

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012121\
 Data File : VU042155.D
 Acq On : 21 Jan 2021 16:57
 Operator : SY/MD
 Sample : M1170-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT99

Quant Time: Jan 22 02:51:16 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 22 02:43:44 2021
 Response via : Initial Calibration

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

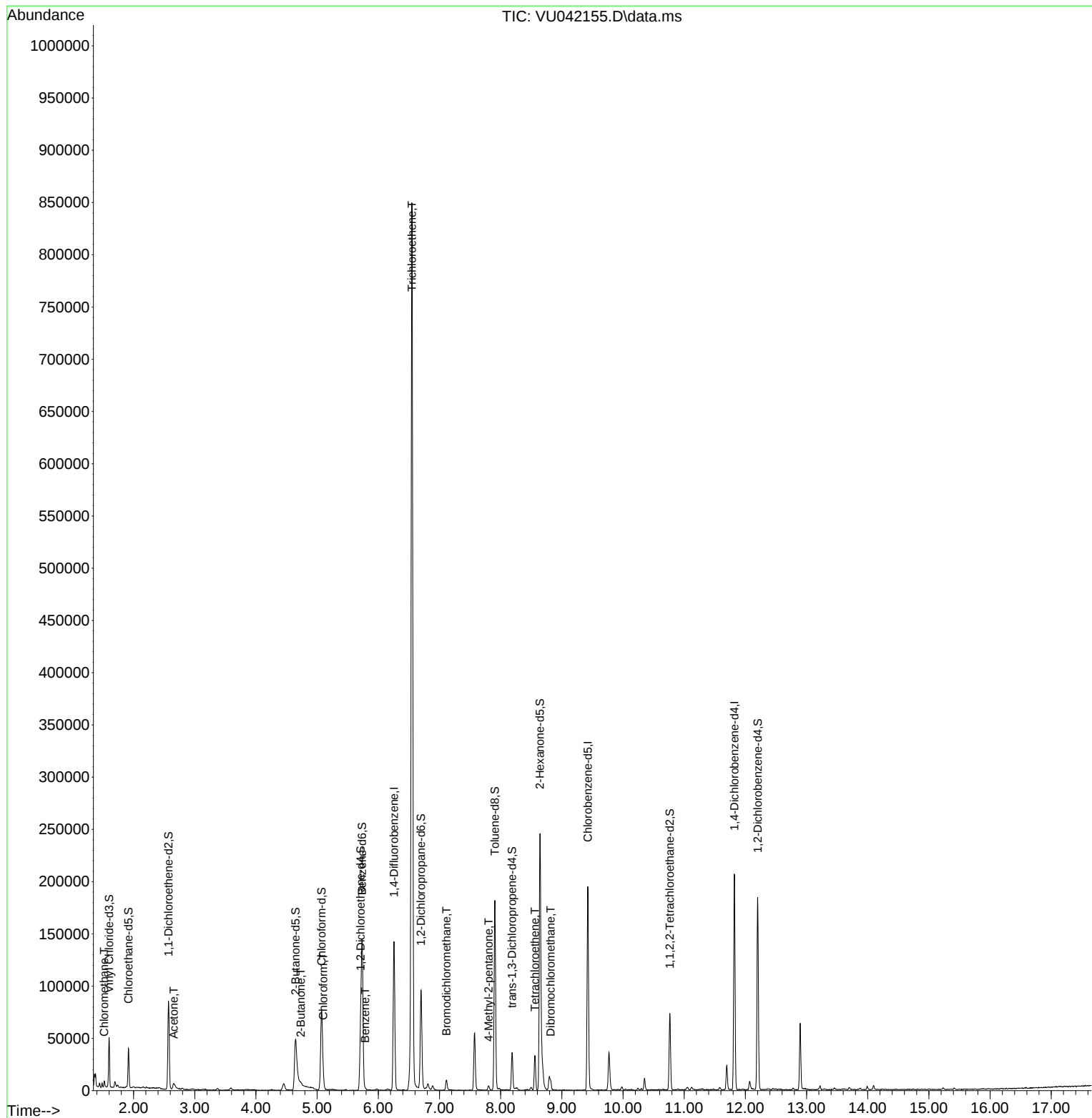
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	110153	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	102295	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	52496	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29701	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.916	69	24812	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.572	63	51609	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.649	46	111613	43.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.10%
24) Chloroform-d	5.073	84	66914	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.710	65	40004	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.735	84	124495	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.700	67	41273	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.906	98	112896	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloroprop...	8.186	79	19787	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.642	63	95019	49.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.94%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	35008	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	46048	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	3907	0.42	ug/L	98
13) Acetone	2.655	43	11789	6.83	ug/L	99
21) 2-Butanone	4.732	43	2304	0.80	ug/L	98
25) Chloroform	5.099	83	8753	0.58	ug/L	98
33) Benzene	5.784	78	1062	0.04	ug/L	100
34) Trichloroethene	6.549	95	281859	34.72	ug/L	99
38) Bromodichloromethane	7.112	83	6243	0.57	ug/L #	96
40) 4-Methyl-2-pentanone	7.803	43	3518	0.52	ug/L #	77
47) Tetrachloroethene	8.559	164	7045	1.04	ug/L	96
49) Dibromochloromethane	8.819	129	3670	0.47	ug/L	95

