

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012121\
 Data File : VU042154.D
 Acq On : 21 Jan 2021 16:33
 Operator : SY/MD
 Sample : M1170-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT98

Quant Time: Jan 22 02:50:45 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)

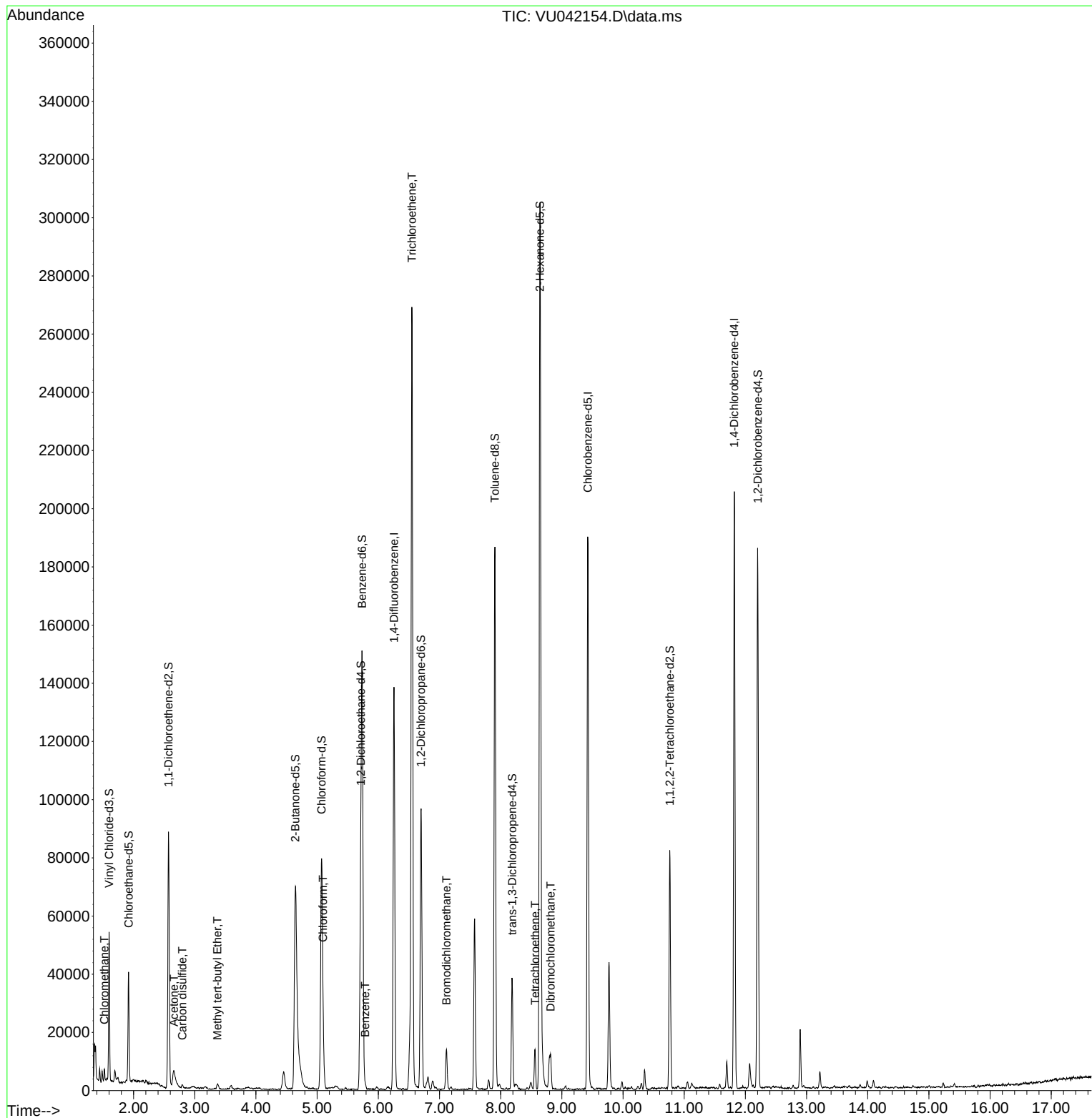
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	107846	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	99009	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	51828	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	31176	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.919	69	25202	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.571	63	52936	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.645	46	148563	58.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.04%
24) Chloroform-d	5.073	84	68746	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.713	65	43096	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.735	84	128543	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.697	67	42416	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.906	98	117286	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloroprop...	8.189	79	20490	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.642	63	108704	59.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.12%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	38854	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	47319	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	2683	0.30	ug/L	96
13) Acetone	2.661	43	14765	8.73	ug/L	90
14) Carbon disulfide	2.797	76	1293	0.05	ug/L #	87
17) Methyl tert-butyl Ether	3.369	73	1656	0.08	ug/L #	86
25) Chloroform	5.095	83	11966	0.81	ug/L	98
33) Benzene	5.784	78	1150	0.04	ug/L	100
34) Trichloroethene	6.549	95	88150	11.22	ug/L	98
38) Bromodichloromethane	7.115	83	8666	0.82	ug/L	95
47) Tetrachloroethene	8.562	164	3025	0.46	ug/L	98
49) Dibromochloromethane	8.819	129	4904	0.65	ug/L	93

