

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043461.D
 Acq On : 30 Apr 2021 06:07
 Operator : SY/MD
 Sample : M2194-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YARR6

Quant Time: Apr 30 08:37:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 30 08:34:29 2021
 Response via : Initial Calibration

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

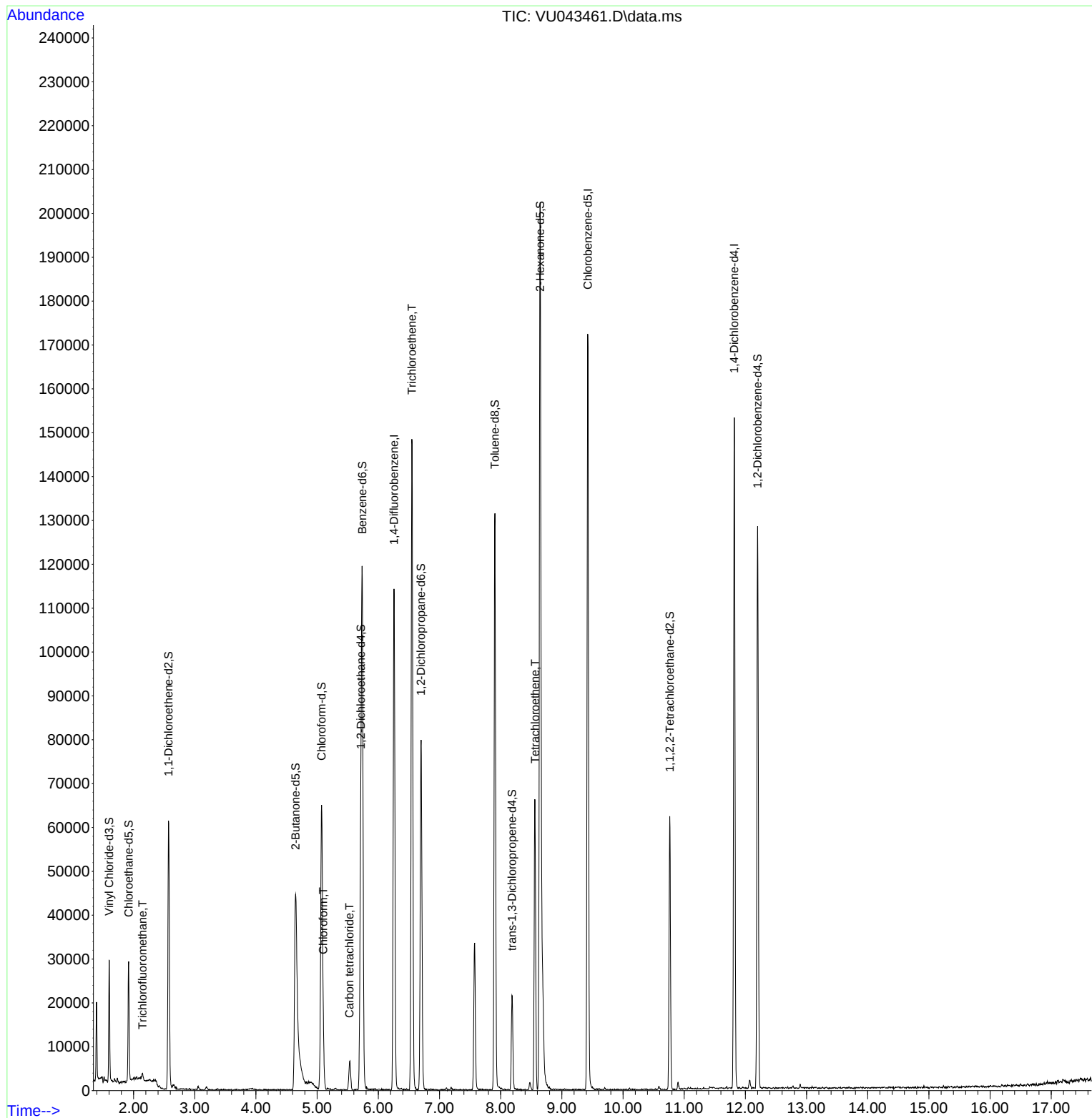
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	84073	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	84797	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	37855	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	18088	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.919	69	18316	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.572	65	12458	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.80%
20) 2-Butanone-d5	4.649	46	101422	54.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.18%
24) Chloroform-d	5.073	84	55745	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.713	65	35599	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.739	84	97212	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.700	67	35306	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	7.906	98	80403	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloroprop...	8.186	79	11623	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.645	63	67010	46.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.94%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	28852	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
66) 1,2-Dichlorobenzene-d4	12.198	152	31149	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	845	0.08	ug/L	97
25) Chloroform	5.099	83	6774	0.59	ug/L	89
31) Carbon tetrachloride	5.530	117	4412	0.51	ug/L	95
34) Trichloroethene	6.549	95	48506	7.77	ug/L	95
47) Tetrachloroethene	8.562	164	13877	2.80	ug/L	93

