

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043443.D
 Acq On : 29 Apr 2021 22:53
 Operator : SY/MD
 Sample : M2197-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YARH3

Quant Time: Apr 30 08:35:16 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)

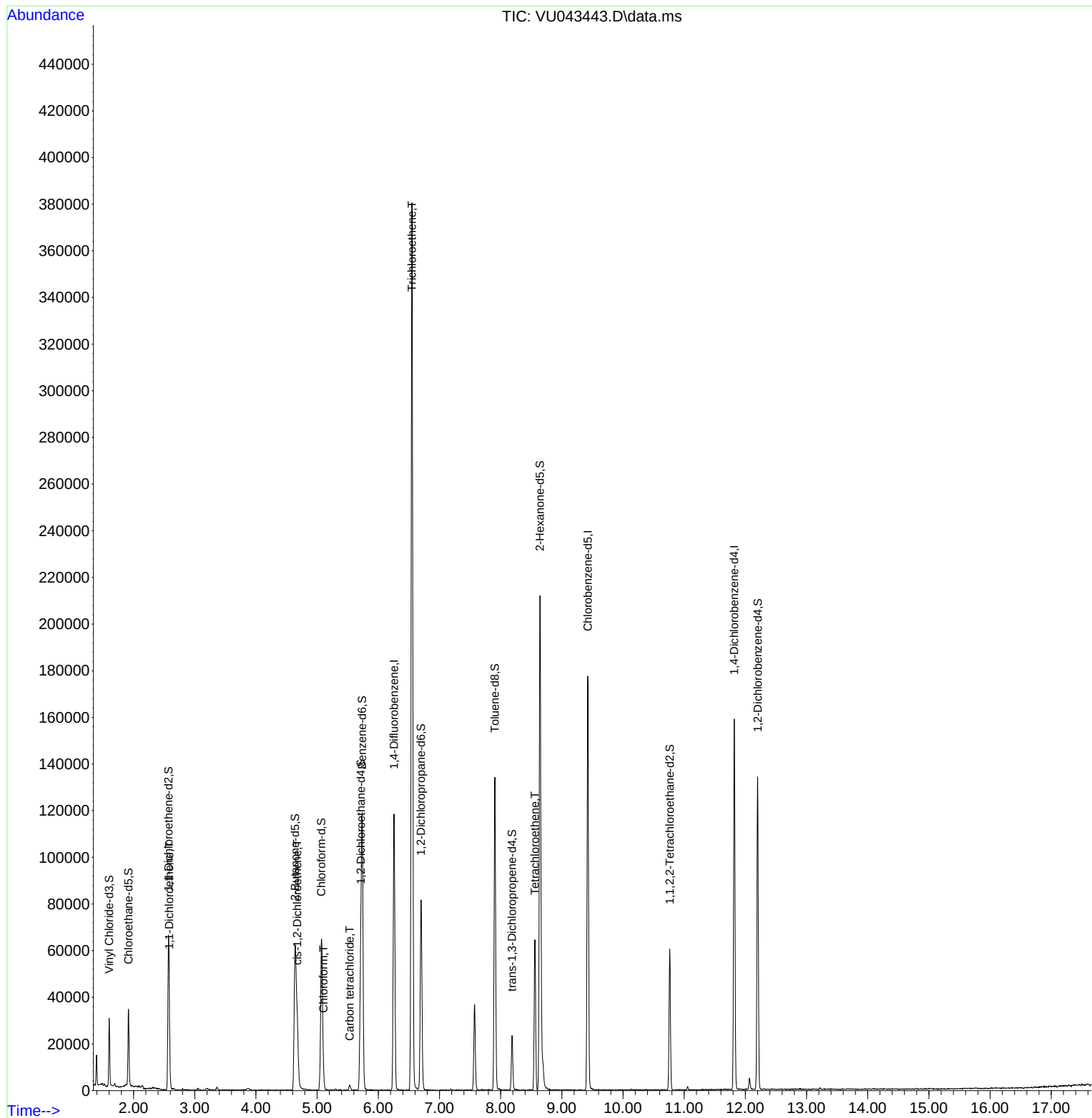
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	85744	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	85540	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	38287	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	19629	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.916	69	20743	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.572	65	11735	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.00%
20) 2-Butanone-d5	4.642	46	104019	54.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.78%
24) Chloroform-d	5.070	84	55479	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.713	65	34701	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.735	84	97985	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.700	67	35061	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.906	98	81503	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
43) trans-1,3-Dichloroprop...	8.186	79	11528	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.642	63	63615	43.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.46%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	28018	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	30810	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.584	96	2828	0.59	ug/L	# 1
22) cis-1,2-Dichloroethene	4.674	96	9212	1.53	ug/L	80
25) Chloroform	5.102	83	4952	0.42	ug/L	91
31) Carbon tetrachloride	5.533	117	1419	0.16	ug/L	100
34) Trichloroethene	6.549	95	123418	19.59	ug/L	95
47) Tetrachloroethene	8.559	164	12959	2.59	ug/L	97

