

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
 Data File : VU042070.D
 Acq On : 15 Jan 2021 14:01
 Operator : SY/MD
 Sample : M1065-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXS2

Quant Time: Jan 16 01:10:05 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 16 01:05:16 2021
 Response via : Initial Calibration

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

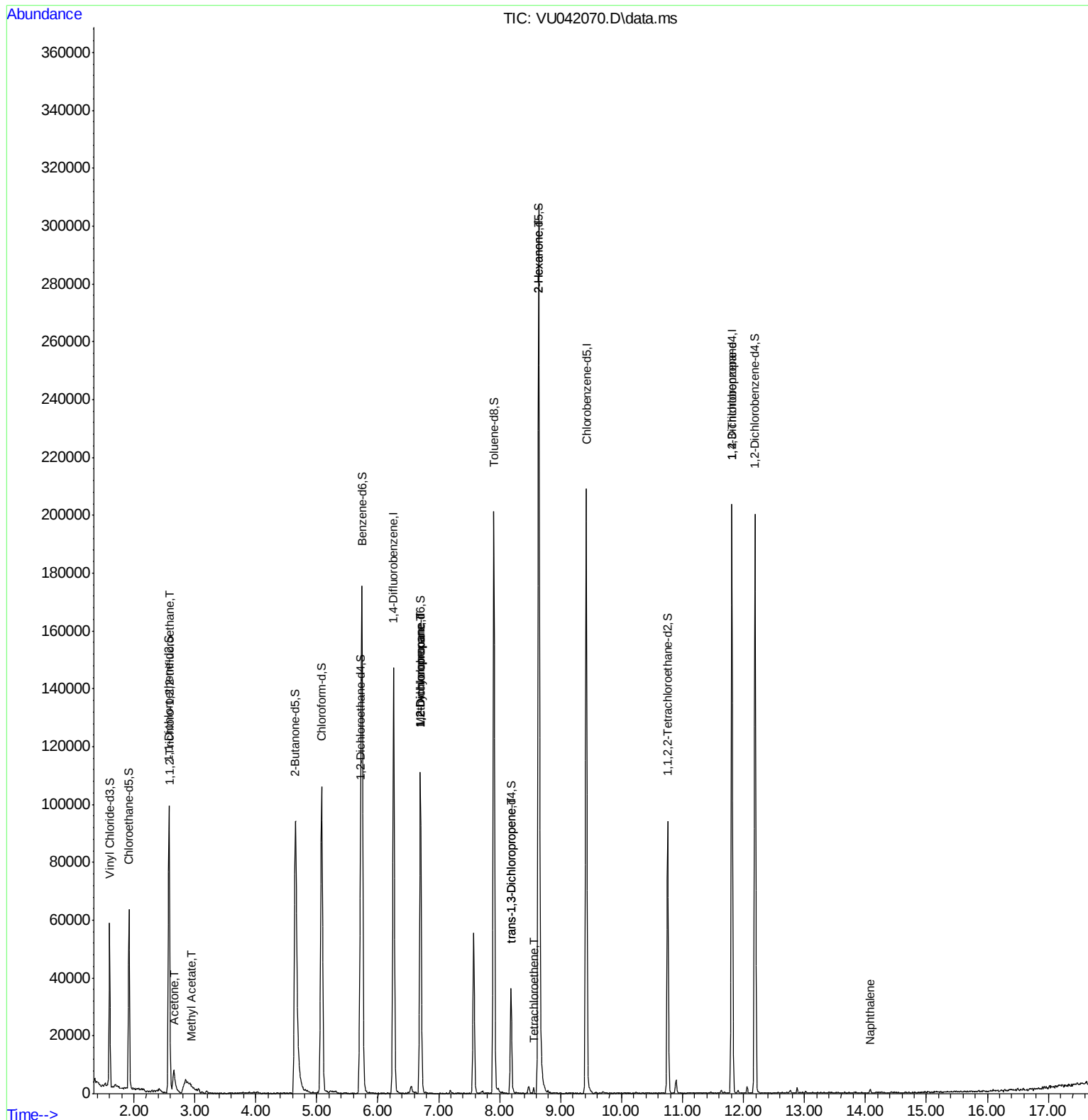
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	121144	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	122560	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	56149	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	38149	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.919	69	43259	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.575	63	61668	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.649	46	166801	54.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.74%
24) Chloroform-d	5.079	84	102547	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
26) 1,2-Dichloroethane-d4	5.716	65	49340	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.742	84	161372	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.40%
36) 1,2-Dichloropropane-d6	6.703	67	55236	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.00%
41) Toluene-d8	7.903	98	134825	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloroprop...	8.185	79	21807	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.642	63	120605	45.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.08%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	47915	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	12.189	152	51143	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	513	0.05	ug/L #	21
13) Acetone	2.655	43	14660	7.65	ug/L	91
15) Methyl Acetate	2.951	43	477	0.10	ug/L #	51
35) Methylcyclohexane	6.700	83	12486	0.69	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	5671	0.48	ug/L #	90
44) trans-1,3-Dichloropropene	8.185	75	958	0.06	ug/L	83
47) Tetrachloroethene	8.558	164	465	0.06	ug/L	82
48) 2-Hexanone	8.642	43	13140	2.39	ug/L #	72
59) 1,2,3-Trichloropropane	11.809	75	5986	0.77	ug/L	96
69) Naphthalene	14.073	128	1234	0.07	ug/L #	88

