

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043961.D
 Acq On : 25 May 2021 14:12
 Operator : SY/MD
 Sample : M2494-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB418

Manual Integrations
 APPROVED

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 5/26/2021 12:28:30 PM

Quant Time: May 25 14:30:57 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	225584	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	236605	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	101232	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	56173	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.919	69	41791	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.575	65	27554	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.20%
20) 2-Butanone-d5	4.649	46	177712m	44.64	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.28%
24) Chloroform-d	5.073	84	132611	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.713	65	69210	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.739	84	263664	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.700	67	86601	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.906	98	216603	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloroprop...	8.185	79	29645	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.648	63	141900	44.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.74%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	78037	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	90387	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.588	96	362186	24.85	ug/L	# 85
13) Acetone	2.655	43	6000	2.86	ug/L	81
18) trans-1,2-Dichloroethene	3.362	96	2263	0.15	ug/L	92
19) 1,1-Dichloroethane	3.880	63	261438	10.05	ug/L	99
22) cis-1,2-Dichloroethene	4.678	96	18814	1.16	ug/L	94
27) 1,2-Dichloroethane	5.803	62	6686	0.39	ug/L	98
34) Trichloroethene	6.549	95	224858	13.50	ug/L	98
47) Tetrachloroethene	8.558	164	1914	0.13	ug/L	97

