

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043957.D
 Acq On : 25 May 2021 12:36
 Operator : SY/MD
 Sample : M2494-10DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB423DL

Quant Time: May 25 14:30:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 07:46:23 2021
 Response via : Initial Calibration

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

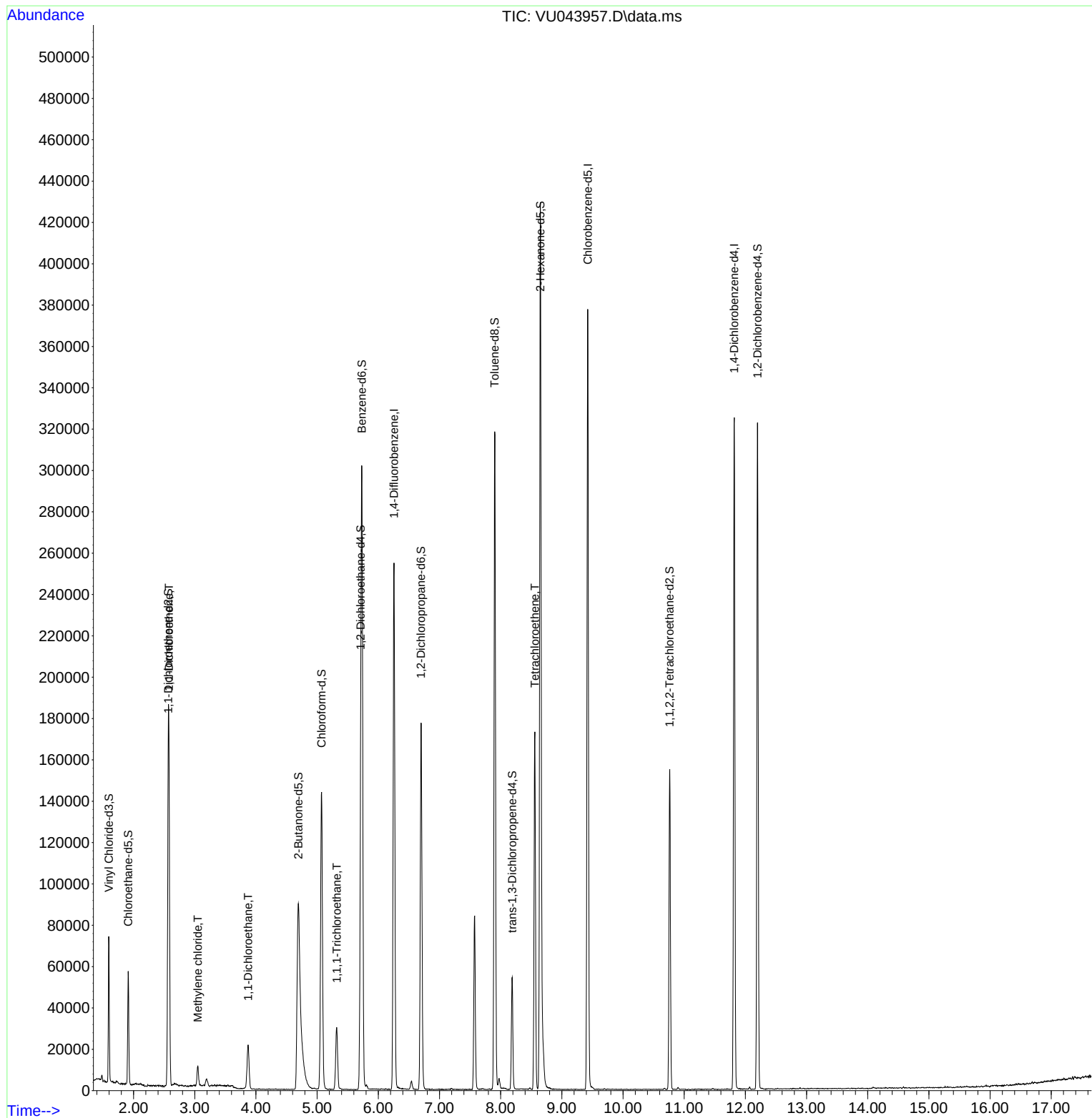
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	212682	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	222745	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	93348	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	48088	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.912	69	38998	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.565	65	20462	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.694	46	199186	53.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.14%
24) Chloroform-d	5.073	84	135091	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.713	65	71373	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.732	84	269255	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.700	67	87489	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.903	98	219678	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloroprop...	8.189	79	30644	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.649	63	143497	47.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.32%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	77432	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
66) 1,2-Dichlorobenzene-d4	12.198	152	91255	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	40699	2.96	ug/L	# 81
16) Methylene chloride	3.047	84	4606	0.26	ug/L	90
19) 1,1-Dichloroethane	3.874	63	23902	0.97	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	22230	0.96	ug/L	97
47) Tetrachloroethene	8.559	164	42195	3.12	ug/L	96

