

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043121.D
 Acq On : 15 Apr 2021 15:19
 Operator : SY/MD
 Sample : M1986-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT5

Manual Integrations
 APPROVED

MMDadoda
 4/19/2021 10:19:23 AM

Quant Time: Apr 16 05:36:31 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	6.260	114	88578	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	88910	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	42770	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	22825	5.07	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.40%			
7) Chloroethane-d5	1.919	69	21238	5.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.20%			
11) 1,1-Dichloroethene-d2	2.575	65	14377	5.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 110.40%			
20) 2-Butanone-d5	4.645	46	105014m	53.16	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.32%			
24) Chloroform-d	5.073	84	58076	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.40%			
26) 1,2-Dichloroethane-d4	5.713	65	38479	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%			
32) Benzene-d6	5.735	84	107159	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.60%			
36) 1,2-Dichloropropane-d6	6.700	67	35549	5.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.60%			
41) Toluene-d8	7.906	98	100240	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.20%			
43) trans-1,3-Dichloroprop...	8.185	79	15048	4.96	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.20%			
46) 2-Hexanone-d5	8.645	63	78058	51.62	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.24%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	30684	5.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.60%			
66) 1,2-Dichlorobenzene-d4	12.201	152	39647	5.41	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.20%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	178862	16.49	ug/L	100
22) cis-1,2-Dichloroethene	4.681	96	6789	1.09	ug/L	86
25) Chloroform	5.099	83	3462	0.28	ug/L	100
31) Carbon tetrachloride	5.533	117	3806	0.42	ug/L	99
34) Trichloroethene	6.552	95	30878	4.72	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	718	0.14	ug/L #	80
47) Tetrachloroethene	8.562	164	254451	49.02	ug/L	95
51) Chlorobenzene	9.456	112	929	0.05	ug/L	88

