

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042054.D
 Acq On : 15 Jan 2021 00:25
 Operator : SY/MD
 Sample : M1065-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXP5

Quant Time: Jan 15 06:39:51 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 06:32:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	123390	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	102226	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	44897	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	34451	3.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.00%
7) Chloroethane-d5	1.919	69	36605	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.575	63	55073	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	4.652	46	158290	50.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.32%
24) Chloroform-d	5.080	84	81312	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	5.716	65	46381	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	5.742	84	152057	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.703	67	52175	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.903	98	132812	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloroprop...	8.186	79	19475	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.639	63	110577	49.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.02%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	43157	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	12.189	152	42256	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

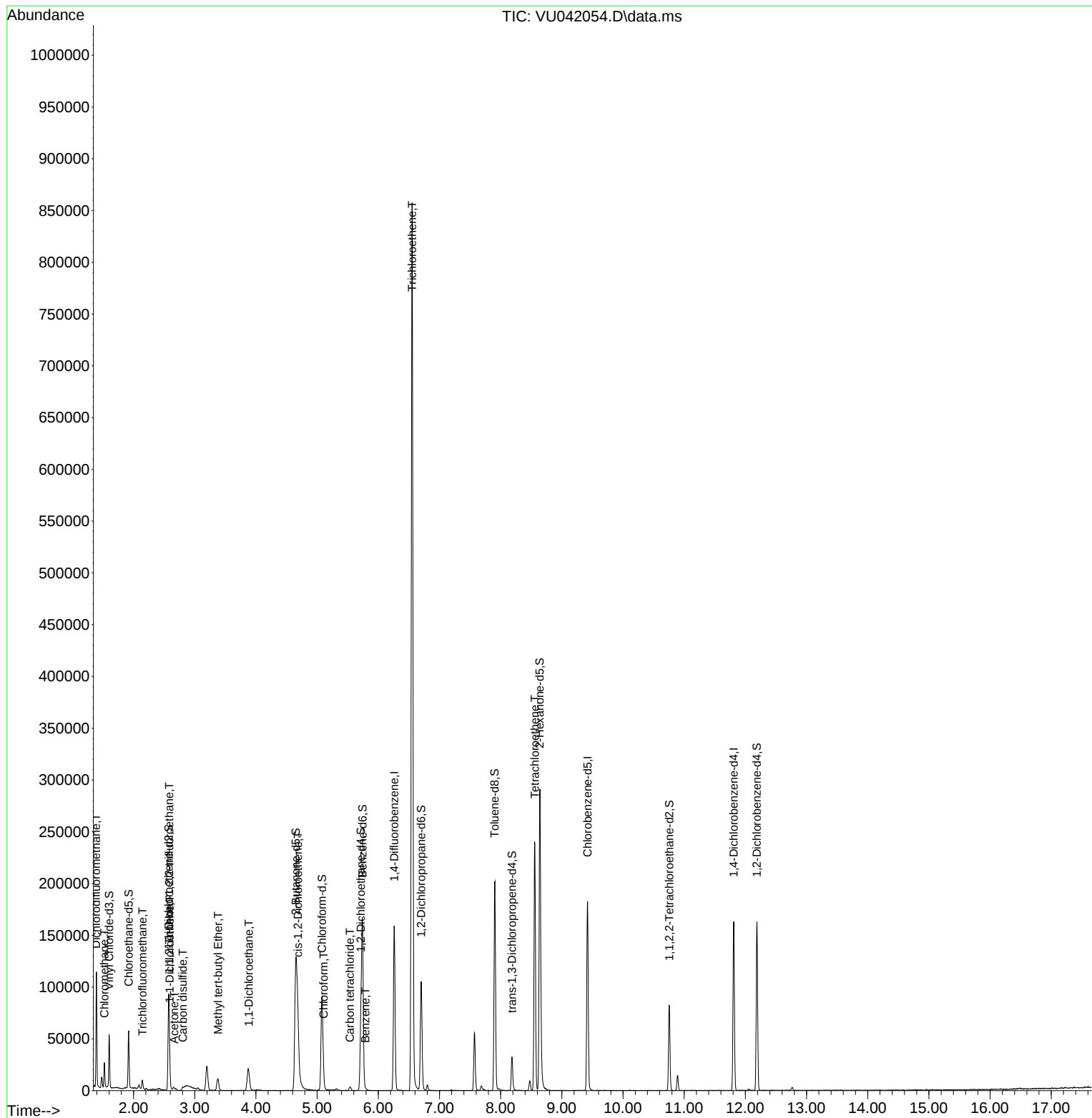
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	3985	0.35	ug/L	96
3) Chloromethane	1.523	50	15379	1.08	ug/L	99
9) Trichlorofluoromethane	2.144	101	5107	0.28	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	1413	0.14	ug/L #	73
12) 1,1-Dichloroethene	2.591	96	3813	0.39	ug/L #	1
13) Acetone	2.665	43	3029	1.55	ug/L	91
14) Carbon disulfide	2.803	76	2869	0.09	ug/L #	94
17) Methyl tert-butyl Ether	3.382	73	11681	0.46	ug/L	99
19) 1,1-Dichloroethane	3.883	63	11600	0.60	ug/L	94
22) cis-1,2-Dichloroethene	4.684	96	20575	2.01	ug/L	85
25) Chloroform	5.105	83	7490	0.39	ug/L	99
31) Carbon tetrachloride	5.536	117	2661	0.21	ug/L	98
33) Benzene	5.790	78	1027	0.03	ug/L	100
34) Trichloroethene	6.552	95	307791	32.55	ug/L	98
47) Tetrachloroethene	8.559	164	51126	8.35	ug/L	95