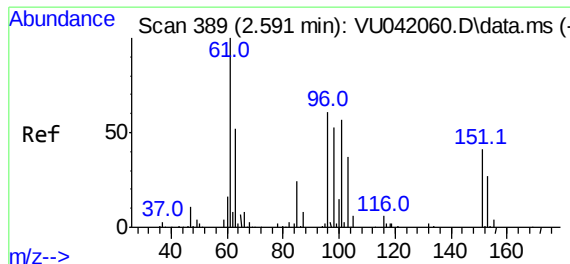
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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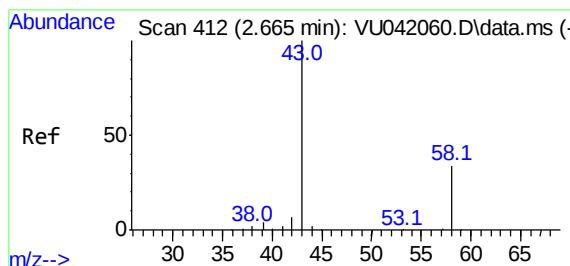
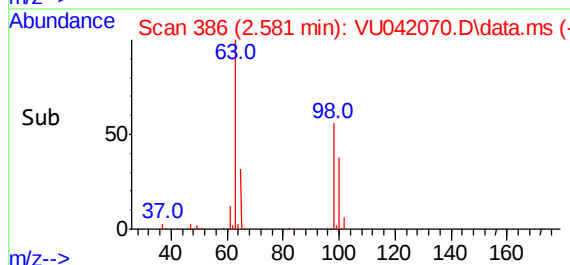
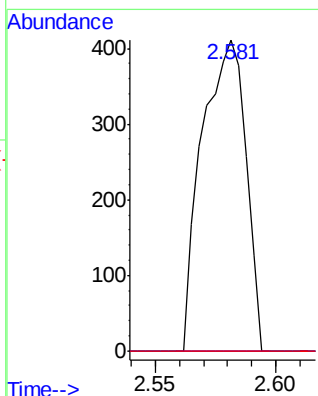
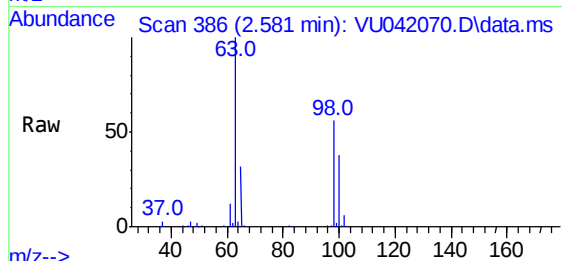




