

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042823\
 Data File : VW030919.D
 Acq On : 28 Apr 2023 14:30
 Operator : SY/MD
 Sample : 02488-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHE60

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/01/2023
 Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: Apr 29 01:08:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 01:06:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	138582	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	136524	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	67267	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	56632	4.960	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.200%	
7) Chloroethane-d5	1.535	69	48164	5.171	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.400%	
11) 1,1-Dichloroethene-d2	2.063	65	30254	5.007	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	100.200%	
20) 2-Butanone-d5	3.828	46	98270m	48.535	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.080%	
24) Chloroform-d	4.259	84	110559	4.872	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.400%	
26) 1,2-Dichloroethane-d4	4.953	65	57871	5.017	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.400%	
32) Benzene-d6	4.966	84	200560	5.012	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.200%	
36) 1,2-Dichloropropane-d6	5.995	67	57899	4.976	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.600%	
41) Toluene-d8	7.249	98	173707	4.558	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.200%	
43) trans-1,3-Dichloroprop...	7.561	79	22058	5.057	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	101.200%	
46) 2-Hexanone-d5	8.037	63	67879	44.416	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.840%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	38002	4.506	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.200%	
66) 1,2-Dichlorobenzene-d4	11.567	152	66397	5.295	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.000%	
Target Compounds						
9) Trichlorofluoromethane	1.719	101	3331	0.168	ug/L	86
12) 1,1-Dichloroethene	2.072	96	32061	3.438	ug/L #	74
19) 1,1-Dichloroethane	3.117	63	104646	6.362	ug/L	99
22) cis-1,2-Dichloroethene	3.825	96	25806	2.871	ug/L	92
25) Chloroform	4.294	83	9424	0.534	ug/L	91
29) 1,1,1-Trichloroethane	4.522	97	18770	1.094	ug/L	98
34) Trichloroethene	5.841	95	85838	9.377	ug/L	98
47) Tetrachloroethene	7.911	164	18291	2.094	ug/L	95