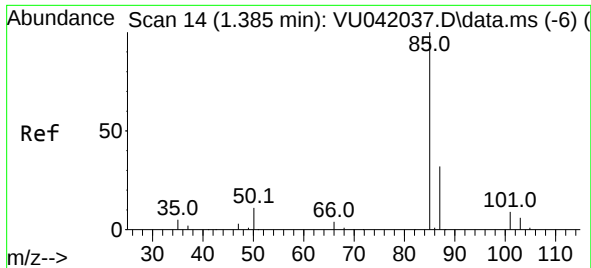
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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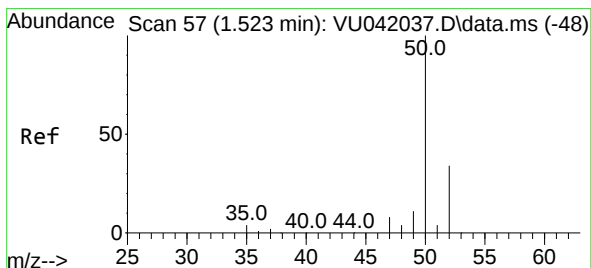
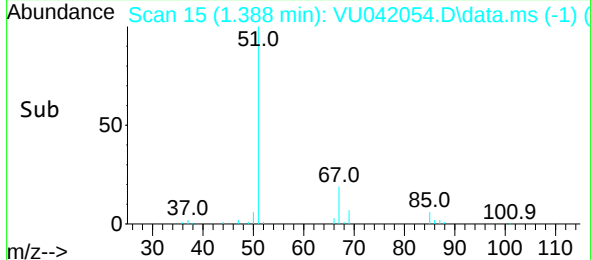
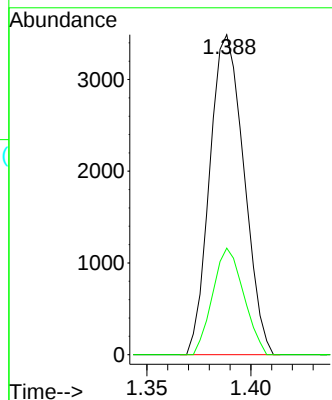
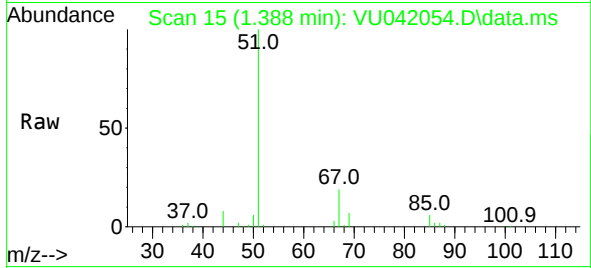




#2
Dichlorodifluoromethane
Concen: 0.35 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU042054.D
Acq: 15 Jan 2021 00:25

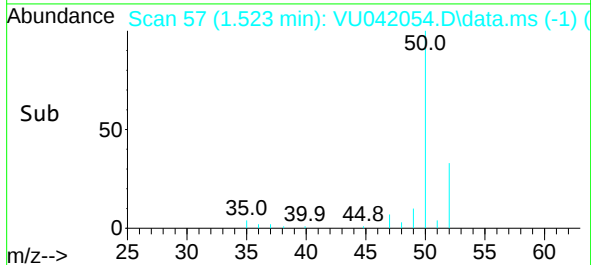
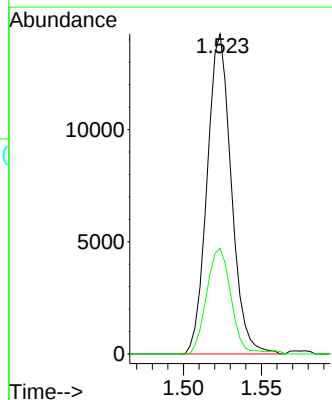
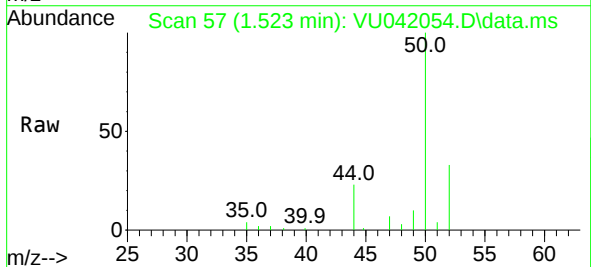
Instrument :
MSVOA_U
ClientSampled :
BFXP5

