

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043434.D
 Acq On : 29 Apr 2021 18:51
 Operator : SY/MD
 Sample : M2197-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YARG3

Quant Time: Apr 30 07:31:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 30 07:27:36 2021
 Response via : Initial Calibration

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

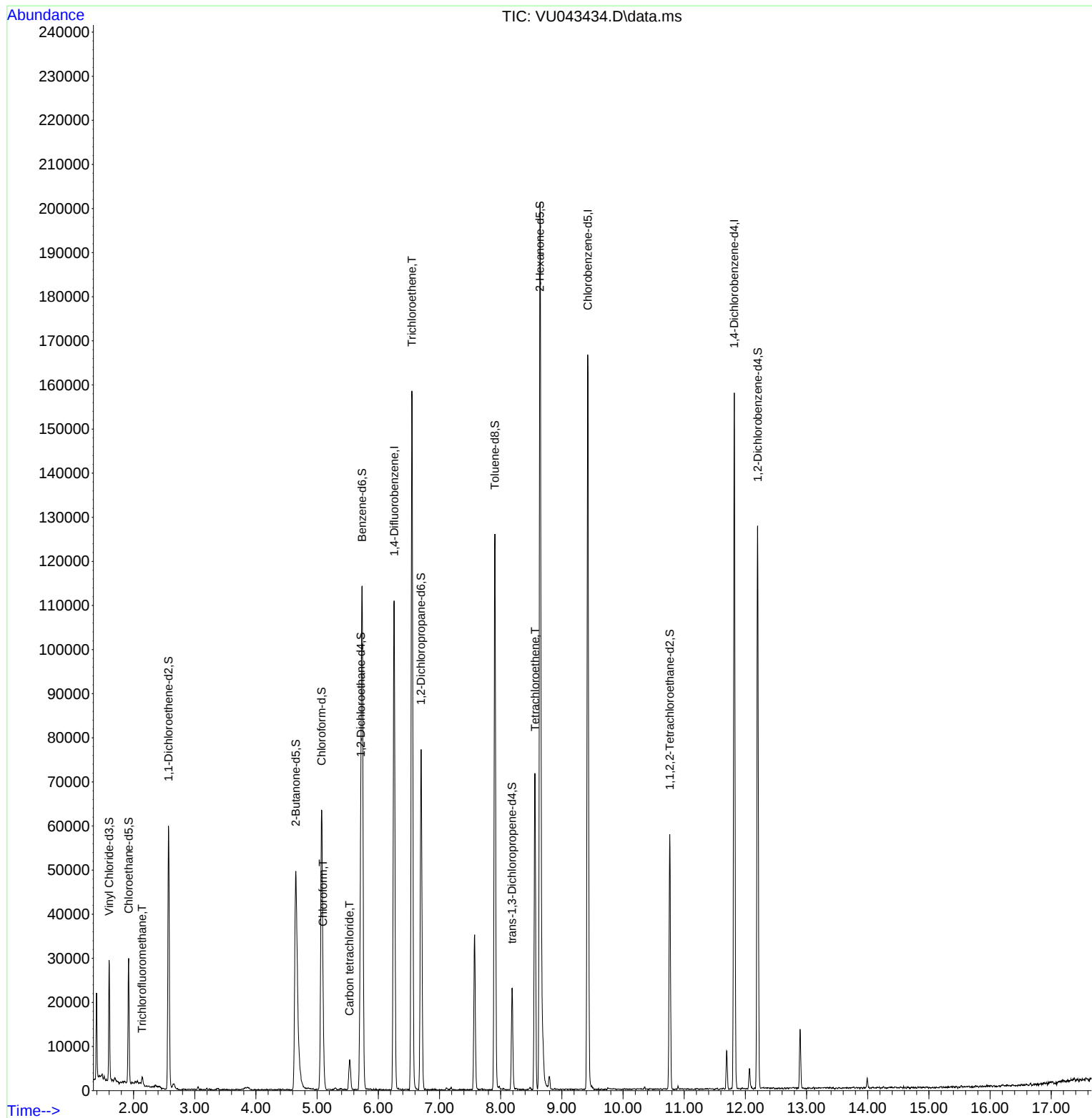
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	80093	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.424	117	82644	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	37296	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	18765	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.919	69	18829	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.572	65	11353	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.40%
20) 2-Butanone-d5	4.652	46	102825	57.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.12%
24) Chloroform-d	5.073	84	54001	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.713	65	33250	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.736	84	93404	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.700	67	33973	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.906	98	76274	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloroprop...	8.186	79	11659	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.642	63	61584	43.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.64%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	26573	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
66) 1,2-Dichlorobenzene-d4	12.202	152	30420	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.138	101	1007	0.10	ug/L	95
25) Chloroform	5.096	83	7037	0.64	ug/L	96
31) Carbon tetrachloride	5.530	117	4427	0.52	ug/L	97
34) Trichloroethene	6.549	95	50833	8.35	ug/L	95
47) Tetrachloroethene	8.562	164	14841	3.08	ug/L	97

