

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043937.D
 Acq On : 25 May 2021 03:11
 Operator : SY/MD
 Sample : M2464-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB447

Manual Integrations
 APPROVED

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 5/26/2021 12:27:54 PM

Quant Time: May 25 07:48:30 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	160639	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	169619	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	73305	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	5770	0.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	13.00%#
7) Chloroethane-d5	1.922	69	42156	6.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	130.60%#
11) 1,1-Dichloroethene-d2	0.000	65	0	0.00	ug/L	
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.00%#
20) 2-Butanone-d5	4.649	46	154008	54.32	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.64%
24) Chloroform-d	5.073	84	121711	5.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.00%
26) 1,2-Dichloroethane-d4	5.710	65	64196	6.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.60%
32) Benzene-d6	5.739	84	242760	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.80%
36) 1,2-Dichloropropane-d6	6.700	67	79597	5.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.00%
41) Toluene-d8	7.906	98	75054	1.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	37.80%#
43) trans-1,3-Dichloroprop...	8.186	79	24717	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.652	63	129260	56.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.76%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	73972	5.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	84159	6.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	126.40%#
Target Compounds						Qvalue
3) Chloromethane	1.523	50	24563	2.14	ug/L	96
6) Bromomethane	1.871	94	799	0.12	ug/L	88
13) Acetone	2.658	43	8131m	5.44	ug/L	
19) 1,1-Dichloroethane	3.880	63	48593	2.62	ug/L	100
25) Chloroform	5.102	83	5068	0.25	ug/L	93
27) 1,2-Dichloroethane	5.803	62	4374	0.36	ug/L	96
29) 1,1,1-Trichloroethane	5.327	97	181983	10.36	ug/L	98
47) Tetrachloroethene	8.559	164	5619	0.55	ug/L	96
59) Bromoform	10.298	173	7800	1.48	ug/L	99

