

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031522\
 Data File : VW025022.D
 Acq On : 16 Mar 2022 01:34
 Operator : SY/MD
 Sample : N1933-14
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDC5

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/16/2022
 Supervised By : Mahesh Dadoda 03/16/2022

Quant Time: Mar 16 06:48:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 05:10:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	162305	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	152838	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67818	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	58562	4.570	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.400%	
7) Chloroethane-d5	1.571	69	44790	4.773	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.400%	
11) 1,1-Dichloroethene-d2	2.111	63	72914	3.521	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.400%	
20) 2-Butanone-d5	3.892	46	103740	66.990	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	133.980%#	
24) Chloroform-d	4.352	84	102900	4.842	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.800%	
26) 1,2-Dichloroethane-d4	5.037	65	45757	5.150	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.000%	
32) Benzene-d6	5.050	84	213425	4.814	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.200%	
36) 1,2-Dichloropropane-d6	6.069	67	64286	5.042	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.800%	
41) Toluene-d8	7.316	98	184168	4.558	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.200%	
43) trans-1,3-Dichloroprop...	7.625	79	20395	4.589	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.800%	
46) 2-Hexanone-d5	8.088	63	80644	53.195	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.400%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39684	5.291	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	60809	5.297	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.000%	
Target Compounds						
13) Acetone	2.182	43	37587	36.292	ug/L	81
21) 2-Butanone	4.021	43	7941m	4.858	ug/L	
25) Chloroform	4.378	83	15386	0.698	ug/L	100
30) Cyclohexane	4.683	56	1397	0.074	ug/L #	91
31) Carbon tetrachloride	4.831	117	22536	1.348	ug/L	98
34) Trichloroethene	5.921	95	6221	0.470	ug/L	97

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

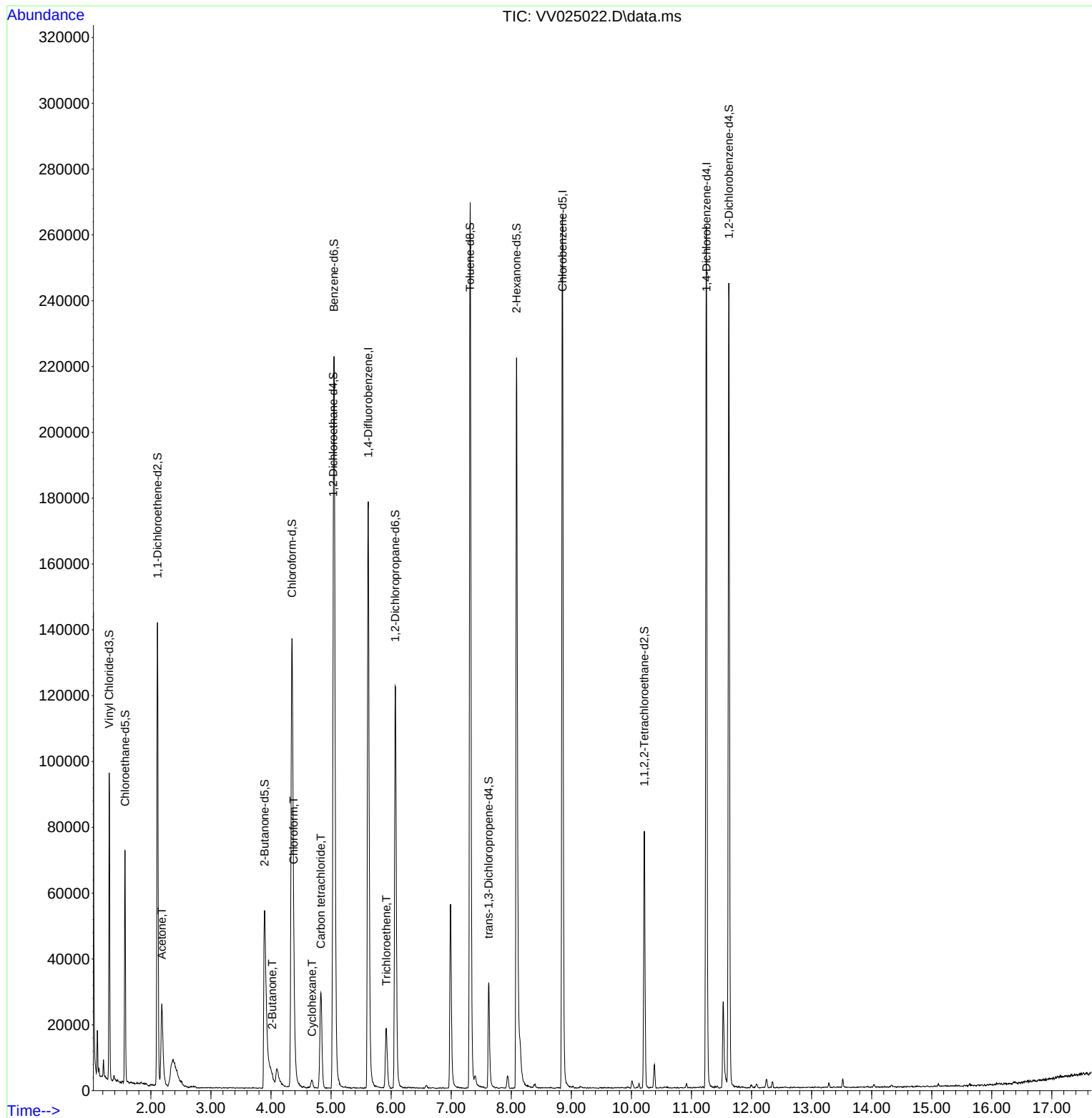
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031522\
Data File : VV025022.D
Acq On : 16 Mar 2022 01:34
Operator : SY/MD
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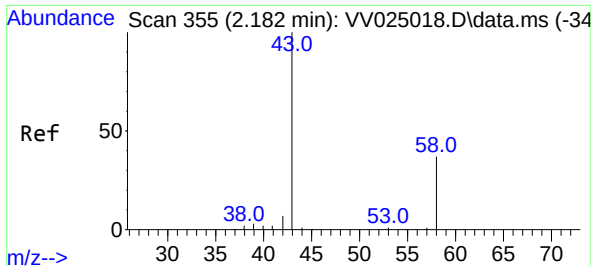
Instrument :
MSVOA_V
ClientSampleId :
GBDC5