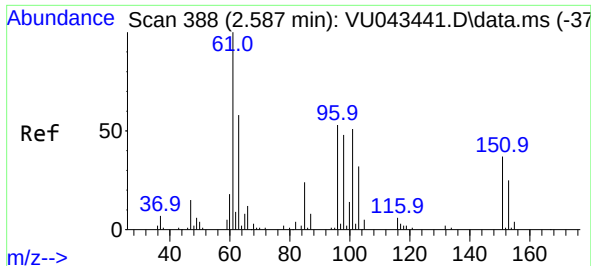
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.59 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU043443.D

Acq: 29 Apr 2021 22:53

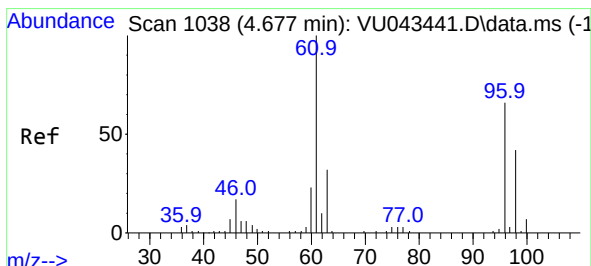
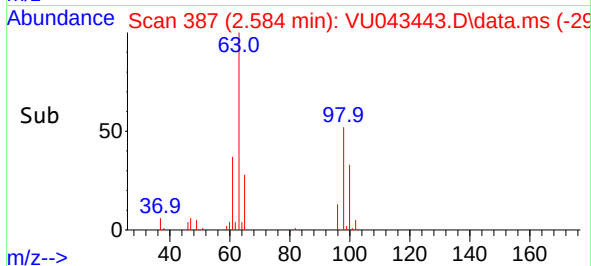
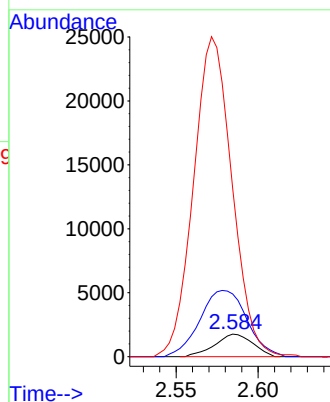
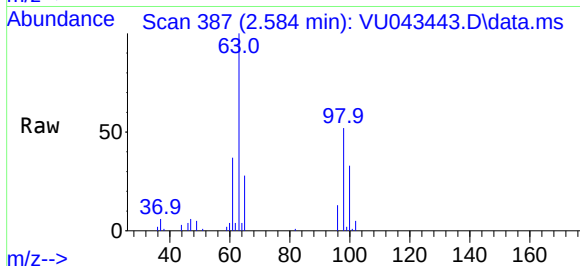
Tgt Ion: 96 Resp: 2828

Ion Ratio Lower Upper

96 100

61 278.0 115.1 213.7#

63 746.5 84.1 156.1#



#22

cis-1,2-Dichloroethene

Concen: 1.53 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VU043443.D

Acq: 29 Apr 2021 22:53

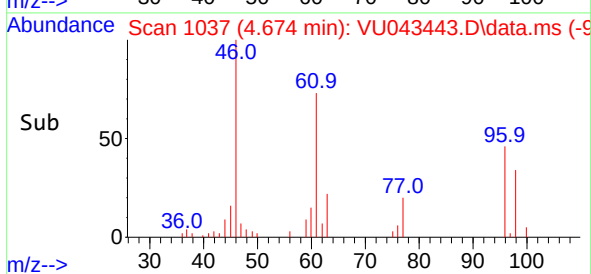
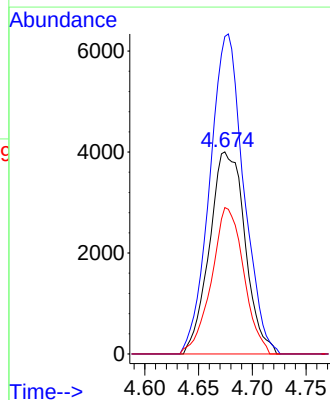
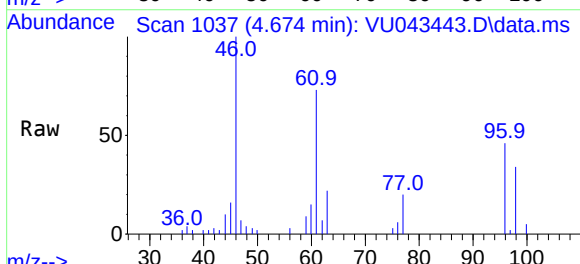
Tgt Ion: 96 Resp: 9212

