

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043120.D
 Acq On : 15 Apr 2021 14:56
 Operator : SY/MD
 Sample : M1986-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 05:36:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 05:01:39 2021
 Response via : Initial Calibration

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

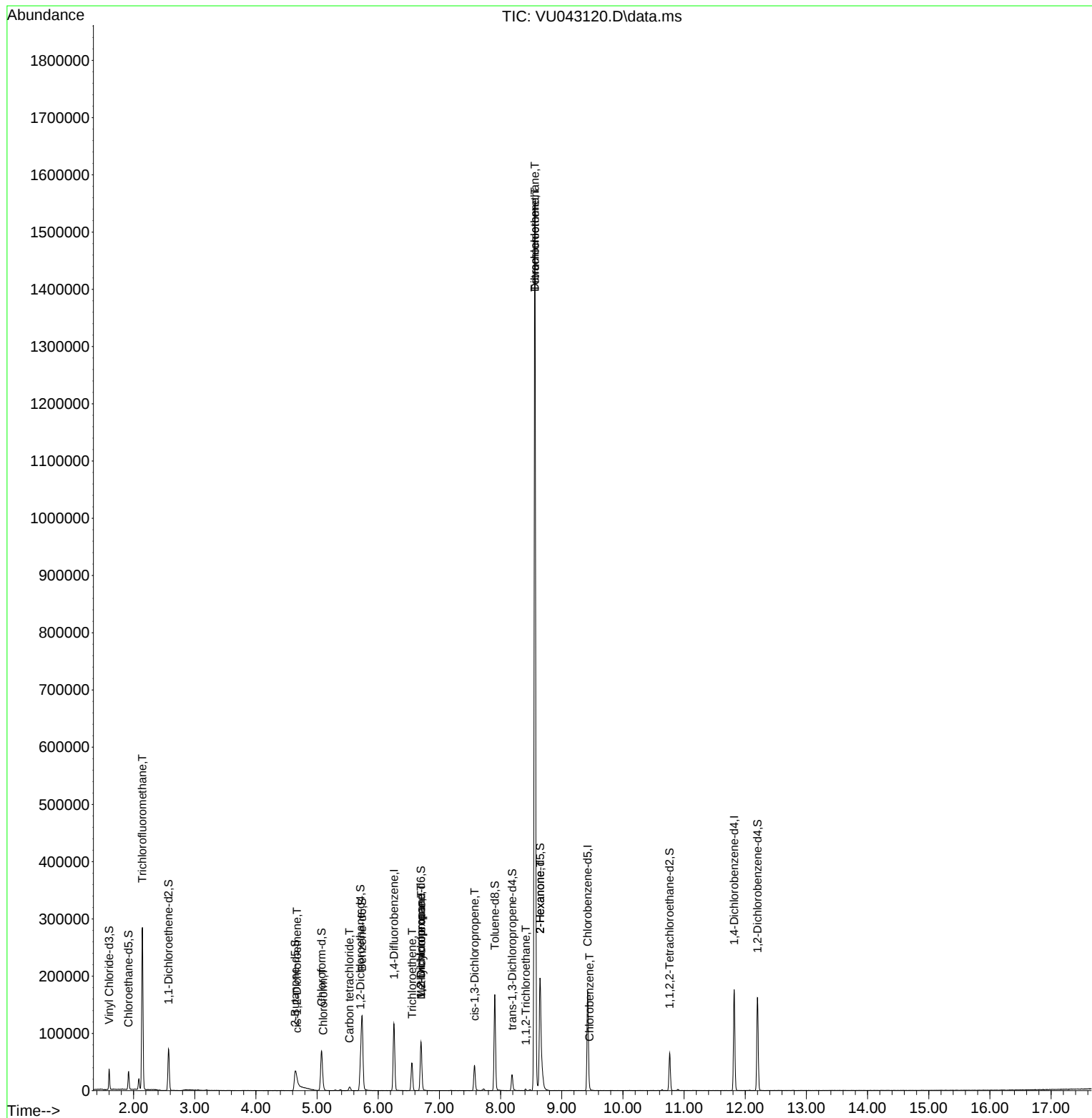
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	88738	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	87755	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	42658	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	23825	5.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	1.916	69	21120	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.572	65	14136	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.20%
20) 2-Butanone-d5	4.642	46	73542	37.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.32%
24) Chloroform-d	5.073	84	58848	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.710	65	38330	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.736	84	107043	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.700	67	35952	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.906	98	102845	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloroprop...	8.189	79	15641	5.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.60%
46) 2-Hexanone-d5	8.645	63	80344	53.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.66%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	29958	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	40456	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.144	101	176656	16.26	ug/L	100
22) cis-1,2-Dichloroethene	4.671	96	1657	0.27	ug/L	94
25) Chloroform	5.099	83	4080	0.33	ug/L	100
31) Carbon tetrachloride	5.530	117	4043	0.45	ug/L	96
34) Trichloroethene	6.552	95	15179	2.35	ug/L	97
35) Methylcyclohexane	6.703	83	8197	0.92	ug/L #	25
37) 1,2-Dichloropropane	6.697	63	4625	0.70	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1206	0.12	ug/L #	79
45) 1,1,2-Trichloroethane	8.411	97	951	0.19	ug/L #	79
47) Tetrachloroethene	8.562	164	320596	62.57	ug/L	95
48) 2-Hexanone	8.645	43	12445	2.86	ug/L #	61
49) Dibromochloromethane	8.562	129	290715	46.68	ug/L #	9
51) Chlorobenzene	9.456	112	1106	0.07	ug/L	86

