

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
 Data File : VV028140.D
 Acq On : 27 Sep 2022 15:29
 Operator : SY/MD
 Sample : N4856-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H11

Quant Time: Sep 28 03:11:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 28 03:08:11 2022
 Response via : Initial Calibration

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

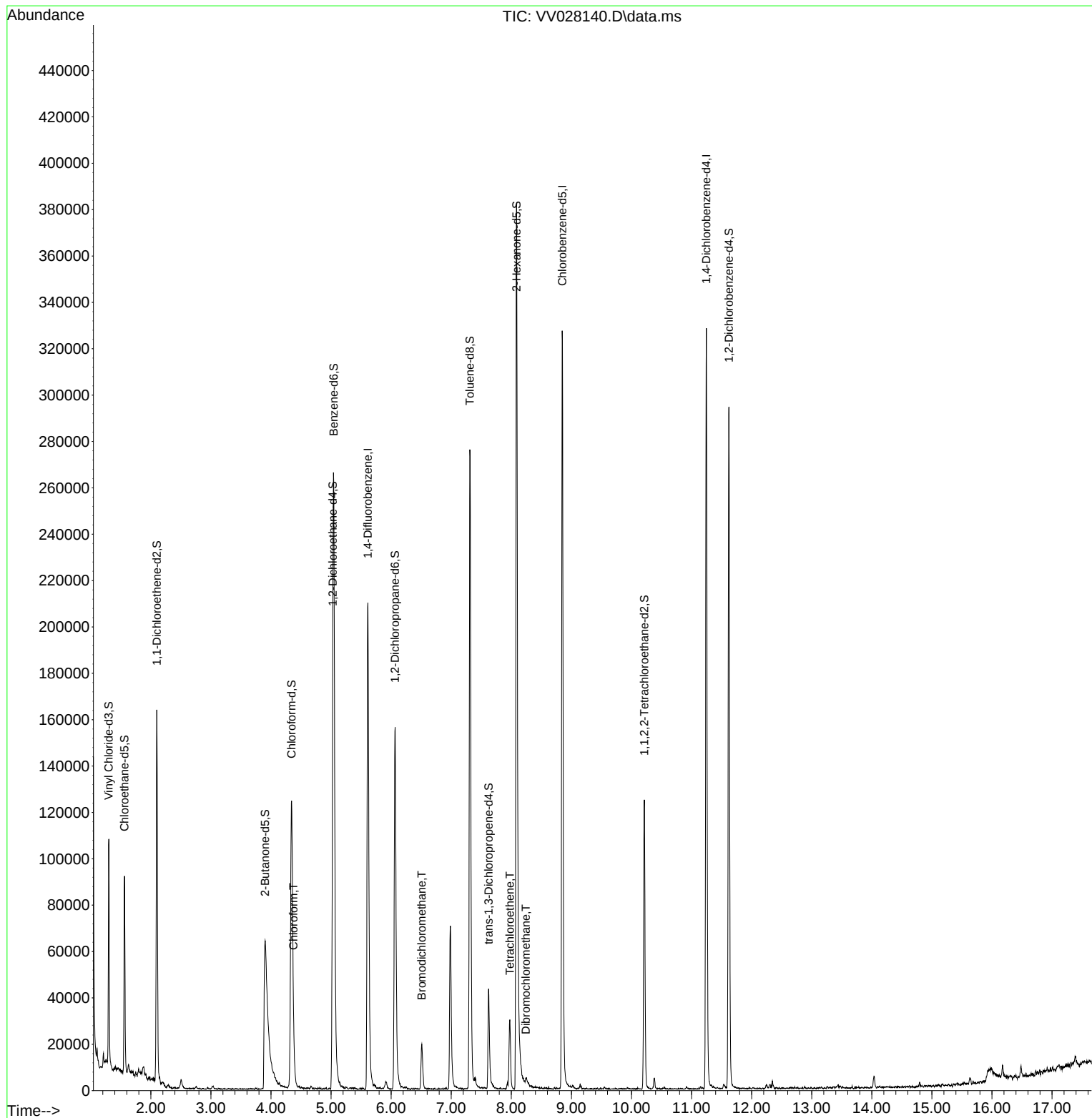
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	188859	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	186685	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	92247	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	60018	3.065	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.400%
7) Chloroethane-d5	1.561	69	56120	3.605	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.200%
11) 1,1-Dichloroethene-d2	2.098	63	81707	2.406	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.200%#
20) 2-Butanone-d5	3.902	46	174050	52.654	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.300%
24) Chloroform-d	4.339	84	131403	4.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	5.027	65	65953	4.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.043	84	245405	4.009	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.066	67	79530	4.168	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.310	98	192115	3.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.400%#
43) trans-1,3-Dichloroprop...	7.622	79	26958	3.911	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.088	63	148624	51.659	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.320%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	62771	4.812	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	79437	4.390	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						Qvalue
25) Chloroform	4.371	83	13116	0.490	ug/L	98
38) Bromodichloromethane	6.510	83	13895	0.774	ug/L #	95
47) Tetrachloroethene	7.976	164	7603	0.738	ug/L	94
49) Dibromochloromethane	8.243	129	1116	0.095	ug/L	86

