

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043934.D
 Acq On : 25 May 2021 01:36
 Operator : SY/MD
 Sample : M2494-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB417

Manual Integrations
 APPROVED

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 5/26/2021 12:27:50 PM

Quant Time: May 25 04:15:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 04:12:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	169505	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	175170	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	74858	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	46226	4.90	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.00%			
7) Chloroethane-d5	1.913	69	35894	5.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.40%			
11) 1,1-Dichloroethene-d2	2.565	65	19500	4.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.00%			
20) 2-Butanone-d5	4.694	46	185010	61.84	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 123.68%			
24) Chloroform-d	5.073	84	120858	5.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.00%			
26) 1,2-Dichloroethane-d4	5.713	65	65341	5.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 117.20%			
32) Benzene-d6	5.732	84	245931	5.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.60%			
36) 1,2-Dichloropropane-d6	6.700	67	81509	5.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 115.20%			
41) Toluene-d8	7.903	98	206992	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.20%			
43) trans-1,3-Dichloroprop...	8.186	79	28628	5.30	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 106.00%			
46) 2-Hexanone-d5	8.649	63	133408	56.34	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.68%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	71684	5.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.20%			
66) 1,2-Dichlorobenzene-d4	12.198	152	83596	6.15	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 123.00%#			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	260646	23.80	ug/L #	86
13) Acetone	2.726	43	4178m	2.65	ug/L	
18) trans-1,2-Dichloroethene	3.343	96	2424	0.22	ug/L	86
19) 1,1-Dichloroethane	3.874	63	266131	13.62	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	18705	1.54	ug/L	97
27) 1,2-Dichloroethane	5.806	62	7162	0.56	ug/L	98
34) Trichloroethene	6.546	95	227066	18.42	ug/L	98
42) Toluene	7.973	91	4185	0.08	ug/L	85
47) Tetrachloroethene	8.559	164	1969	0.19	ug/L	98