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

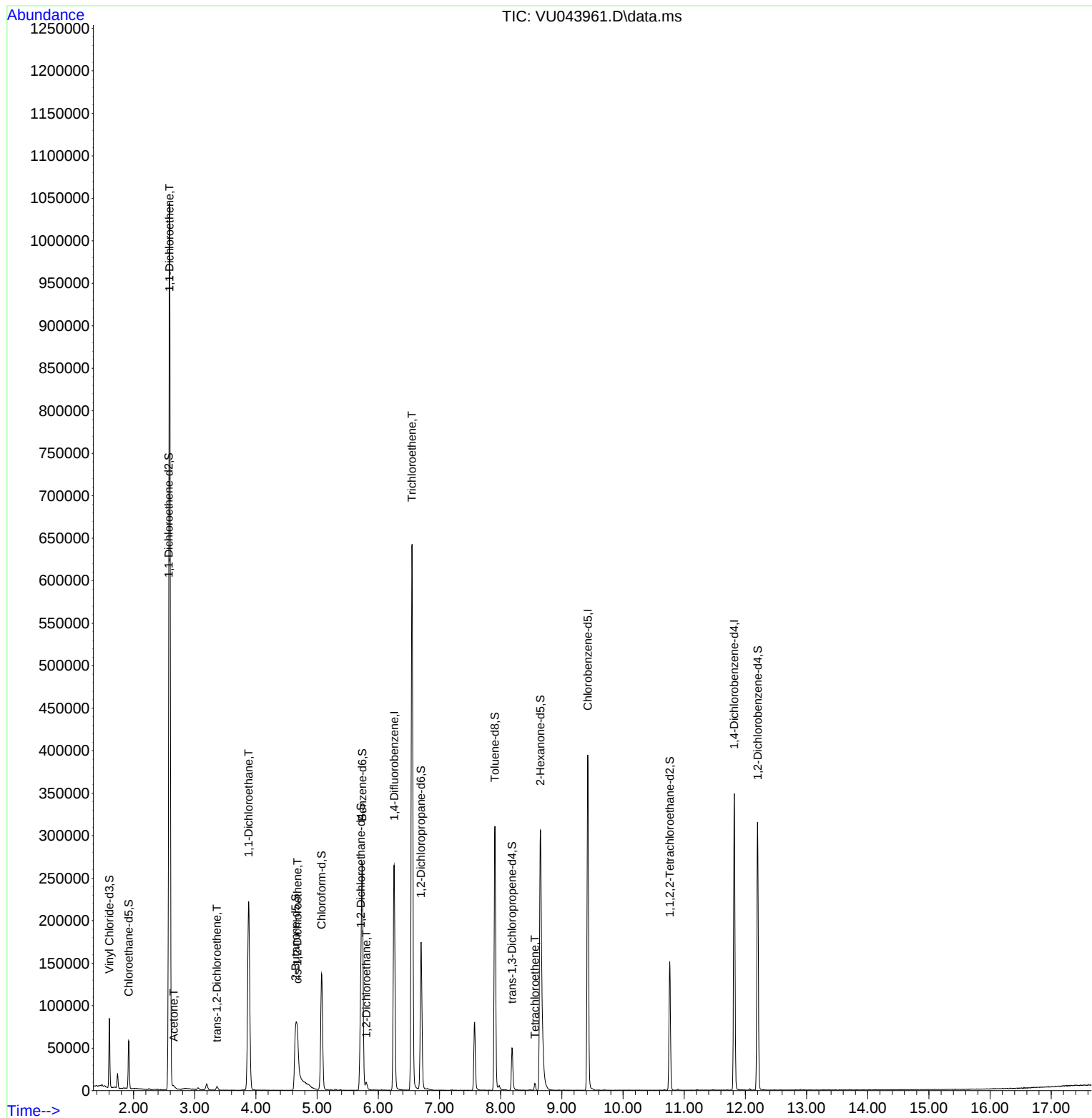
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
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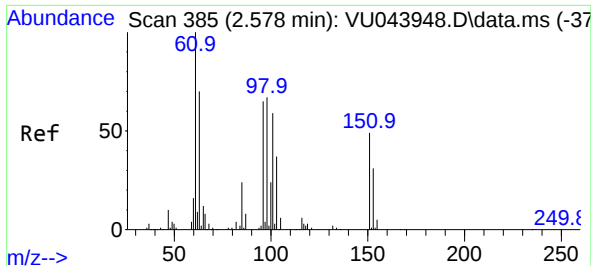
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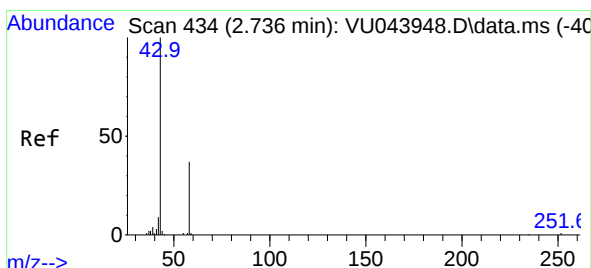
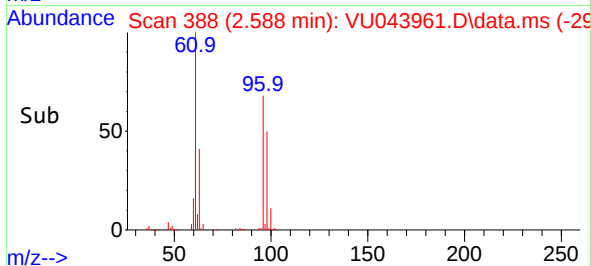
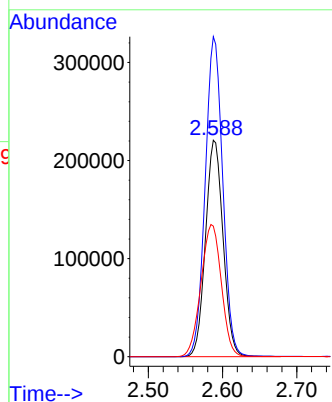
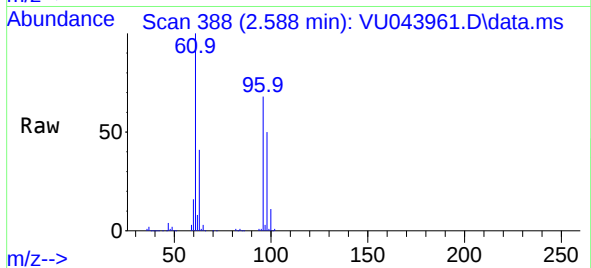
#12
1,1-Dichloroethene
Concen: 24.85 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.010 min
Lab File: VU043961.D
Acq: 25 May 2021 14:12

Tgt Ion: 96 Resp: 362186
Ion Ratio Lower Upper
96 100
61 147.8 105.1 195.3
63 60.3 66.6 123.6#