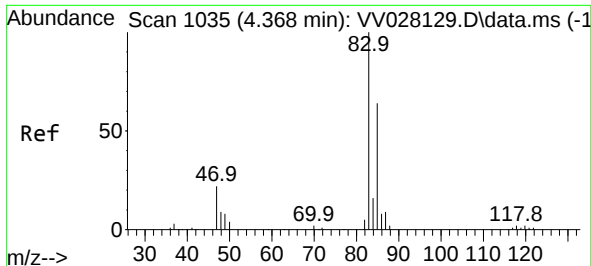
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.490 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.003 min

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Instrument :

MSVOA_V

ClientSampleId :

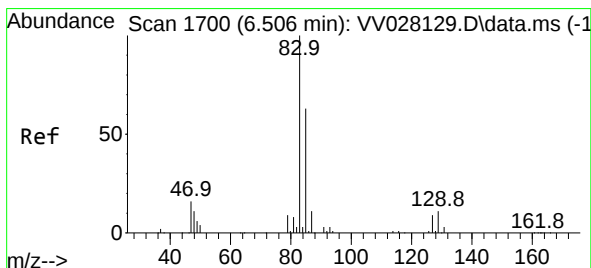
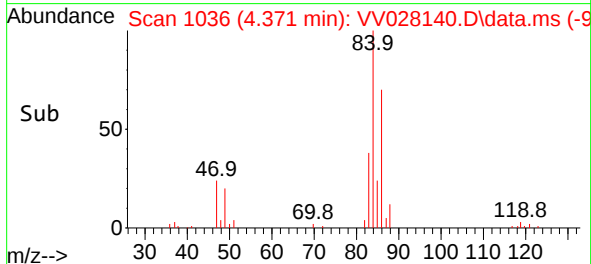
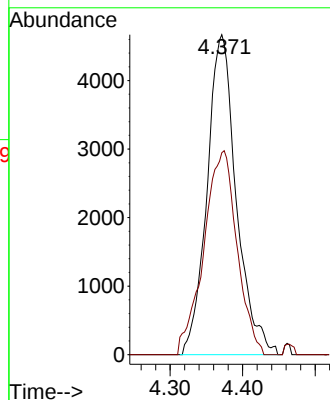
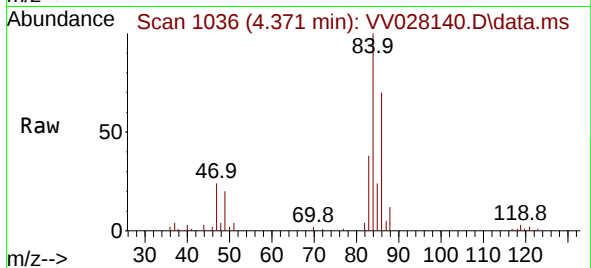
F5H11