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

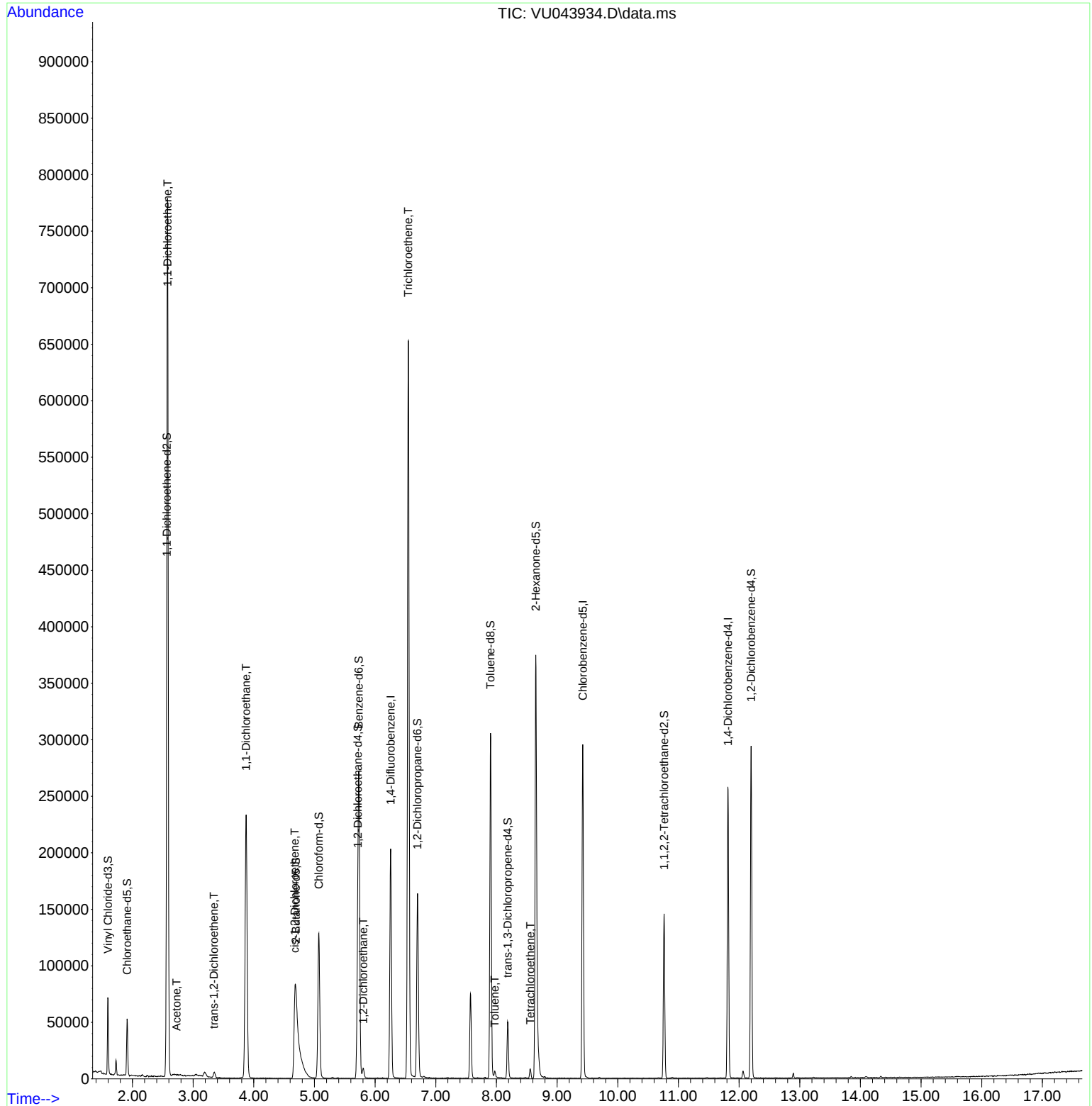
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Data File : VU043934.D
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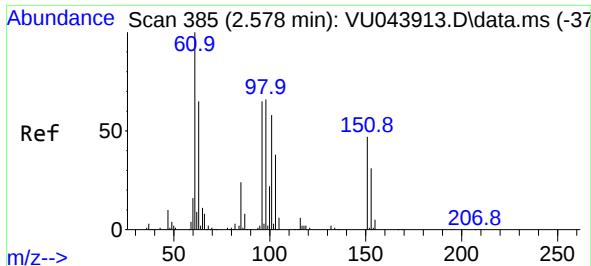
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Quant Time: May 25 04:15:44 2021
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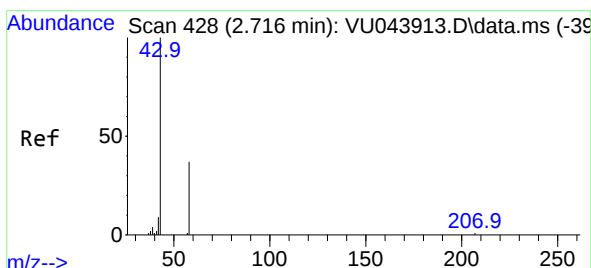
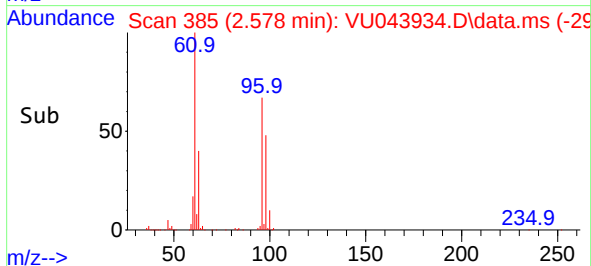
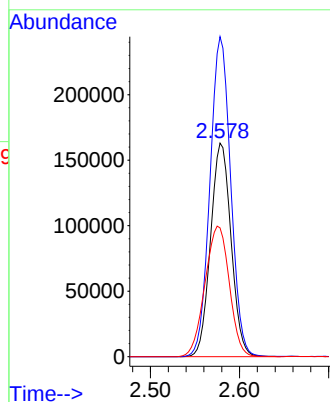
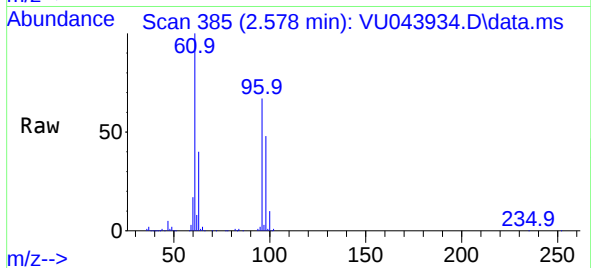
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1,1-Dichloroethene
Concen: 23.80 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU043934.D
Acq: 25 May 2021 01:36