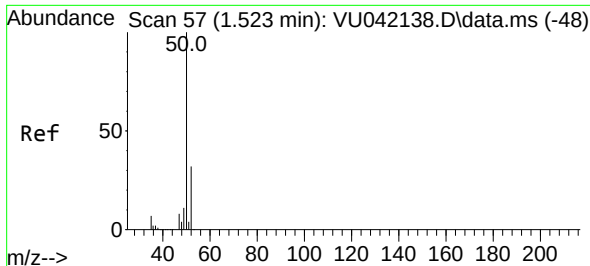
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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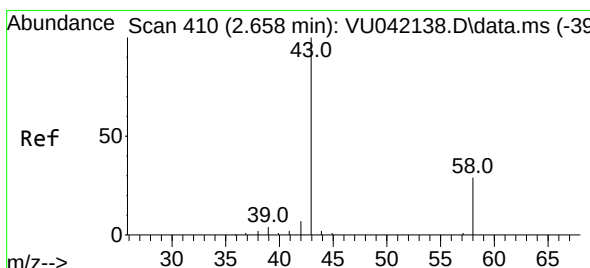
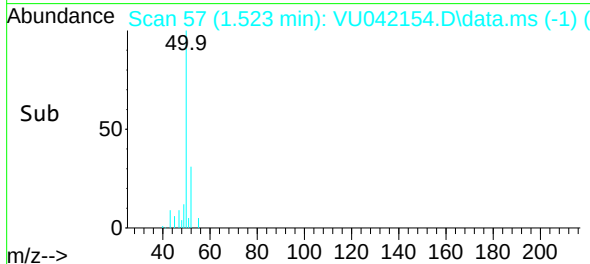
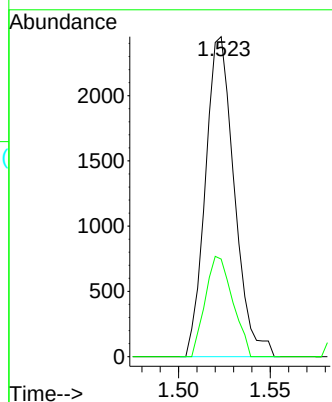
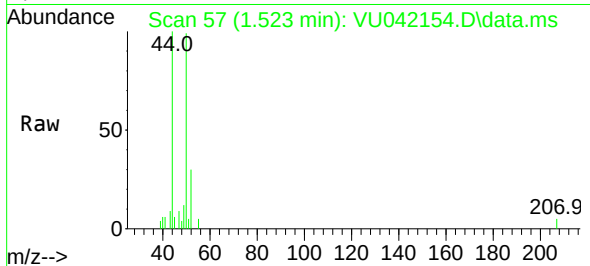




#3
Chloromethane
Concen: 0.30 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042154.D
Acq: 21 Jan 2021 16:33