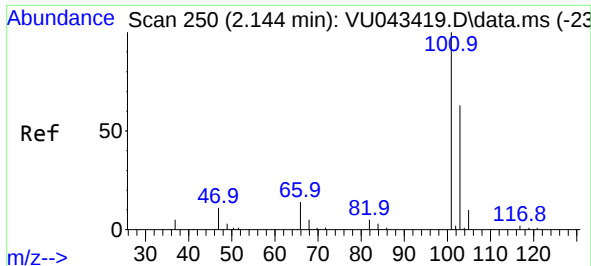
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 30 07:27:36 2021
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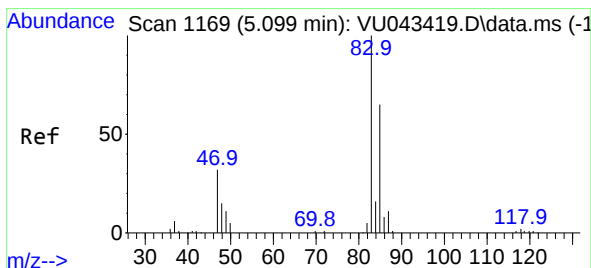
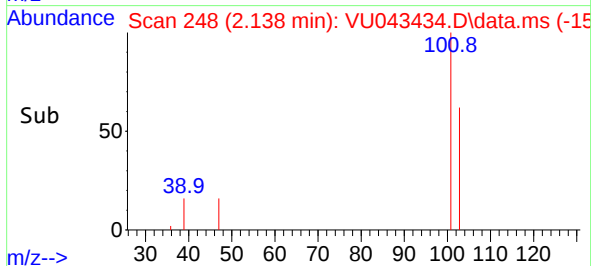
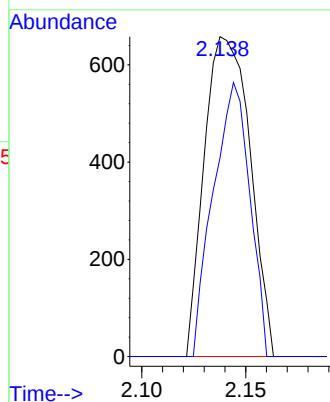
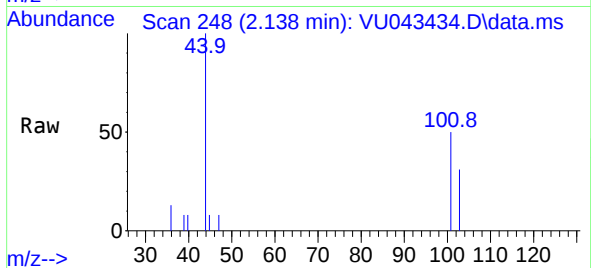




#9
Trichlorofluoromethane
Concen: 0.10 ug/L
RT: 2.138 min Scan# 248
Delta R.T. -0.006 min
Lab File: VU043434.D
Acq: 29 Apr 2021 18:51