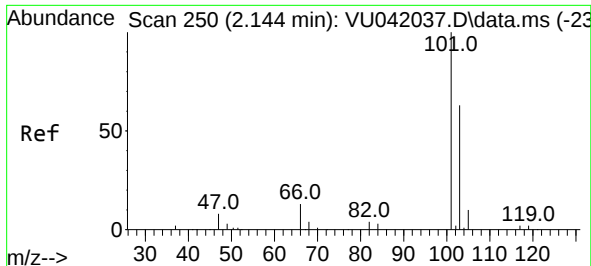
Tgt Ion: 85 Resp: 3985
Ion Ratio Lower Upper
85 100
87 30.1 25.7 38.5



#3
Chloromethane
Concen: 1.08 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042054.D
Acq: 15 Jan 2021 00:25

Tgt Ion: 50 Resp: 15379
Ion Ratio Lower Upper
50 100
52 33.0 23.5 43.7

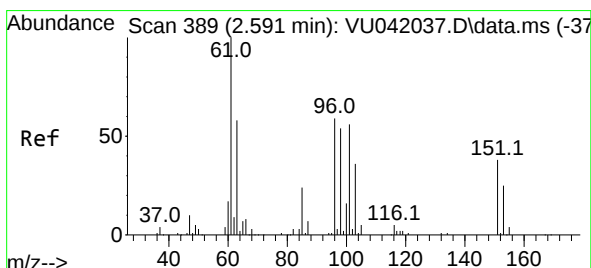
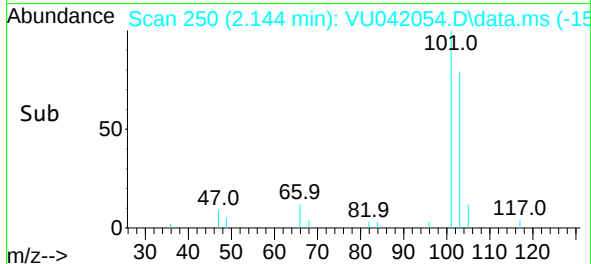
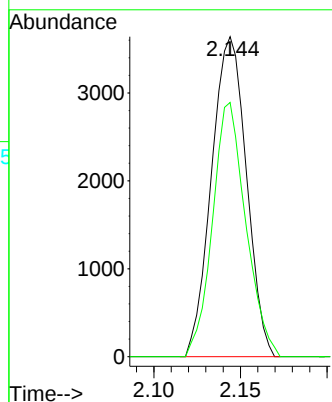
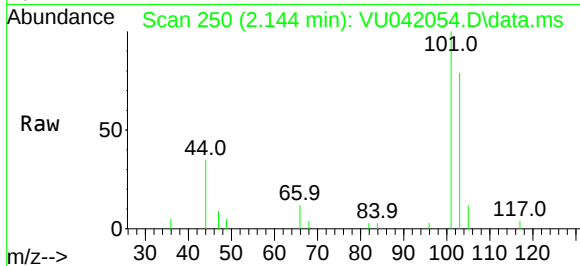




#9
 Trichlorofluoromethane
 Concen: 0.28 ug/L
 RT: 2.144 min Scan# 250
 Delta R.T. 0.000 min
 Lab File: VU042054.D
 Acq: 15 Jan 2021 00:25

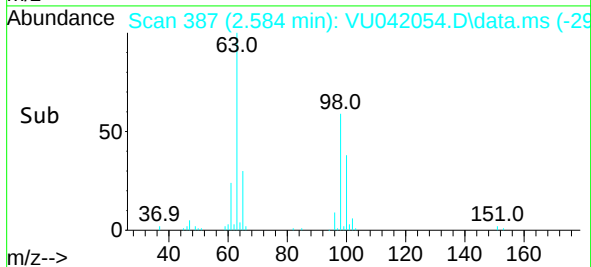
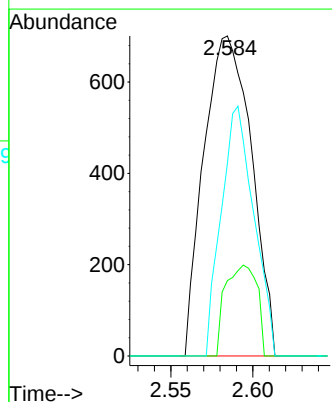
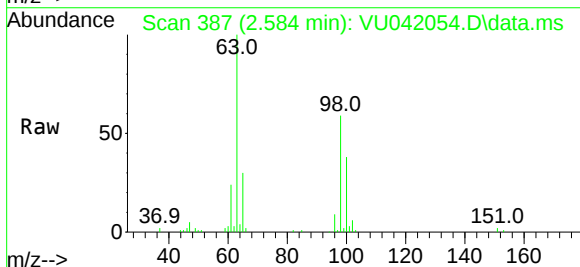
Instrument :
 MSVOA_U
 ClientSampled :
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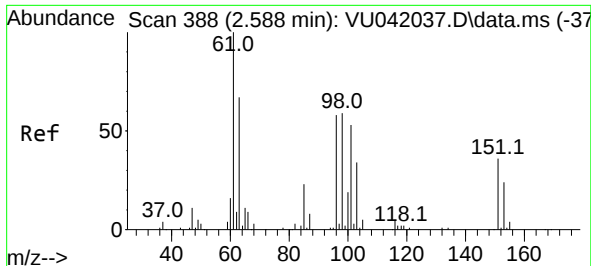
Tgt Ion:101 Resp: 5107
 Ion Ratio Lower Upper
 101 100
 103 75.5 51.6 77.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.14 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.006 min
 Lab File: VU042054.D
 Acq: 15 Jan 2021 00:25

