

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040623\
 Data File : VV030416.D
 Acq On : 06 Apr 2023 14:35
 Operator : SY/MD
 Sample : 02194-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDx0

Quant Time: Apr 07 04:50:52 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)

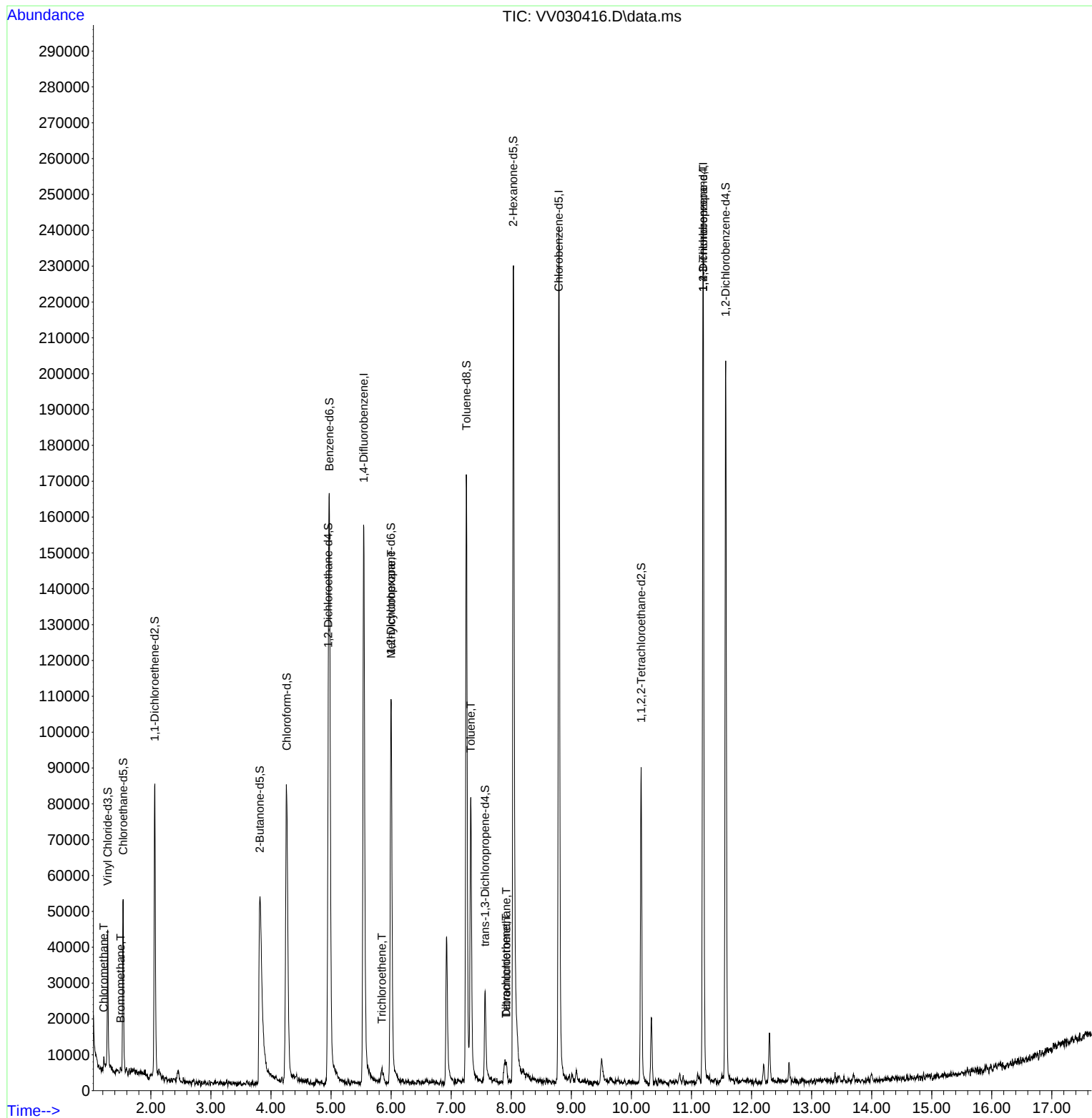
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	132608	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	130786	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	63946	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	22501	2.562	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	51.200%
7) Chloroethane-d5	1.539	69	29626	3.476	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.600%
11) 1,1-Dichloroethene-d2	2.063	63	44945	2.157	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	43.200%#
20) 2-Butanone-d5	3.815	46	111020	48.906	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.820%
24) Chloroform-d	4.262	84	87895	4.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
26) 1,2-Dichloroethane-d4	4.953	65	46960	4.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	4.973	84	141809	3.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
36) 1,2-Dichloropropane-d6	5.998	67	48177	4.175	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.600%
41) Toluene-d8	7.252	98	115192	3.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.000%#
43) trans-1,3-Dichloroprop...	7.564	79	15183	3.495	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.800%
46) 2-Hexanone-d5	8.034	63	80973	46.386	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.780%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	39326	4.324	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	51930	4.544	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	3221	0.151	ug/L	100
6) Bromomethane	1.497	94	679	0.154	ug/L	79
34) Trichloroethene	5.847	95	1137	0.091	ug/L #	86
35) Methylcyclohexane	6.001	83	12755	0.649	ug/L #	16
42) Toluene	7.326	91	56813	1.148	ug/L	99
47) Tetrachloroethene	7.915	164	1361	0.123	ug/L	89
49) Dibromochloromethane	7.918	129	1287	0.129	ug/L #	12
61) 1,2,3-Trichloropropane	11.194	75	7861	1.375	ug/L #	66