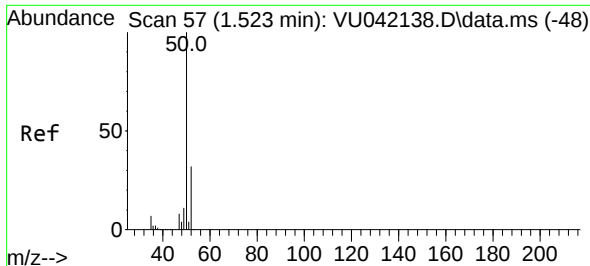
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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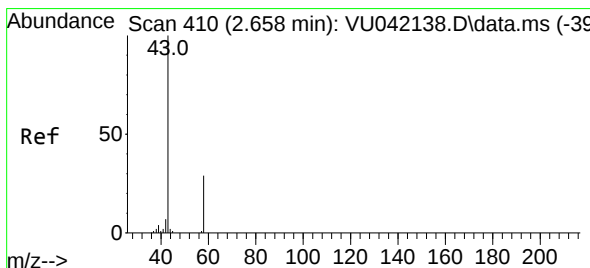
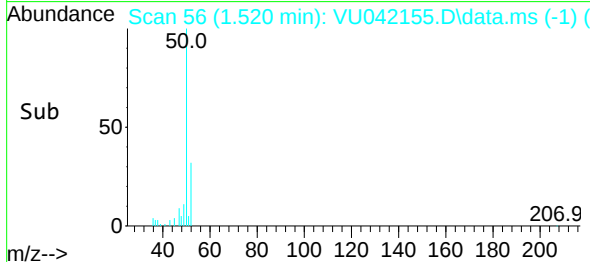
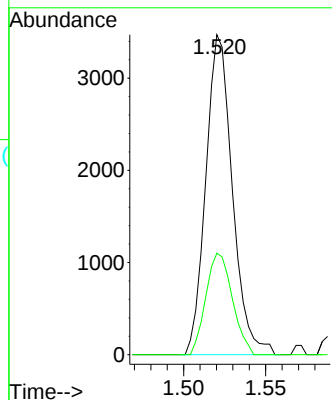
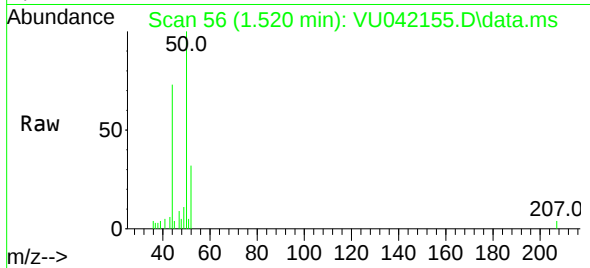




