

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040523\
 Data File : VV030399.D
 Acq On : 05 Apr 2023 14:30
 Operator : SY/MD
 Sample : 02194-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDW2

Quant Time: Apr 06 05:27:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

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

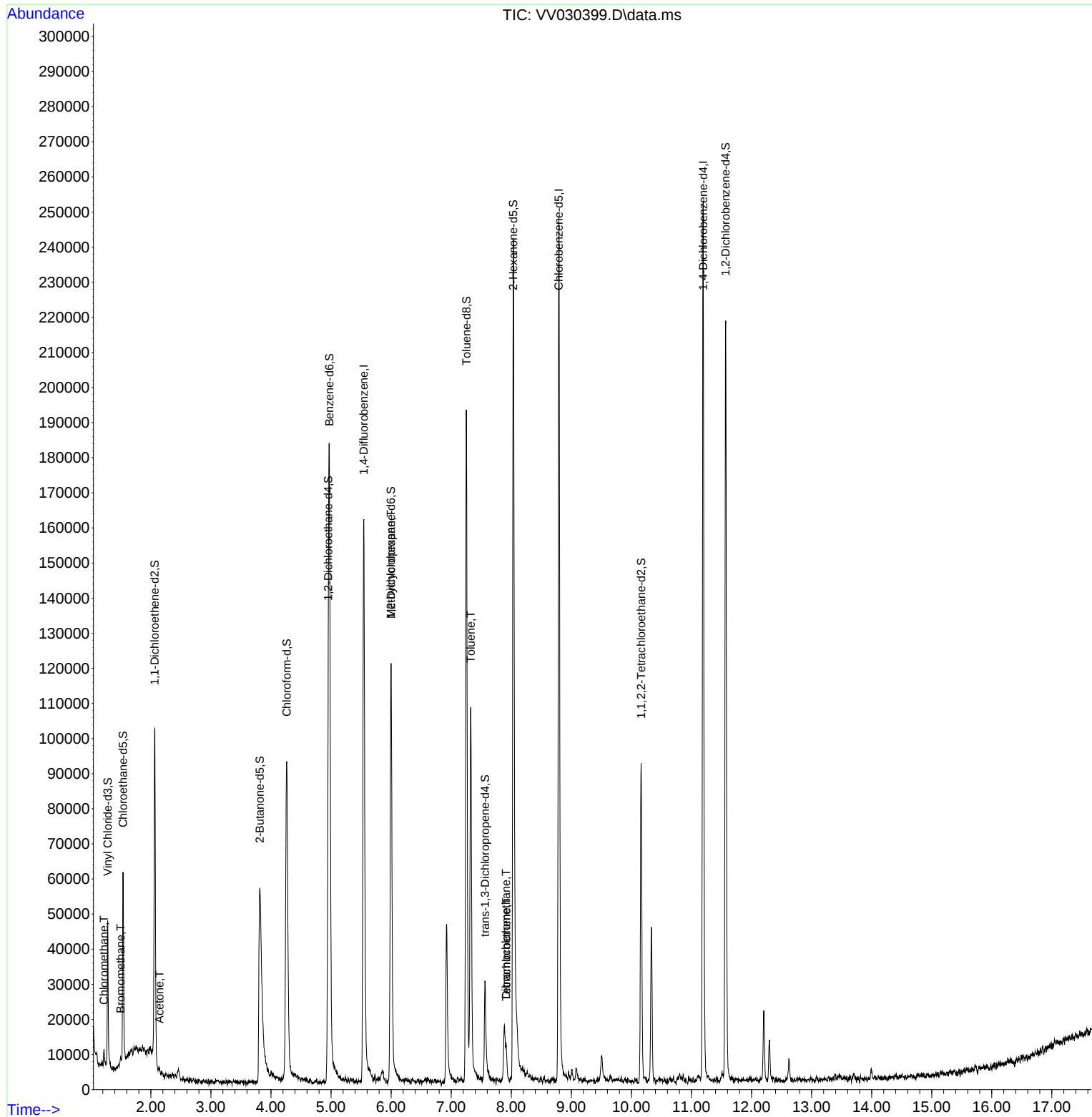
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	136367	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	133454	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	66314	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	25938	2.872	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.400%
7) Chloroethane-d5	1.535	69	32958	3.760	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	2.063	63	49810	2.324	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	46.400%#
20) 2-Butanone-d5	3.815	46	113953	48.814	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.620%
24) Chloroform-d	4.262	84	95032	4.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	4.953	65	50642	4.910	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	4.973	84	158463	4.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	5.998	67	53841	4.573	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.252	98	128817	3.730	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.600%
43) trans-1,3-Dichloroprop...	7.564	79	17387	3.922	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.034	63	85718	48.122	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.240%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	42230	4.551	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	55780	4.706	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						Qvalue
3) Chloromethane	1.220	50	3792	0.173	ug/L	98
6) Bromomethane	1.494	94	821	0.181	ug/L	94
13) Acetone	2.143	43	4207	1.885	ug/L	81
35) Methylcyclohexane	5.998	83	13412	0.668	ug/L #	17
42) Toluene	7.326	91	77618	1.537	ug/L	99
47) Tetrachloroethene	7.918	164	2111	0.187	ug/L	96
49) Dibromochloromethane	7.915	129	2005	0.197	ug/L #	12