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

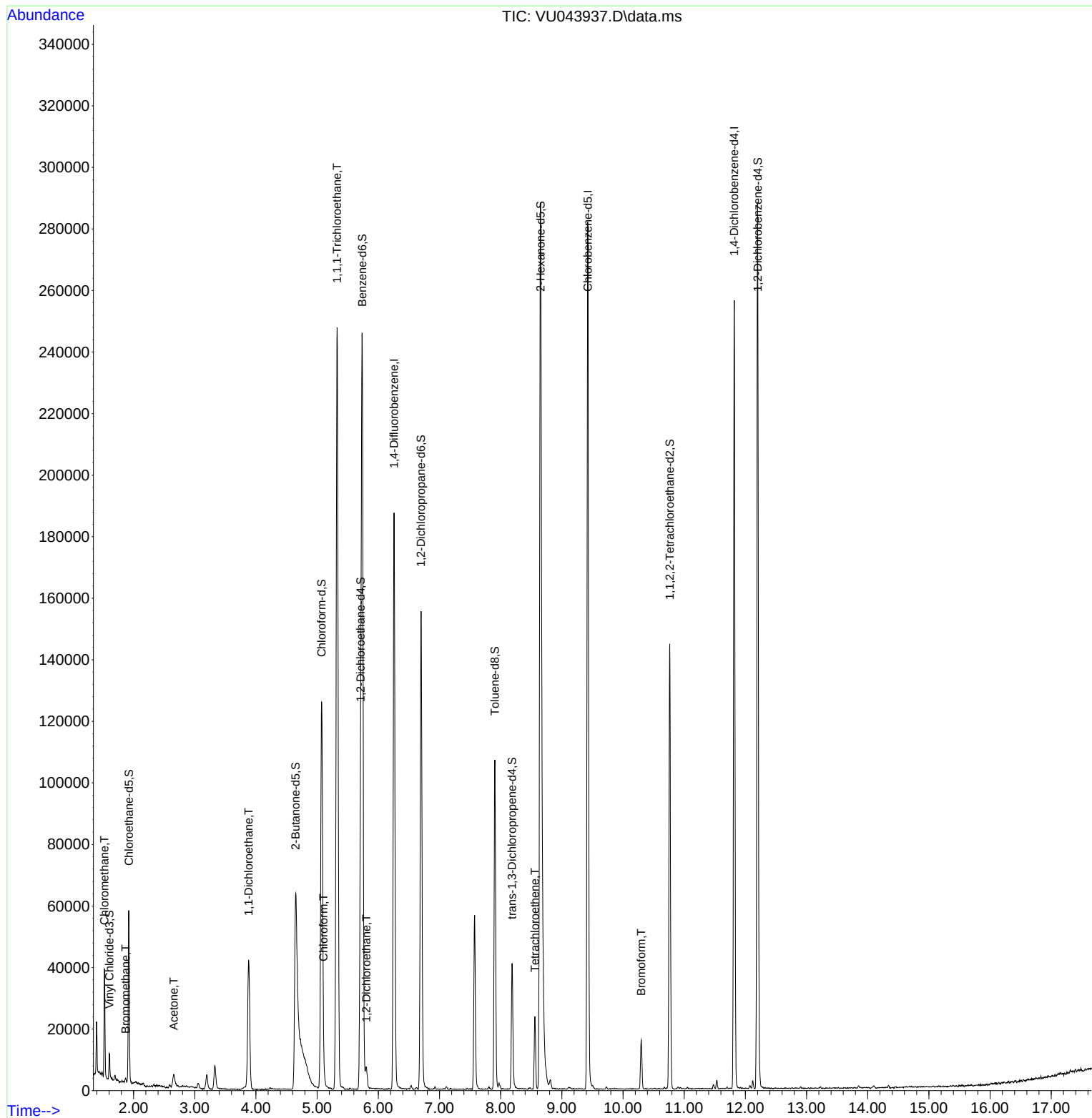
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
Data File : VU043937.D
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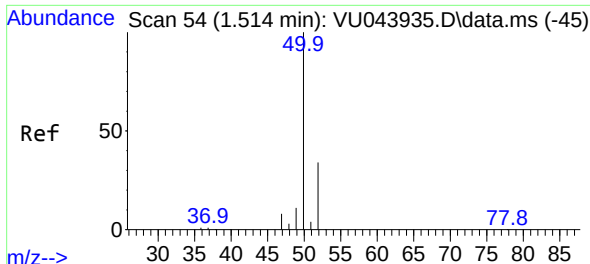
Instrument :
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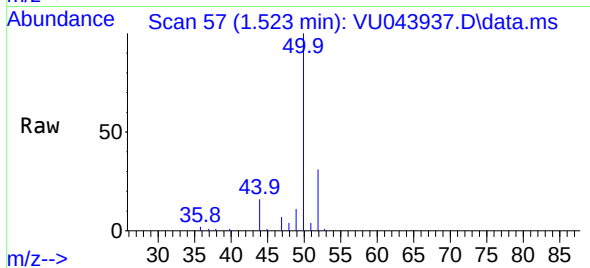
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue May 25 07:46:23 2021
Response via : Initial Calibration





#3
Chloromethane
Concen: 2.14 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.010 min
Lab File: VU043937.D
Acq: 25 May 2021 03:11

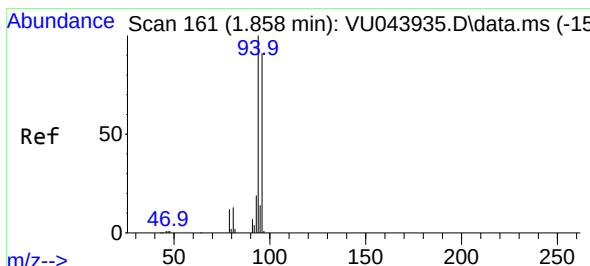
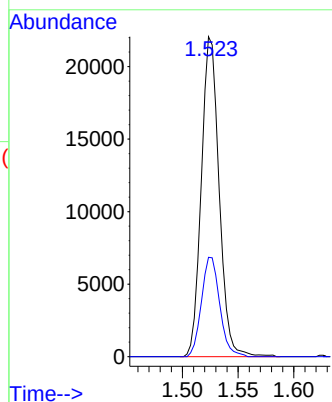
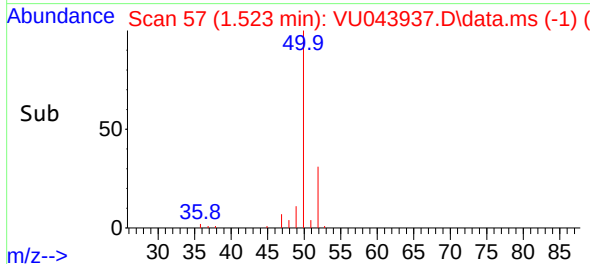
Instrument :
MSVOA_U
ClientSampled :
GB447



