

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 :
 C0AT4

Manual Integrations
 APPROVED

MMDadoda
 4/19/2021 10:19:17 AM

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	104689m	52.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.80%
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
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
51) Chlorobenzene	9.456	112	1106	0.07	ug/L	86

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

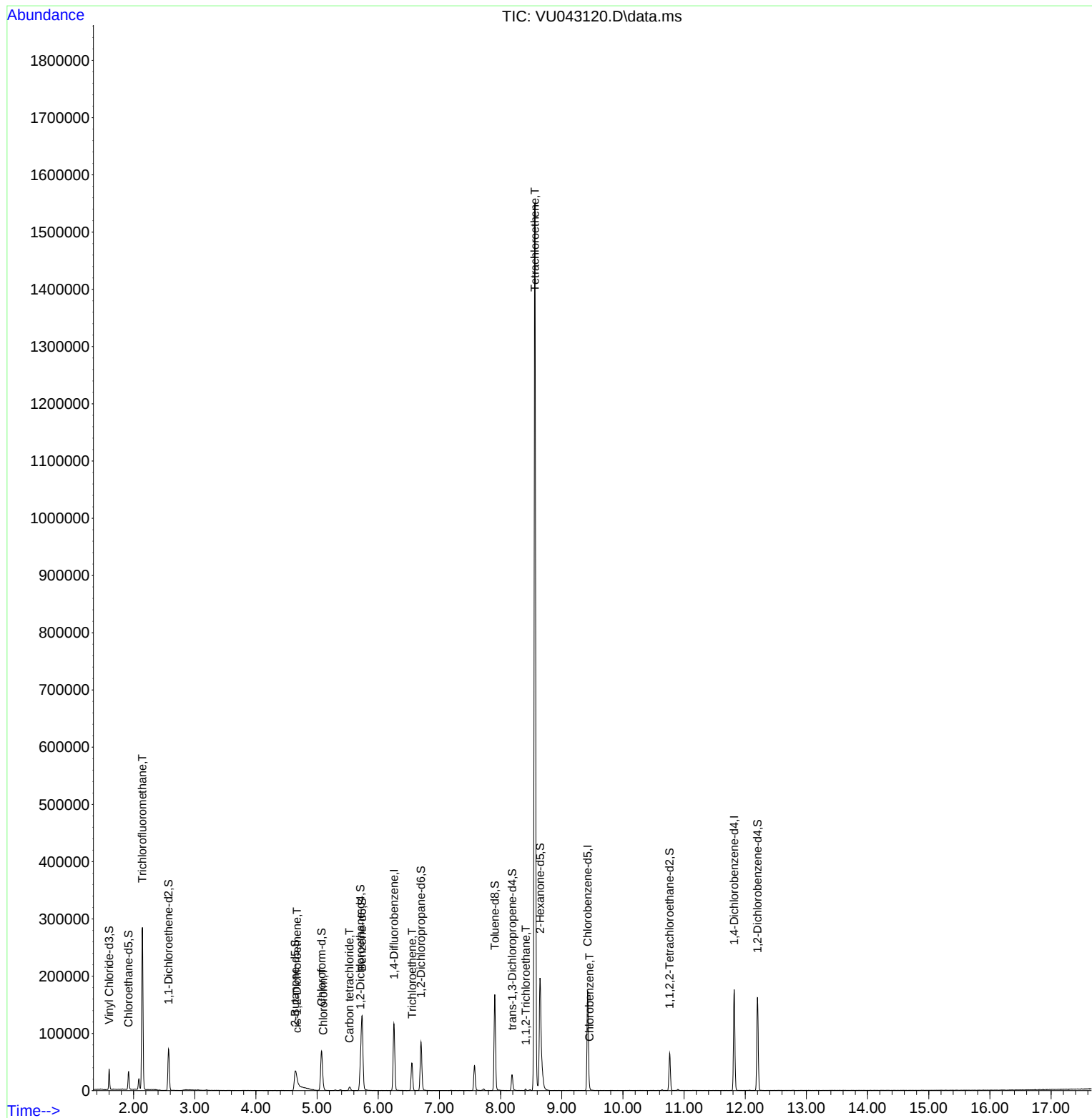
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
Data File : VU043120.D
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Operator : SY/MD
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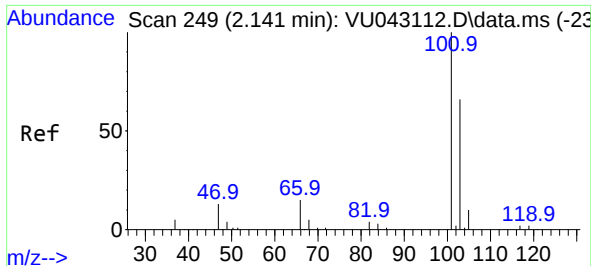
Instrument :
MSVOA_U
ClientSampleId :
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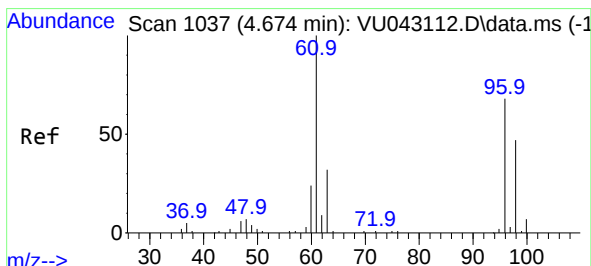
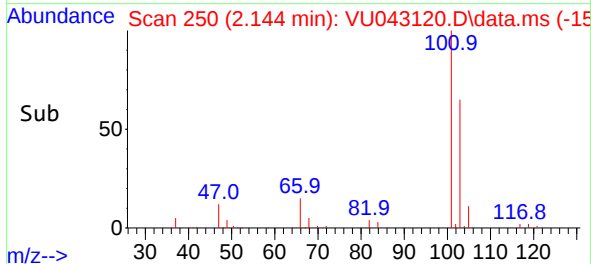
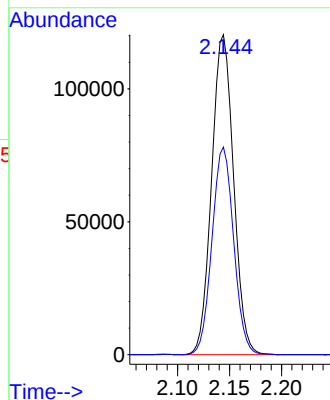
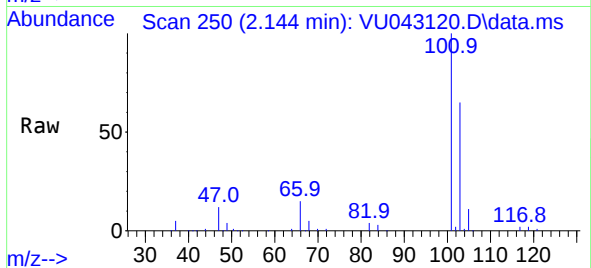
#9
Trichlorofluoromethane
Concen: 16.26 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU043120.D
Acq: 15 Apr 2021 14:56