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

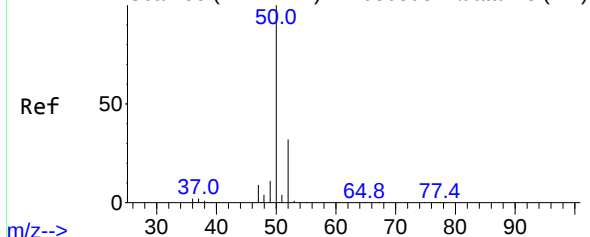
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 31 05:37:21 2023
Response via : Initial Calibration



Abundance Scan 55 (1.217 min): VV030393.D\data.ms (-47)



#3

Chloromethane

Concen: 0.173 ug/L

RT: 1.220 min Scan# 50

Delta R.T. 0.003 min

Lab File: VV030399.D

Acq: 05 Apr 2023 14:30

Instrument :

MSVOA_V

ClientSampleId :

BHDW2

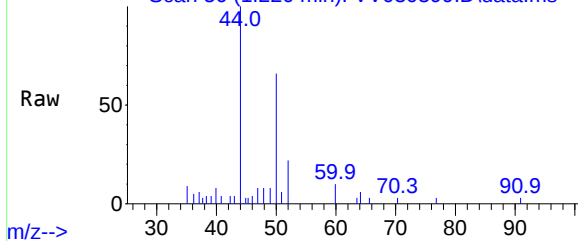
Tgt Ion: 50 Resp: 3792

Ion Ratio Lower Upper

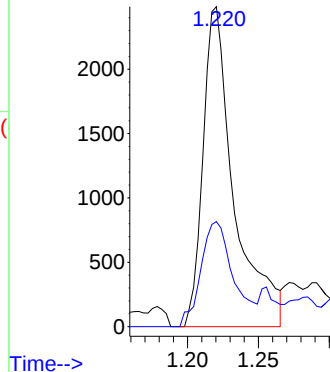
50 100

52 32.9 22.3 41.5

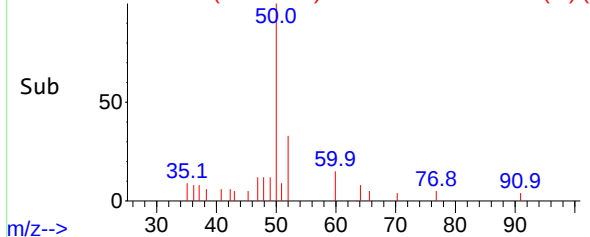
Abundance Scan 56 (1.220 min): VV030399.D\data.ms



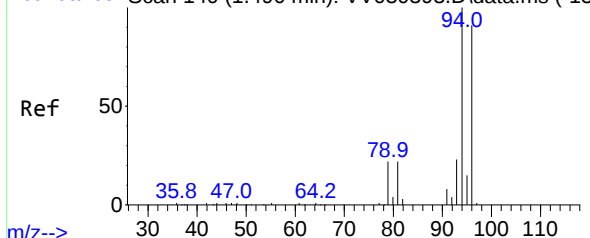
Abundance



Abundance Scan 56 (1.220 min): VV030399.D\data.ms (-1)



Abundance Scan 140 (1.490 min): VV030393.D\data.ms (-13)



