

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043923.D
 Acq On : 24 May 2021 21:13
 Operator : SY/MD
 Sample : M2494-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB422

Manual Integrations
 APPROVED

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 5/26/2021 12:01:13 PM

Quant Time: May 25 04:14:14 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	6.259	114	161692	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	170302	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	72622	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	60780	6.76	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 135.20%#			
7) Chloroethane-d5	1.922	69	43938	6.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 135.40%#			
11) 1,1-Dichloroethene-d2	2.578	65	27493	6.28	ug/L	0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 125.60%#			
20) 2-Butanone-d5	4.648	46	134405	47.10	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.20%			
24) Chloroform-d	5.073	84	125746	6.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 121.00%			
26) 1,2-Dichloroethane-d4	5.713	65	65107	6.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 122.40%			
32) Benzene-d6	5.738	84	253663	5.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 117.40%			
36) 1,2-Dichloropropane-d6	6.700	67	82257	5.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 119.40%			
41) Toluene-d8	7.906	98	211038	5.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.00%			
43) trans-1,3-Dichloroprop...	8.185	79	28176	5.36	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 107.20%			
46) 2-Hexanone-d5	8.648	63	131204	56.99	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.98%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	71898	5.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 113.60%			
66) 1,2-Dichlorobenzene-d4	12.201	152	86143	6.53	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 130.60%#			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.591	96	105247	10.08	ug/L	95
13) Acetone	2.652	43	2772m	1.84	ug/L	
19) 1,1-Dichloroethane	3.883	63	30016	1.61	ug/L	99
22) cis-1,2-Dichloroethene	4.684	96	1203	0.10	ug/L	91
27) 1,2-Dichloroethane	5.809	62	2030	0.17	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	96241	5.46	ug/L	99
34) Trichloroethene	6.549	95	4352	0.36	ug/L	84
47) Tetrachloroethene	8.562	164	105436	10.21	ug/L	99