Instrument :
MSVOA_U
ClientSampled :
GB418

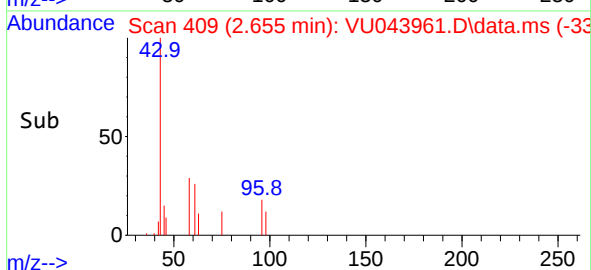
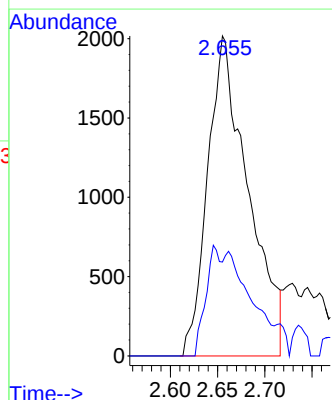
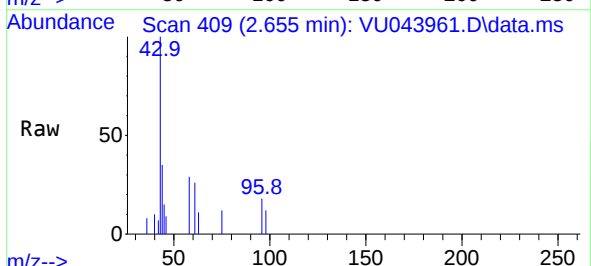
Manual Integrations
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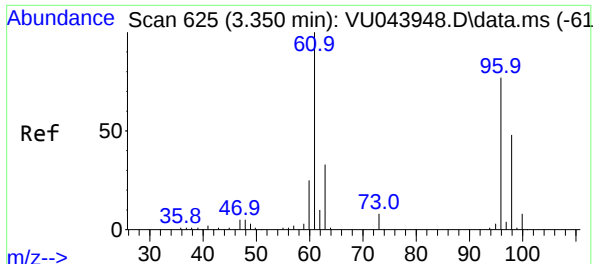
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#13
Acetone
Concen: 2.86 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.067 min
Lab File: VU043961.D
Acq: 25 May 2021 14:12

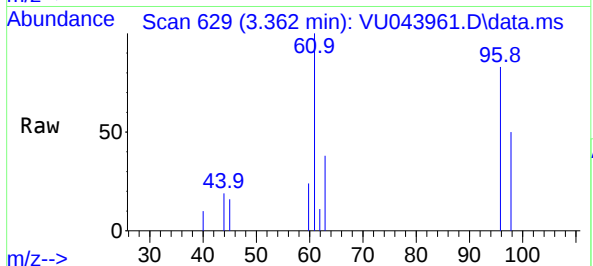
Tgt Ion: 43 Resp: 6000
Ion Ratio Lower Upper
43 100
58 13.7 0.0 46.2





#18
trans-1,2-Dichloroethene
Concen: 0.15 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.013 min
Lab File: VU043961.D
Acq: 25 May 2021 14:12