#6

Bromomethane

Concen: 0.181 ug/L

RT: 1.494 min Scan# 141

Delta R.T. 0.003 min

Lab File: VV030399.D

Acq: 05 Apr 2023 14:30

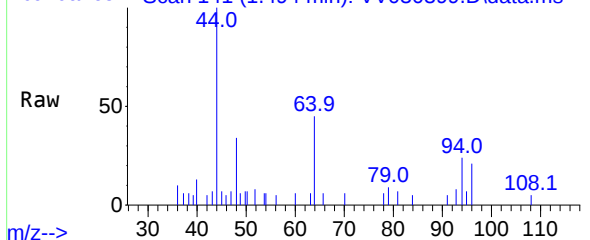
Tgt Ion: 94 Resp: 821

Ion Ratio Lower Upper

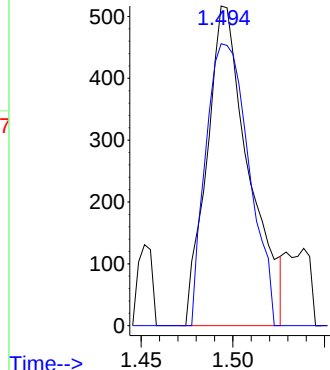
94 100

96 88.2 66.1 122.7

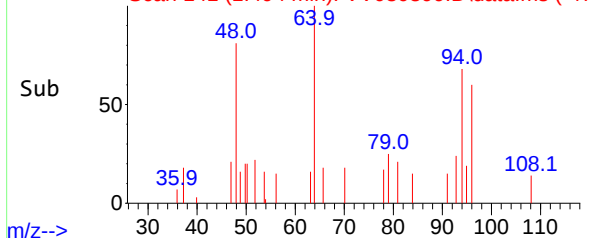
Abundance Scan 141 (1.494 min): VV030399.D\data.ms

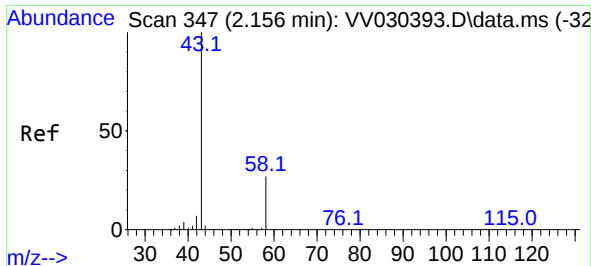


Abundance



Abundance Scan 141 (1.494 min): VV030399.D\data.ms (-47)





#13

Acetone

Concen: 1.885 ug/L

RT: 2.143 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV030399.D

Acq: 05 Apr 2023 14:30

Instrument :

MSVOA_V

ClientSampleId :

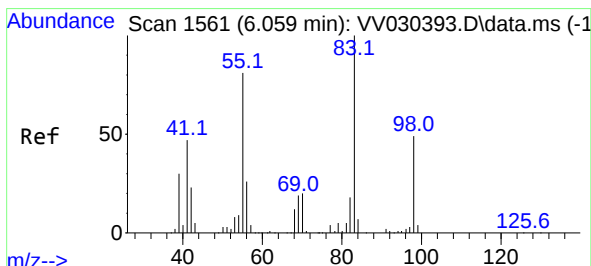
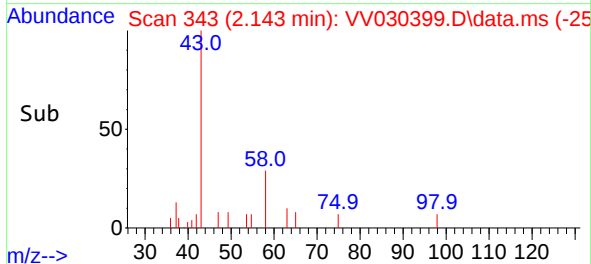
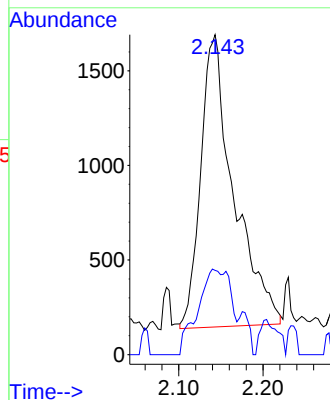
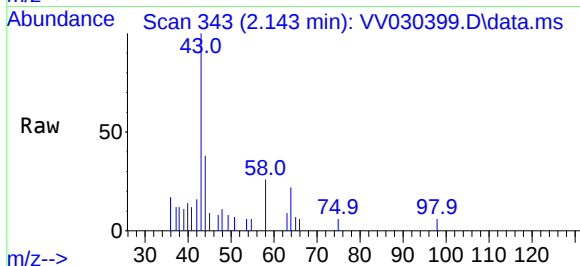
BHDW2