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

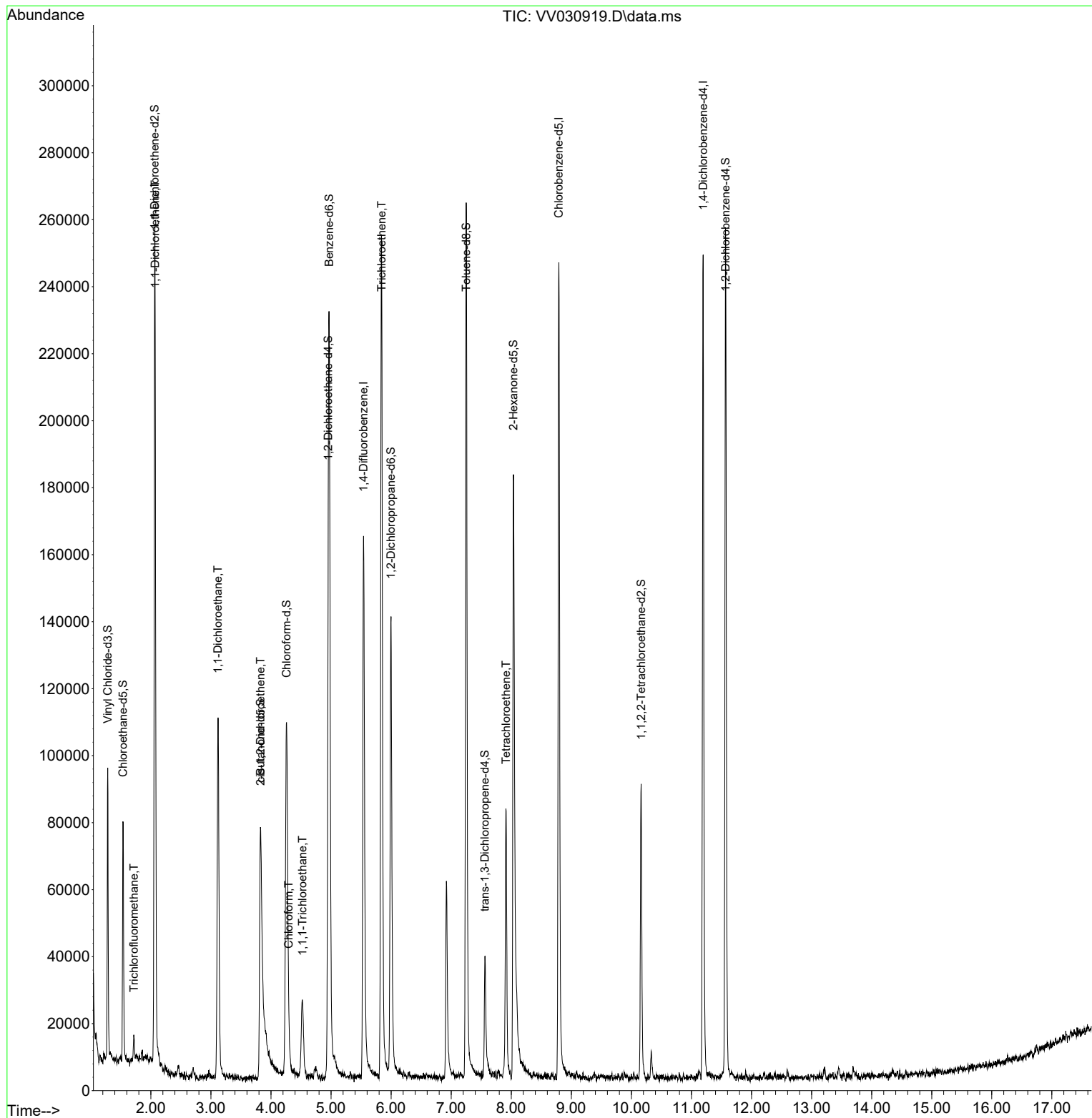
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042823\
Data File : VV030919.D
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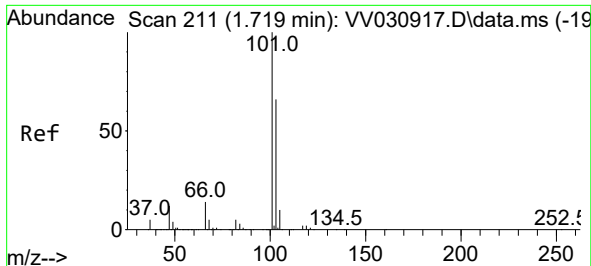
Instrument :
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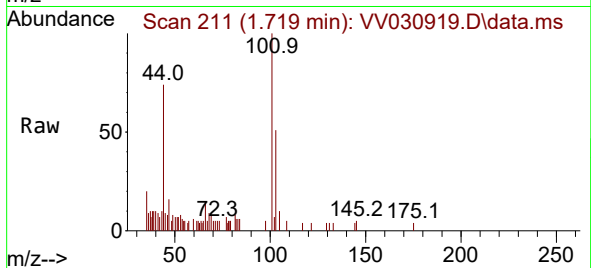
Quant Time: Apr 29 01:08:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 29 01:06:38 2023
Response via : Initial Calibration





#9
 Trichlorofluoromethane
 Concen: 0.168 ug/L
 RT: 1.719 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VV030919.D
 Acq: 28 Apr 2023 14:30

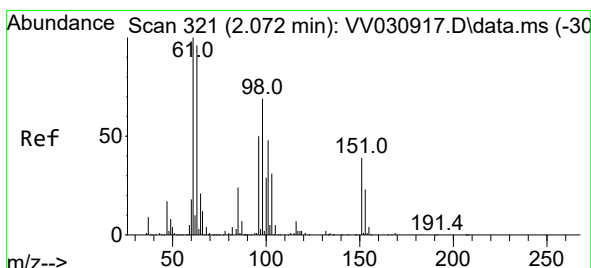
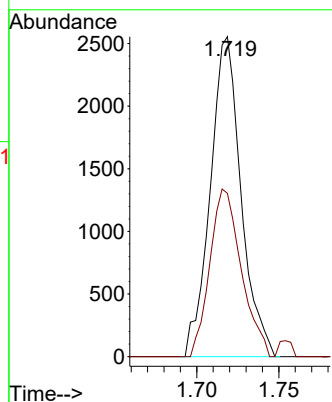
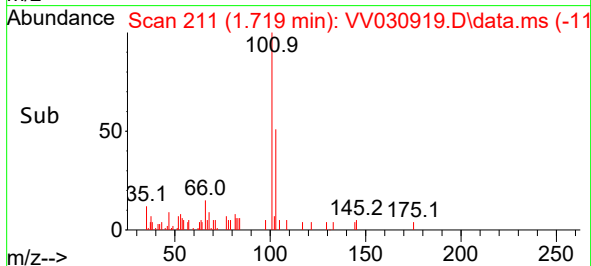
Instrument :
 MSVOA_V
 ClientSampleId :
 BHE60



