

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043959.D
 Acq On : 25 May 2021 13:24
 Operator : SY/MD
 Sample : M2464-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB447

Manual Integrations
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Quant Time: May 25 14:30:29 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	220344	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	232052	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	99271	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	16775	1.37	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 27.40%#			
7) Chloroethane-d5	1.919	69	45808	5.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.60%			
11) 1,1-Dichloroethene-d2	2.575	65	20673	3.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.20%			
20) 2-Butanone-d5	4.645	46	181319m	46.63	ug/L	-0.05
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.26%			
24) Chloroform-d	5.073	84	142128	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.40%			
26) 1,2-Dichloroethane-d4	5.713	65	73832	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.00%			
32) Benzene-d6	5.739	84	280412	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
36) 1,2-Dichloropropane-d6	6.700	67	94114	5.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.40%			
41) Toluene-d8	7.906	98	212672	3.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.40%			
43) trans-1,3-Dichloroprop...	8.189	79	30989	4.33	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.60%			
46) 2-Hexanone-d5	8.648	63	152856	48.73	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.46%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	82516	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.60%			
66) 1,2-Dichlorobenzene-d4	12.201	152	98822	5.48	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.60%			
Target Compounds						Qvalue
3) Chloromethane	1.523	50	23434	1.49	ug/L	98
13) Acetone	2.655	43	8575	4.18	ug/L	78
19) 1,1-Dichloroethane	3.883	63	48713	1.92	ug/L	98
25) Chloroform	5.099	83	5158	0.18	ug/L	91
27) 1,2-Dichloroethane	5.806	62	4150	0.25	ug/L #	94
29) 1,1,1-Trichloroethane	5.327	97	177937	7.40	ug/L	99
47) Tetrachloroethene	8.558	164	5707	0.41	ug/L	93
49) Dibromochloromethane	8.816	129	1457	0.10	ug/L	97
59) Bromoform	10.298	173	7049	0.99	ug/L	97

