

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101223\
 Data File : VV032410.D
 Acq On : 12 Oct 2023 12:34
 Operator : SY/MD
 Sample : 04851-04DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 12 22:37:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 12 22:36:28 2023
 Response via : Initial Calibration

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

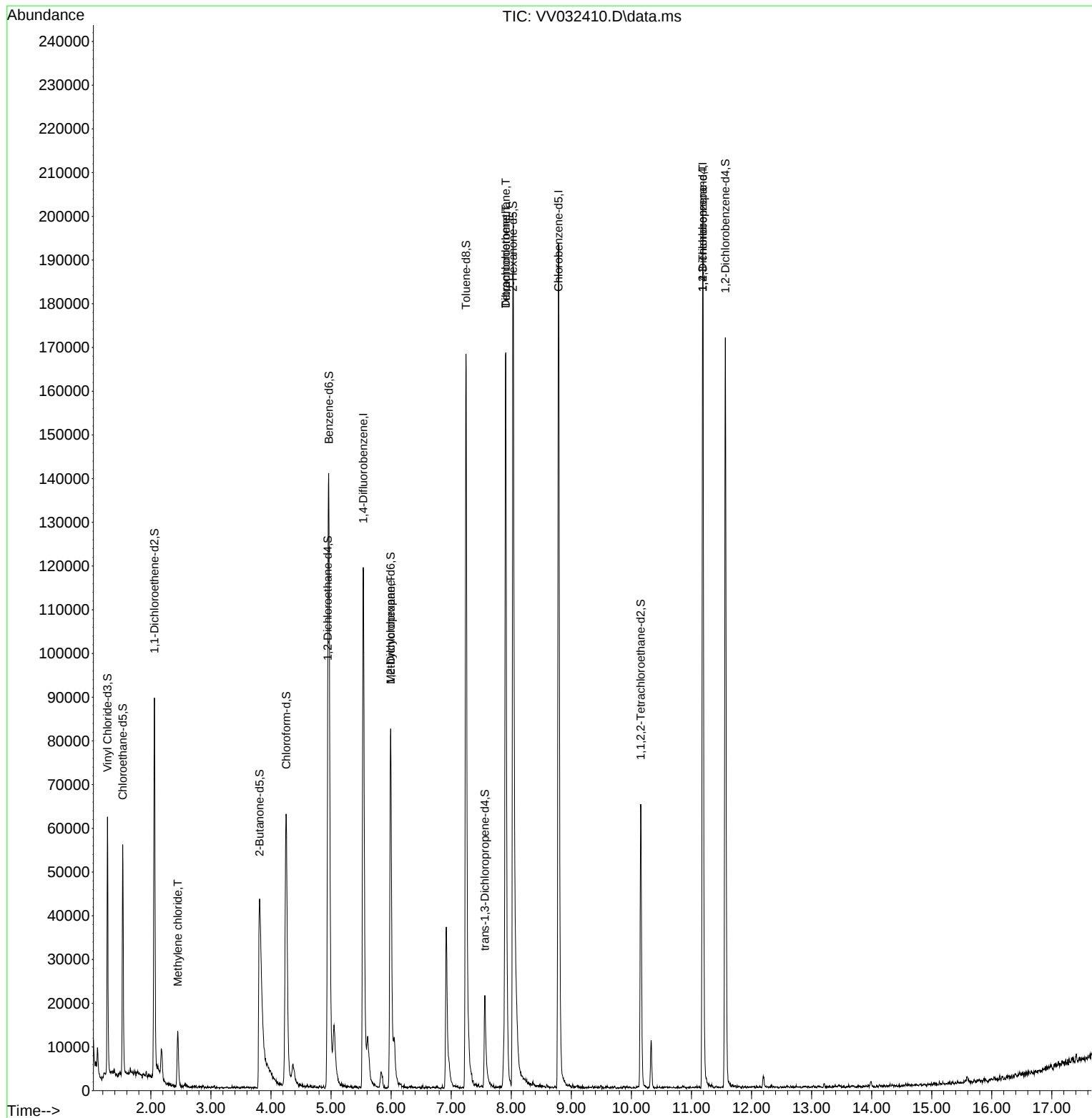
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	105141	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	113707	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	52215	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	38004	4.444	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.532	69	33474	4.823	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.060	65	14998	4.159	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	3.809	46	88786	41.045	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.100%
24) Chloroform-d	4.253	84	68228	4.523	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	4.944	65	31633	4.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	4.963	84	127543	3.812	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.200%
36) 1,2-Dichloropropane-d6	5.992	67	41331	3.728	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.600%
41) Toluene-d8	7.246	98	120340	3.933	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	7.561	79	14788	3.765	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.031	63	77396	41.876	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.760%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	33641	4.339	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	43550	4.495	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.449	84	4923	0.490	ug/L	94
35) Methylcyclohexane	5.992	83	9629	0.569	ug/L #	17
47) Tetrachloroethene	7.908	164	40489	4.885	ug/L	99
49) Dibromochloromethane	7.908	129	37110	4.720	ug/L #	8
61) 1,2,3-Trichloropropane	11.188	75	6700	1.206	ug/L #	67