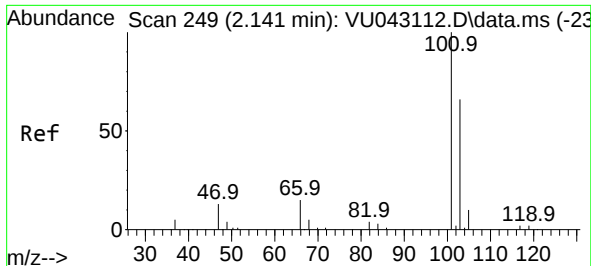
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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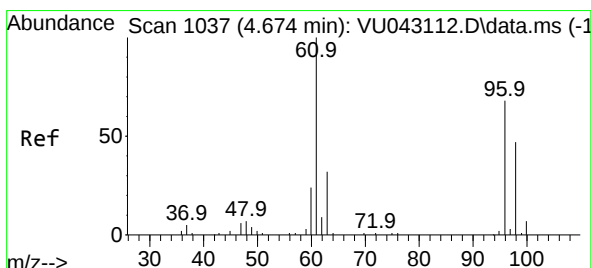
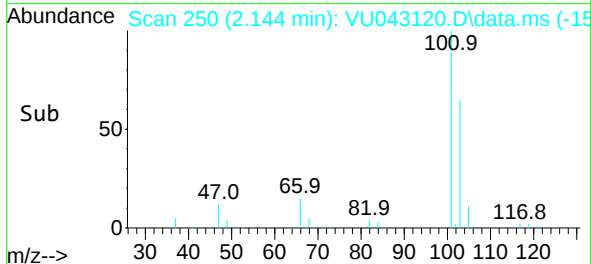
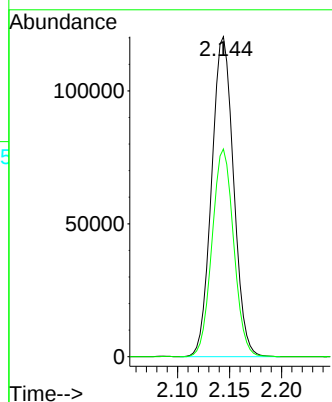
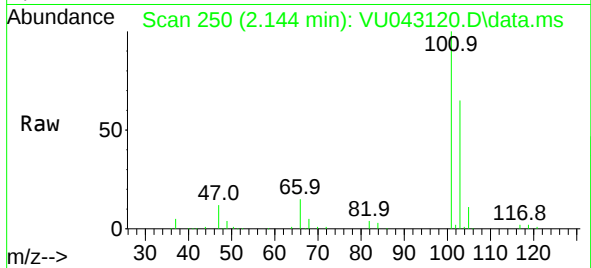




#9
 Trichlorofluoromethane
 Concen: 16.26 ug/L
 RT: 2.144 min Scan# 250
 Delta R.T. 0.003 min
 Lab File: VU043120.D
 Acq: 15 Apr 2021 14:56

