

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU042011.D
 Acq On : 14 Jan 2021 03:52
 Operator : SY/MD
 Sample : M1065-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXP6

Quant Time: Jan 15 02:51:02 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)

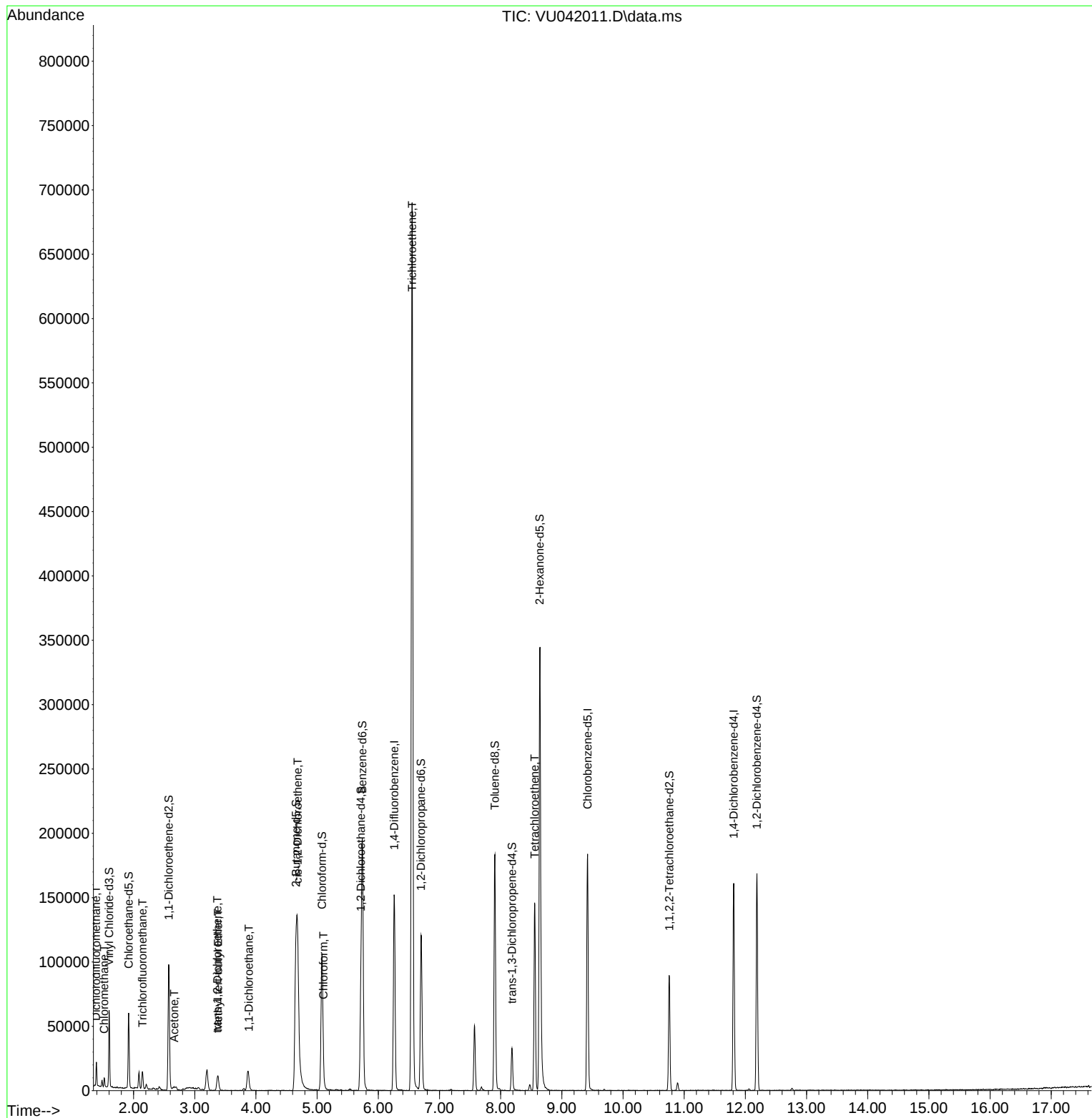
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	121734	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	100173	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	41228	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	38808	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.919	69	40725	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.575	63	59521	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.655	46	183455	59.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.02%
24) Chloroform-d	5.079	84	93065	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.716	65	55219	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.739	84	179047	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.60%
36) 1,2-Dichloropropane-d6	6.700	67	59451	5.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.00%
41) Toluene-d8	7.906	98	123453	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloroprop...	8.185	79	19941	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.639	63	128300	58.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.26%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	44429	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
64) 1,2-Dichlorobenzene-d4	12.189	152	43942	5.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.20%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	1133	0.10	ug/L #	88
3) Chloromethane	1.520	50	4635	0.33	ug/L	98
9) Trichlorofluoromethane	2.144	101	8672	0.48	ug/L	95
13) Acetone	2.665	43	3458	1.79	ug/L	55
17) Methyl tert-butyl Ether	3.382	73	11671	0.47	ug/L	98
18) trans-1,2-Dichloroethene	3.369	96	888	0.09	ug/L	81
19) 1,1-Dichloroethane	3.883	63	1309	0.07	ug/L #	82
22) cis-1,2-Dichloroethene	4.681	96	31335	3.10	ug/L	88
25) Chloroform	5.102	83	3477	0.18	ug/L	92
34) Trichloroethene	6.552	95	246725	26.62	ug/L	97
47) Tetrachloroethene	8.555	164	31120	5.18	ug/L	95