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.010 min
Lab File: VU042070.D
Acq: 15 Jan 2021 14:01

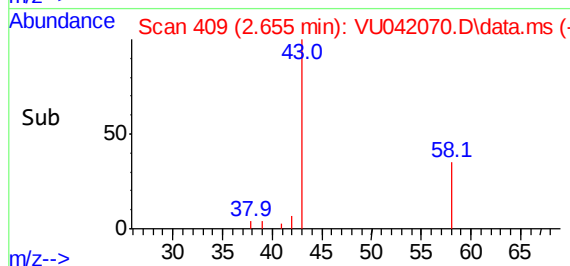
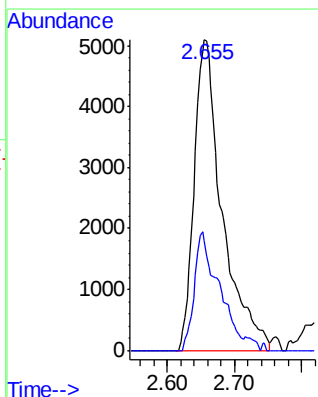
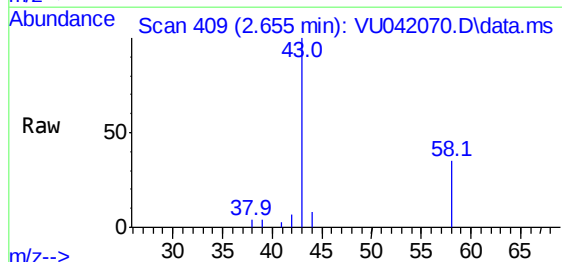
Instrument :
MSVOA_U
ClientSampleId :
BFXS2

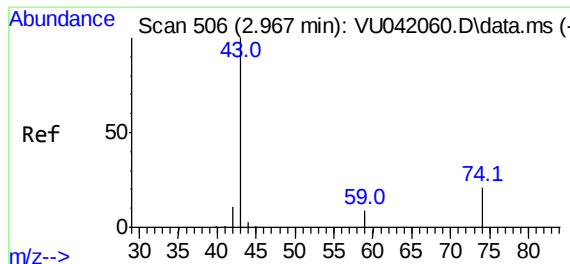
Tgt Ion:101 Resp: 513
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 0.0 55.4 83.2#



#13
Acetone
Concen: 7.65 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.010 min
Lab File: VU042070.D
Acq: 15 Jan 2021 14:01

Tgt Ion: 43 Resp: 14660
Ion Ratio Lower Upper
43 100
58 33.4 0.0 57.4

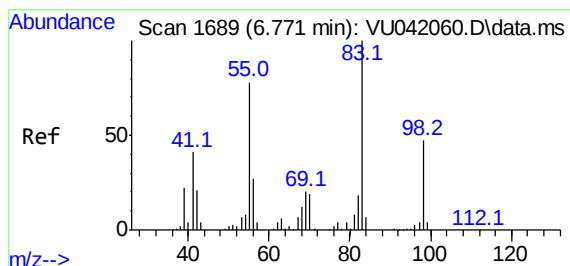
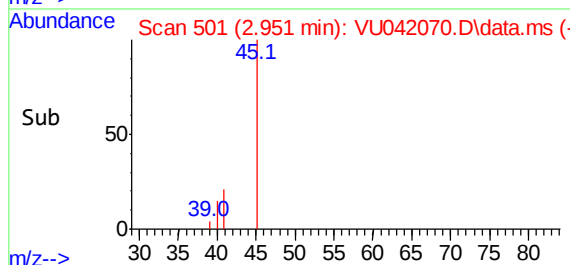
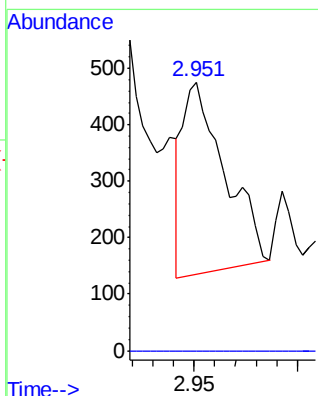
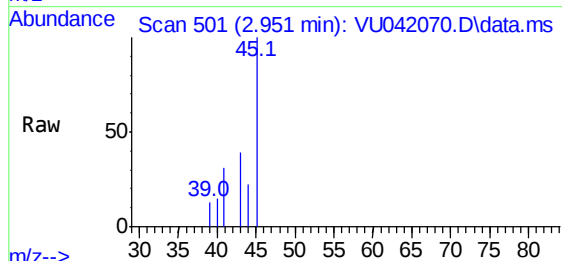