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

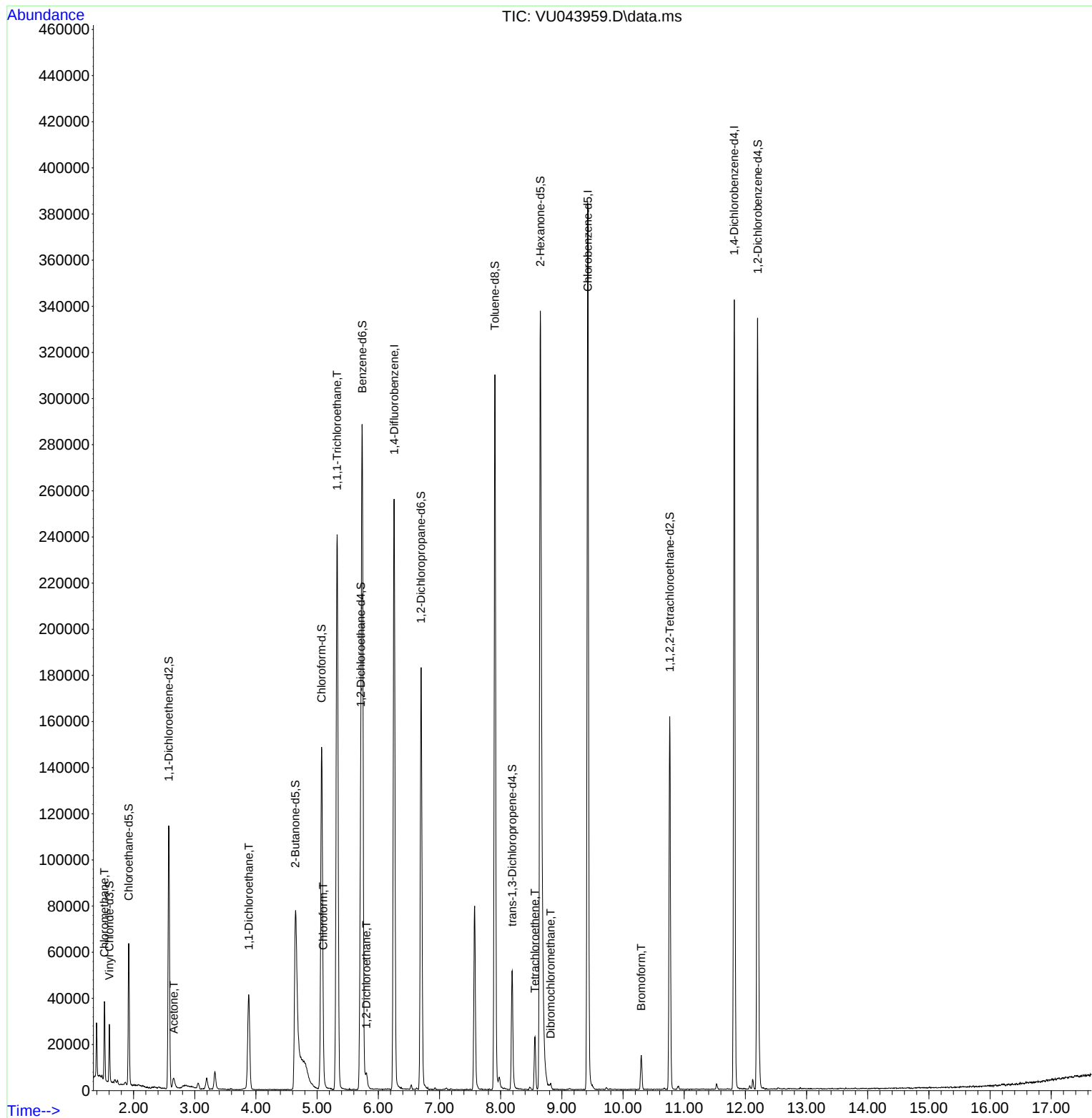
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Data File : VU043959.D
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Operator : SY/MD
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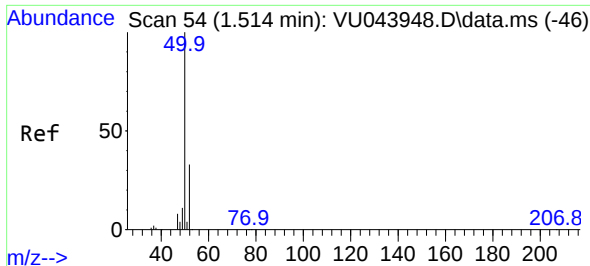
Instrument :
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ClientSampleId :
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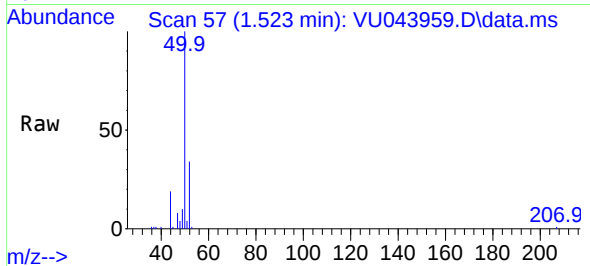
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue May 25 07:46:23 2021
Response via : Initial Calibration





#3
Chloromethane
Concen: 1.49 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.010 min
Lab File: VU043959.D
Acq: 25 May 2021 13:24