Tgt Ion: 96 Resp: 260646
Ion Ratio Lower Upper
96 100
61 149.9 105.1 195.3
63 60.4 66.6 123.6#

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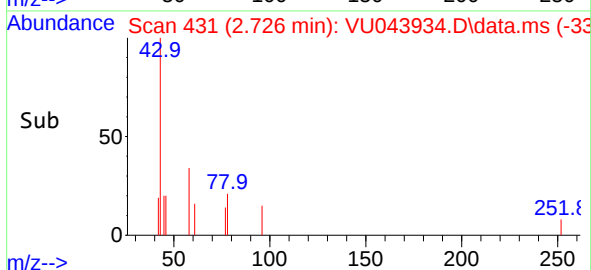
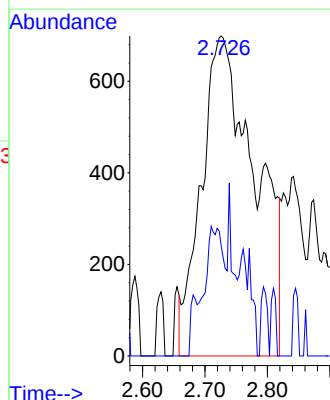
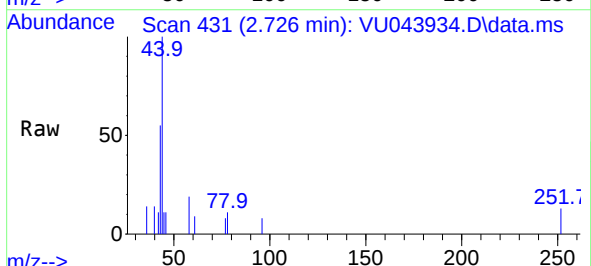
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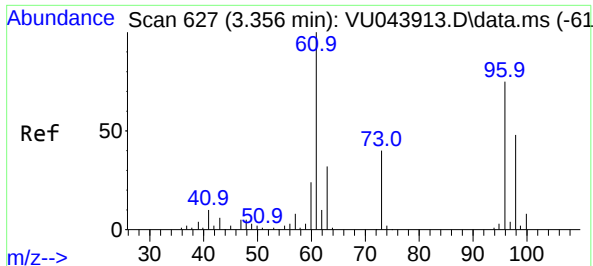
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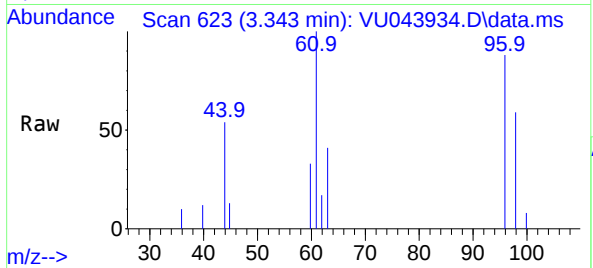
#13
Acetone
Concen: 2.65 ug/L m
RT: 2.726 min Scan# 431
Delta R.T. 0.010 min
Lab File: VU043934.D
Acq: 25 May 2021 01:36