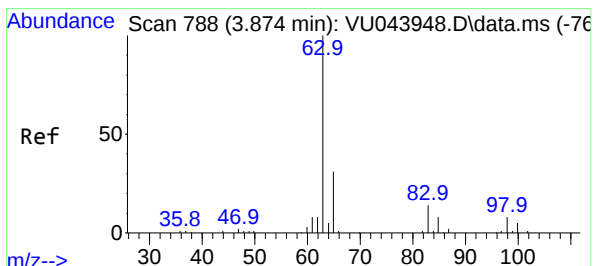
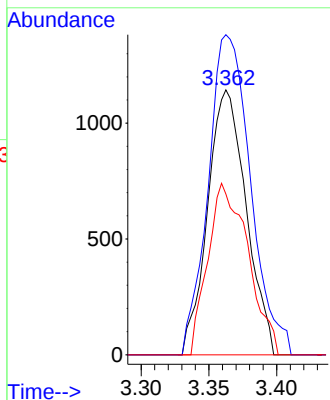
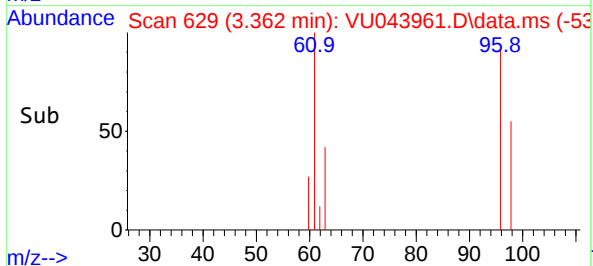
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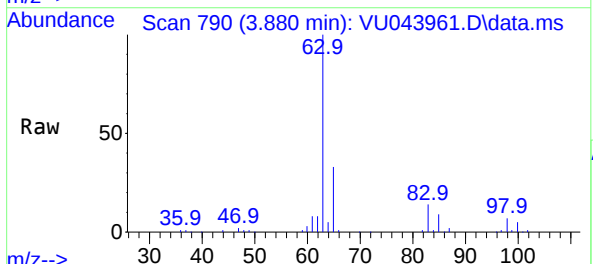
Tgt Ion: 96 Resp: 2263
Ion Ratio Lower Upper
96 100
61 120.8 93.9 174.3
98 60.7 43.5 80.7

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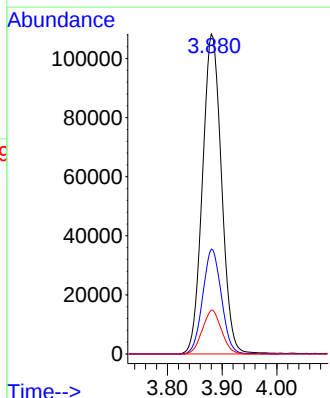
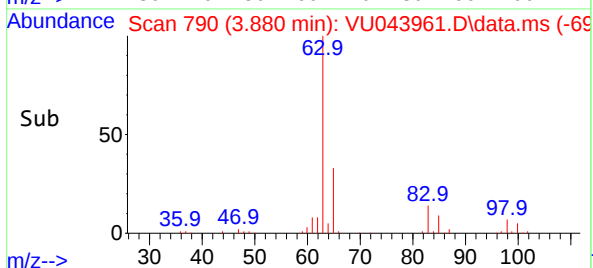
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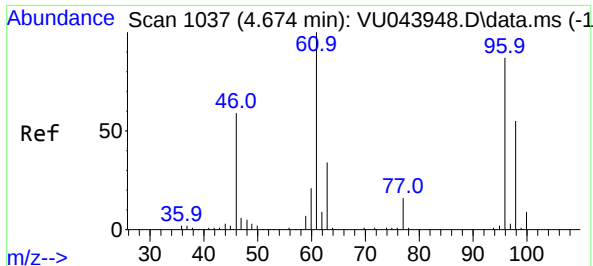


#19
1,1-Dichloroethane
Concen: 10.05 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.006 min
Lab File: VU043961.D
Acq: 25 May 2021 14:12



Tgt Ion: 63 Resp: 261438
Ion Ratio Lower Upper
63 100
65 32.7 23.2 43.2
83 13.7 9.7 18.1





#22

cis-1,2-Dichloroethene

Concen: 1.16 ug/L

RT: 4.678 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VU043961.D

Acq: 25 May 2021 14:12

Tgt Ion:	96	Resp:	18814
Ion	Ratio	Lower	Upper
96	100		
61	110.7	82.9	153.9
98	58.2	43.3	80.5

Instrument :