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

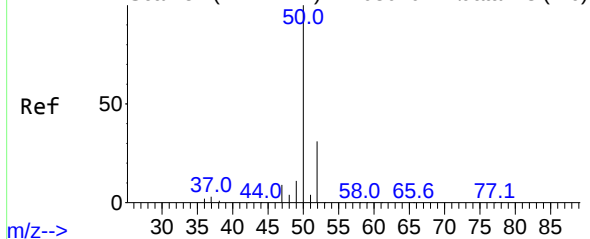
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040623\
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QLast Update : Fri Mar 31 05:37:21 2023
Response via : Initial Calibration



Abundance Scan 54 (1.214 min): VV030407.D\data.ms (-46)



#3

Chloromethane

Concen: 0.151 ug/L

RT: 1.217 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV030416.D

Acq: 06 Apr 2023 14:35

Instrument :

MSVOA_V

ClientSampleId :

BHDX0

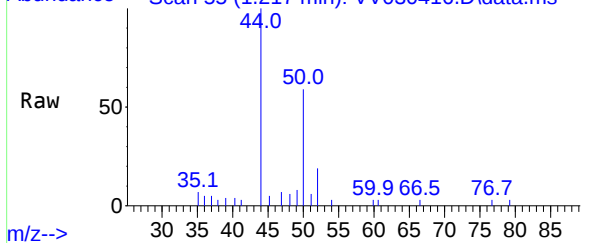
Tgt Ion: 50 Resp: 3221

Ion Ratio Lower Upper

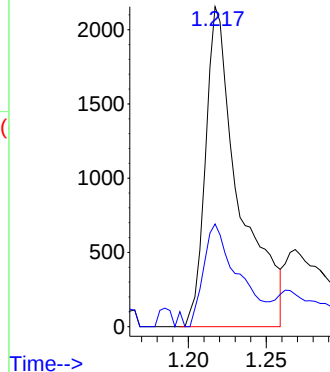
50 100

52 32.1 22.3 41.5

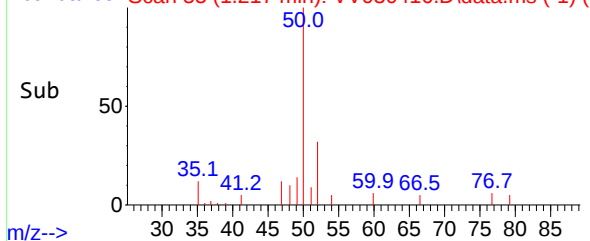
Abundance Scan 55 (1.217 min): VV030416.D\data.ms