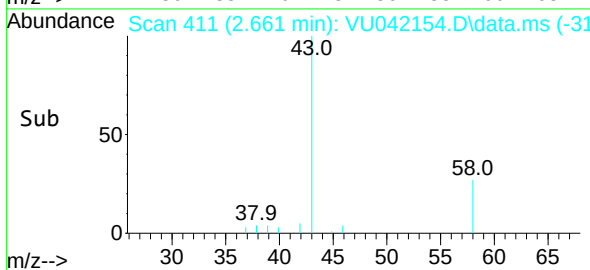
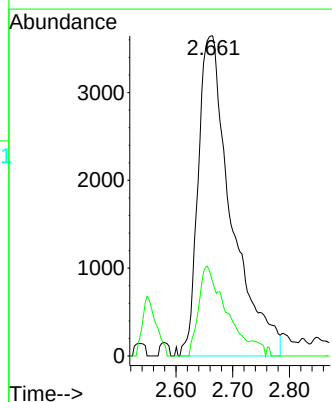
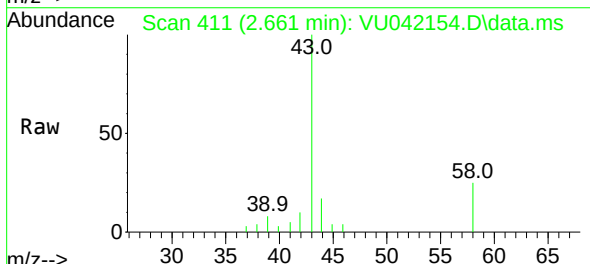
Instrument :
MSVOA_U
ClientSampleId :
BFT98

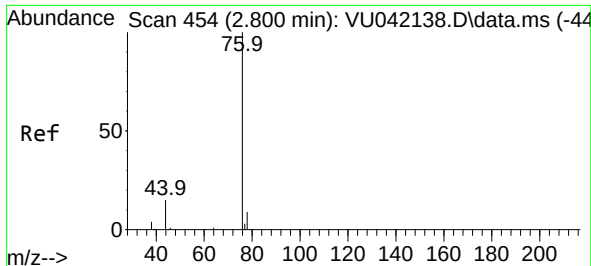
Tgt Ion: 50 Resp: 2683
Ion Ratio Lower Upper
50 100
52 30.5 23.0 42.8



#13
Acetone
Concen: 8.73 ug/L
RT: 2.661 min Scan# 411
Delta R.T. 0.003 min
Lab File: VU042154.D
Acq: 21 Jan 2021 16:33

Tgt Ion: 43 Resp: 14765
Ion Ratio Lower Upper
43 100
58 22.7 0.0 55.8

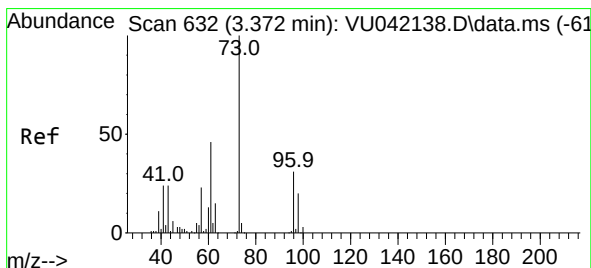
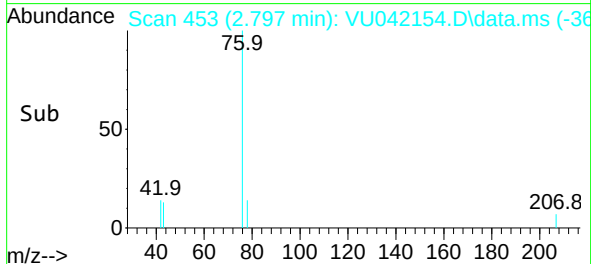
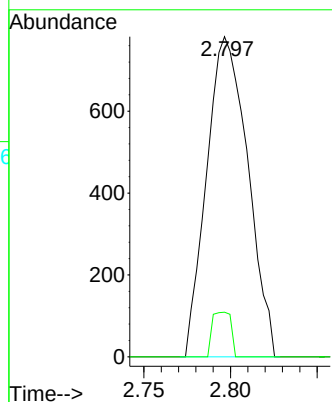
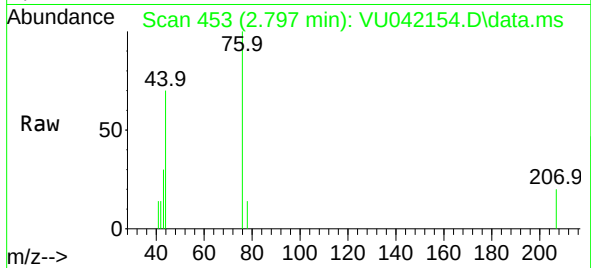