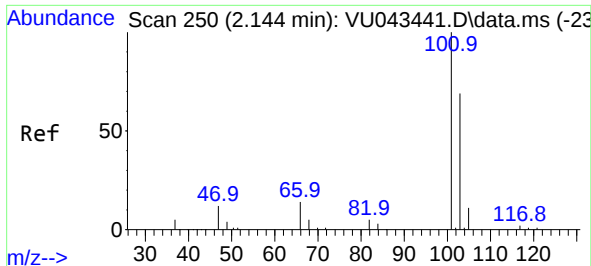
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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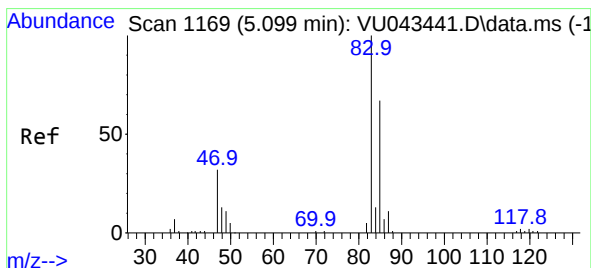
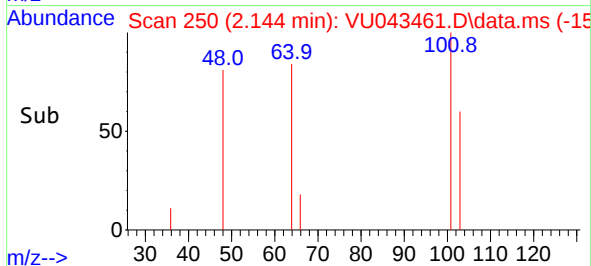
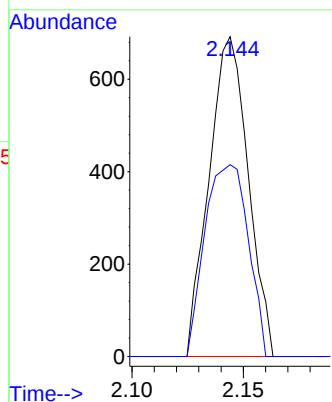
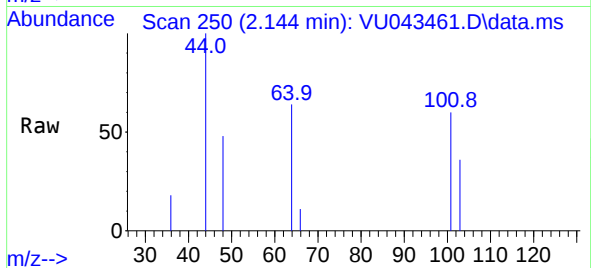




#9
Trichlorofluoromethane
Concen: 0.08 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU043461.D
Acq: 30 Apr 2021 06:07

