

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100521\
 Data File : VW022595.D
 Acq On : 06 Oct 2021 02:13
 Operator : SY/MD
 Sample : M4051-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AT9

Manual Integrations
 APPROVED

MMDadoda
 10/7/2021 9:33:32 AM

Quant Time: Oct 06 08:08:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 06 07:50:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	103921	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	102046	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	47029	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37327	11.211	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery	= 224.200%#		
7) Chloroethane-d5	1.565	69	33748	7.519	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery	= 150.400%#		
11) 1,1-Dichloroethene-d2	2.105	63	61834	6.400	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery	= 128.000%#		
20) 2-Butanone-d5	3.889	46	91135	46.304	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery	= 92.600%		
24) Chloroform-d	4.352	84	64161	5.004	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery	= 100.000%		
26) 1,2-Dichloroethane-d4	5.034	65	35164	5.822	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery	= 116.400%		
32) Benzene-d6	5.050	84	140587	6.114	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery	= 122.200%		
36) 1,2-Dichloropropane-d6	6.069	67	42628	5.254	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery	= 105.000%		
41) Toluene-d8	7.320	98	121075	6.281	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery	= 125.600%		
43) trans-1,3-Dichloroprop...	7.625	79	11875	5.531	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery	= 110.600%		
46) 2-Hexanone-d5	8.088	63	63806	47.996	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery	= 96.000%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30280	4.912	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery	= 98.200%		
66) 1,2-Dichlorobenzene-d4	11.625	152	46547	6.399	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery	= 128.000%#		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.118	96	11153	1.752	ug/L #	25
19) 1,1-Dichloroethane	3.204	63	1275m	0.102	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	3891	0.517	ug/L	89
25) Chloroform	4.375	83	13322	0.980	ug/L	94
29) 1,1,1-Trichloroethane	4.616	97	1132	0.097	ug/L #	88
31) Carbon tetrachloride	4.828	117	1137	0.110	ug/L	94
34) Trichloroethene	5.915	95	29512	3.693	ug/L	98
47) Tetrachloroethene	7.979	164	13868	2.232	ug/L	97