Tgt Ion:101 Resp: 333
 Ion Ratio Lower Upper
 101 100
 103 53.5 51.8 77.8

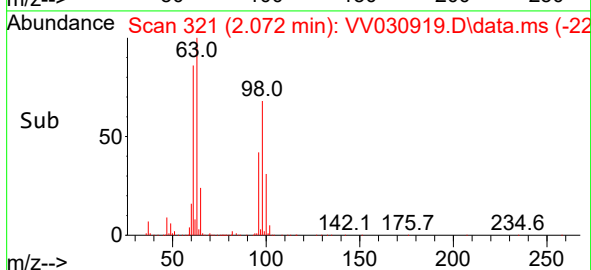
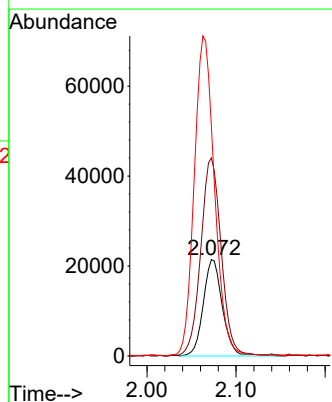
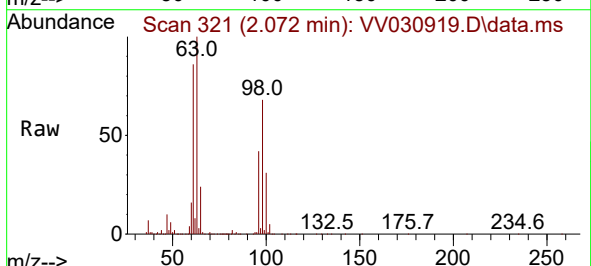
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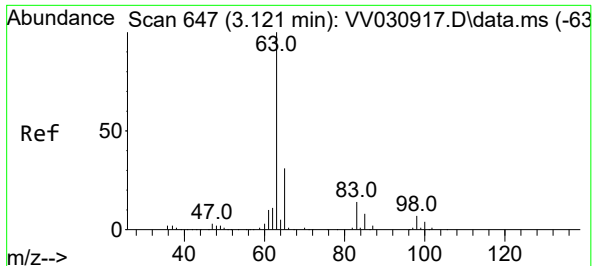
Reviewed By :Krupa Patel 05/01/2023
 Supervised By :Mahesh Dadoda 05/01/2023



#12
 1,1-Dichloroethene
 Concen: 3.438 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV030919.D
 Acq: 28 Apr 2023 14:30

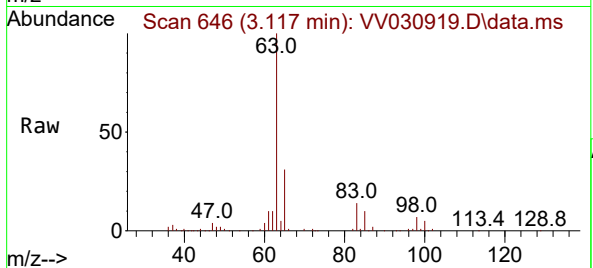
Tgt Ion: 96 Resp: 32061
 Ion Ratio Lower Upper
 96 100
 61 205.6 135.6 251.8
 63 237.9 121.1 224.9#





