

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
 Data File : VU042084.D
 Acq On : 15 Jan 2021 20:02
 Operator : SY/MD
 Sample : M1164-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXQ0

Quant Time: Jan 16 01:15:33 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)

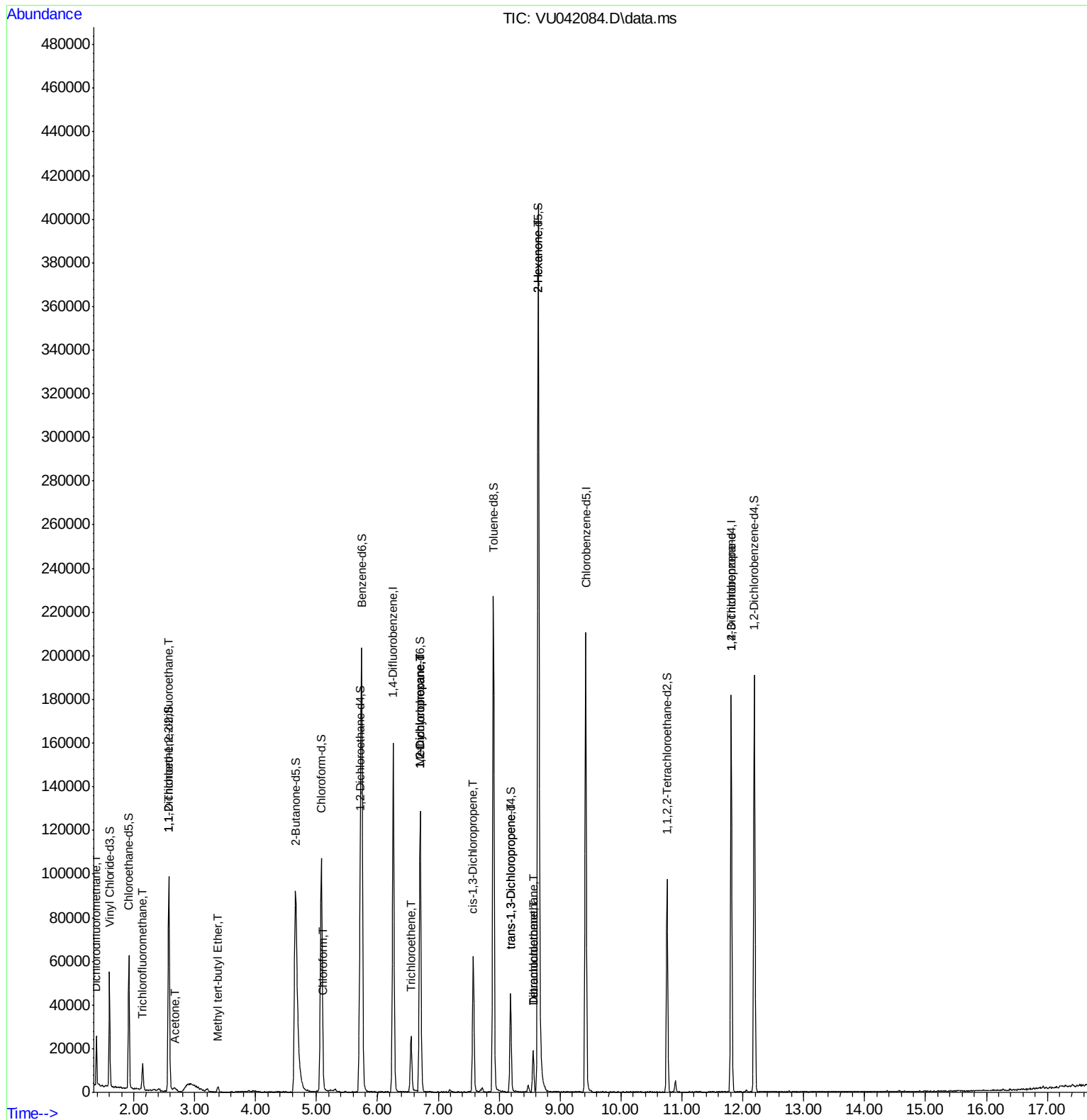
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	131302	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	118428	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	48824	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	35423	3.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.40%
7) Chloroethane-d5	1.919	69	42823	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.575	63	58370	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	4.655	46	188806	56.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.56%
24) Chloroform-d	5.079	84	103448	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.716	65	58249	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.742	84	190143	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.700	67	66608	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.902	98	154897	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloroprop...	8.185	79	26082	5.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.40%
46) 2-Hexanone-d5	8.642	63	161108	62.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.54%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	49018	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	12.188	152	51267	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	12656	1.05	ug/L	99
9) Trichlorofluoromethane	2.147	101	8229	0.42	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	531	0.05	ug/L #	21
13) Acetone	2.671	43	2612	1.26	ug/L	82
17) Methyl tert-butyl Ether	3.382	73	2581	0.10	ug/L #	86
25) Chloroform	5.105	83	1993	0.10	ug/L	90
34) Trichloroethene	6.552	95	9174	0.84	ug/L	95
35) Methylcyclohexane	6.703	83	14880	0.86	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	6715	0.59	ug/L #	90
39) cis-1,3-Dichloropropene	7.571	75	1509	0.09	ug/L #	39
44) trans-1,3-Dichloropropene	8.185	75	1162	0.08	ug/L	91
47) Tetrachloroethene	8.558	164	4124	0.58	ug/L	76
48) 2-Hexanone	8.642	43	18834	3.55	ug/L #	68
49) Dibromochloromethane	8.558	129	4403	0.50	ug/L #	11
59) 1,2,3-Trichloropropane	11.809	75	5596	0.75	ug/L	98