#15
Methyl Acetate
Concen: 0.10 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.016 min
Lab File: VU042070.D
Acq: 15 Jan 2021 14:01

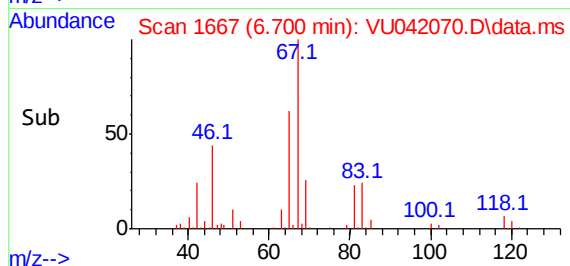
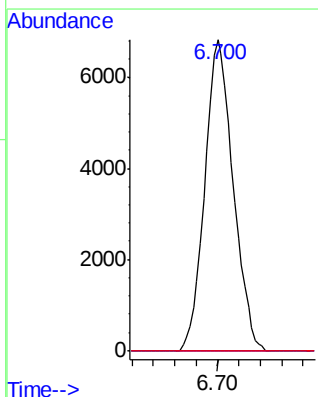
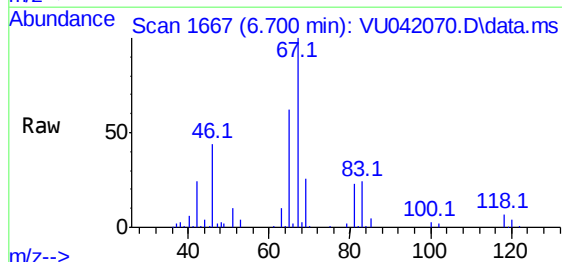
Instrument :
MSVOA_U
ClientSampleId :
BFXS2

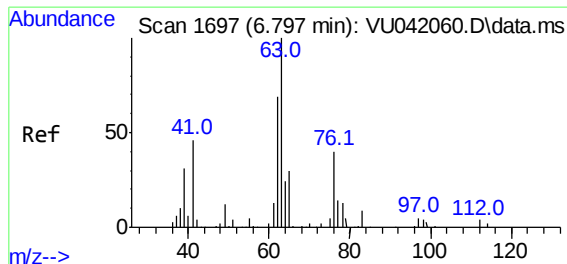
Tgt Ion: 43 Resp: 477
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#35
Methylcyclohexane
Concen: 0.69 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042070.D
Acq: 15 Jan 2021 14:01

Tgt Ion: 83 Resp: 12486
Ion Ratio Lower Upper
83 100
55 0.3 66.8 100.2#
98 1.4 35.7 53.5#