#19
1,1-Dichloroethane
Concen: 6.362 ug/L
RT: 3.117 min Scan# 647
Delta R.T. -0.003 min
Lab File: VV030919.D
Acq: 28 Apr 2023 14:30

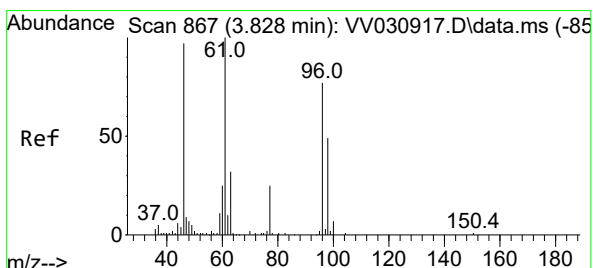
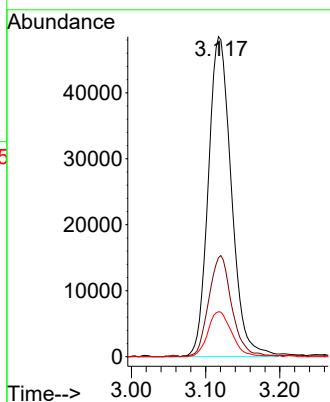
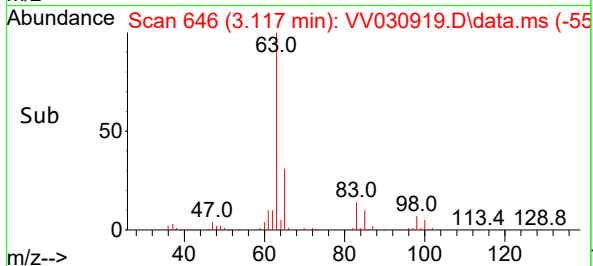
Instrument :
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ClientSampleId :
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Tgt Ion: 63 Resp: 104640
Ion Ratio Lower Upper
63 100
65 31.0 21.8 40.6
83 14.0 10.2 19.0

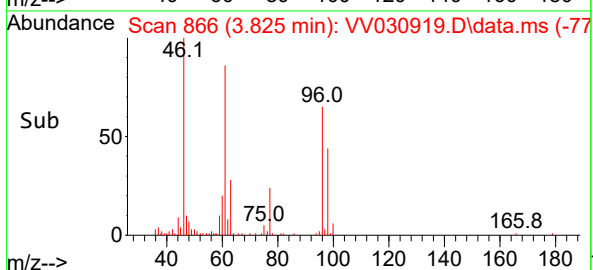
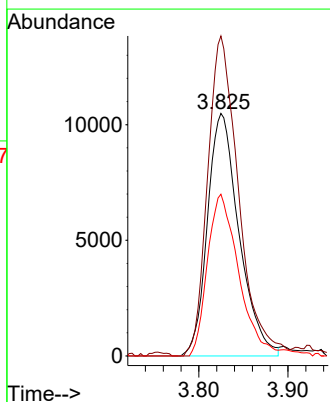
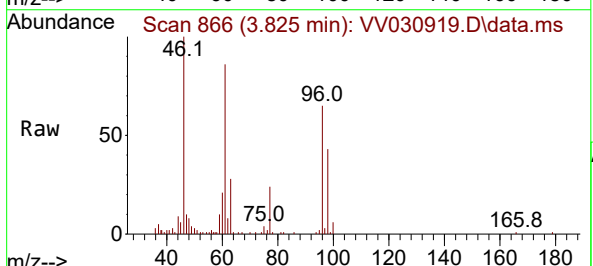
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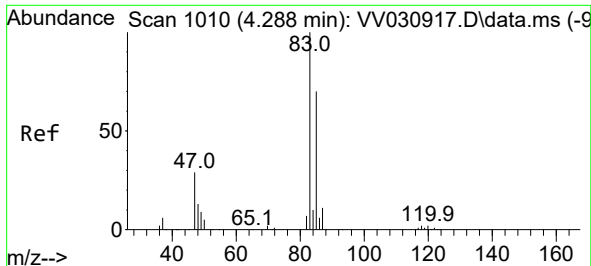
Reviewed By :Krupa Patel 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#22
cis-1,2-Dichloroethene
Concen: 2.871 ug/L
RT: 3.825 min Scan# 866
Delta R.T. -0.003 min
Lab File: VV030919.D
Acq: 28 Apr 2023 14:30

