

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043875.D
 Acq On : 20 May 2021 19:16
 Operator : SY/MD
 Sample : M2475-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

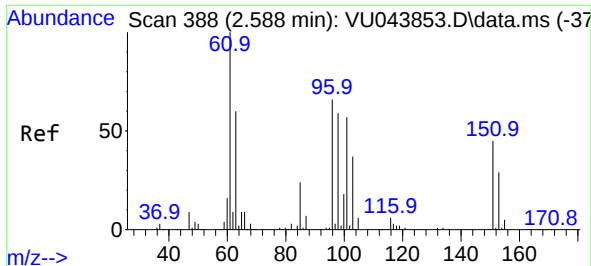
Instrument :
 MSVOA_U
 ClientSampleId :
 GB408

Quant Time: May 21 01:20:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 01:15:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	210499	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	221925	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	103724	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	59282	3.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.40%
7) Chloroethane-d5	1.916	69	42677	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.572	65	26267	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.60%
20) 2-Butanone-d5	4.639	46	158990	53.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.74%
24) Chloroform-d	5.073	84	117415	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.713	65	63570	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.735	84	251882	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.700	67	81648	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.906	98	205164	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
43) trans-1,3-Dichloroprop...	8.185	79	26825	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.645	63	126005	41.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.92%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	66349	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	86655	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.588	96	12524	0.90	ug/L	# 11
13) Acetone	2.645	43	4378	2.34	ug/L	99
19) 1,1-Dichloroethane	3.877	63	3317	0.13	ug/L	96
25) Chloroform	5.099	83	11671	0.45	ug/L	96
29) 1,1,1-Trichloroethane	5.327	97	10799	0.47	ug/L	96
47) Tetrachloroethene	8.562	164	12272	0.92	ug/L	91

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



#12

1,1-Dichloroethene

Concen: 0.90 ug/L

RT: 2.588 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU043875.D

Acq: 20 May 2021 19:16

Tgt Ion: 96 Resp: 12524

Ion Ratio Lower Upper

96 100

61 192.8 117.5 218.1

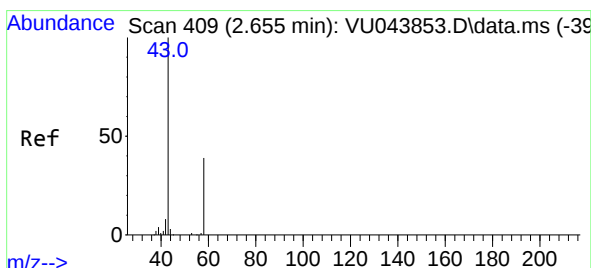
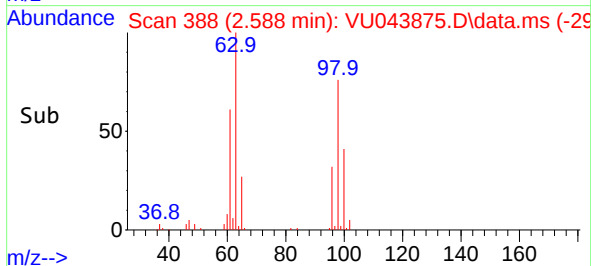
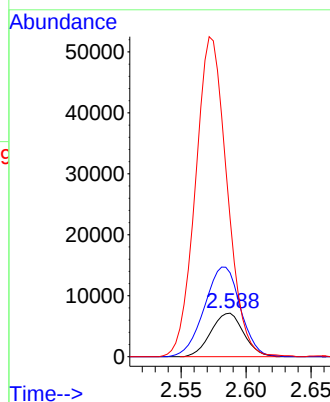
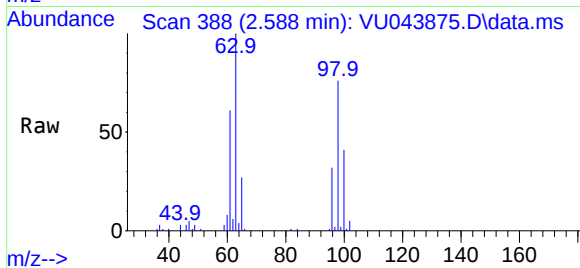
63 317.3 77.3 143.7#