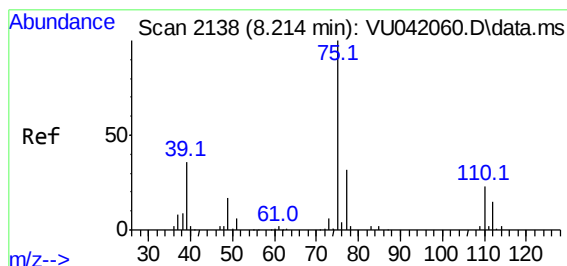
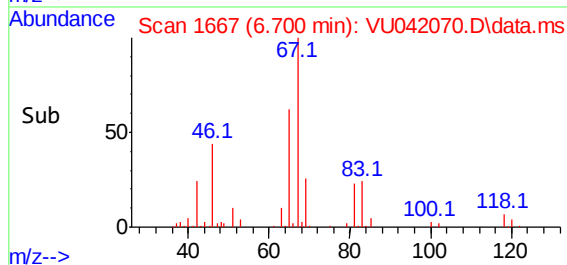
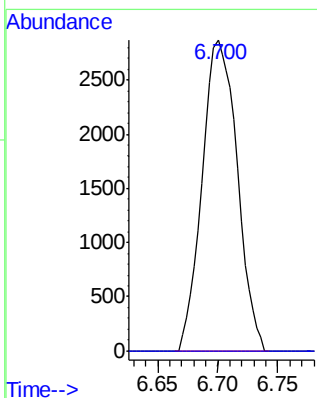
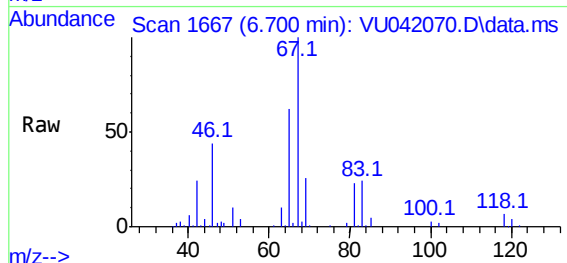




#37
1,2-Dichloropropane
Concen: 0.48 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.097 min
Lab File: VU042070.D
Acq: 15 Jan 2021 14:01

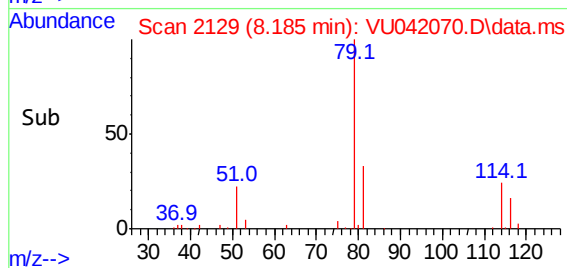
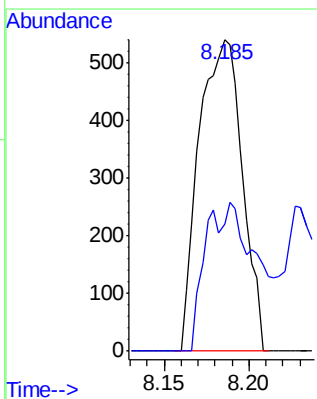
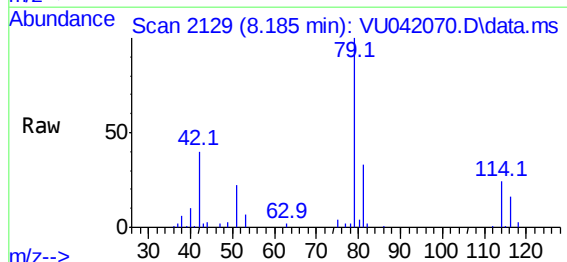
Instrument :
MSVOA_U
ClientSampleId :
BFXS2

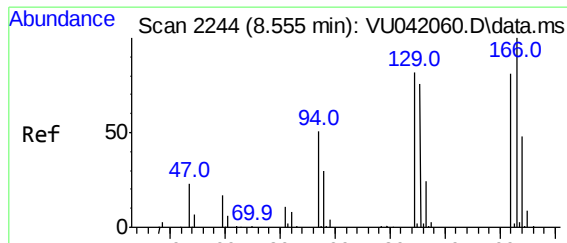
Tgt Ion: 63 Resp: 5671
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU042070.D
Acq: 15 Jan 2021 14:01