Tgt Ion:101 Resp: 1413
 Ion Ratio Lower Upper
 101 100
 85 18.8 35.9 53.9#
 151 53.5 55.4 83.2#





#12

1,1-Dichloroethene

Concen: 0.39 ug/L

RT: 2.591 min Scan# 389

Delta R.T. 0.003 min

Lab File: VU042054.D

Acq: 15 Jan 2021 00:25

Tgt Ion: 96 Resp: 3813

Ion Ratio Lower Upper

96 100

61 197.7 122.2 226.9

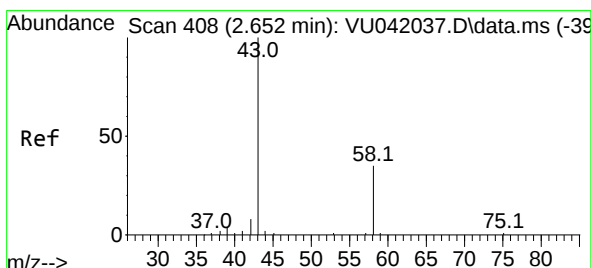
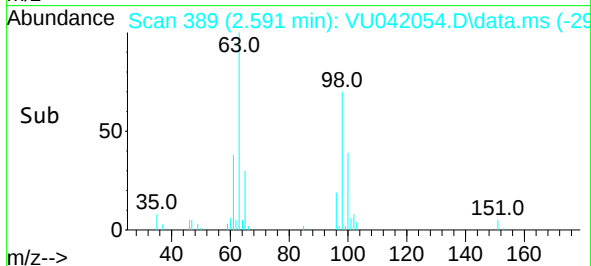
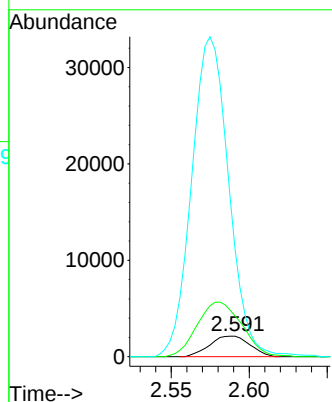
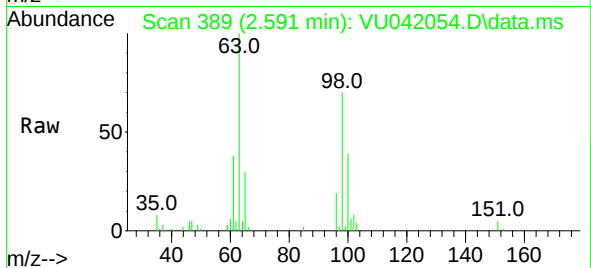
63 522.5 82.8 153.8#

Instrument :

MSVOA_U

ClientSampleId :

BFXP5



#13

Acetone

Concen: 1.55 ug/L

RT: 2.665 min Scan# 412

Delta R.T. 0.013 min

Lab File: VU042054.D

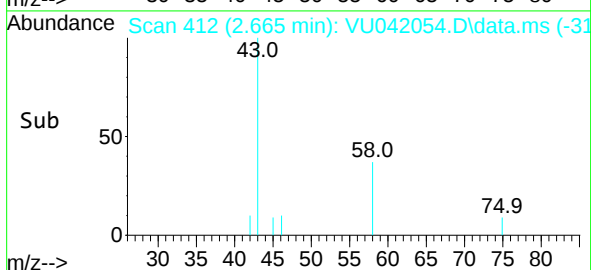
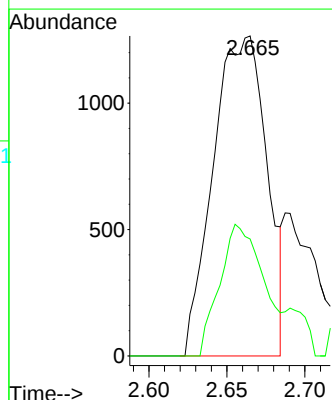
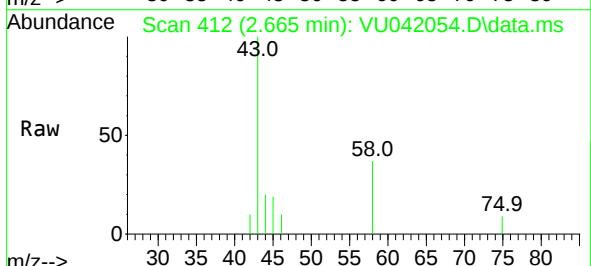
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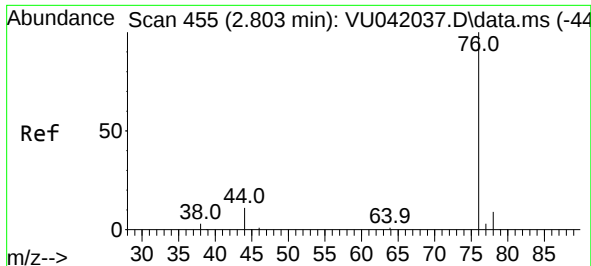
Tgt Ion: 43 Resp: 3029