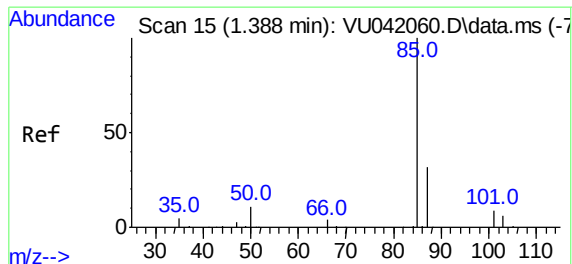
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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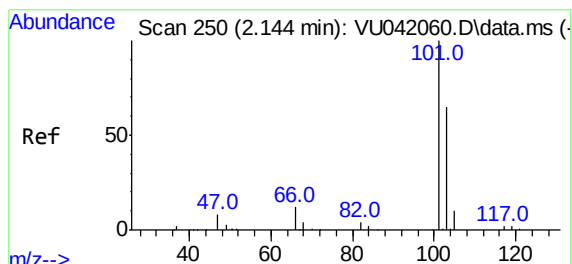
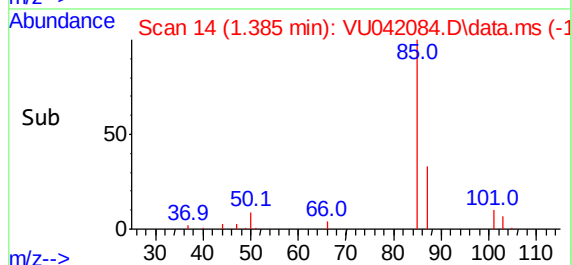
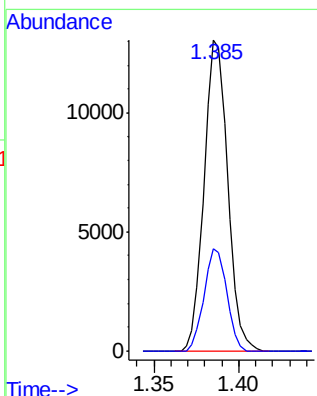
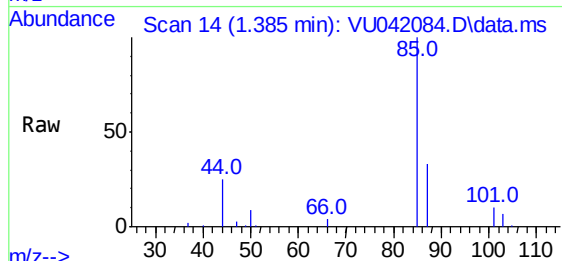




#2
Dichlorodifluoromethane
Concen: 1.05 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU042084.D
Acq: 15 Jan 2021 20:02

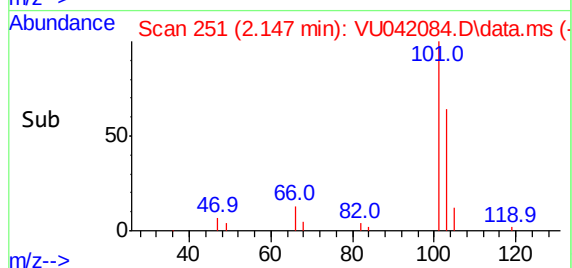
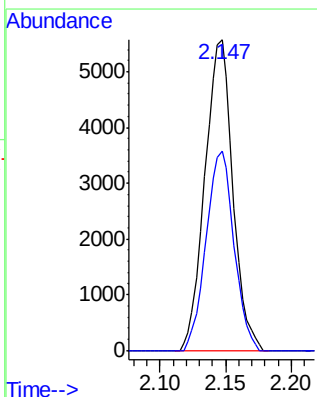
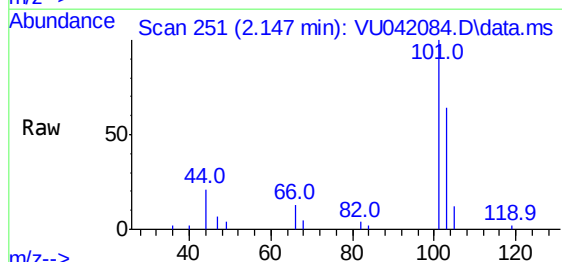
Instrument :
MSVOA_U
ClientSampled :
BFXQ0

