

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042034.D
 Acq On : 14 Jan 2021 15:01
 Operator : SY/MD
 Sample : M1129-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT70

Quant Time: Jan 15 05:25:29 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 05:20:45 2021
 Response via : Initial Calibration

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

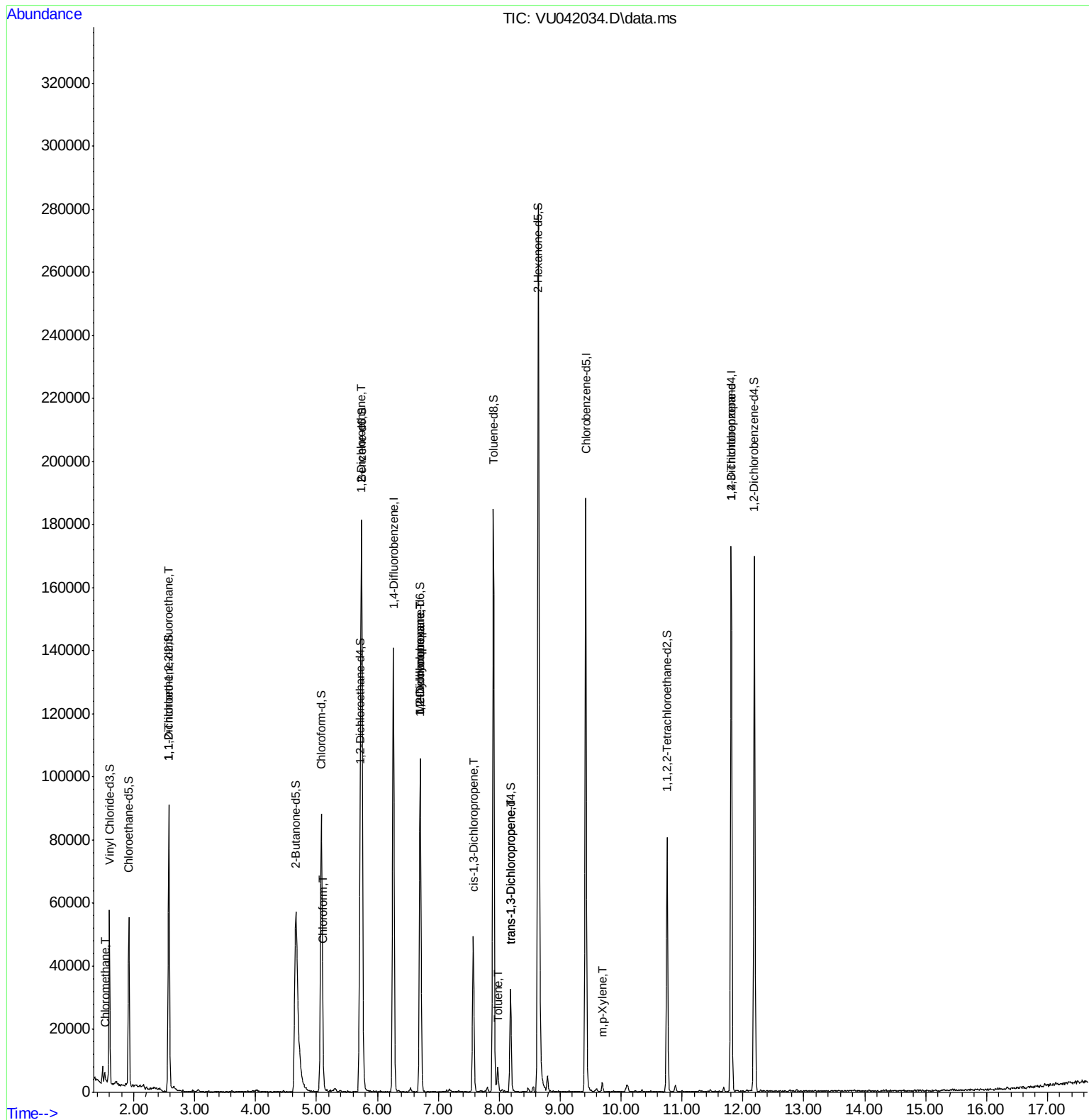
Internal Standards						
1) 1,4-Difluorobenzene	6.263	114	113209	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	107281	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	46278	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	36183	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.919	69	37911	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.575	63	54435	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	4.658	46	140923	49.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.32%
24) Chloroform-d	5.080	84	82726	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.716	65	48377	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.742	84	167729	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.703	67	50894	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.906	98	122642	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloroprop...	8.186	79	19853	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.642	63	105279	44.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.84%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	42153	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	12.189	152	44058	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%
Target Compounds						
3) Chloromethane	1.523	50	2783	0.21	ug/L	87
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	429	0.05	ug/L #	21
25) Chloroform	5.102	83	2139	0.12	ug/L	86
27) 1,2-Dichloroethane	5.736	62	774	0.07	ug/L #	75
35) Methylcyclohexane	6.703	83	11642	0.74	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	5973	0.58	ug/L #	90
39) cis-1,3-Dichloropropene	7.575	75	1142	0.07	ug/L	88
42) Toluene	7.977	91	5439	0.13	ug/L	88
44) trans-1,3-Dichloropropene	8.186	75	659	0.05	ug/L #	41
53) m,p-Xylene	9.694	106	918	0.06	ug/L	93
59) 1,2,3-Trichloropropane	11.809	75	5505	0.81	ug/L	93