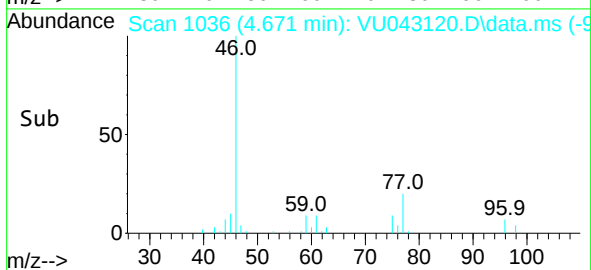
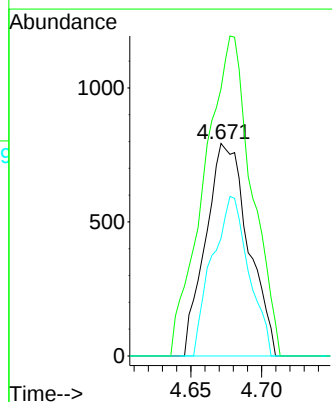
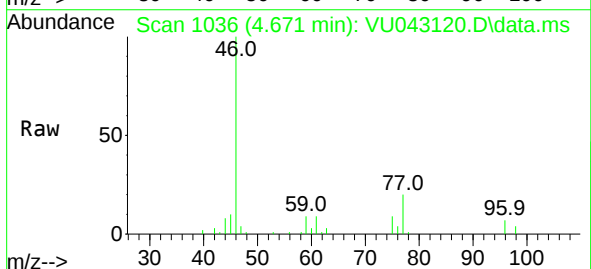
Instrument :
 MSVOA_U
 ClientSampled :

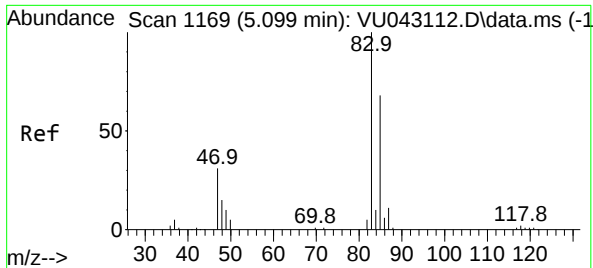
Tgt Ion:101 Resp: 176656
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.5 77.3



#22
 cis-1,2-Dichloroethene
 Concen: 0.27 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU043120.D
 Acq: 15 Apr 2021 14:56

Tgt Ion: 96 Resp: 1657
 Ion Ratio Lower Upper
 96 100
 61 125.7 87.4 162.4
 98 55.4 47.7 88.5

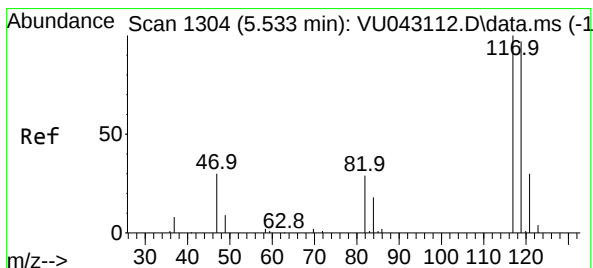
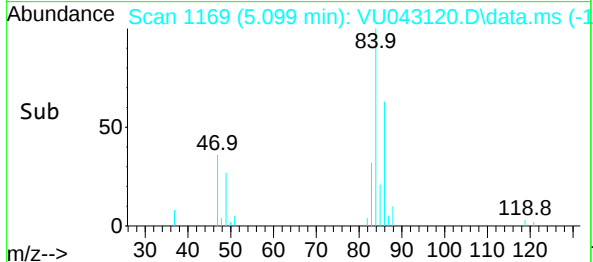
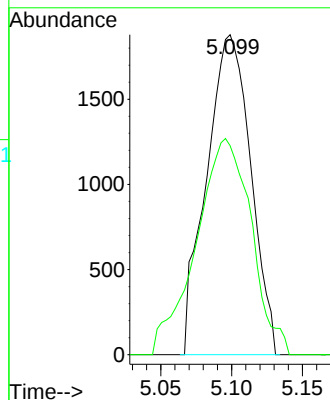
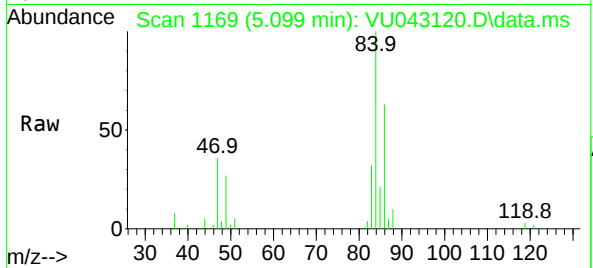




#25
Chloroform
Concen: 0.33 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043120.D
Acq: 15 Apr 2021 14:56