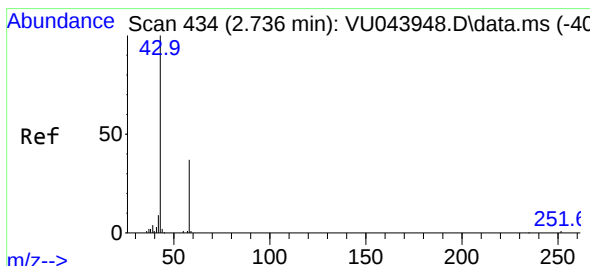
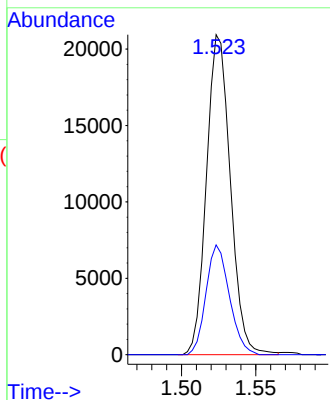
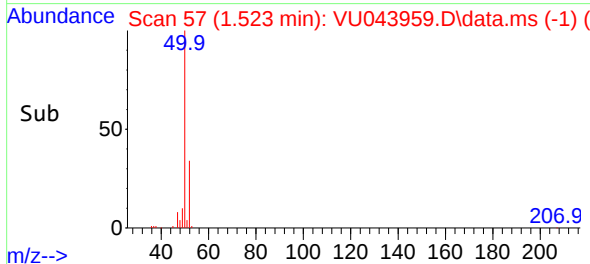
Instrument :
MSVOA_U
ClientSampled :
GB447



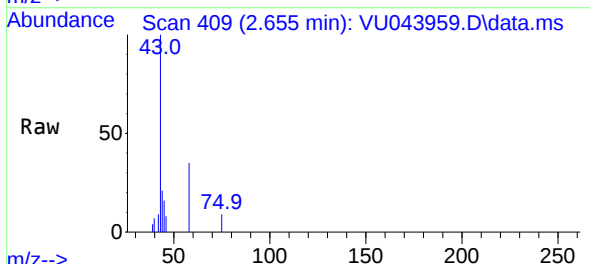
Tgt Ion: 50 Resp: 23434
Ion Ratio Lower Upper
50 100
52 34.3 23.4 43.4

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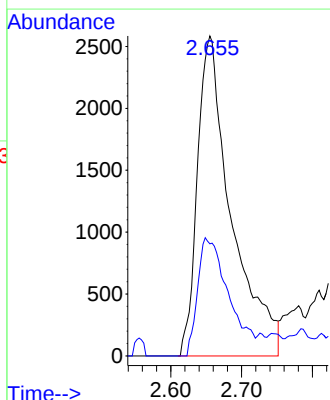
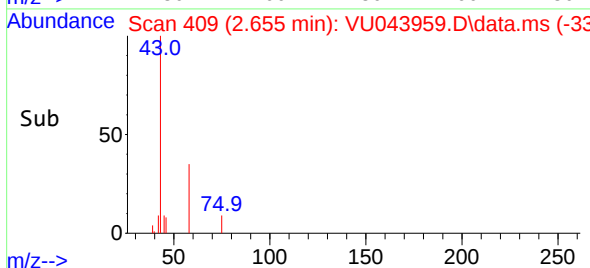
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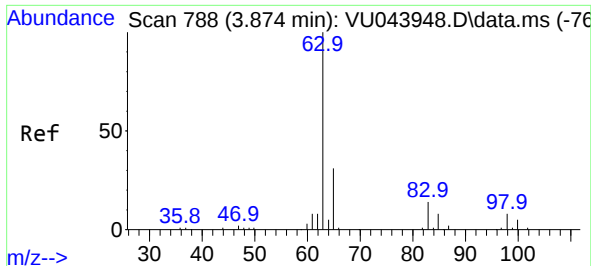


#13
Acetone
Concen: 4.18 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.067 min
Lab File: VU043959.D
Acq: 25 May 2021 13:24