Ion Ratio Lower Upper

43 100

58 33.3 0.0 57.4

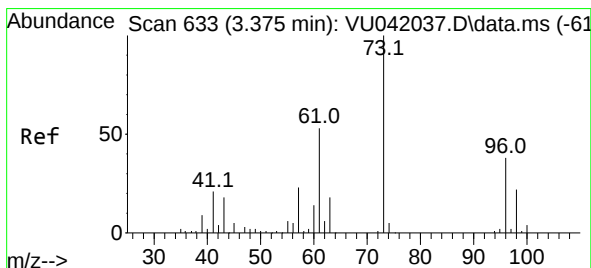
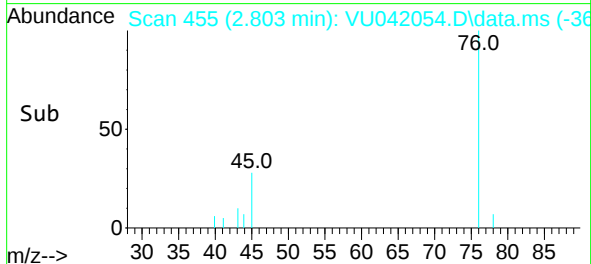
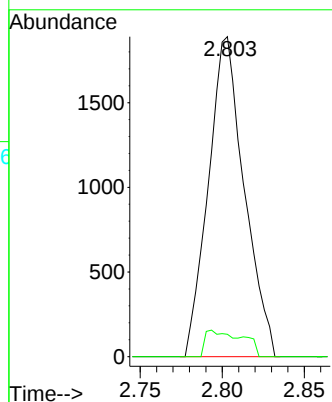
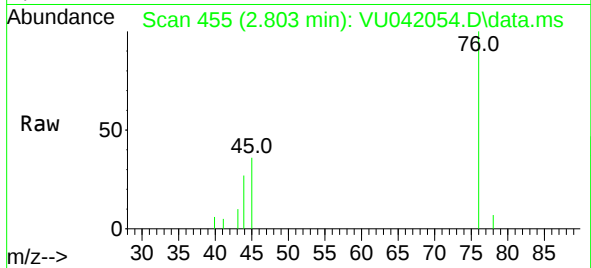




#14
Carbon disulfide
Concen: 0.09 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.000 min
Lab File: VU042054.D
Acq: 15 Jan 2021 00:25

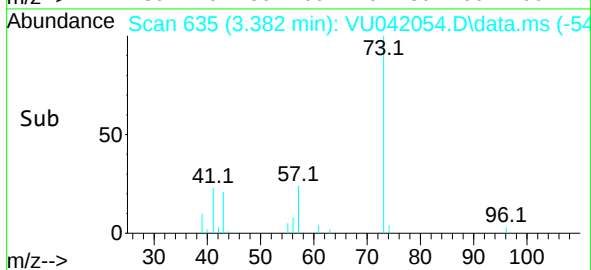
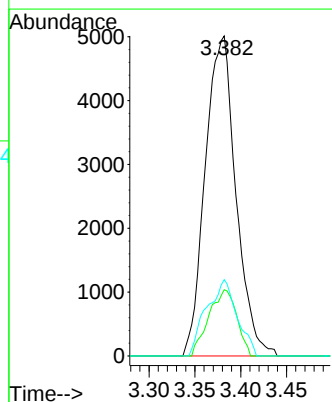
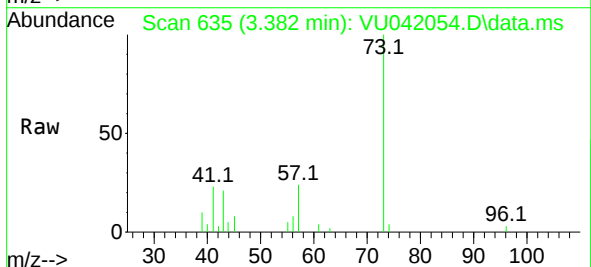
Instrument :
MSVOA_U
ClientSampleId :
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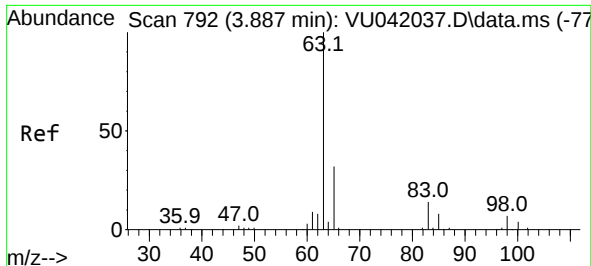
Tgt Ion: 76 Resp: 2869
Ion Ratio Lower Upper
76 100
78 7.0 7.4 11.0#



#17
Methyl tert-butyl Ether
Concen: 0.46 ug/L
RT: 3.382 min Scan# 635
Delta R.T. 0.007 min
Lab File: VU042054.D
Acq: 15 Jan 2021 00:25

Tgt Ion: 73 Resp: 11681
Ion Ratio Lower Upper
73 100
43 18.8 15.1 22.7
57 23.6 18.0 27.0