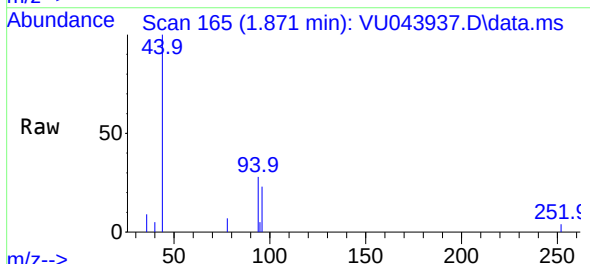
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Ion Ratio Lower Upper
50 100
52 31.1 23.4 43.4

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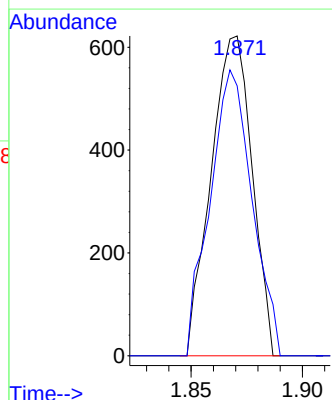
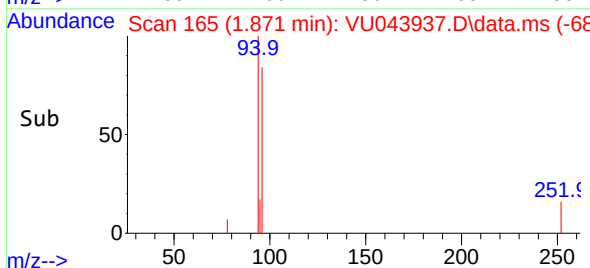
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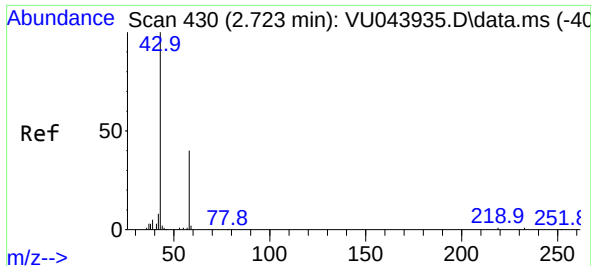


#6
Bromomethane
Concen: 0.12 ug/L
RT: 1.871 min Scan# 165
Delta R.T. 0.013 min
Lab File: VU043937.D
Acq: 25 May 2021 03:11



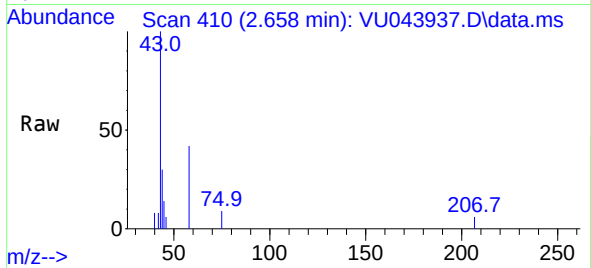
Tgt Ion: 94 Resp: 799
Ion Ratio Lower Upper
94 100
96 84.4 67.1 124.7