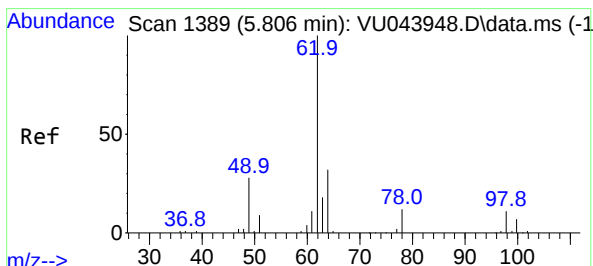
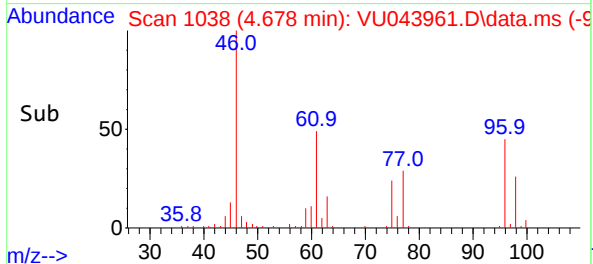
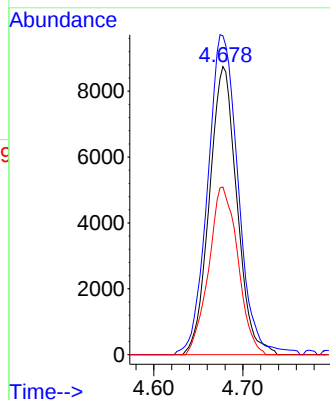
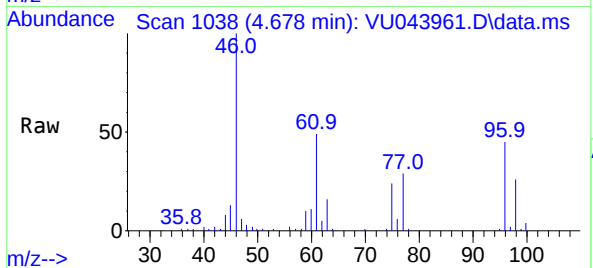
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#27

1,2-Dichloroethane

Concen: 0.39 ug/L

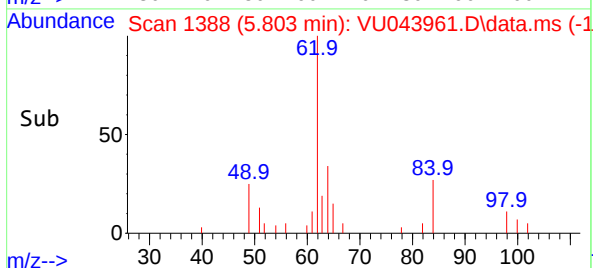
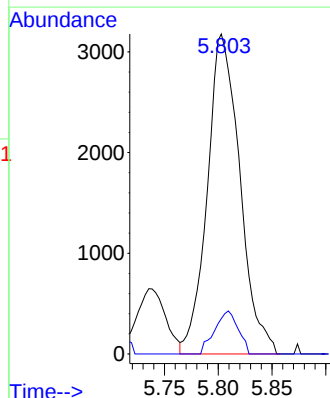
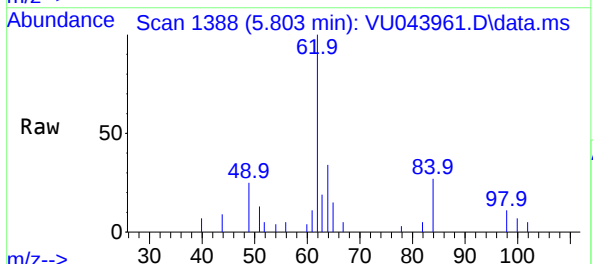
RT: 5.803 min Scan# 1388

