

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU042005.D
 Acq On : 14 Jan 2021 01:28
 Operator : SY/MD
 Sample : M1065-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 15 02:49:11 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	6.259	114	106623	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	104638	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	49794	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.604	65	43258	5.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.40%
7) Chloroethane-d5	1.919	69	43435	5.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.00%
11) 1,1-Dichloroethene-d2	2.575	63	62868	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	4.649	46	167060	61.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.74%
24) Chloroform-d	5.079	84	92757	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.60%
26) 1,2-Dichloroethane-d4	5.716	65	50998	5.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.60%
32) Benzene-d6	5.742	84	166763	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.700	67	49525	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.906	98	123444	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloroprop...	8.185	79	20108	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.639	63	111559	48.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.60%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	47087	5.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.40%
64) 1,2-Dichlorobenzene-d4	12.188	152	46135	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

						Qvalue
3) Chloromethane	1.523	50	1134	0.09	ug/L	92
9) Trichlorofluoromethane	2.144	101	4221	0.27	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	712	0.08	ug/L #	30
12) 1,1-Dichloroethene	2.584	96	793	0.09	ug/L #	1
13) Acetone	2.652	43	3492	2.07	ug/L	86
17) Methyl tert-butyl Ether	3.379	73	4940	0.23	ug/L #	83
19) 1,1-Dichloroethane	3.883	63	704	0.04	ug/L #	49
22) cis-1,2-Dichloroethene	4.681	96	7926	0.89	ug/L	86
25) Chloroform	5.102	83	5374	0.32	ug/L	90
31) Carbon tetrachloride	5.542	117	608	0.05	ug/L #	73
34) Trichloroethene	6.552	95	117848	12.17	ug/L	98
35) Methylcyclohexane	6.700	83	12016	0.78	ug/L #	16
37) 1,2-Dichloropropane	6.703	63	5357	0.53	ug/L #	90
39) cis-1,3-Dichloropropene	7.571	75	1297	0.09	ug/L #	61
44) trans-1,3-Dichloropropene	8.185	75	779	0.06	ug/L	86
47) Tetrachloroethene	8.558	164	24896	3.97	ug/L	99
48) 2-Hexanone	8.642	43	12986	2.77	ug/L #	67
49) Dibromochloromethane	8.558	129	24185	3.12	ug/L #	11
59) 1,2,3-Trichloropropane	11.809	75	6108	0.92	ug/L	93

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 15 02:49:11 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

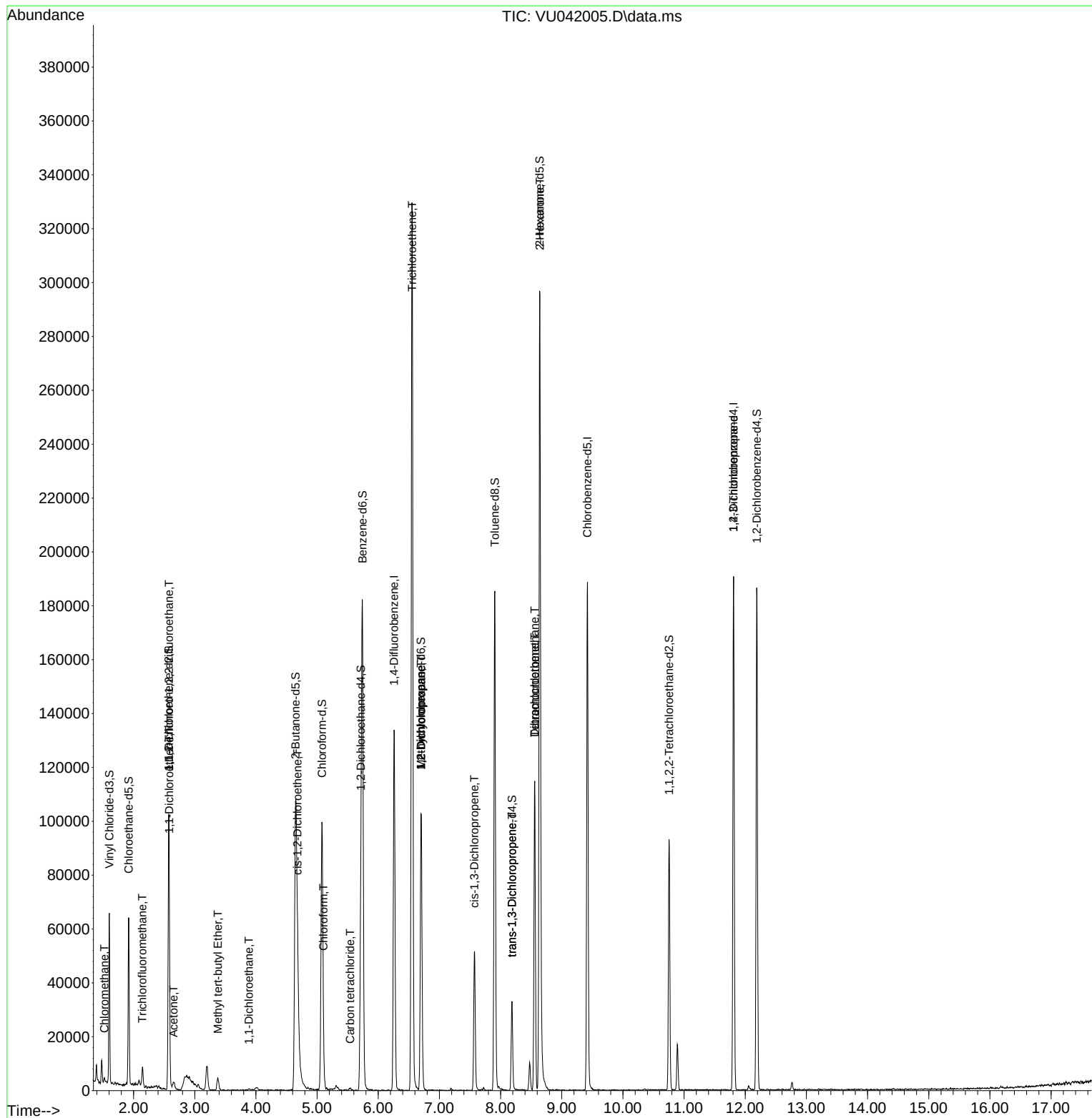
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