Tgt Ion: 43 Resp: 4178
Ion Ratio Lower Upper
43 100
58 1.4 0.0 46.2

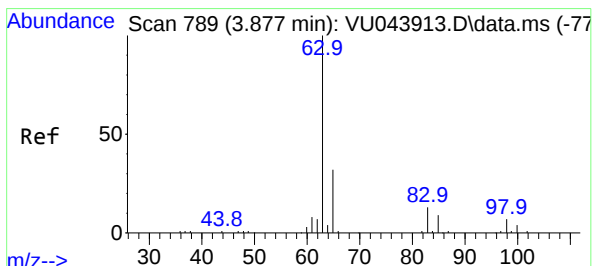
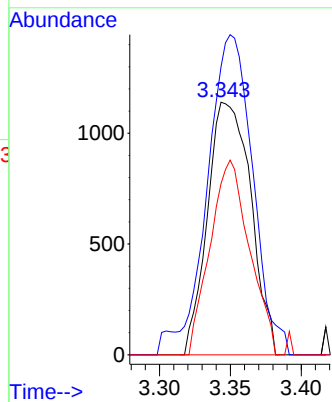
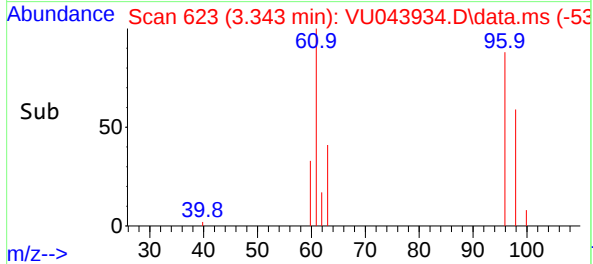




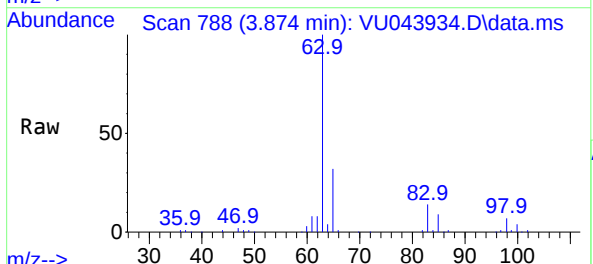
#18
trans-1,2-Dichloroethene
Concen: 0.22 ug/L
RT: 3.343 min Scan# 623
Delta R.T. -0.013 min
Lab File: VU043934.D
Acq: 25 May 2021 01:36



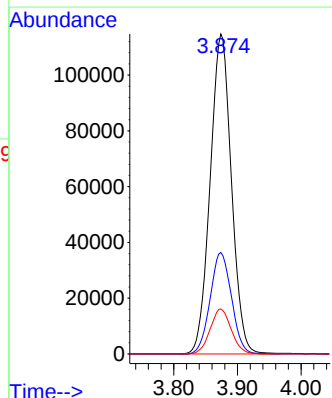
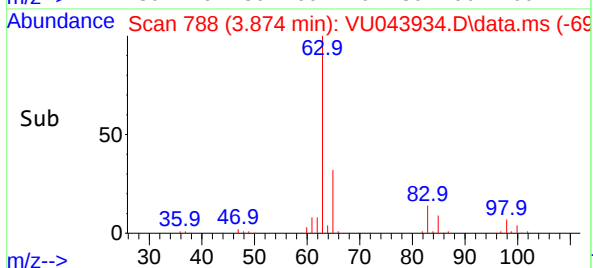
Tgt Ion: 96 Resp: 2424
Ion Ratio Lower Upper
96 100
61 113.9 93.9 174.3
98 67.7 43.5 80.7



#19
1,1-Dichloroethane
Concen: 13.62 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.003 min
Lab File: VU043934.D
Acq: 25 May 2021 01:36



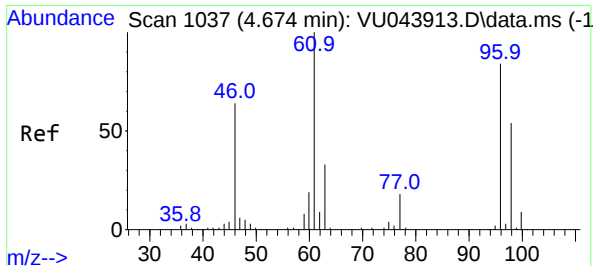
Tgt Ion: 63 Resp: 266131
Ion Ratio Lower Upper
63 100
65 31.7 23.2 43.2
83 14.0 9.7 18.1