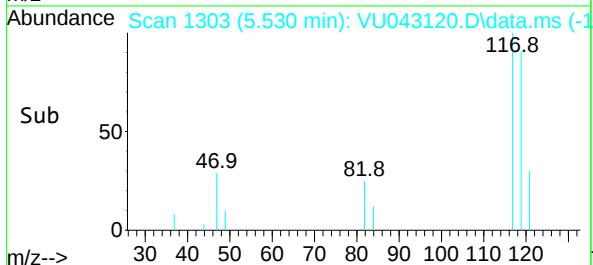
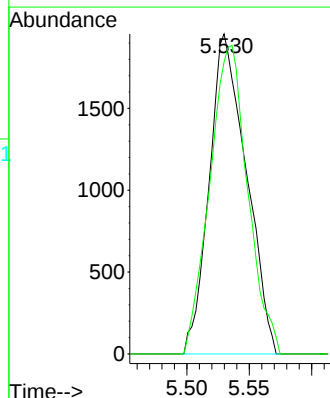
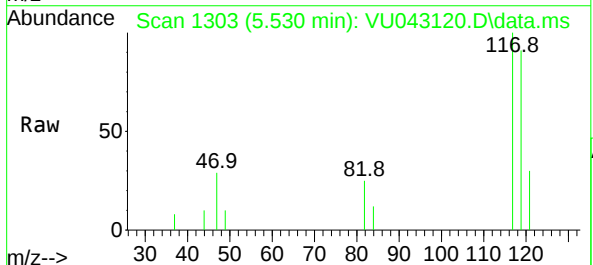
Instrument :
MSVOA_U
ClientSampled :

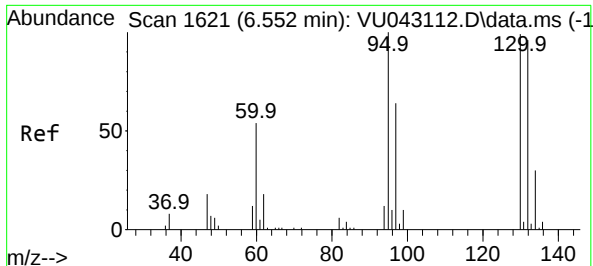
Tgt Ion: 83 Resp: 4080
Ion Ratio Lower Upper
83 100
85 65.3 45.6 84.8



#31
Carbon tetrachloride
Concen: 0.45 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.003 min
Lab File: VU043120.D
Acq: 15 Apr 2021 14:56

Tgt Ion: 117 Resp: 4043
Ion Ratio Lower Upper
117 100
119 98.7 76.2 114.4



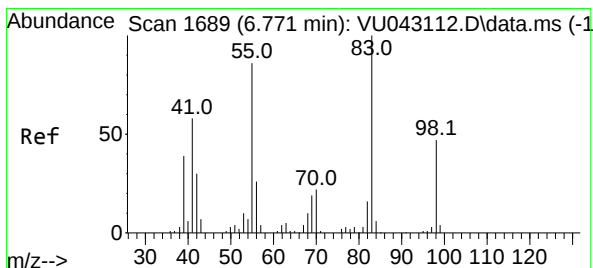
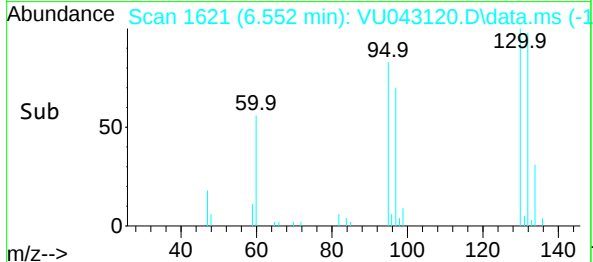
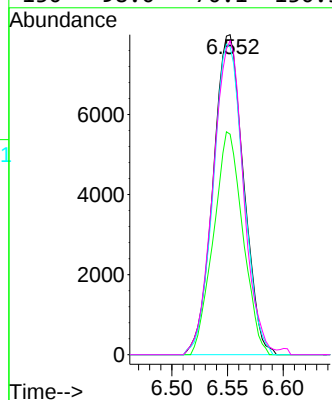
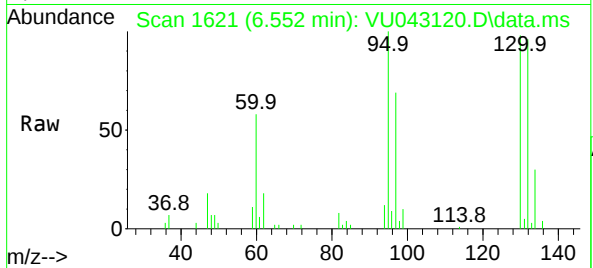


