

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043958.D
 Acq On : 25 May 2021 13:00
 Operator : SY/MD
 Sample : M2494-11DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 58 Sample Multiplier: 1

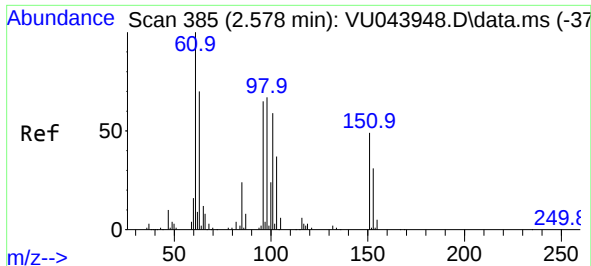
Instrument :
 MSVOA_U
 ClientSampleId :
 GB424DL

Quant Time: May 25 14:30:15 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	6.259	114	206858	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	221283	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	95246	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	58582	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.922	69	44713	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.575	65	28017	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.00%
20) 2-Butanone-d5	4.649	46	163136	44.69	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.38%
24) Chloroform-d	5.073	84	136412	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.713	65	71410	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.739	84	271991	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.700	67	88324	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.906	98	222687	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloroprop...	8.185	79	31412	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.648	63	146211	48.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.76%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	81399	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	93504	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.588	96	59573	4.46	ug/L	# 87
16) Methylene chloride	3.060	84	5680	0.33	ug/L	94
19) 1,1-Dichloroethane	3.880	63	25977	1.09	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	21345	0.93	ug/L	99
34) Trichloroethene	6.549	95	1208	0.08	ug/L	88
47) Tetrachloroethene	8.562	164	44332	3.30	ug/L	99

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



#12

1,1-Dichloroethene

Concen: 4.46 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.010 min

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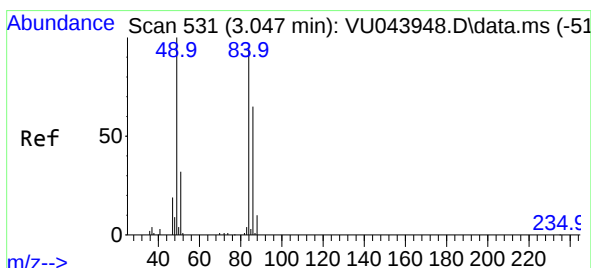
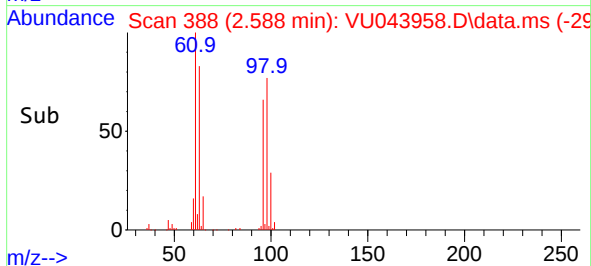
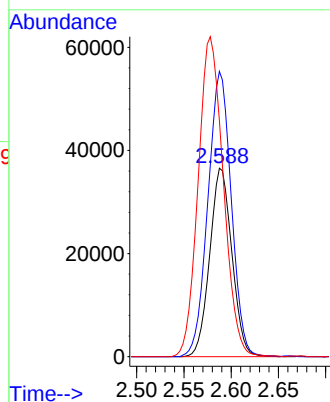
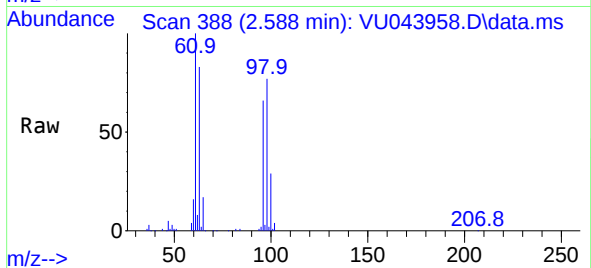
Tgt Ion: 96 Resp: 59573