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

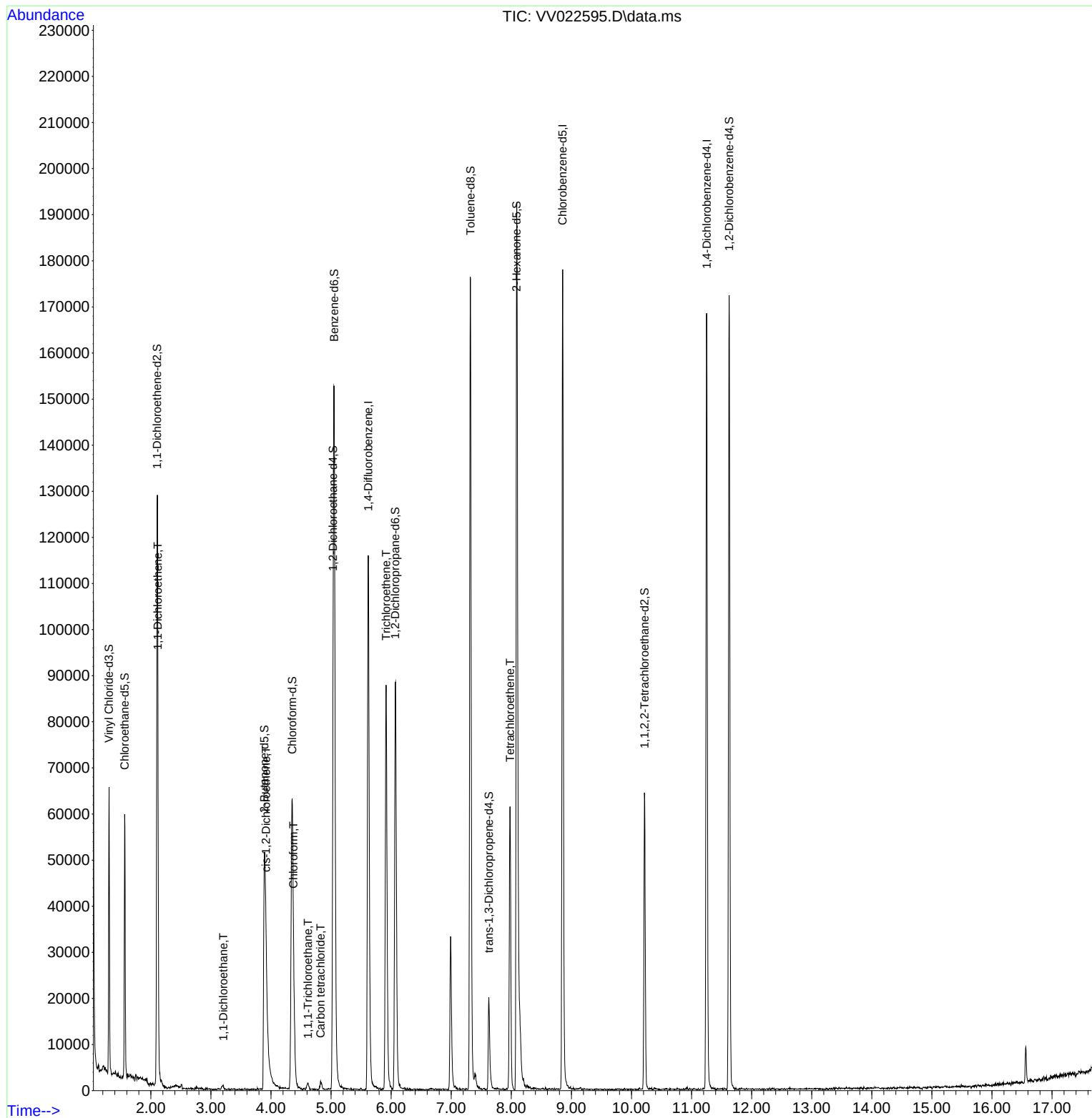
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100521\
Data File : VV022595.D
Acq On : 06 Oct 2021 02:13
Operator : SY/MD
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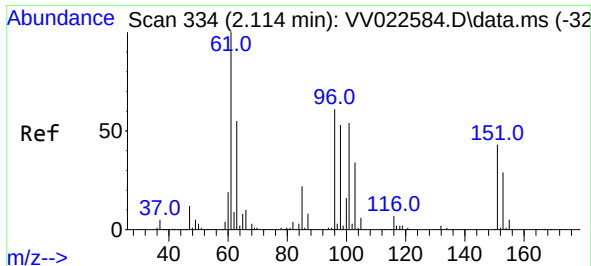
Instrument :
MSVOA_V
ClientSampled :
C0AT9

Manual Integrations
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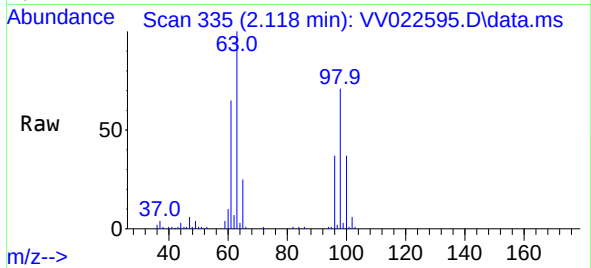
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10/7/2021 9:33:32 AM

Quant Time: Oct 06 08:08:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 06 07:50:25 2021
Response via : Initial Calibration