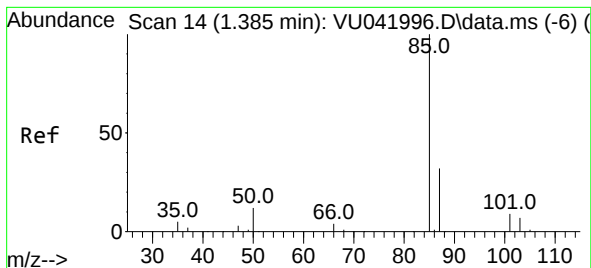
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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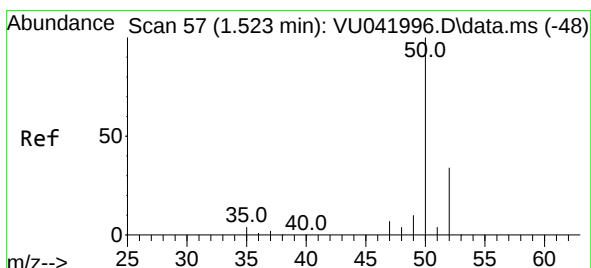
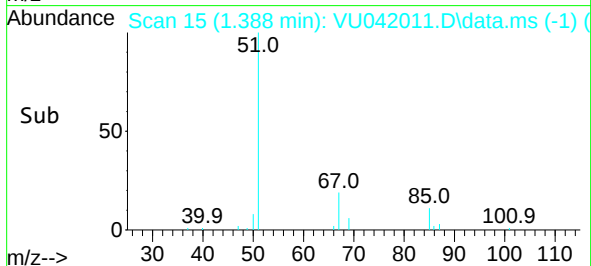
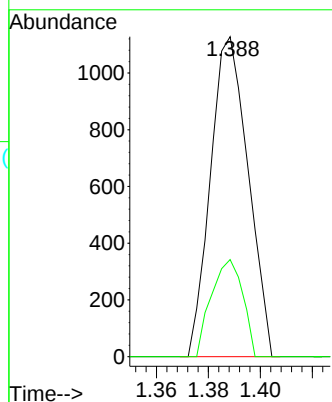
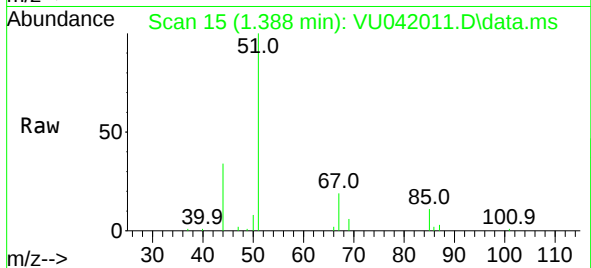