Ion Ratio Lower Upper

96 100

61 151.3 105.1 195.3

63 125.1 66.6 123.6#



#16

Methylene chloride

Concen: 0.33 ug/L

RT: 3.060 min Scan# 535

Delta R.T. 0.013 min

Lab File: VU043958.D

Acq: 25 May 2021 13:00

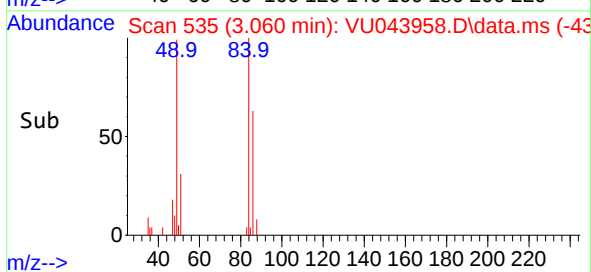
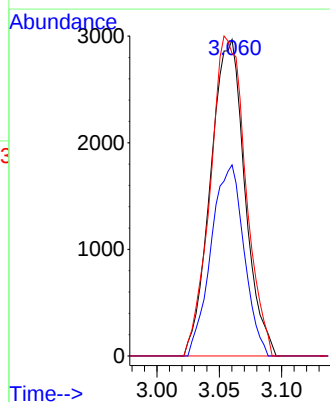
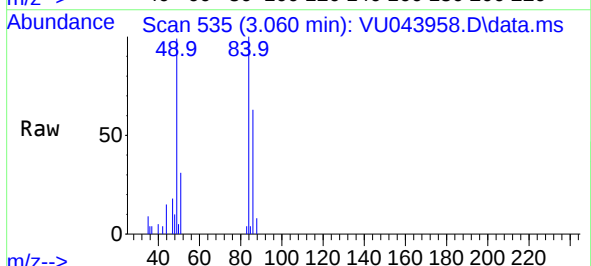
Tgt Ion: 84 Resp: 5680

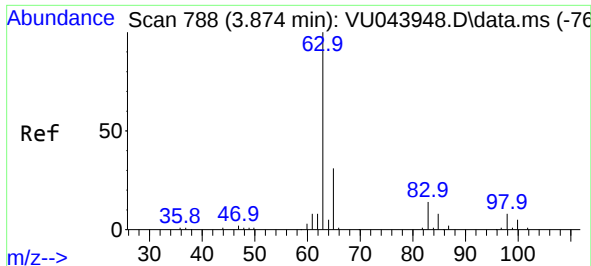
Ion Ratio Lower Upper

84 100

86 60.4 45.6 84.8

49 100.6 74.2 137.8

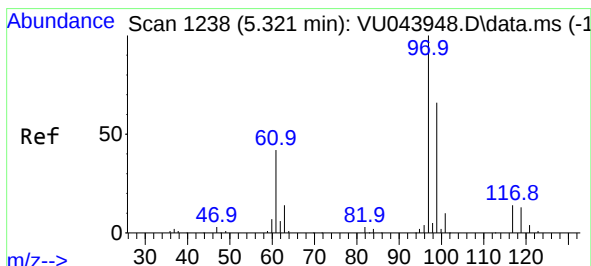
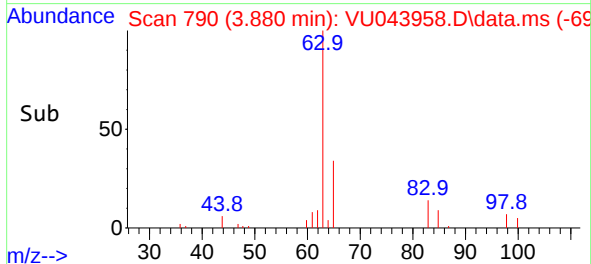
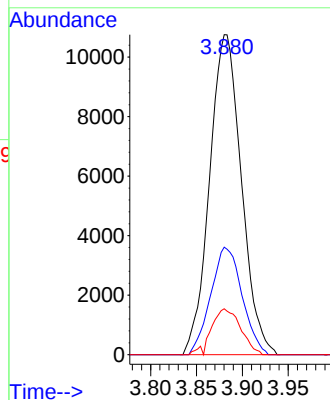
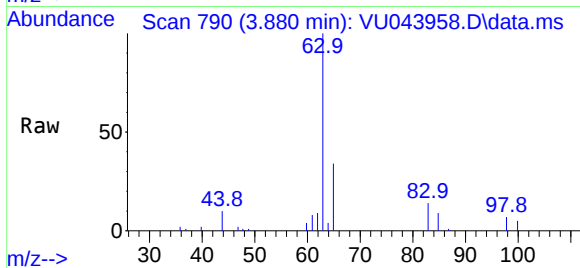




#19
1,1-Dichloroethane
Concen: 1.09 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.006 min
Lab File: VU043958.D
Acq: 25 May 2021 13:00