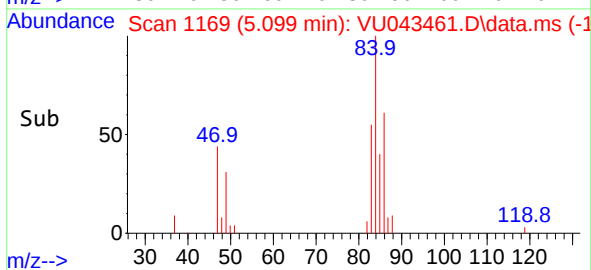
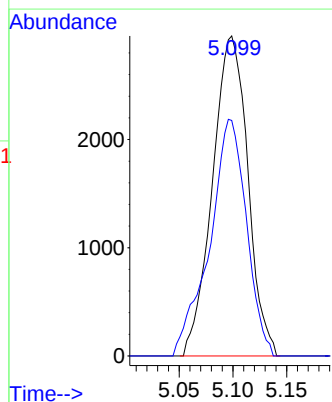
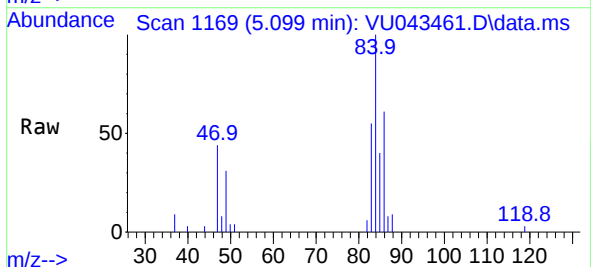
Instrument :
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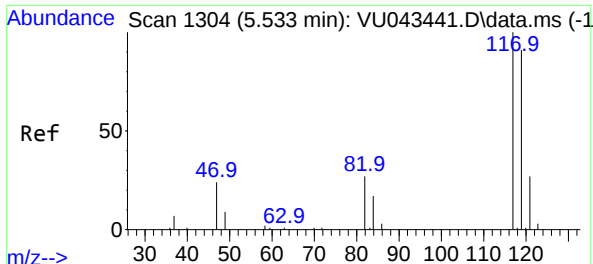
Tgt Ion:101 Resp: 845
Ion Ratio Lower Upper
101 100
103 66.4 51.5 77.3



#25
Chloroform
Concen: 0.59 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043461.D
Acq: 30 Apr 2021 06:07

Tgt Ion: 83 Resp: 6774
Ion Ratio Lower Upper
83 100
85 73.6 45.6 84.8

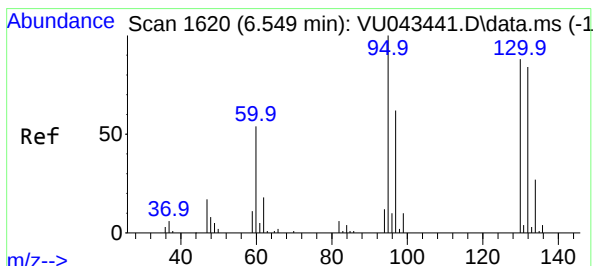
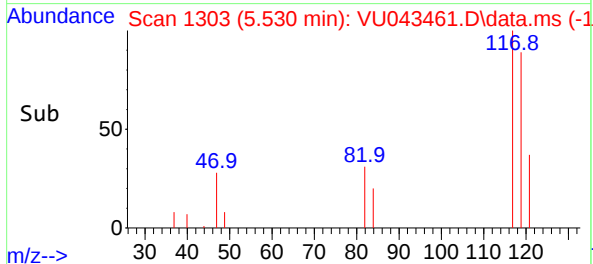
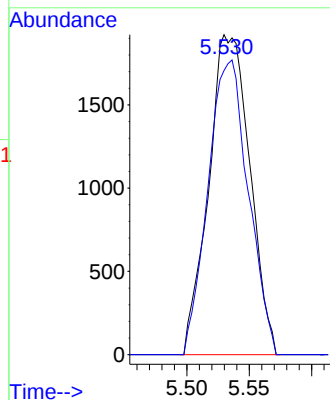
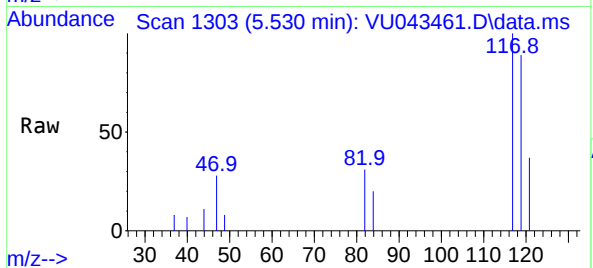