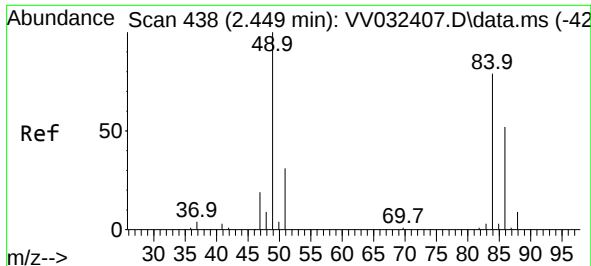
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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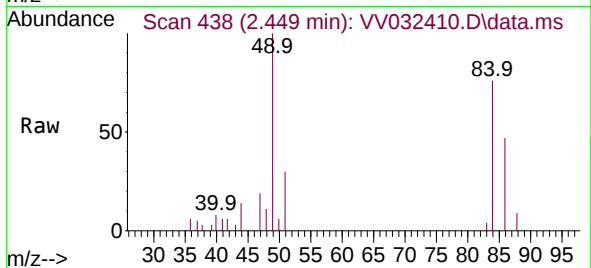
Quant Time: Oct 12 22:37:23 2023
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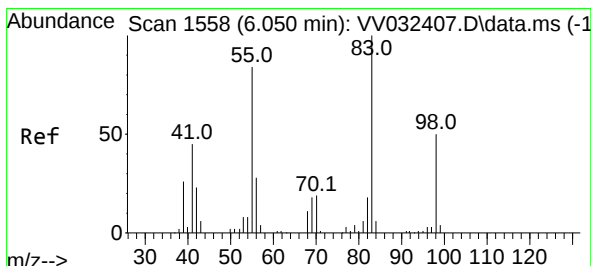
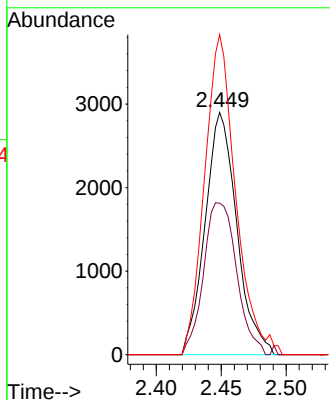
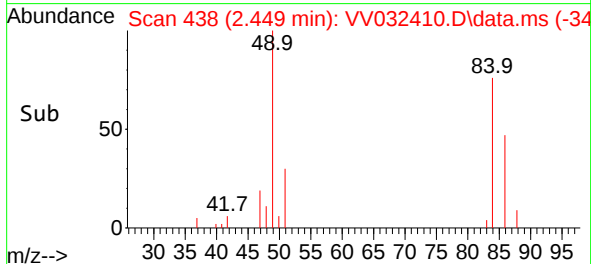
#16
Methylene chloride
Concen: 0.490 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV032410.D
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MSVOA_V
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Tgt Ion: 84 Resp: 4923