#2
Dichlorodifluoromethane
Concen: 0.10 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU042011.D
Acq: 14 Jan 2021 03:52

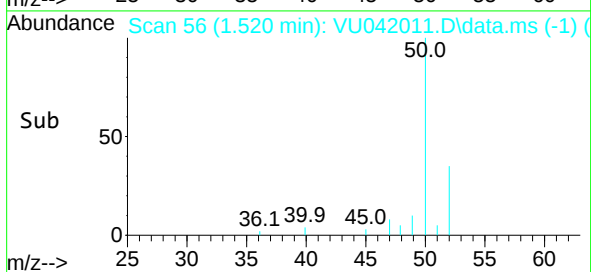
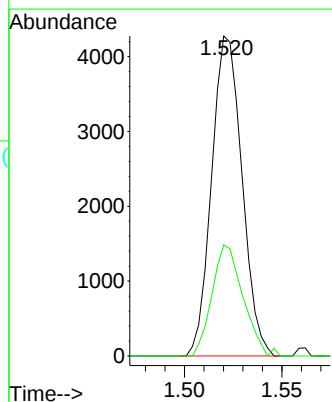
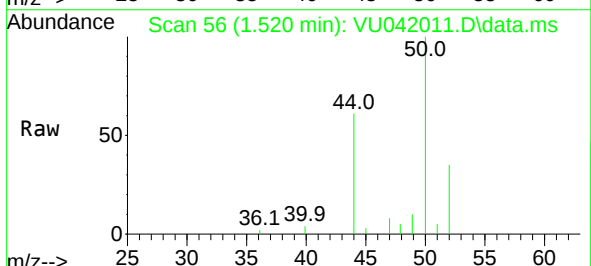
Instrument :
MSVOA_U
ClientSampleId :
BFXP6

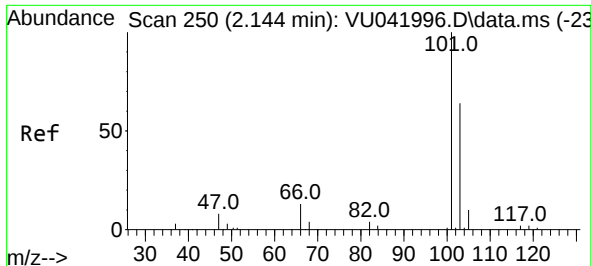
Tgt Ion: 85 Resp: 1133
Ion Ratio Lower Upper
85 100
87 25.3 25.7 38.5#



#3
Chloromethane
Concen: 0.33 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU042011.D
Acq: 14 Jan 2021 03:52