#19

1,1-Dichloroethane

Concen: 0.60 ug/L

RT: 3.883 min Scan# 791

Delta R.T. -0.003 min

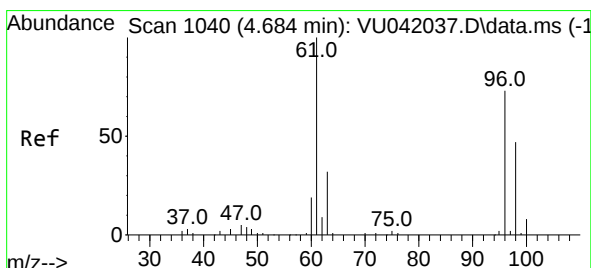
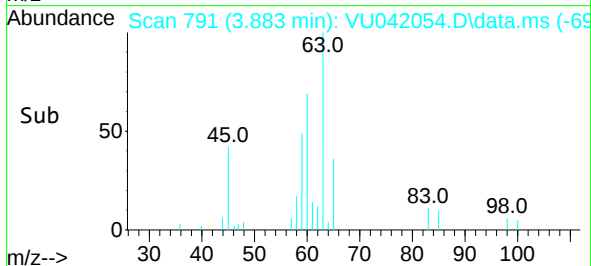
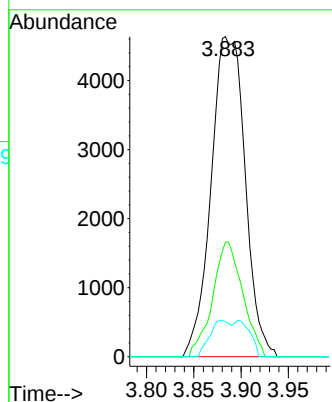
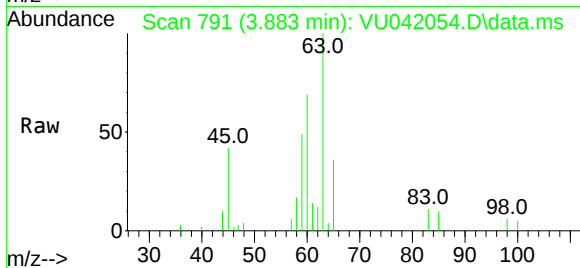
Lab File: VU042054.D

Acq: 15 Jan 2021 00:25

Tgt Ion: 63 Resp: 11600

Ion	Ratio	Lower	Upper
63	100		
65	35.8	22.7	42.1
83	10.9	9.4	17.6

Instrument :
MSVOA_U
ClientSampleId :
BFXP5



#22

cis-1,2-Dichloroethene

Concen: 2.01 ug/L

RT: 4.684 min Scan# 1040

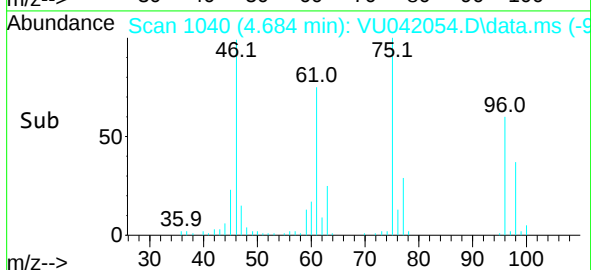
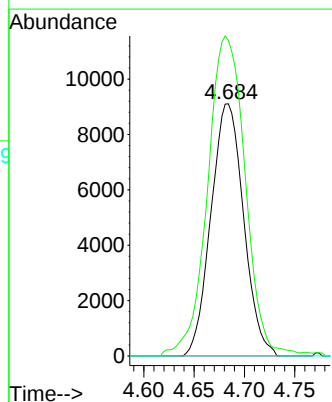
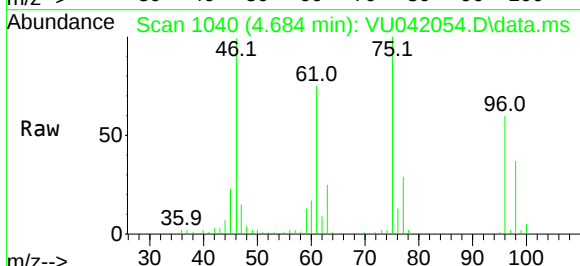
Delta R.T. 0.000 min