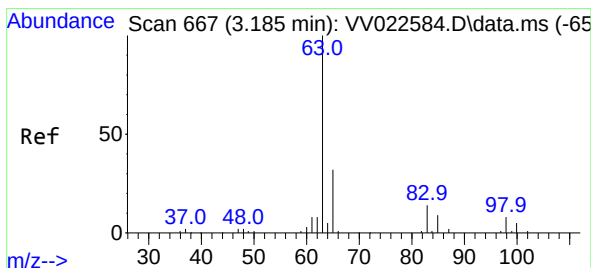
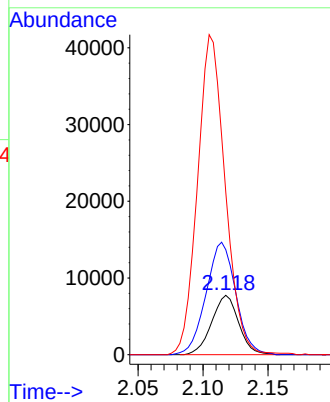
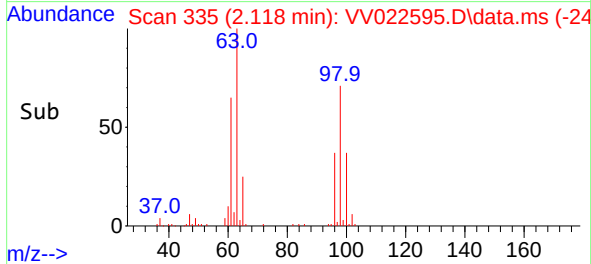




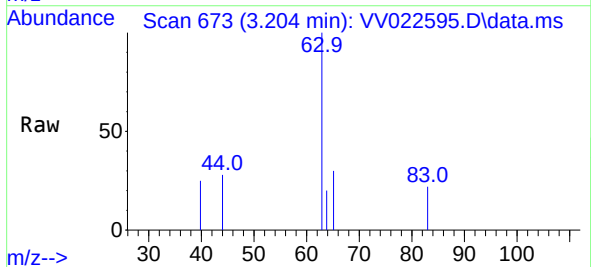
#12
1,1-Dichloroethene
Concen: 1.752 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022595.D
Acq: 06 Oct 2021 02:13



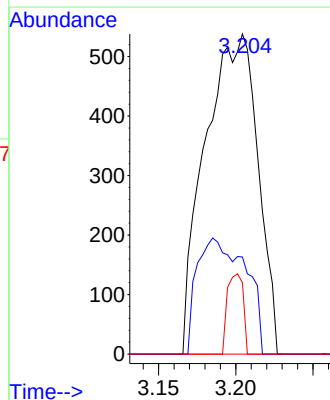
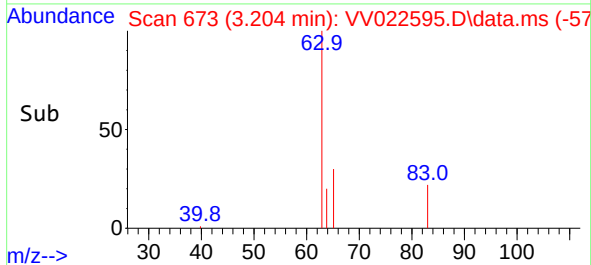
Tgt Ion: 96 Resp: 11153
Ion Ratio Lower Upper
96 100
61 176.7 113.2 210.2
63 273.2 66.6 123.8#



#19
1,1-Dichloroethane
Concen: 0.102 ug/L m
RT: 3.204 min Scan# 673
Delta R.T. 0.019 min
Lab File: VV022595.D
Acq: 06 Oct 2021 02:13



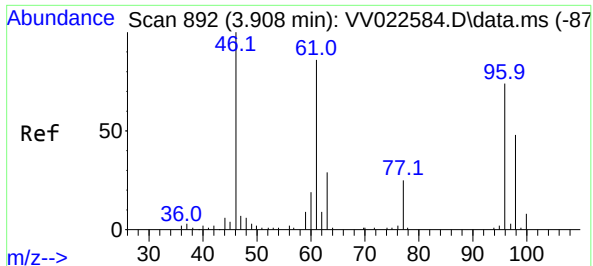
Tgt Ion: 63 Resp: 1275
Ion Ratio Lower Upper
63 100
65 30.3 22.8 42.4
83 22.3 10.2 19.0#