Tgt Ion: 50 Resp: 4635
Ion Ratio Lower Upper
50 100
52 34.7 23.5 43.7

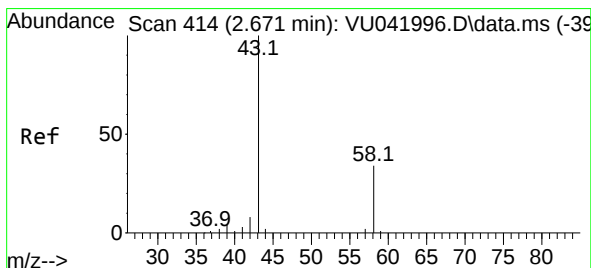
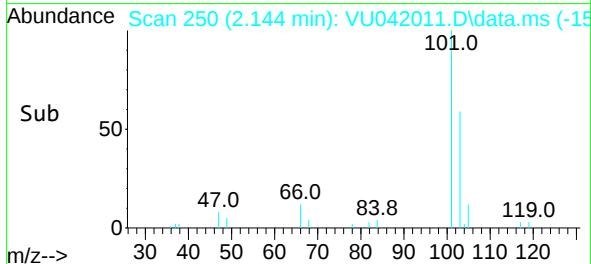
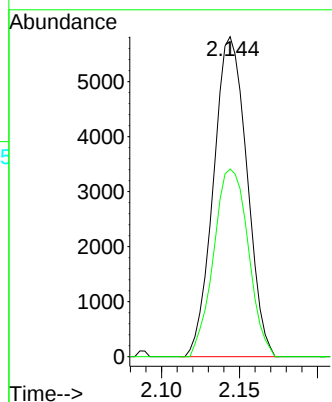
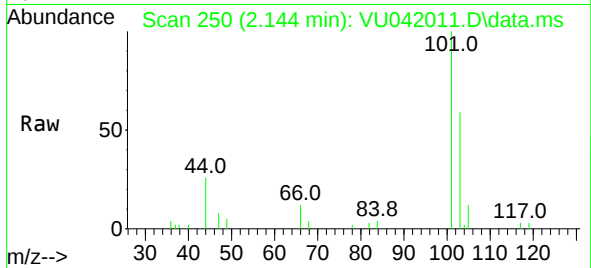




#9
 Trichlorofluoromethane
 Concen: 0.48 ug/L
 RT: 2.144 min Scan# 250
 Delta R.T. -0.000 min
 Lab File: VU042011.D
 Acq: 14 Jan 2021 03:52

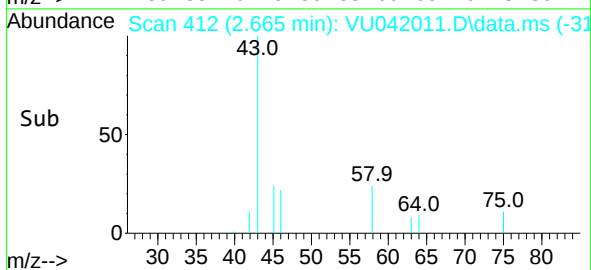
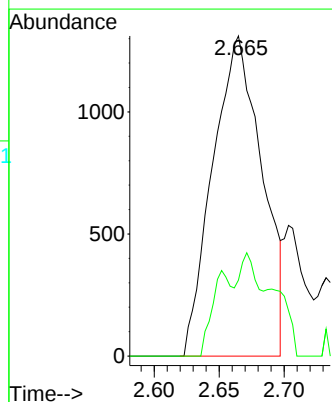
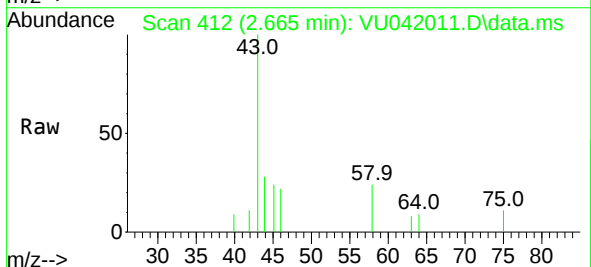
Instrument :
 MSVOA_U
 ClientSampleId :
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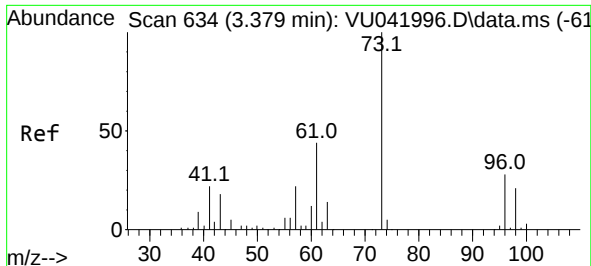
Tgt Ion:101 Resp: 8672
 Ion Ratio Lower Upper
 101 100
 103 60.7 51.6 77.4



#13
 Acetone
 Concen: 1.79 ug/L
 RT: 2.665 min Scan# 412
 Delta R.T. -0.000 min
 Lab File: VU042011.D
 Acq: 14 Jan 2021 03:52