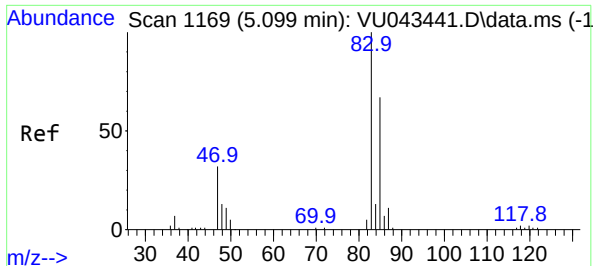
Ion Ratio Lower Upper

96 100

61 157.1 87.4 162.4

98 72.5 47.7 88.5



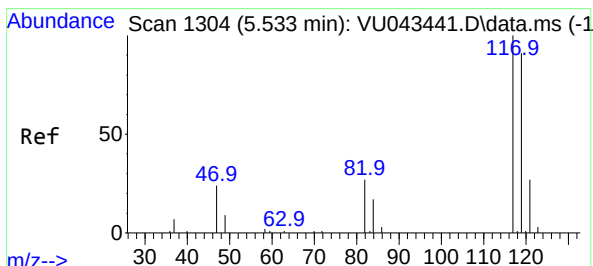
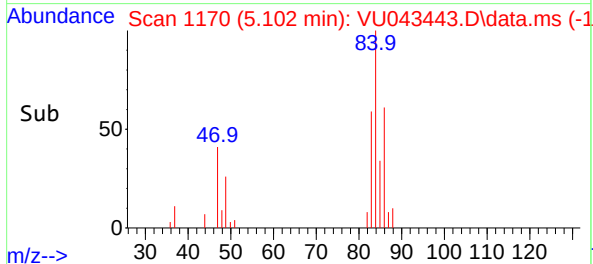
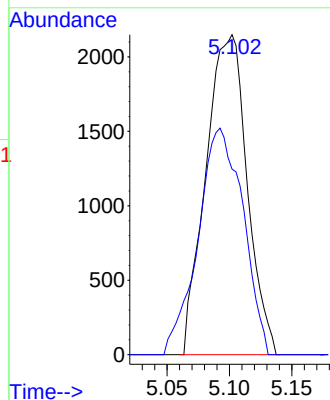
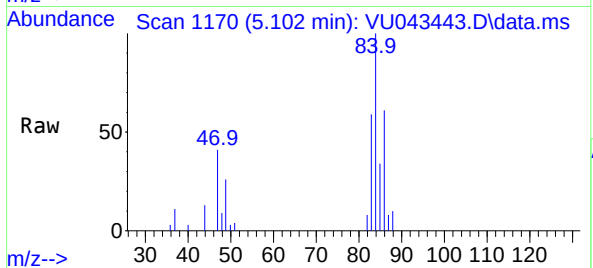


#25

Chloroform
Concen: 0.42 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
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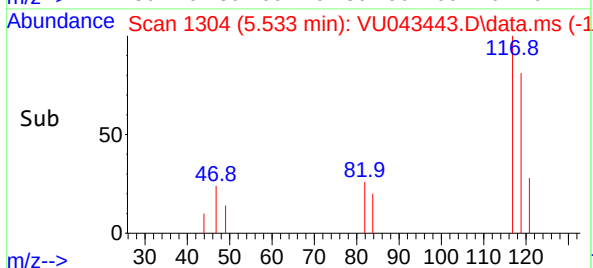
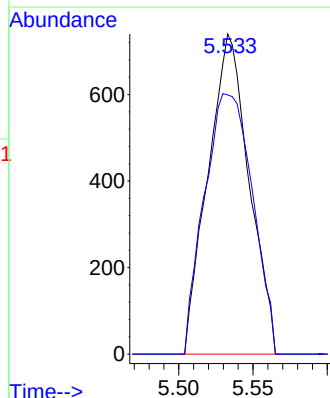
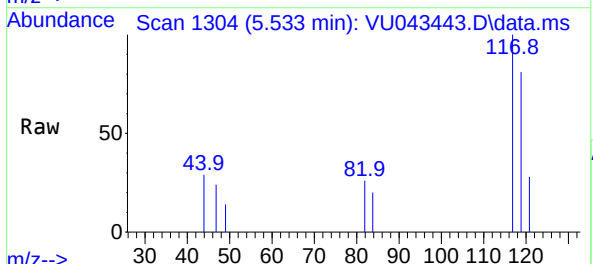
Tgt Ion: 83 Resp: 4952
Ion Ratio Lower Upper
83 100
85 58.0 45.6 84.8