Tgt Ion: 43 Resp: 8575
Ion Ratio Lower Upper
43 100
58 33.9 0.0 46.2





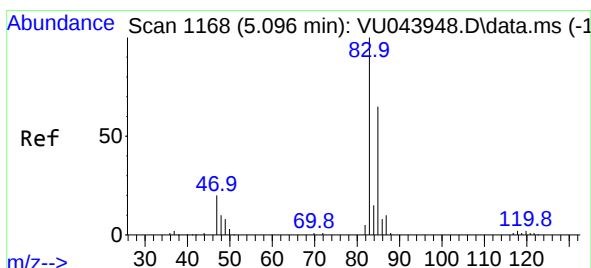
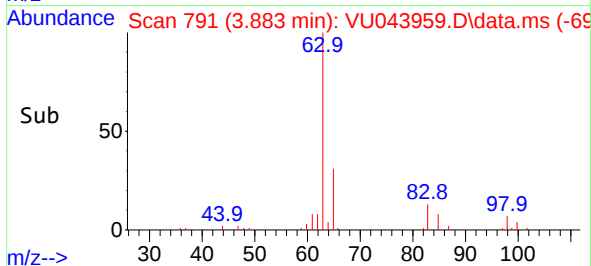
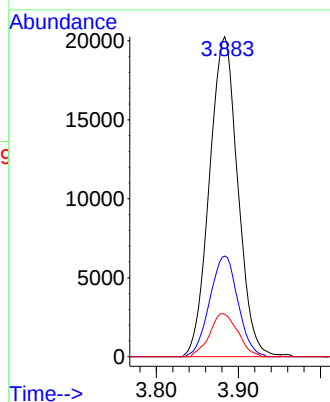
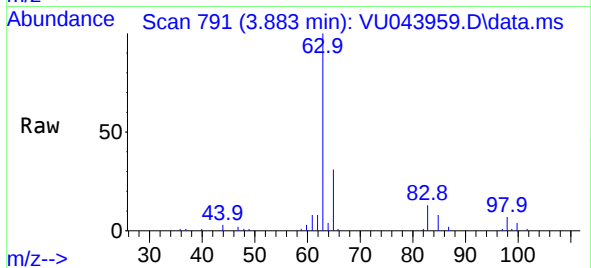
#19
1,1-Dichloroethane
Concen: 1.92 ug/L
RT: 3.883 min Scan# 791
Delta R.T. 0.010 min
Lab File: VU043959.D
Acq: 25 May 2021 13:24

Tgt Ion:	63	Resp:	48713
Ion	Ratio	Lower	Upper
63	100		
65	32.3	23.2	43.2
83	13.3	9.7	18.1

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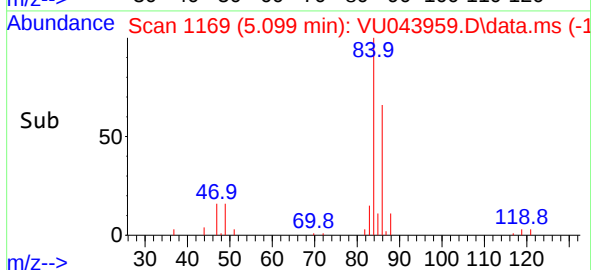
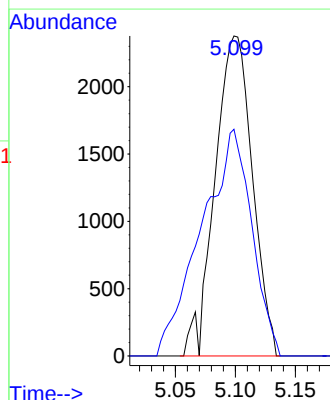
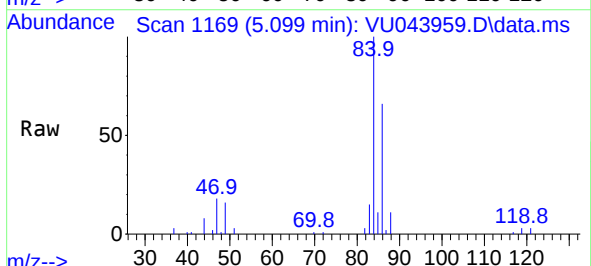
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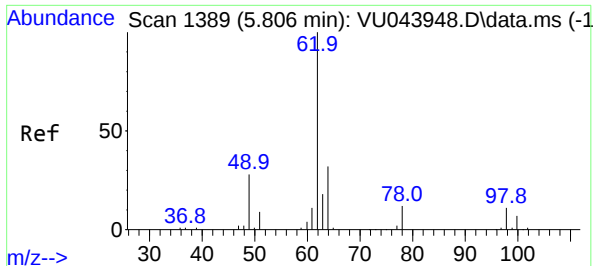
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#25
Chloroform
Concen: 0.18 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VU043959.D
Acq: 25 May 2021 13:24