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

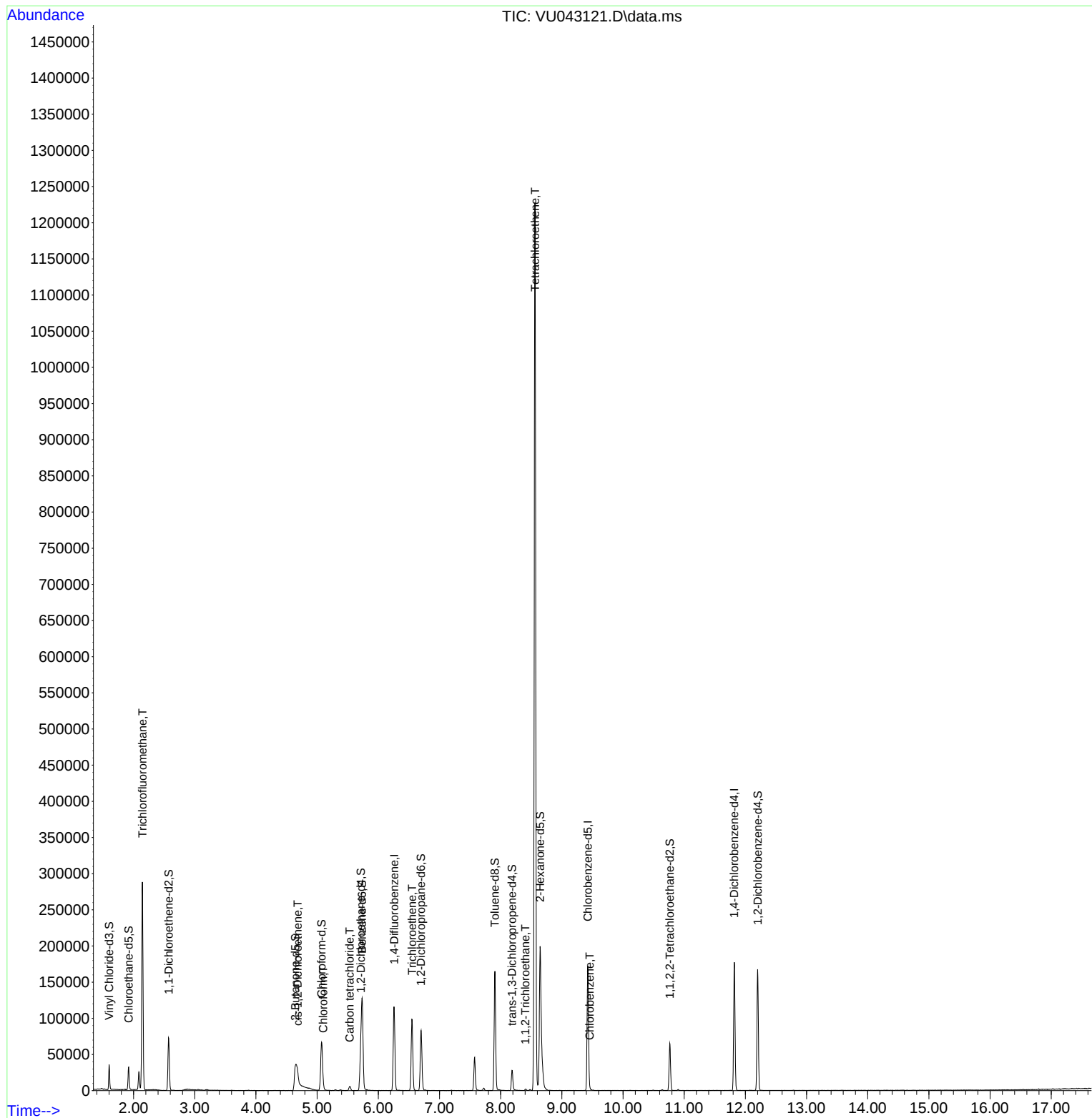
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
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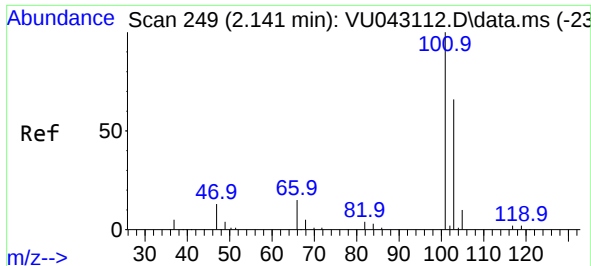
Instrument :
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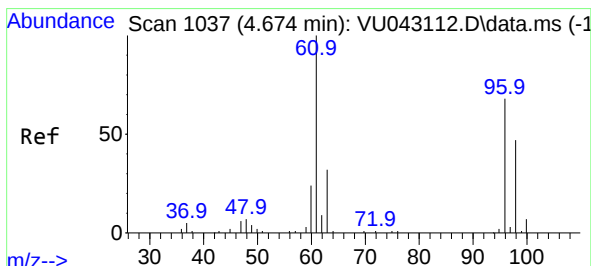
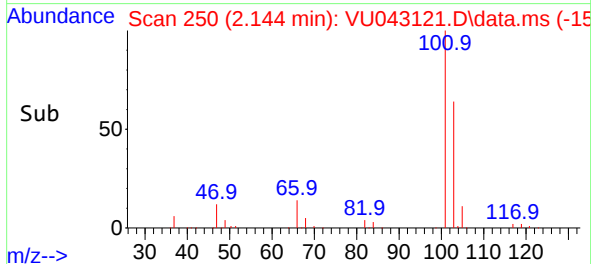
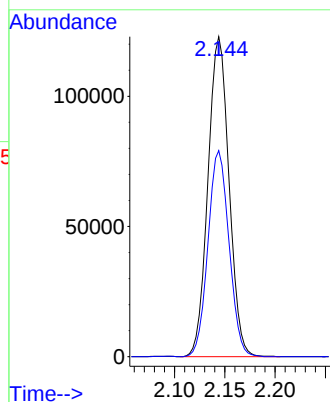
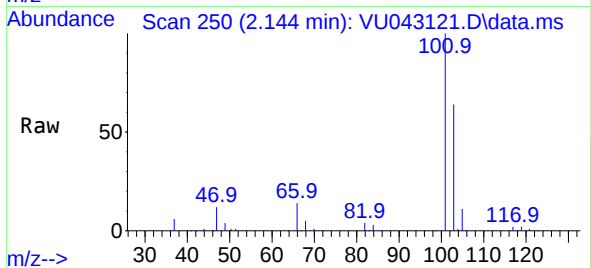
#9
 Trichlorofluoromethane
 Concen: 16.49 ug/L
 RT: 2.144 min Scan# 250
 Delta R.T. 0.003 min
 Lab File: VU043121.D
 Acq: 15 Apr 2021 15:19