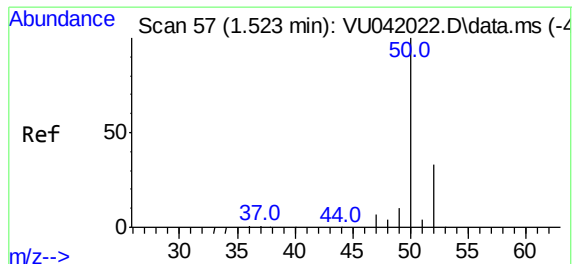
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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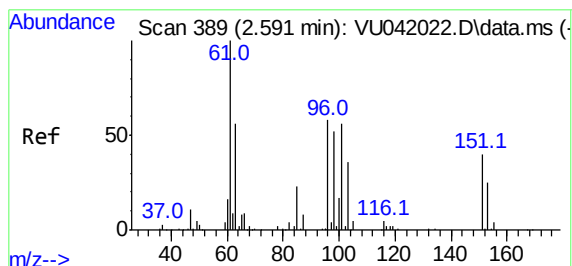
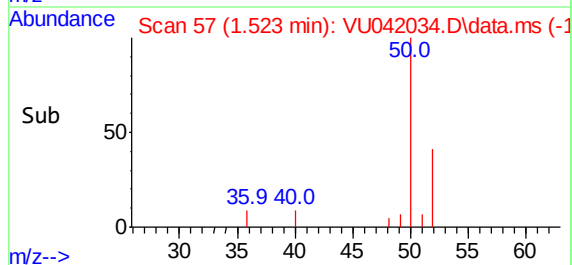
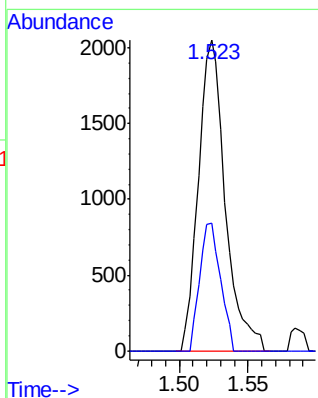
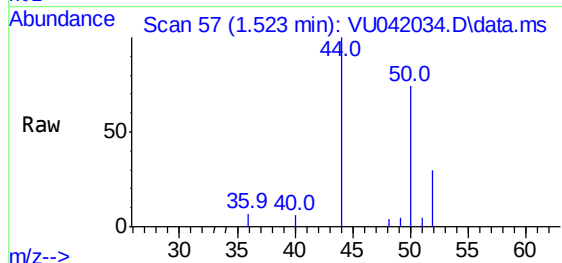




#3
Chloromethane
Concen: 0.21 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042034.D
Acq: 14 Jan 2021 15:01