Tgt Ion:	83	Resp:	5158
Ion	Ratio	Lower	Upper
83	100		
85	70.8	44.7	82.9





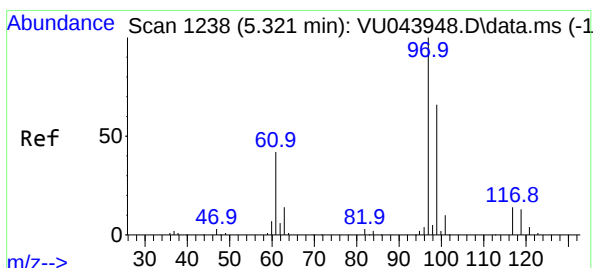
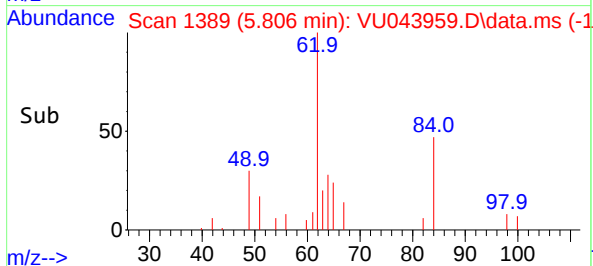
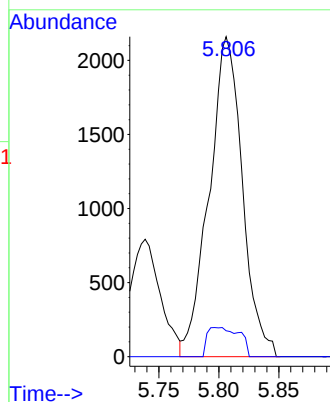
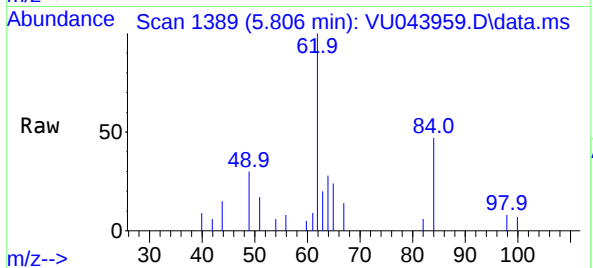
#27
1,2-Dichloroethane
Concen: 0.25 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VU043959.D
Acq: 25 May 2021 13:24