Tgt Ion:101 Resp: 178862
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.5 77.3

Instrument :
 MSVOA_U
 ClientSampled :
 C0AT5

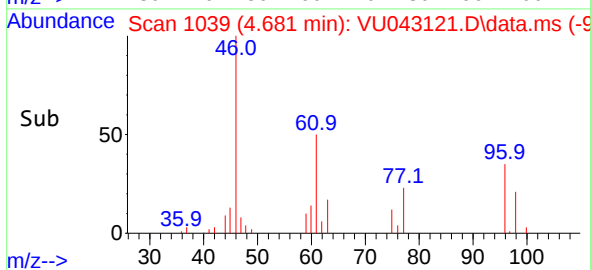
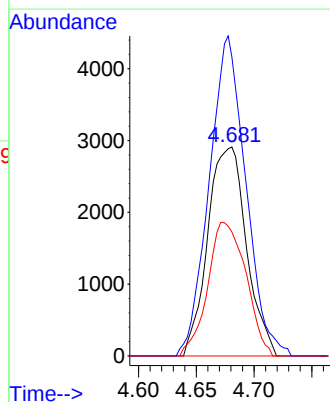
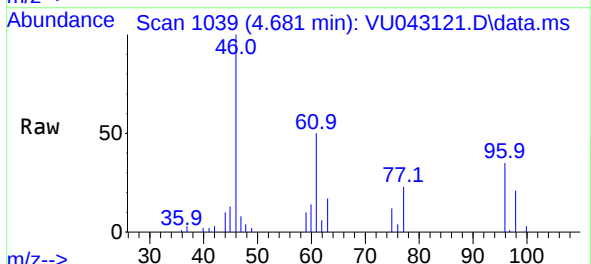
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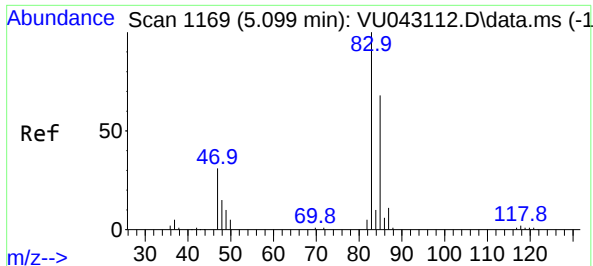
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#22
 cis-1,2-Dichloroethene
 Concen: 1.09 ug/L
 RT: 4.681 min Scan# 1039
 Delta R.T. 0.006 min
 Lab File: VU043121.D
 Acq: 15 Apr 2021 15:19

Tgt Ion: 96 Resp: 6789
 Ion Ratio Lower Upper
 96 100
 61 143.1 87.4 162.4
 98 59.4 47.7 88.5





#25

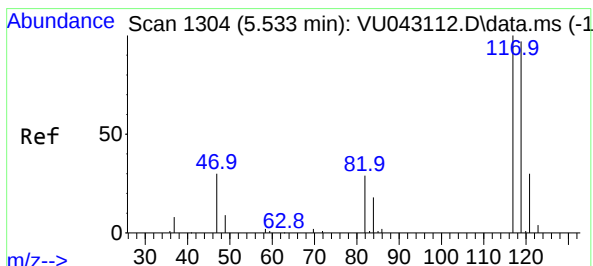
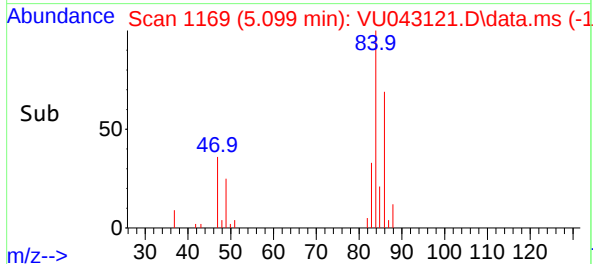
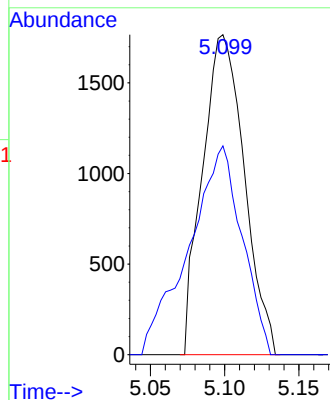
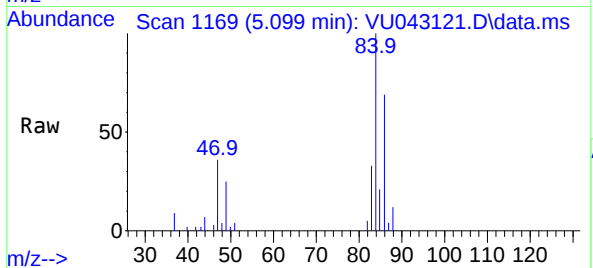
Chloroform
Concen: 0.28 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043121.D
Acq: 15 Apr 2021 15:19