#3
Chloromethane
Concen: 0.42 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042155.D
Acq: 21 Jan 2021 16:57

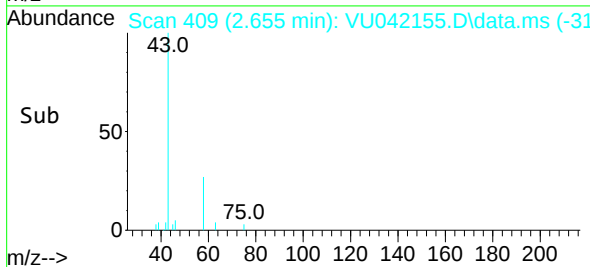
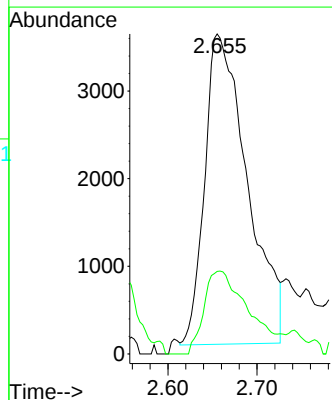
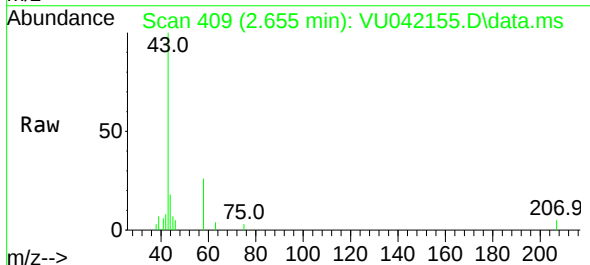
Instrument :
MSVOA_U
ClientSampleId :
BFT99

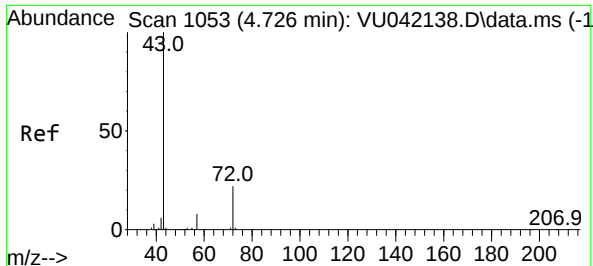
Tgt Ion: 50 Resp: 3907
Ion Ratio Lower Upper
50 100
52 31.7 23.0 42.8



#13
Acetone
Concen: 6.83 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.003 min
Lab File: VU042155.D
Acq: 21 Jan 2021 16:57

Tgt Ion: 43 Resp: 11789
Ion Ratio Lower Upper
43 100
58 28.6 0.0 55.8

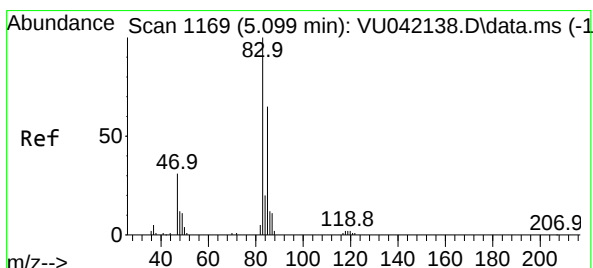
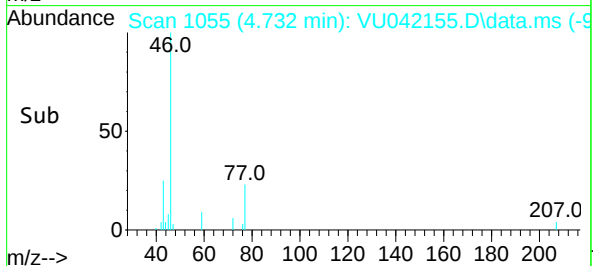
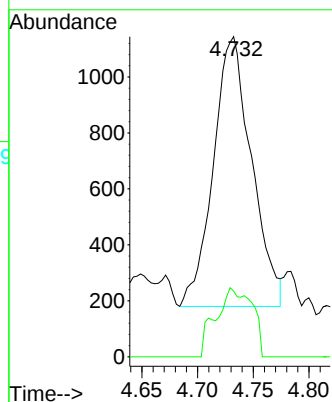
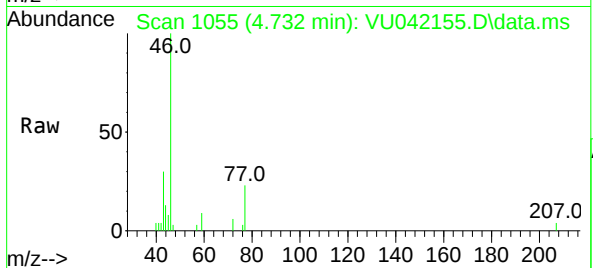