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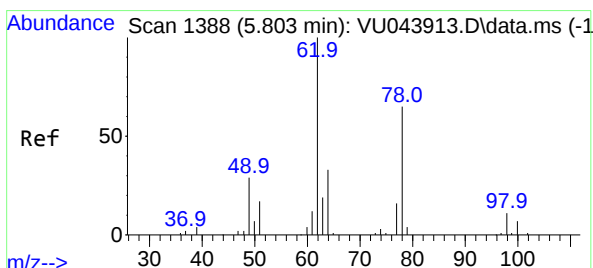
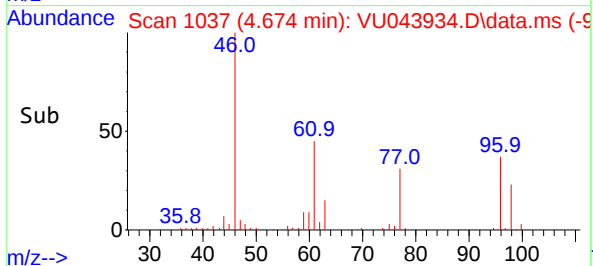
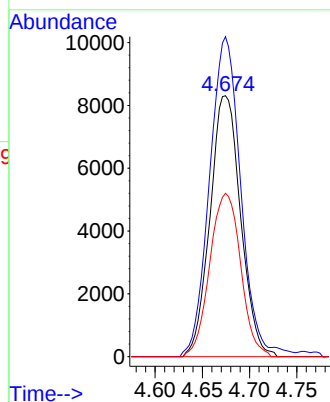
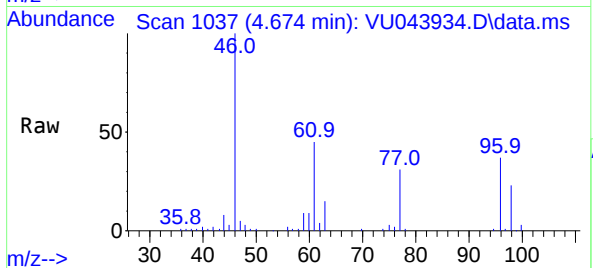
#22
cis-1,2-Dichloroethene
Concen: 1.54 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU043934.D
Acq: 25 May 2021 01:36

Tgt Ion:	96	Resp:	18705
Ion	Ratio	Lower	Upper
96	100		
61	122.6	82.9	153.9
98	62.6	43.3	80.5

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MSVOA_U
ClientSampled :
GB417

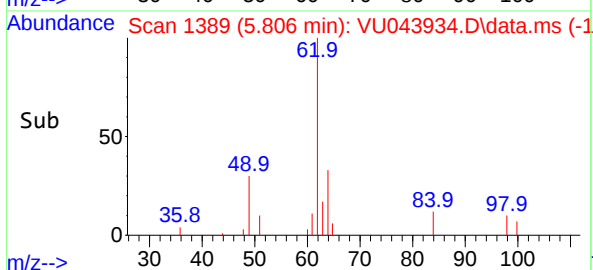
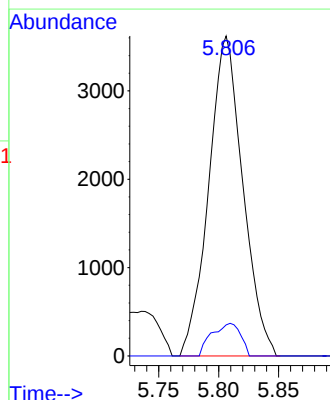
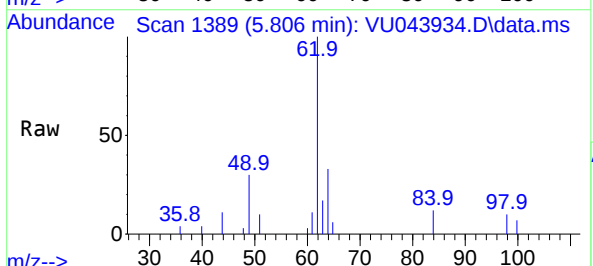
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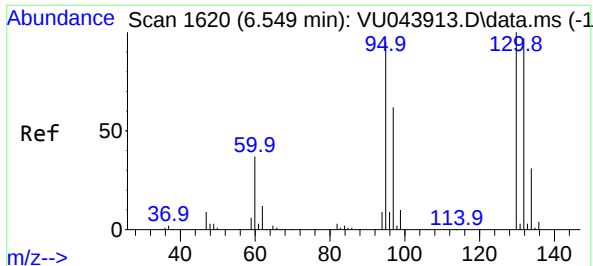
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#27
1,2-Dichloroethane
Concen: 0.56 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU043934.D
Acq: 25 May 2021 01:36