Tgt Ion: 43 Resp: 3458
 Ion Ratio Lower Upper
 43 100
 58 5.0 0.0 57.4



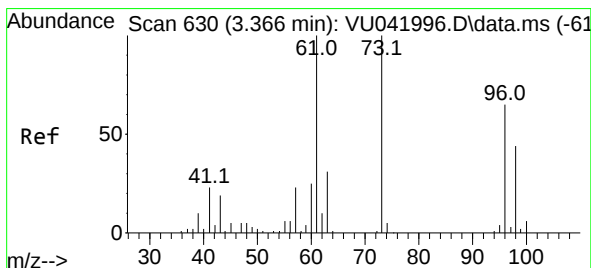
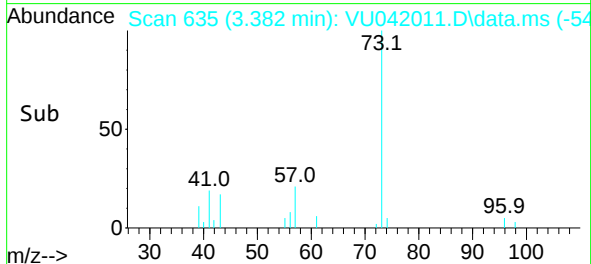
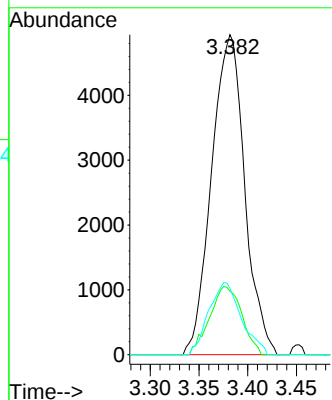
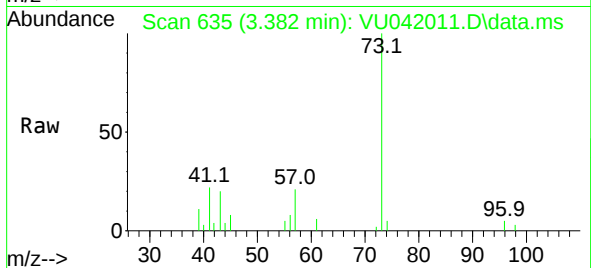


#17

Methyl tert-butyl Ether
Concen: 0.47 ug/L
RT: 3.382 min Scan# 635
Delta R.T. 0.003 min
Lab File: VU042011.D
Acq: 14 Jan 2021 03:52

Instrument :
MSVOA_U
ClientSampleId :
BFXP6

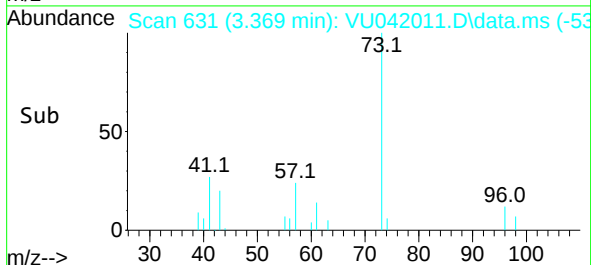
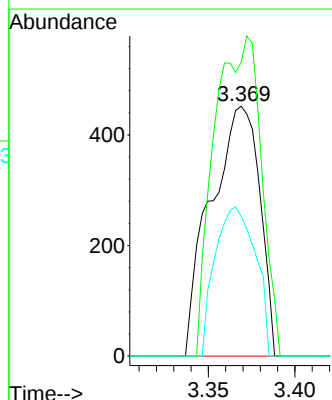
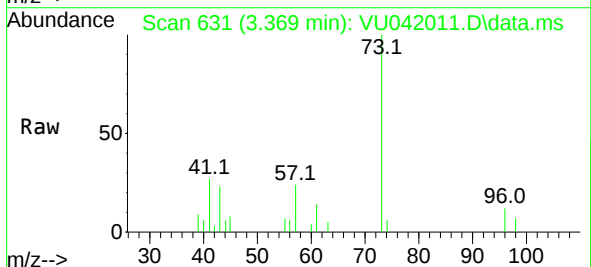
Tgt Ion: 73 Resp: 11671
Ion Ratio Lower Upper
73 100
43 20.6 15.1 22.7
57 22.1 18.0 27.0