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

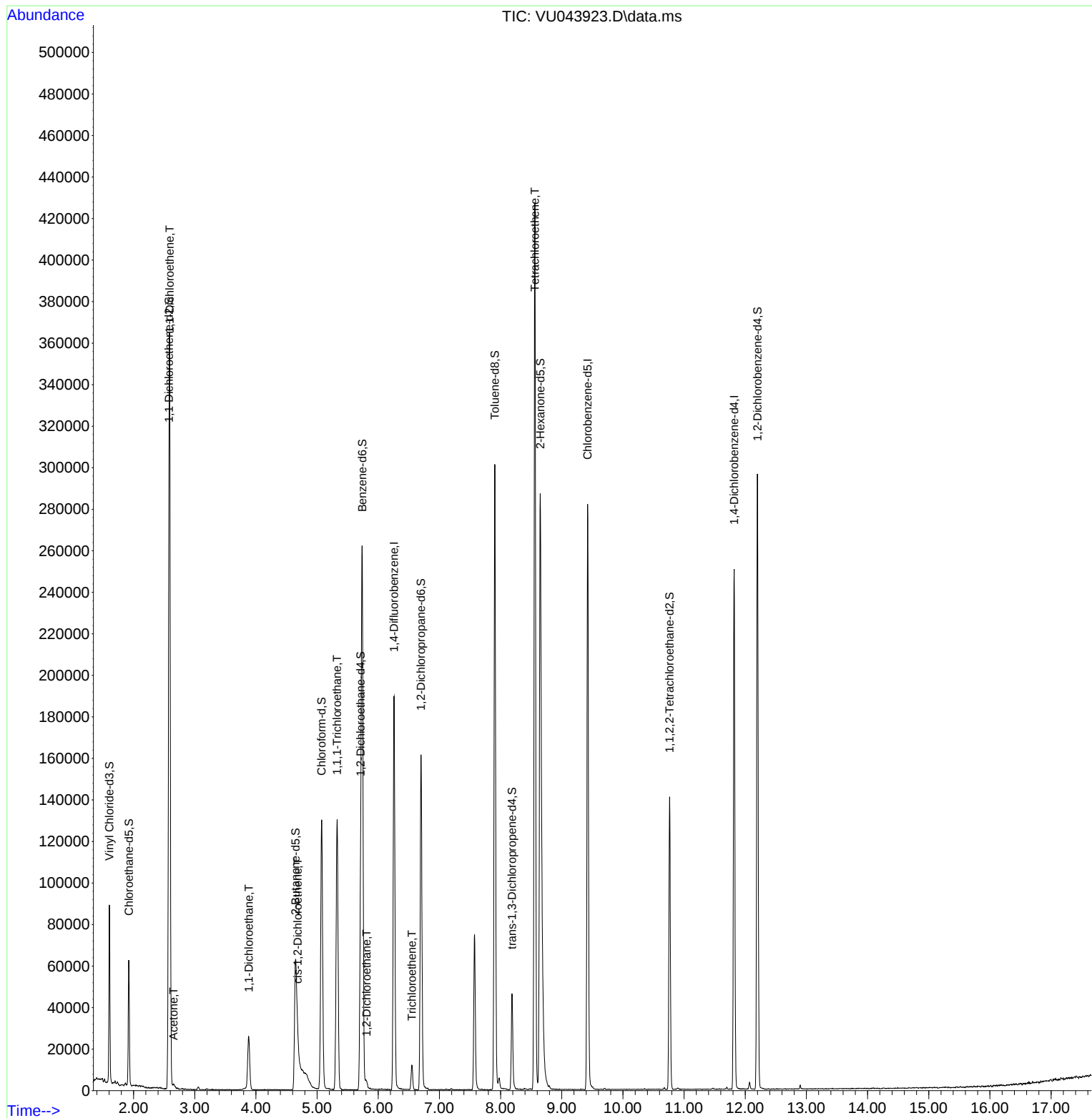
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Data File : VU043923.D
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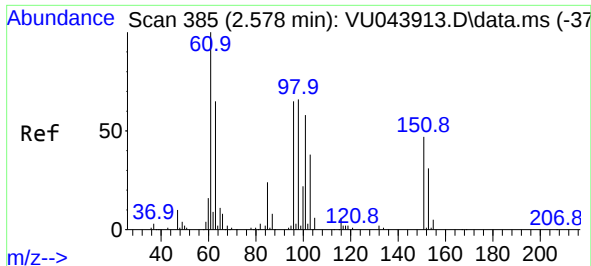
Instrument :
MSVOA_U
ClientSampleId :
GB422

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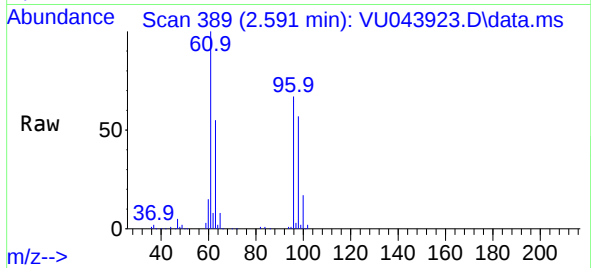
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue May 25 04:12:21 2021
Response via : Initial Calibration

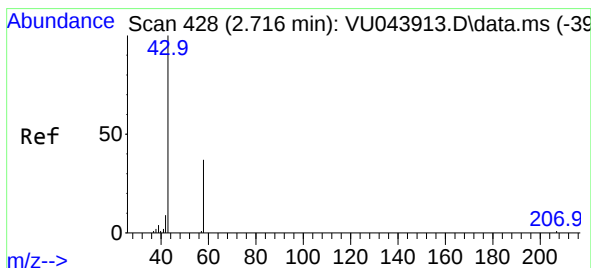
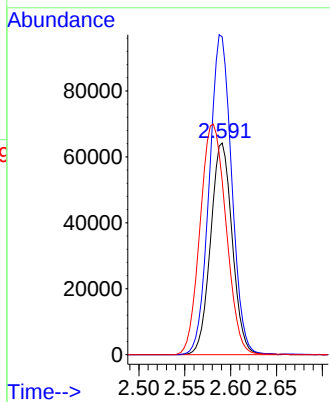
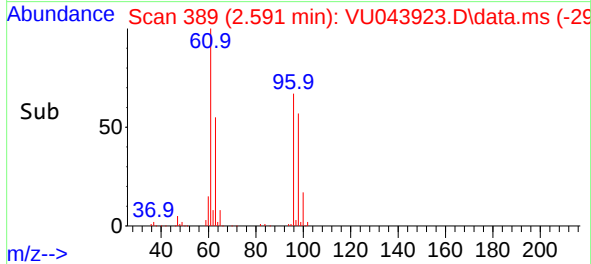