Tgt Ion:	62	Resp:	7162
Ion	Ratio	Lower	Upper
62	100		
98	9.7	8.3	12.5





#34

Trichloroethene

Concen: 18.42 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.003 min

Lab File: VU043934.D

Acq: 25 May 2021 01:36

Tgt Ion: 95 Resp: 227066

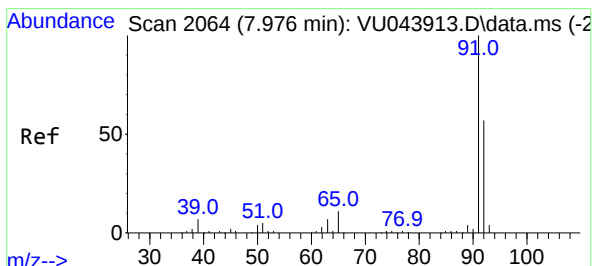
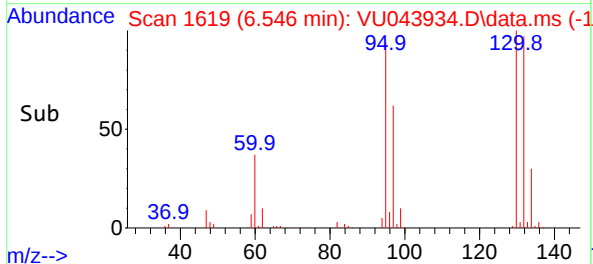
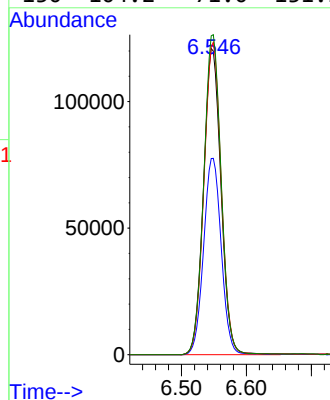
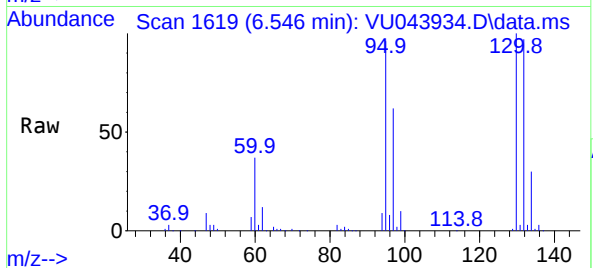
Ion Ratio Lower Upper