Tgt Ion: 62 Resp: 4150
Ion Ratio Lower Upper
62 100
98 8.1 8.3 12.5#

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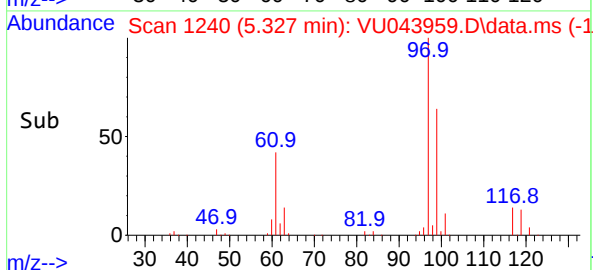
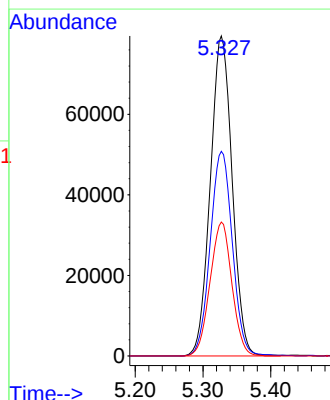
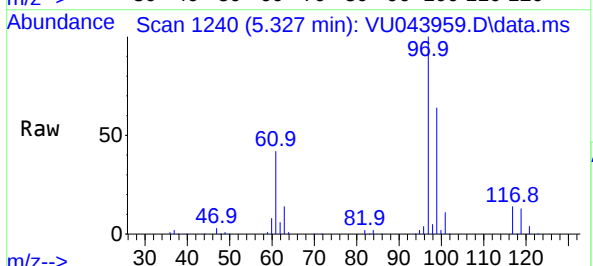
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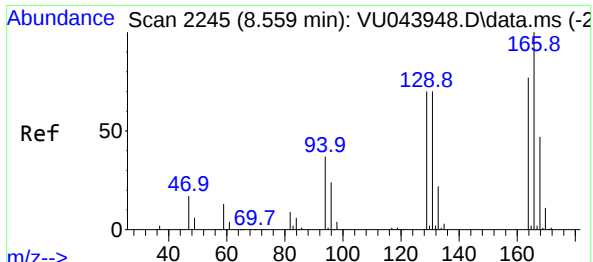
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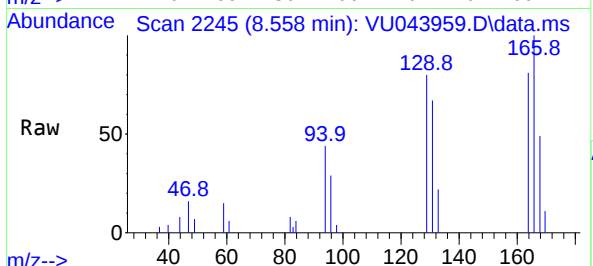
#29
1,1,1-Trichloroethane
Concen: 7.40 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VU043959.D
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Tgt Ion: 97 Resp: 177937
Ion Ratio Lower Upper
97 100
99 64.9 51.9 77.9
61 41.8 34.7 52.1



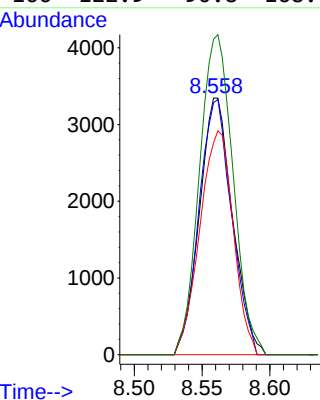


#47
Tetrachloroethene
Concen: 0.41 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043959.D
Acq: 25 May 2021 13:24



Tgt Ion:164 Resp: 5707

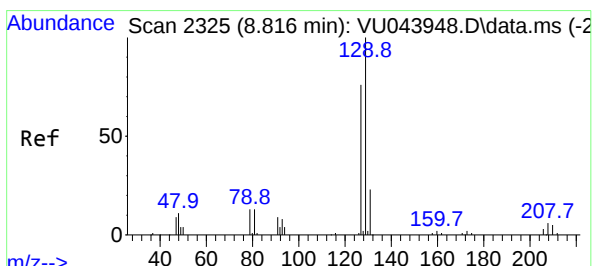
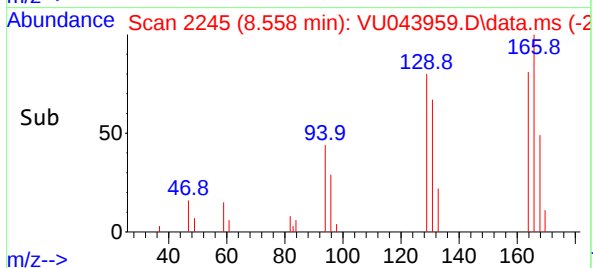
Ion	Ratio	Lower	Upper
164	100		
129	98.1	64.1	119.1
131	82.6	64.5	119.9
166	122.9	90.8	168.6