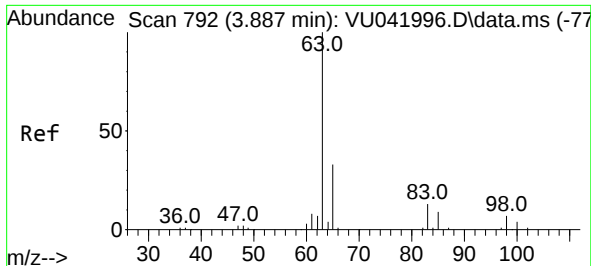


#18

trans-1,2-Dichloroethene
Concen: 0.09 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU042011.D
Acq: 14 Jan 2021 03:52

Tgt Ion: 96 Resp: 888
Ion Ratio Lower Upper
96 100
61 117.5 103.2 191.6
98 56.0 43.8 81.3



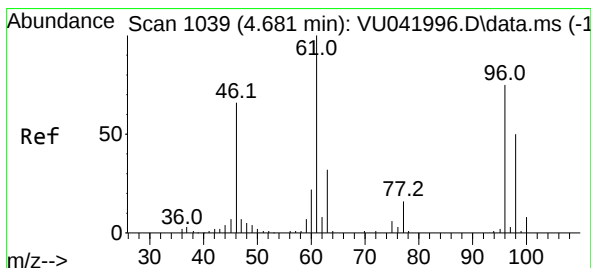
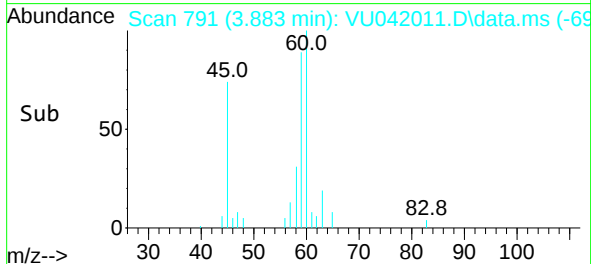
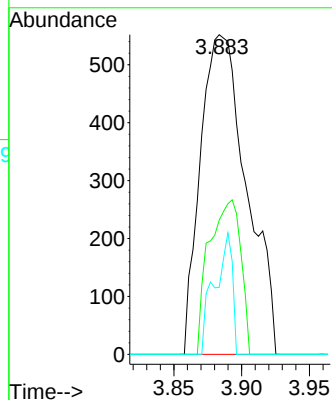
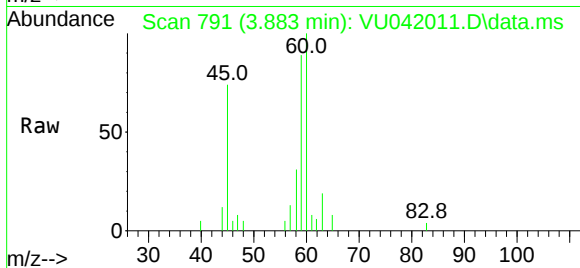


#19

1,1-Dichloroethane
Concen: 0.07 ug/L
RT: 3.883 min Scan# 791
Delta R.T. -0.003 min
Lab File: VU042011.D
Acq: 14 Jan 2021 03:52