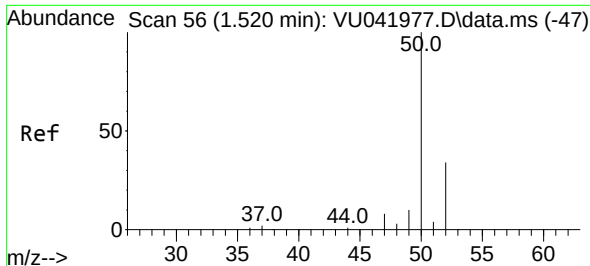
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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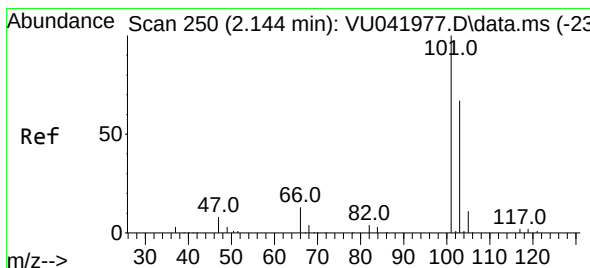
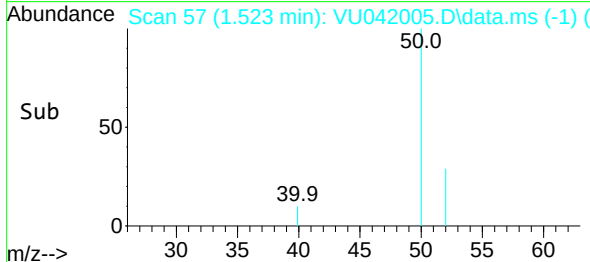
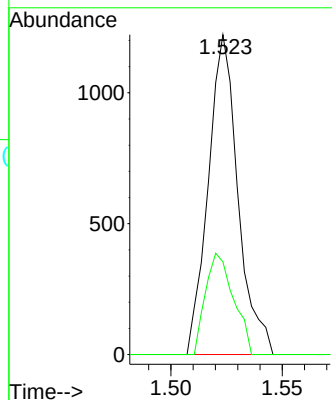
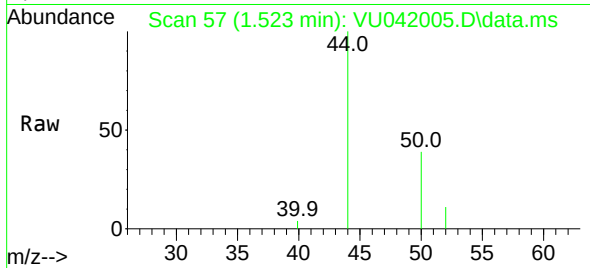




#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042005.D
Acq: 14 Jan 2021 01:28

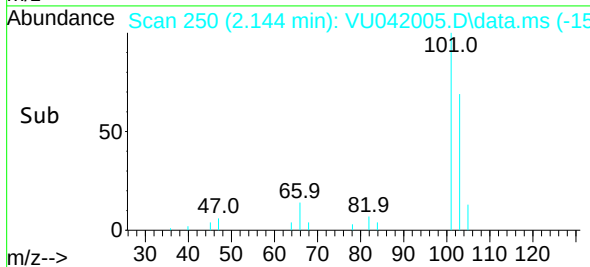
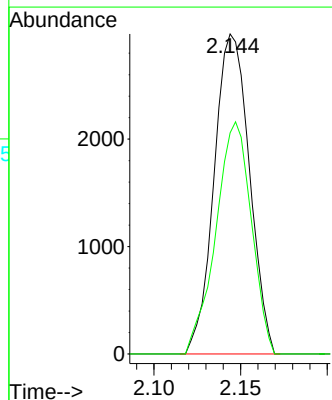
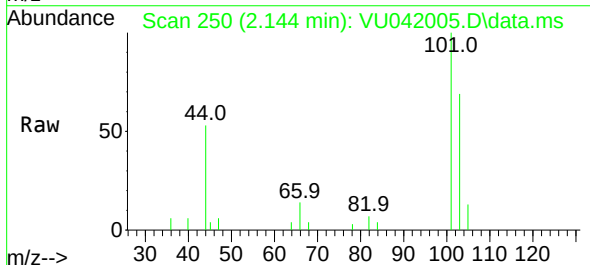
Instrument :
MSVOA_U
ClientSampled :

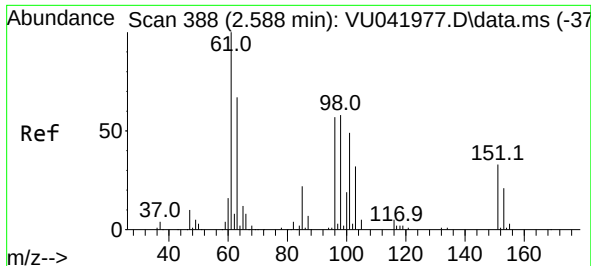
Tgt Ion: 50 Resp: 1134
Ion Ratio Lower Upper
50 100
52 29.0 23.5 43.7



#9
Trichlorofluoromethane
Concen: 0.27 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU042005.D
Acq: 14 Jan 2021 01:28

Tgt Ion:101 Resp: 4221
Ion Ratio Lower Upper
101 100
103 72.9 51.6 77.4

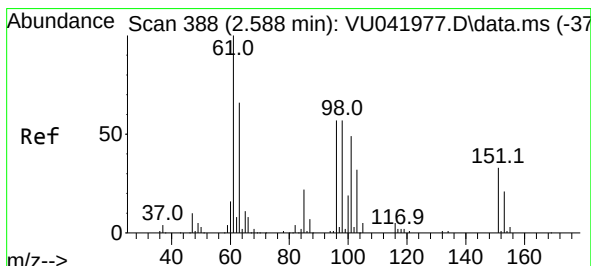
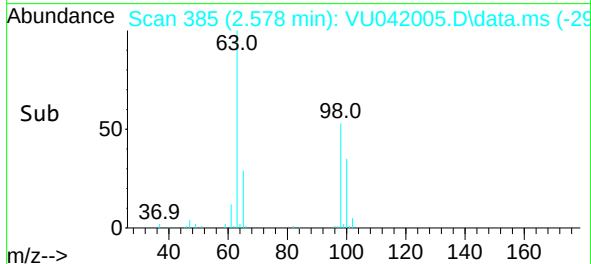
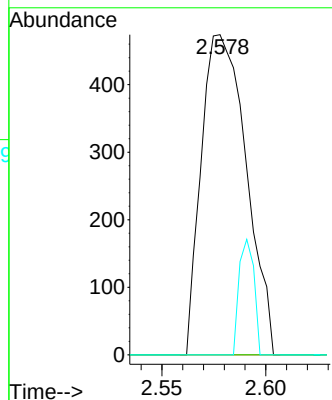
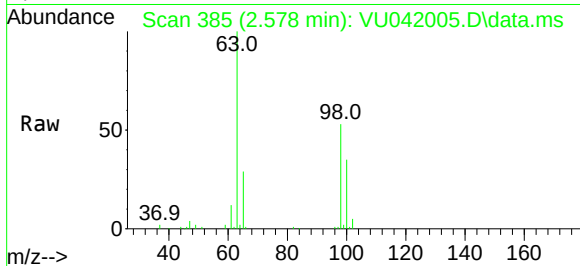