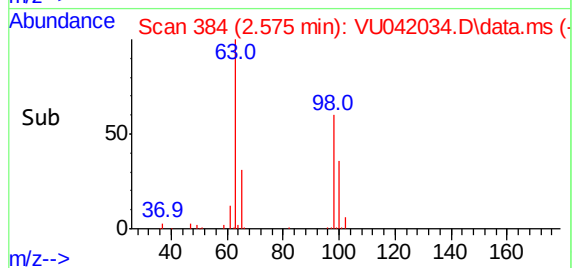
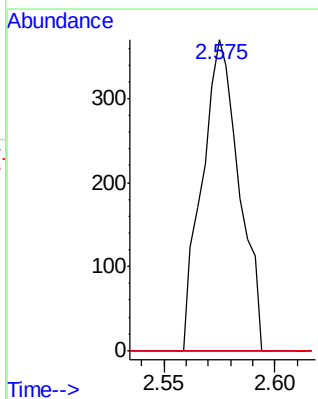
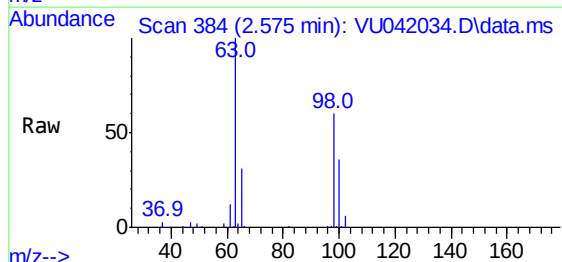
Instrument :
MSVOA_U
ClientSampled :
BFT70

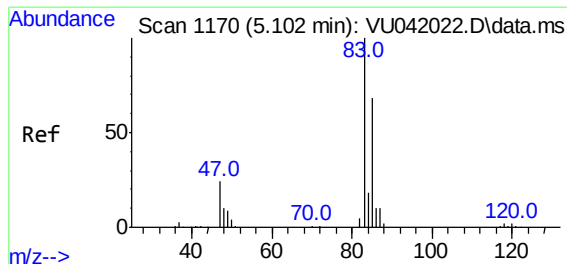
Tgt Ion: 50 Resp: 2783
Ion Ratio Lower Upper
50 100
52 40.9 23.5 43.7



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.016 min
Lab File: VU042034.D
Acq: 14 Jan 2021 15:01

Tgt Ion: 101 Resp: 429
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 0.0 55.4 83.2#

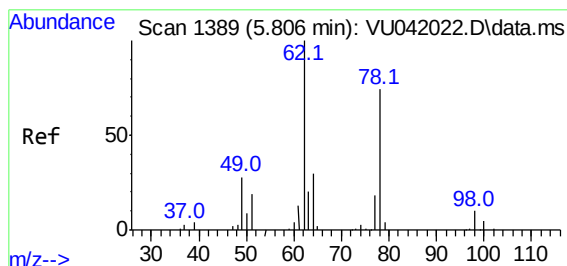
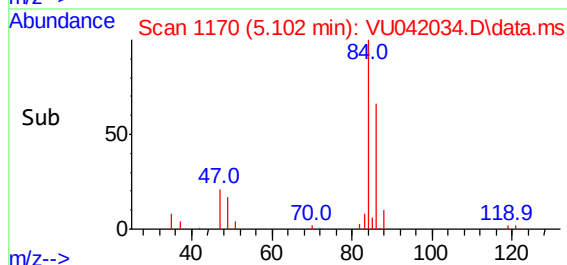
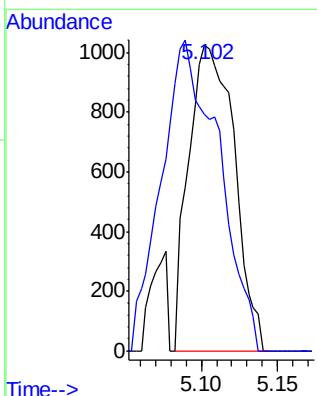
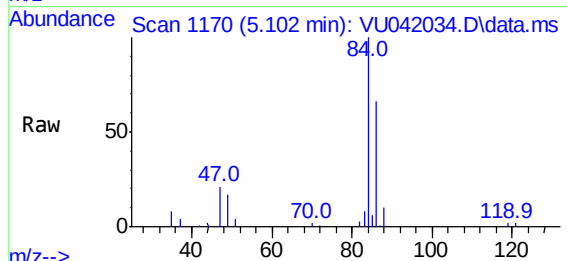




#25
Chloroform
Concen: 0.12 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VU042034.D
Acq: 14 Jan 2021 15:01