Tgt Ion: 83 Resp: 3462
Ion Ratio Lower Upper
83 100
85 65.2 45.6 84.8

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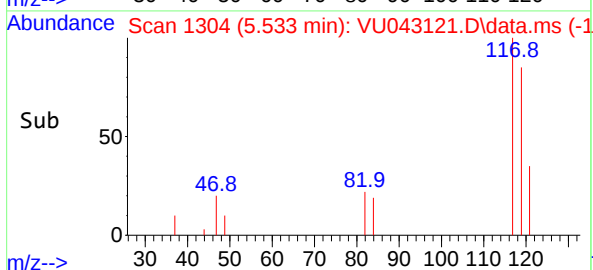
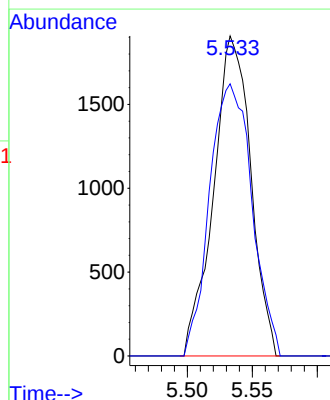
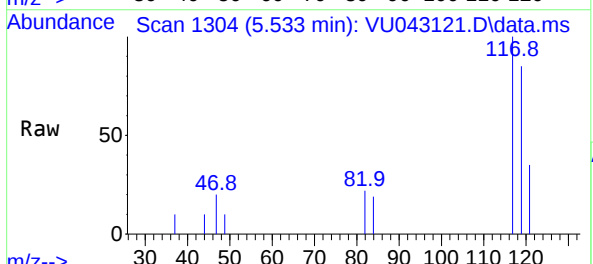
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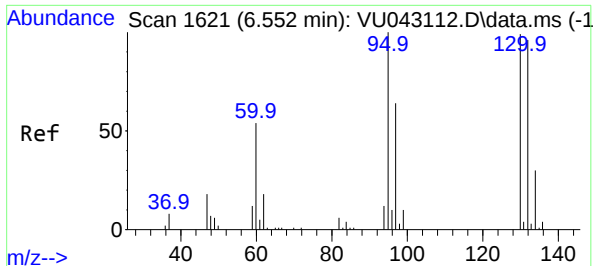


#31

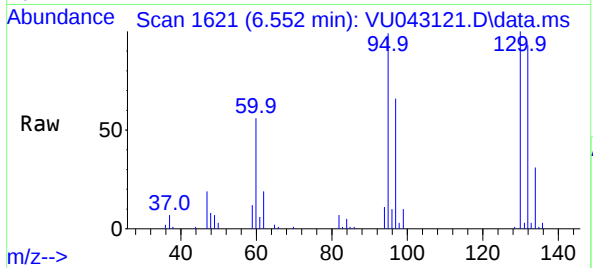
Carbon tetrachloride
Concen: 0.42 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043121.D
Acq: 15 Apr 2021 15:19