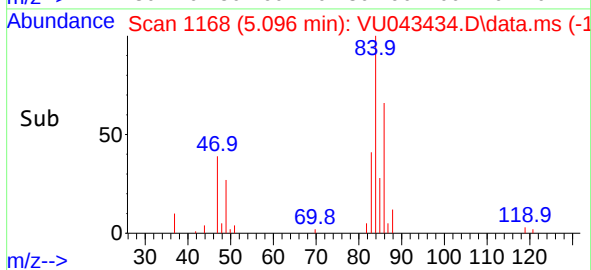
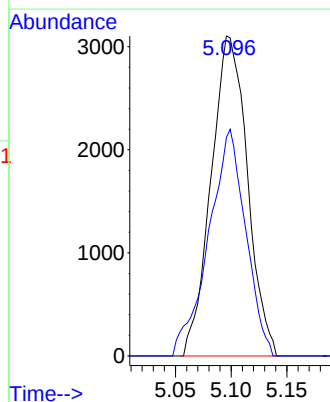
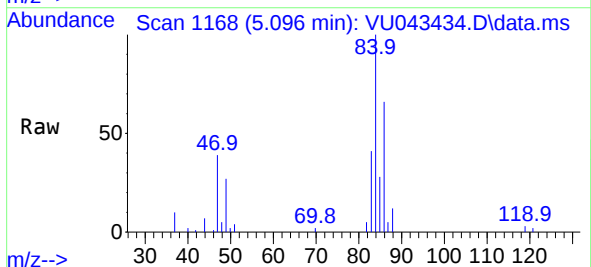
Instrument :
MSVOA_U
ClientSampleId :
YARG3

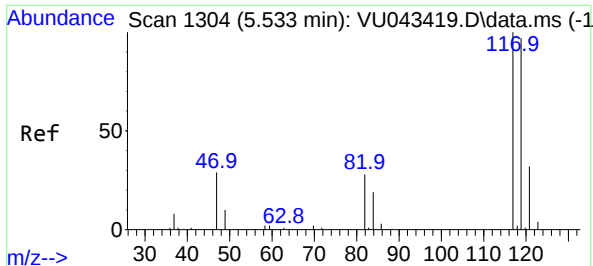
Tgt Ion:101 Resp: 1007
Ion Ratio Lower Upper
101 100
103 68.3 51.5 77.3



#25
Chloroform
Concen: 0.64 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU043434.D
Acq: 29 Apr 2021 18:51

Tgt Ion: 83 Resp: 7037
Ion Ratio Lower Upper
83 100
85 68.3 45.6 84.8

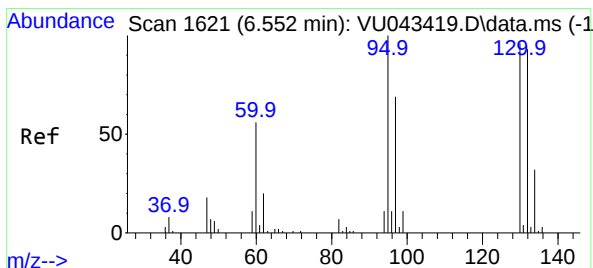
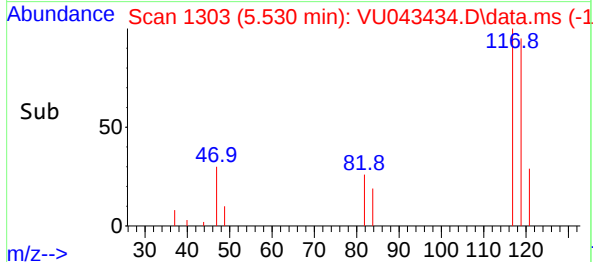
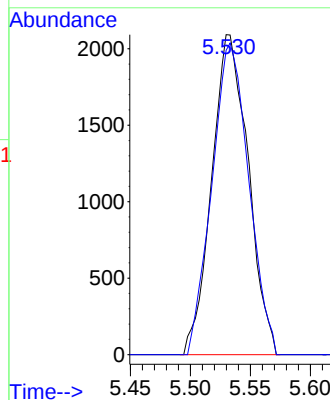
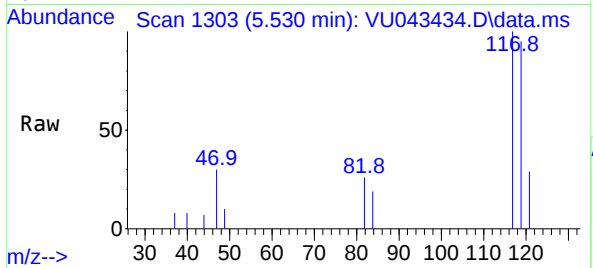