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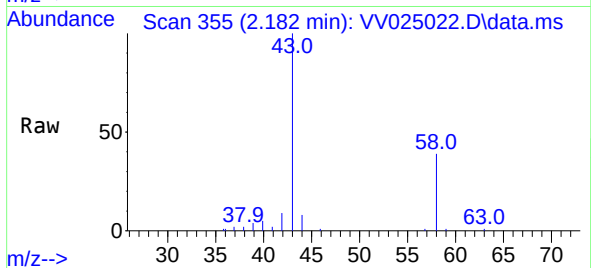
Quant Time: Mar 16 06:48:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Mar 16 05:10:39 2022
Response via : Initial Calibration





#13
Acetone
Concen: 36.292 ug/L
RT: 2.182 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV025022.D
Acq: 16 Mar 2022 01:34

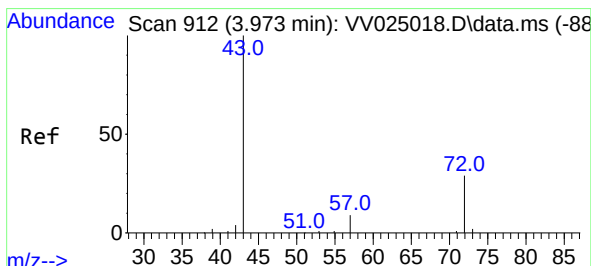
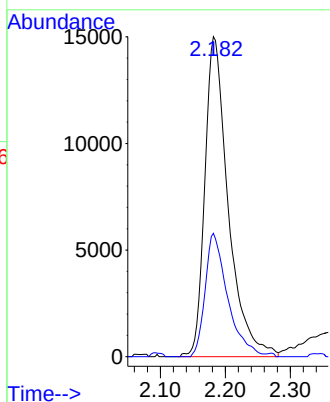
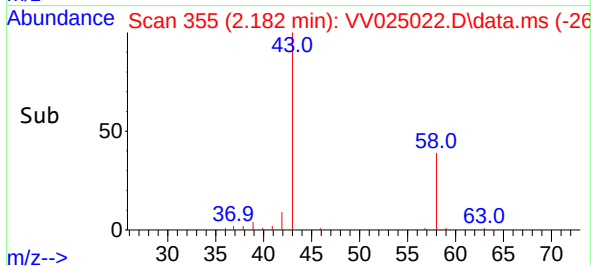
Instrument :
MSVOA_V
ClientSampleId :
GBDC5



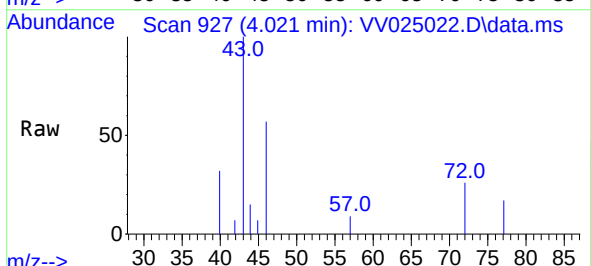
Tgt Ion: 43 Resp: 3758
Ion Ratio Lower Upper
43 100
58 37.1 0.0 54.2