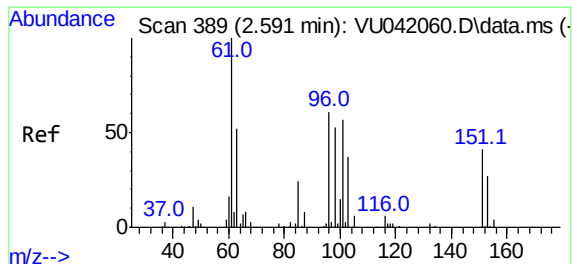
Tgt Ion: 85 Resp: 12656
Ion Ratio Lower Upper
85 100
87 31.4 25.7 38.5



#9
Trichlorofluoromethane
Concen: 0.42 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU042084.D
Acq: 15 Jan 2021 20:02

Tgt Ion:101 Resp: 8229
Ion Ratio Lower Upper
101 100
103 64.0 51.6 77.4

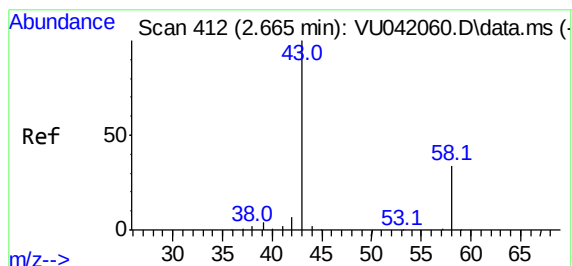
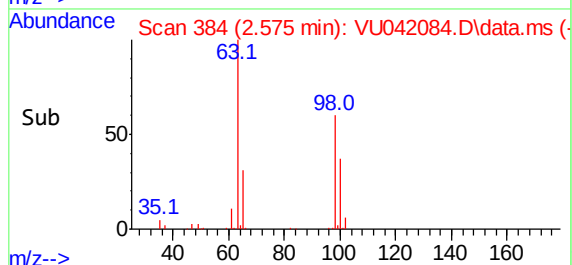
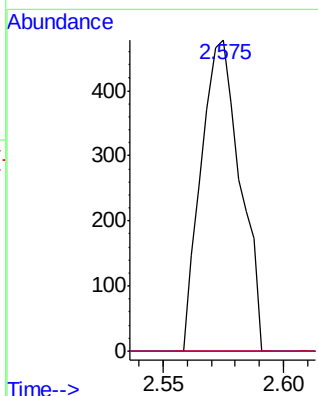
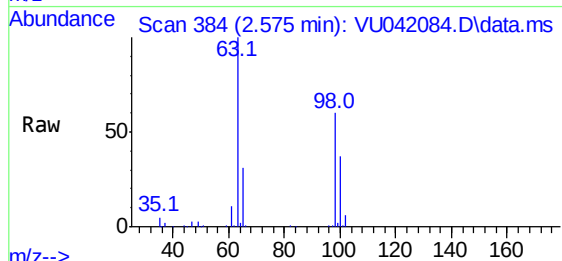




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.05 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.016 min
 Lab File: VU042084.D
 Acq: 15 Jan 2021 20:02

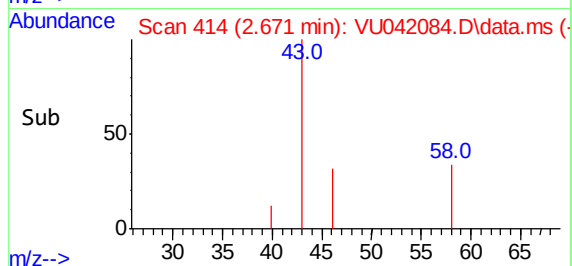
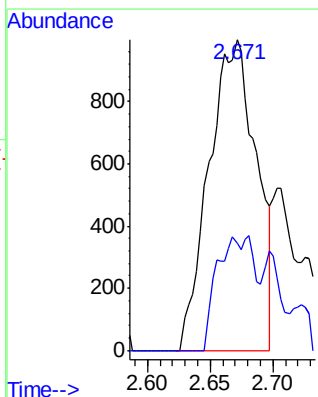
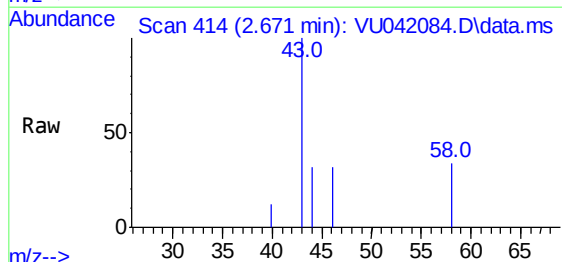
Instrument :
 MSVOA_U
 ClientSampleId :
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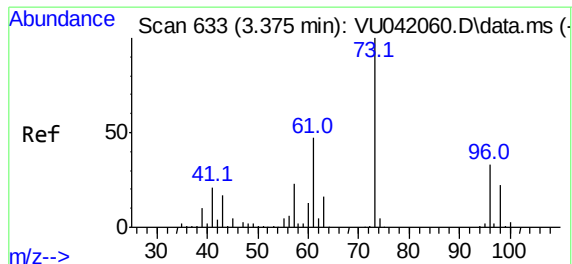
Tgt Ion:101 Resp: 531
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.9 53.9#
 151 0.0 55.4 83.2#