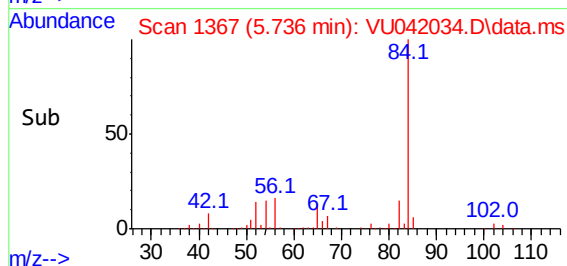
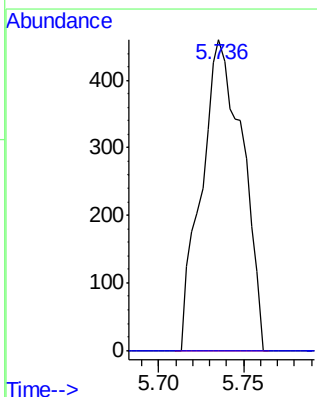
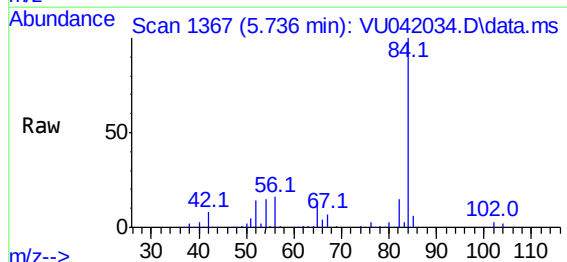
Instrument :
MSVOA_U
ClientSampled :
BFT70

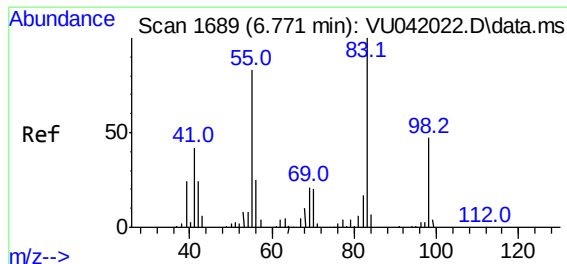
Tgt Ion: 83 Resp: 2139
Ion Ratio Lower Upper
83 100
85 77.3 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.736 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU042034.D
Acq: 14 Jan 2021 15:01

Tgt Ion: 62 Resp: 774
Ion Ratio Lower Upper
62 100
98 0.0 7.1 10.7#

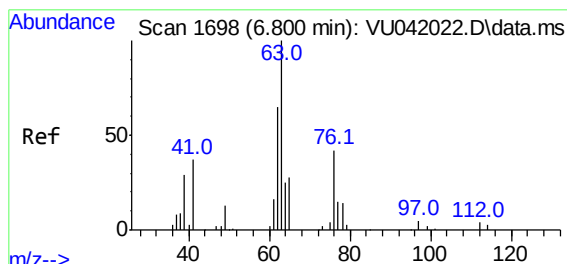
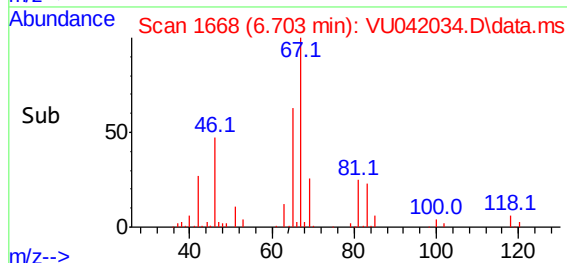
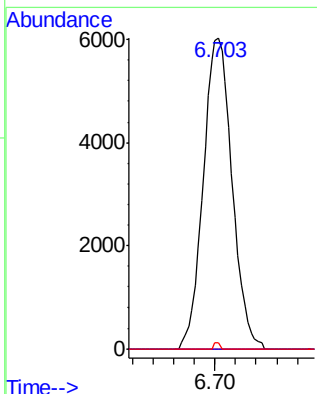
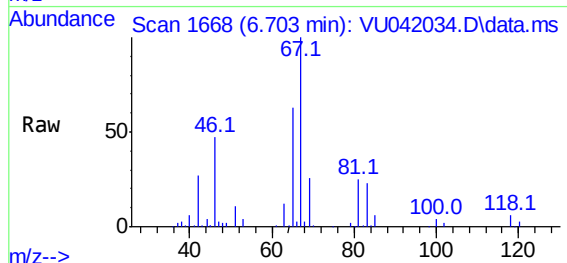