Tgt Ion: 43 Resp: 4207

Ion Ratio Lower Upper

43 100

58 29.3 0.0 40.8



#35

Methylcyclohexane

Concen: 0.668 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.061 min

Lab File: VV030399.D

Acq: 05 Apr 2023 14:30

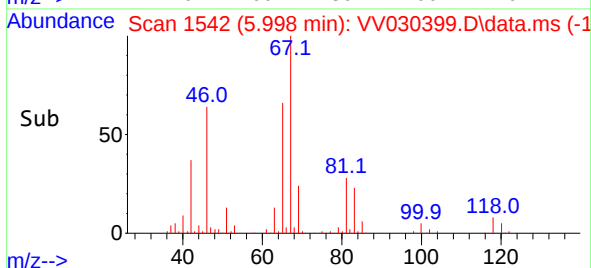
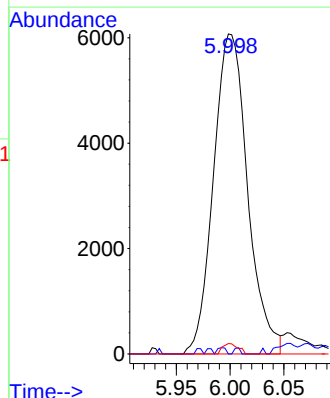
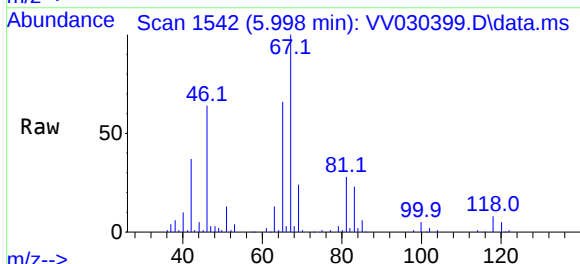
Tgt Ion: 83 Resp: 13412

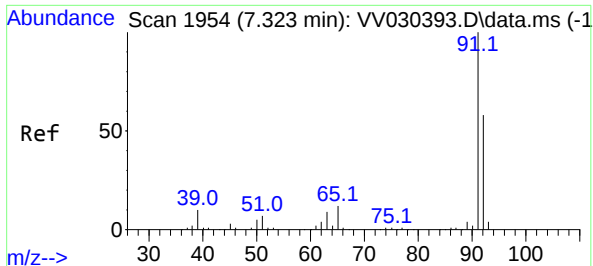
Ion Ratio Lower Upper

83 100

55 0.5 66.6 100.0#

98 1.5 38.6 58.0#

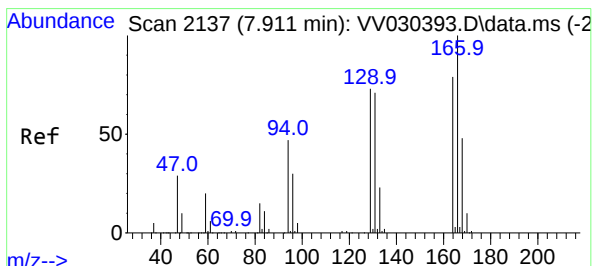
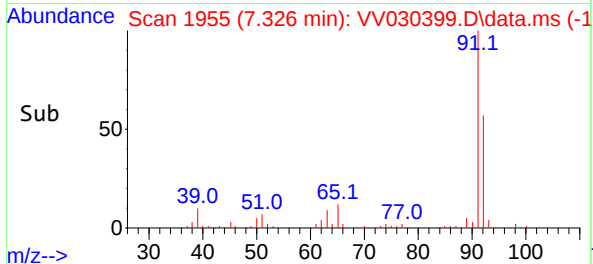
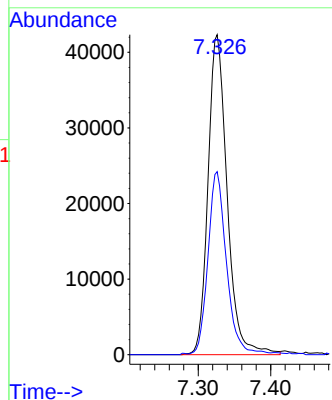
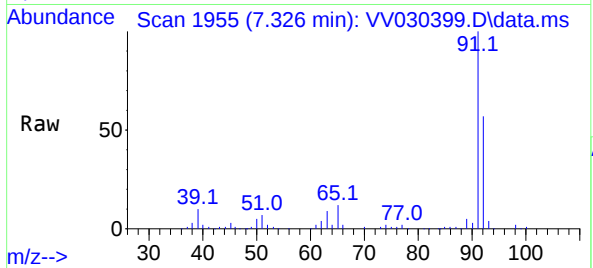