#21
2-Butanone
Concen: 0.80 ug/L
RT: 4.732 min Scan# 1055
Delta R.T. 0.007 min
Lab File: VU042155.D
Acq: 21 Jan 2021 16:57

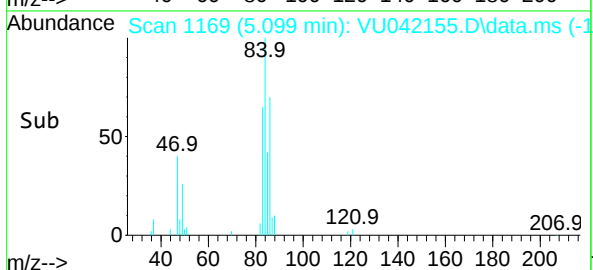
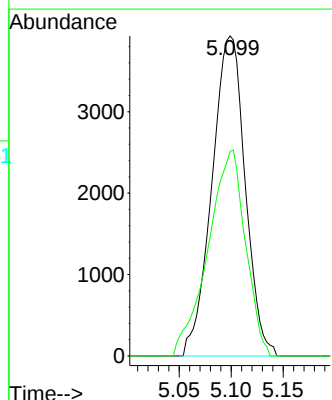
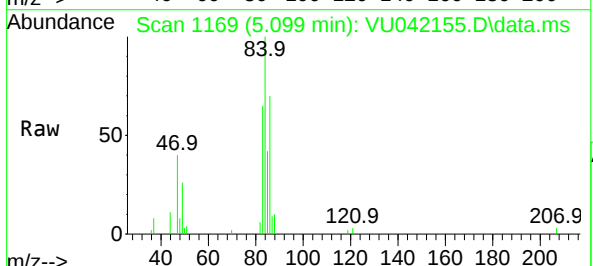
Instrument :
MSVOA_U
ClientSampled :
BFT99

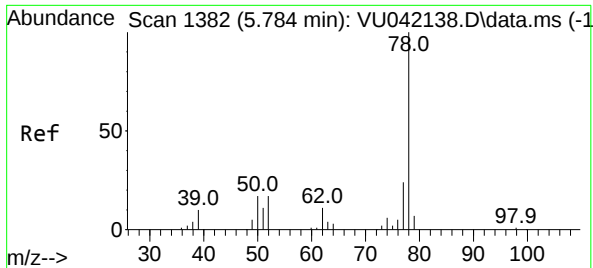
Tgt Ion: 43 Resp: 2304
Ion Ratio Lower Upper
43 100
72 24.2 11.7 35.1



#25
Chloroform
Concen: 0.58 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU042155.D
Acq: 21 Jan 2021 16:57