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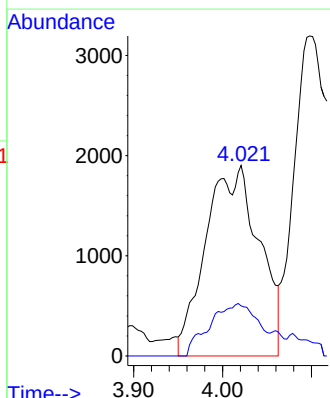
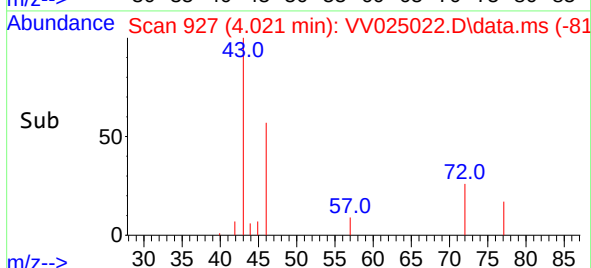
Reviewed By :John Carlone 03/16/2022
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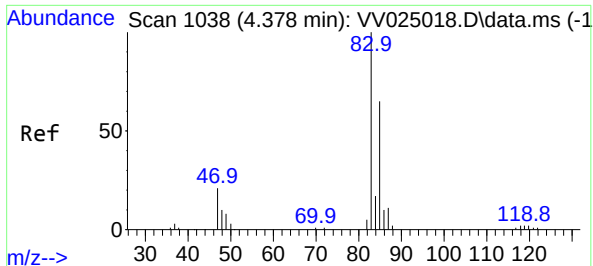


#21
2-Butanone
Concen: 4.858 ug/L m
RT: 4.021 min Scan# 927
Delta R.T. 0.048 min
Lab File: VV025022.D
Acq: 16 Mar 2022 01:34



Tgt Ion: 43 Resp: 7941
Ion Ratio Lower Upper
43 100
72 0.0 10.4 31.2#





#25

Chloroform

Concen: 0.698 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VV025022.D

Acq: 16 Mar 2022 01:34

Instrument :

MSVOA_V

ClientSampleId :

GBDC5

Tgt Ion: 83 Resp: 1538

Ion Ratio Lower Upper

83 100

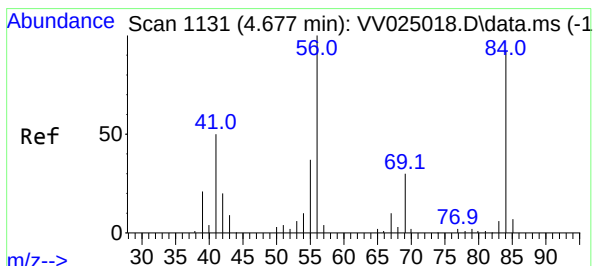
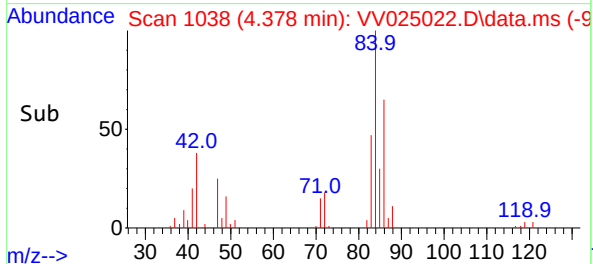
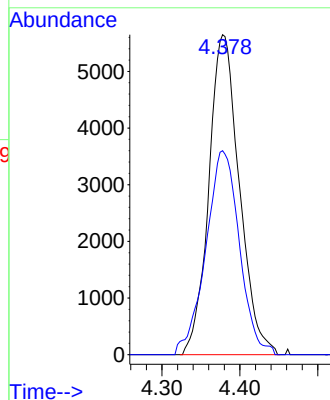
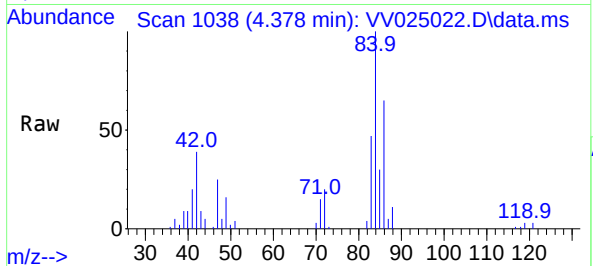
85 63.7 44.5 82.7