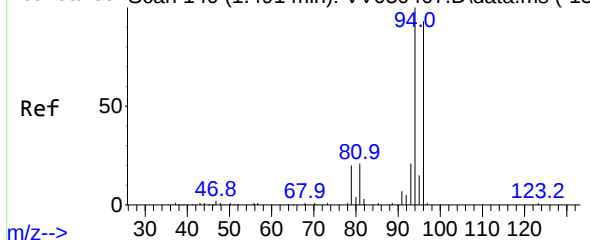
Abundance



Abundance Scan 55 (1.217 min): VV030416.D\data.ms (-1)



Abundance Scan 140 (1.491 min): VV030407.D\data.ms (-13)



#6

Bromomethane

Concen: 0.154 ug/L

RT: 1.497 min Scan# 142

Delta R.T. 0.006 min

Lab File: VV030416.D

Acq: 06 Apr 2023 14:35

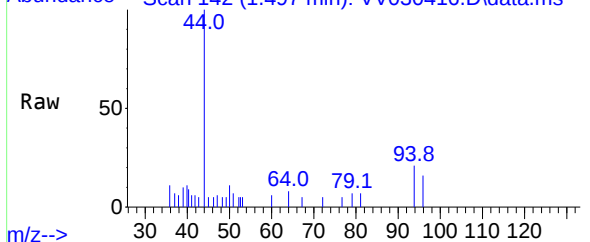
Tgt Ion: 94 Resp: 679

Ion Ratio Lower Upper

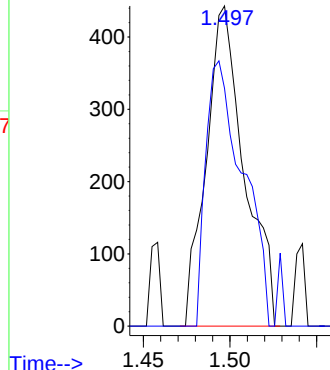
94 100

96 74.3 66.1 122.7

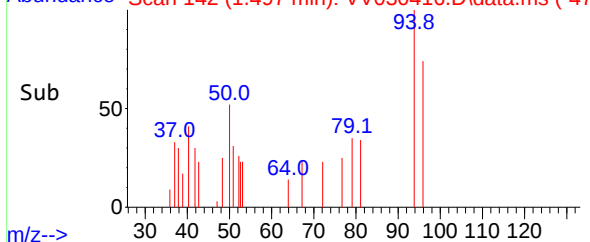
Abundance Scan 142 (1.497 min): VV030416.D\data.ms

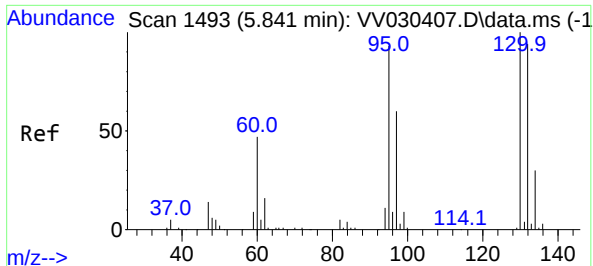


Abundance



Abundance Scan 142 (1.497 min): VV030416.D\data.ms (-47)