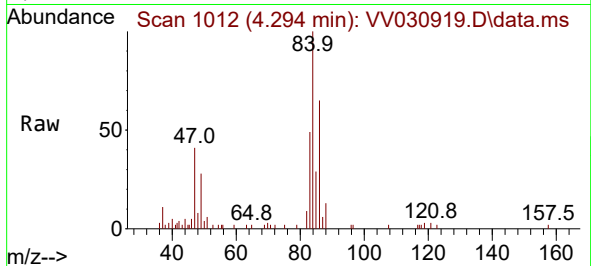
Tgt Ion: 96 Resp: 25806
Ion Ratio Lower Upper
96 100
61 131.9 86.0 159.6
98 66.7 43.2 80.2





#25
Chloroform
Concen: 0.534 ug/L
RT: 4.294 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VV030919.D
Acq: 28 Apr 2023 14:30

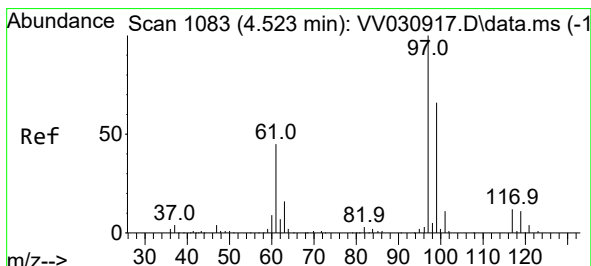
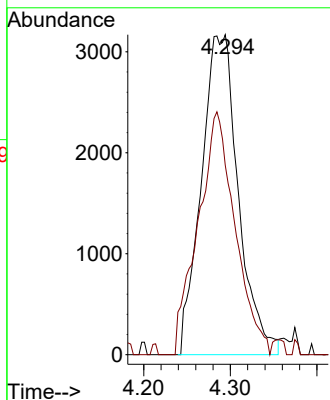
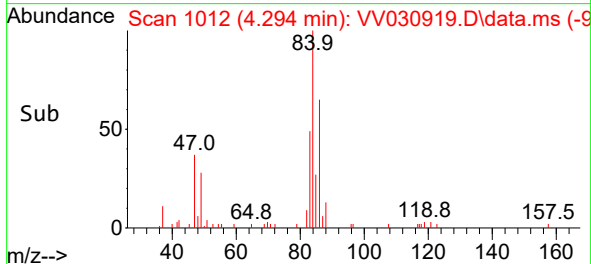
Instrument :
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BHE60



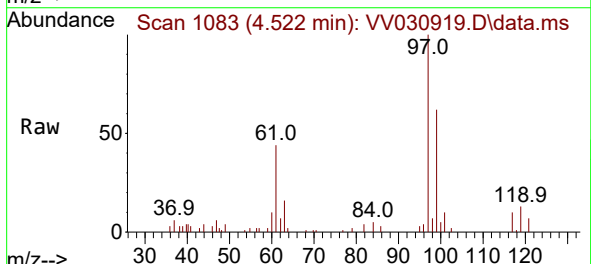
Tgt Ion: 83 Resp: 9424
Ion Ratio Lower Upper
83 100
85 59.3 46.4 86.2