#14
Carbon disulfide
Concen: 0.05 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.003 min
Lab File: VU042154.D
Acq: 21 Jan 2021 16:33

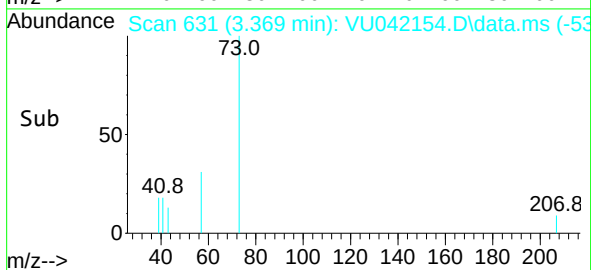
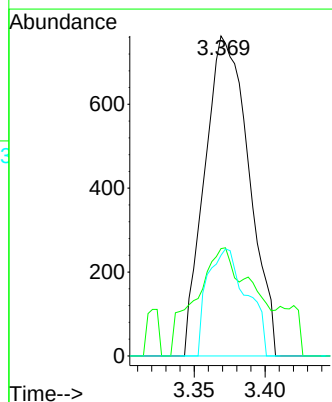
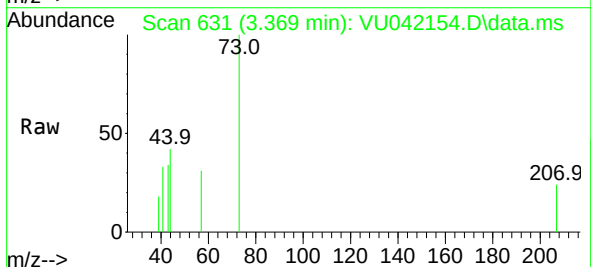
Instrument :
MSVOA_U
ClientSampleId :
BFT98

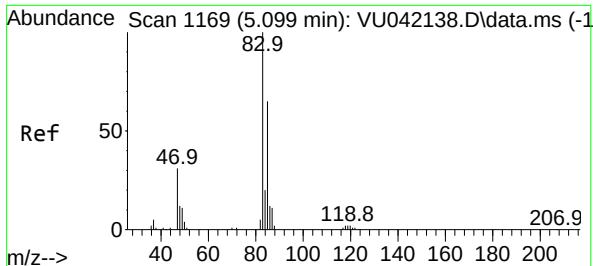
Tgt Ion: 76 Resp: 1293
Ion Ratio Lower Upper
76 100
78 13.9 7.3 10.9#



#17
Methyl tert-butyl Ether
Concen: 0.08 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.003 min
Lab File: VU042154.D
Acq: 21 Jan 2021 16:33

Tgt Ion: 73 Resp: 1656
Ion Ratio Lower Upper
73 100
43 30.7 18.9 28.3#
57 29.6 18.2 27.4#





#25

Chloroform

Concen: 0.81 ug/L

RT: 5.095 min Scan# 1168

Delta R.T. -0.003 min

Lab File: VU042154.D

Acq: 21 Jan 2021 16:33

Instrument :

MSVOA_U

ClientSampleId :