#31
Carbon tetrachloride
Concen: 0.51 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.003 min
Lab File: VU043461.D
Acq: 30 Apr 2021 06:07

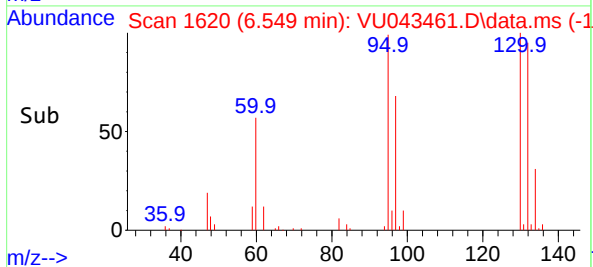
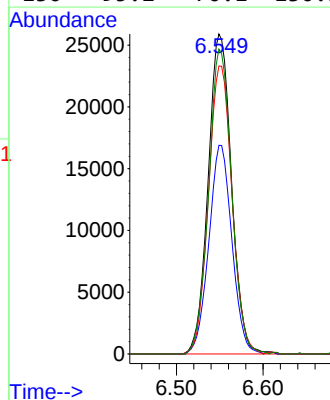
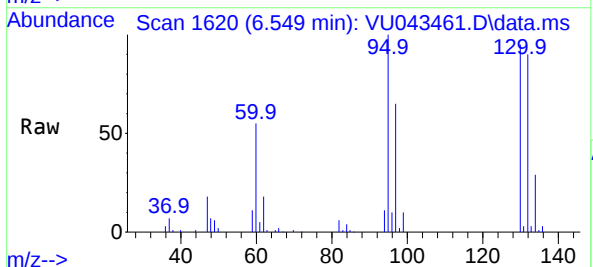
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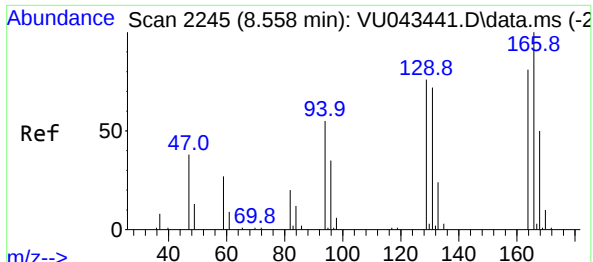
Tgt Ion:117 Resp: 4412
Ion Ratio Lower Upper
117 100
119 90.3 76.2 114.4



#34
Trichloroethene
Concen: 7.77 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043461.D
Acq: 30 Apr 2021 06:07

Tgt Ion: 95 Resp: 48506
Ion Ratio Lower Upper
95 100
97 65.2 45.8 85.2
132 90.0 68.7 127.7
130 95.2 70.1 130.3





#47
Tetrachloroethene
Concen: 2.80 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU043461.D
Acq: 30 Apr 2021 06:07

Instrument :
MSVOA_U
ClientSampleId :
YARR6

Tgt Ion:164 Resp: 13877

Ion	Ratio	Lower	Upper
164	100		
129	90.6	66.6	123.8
131	88.4	65.9	122.3
166	123.9	93.7	173.9