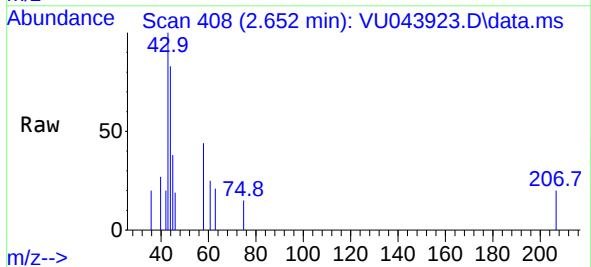
#12
1,1-Dichloroethene
Concen: 10.08 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.013 min
Lab File: VU043923.D
Acq: 24 May 2021 21:13



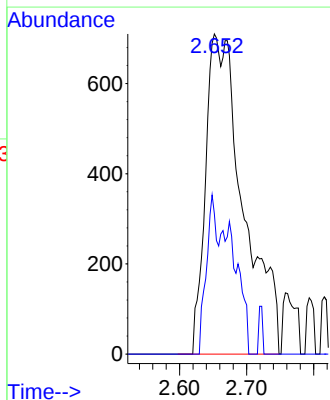
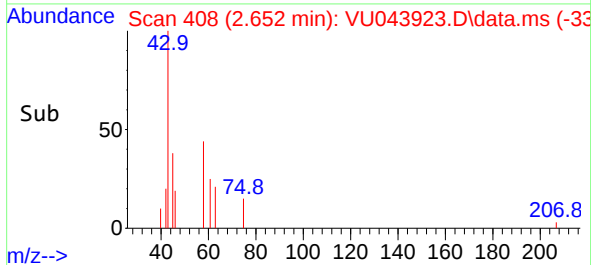
Tgt Ion: 96 Resp: 105247
Ion Ratio Lower Upper
96 100
61 150.1 105.1 195.3
63 82.1 66.6 123.6



#13
Acetone
Concen: 1.84 ug/L m
RT: 2.652 min Scan# 408
Delta R.T. -0.064 min
Lab File: VU043923.D
Acq: 24 May 2021 21:13



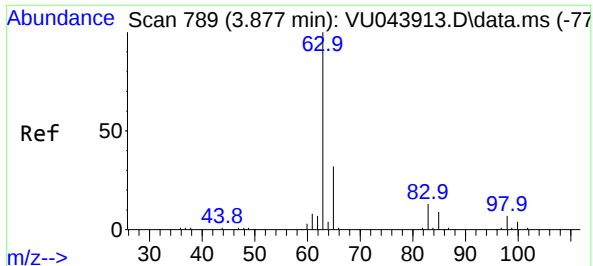
Tgt Ion: 43 Resp: 2772
Ion Ratio Lower Upper
43 100
58 1.5 0.0 46.2