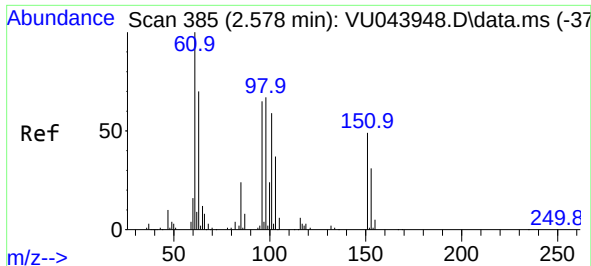
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue May 25 07:46:23 2021
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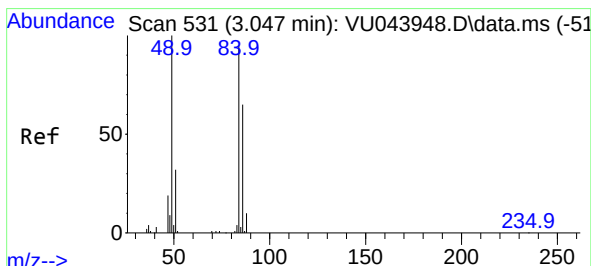
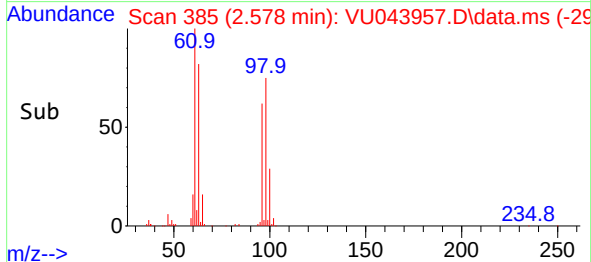
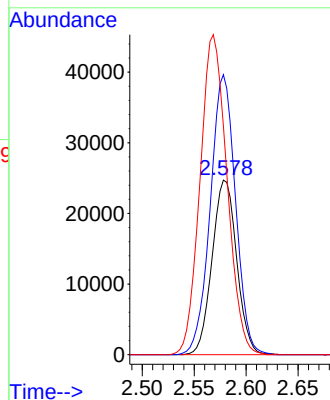
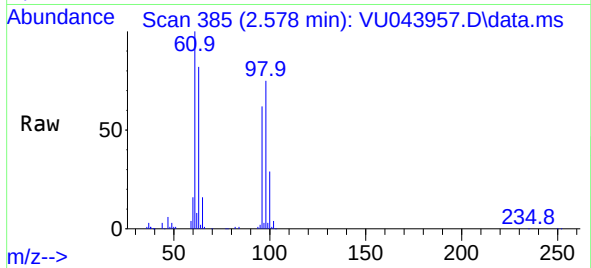




#12
1,1-Dichloroethene
Concen: 2.96 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU043957.D
Acq: 25 May 2021 12:36