95 100

97 64.1 45.5 84.5

132 100.6 70.9 131.7

130 104.2 71.0 131.9



#42

Toluene

Concen: 0.08 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU043934.D

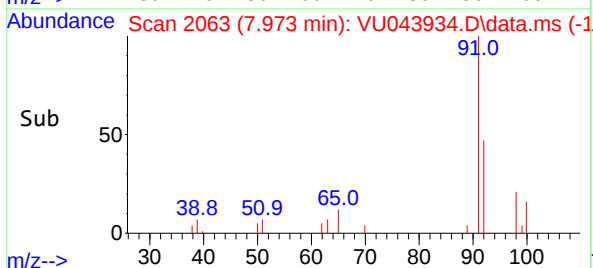
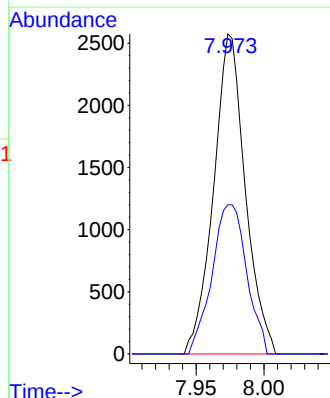
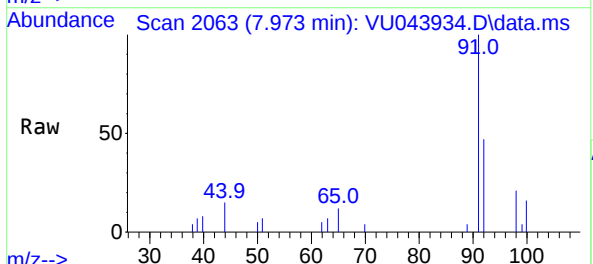
Acq: 25 May 2021 01:36

Tgt Ion: 91 Resp: 4185

Ion Ratio Lower Upper

91 100

92 46.6 40.5 75.1



Instrument :

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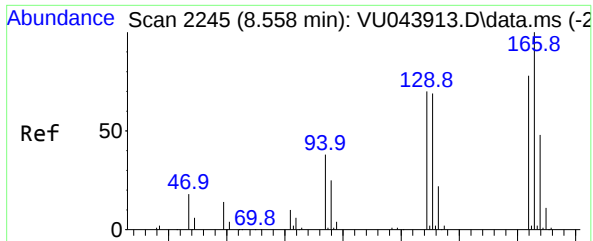
GB417

Manual Integrations

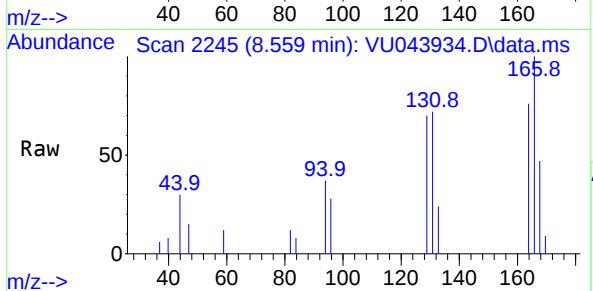
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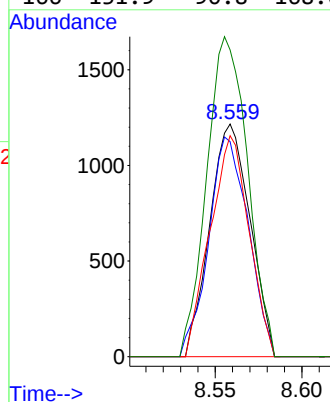
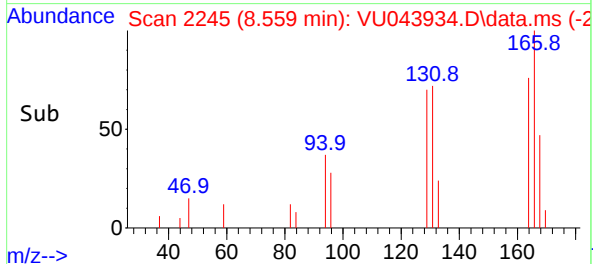


#47
Tetrachloroethene
Concen: 0.19 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043934.D
Acq: 25 May 2021 01:36



Tgt Ion:164 Resp: 1969

Ion	Ratio	Lower	Upper
164	100		
129	92.4	64.1	119.1
131	95.0	64.5	119.9
166	131.9	90.8	168.6



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