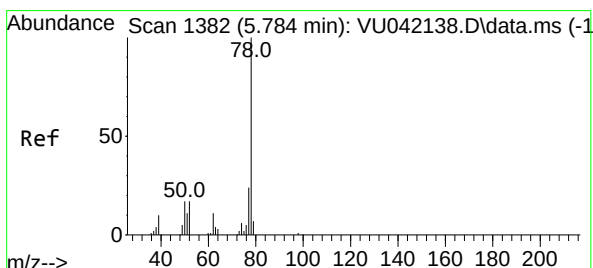
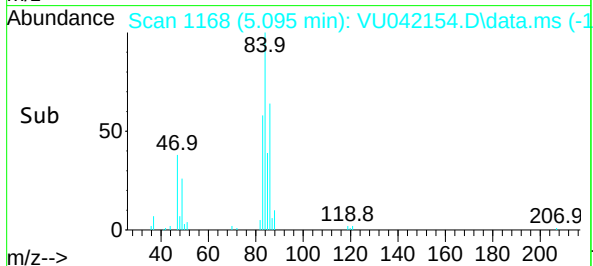
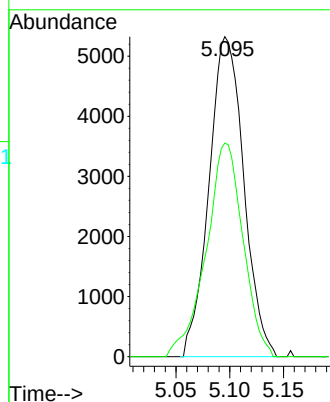
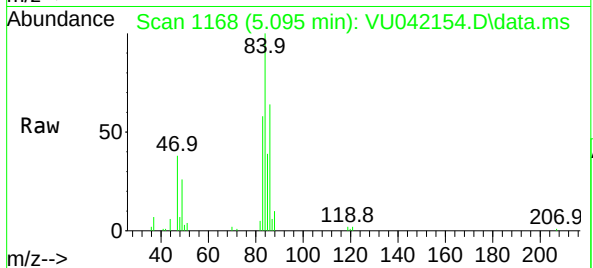
BFT98

Tgt Ion: 83 Resp: 11966

Ion Ratio Lower Upper

83 100

85 66.7 45.7 84.9



#33

Benzene

Concen: 0.04 ug/L

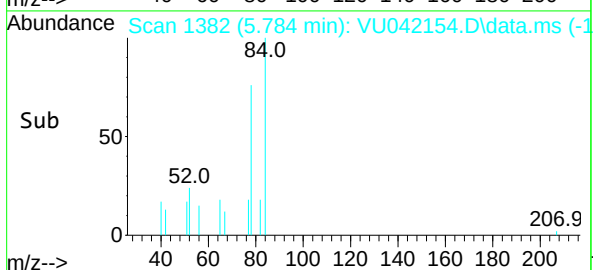
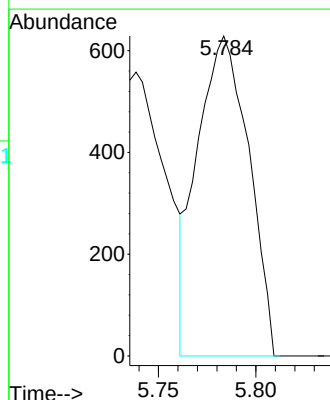
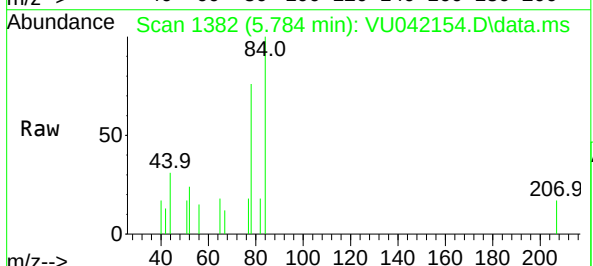
RT: 5.784 min Scan# 1382