#34
Trichloroethene
Concen: 2.35 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU043120.D
Acq: 15 Apr 2021 14:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 15179

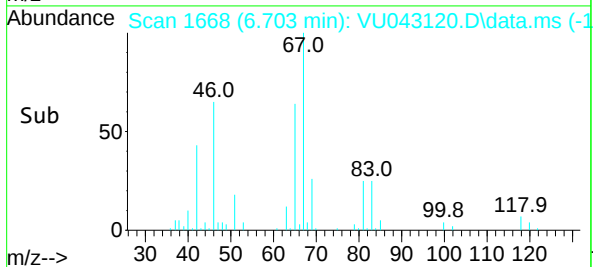
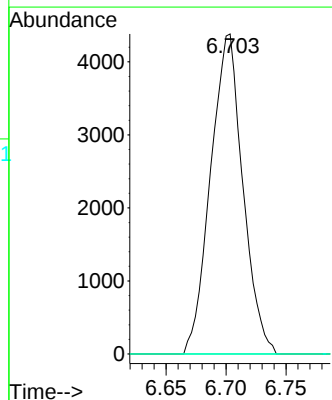
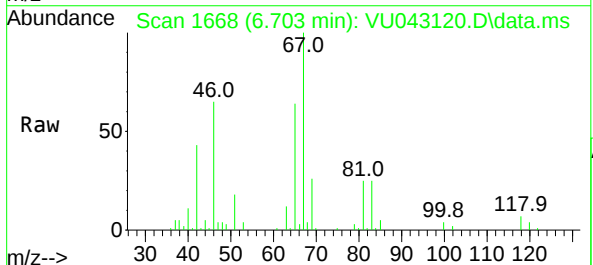
Ion	Ratio	Lower	Upper
95	100		
97	68.9	45.8	85.2
132	96.1	68.7	127.7
130	98.0	70.1	130.3

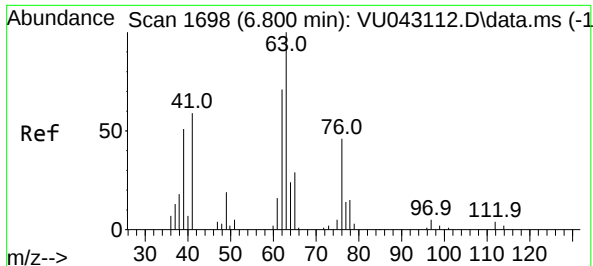


#35
Methylcyclohexane
Concen: 0.92 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.067 min
Lab File: VU043120.D
Acq: 15 Apr 2021 14:56

Tgt Ion: 83 Resp: 8197

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	11.3	37.9	56.9#



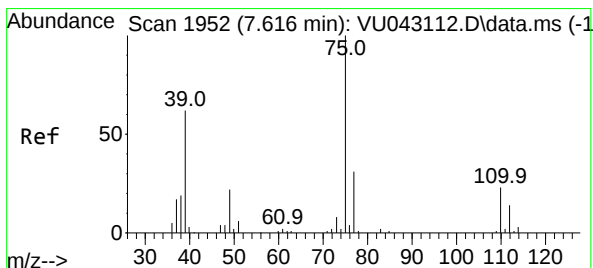
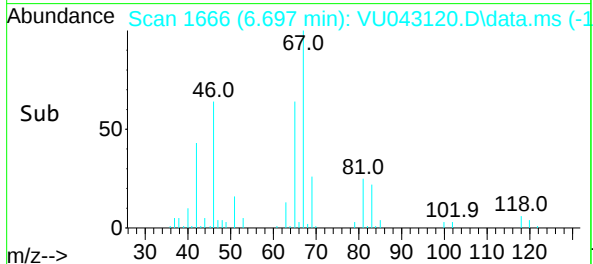
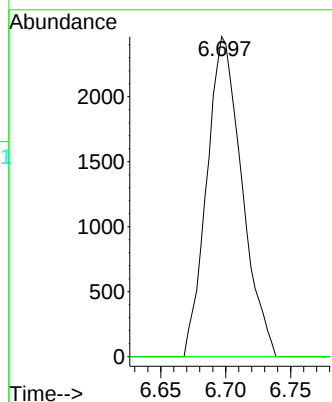
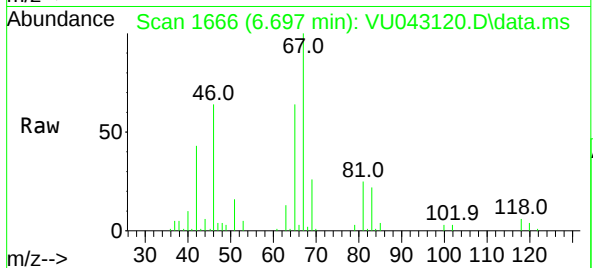