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.08 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.013 min
Lab File: VU042005.D
Acq: 14 Jan 2021 01:28

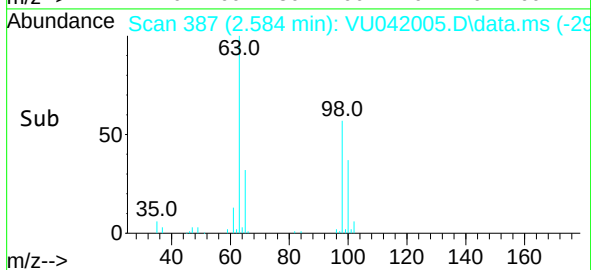
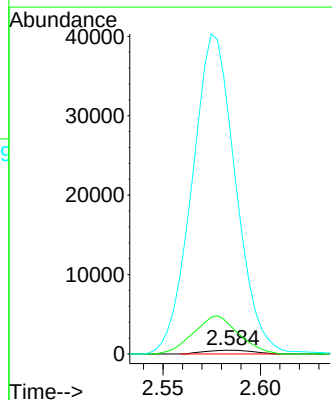
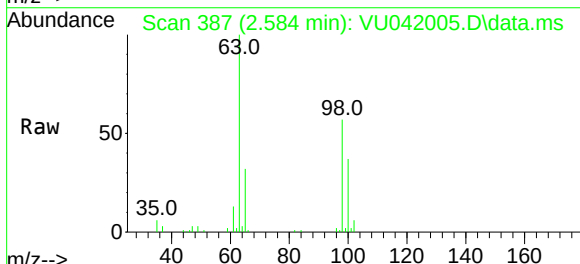
Instrument :
MSVOA_U
ClientSampled :

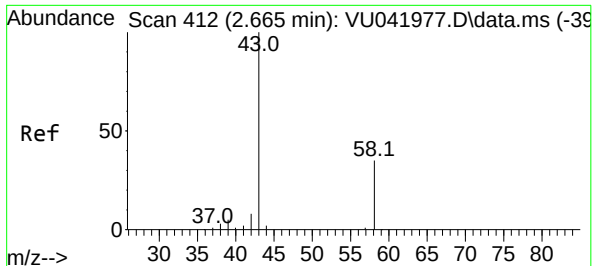
Tgt Ion:101 Resp: 712
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 11.9 55.4 83.2#



#12
1,1-Dichloroethene
Concen: 0.09 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU042005.D
Acq: 14 Jan 2021 01:28

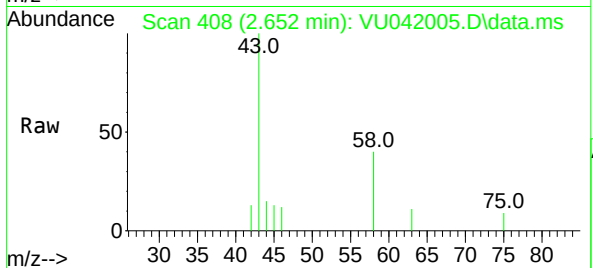
Tgt Ion: 96 Resp: 793
Ion Ratio Lower Upper
96 100
61 769.2 122.2 226.9#
63 6024.8 82.8 153.8#



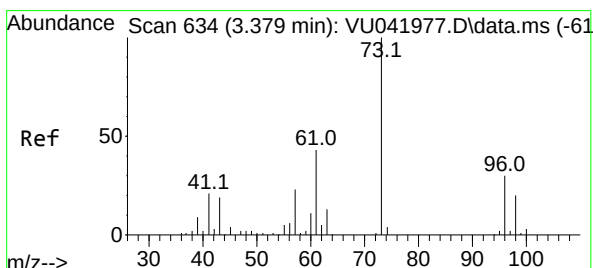
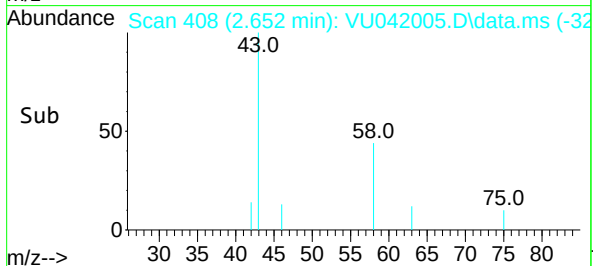
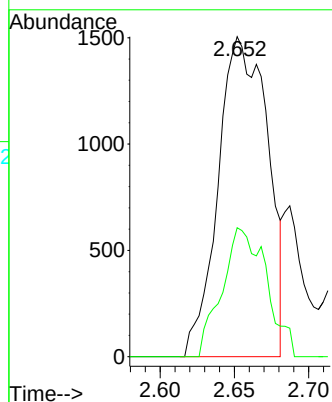


#13
Acetone
Concen: 2.07 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.019 min
Lab File: VU042005.D
Acq: 14 Jan 2021 01:28

Instrument :
MSVOA_U
ClientSampled :