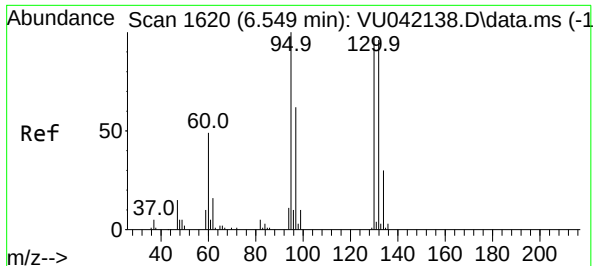
Delta R.T. -0.000 min

Lab File: VU042154.D

Acq: 21 Jan 2021 16:33

Tgt Ion: 78 Resp: 1150

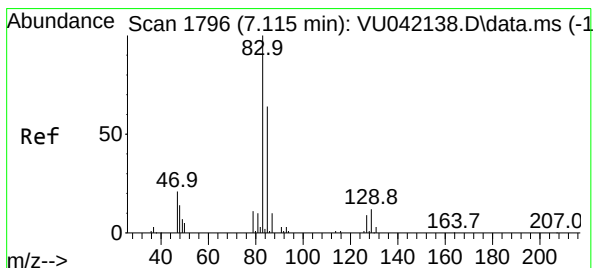
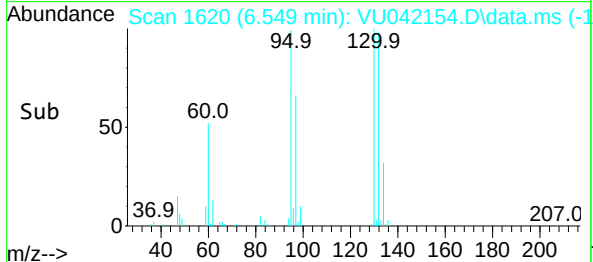
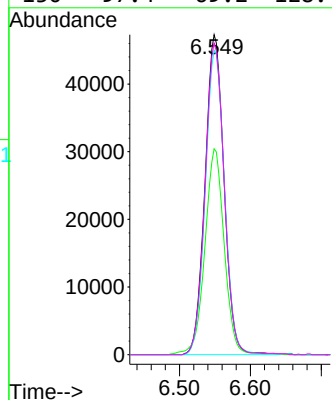
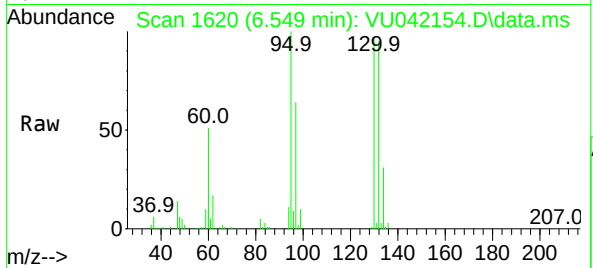




#34
Trichloroethene
Concen: 11.22 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU042154.D
Acq: 21 Jan 2021 16:33

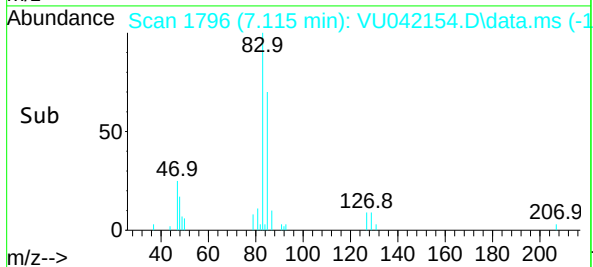
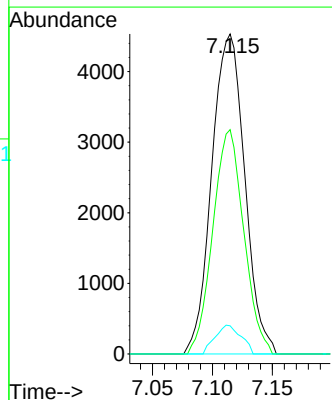
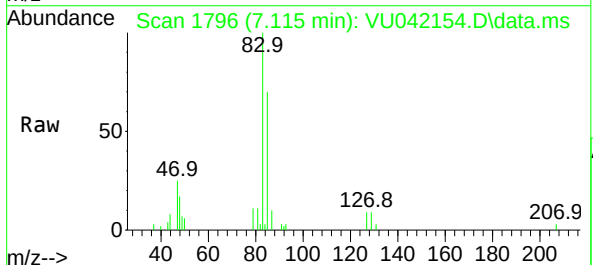
Instrument :
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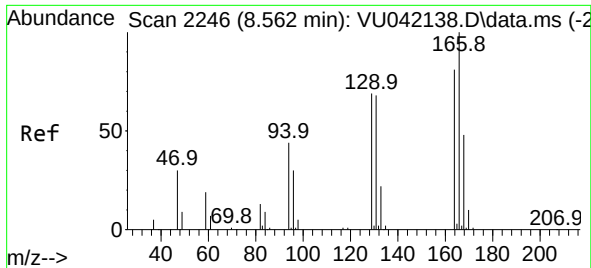
Tgt Ion:	95	Resp:	88150
Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.4	82.4
132	95.1	68.0	126.4
130	97.4	69.2	128.4