#13
Acetone
Concen: 5.44 ug/L m
RT: 2.658 min Scan# 410
Delta R.T. -0.064 min
Lab File: VU043937.D
Acq: 25 May 2021 03:11

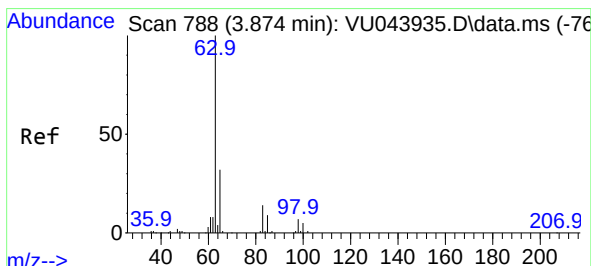
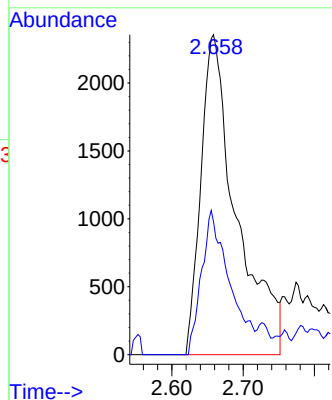
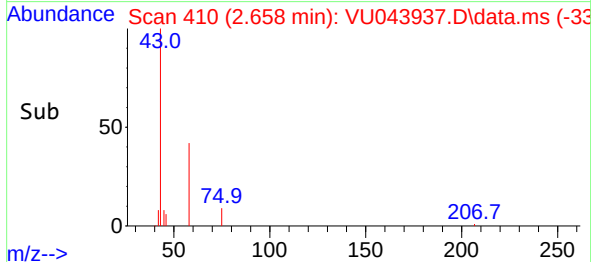
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GB447



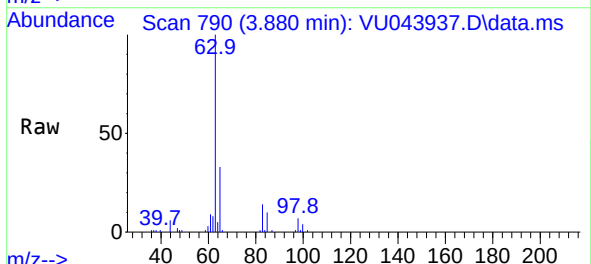
Tgt Ion: 43 Resp: 8131
Ion Ratio Lower Upper
43 100
58 1.3 0.0 46.2

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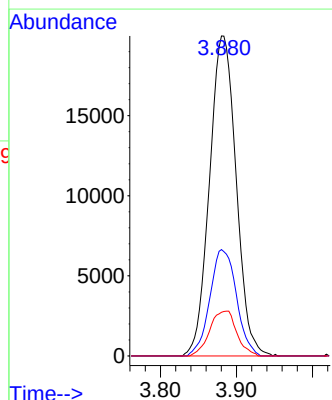
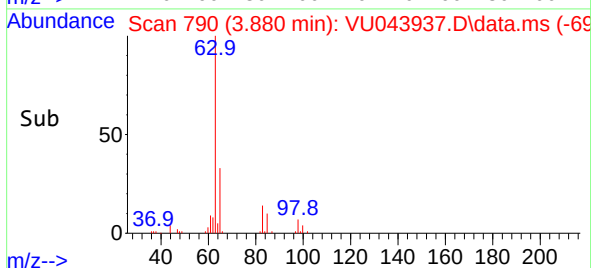
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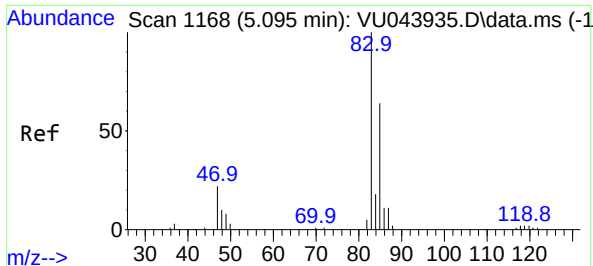