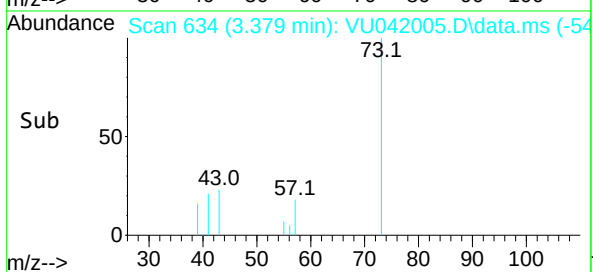
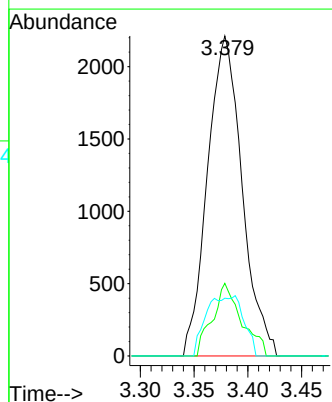
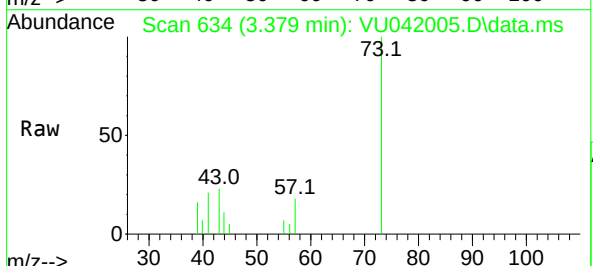


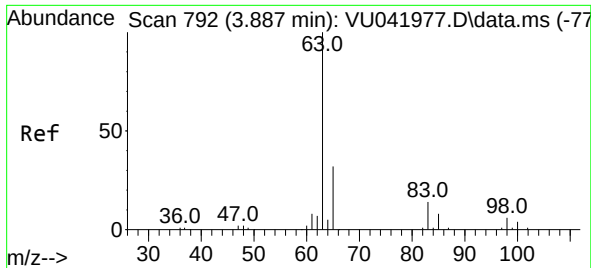
Tgt Ion: 43 Resp: 3492
Ion Ratio Lower Upper
43 100
58 36.1 0.0 57.4



#17
Methyl tert-butyl Ether
Concen: 0.23 ug/L
RT: 3.379 min Scan# 634
Delta R.T. -0.000 min
Lab File: VU042005.D
Acq: 14 Jan 2021 01:28

Tgt Ion: 73 Resp: 4940
Ion Ratio Lower Upper
73 100
43 19.2 15.1 22.7
57 8.0 18.0 27.0#



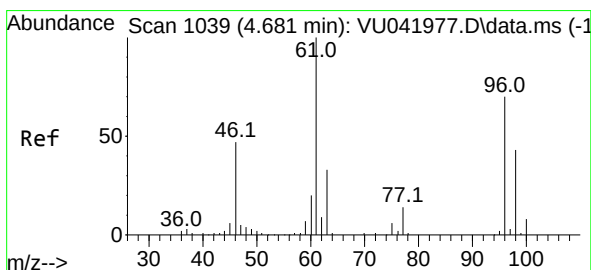
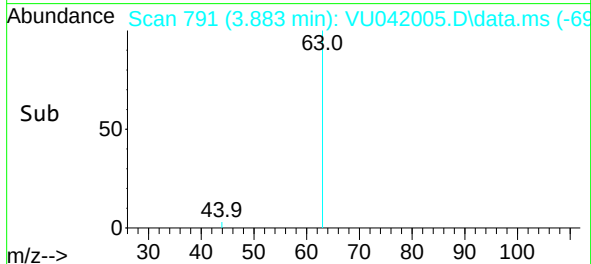
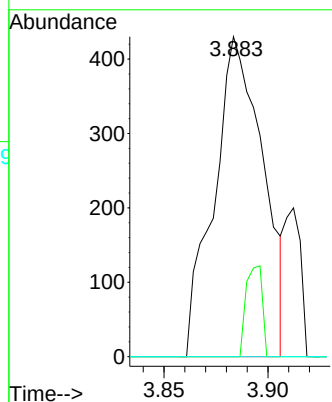
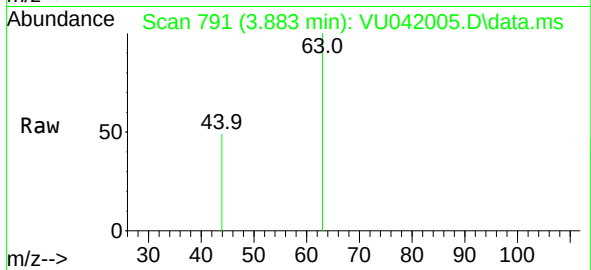


#19

1,1-Dichloroethane
Concen: 0.04 ug/L
RT: 3.883 min Scan# 791
Delta R.T. -0.003 min
Lab File: VU042005.D
Acq: 14 Jan 2021 01:28

Instrument :
MSVOA_U
ClientSampled :

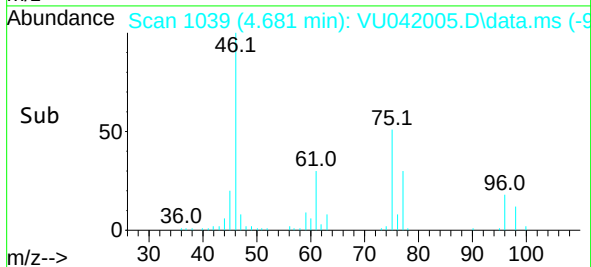
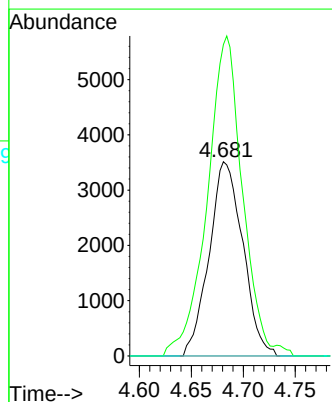
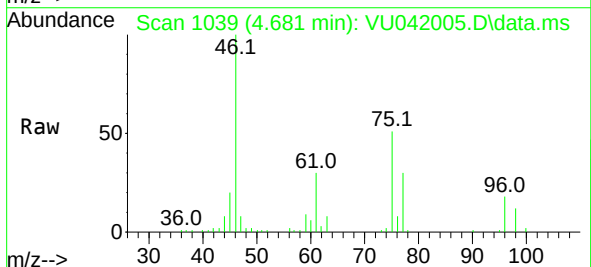
Tgt Ion: 63 Resp: 704
Ion Ratio Lower Upper
63 100
65 0.0 22.7 42.1#
83 0.0 9.4 17.6#