Tgt Ion: 83 Resp: 8753
Ion Ratio Lower Upper
83 100
85 64.0 45.7 84.9

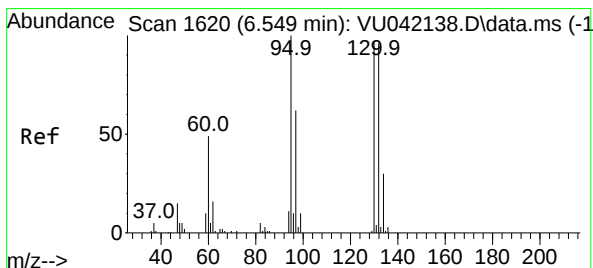
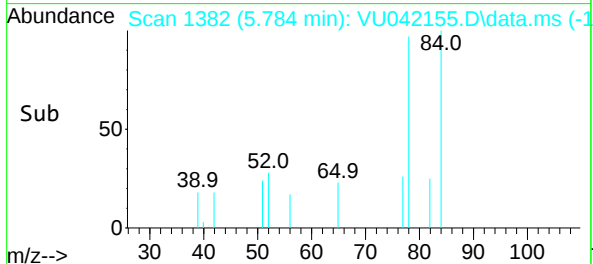
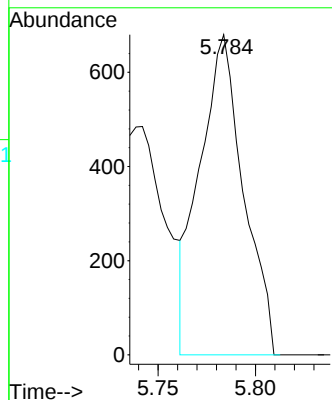
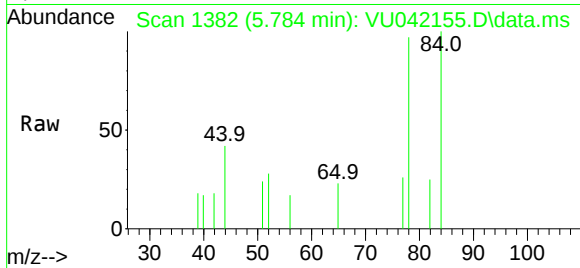




#33
Benzene
Concen: 0.04 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU042155.D
Acq: 21 Jan 2021 16:57

Instrument :
MSVOA_U
ClientSampled :
BFT99

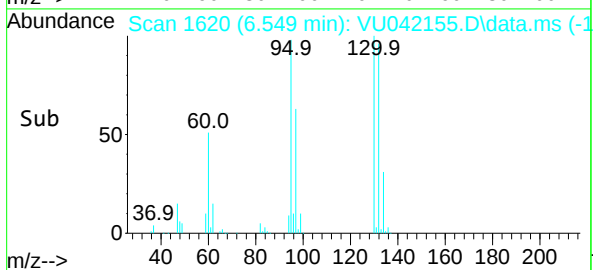
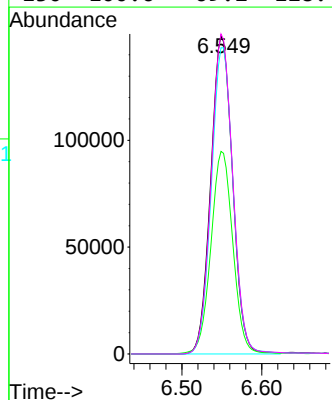
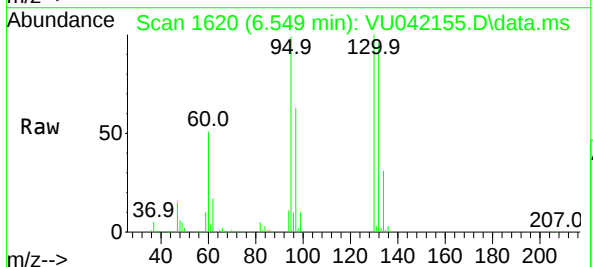
Tgt Ion: 78 Resp: 1062

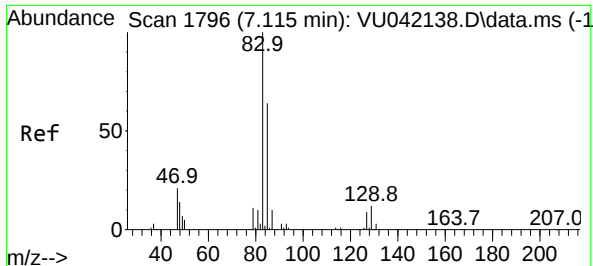


#34
Trichloroethene
Concen: 34.72 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU042155.D
Acq: 21 Jan 2021 16:57