Tgt Ion: 117 Resp: 3806
Ion Ratio Lower Upper
117 100
119 96.6 76.2 114.4

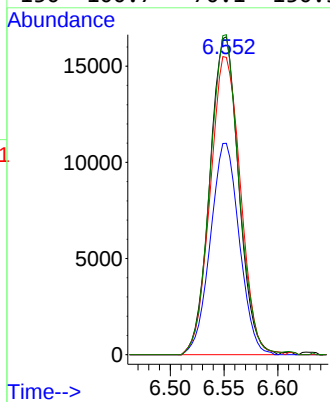
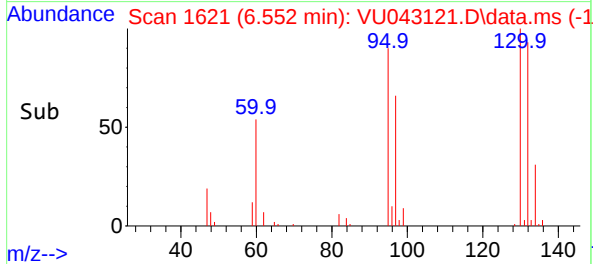




#34
Trichloroethene
Concen: 4.72 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU043121.D
Acq: 15 Apr 2021 15:19



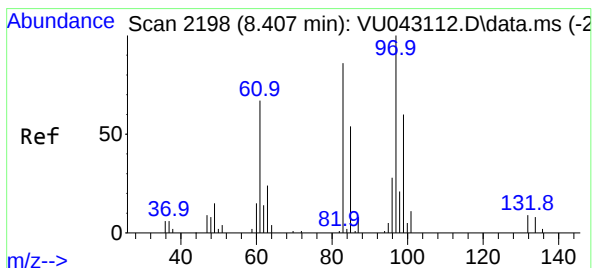
Tgt Ion: 95 Resp: 30878
Ion Ratio Lower Upper
95 100
97 66.5 45.8 85.2
132 93.5 68.7 127.7
130 100.7 70.1 130.3



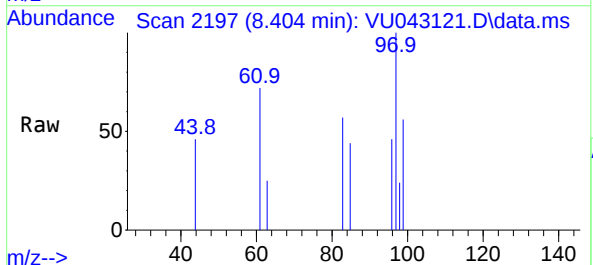
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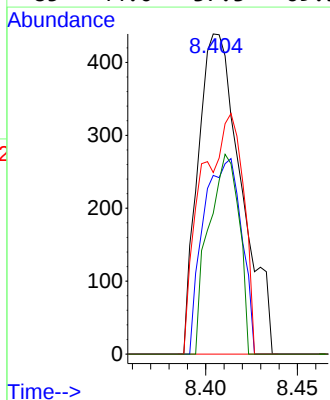
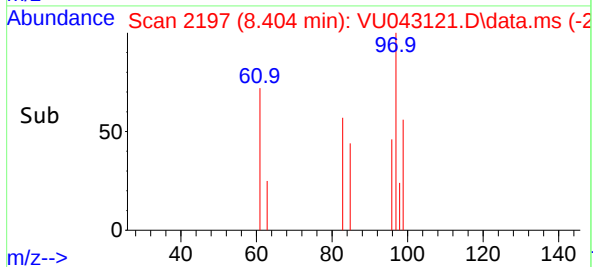
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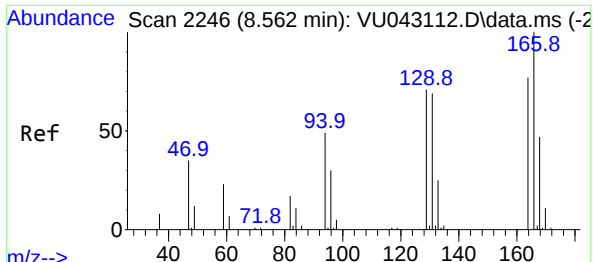


#45
1,1,2-Trichloroethane
Concen: 0.14 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VU043121.D
Acq: 15 Apr 2021 15:19