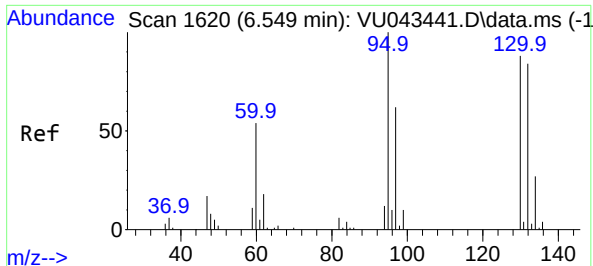


#31

Carbon tetrachloride
Concen: 0.16 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043443.D
Acq: 29 Apr 2021 22:53

Tgt Ion: 117 Resp: 1419
Ion Ratio Lower Upper
117 100
119 95.4 76.2 114.4





#34

Trichloroethene

Concen: 19.59 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VU043443.D

Acq: 29 Apr 2021 22:53

Tgt Ion: 95 Resp: 123418

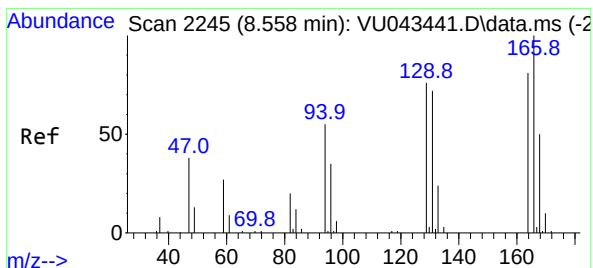
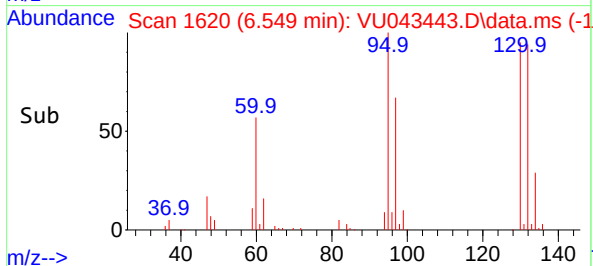
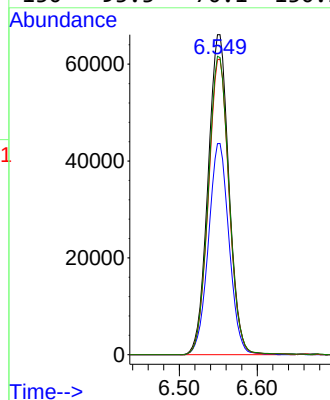
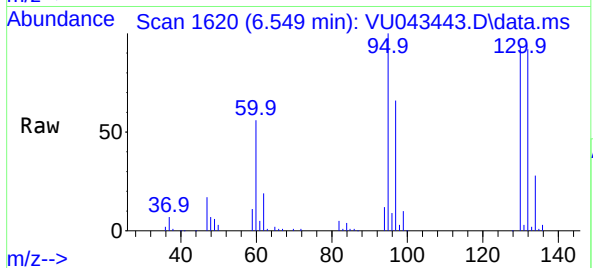
Ion Ratio Lower Upper

95 100

97 66.0 45.8 85.2

132 92.2 68.7 127.7

130 93.3 70.1 130.3



#47

Tetrachloroethene

Concen: 2.59 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. 0.000 min

Lab File: VU043443.D

Acq: 29 Apr 2021 22:53

Tgt Ion: 164 Resp: 12959

Ion Ratio Lower Upper

164 100

129 93.8 66.6 123.8

131 90.7 65.9 122.3

166 128.5 93.7 173.9