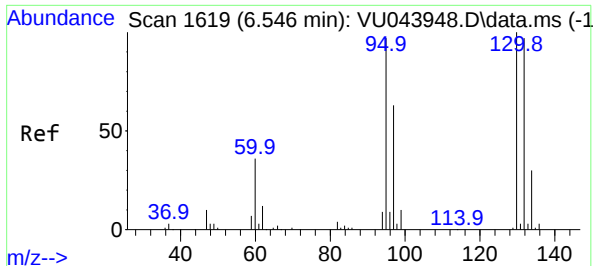
Delta R.T. -0.003 min

Lab File: VU043961.D

Acq: 25 May 2021 14:12

Tgt Ion:	62	Resp:	6686
Ion	Ratio	Lower	Upper
62	100		
98	11.0	8.3	12.5





#34

Trichloroethene

Concen: 13.50 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. 0.003 min

Lab File: VU043961.D

Acq: 25 May 2021 14:12

Tgt Ion: 95 Resp: 224858

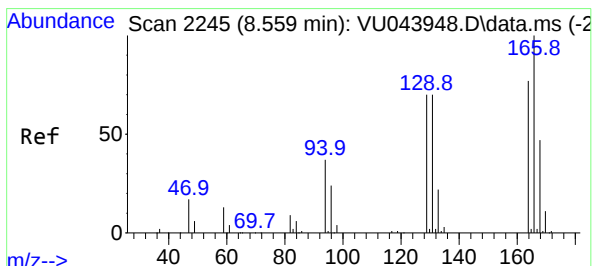
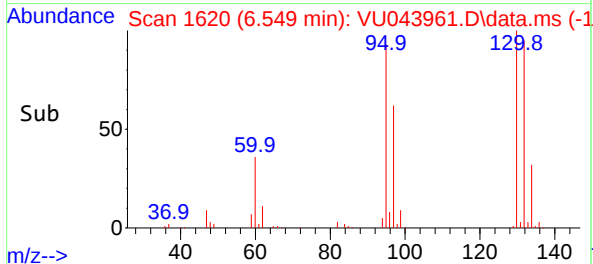
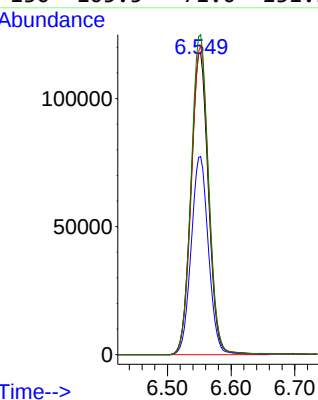
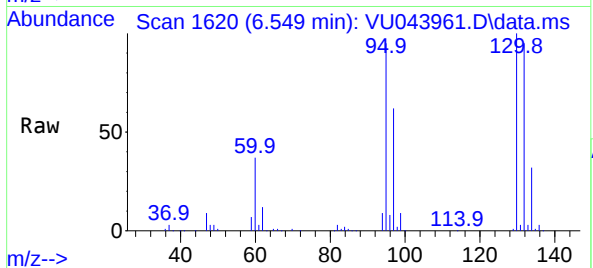
Ion Ratio Lower Upper

95 100

97 65.5 45.5 84.5

132 100.4 70.9 131.7

130 105.5 71.0 131.9



#47

Tetrachloroethene

Concen: 0.13 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. 0.000 min

Lab File: VU043961.D

Acq: 25 May 2021 14:12

Tgt Ion: 164 Resp: 1914

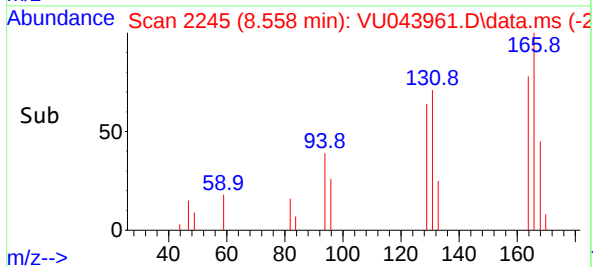
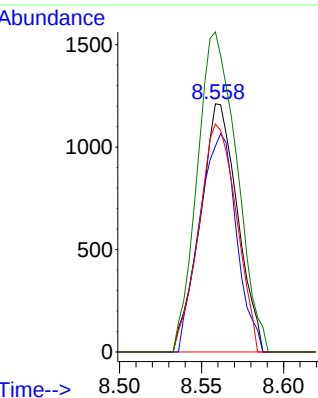
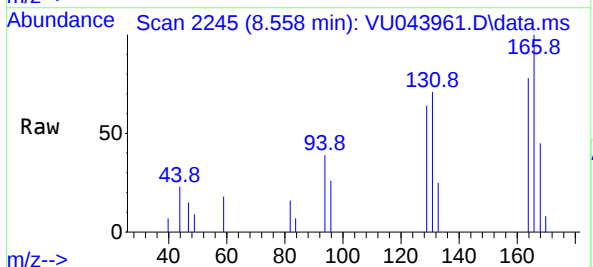
Ion Ratio Lower Upper

164 100

129 83.0 64.1 119.1

131 91.9 64.5 119.9

166 129.0 90.8 168.6



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