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

Instrument :
MSVOA_U
ClientSampled :
C0AT4

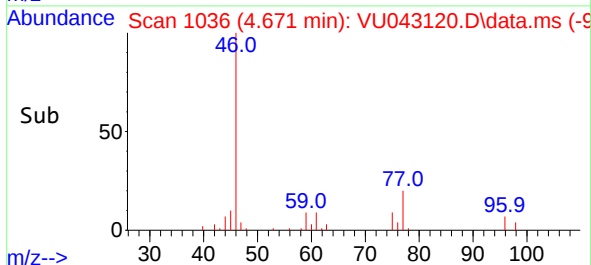
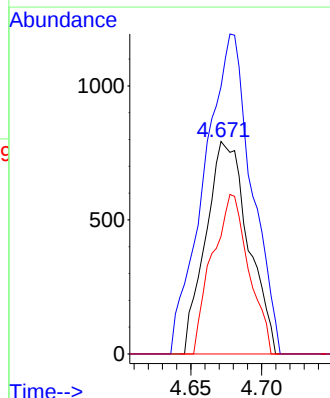
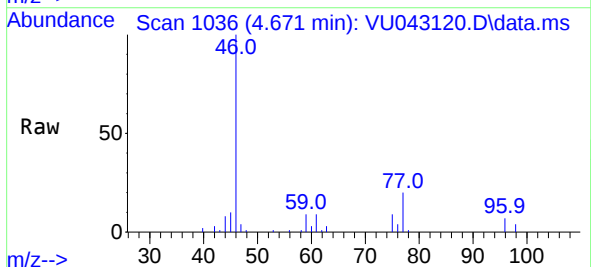
Manual Integrations
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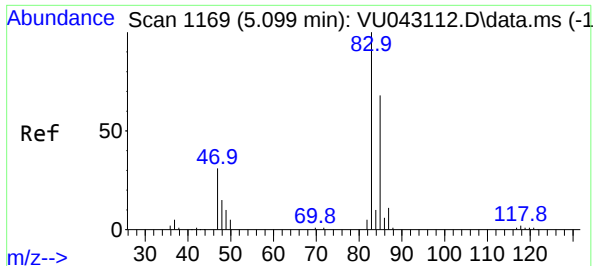
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#22
cis-1,2-Dichloroethene
Concen: 0.27 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU043120.D
Acq: 15 Apr 2021 14:56