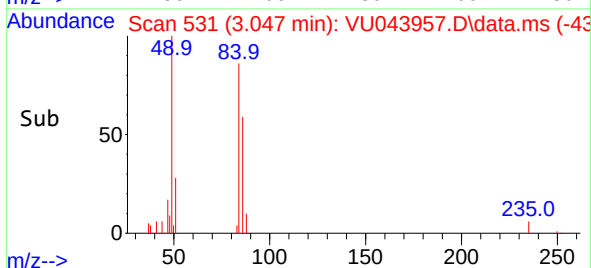
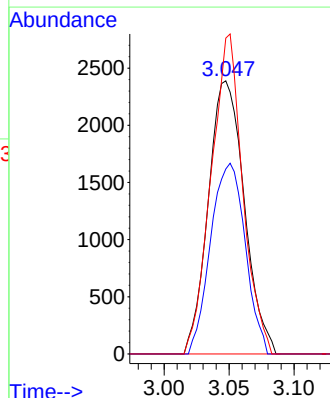
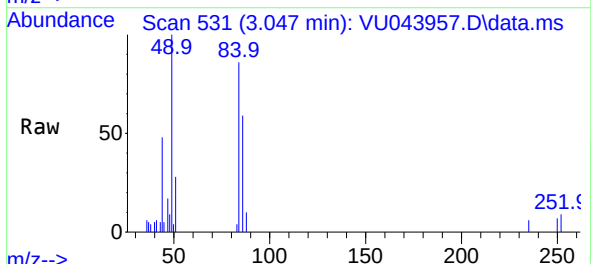
Instrument :
MSVOA_U
ClientSampleId :
GB423DL

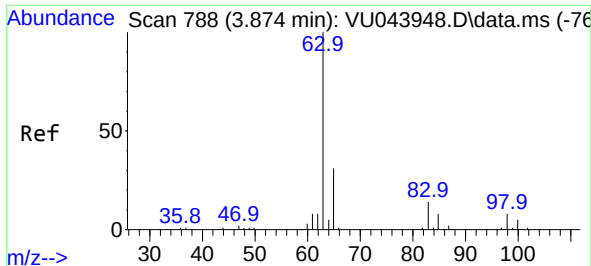
Tgt Ion: 96 Resp: 40699
Ion Ratio Lower Upper
96 100
61 160.5 105.1 195.3
63 131.2 66.6 123.6#



#16
Methylene chloride
Concen: 0.26 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU043957.D
Acq: 25 May 2021 12:36

Tgt Ion: 84 Resp: 4606
Ion Ratio Lower Upper
84 100
86 67.7 45.6 84.8
49 120.6 74.2 137.8

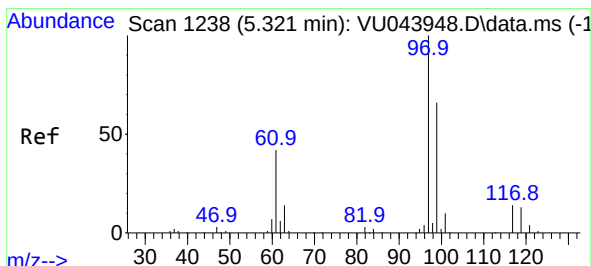
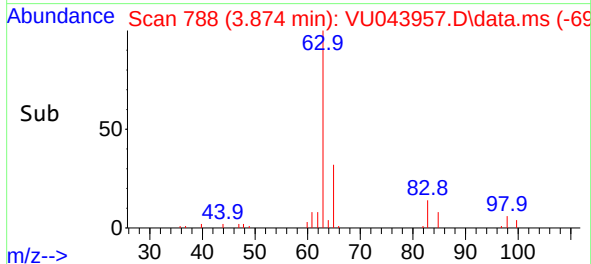
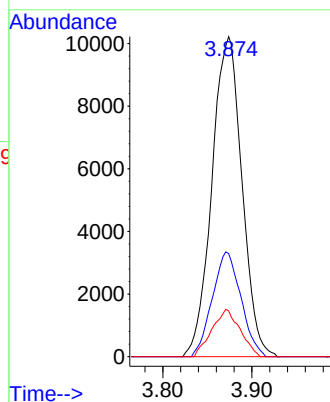
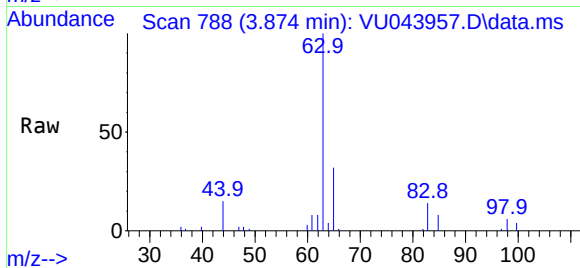