#19
1,1-Dichloroethane
Concen: 2.62 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.007 min
Lab File: VU043937.D
Acq: 25 May 2021 03:11



Tgt Ion: 63 Resp: 48593
Ion Ratio Lower Upper
63 100
65 33.3 23.2 43.2
83 13.6 9.7 18.1





#25

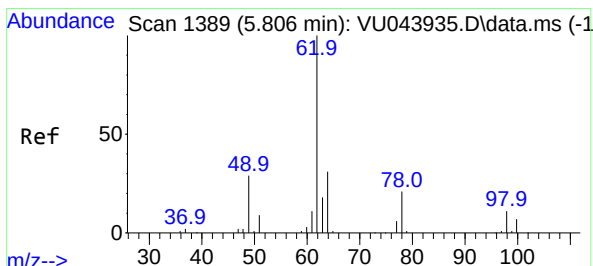
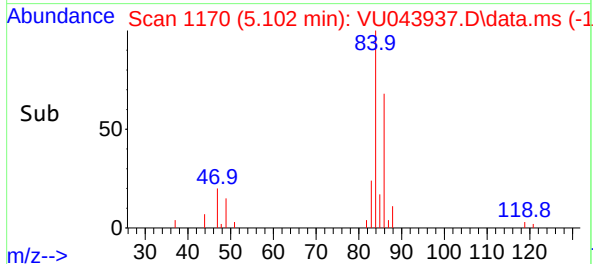
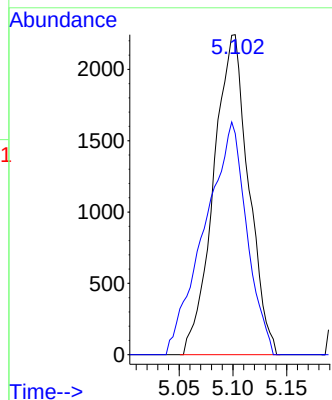
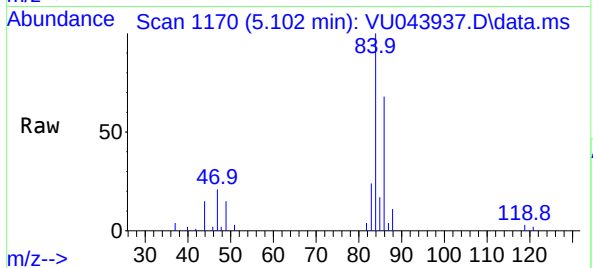
Chloroform
Concen: 0.25 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.007 min
Lab File: VU043937.D
Acq: 25 May 2021 03:11

Tgt Ion: 83 Resp: 5068
Ion Ratio Lower Upper
83 100
85 69.1 44.7 82.9

Instrument :
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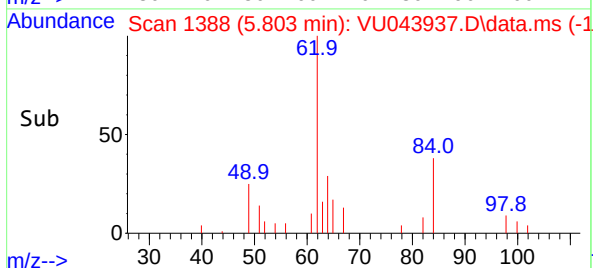
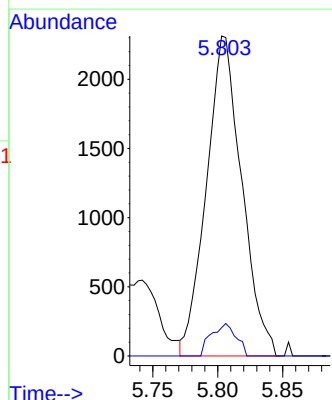
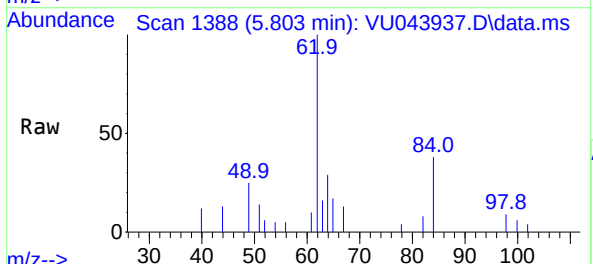
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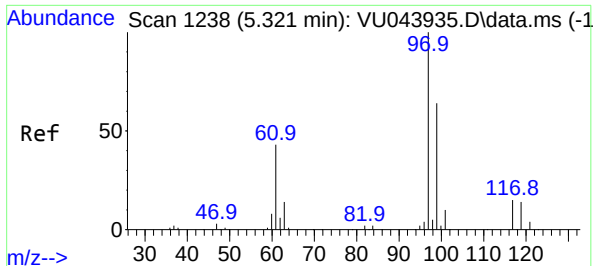