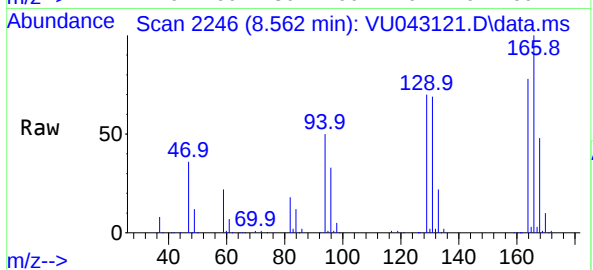


Tgt Ion: 97 Resp: 718
Ion Ratio Lower Upper
97 100
99 55.8 44.2 82.0
83 56.7 60.1 111.7#
85 44.0 37.3 69.3

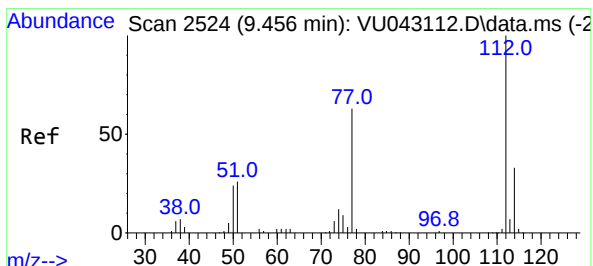
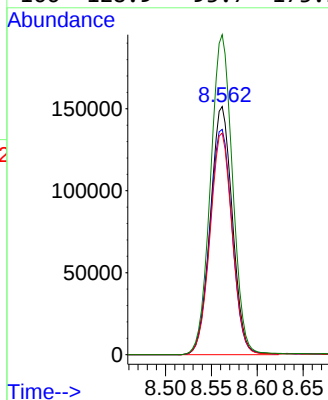
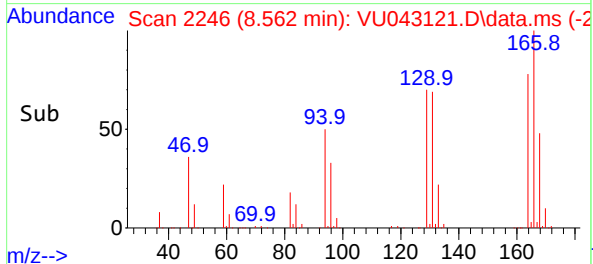




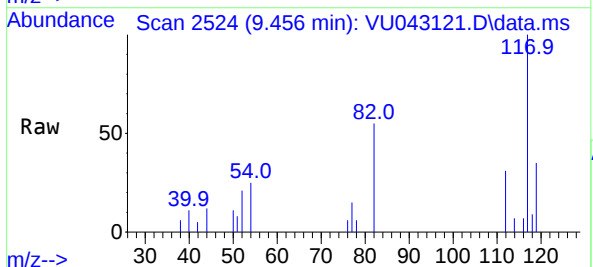
#47
Tetrachloroethene
Concen: 49.02 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043121.D
Acq: 15 Apr 2021 15:19



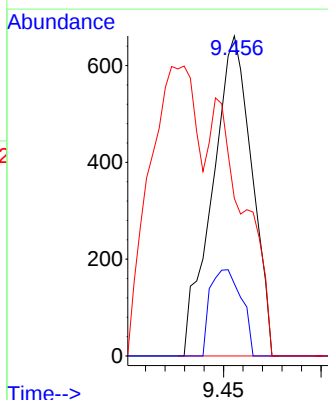
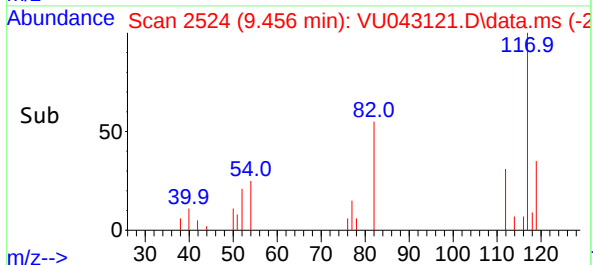
Tgt Ion:164 Resp: 254451
Ion Ratio Lower Upper
164 100
129 90.7 66.6 123.8
131 89.3 65.9 122.3
166 128.9 93.7 173.9



#51
Chlorobenzene
Concen: 0.05 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. -0.000 min
Lab File: VU043121.D
Acq: 15 Apr 2021 15:19



Tgt Ion:112 Resp: 929
Ion Ratio Lower Upper
112 100
114 22.5 21.9 40.7
77 49.2 45.1 67.7



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