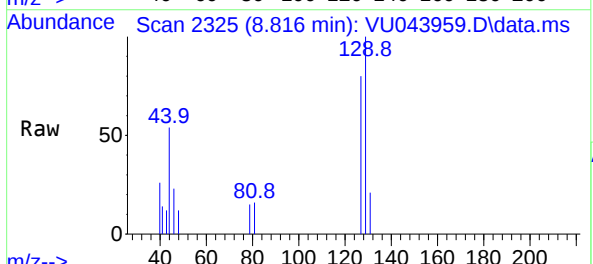
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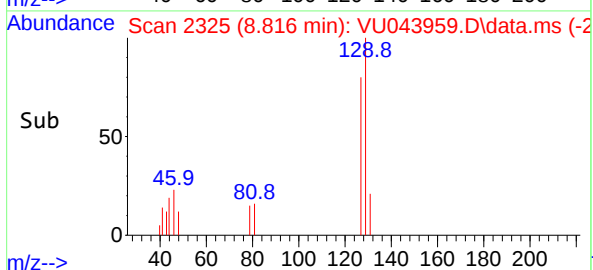
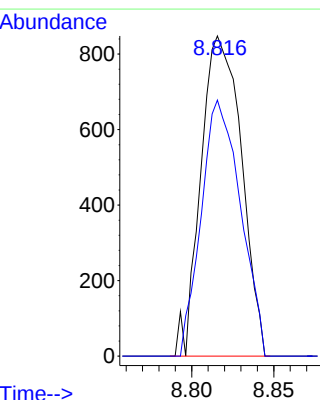


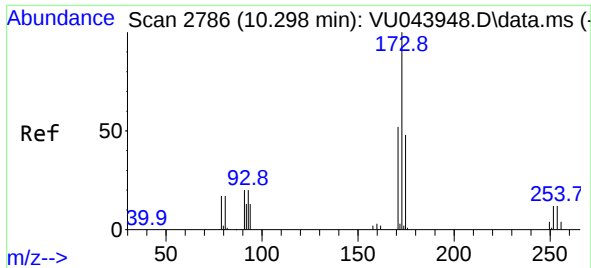
#49
Dibromochloromethane
Concen: 0.10 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU043959.D
Acq: 25 May 2021 13:24



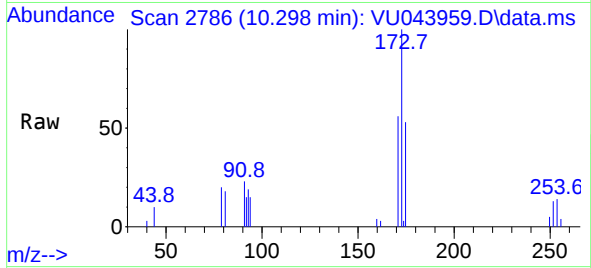
Tgt Ion:129 Resp: 1457

Ion	Ratio	Lower	Upper
129	100		
127	80.0	54.1	100.5

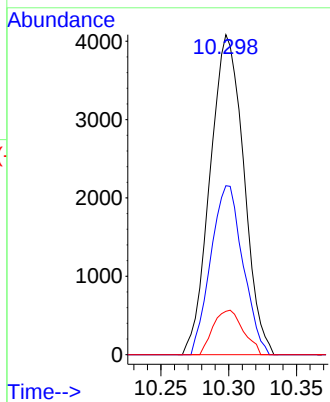
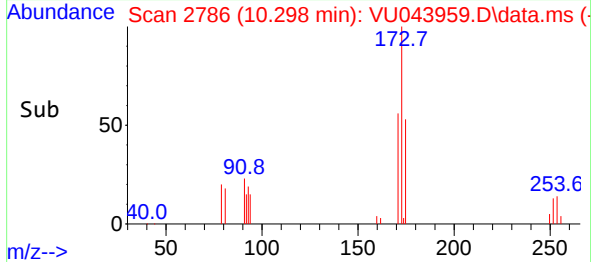




#59
 Bromoform
 Concen: 0.99 ug/L
 RT: 10.298 min Scan# 2786
 Delta R.T. 0.000 min
 Lab File: VU043959.D
 Acq: 25 May 2021 13:24



Tgt Ion:	173	Resp:	7049
Ion	Ratio	Lower	Upper
173	100		
175	50.5	38.8	58.2
254	12.4	9.3	13.9



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