#27

1,2-Dichloroethane
Concen: 0.36 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU043937.D
Acq: 25 May 2021 03:11

Tgt Ion: 62 Resp: 4374
Ion Ratio Lower Upper
62 100
98 8.9 8.3 12.5





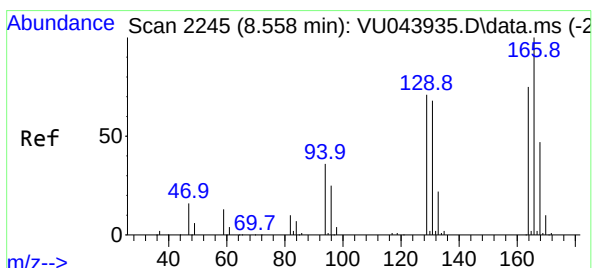
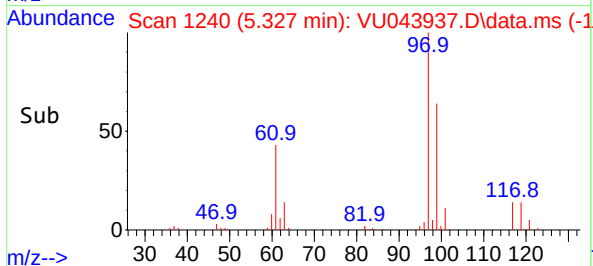
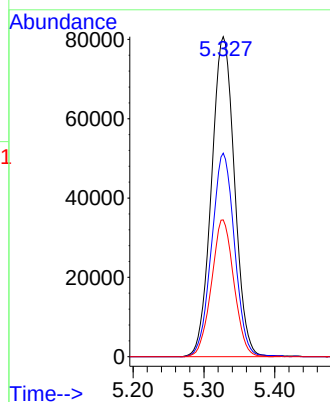
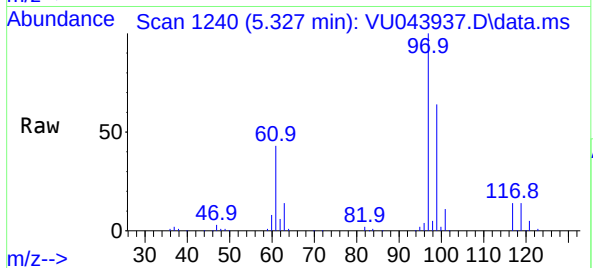
#29
1,1,1-Trichloroethane
Concen: 10.36 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.007 min
Lab File: VU043937.D
Acq: 25 May 2021 03:11

Tgt Ion: 97 Resp: 181983
Ion Ratio Lower Upper
97 100
99 63.5 51.9 77.9
61 41.7 34.7 52.1