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#13

Acetone

Concen: 2.34 ug/L

RT: 2.645 min Scan# 406

Delta R.T. -0.010 min

Lab File: VU043875.D

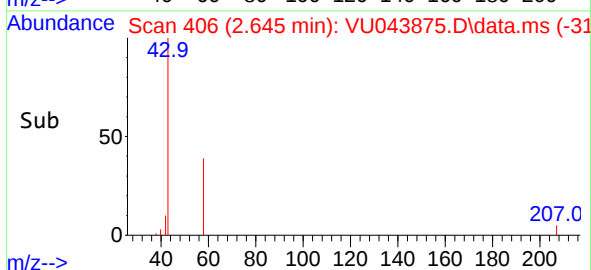
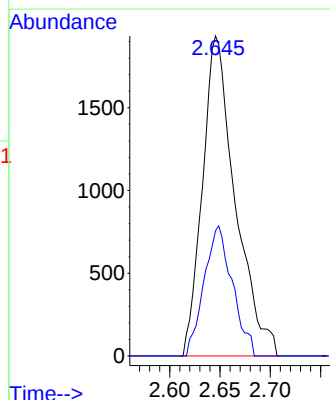
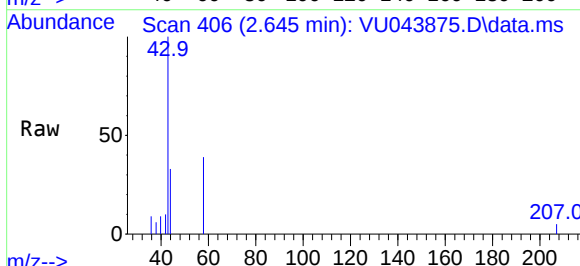
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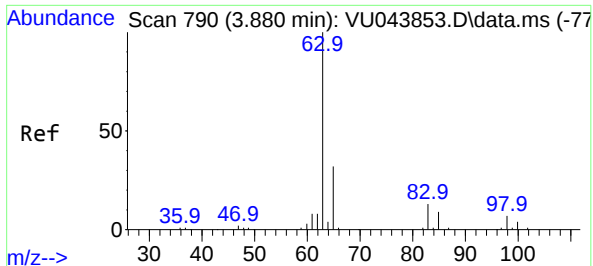
Tgt Ion: 43 Resp: 4378

Ion Ratio Lower Upper

43 100

58 35.0 0.0 71.6

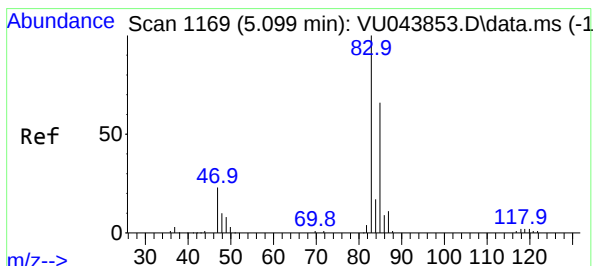
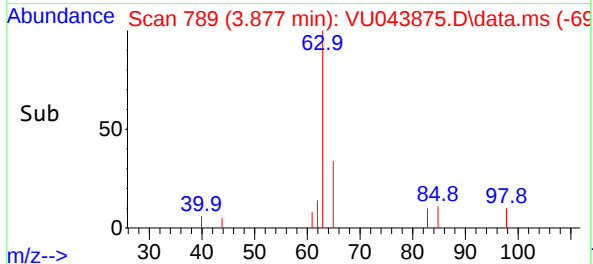
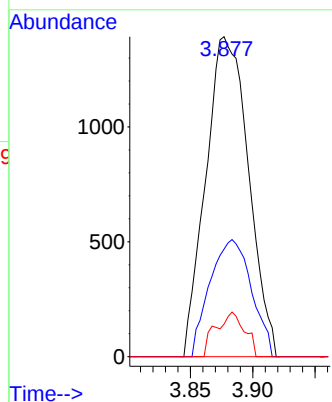
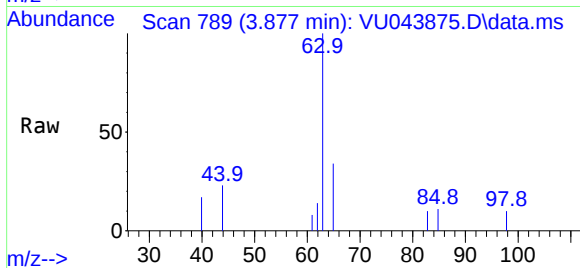