Tgt Ion: 95 Resp: 281859

Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.4	82.4
132	96.3	68.0	126.4
130	100.6	69.2	128.4

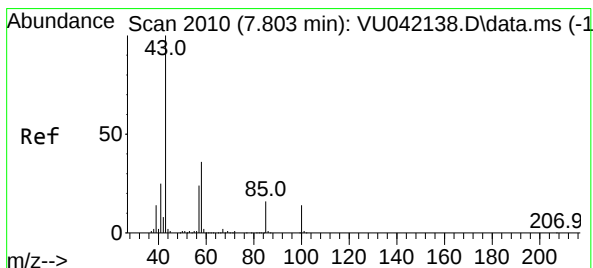
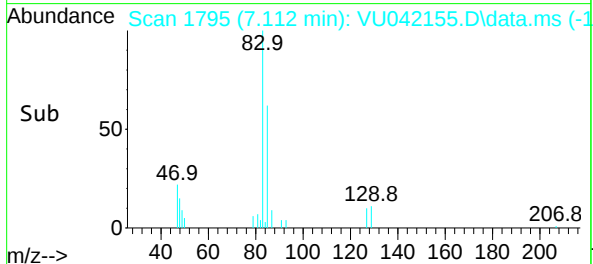
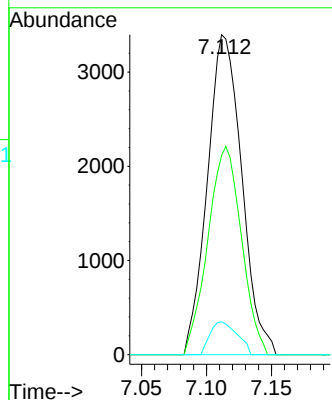
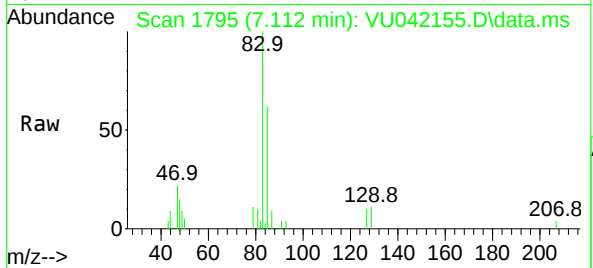




#38
Bromodichloromethane
Concen: 0.57 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. -0.003 min
Lab File: VU042155.D
Acq: 21 Jan 2021 16:57

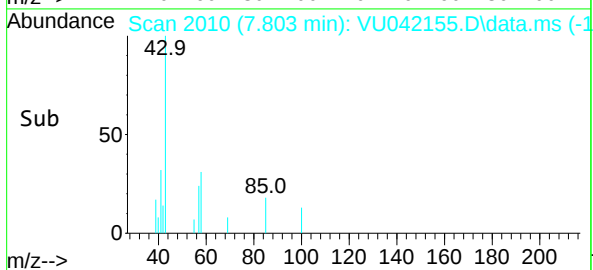
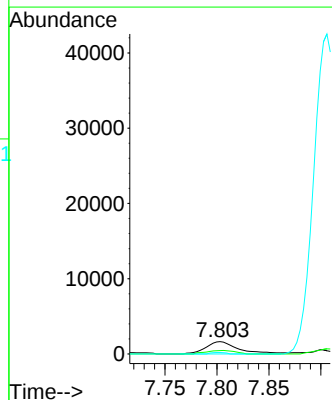
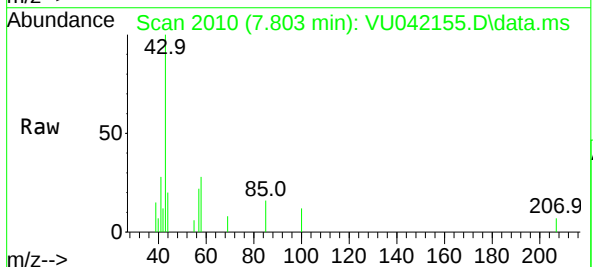
Instrument :
MSVOA_U
ClientSampleId :
BFT99