Instrument :
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ClientSampled :
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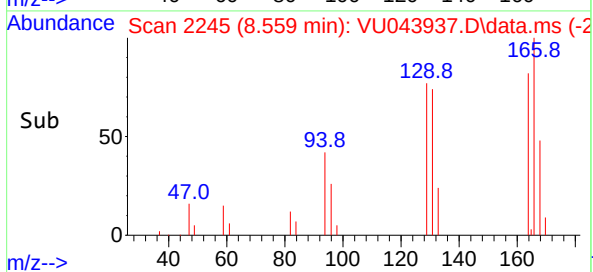
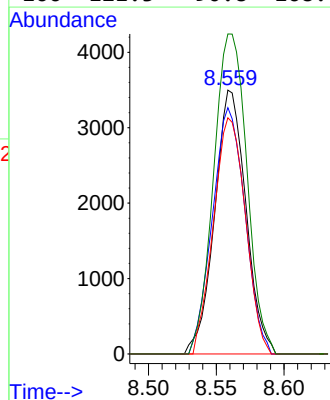
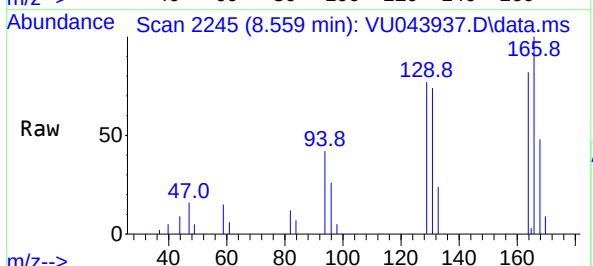
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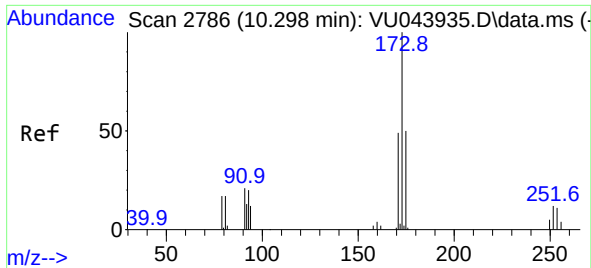
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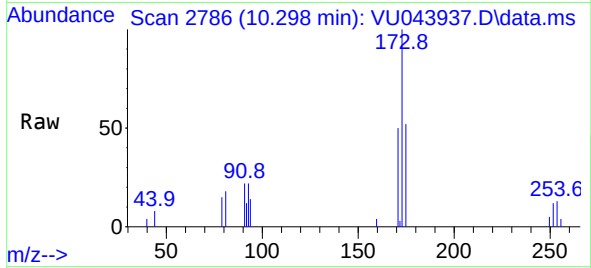
#47
Tetrachloroethene
Concen: 0.55 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043937.D
Acq: 25 May 2021 03:11

Tgt Ion:164 Resp: 5619
Ion Ratio Lower Upper
164 100
129 93.3 64.1 119.1
131 89.5 64.5 119.9
166 121.3 90.8 168.6

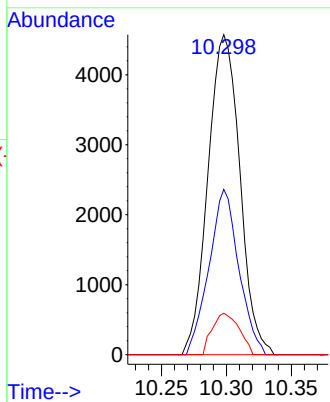
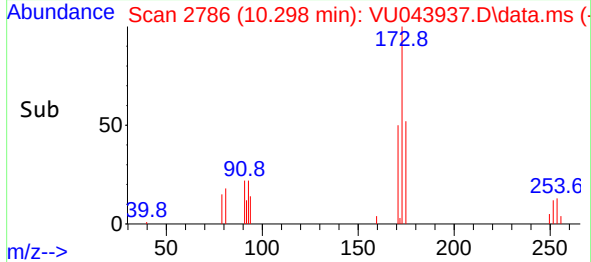




#59
 Bromoform
 Concen: 1.48 ug/L
 RT: 10.298 min Scan# 2786
 Delta R.T. 0.000 min
 Lab File: VU043937.D
 Acq: 25 May 2021 03:11



Tgt Ion:	173	Resp:	7800
Ion	Ratio	Lower	Upper
173	100		
175	48.3	38.8	58.2
254	10.9	9.3	13.9



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