#19
1,1-Dichloroethane
Concen: 0.13 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.003 min
Lab File: VU043875.D
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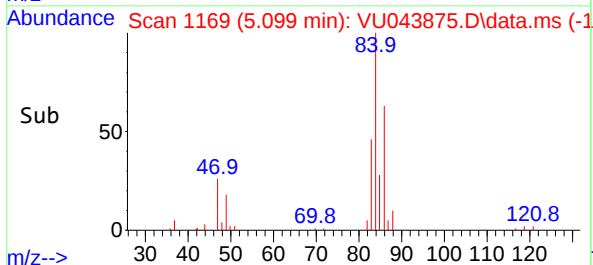
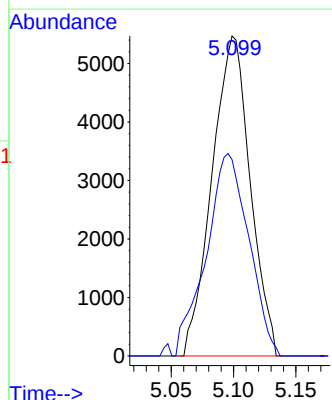
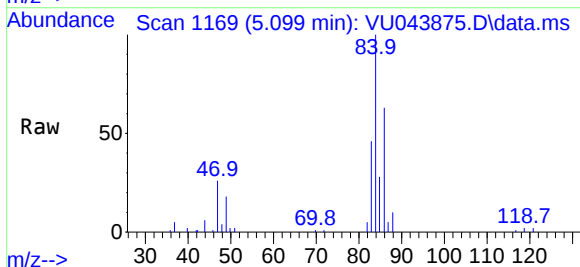
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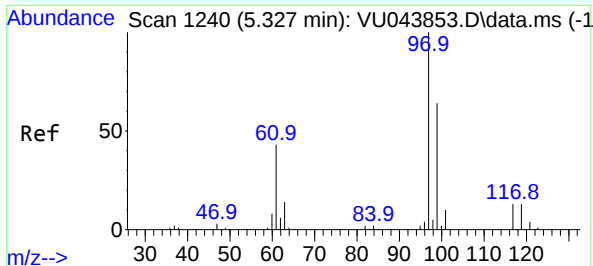
Tgt Ion:	63	Resp:	3317
Ion	Ratio	Lower	Upper
63	100		
65	33.6	22.3	41.3
83	10.1	9.0	16.8



#25
Chloroform
Concen: 0.45 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043875.D
Acq: 20 May 2021 19:16

Tgt Ion:	83	Resp:	11671
Ion	Ratio	Lower	Upper
83	100		
85	61.4	45.0	83.6



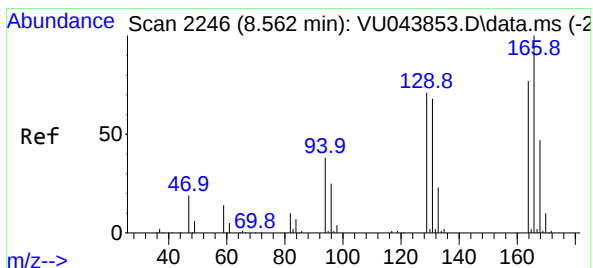
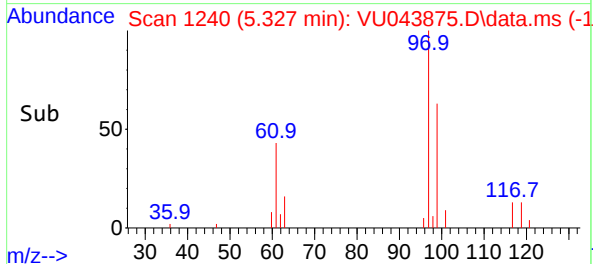
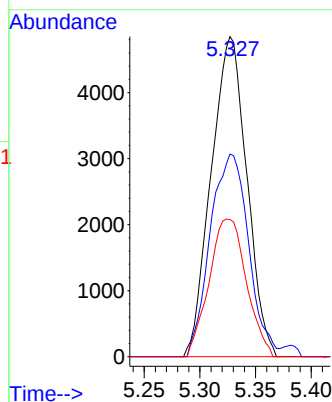
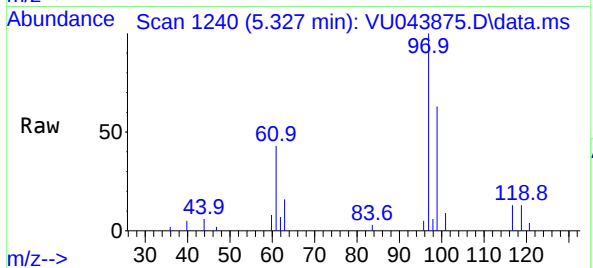


#29
1,1,1-Trichloroethane
Concen: 0.47 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU043875.D
Acq: 20 May 2021 19:16

Instrument :
MSVOA_U
ClientSampleId :
GB408

Tgt Ion: 97 Resp: 10799

Ion	Ratio	Lower	Upper
97	100		
99	68.1	51.1	76.7
61	44.9	37.0	55.4



#47
Tetrachloroethene
Concen: 0.92 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043875.D
Acq: 20 May 2021 19:16

Tgt Ion: 164 Resp: 12272

Ion	Ratio	Lower	Upper
164	100		
129	99.9	64.1	119.1
131	97.3	61.2	113.8
166	135.5	87.8	163.2