#13
 Acetone
 Concen: 1.26 ug/L
 RT: 2.671 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VU042084.D
 Acq: 15 Jan 2021 20:02

Tgt Ion: 43 Resp: 2612
 Ion Ratio Lower Upper
 43 100
 58 19.2 0.0 57.4

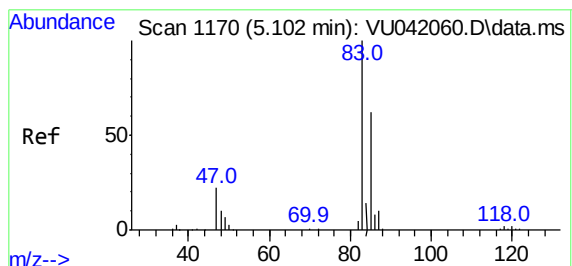
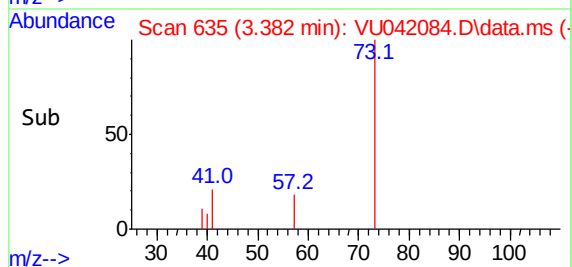
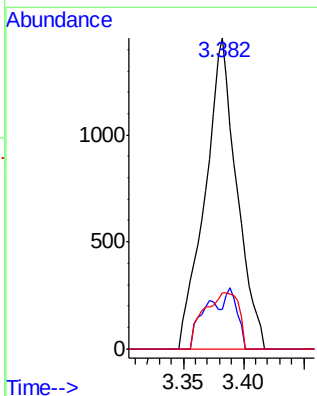
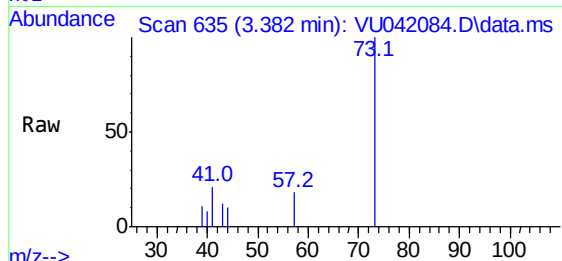




#17
Methyl tert-butyl Ether
Concen: 0.10 ug/L
RT: 3.382 min Scan# 635
Delta R.T. 0.006 min
Lab File: VU042084.D
Acq: 15 Jan 2021 20:02

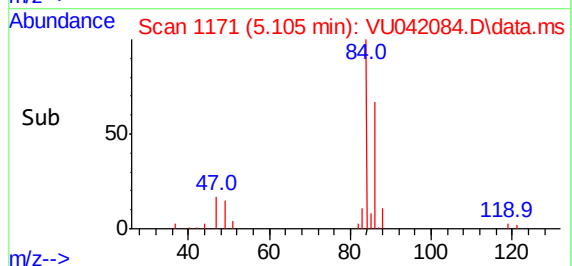
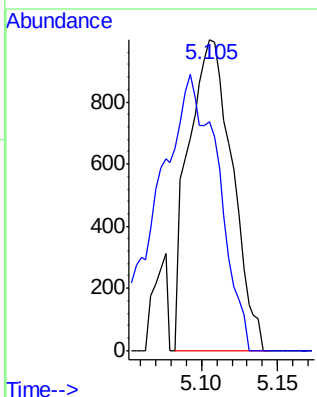
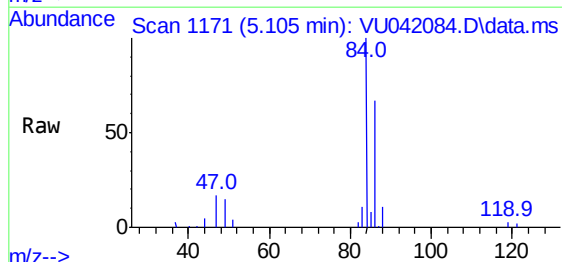
Instrument :
MSVOA_U
ClientSampled :
BFXQ0

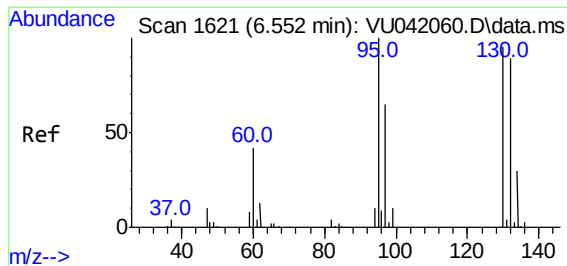
Tgt Ion: 73 Resp: 2581
Ion Ratio Lower Upper
73 100
43 7.8 15.1 22.7#
57 20.0 18.0 27.0