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

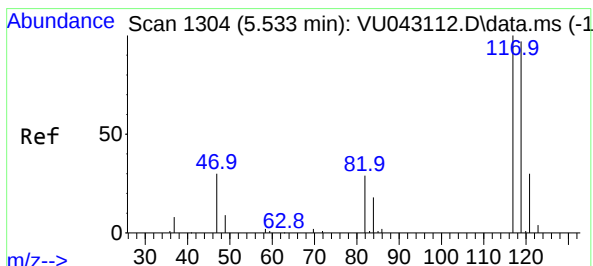
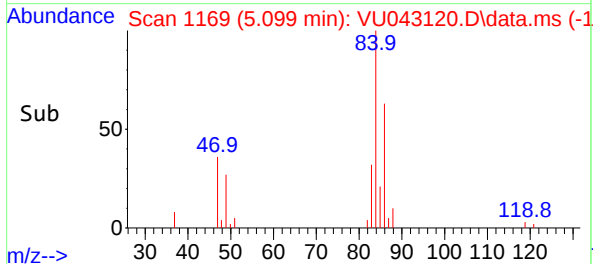
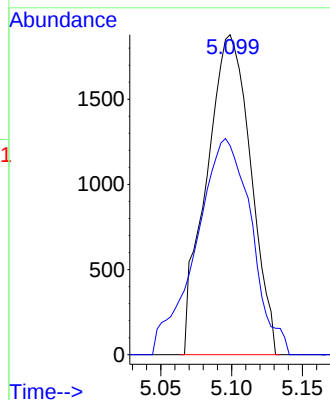
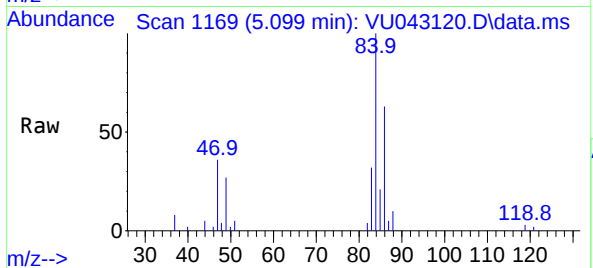
Chloroform
Concen: 0.33 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043120.D
Acq: 15 Apr 2021 14:56