#35
Methylcyclohexane
Concen: 0.74 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.067 min
Lab File: VU042034.D
Acq: 14 Jan 2021 15:01

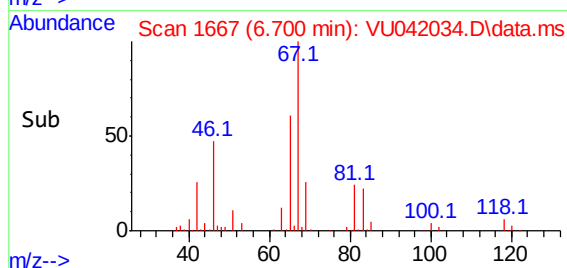
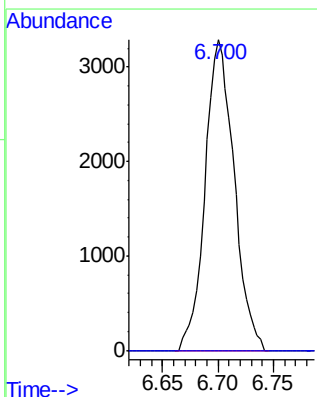
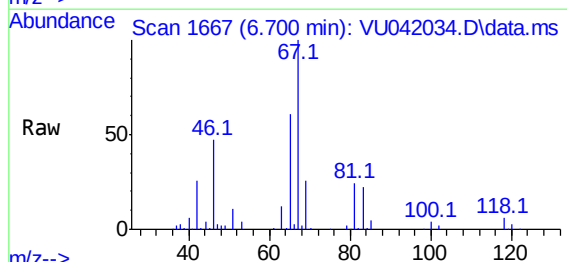
Instrument :
MSVOA_U
ClientSampleId :
BFT70

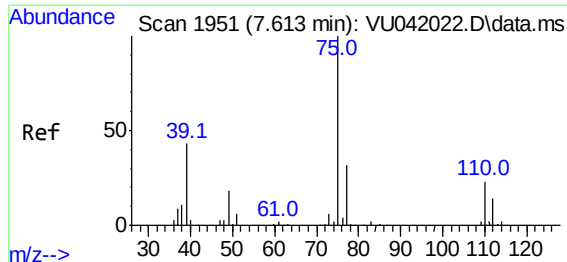
Tgt Ion: 83 Resp: 11642
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 0.4 35.7 53.5#



#37
1,2-Dichloropropane
Concen: 0.58 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.099 min
Lab File: VU042034.D
Acq: 14 Jan 2021 15:01

Tgt Ion: 63 Resp: 5973
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

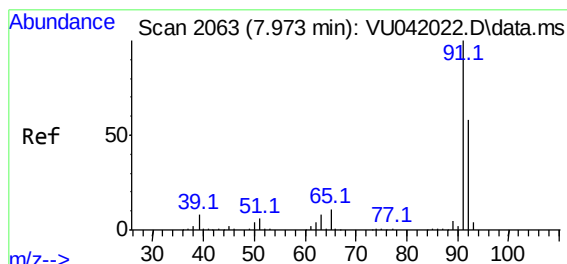
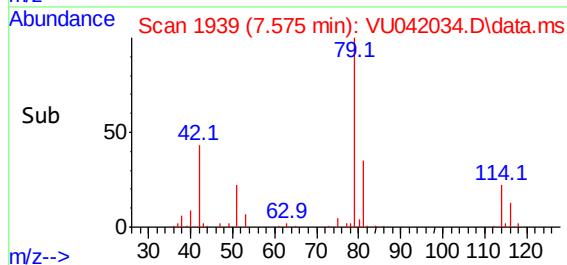
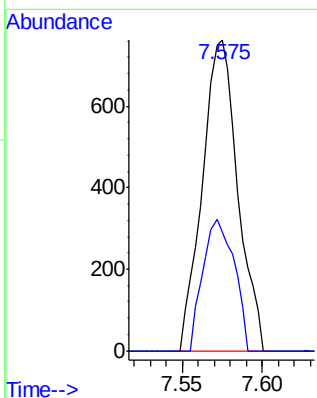
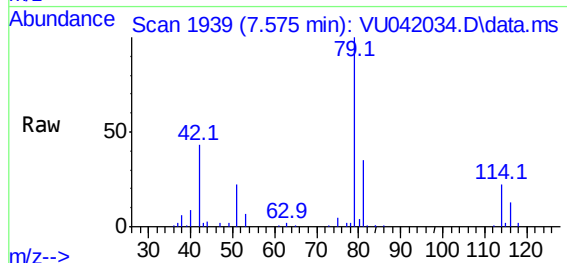