Instrument :
MSVOA_U
ClientSampled :
GB422

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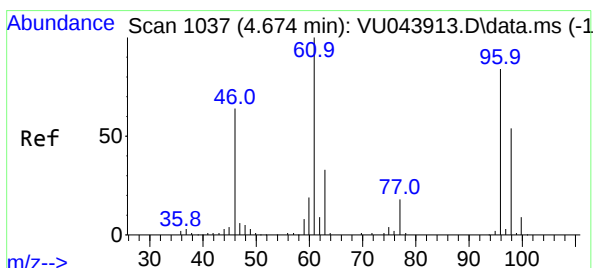
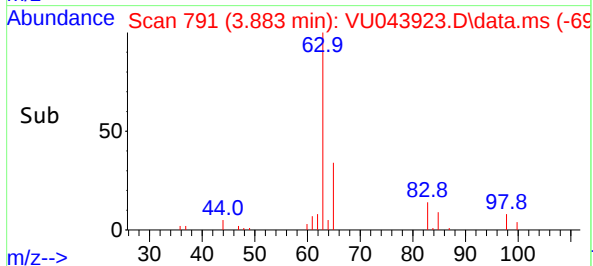
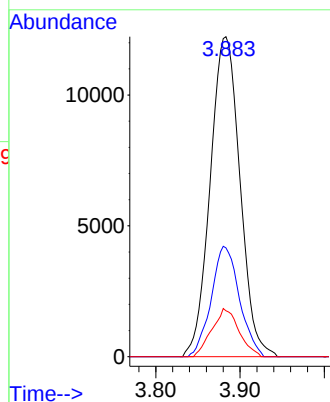
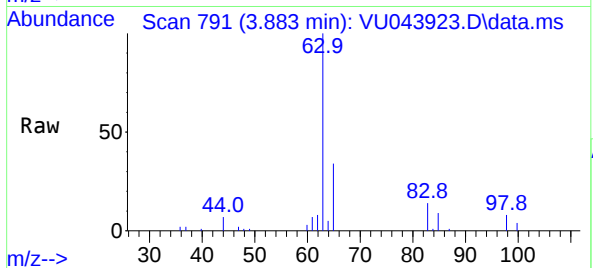
#19
1,1-Dichloroethane
Concen: 1.61 ug/L
RT: 3.883 min Scan# 791
Delta R.T. 0.006 min
Lab File: VU043923.D
Acq: 24 May 2021 21:13

Tgt Ion:	63	Resp:	30016
Ion	Ratio	Lower	Upper
63	100		
65	34.0	23.2	43.2
83	14.3	9.7	18.1

Instrument :
MSVOA_U
ClientSampled :
GB422

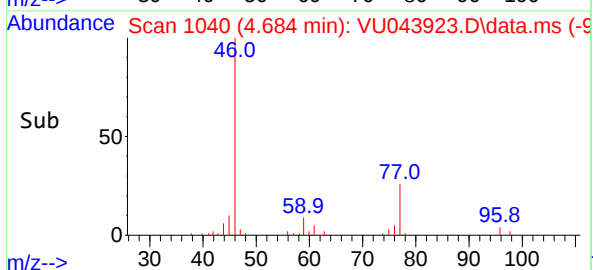
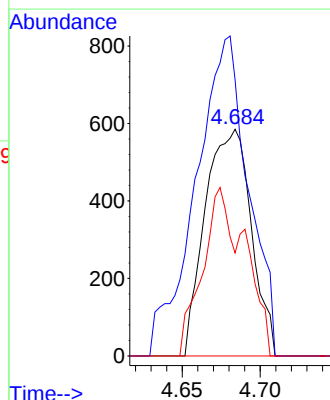
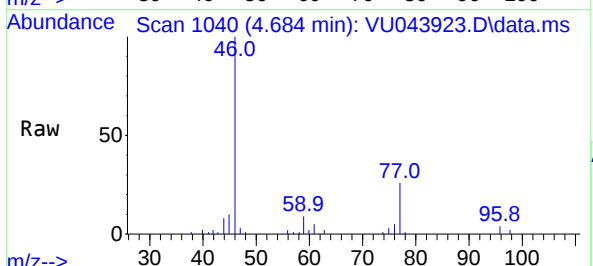
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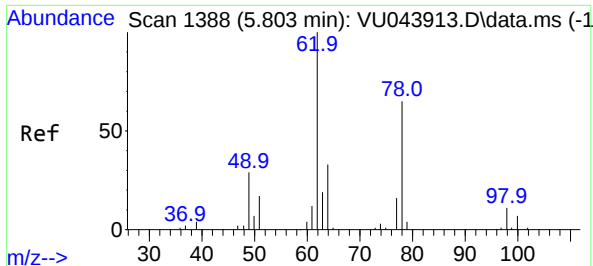
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#22
cis-1,2-Dichloroethene
Concen: 0.10 ug/L
RT: 4.684 min Scan# 1040
Delta R.T. 0.010 min
Lab File: VU043923.D
Acq: 24 May 2021 21:13