#37

1,2-Dichloropropane
Concen: 0.70 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU043120.D
Acq: 15 Apr 2021 14:56

Instrument :
MSVOA_U
ClientSampled :

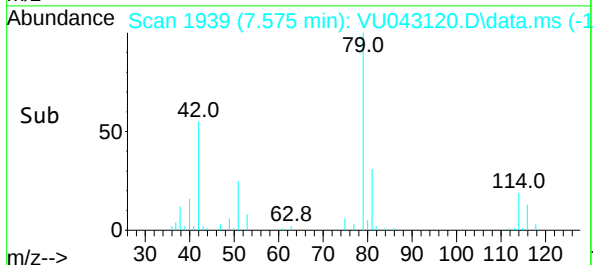
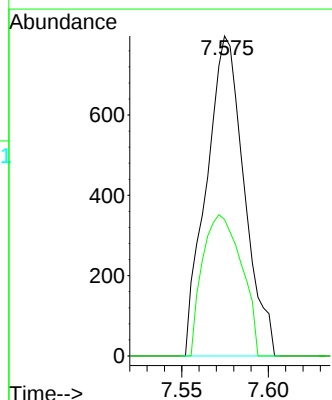
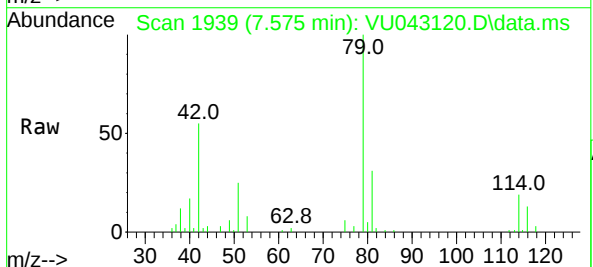
Tgt Ion: 63 Resp: 4625
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

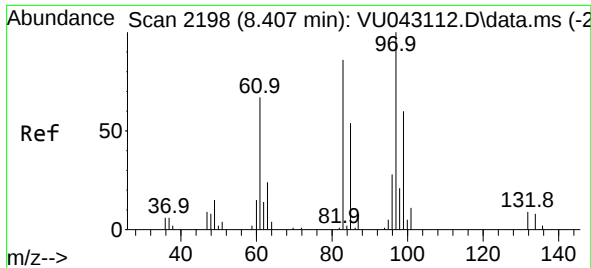


#39

cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043120.D
Acq: 15 Apr 2021 14:56

Tgt Ion: 75 Resp: 1206
Ion Ratio Lower Upper
75 100
77 42.7 21.8 40.6#

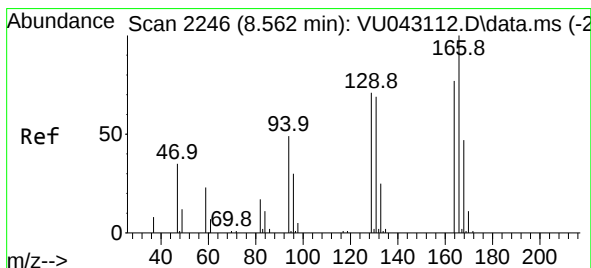
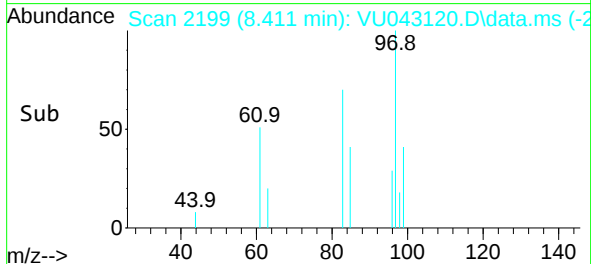
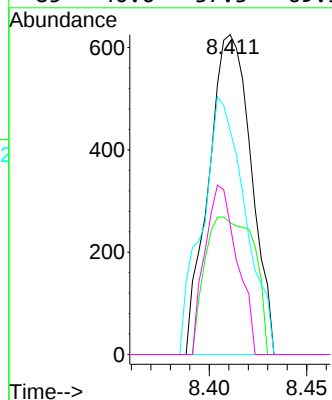
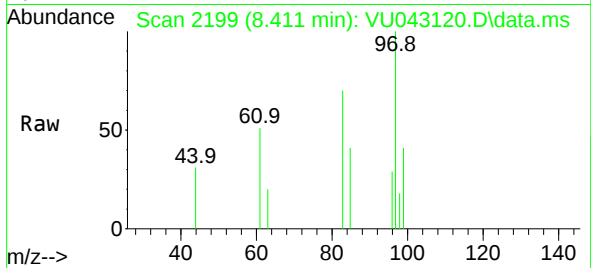