#39
cis-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.038 min
Lab File: VU042034.D
Acq: 14 Jan 2021 15:01

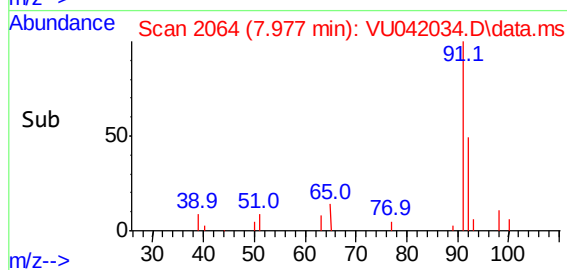
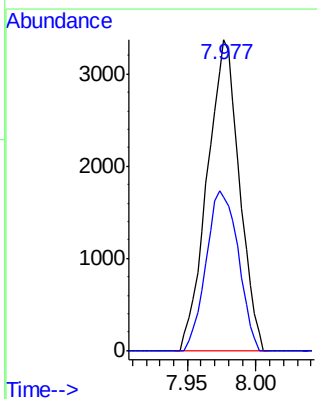
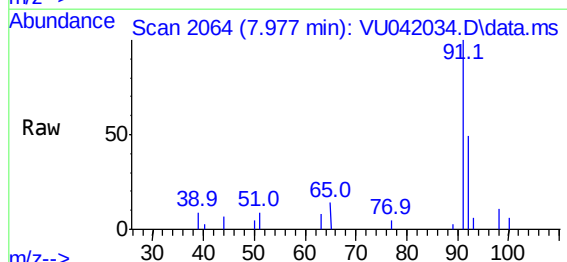
Instrument :
MSVOA_U
ClientSampled :
BFT70

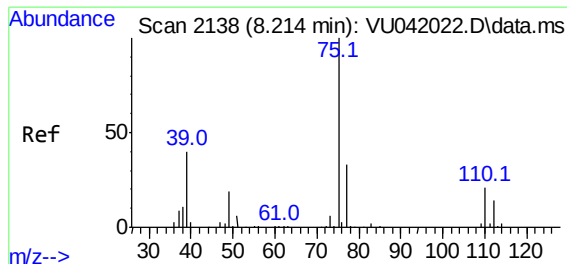
Tgt Ion: 75 Resp: 1142
Ion Ratio Lower Upper
75 100
77 38.1 21.9 40.7



#42
Toluene
Concen: 0.13 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU042034.D
Acq: 14 Jan 2021 15:01

Tgt Ion: 91 Resp: 5439
Ion Ratio Lower Upper
91 100
92 49.3 40.7 75.7



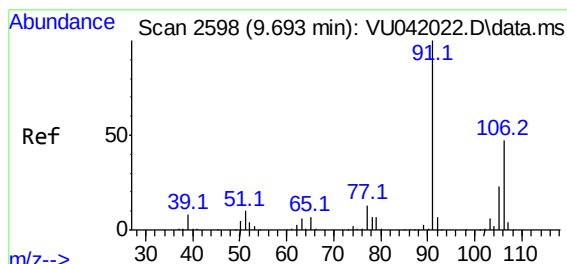
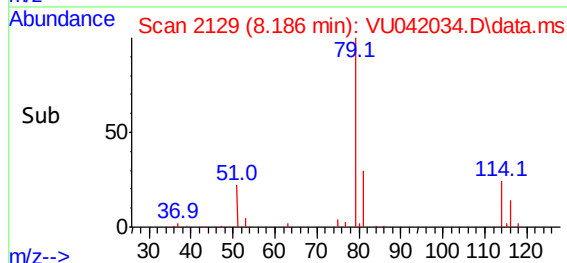
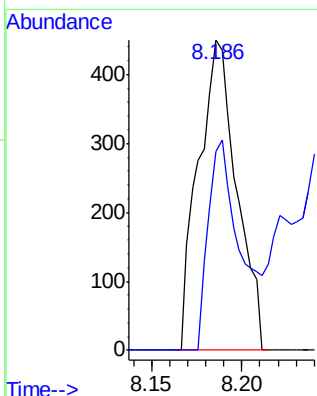
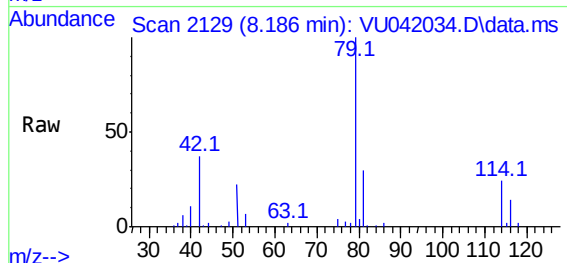