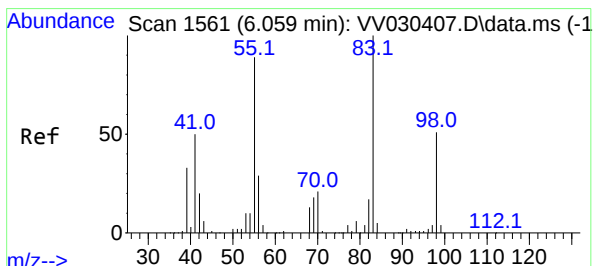
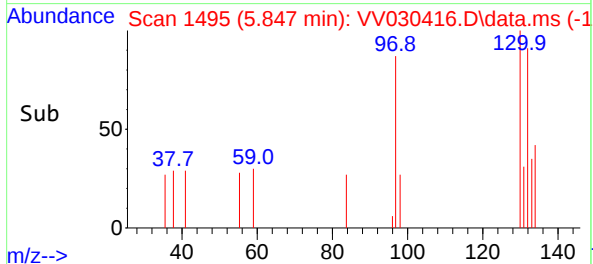
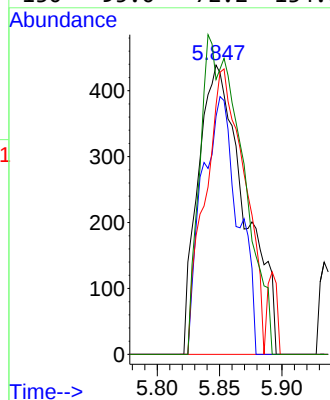
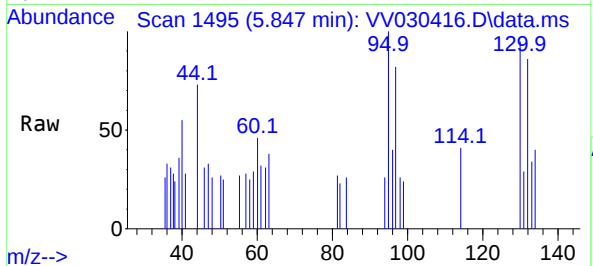




#34
Trichloroethene
Concen: 0.091 ug/L
RT: 5.847 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VV030416.D
Acq: 06 Apr 2023 14:35

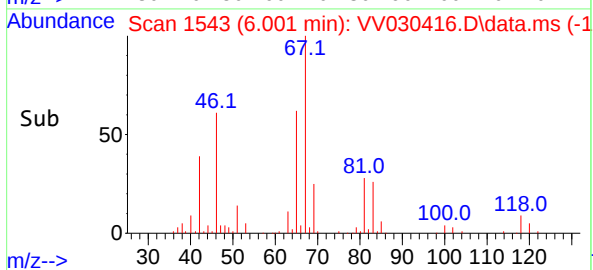
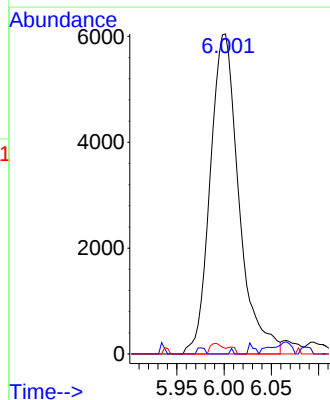
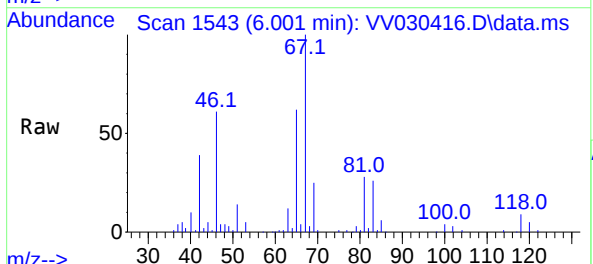
Instrument :
MSVOA_V
ClientSampleId :
BHDx0

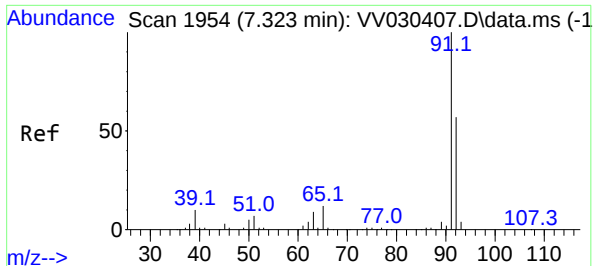
Tgt Ion: 95 Resp: 1137
Ion Ratio Lower Upper
95 100
97 82.2 44.2 82.2#
132 86.1 69.5 129.1
130 95.0 72.2 134.0



#35
Methylcyclohexane
Concen: 0.649 ug/L
RT: 6.001 min Scan# 1543
Delta R.T. -0.058 min
Lab File: VV030416.D
Acq: 06 Apr 2023 14:35