Tgt Ion: 75 Resp: 958
Ion Ratio Lower Upper
75 100
77 40.7 22.0 41.0



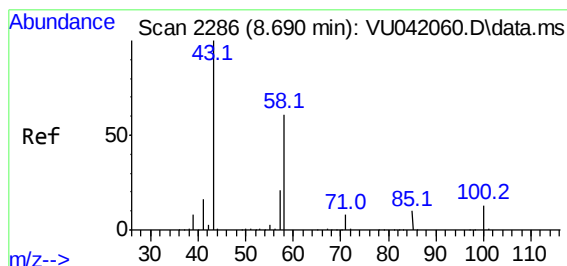
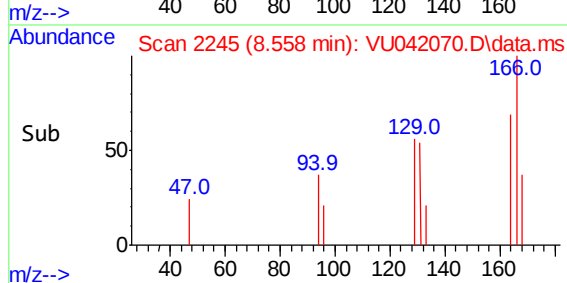
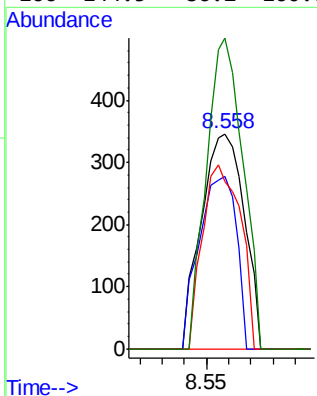
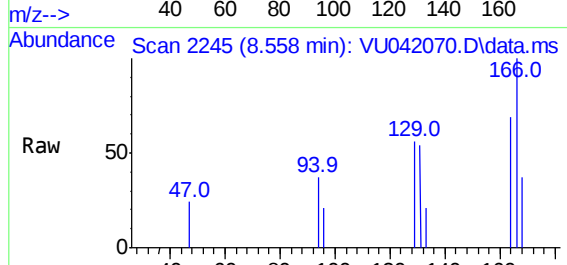


#47
Tetrachloroethene
Concen: 0.06 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU042070.D
Acq: 15 Jan 2021 14:01

Instrument :
MSVOA_U
ClientSampled :
BFXS2

Tgt Ion:164 Resp: 465

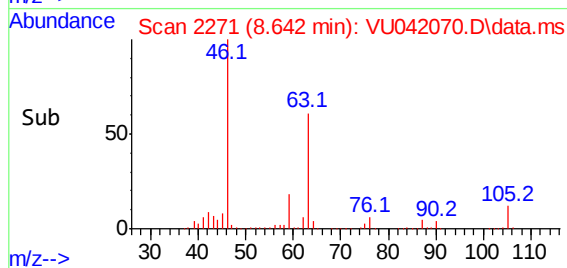
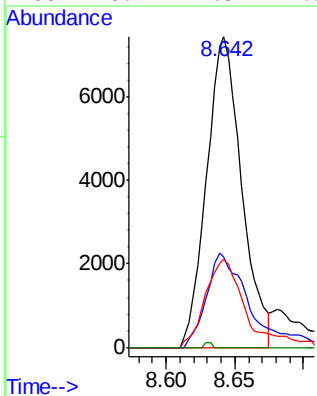
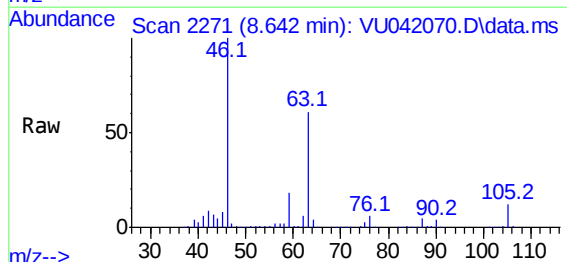
Ion	Ratio	Lower	Upper
164	100		
129	80.3	68.7	127.5
131	77.7	65.2	121.0
166	144.5	86.2	160.0