#25
Chloroform
Concen: 0.10 ug/L
RT: 5.105 min Scan# 1171
Delta R.T. 0.003 min
Lab File: VU042084.D
Acq: 15 Jan 2021 20:02

Tgt Ion: 83 Resp: 1993
Ion Ratio Lower Upper
83 100
85 73.5 46.1 85.7



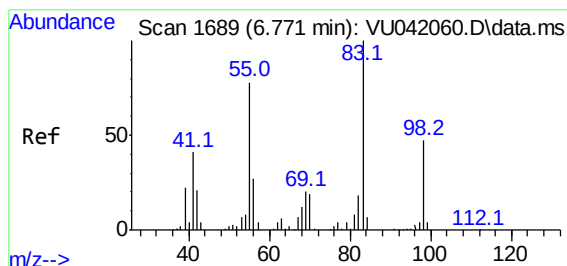
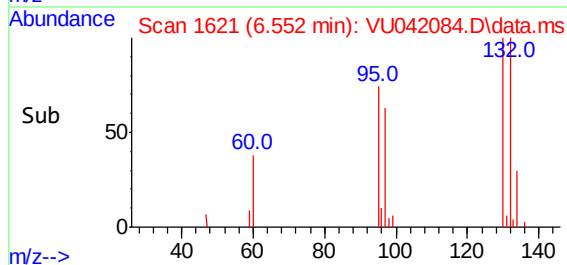
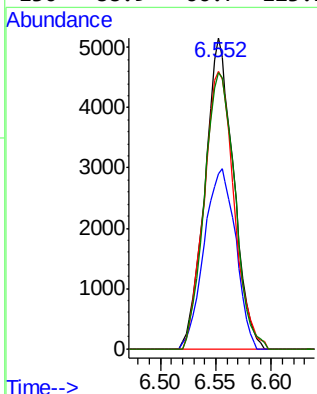
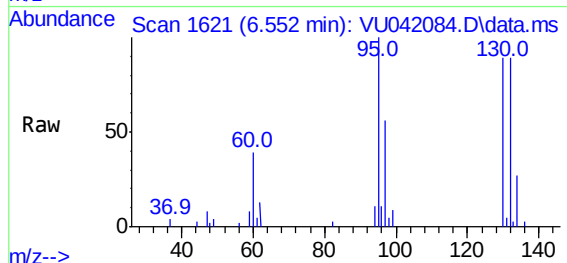


#34
Trichloroethene
Concen: 0.84 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042084.D
Acq: 15 Jan 2021 20:02

Instrument :
MSVOA_U
ClientSampleId :
BFXQ0

Tgt Ion: 95 Resp: 9174

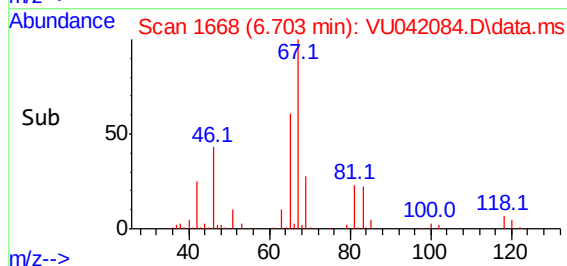
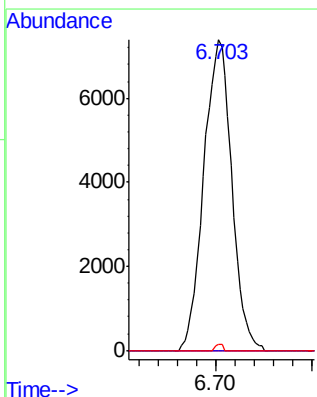
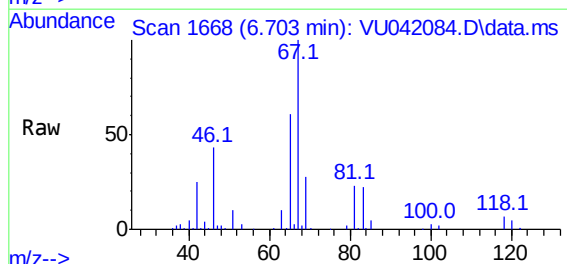
Ion	Ratio	Lower	Upper
95	100		
97	56.4	43.6	81.0
132	89.4	64.3	119.3
130	88.9	66.7	123.9

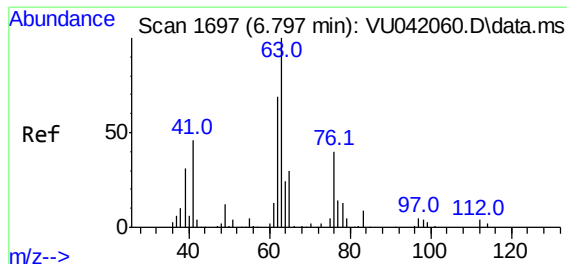


#35
Methylcyclohexane
Concen: 0.86 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.068 min
Lab File: VU042084.D
Acq: 15 Jan 2021 20:02