Instrument :
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ClientSampled :
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#22

cis-1,2-Dichloroethene

Concen: 0.517 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.006 min

Lab File: VV022595.D

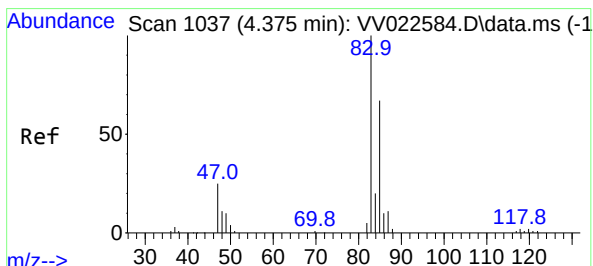
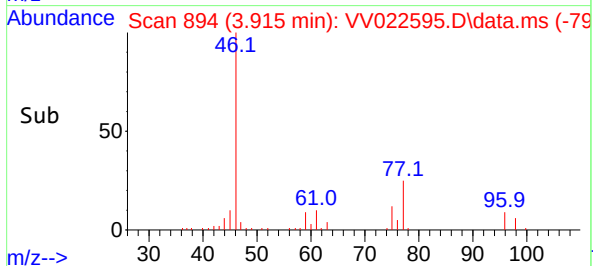
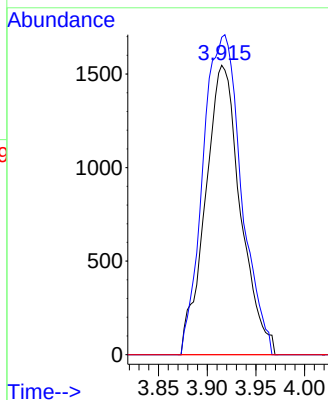
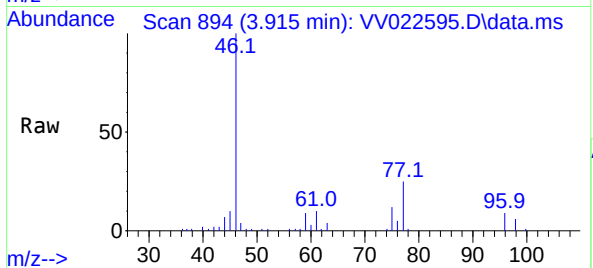
Acq: 06 Oct 2021 02:13

Tgt Ion:	96	Resp:	3891
Ion	Ratio	Lower	Upper
96	100		
61	109.6	85.6	159.0
68	0.0	0.0	0.0

Instrument :
MSVOA_V
ClientSampled :
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#25

Chloroform

Concen: 0.980 ug/L

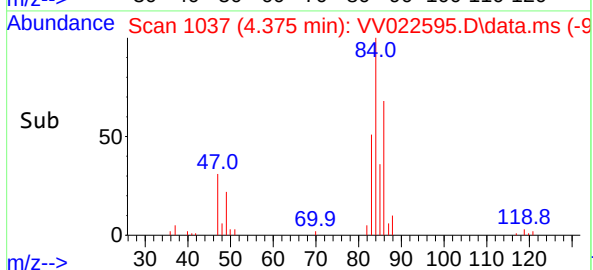
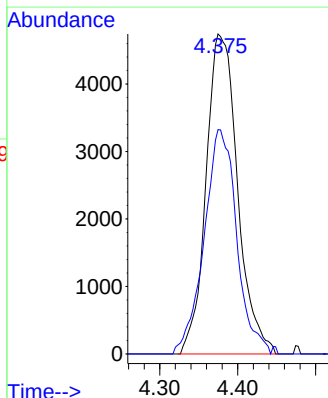
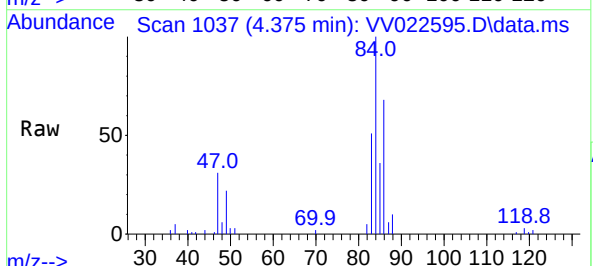
RT: 4.375 min Scan# 1037