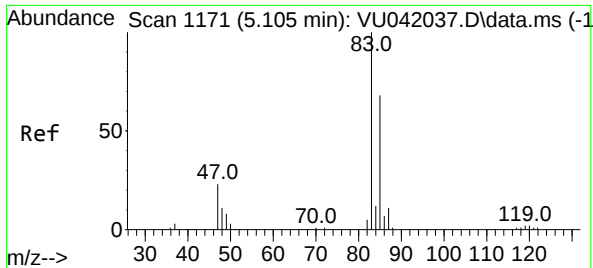
Lab File: VU042054.D

Acq: 15 Jan 2021 00:25

Tgt Ion: 96 Resp: 20575

Ion	Ratio	Lower	Upper
96	100		
61	125.2	100.3	186.3
68	0.0	0.0	0.0

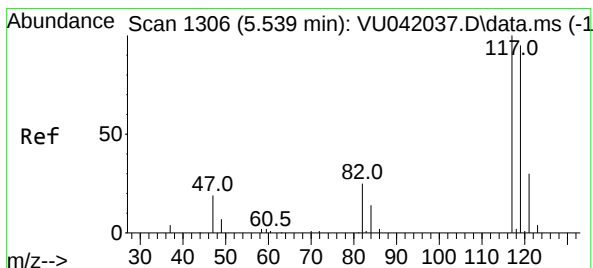
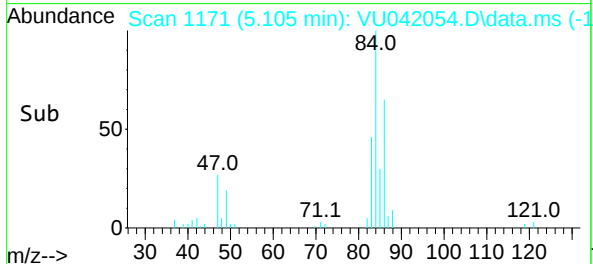
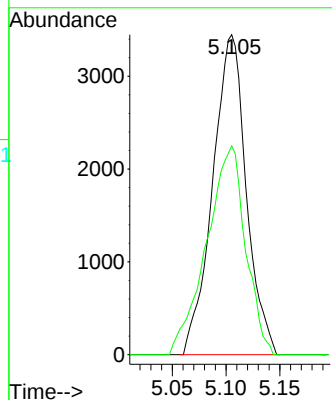
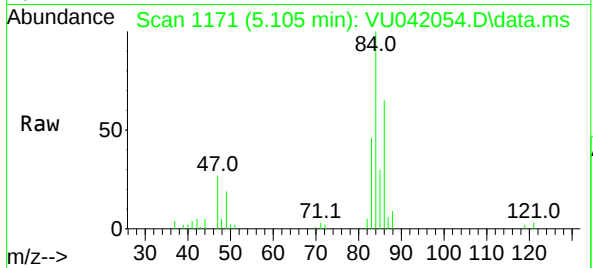




#25
Chloroform
Concen: 0.39 ug/L
RT: 5.105 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VU042054.D
Acq: 15 Jan 2021 00:25

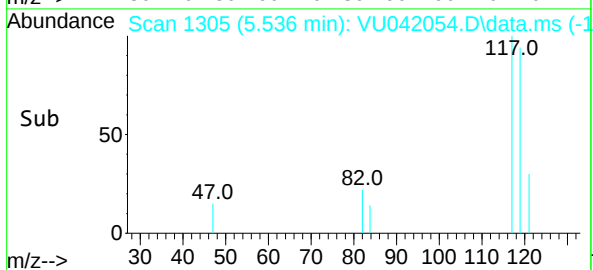
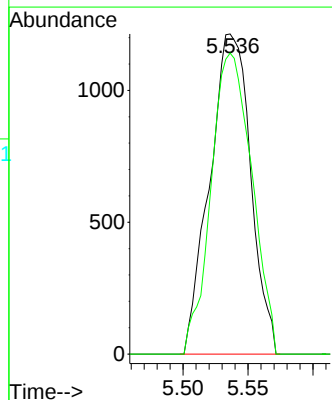
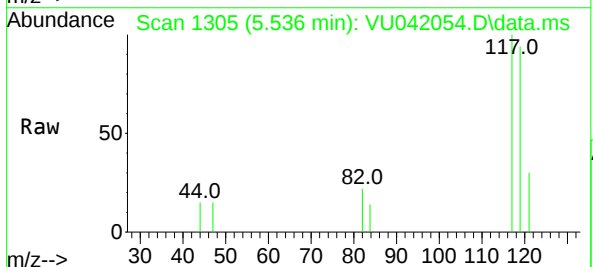
Instrument :
MSVOA_U
ClientSampled :
BFXP5

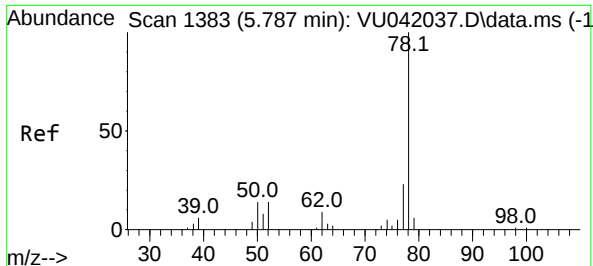
Tgt Ion: 83 Resp: 7490
Ion Ratio Lower Upper
83 100
85 65.2 46.1 85.7



#31
Carbon tetrachloride
Concen: 0.21 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. -0.003 min
Lab File: VU042054.D
Acq: 15 Jan 2021 00:25