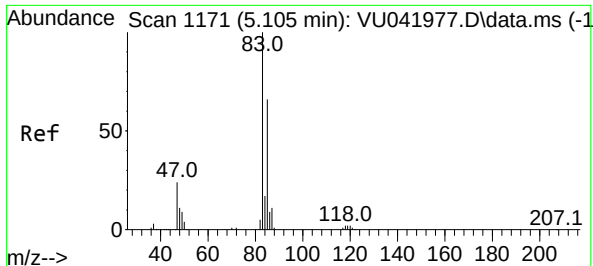


#22

cis-1,2-Dichloroethene
Concen: 0.89 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VU042005.D
Acq: 14 Jan 2021 01:28

Tgt Ion: 96 Resp: 7926
Ion Ratio Lower Upper
96 100
61 160.3 100.3 186.3
68 0.0 0.0 0.0



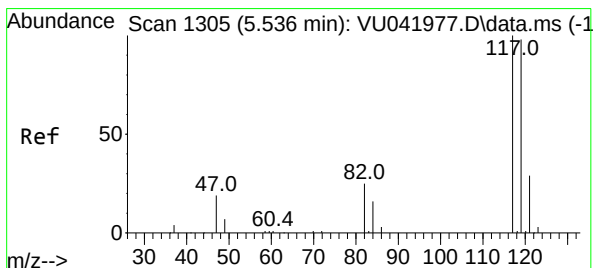
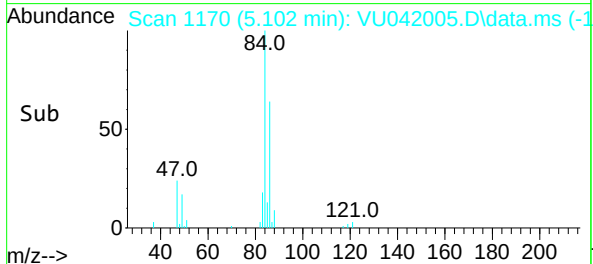
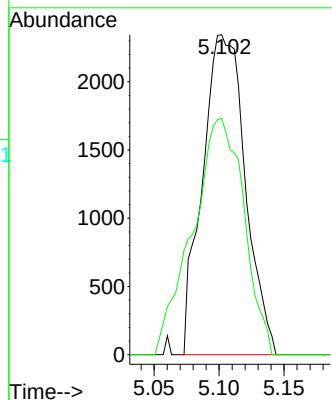
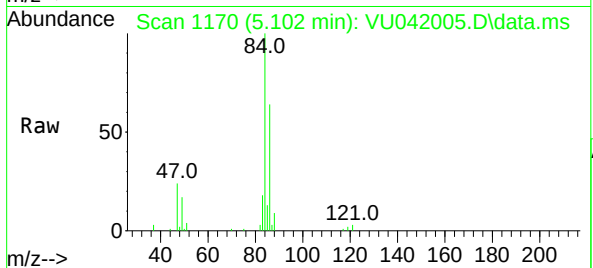


#25

Chloroform
Concen: 0.32 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. -0.003 min
Lab File: VU042005.D
Acq: 14 Jan 2021 01:28

Instrument :
MSVOA_U
ClientSampled :

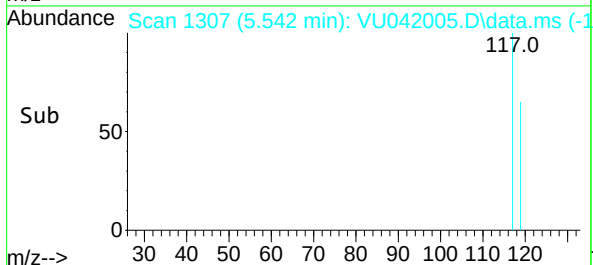
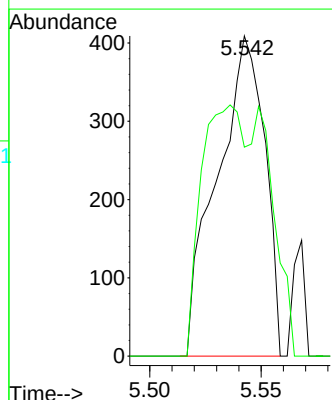
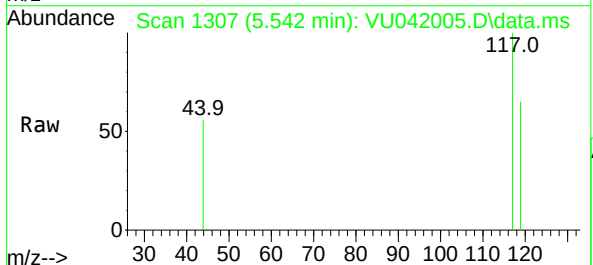
Tgt Ion: 83 Resp: 5374
Ion Ratio Lower Upper
83 100
85 73.8 46.1 85.7

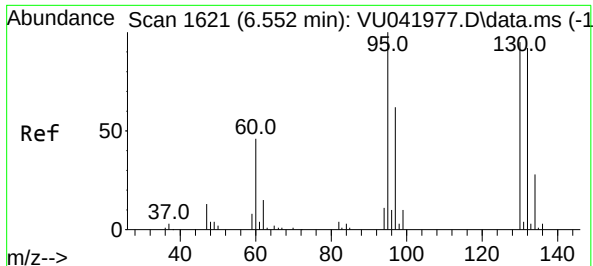


#31

Carbon tetrachloride
Concen: 0.05 ug/L
RT: 5.542 min Scan# 1307
Delta R.T. 0.003 min
Lab File: VU042005.D
Acq: 14 Jan 2021 01:28

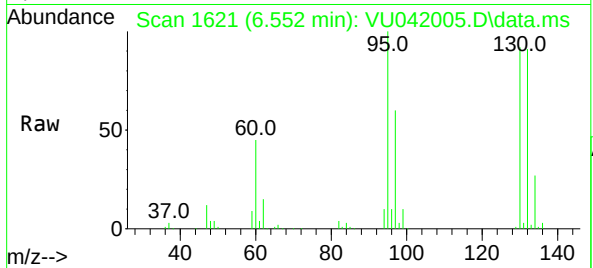
Tgt Ion: 117 Resp: 608
Ion Ratio Lower Upper
117 100
119 69.6 76.6 114.8#