Tgt Ion: 83 Resp: 14880

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.8	100.2#
98	0.5	35.7	53.5#

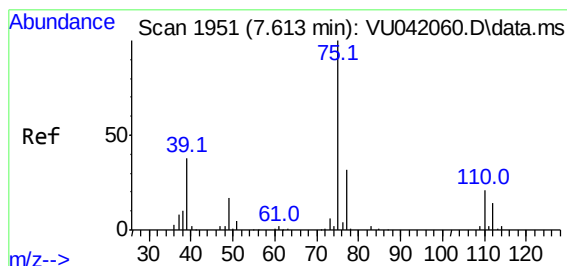
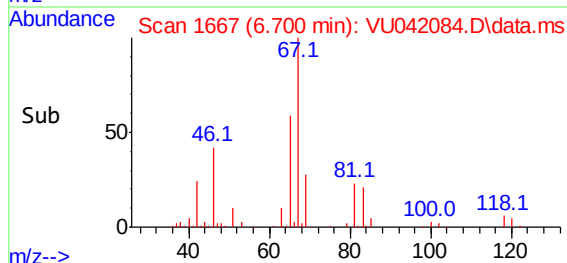
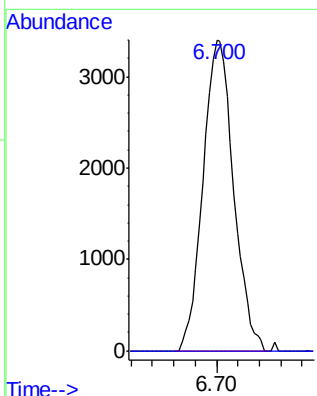
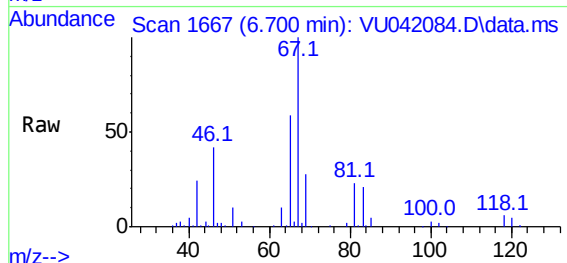




#37
1,2-Dichloropropane
Concen: 0.59 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.097 min
Lab File: VU042084.D
Acq: 15 Jan 2021 20:02

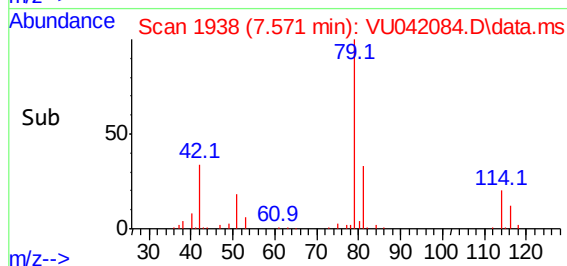
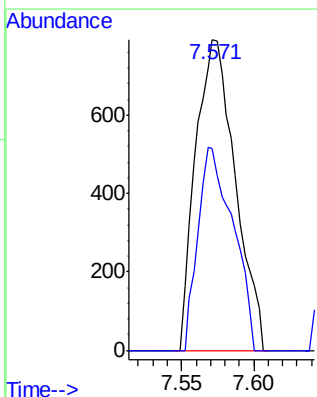
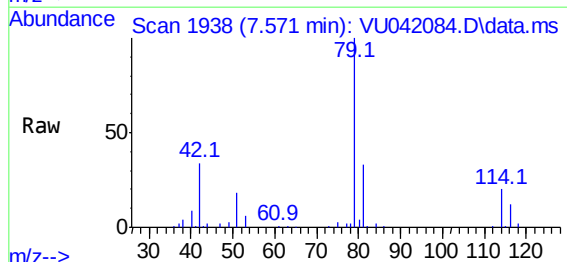
Instrument :
MSVOA_U
ClientSampled :
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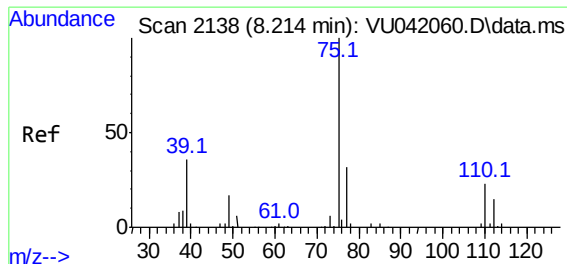
Tgt Ion: 63 Resp: 6715
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU042084.D
Acq: 15 Jan 2021 20:02