Tgt Ion: 117 Resp: 2661
Ion Ratio Lower Upper
117 100
119 93.8 76.6 114.8

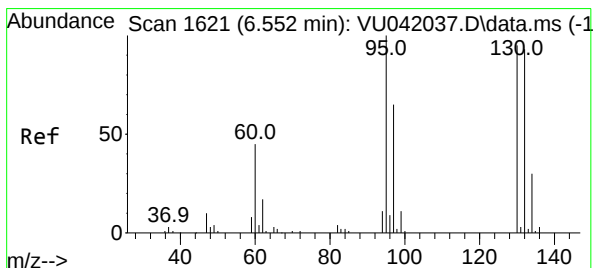
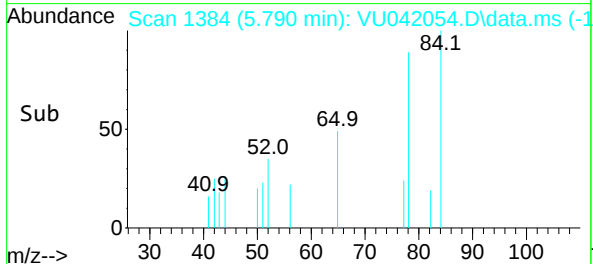
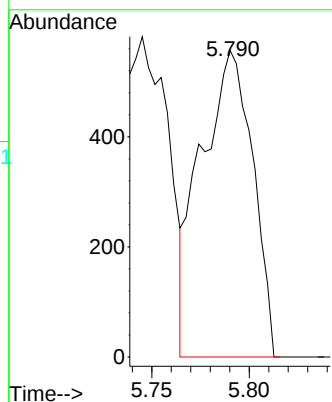
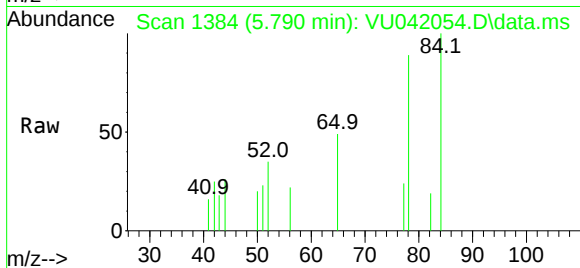




#33
Benzene
Concen: 0.03 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. 0.003 min
Lab File: VU042054.D
Acq: 15 Jan 2021 00:25

Instrument :
MSVOA_U
ClientSampled :
BFXP5

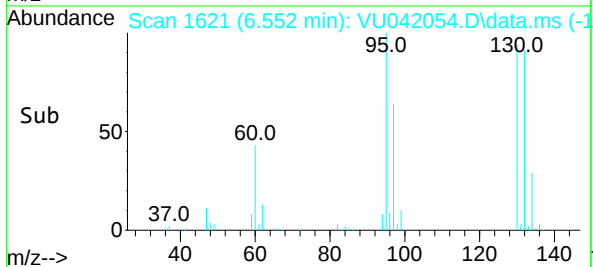
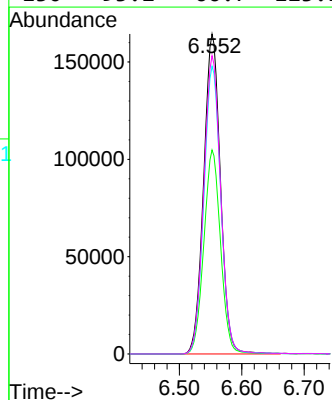
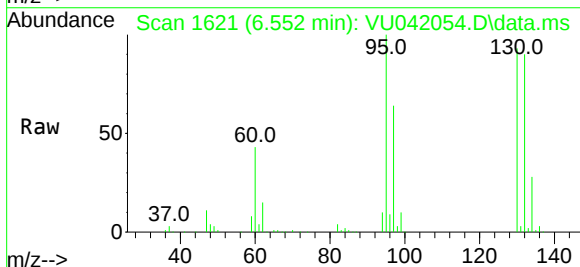
Tgt Ion: 78 Resp: 1027

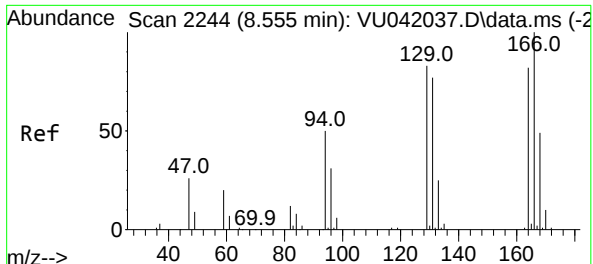


#34
Trichloroethene
Concen: 32.55 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042054.D
Acq: 15 Jan 2021 00:25

Tgt Ion: 95 Resp: 307791

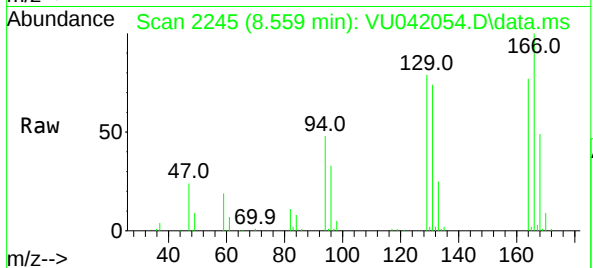
Ion	Ratio	Lower	Upper
95	100		
97	63.7	43.6	81.0
132	89.9	64.3	119.3
130	93.2	66.7	123.9





#47
 Tetrachloroethene
 Concen: 8.35 ug/L
 RT: 8.559 min Scan# 2245
 Delta R.T. 0.003 min
 Lab File: VU042054.D
 Acq: 15 Jan 2021 00:25

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXP5



Tgt Ion:	164	Resp:	51126
Ion	Ratio	Lower	Upper
164	100		
129	102.6	68.7	127.5
131	95.6	65.2	121.0
166	129.9	86.2	160.0