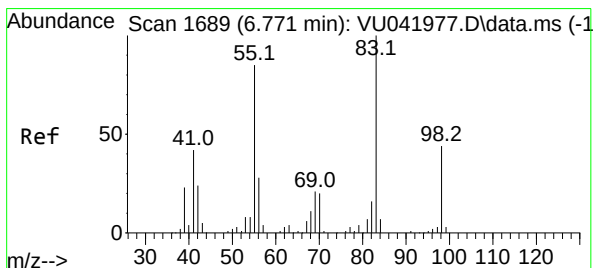
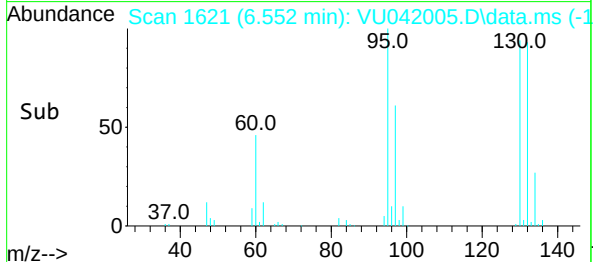
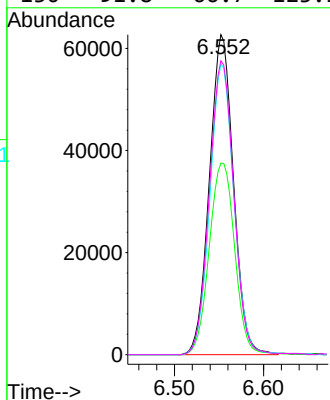
#34
Trichloroethene
Concen: 12.17 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042005.D
Acq: 14 Jan 2021 01:28

Instrument :
MSVOA_U
ClientSampled :

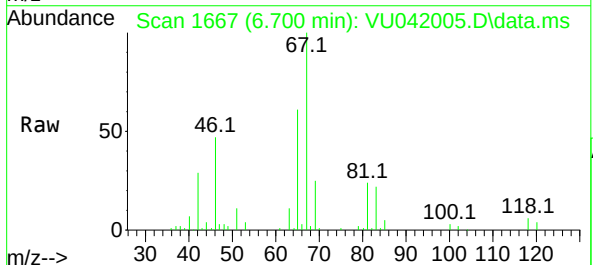


Tgt Ion: 95 Resp: 117848

Ion	Ratio	Lower	Upper
95	100		
97	59.9	43.6	81.0
132	90.9	64.3	119.3
130	91.8	66.7	123.9

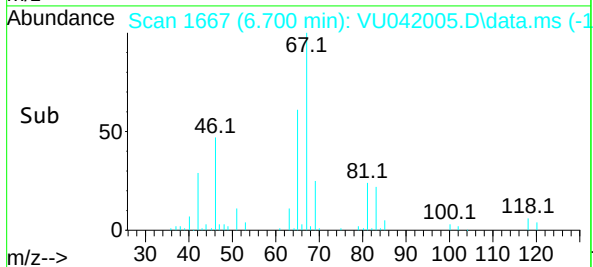
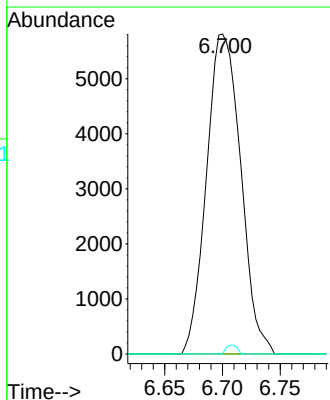


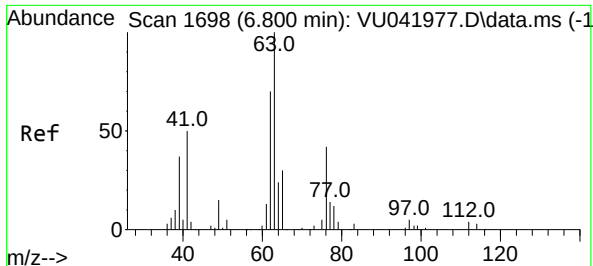
#35
Methylcyclohexane
Concen: 0.78 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042005.D
Acq: 14 Jan 2021 01:28



Tgt Ion: 83 Resp: 12016

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.8	100.2#
98	0.9	35.7	53.5#



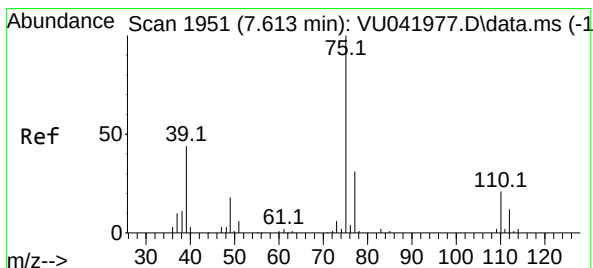
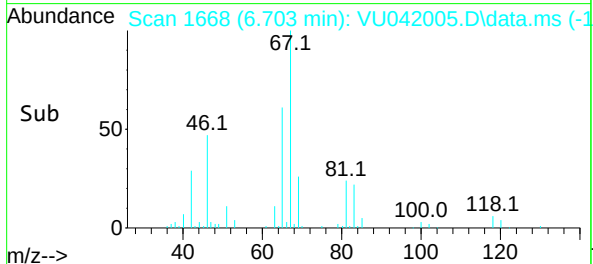
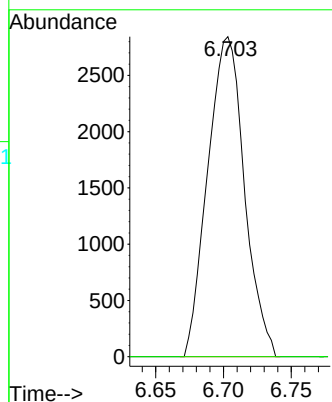
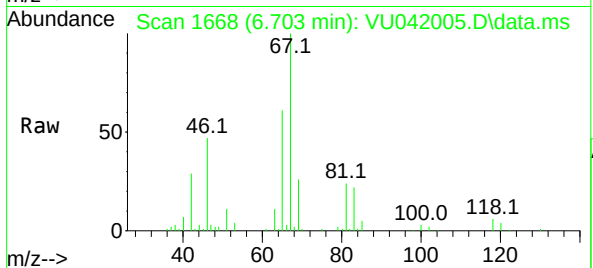