Tgt Ion: 75 Resp: 1509
Ion Ratio Lower Upper
75 100
77 64.9 21.9 40.7#



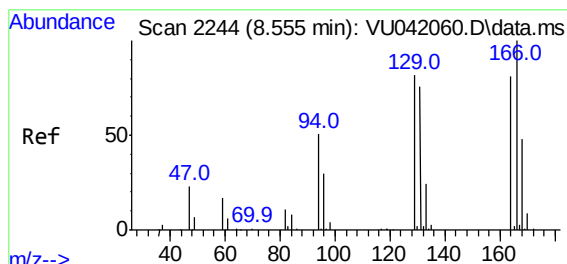
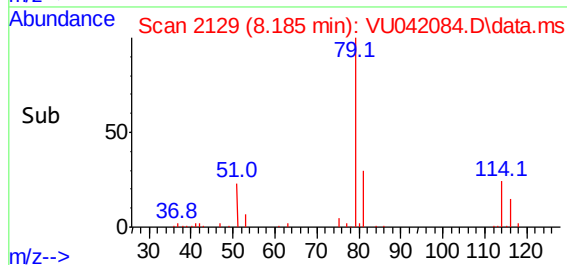
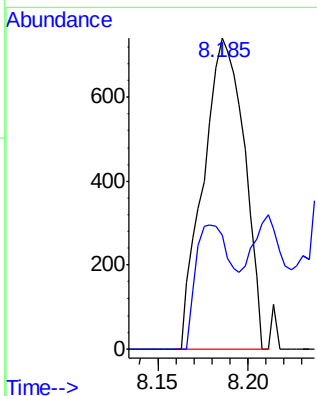
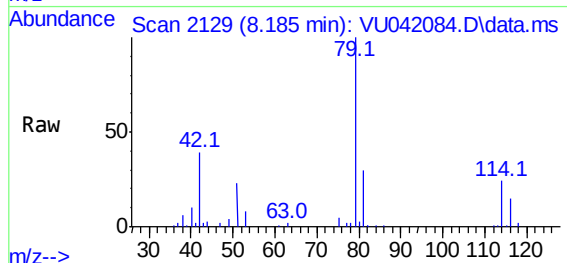


#44

trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU042084.D
Acq: 15 Jan 2021 20:02

Instrument :
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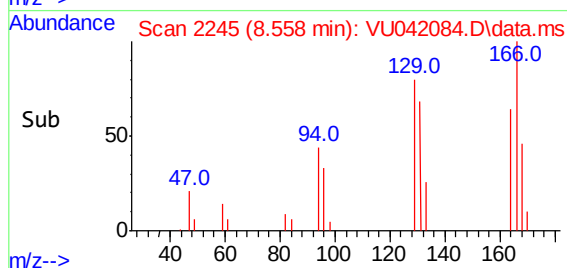
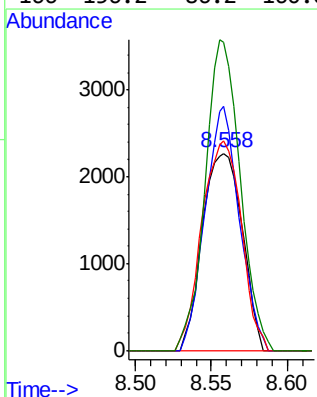
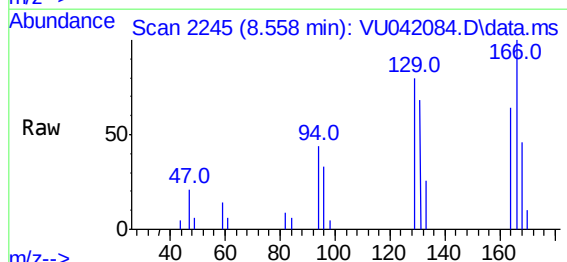
Tgt Ion: 75 Resp: 1162
Ion Ratio Lower Upper
75 100
77 36.4 22.0 41.0

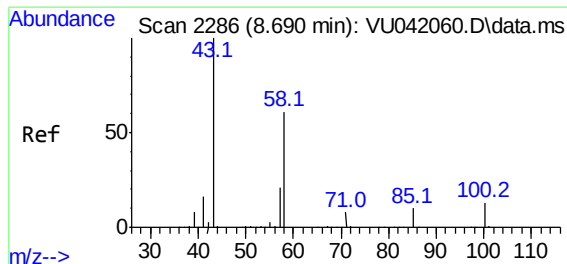


#47

Tetrachloroethene
Concen: 0.58 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU042084.D
Acq: 15 Jan 2021 20:02

Tgt Ion: 164 Resp: 4124
Ion Ratio Lower Upper
164 100
129 124.2 68.7 127.5
131 106.7 65.2 121.0
166 156.2 86.2 160.0