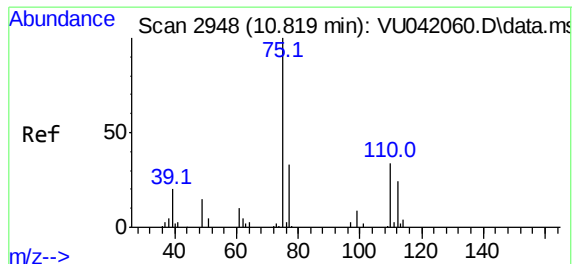


#48
2-Hexanone
Concen: 2.39 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.048 min
Lab File: VU042070.D
Acq: 15 Jan 2021 14:01

Tgt Ion: 43 Resp: 13140

Ion	Ratio	Lower	Upper
43	100		
58	37.4	47.8	71.8#
57	32.7	17.4	26.0#
100	0.4	9.5	14.3#

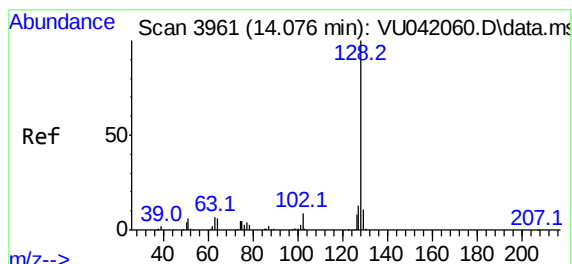
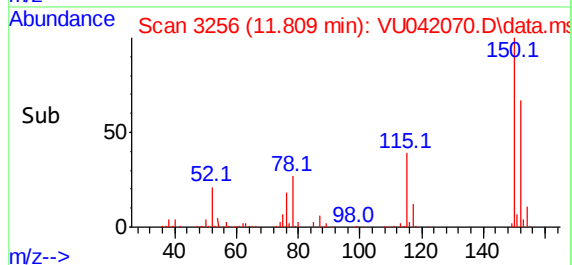
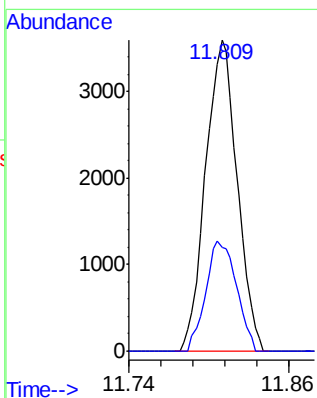
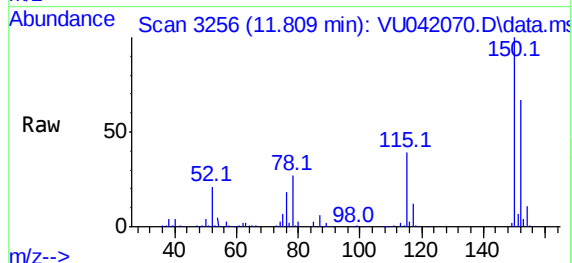




#59
1,2,3-Trichloropropane
Concen: 0.77 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU042070.D
Acq: 15 Jan 2021 14:01

Instrument :
MSVOA_U
ClientSampleId :
BFXS2

Tgt Ion: 75 Resp: 5986
Ion Ratio Lower Upper
75 100
77 34.3 25.6 38.4



#69
Naphthalene
Concen: 0.07 ug/L
RT: 14.073 min Scan# 3960
Delta R.T. -0.003 min
Lab File: VU042070.D
Acq: 15 Jan 2021 14:01

Tgt Ion: 128 Resp: 1234
Ion Ratio Lower Upper
128 100
129 1.6 8.7 13.1#
127 13.4 10.5 15.7