Instrument :
MSVOA_U
ClientSampleId :
BFXP6

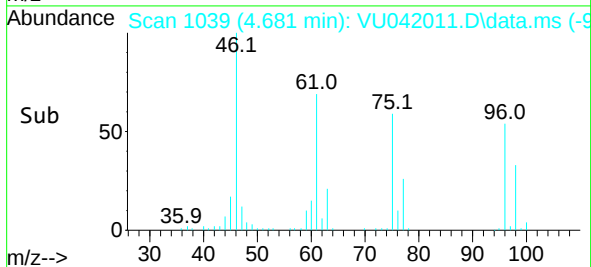
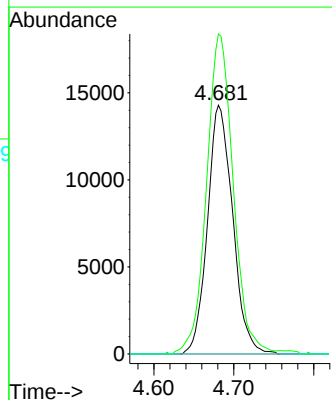
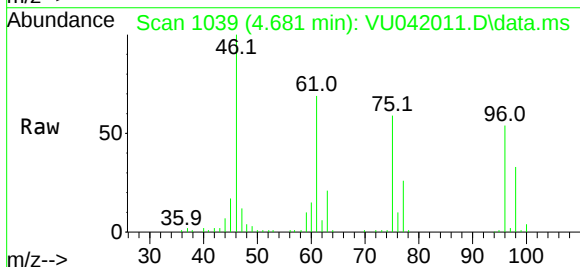
Tgt Ion: 63 Resp: 1309
Ion Ratio Lower Upper
63 100
65 42.0 22.7 42.1
83 21.0 9.4 17.6#

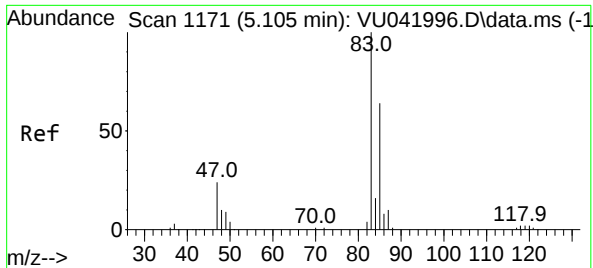


#22

cis-1,2-Dichloroethene
Concen: 3.10 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VU042011.D
Acq: 14 Jan 2021 03:52

Tgt Ion: 96 Resp: 31335
Ion Ratio Lower Upper
96 100
61 128.6 100.3 186.3
68 0.0 0.0 0.0



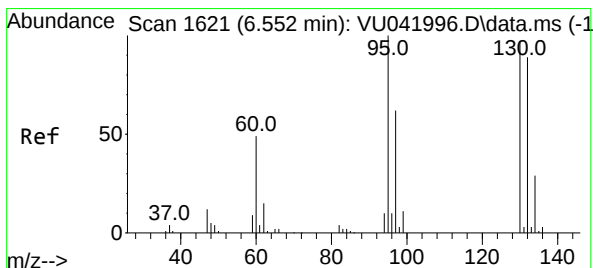
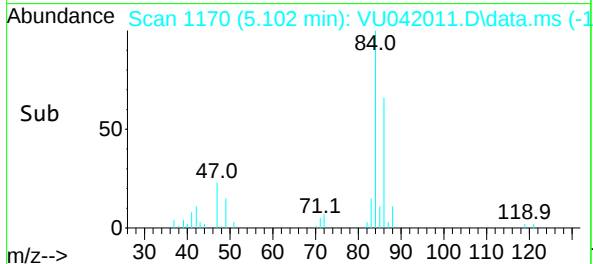
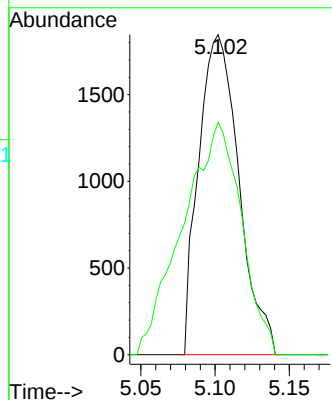
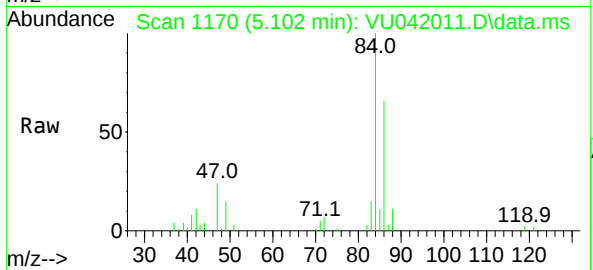