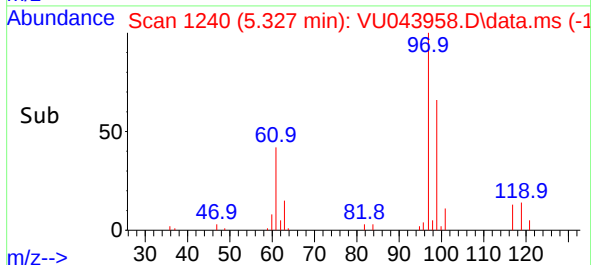
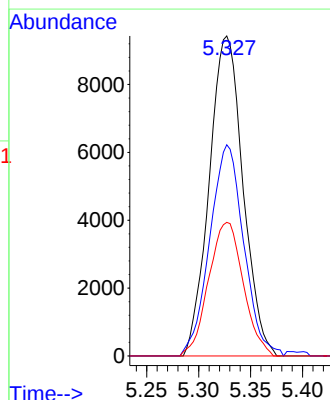
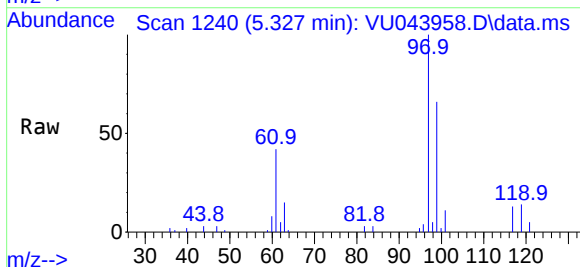
Instrument :
MSVOA_U
ClientSampled :
GB424DL

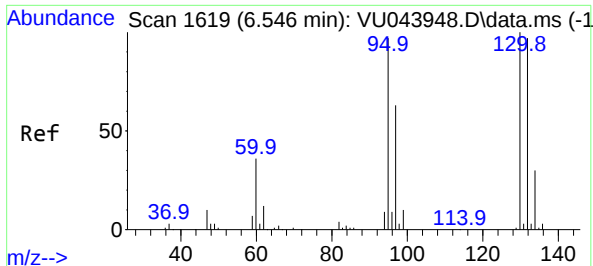
Tgt Ion:	63	Resp:	25977
Ion	Ratio	Lower	Upper
63	100		
65	33.6	23.2	43.2
83	14.3	9.7	18.1



#29
1,1,1-Trichloroethane
Concen: 0.93 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VU043958.D
Acq: 25 May 2021 13:00

Tgt Ion:	97	Resp:	21345
Ion	Ratio	Lower	Upper
97	100		
99	66.4	51.9	77.9
61	42.8	34.7	52.1





#34

Trichloroethene

Concen: 0.08 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. 0.003 min

Lab File: VU043958.D

Acq: 25 May 2021 13:00

Tgt Ion: 95 Resp: 1208

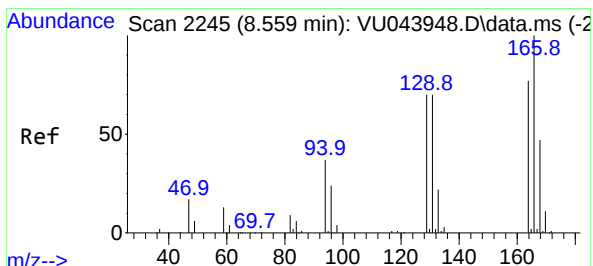
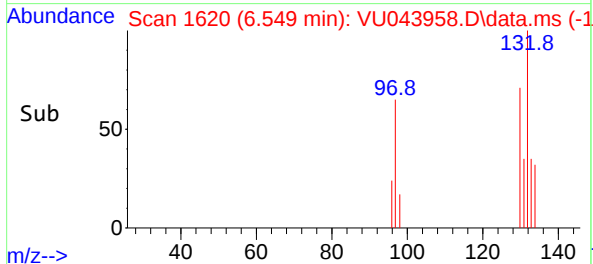
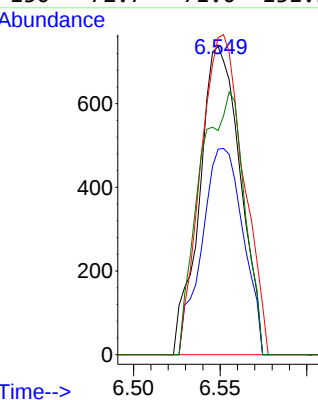
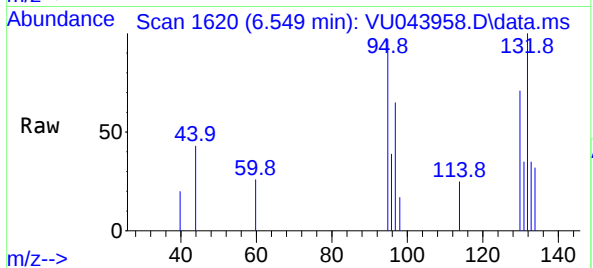
Ion Ratio Lower Upper

95 100

97 66.6 45.5 84.5

132 102.8 70.9 131.7

130 72.7 71.0 131.9



#47

Tetrachloroethene

Concen: 3.30 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. 0.003 min

Lab File: VU043958.D

Acq: 25 May 2021 13:00

Tgt Ion: 164 Resp: 44332

Ion Ratio Lower Upper

164 100

129 92.7 64.1 119.1

131 89.7 64.5 119.9

166 130.2 90.8 168.6