Tgt Ion: 83 Resp: 13116

Ion Ratio Lower Upper

83 100

85 63.1 45.1 83.7



#38

Bromodichloromethane

Concen: 0.774 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

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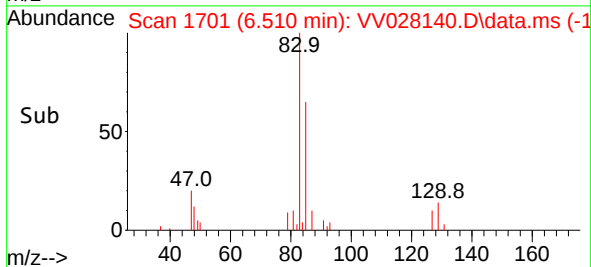
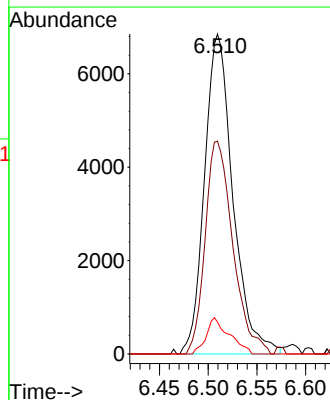
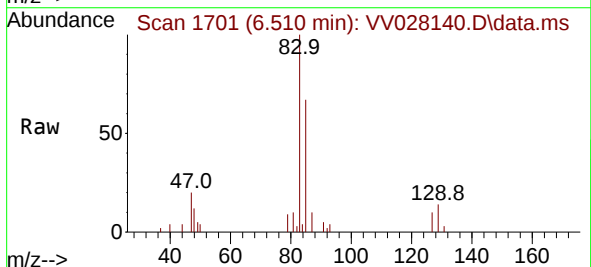
Tgt Ion: 83 Resp: 13895

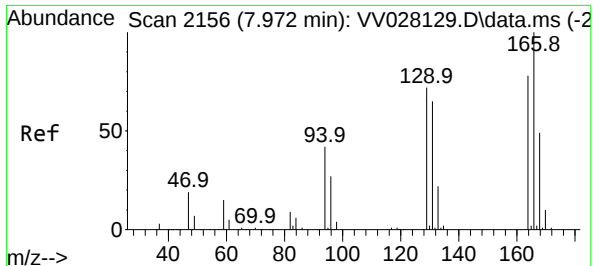
Ion Ratio Lower Upper

83 100

85 66.5 43.8 81.4

127 10.0 6.3 9.5#





#47

Tetrachloroethene

Concen: 0.738 ug/L

RT: 7.976 min Scan# 2156

Delta R.T. 0.003 min

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Instrument :

MSVOA_V

ClientSampleId :

F5H11

Tgt Ion:164 Resp: 7603

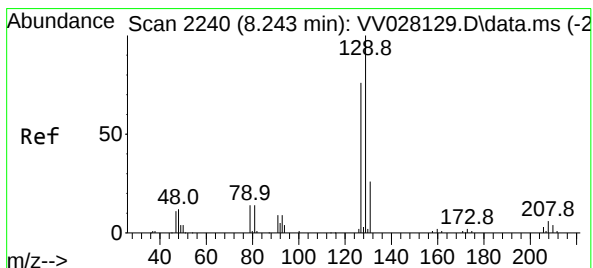
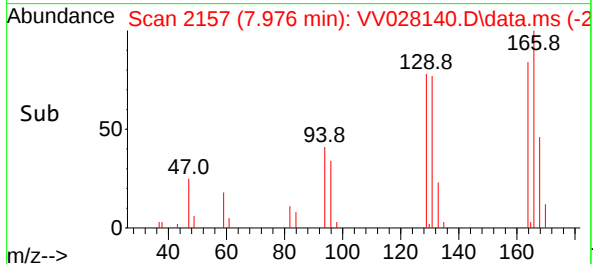
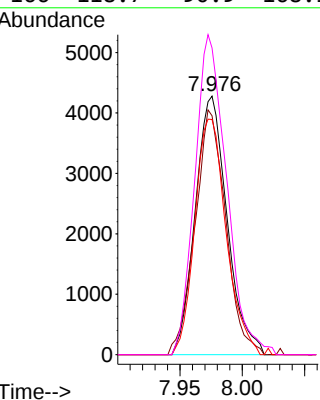
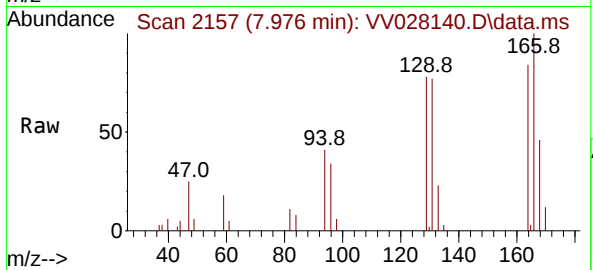
Ion Ratio Lower Upper

164 100

129 92.4 66.7 123.9

131 91.0 61.7 114.5

166 118.7 90.9 168.9



#49

Dibromochloromethane

Concen: 0.095 ug/L

RT: 8.243 min Scan# 2240

Delta R.T. 0.000 min

Lab File: VV028140.D

Acq: 27 Sep 2022 15:29

Tgt Ion:129 Resp: 1116

Ion Ratio Lower Upper

129 100

127 65.8 54.3 100.9