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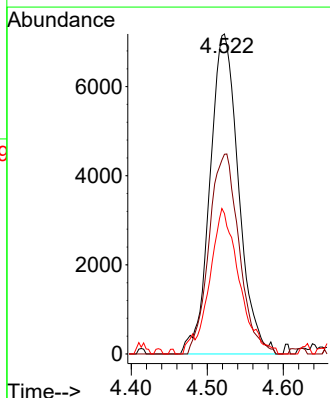
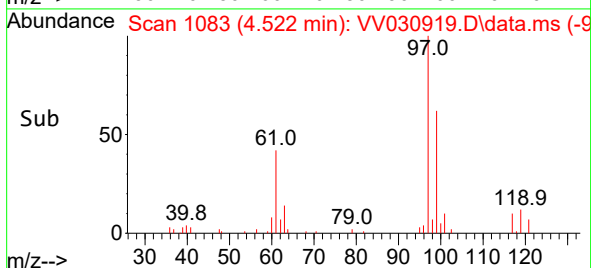
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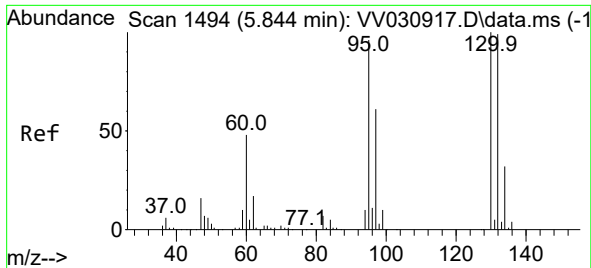


#29
1,1,1-Trichloroethane
Concen: 1.094 ug/L
RT: 4.522 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VV030919.D
Acq: 28 Apr 2023 14:30



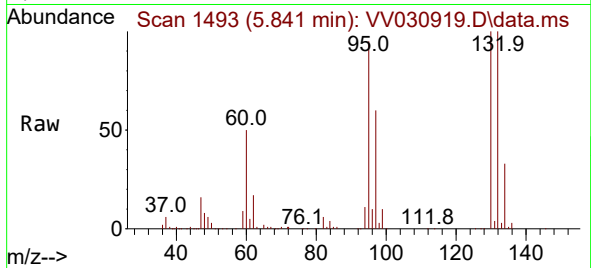
Tgt Ion: 97 Resp: 18770
Ion Ratio Lower Upper
97 100
99 65.9 51.4 77.2
61 47.3 37.4 56.0





#34
Trichloroethene
Concen: 9.377 ug/L
RT: 5.841 min Scan# 1494
Delta R.T. -0.003 min
Lab File: VV030919.D
Acq: 28 Apr 2023 14:30

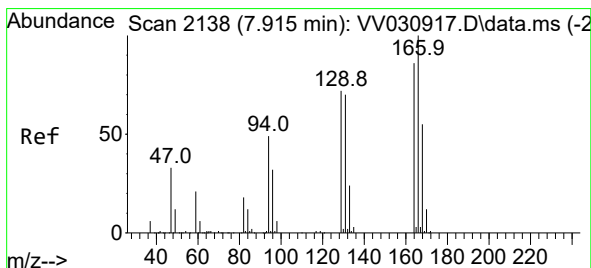
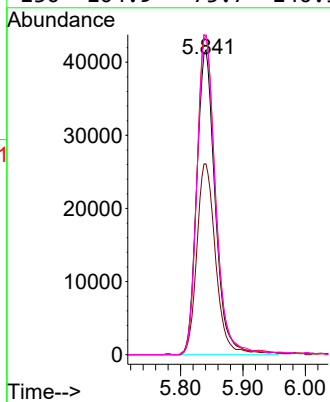
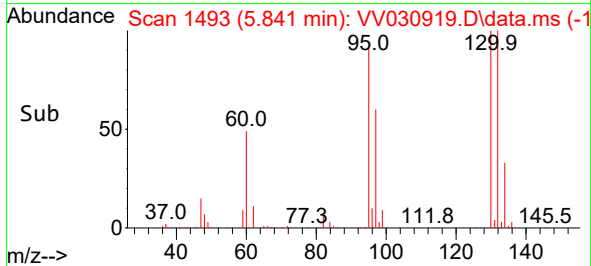
Instrument :
MSVOA_V
ClientSampleId :
BHE60



Tgt Ion: 95 Resp: 85838
Ion Ratio Lower Upper
95 100
97 62.6 46.2 85.8
132 104.6 72.7 135.1
130 104.9 75.7 140.5

Manual Integrations
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#47
Tetrachloroethene
Concen: 2.094 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VV030919.D
Acq: 28 Apr 2023 14:30

Tgt Ion:164 Resp: 18291
Ion Ratio Lower Upper
164 100
129 83.0 60.5 112.3
131 76.9 60.8 112.8
166 121.8 85.9 159.5