#37

1,2-Dichloropropane
Concen: 0.53 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.100 min
Lab File: VU042005.D
Acq: 14 Jan 2021 01:28

Instrument :
MSVOA_U
ClientSampled :

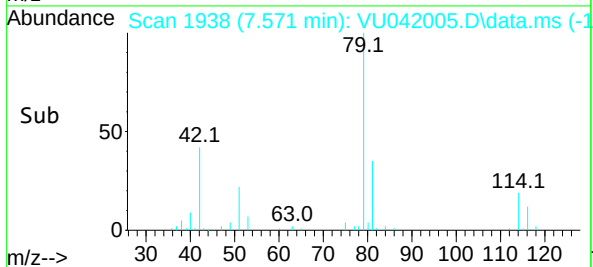
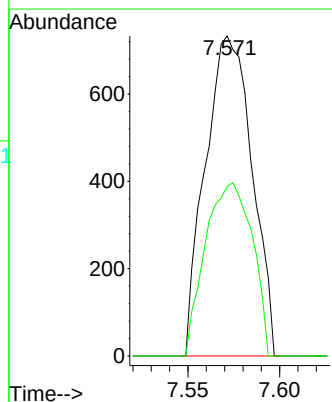
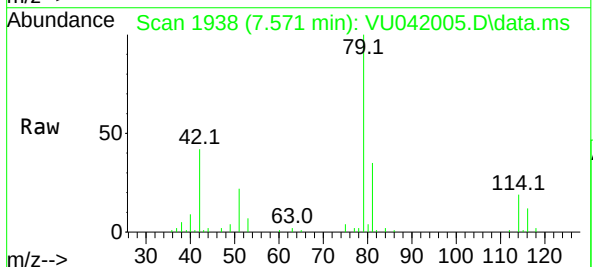
Tgt Ion: 63 Resp: 5357
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

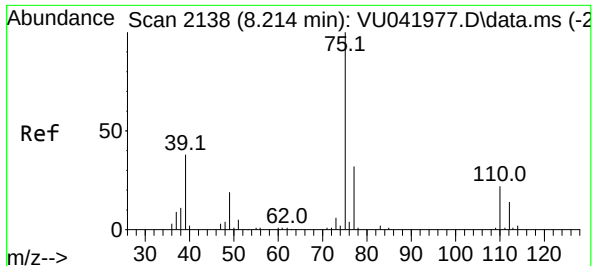


#39

cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU042005.D
Acq: 14 Jan 2021 01:28

Tgt Ion: 75 Resp: 1297
Ion Ratio Lower Upper
75 100
77 52.9 21.9 40.7#

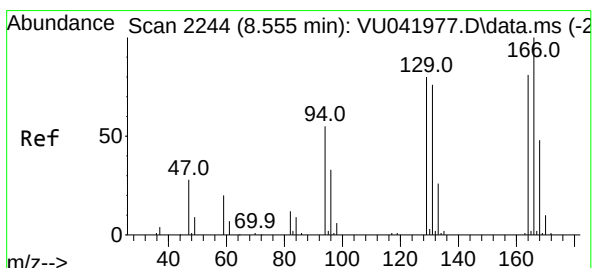
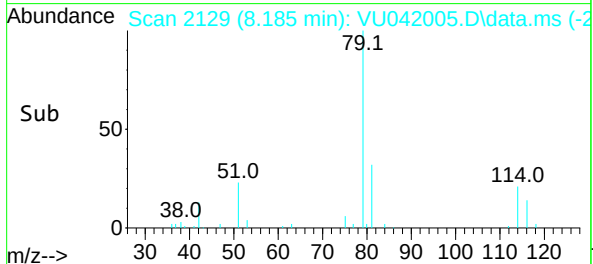
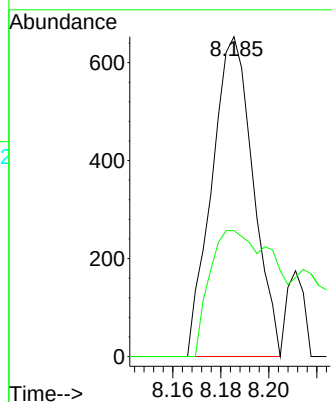
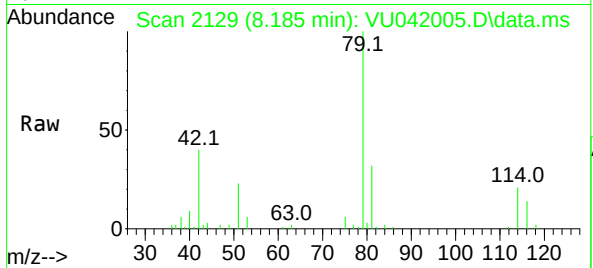




#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042005.D
Acq: 14 Jan 2021 01:28

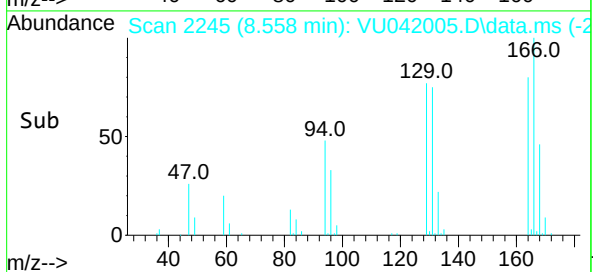
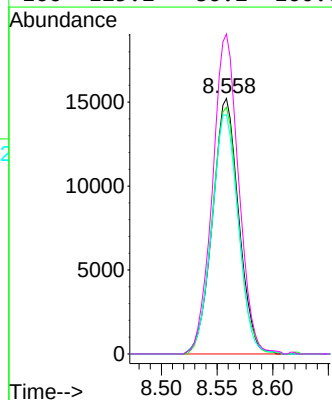
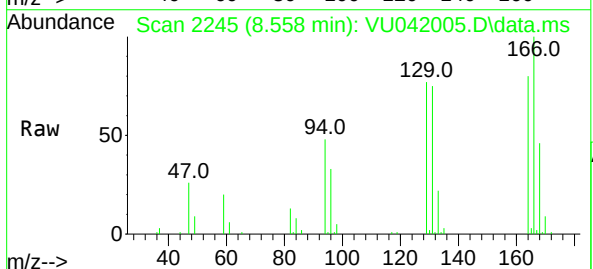
Instrument :
MSVOA_U
ClientSampled :