#31
Carbon tetrachloride
Concen: 0.52 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.003 min
Lab File: VU043434.D
Acq: 29 Apr 2021 18:51

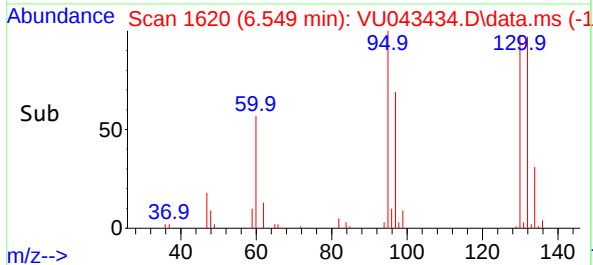
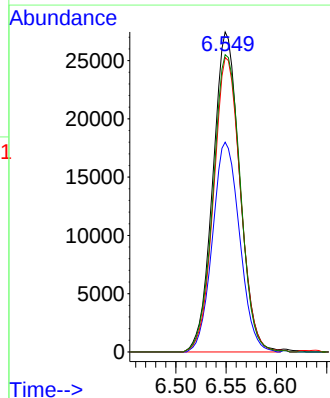
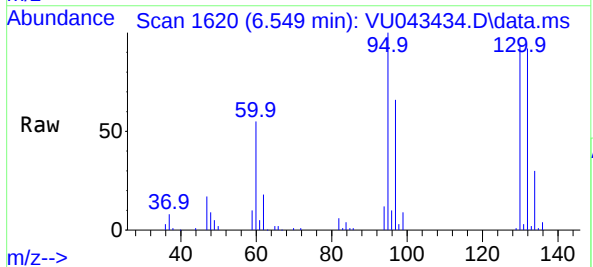
Instrument :
MSVOA_U
ClientSampled :
YARG3

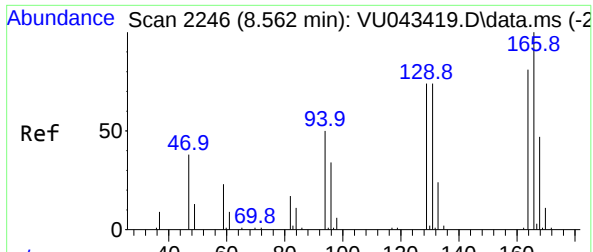
Tgt Ion:117 Resp: 4427
Ion Ratio Lower Upper
117 100
119 98.1 76.2 114.4



#34
Trichloroethene
Concen: 8.35 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043434.D
Acq: 29 Apr 2021 18:51

Tgt Ion: 95 Resp: 50833
Ion Ratio Lower Upper
95 100
97 65.6 45.8 85.2
132 92.0 68.7 127.7
130 92.9 70.1 130.3





#47
Tetrachloroethene
Concen: 3.08 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043434.D
Acq: 29 Apr 2021 18:51

Instrument :
MSVOA_U
ClientSampleId :
YARG3

Tgt Ion:164 Resp: 14841

Ion	Ratio	Lower	Upper
164	100		
129	94.6	66.6	123.8
131	92.2	65.9	122.3
166	128.0	93.7	173.9