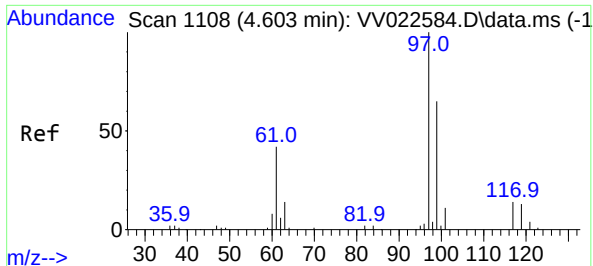
Delta R.T. 0.000 min

Lab File: VV022595.D

Acq: 06 Oct 2021 02:13

Tgt Ion:	83	Resp:	13322
Ion	Ratio	Lower	Upper
83	100		
85	70.1	45.6	84.8





#29

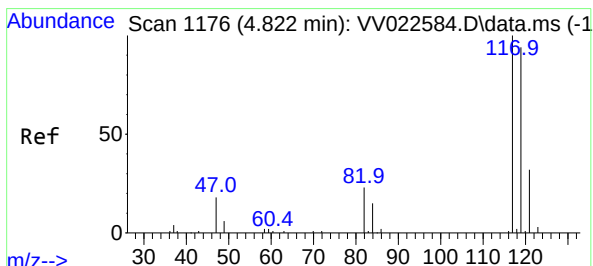
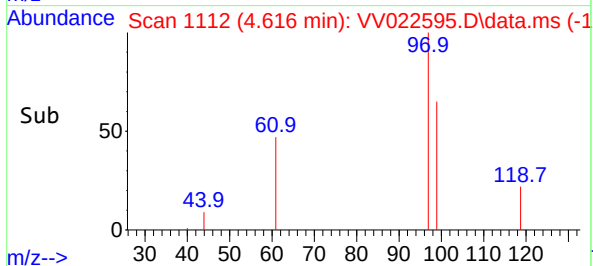
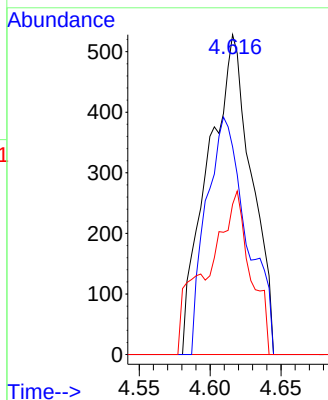
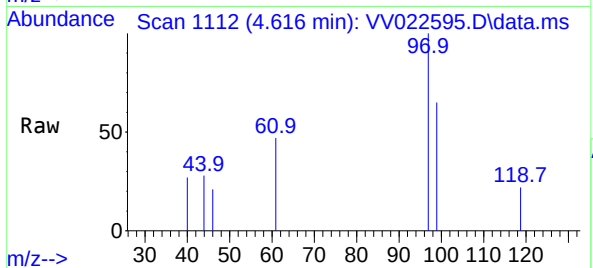
1,1,1-Trichloroethane
Concen: 0.097 ug/L
RT: 4.616 min Scan# 1112
Delta R.T. 0.013 min
Lab File: VV022595.D
Acq: 06 Oct 2021 02:13

Tgt Ion: 97 Resp: 1132
Ion Ratio Lower Upper
97 100
99 69.1 49.8 74.6
61 50.8 32.5 48.7#

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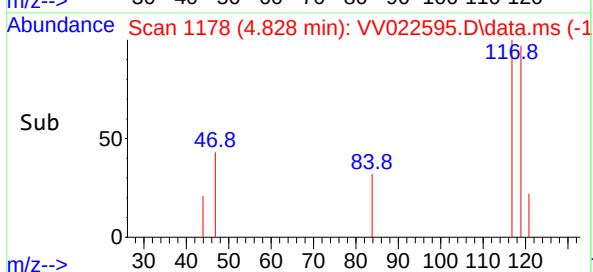
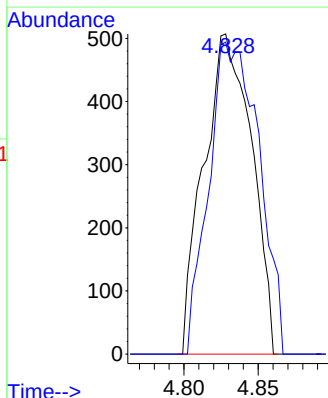
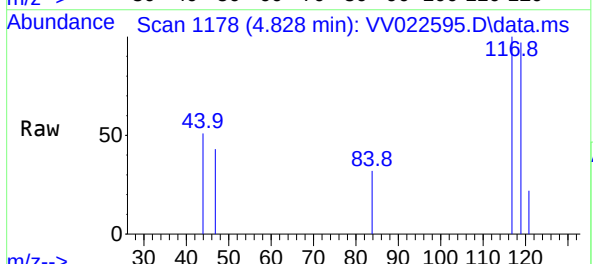
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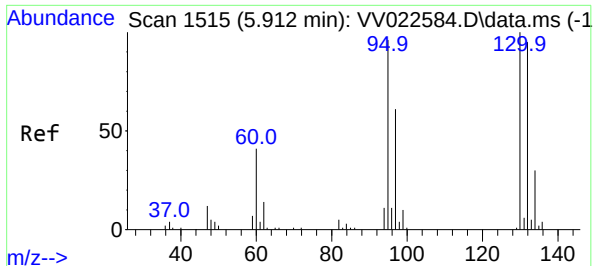