#45
1,1,2-Trichloroethane
Concen: 0.19 ug/L
RT: 8.411 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VU043120.D
Acq: 15 Apr 2021 14:56

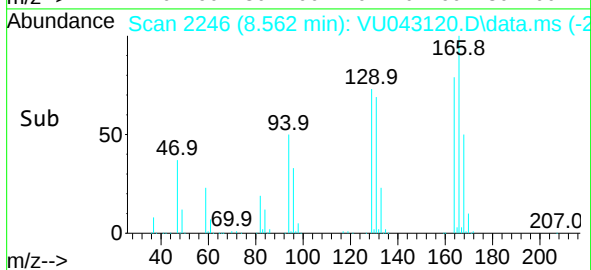
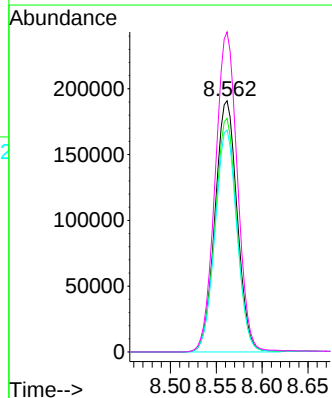
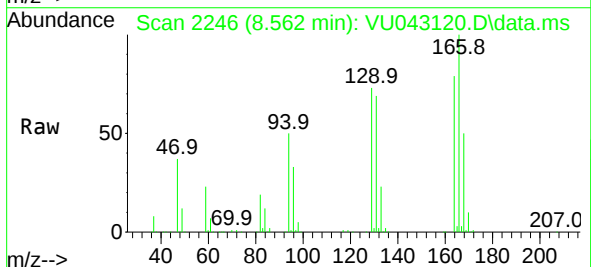
Instrument :
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ClientSampleId :

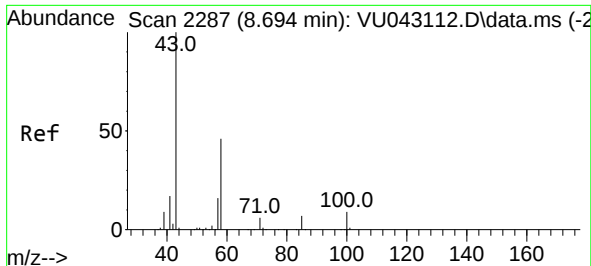
Tgt Ion:	97	Resp:	951
Ion	Ratio	Lower	Upper
97	100		
99	41.3	44.2	82.0#
83	70.1	60.1	111.7
85	40.6	37.3	69.3



#47
Tetrachloroethene
Concen: 62.57 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043120.D
Acq: 15 Apr 2021 14:56

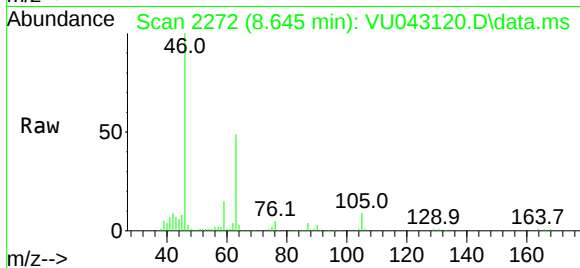
Tgt Ion:	164	Resp:	320596
Ion	Ratio	Lower	Upper
164	100		
129	93.0	66.6	123.8
131	88.3	65.9	122.3
166	127.3	93.7	173.9