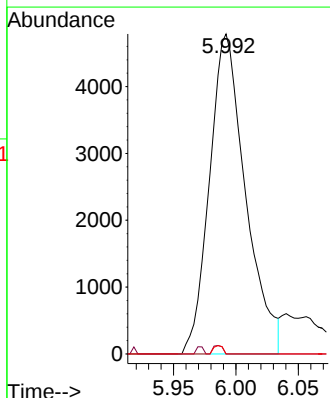
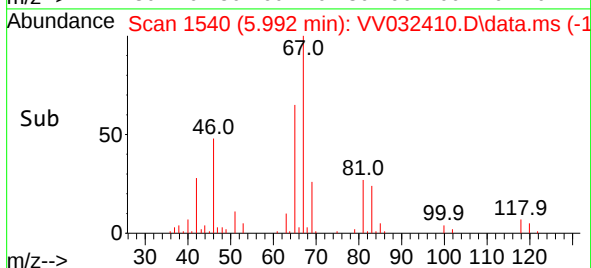
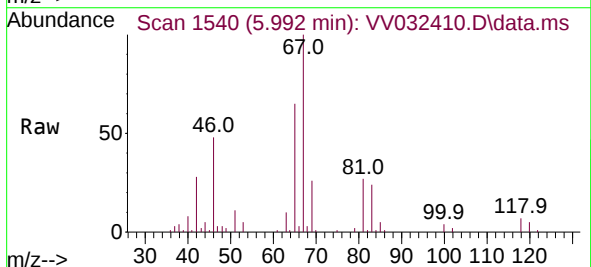
Ion	Ratio	Lower	Upper
84	100		
86	62.5	43.2	80.2
49	132.1	86.3	160.3

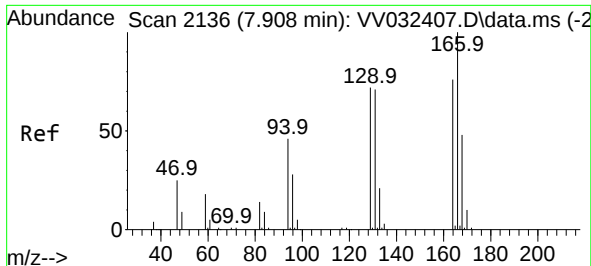


#35
Methylcyclohexane
Concen: 0.569 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.058 min
Lab File: VV032410.D
Acq: 12 Oct 2023 12:34

Tgt Ion: 83 Resp: 9629

Ion	Ratio	Lower	Upper
83	100		
55	0.7	64.2	96.2#
98	0.7	39.6	59.4#





#47

Tetrachloroethene

Concen: 4.885 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.000 min

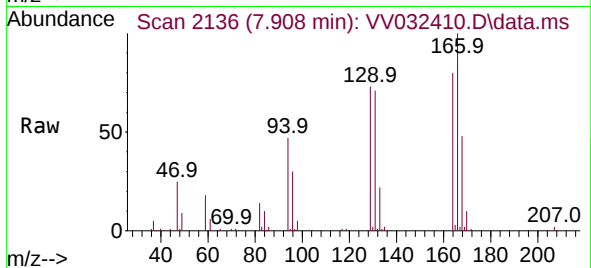
Lab File: VV032410.D

Acq: 12 Oct 2023 12:34

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 40489

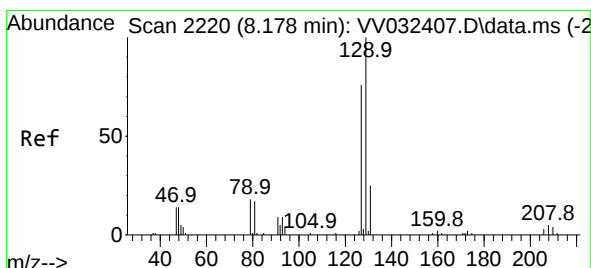
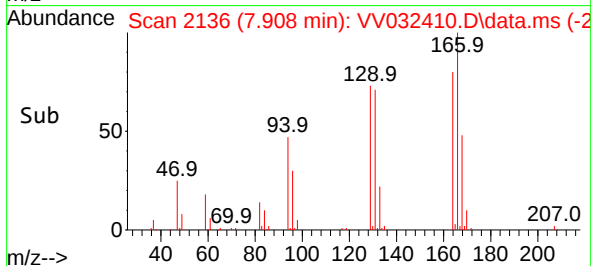
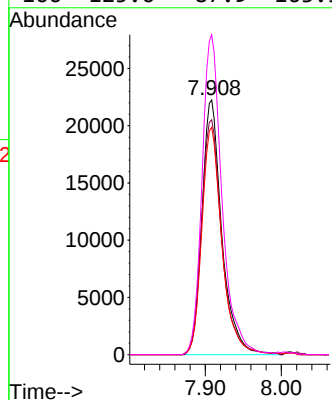
Ion Ratio Lower Upper