Tgt Ion: 83 Resp: 12755
Ion Ratio Lower Upper
83 100
55 0.2 66.6 100.0#
98 1.4 38.6 58.0#

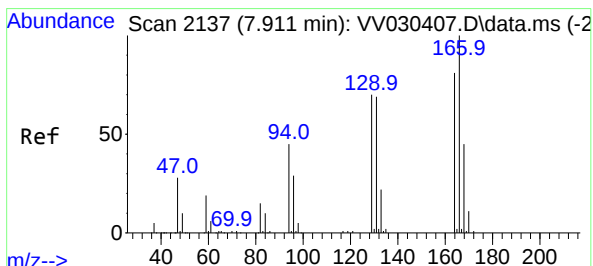
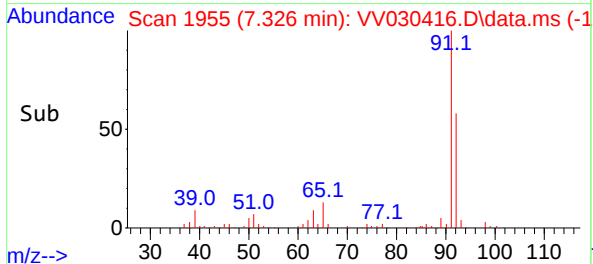
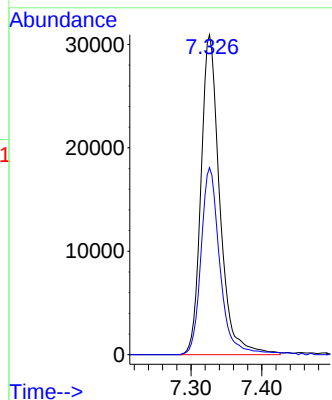
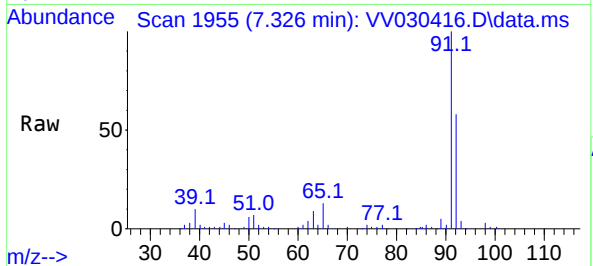




#42
Toluene
Concen: 1.148 ug/L
RT: 7.326 min Scan# 1954
Delta R.T. 0.003 min
Lab File: VV030416.D
Acq: 06 Apr 2023 14:35

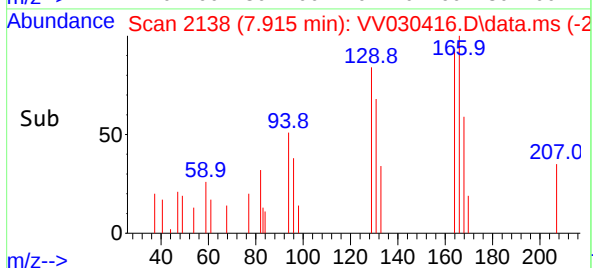
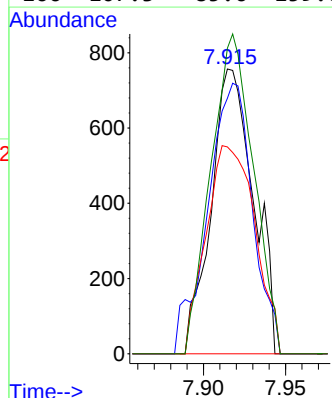
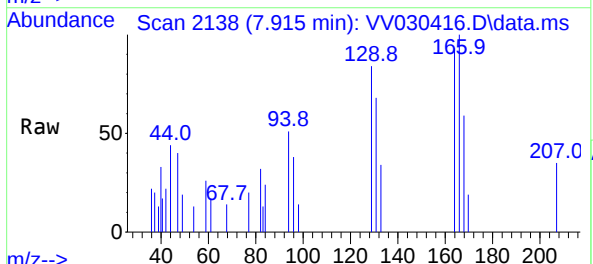
Instrument : MSVOA_V
ClientSampleId : BHDx0