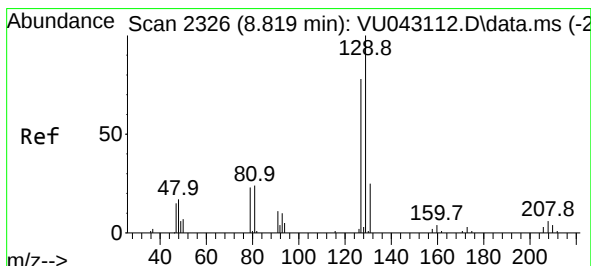
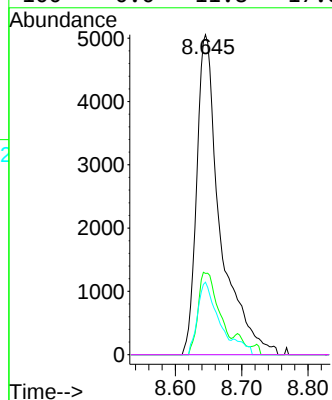
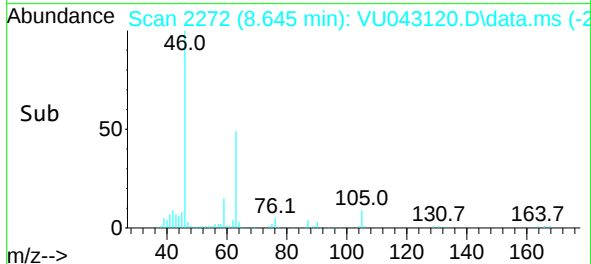


#48
2-Hexanone
Concen: 2.86 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU043120.D
Acq: 15 Apr 2021 14:56

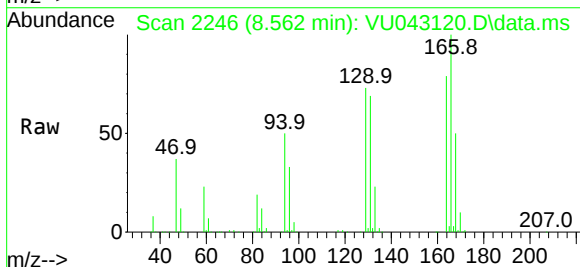
Instrument :
MSVOA_U
ClientSampleId :



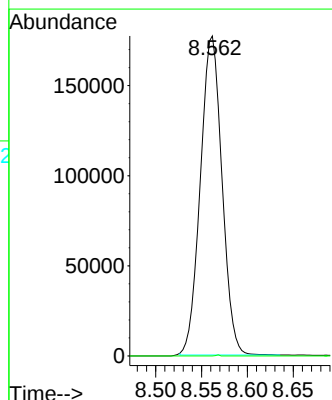
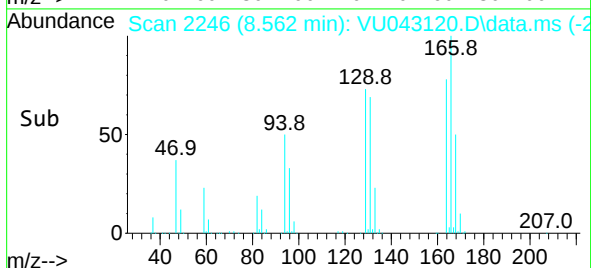
Tgt Ion: 43 Resp: 12445
Ion Ratio Lower Upper
43 100
58 22.5 50.0 75.0#
57 19.0 17.4 26.0
100 0.0 11.8 17.8#

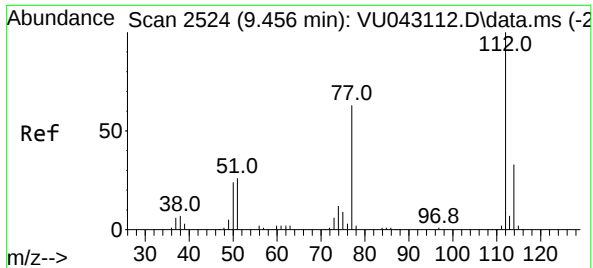


#49
Dibromochloromethane
Concen: 46.68 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043120.D
Acq: 15 Apr 2021 14:56



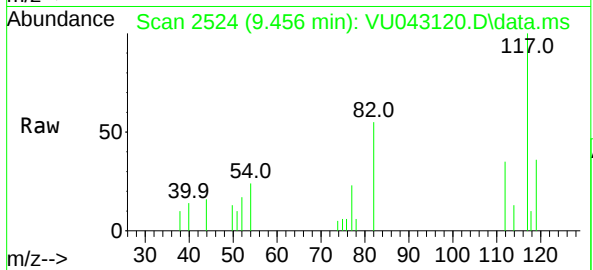
Tgt Ion: 129 Resp: 290715
Ion Ratio Lower Upper
129 100
127 0.0 56.6 105.2#





#51
Chlorobenzene
Concen: 0.07 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU043120.D
Acq: 15 Apr 2021 14:56

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	112	Resp:	1106
Ion	Ratio	Lower	Upper
112	100		
114	38.7	21.9	40.7
77	66.8	45.1	67.7