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

Instrument :
MSVOA_U
ClientSampled :
C0AT4

Manual Integrations
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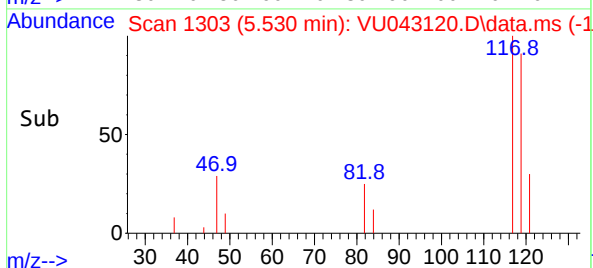
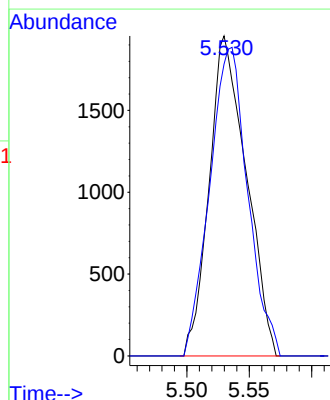
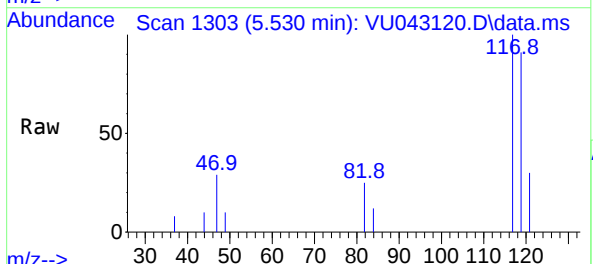
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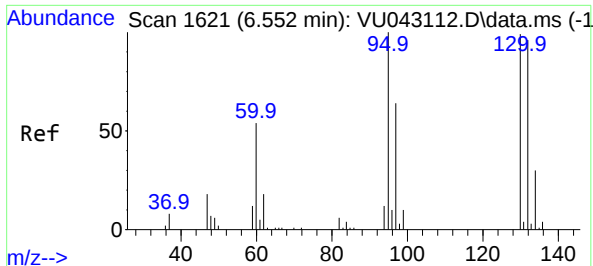


#31

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

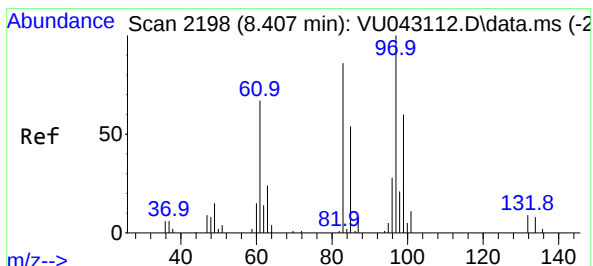
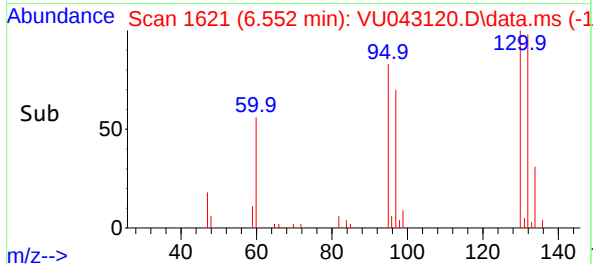
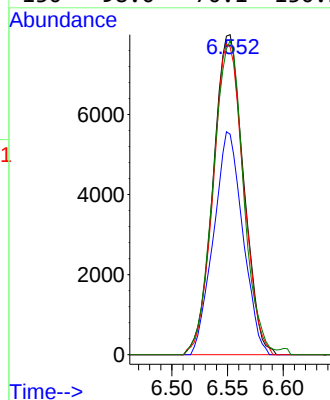
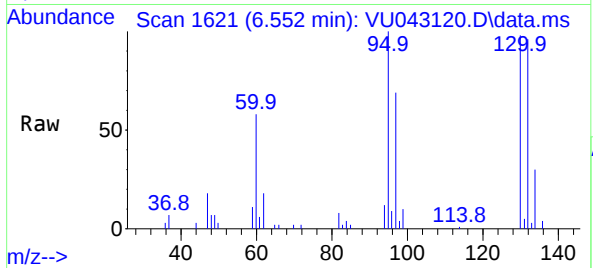
Tgt Ion: 95 Resp: 15179