#25

Chloroform
Concen: 0.18 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. -0.003 min
Lab File: VU042011.D
Acq: 14 Jan 2021 03:52

Instrument :
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ClientSampleId :
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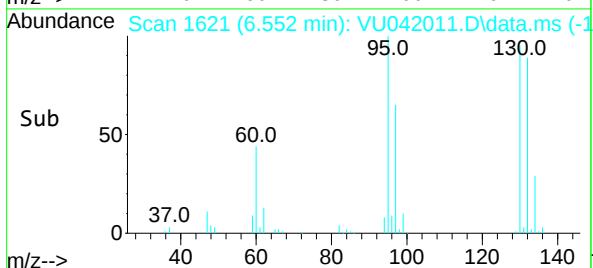
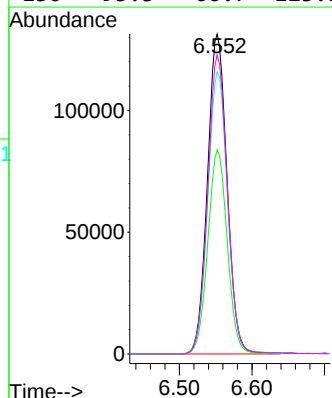
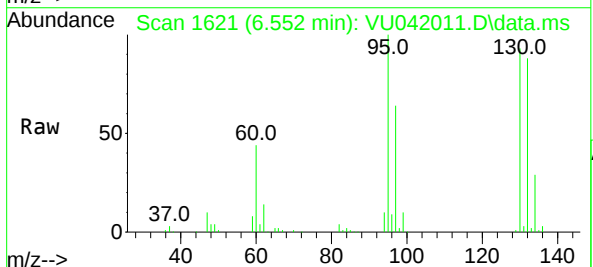
Tgt Ion: 83 Resp: 3477
Ion Ratio Lower Upper
83 100
85 72.6 46.1 85.7

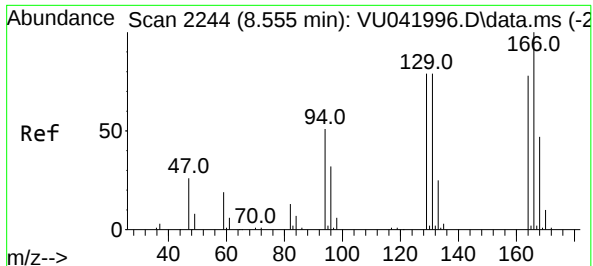


#34

Trichloroethene
Concen: 26.62 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042011.D
Acq: 14 Jan 2021 03:52

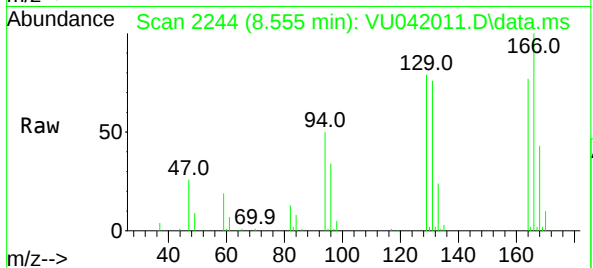
Tgt Ion: 95 Resp: 246725
Ion Ratio Lower Upper
95 100
97 63.7 43.6 81.0
132 88.2 64.3 119.3
130 93.3 66.7 123.9





#47
Tetrachloroethene
Concen: 5.18 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU042011.D
Acq: 14 Jan 2021 03:52

Instrument :
MSVOA_U
ClientSampleId :
BFXP6



Tgt Ion:164	Resp:	31120
Ion	Ratio	Lower Upper
164	100	
129	102.1	68.7 127.5
131	98.4	65.2 121.0
166	130.0	86.2 160.0