#42
Toluene
Concen: 1.537 ug/L
RT: 7.326 min Scan# 1954
Delta R.T. 0.003 min
Lab File: VV030399.D
Acq: 05 Apr 2023 14:30

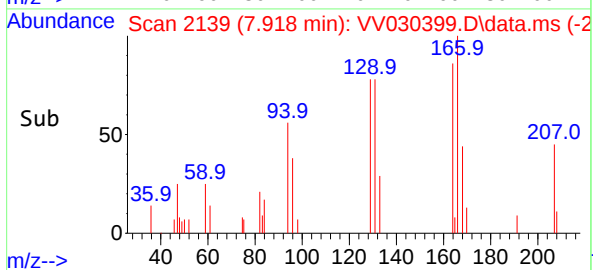
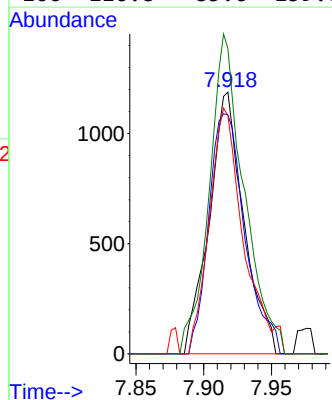
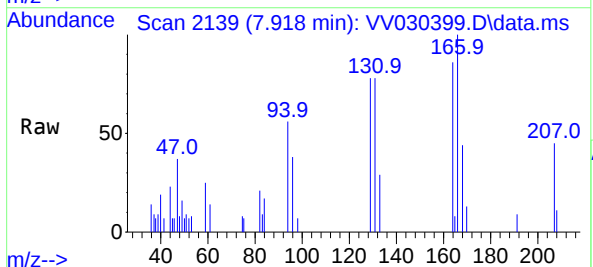
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MSVOA_V
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BHDW2

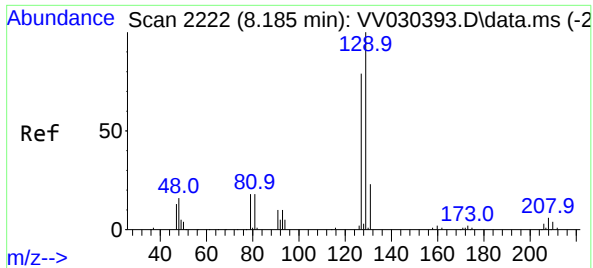
Tgt Ion: 91 Resp: 77618
Ion Ratio Lower Upper
91 100
92 57.2 40.4 75.0



#47
Tetrachloroethene
Concen: 0.187 ug/L
RT: 7.918 min Scan# 2139
Delta R.T. 0.006 min
Lab File: VV030399.D
Acq: 05 Apr 2023 14:30

Tgt Ion: 164 Resp: 2111
Ion Ratio Lower Upper
164 100
129 91.3 60.8 112.8
131 91.0 61.7 114.7
166 116.8 85.6 159.0





#49
 Dibromochloromethane
 Concen: 0.197 ug/L
 RT: 7.915 min Scan# 21
 Delta R.T. -0.270 min
 Lab File: VV030399.D
 Acq: 05 Apr 2023 14:30

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDW2

Tgt Ion:129 Resp: 2005
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.7 97.9#