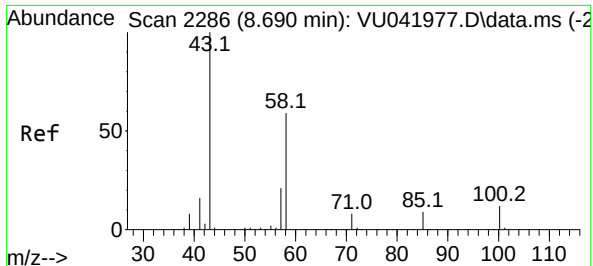
Tgt Ion: 75 Resp: 779
Ion Ratio Lower Upper
75 100
77 39.4 22.0 41.0



#47
Tetrachloroethene
Concen: 3.97 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU042005.D
Acq: 14 Jan 2021 01:28

Tgt Ion: 164 Resp: 24896
Ion Ratio Lower Upper
164 100
129 96.5 68.7 127.5
131 93.6 65.2 121.0
166 125.2 86.2 160.0

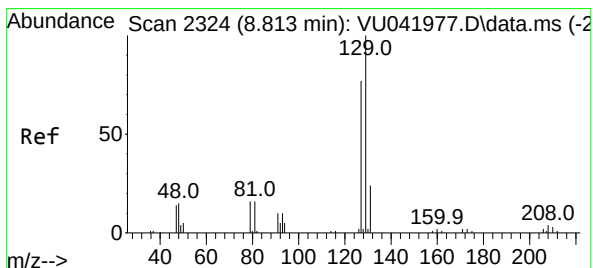
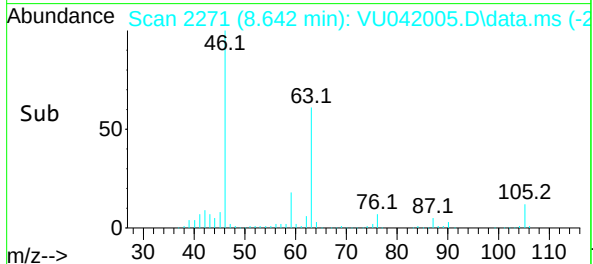
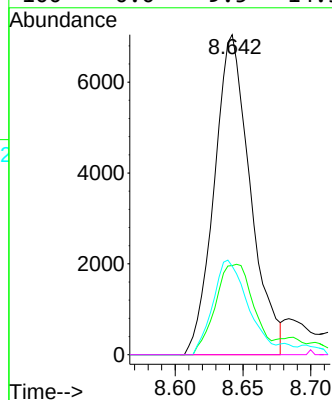
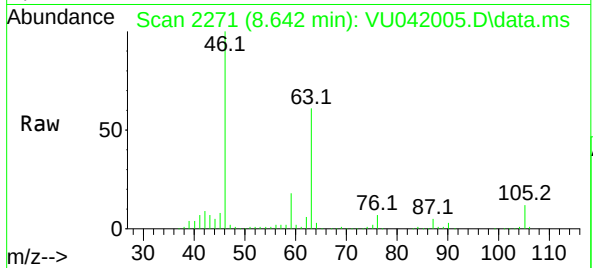




#48
2-Hexanone
Concen: 2.77 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.048 min
Lab File: VU042005.D
Acq: 14 Jan 2021 01:28

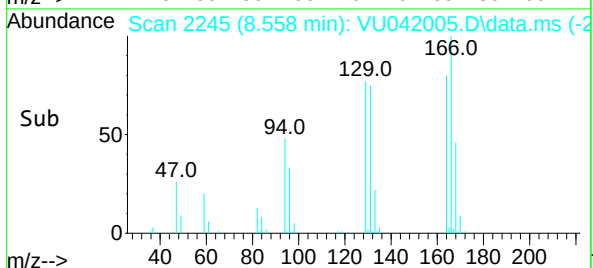
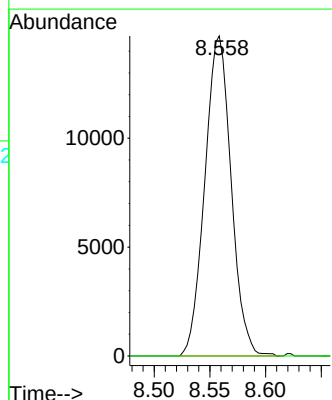
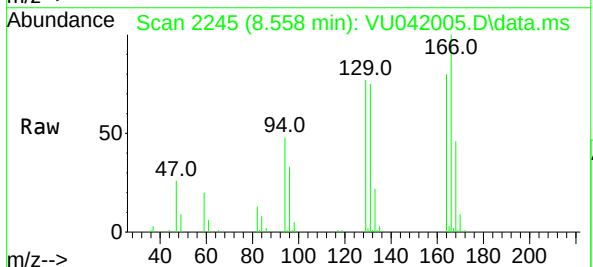
Instrument :
MSVOA_U
ClientSampled :

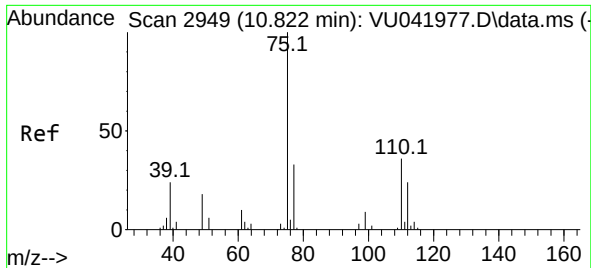
Tgt Ion:	43	Resp:	12986
Ion	Ratio	Lower	Upper
43	100		
58	29.9	47.8	71.8#
57	28.9	17.4	26.0#
100	0.0	9.5	14.3#



#49
Dibromochloromethane
Concen: 3.12 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.254 min
Lab File: VU042005.D
Acq: 14 Jan 2021 01:28

Tgt Ion:	129	Resp:	24185
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.7	99.7#





#59
 1,2,3-Trichloropropane
 Concen: 0.92 ug/L
 RT: 11.809 min Scan# 3256
 Delta R.T. 0.987 min
 Lab File: VU042005.D
 Acq: 14 Jan 2021 01:28

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 6108
 Ion Ratio Lower Upper
 75 100
 77 36.1 25.6 38.4

