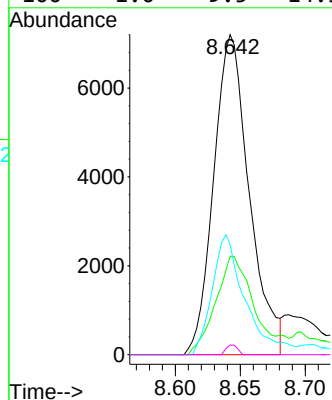
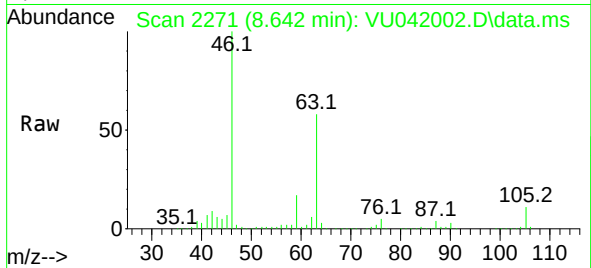




#48
2-Hexanone
Concen: 2.74 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.048 min
Lab File: VU042002.D
Acq: 14 Jan 2021 00:16

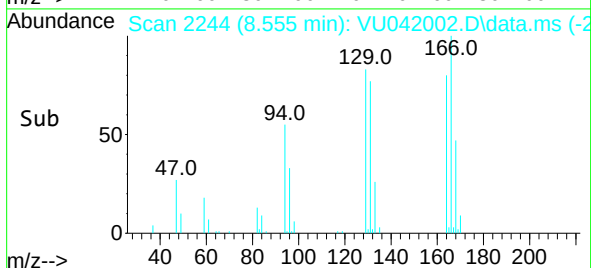
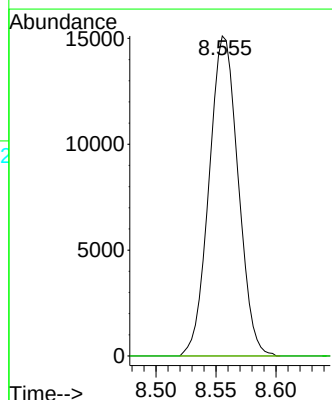
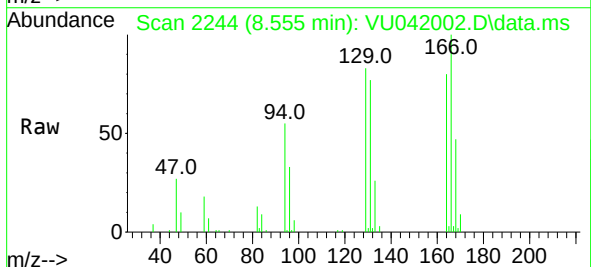
Instrument :
MSVOA_U
ClientSampled :

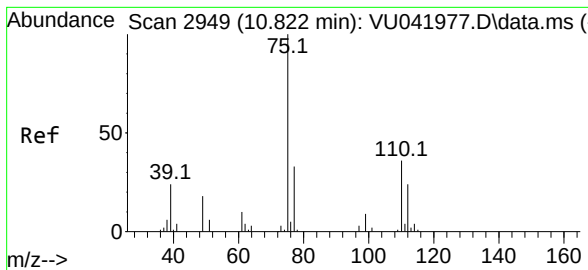
Tgt Ion: 43	Resp: 13721
Ion Ratio	Lower Upper
43 100	
58 33.8	47.8 71.8#
57 34.9	17.4 26.0#
100 1.0	9.5 14.3#



#49
Dibromochloromethane
Concen: 3.07 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU042002.D
Acq: 14 Jan 2021 00:16

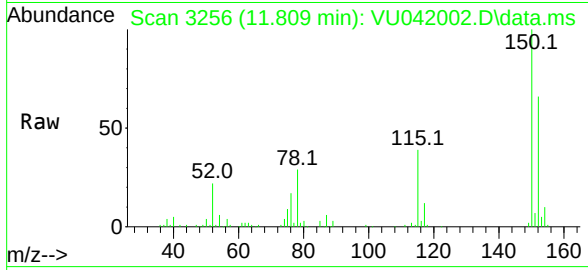
Tgt Ion: 129	Resp: 25467
Ion Ratio	Lower Upper
129 100	
127 0.0	53.7 99.7#





#59
 1,2,3-Trichloropropane
 Concen: 0.71 ug/L
 RT: 11.809 min Scan# 3256
 Delta R.T. 0.987 min
 Lab File: VU042002.D
 Acq: 14 Jan 2021 00:16

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5057
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.6 38.4