Tgt Ion:	96	Resp:	1203
Ion	Ratio	Lower	Upper
96	100		
61	121.9	82.9	153.9
98	45.5	43.3	80.5





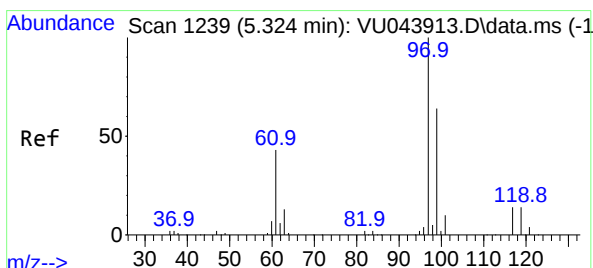
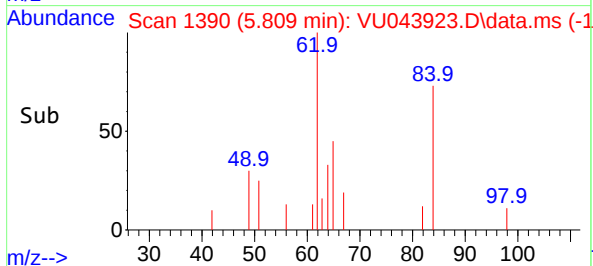
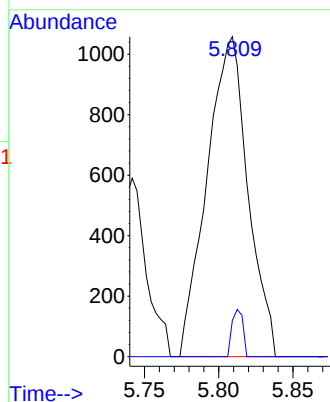
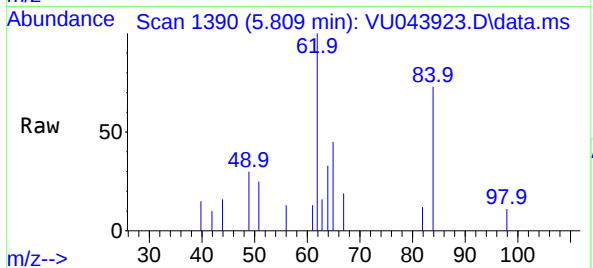
#27
1,2-Dichloroethane
Concen: 0.17 ug/L
RT: 5.809 min Scan# 1390
Delta R.T. 0.006 min
Lab File: VU043923.D
Acq: 24 May 2021 21:13

Tgt Ion: 62 Resp: 2030
Ion Ratio Lower Upper
62 100
98 11.3 8.3 12.5

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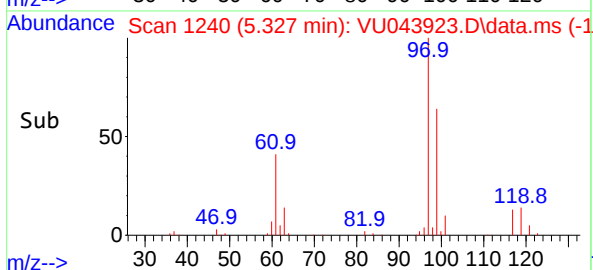
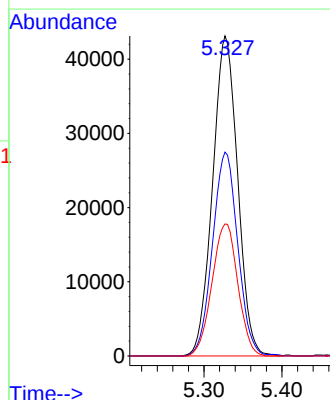
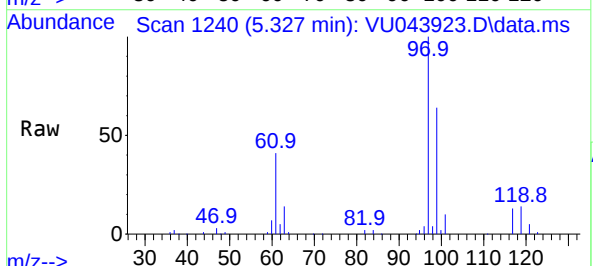
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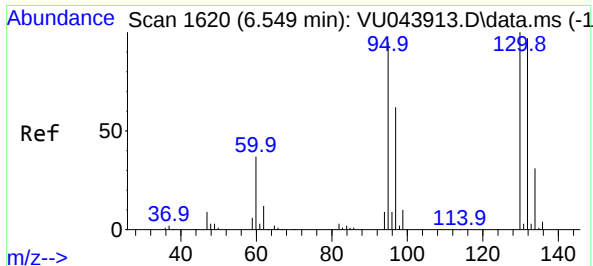
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#29
1,1,1-Trichloroethane
Concen: 5.46 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.003 min
Lab File: VU043923.D
Acq: 24 May 2021 21:13