#19
1,1-Dichloroethane
Concen: 0.97 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.000 min
Lab File: VU043957.D
Acq: 25 May 2021 12:36

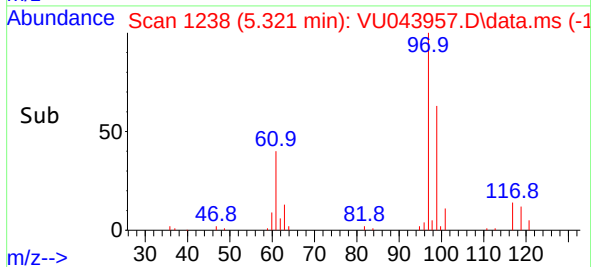
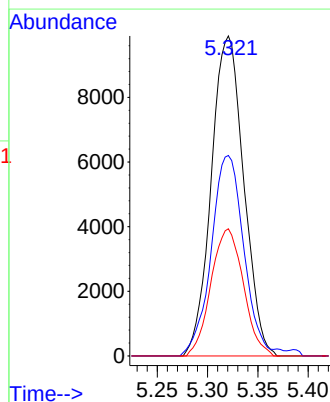
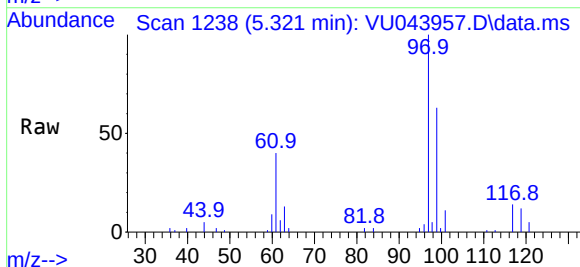
Instrument :
MSVOA_U
ClientSampled :
GB423DL

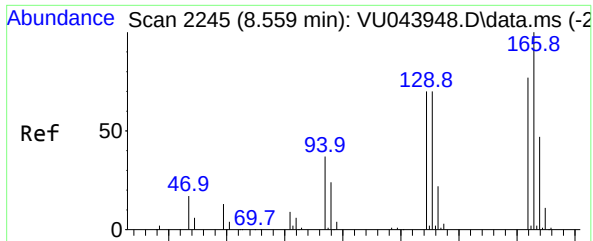
Tgt Ion:	63	Resp:	23902
Ion	Ratio	Lower	Upper
63	100		
65	32.2	23.2	43.2
83	14.3	9.7	18.1



#29
1,1,1-Trichloroethane
Concen: 0.96 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU043957.D
Acq: 25 May 2021 12:36

Tgt Ion:	97	Resp:	22230
Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.9	77.9
61	39.7	34.7	52.1





#47
Tetrachloroethene
Concen: 3.12 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043957.D
Acq: 25 May 2021 12:36

Instrument :
MSVOA_U
ClientSampleId :
GB423DL

Tgt Ion:164 Resp: 42195

Ion	Ratio	Lower	Upper
164	100		
129	89.7	64.1	119.1
131	83.4	64.5	119.9
166	127.6	90.8	168.6