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

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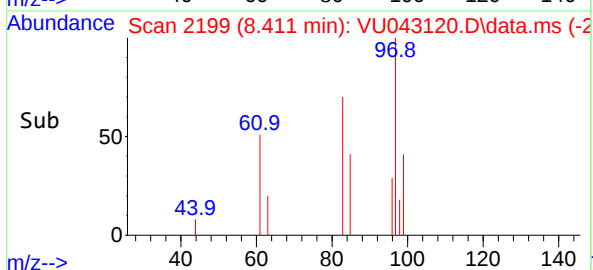
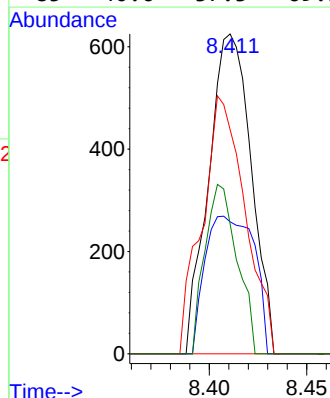
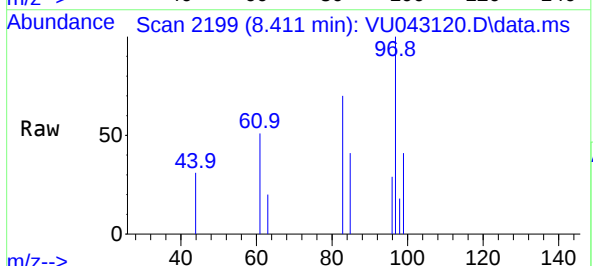
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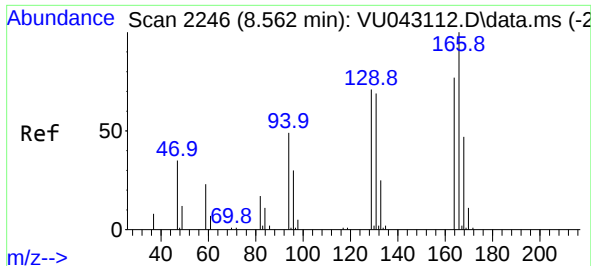


#45
1,1,2-Trichloroethane
Concen: 0.19 ug/L
RT: 8.411 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VU043120.D
Acq: 15 Apr 2021 14:56

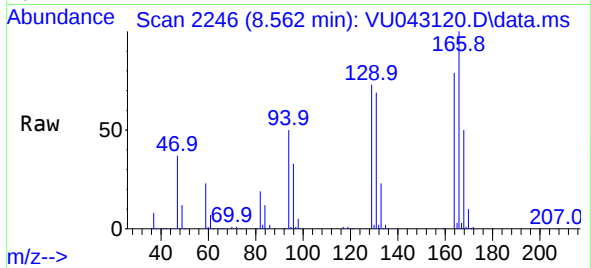
Tgt Ion: 97 Resp: 951

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

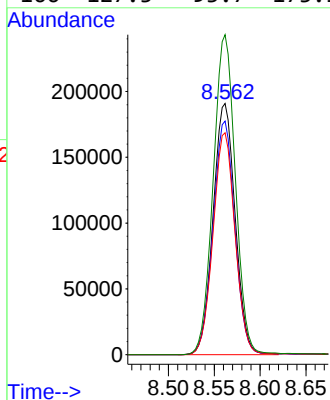




#47
Tetrachloroethene
Concen: 62.57 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043120.D
Acq: 15 Apr 2021 14:56



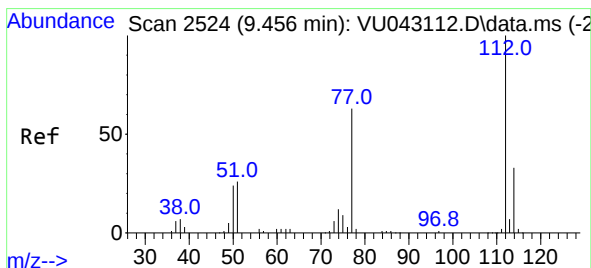
Tgt Ion:164 Resp: 320596
Ion Ratio Lower Upper
164 100
129 93.0 66.6 123.8
131 88.3 65.9 122.3
166 127.3 93.7 173.9



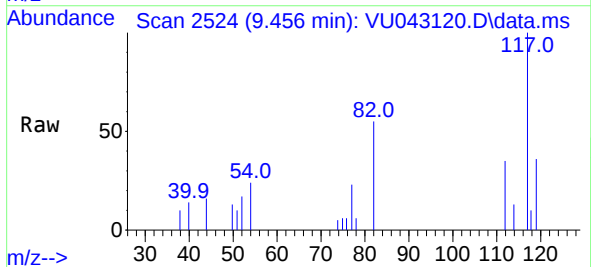
Instrument :
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ClientSampleId :
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Manual Integrations
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#51
Chlorobenzene
Concen: 0.07 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. 0.000 min
Lab File: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



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