Tgt Ion: 97 Resp: 96241
Ion Ratio Lower Upper
97 100
99 64.3 51.9 77.9
61 42.6 34.7 52.1





#34
Trichloroethene
Concen: 0.36 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043923.D
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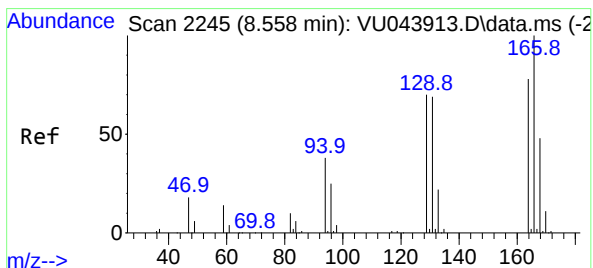
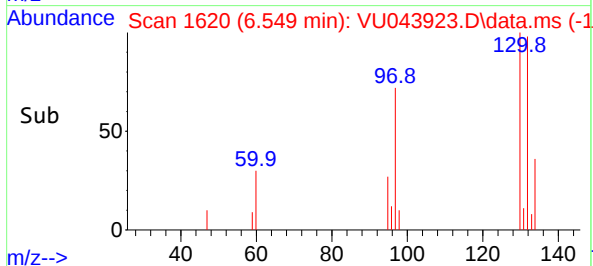
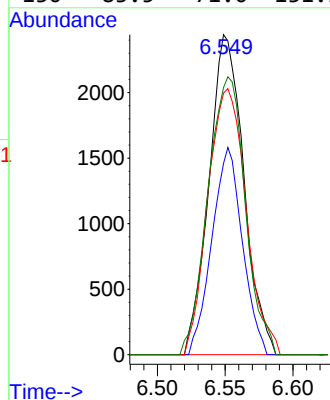
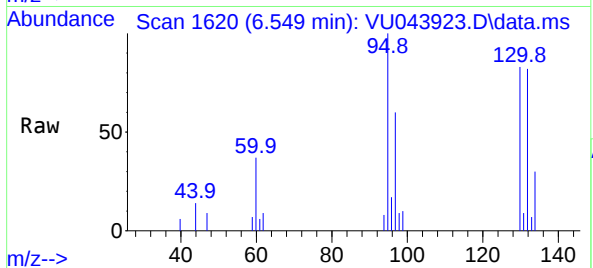
Tgt Ion: 95 Resp: 4352

Ion	Ratio	Lower	Upper
95	100		
97	59.8	45.5	84.5
132	81.8	70.9	131.7
130	83.5	71.0	131.9

Instrument :
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ClientSampled :
GB422

Manual Integrations
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#47
Tetrachloroethene
Concen: 10.21 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU043923.D
Acq: 24 May 2021 21:13

Tgt Ion: 164 Resp: 105436

Ion	Ratio	Lower	Upper
164	100		
129	90.9	64.1	119.1
131	90.1	64.5	119.9
166	128.9	90.8	168.6