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#30

Cyclohexane

Concen: 0.074 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VV025022.D

Acq: 16 Mar 2022 01:34

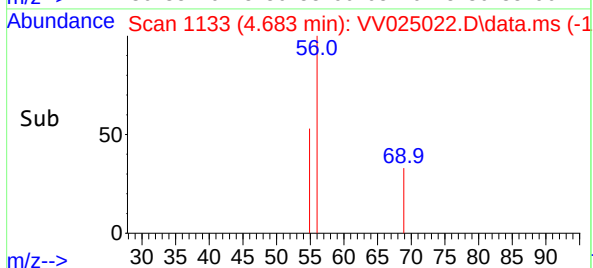
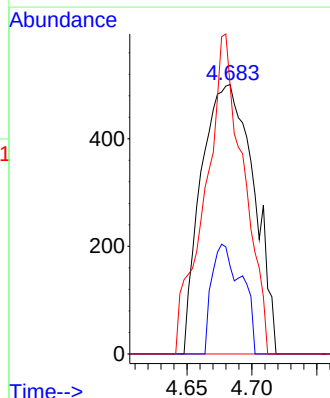
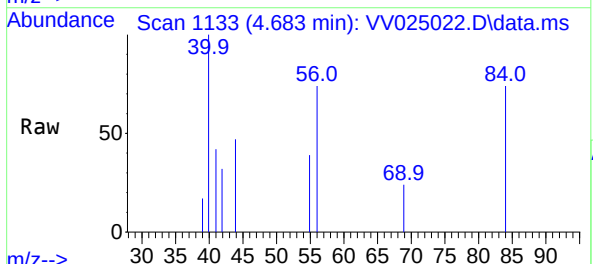
Tgt Ion: 56 Resp: 1397

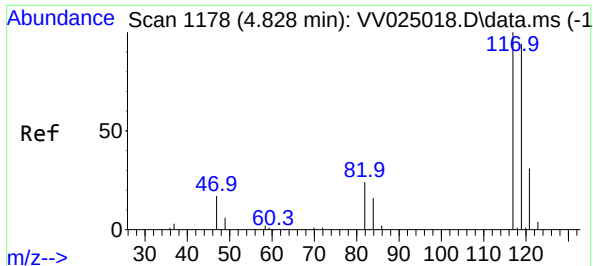
Ion Ratio Lower Upper

56 100

69 23.3 24.9 37.3

84 87.6 75.9 113.9





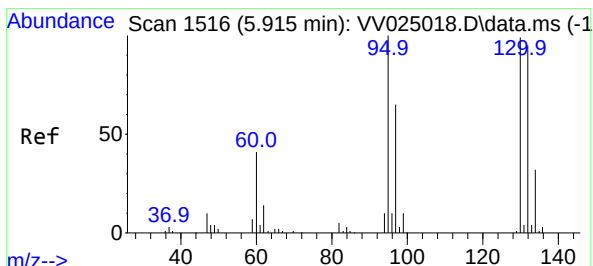
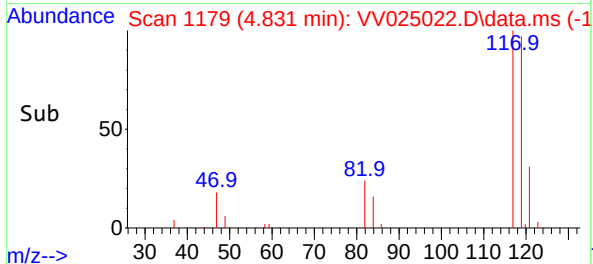
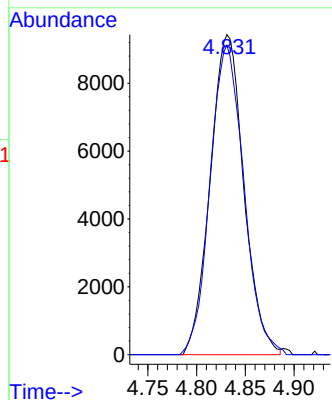
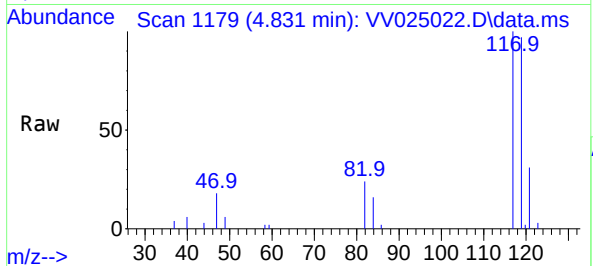
#31
Carbon tetrachloride
Concen: 1.348 ug/L
RT: 4.831 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV025022.D
Acq: 16 Mar 2022 01:34

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:117 Resp: 2253
Ion Ratio Lower Upper
117 100
119 97.6 76.8 115.2

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#34
Trichloroethene
Concen: 0.470 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VV025022.D
Acq: 16 Mar 2022 01:34

Tgt Ion: 95 Resp: 6221
Ion Ratio Lower Upper
95 100
97 66.5 44.5 82.7
132 94.0 66.5 123.5
130 100.8 68.0 126.2