#38
Bromodichloromethane
Concen: 0.82 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU042154.D
Acq: 21 Jan 2021 16:33

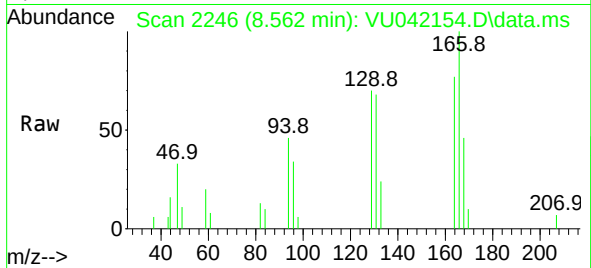
Tgt Ion:	83	Resp:	8666
Ion	Ratio	Lower	Upper
83	100		
85	70.1	46.0	85.4
127	8.8	6.8	10.2



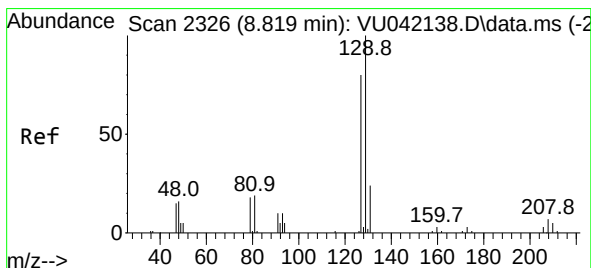
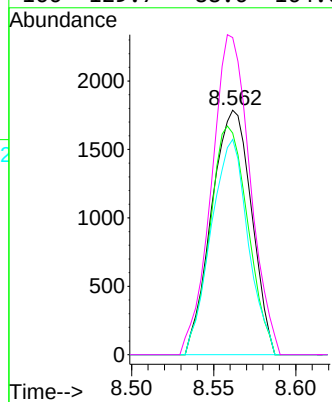
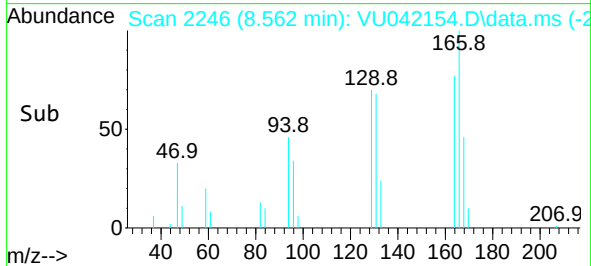


#47
Tetrachloroethene
Concen: 0.46 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042154.D
Acq: 21 Jan 2021 16:33

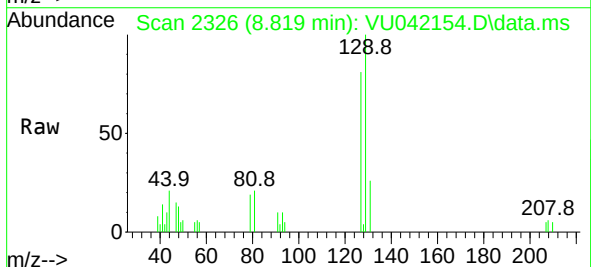
Instrument :
MSVOA_U
ClientSampleId :
BFT98



Tgt Ion:164 Resp: 3025
Ion Ratio Lower Upper
164 100
129 90.7 64.3 119.5
131 88.0 62.2 115.6
166 129.7 88.6 164.6



#49
Dibromochloromethane
Concen: 0.65 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU042154.D
Acq: 21 Jan 2021 16:33



Tgt Ion:129 Resp: 4904
Ion Ratio Lower Upper
129 100
127 81.0 52.3 97.1