#31

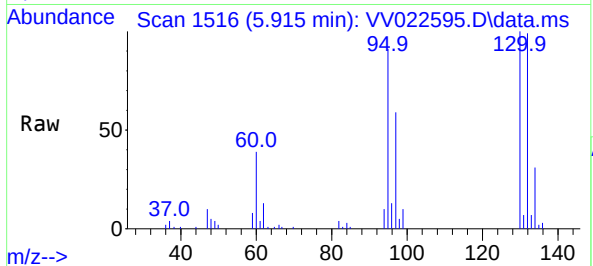
Carbon tetrachloride
Concen: 0.110 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.006 min
Lab File: VV022595.D
Acq: 06 Oct 2021 02:13

Tgt Ion: 117 Resp: 1137
Ion Ratio Lower Upper
117 100
119 101.9 76.9 115.3



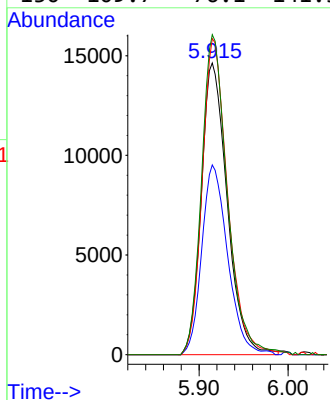


#34
Trichloroethene
Concen: 3.693 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV022595.D
Acq: 06 Oct 2021 02:13



Tgt Ion: 95 Resp: 29512

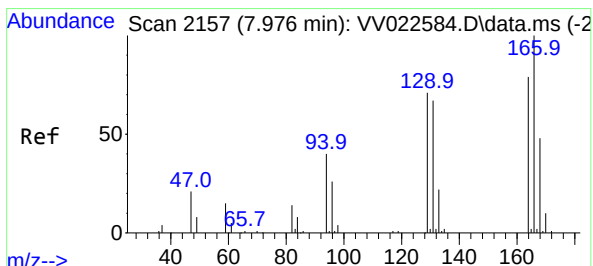
Ion	Ratio	Lower	Upper
95	100		
97	65.1	46.5	86.5
132	108.4	73.0	135.6
130	109.7	76.1	141.3



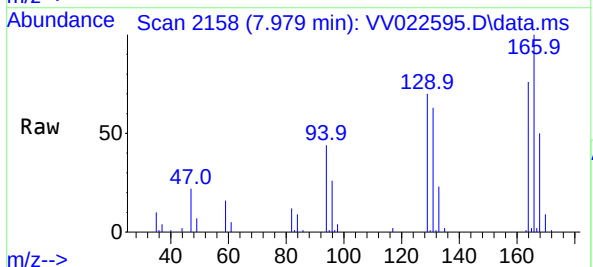
Instrument :
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ClientSampled :
C0AT9

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#47
Tetrachloroethene
Concen: 2.232 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022595.D
Acq: 06 Oct 2021 02:13



Tgt Ion: 164 Resp: 13868

Ion	Ratio	Lower	Upper
164	100		
129	92.3	65.5	121.6
131	82.9	62.4	116.0
166	132.3	91.1	169.3