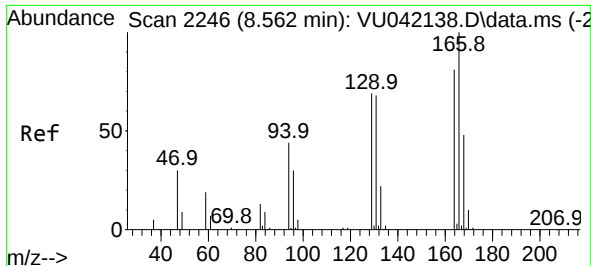
Tgt Ion: 83 Resp: 6243
Ion Ratio Lower Upper
83 100
85 62.3 46.0 85.4
127 10.2 6.8 10.2#



#40
4-Methyl-2-pentanone
Concen: 0.52 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.000 min
Lab File: VU042155.D
Acq: 21 Jan 2021 16:57

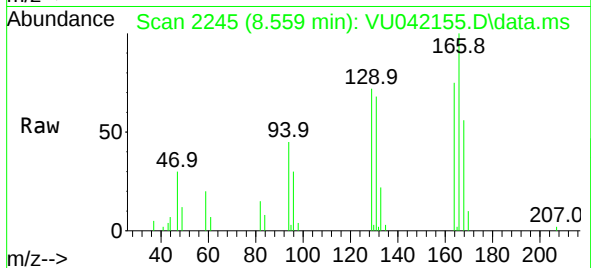
Tgt Ion: 43 Resp: 3518
Ion Ratio Lower Upper
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58 25.2 29.1 43.7#
100 0.0 11.0 16.4#



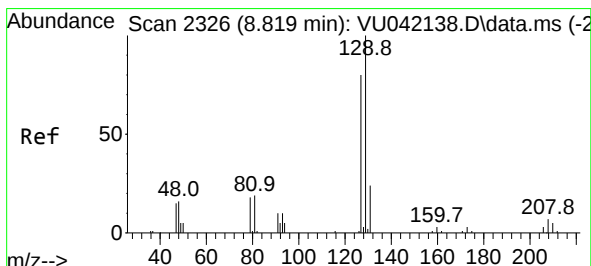
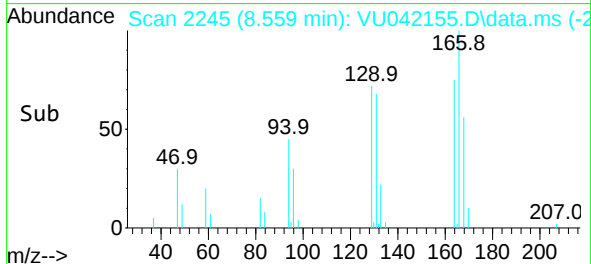
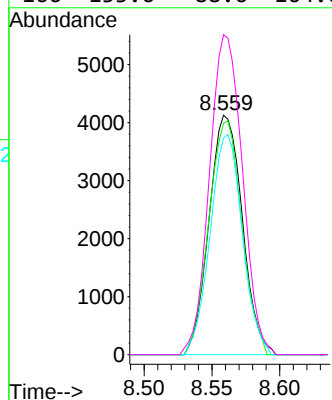


#47
Tetrachloroethene
Concen: 1.04 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042155.D
Acq: 21 Jan 2021 16:57

Instrument :
MSVOA_U
ClientSampleId :
BFT99



Tgt Ion:	164	Resp:	7045
Ion	Ratio	Lower	Upper
164	100		
129	96.5	64.3	119.5
131	90.4	62.2	115.6
166	133.6	88.6	164.6



#49
Dibromochloromethane
Concen: 0.47 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU042155.D
Acq: 21 Jan 2021 16:57

Tgt Ion:	129	Resp:	3670
Ion	Ratio	Lower	Upper
129	100		
127	70.7	52.3	97.1