#44

trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU042034.D
Acq: 14 Jan 2021 15:01

Instrument :
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ClientSampled :
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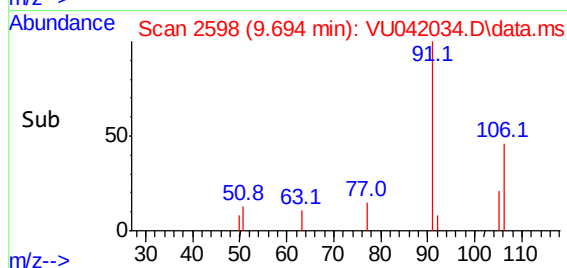
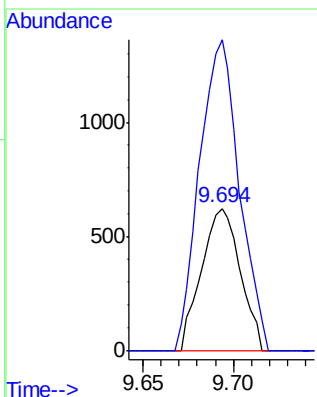
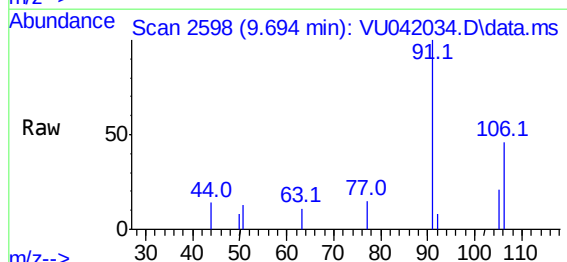
Tgt Ion: 75 Resp: 659
Ion Ratio Lower Upper
75 100
77 64.2 22.0 41.0#

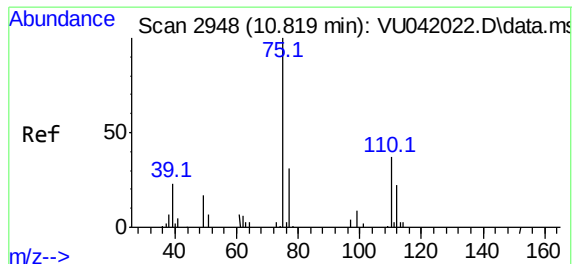


#53

m,p-Xylene
Concen: 0.06 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU042034.D
Acq: 14 Jan 2021 15:01

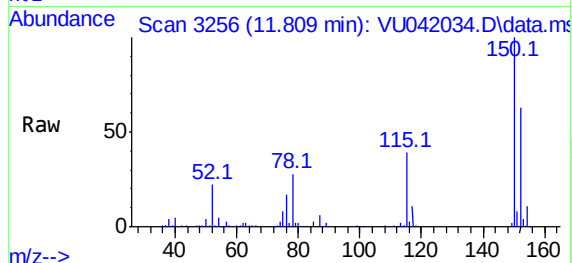
Tgt Ion: 106 Resp: 918
Ion Ratio Lower Upper
106 100
91 219.1 145.7 270.5





#59
 1,2,3-Trichloropropane
 Concen: 0.81 ug/L
 RT: 11.809 min Scan# 3256
 Delta R.T. 0.991 min
 Lab File: VU042034.D
 Acq: 14 Jan 2021 15:01

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT70



Tgt Ion: 75 Resp: 5505
 Ion Ratio Lower Upper
 75 100
 77 35.7 25.6 38.4