164 100

129 92.2 66.4 123.4

131 89.2 63.7 118.3

166 125.6 87.9 163.3



#49

Dibromochloromethane

Concen: 4.720 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.270 min

Lab File: VV032410.D

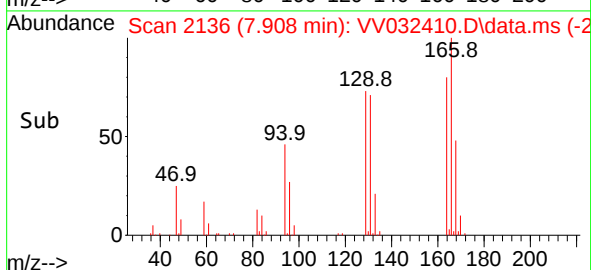
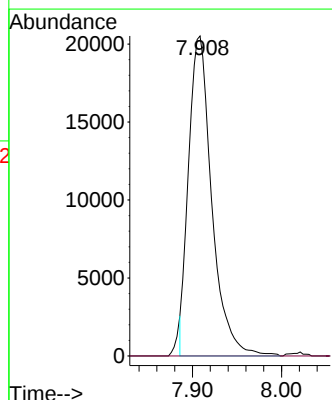
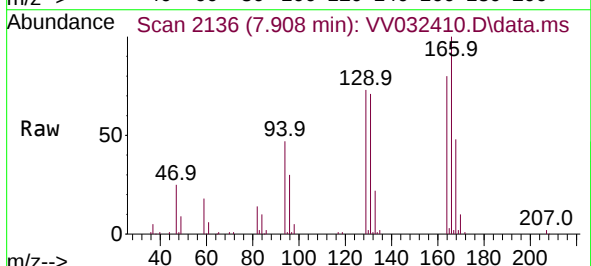
Acq: 12 Oct 2023 12:34

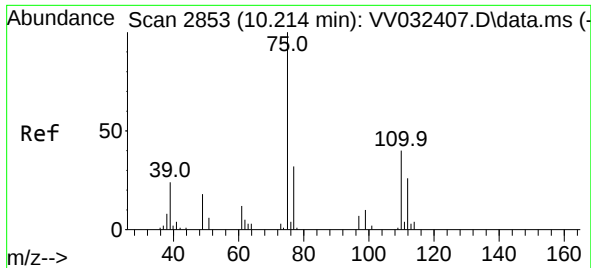
Tgt Ion:129 Resp: 37110

Ion Ratio Lower Upper

129 100

127 0.0 57.2 106.2#





#61

1,2,3-Trichloropropane

Concen: 1.206 ug/L

RT: 11.188 min Scan# 31

Delta R.T. 0.974 min

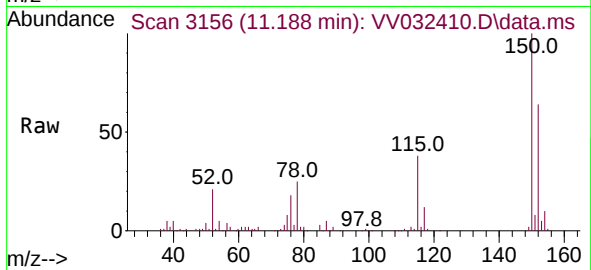
Lab File: VV032410.D

Acq: 12 Oct 2023 12:34

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 6700

Ion Ratio Lower Upper

75 100

77 33.6 26.2 39.2

110 2.3 30.6 46.0#