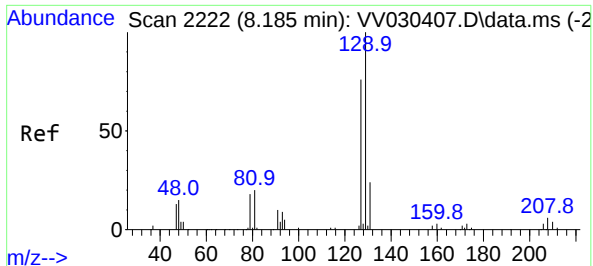
Tgt Ion: 91 Resp: 56813
Ion Ratio Lower Upper
91 100
92 58.5 40.4 75.0



#47
Tetrachloroethene
Concen: 0.123 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030416.D
Acq: 06 Apr 2023 14:35

Tgt Ion: 164 Resp: 1361
Ion Ratio Lower Upper
164 100
129 89.7 60.8 112.8
131 72.7 61.7 114.7
166 107.3 85.6 159.0





#49

Dibromochloromethane

Concen: 0.129 ug/L

RT: 7.918 min Scan# 2139

Delta R.T. -0.267 min

Lab File: VV030416.D

Acq: 06 Apr 2023 14:35

Instrument :

MSVOA_V

ClientSampleId :

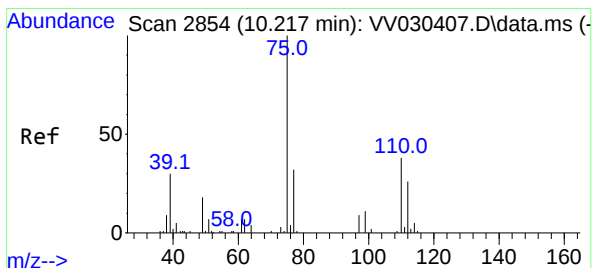
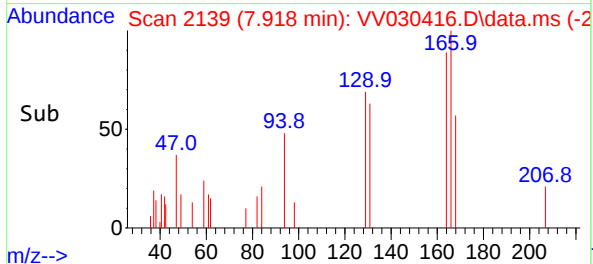
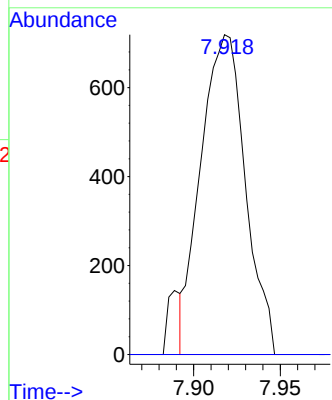
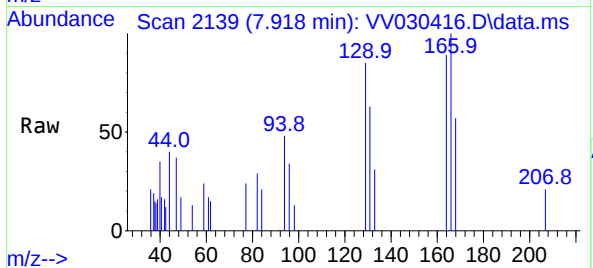
BHDX0

Tgt Ion:129 Resp: 1287

Ion Ratio Lower Upper

129 100

127 0.0 52.7 97.9#



#61

1,2,3-Trichloropropane

Concen: 1.375 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.977 min

Lab File: VV030416.D

Acq: 06 Apr 2023 14:35

Tgt Ion: 75 Resp: 7861

Ion Ratio Lower Upper

75 100

77 34.1 26.0 39.0

110 2.4 31.6 47.4#