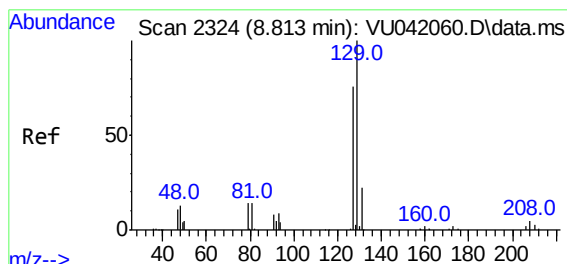
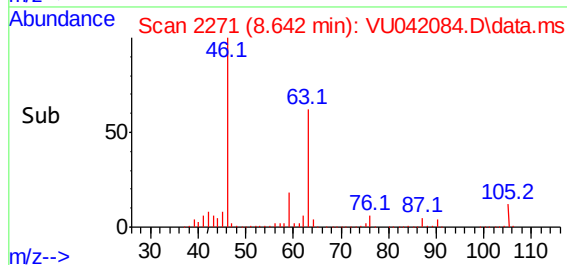
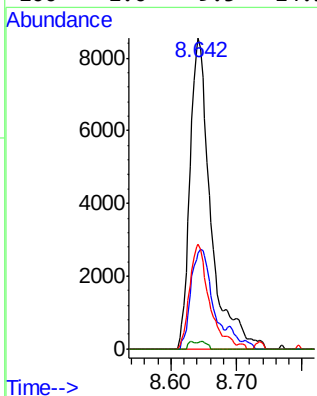
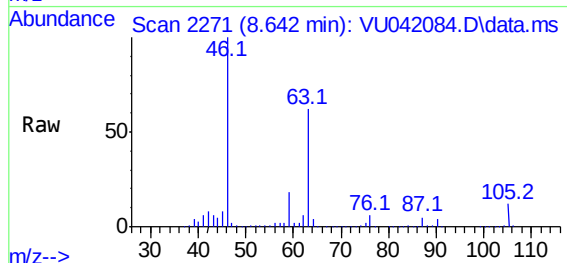


#48
2-Hexanone
Concen: 3.55 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.048 min
Lab File: VU042084.D
Acq: 15 Jan 2021 20:02

Instrument :
MSVOA_U
ClientSampleId :
BFXQ0

Tgt Ion: 43 Resp: 18834

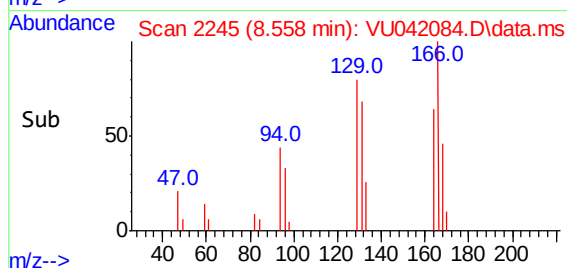
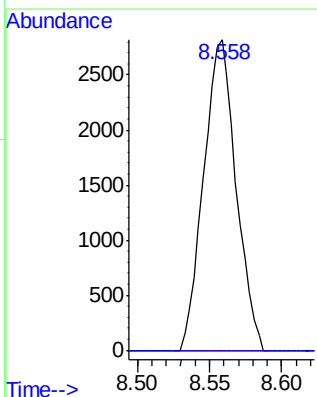
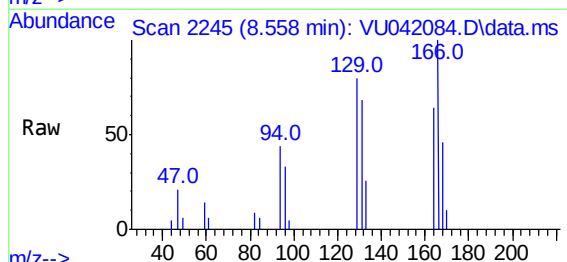
Ion	Ratio	Lower	Upper
43	100		
58	32.3	47.8	71.8#
57	32.0	17.4	26.0#
100	1.0	9.5	14.3#

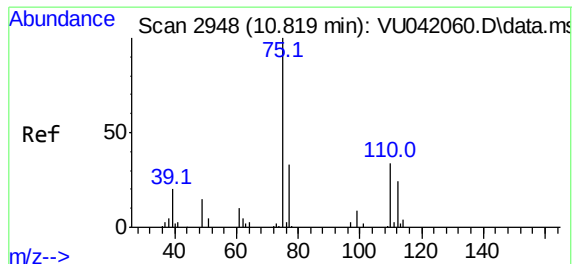


#49
Dibromochloromethane
Concen: 0.50 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.254 min
Lab File: VU042084.D
Acq: 15 Jan 2021 20:02

Tgt Ion: 129 Resp: 4403

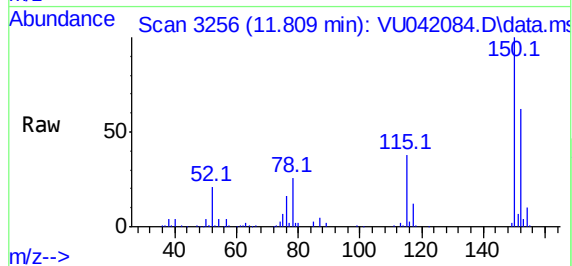
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.7	99.7#





#59
 1,2,3-Trichloropropane
 Concen: 0.75 ug/L
 RT: 11.809 min Scan# 3256
 Delta R.T. 0.990 min
 Lab File: VU042084.D
 Acq: 15 Jan 2021 20:02

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXQ0



Tgt Ion: 75 Resp: 5596
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.6 38.4

