

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082522\
 Data File : VV027505.D
 Acq On : 25 Aug 2022 19:28
 Operator : SY/MD
 Sample : N4370-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E88

Quant Time: Aug 26 01:02:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 26 00:58:54 2022
 Response via : Initial Calibration

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

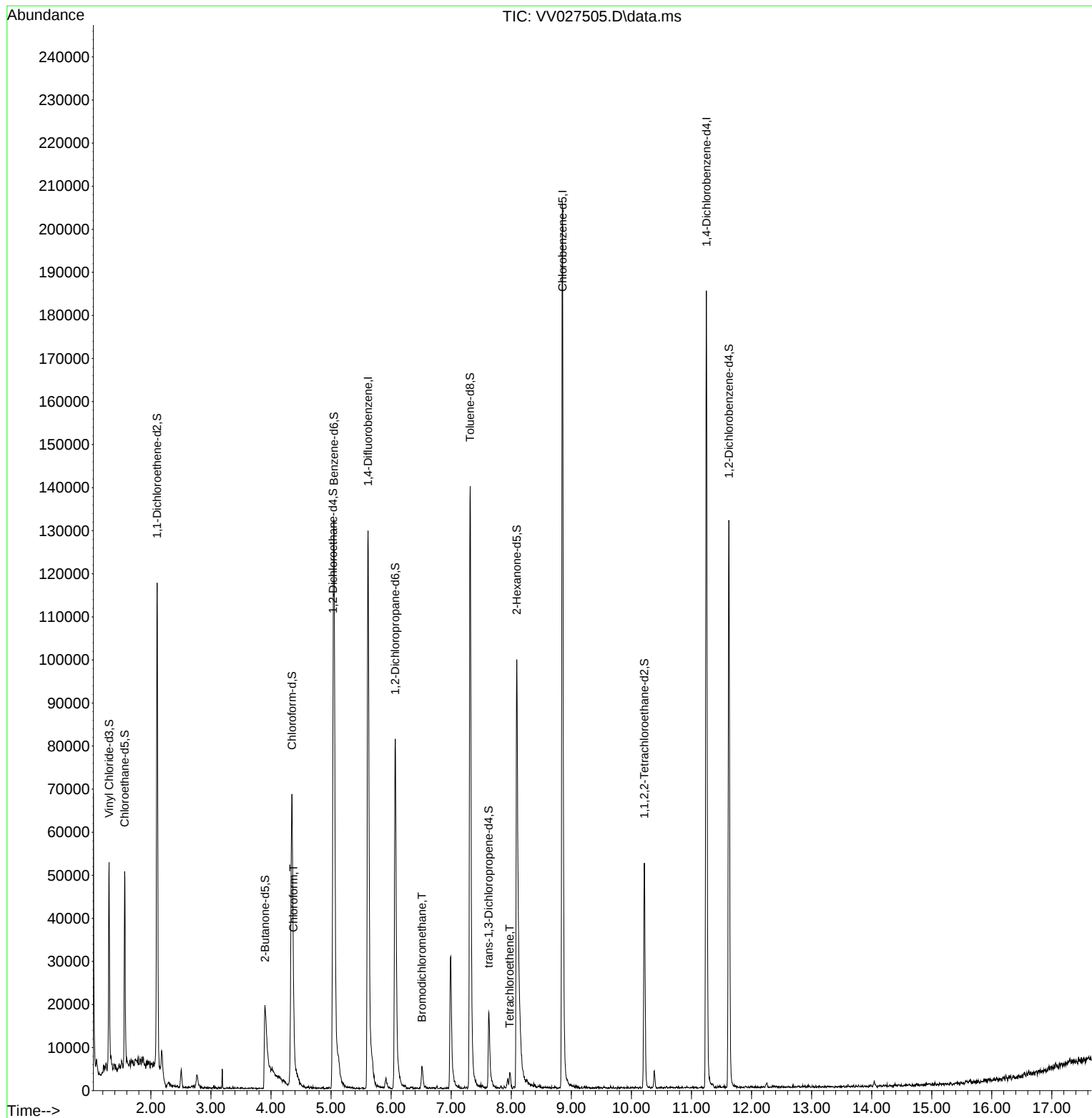
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	117958	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	115748	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50303	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33144	3.948	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.564	69	28942	4.711	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.105	63	59293	3.029	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.600%
20) 2-Butanone-d5	3.902	46	35420	33.902	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.800%
24) Chloroform-d	4.349	84	67950	4.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
26) 1,2-Dichloroethane-d4	5.034	65	32865	4.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.050	84	119974	3.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.800%
36) 1,2-Dichloropropane-d6	6.069	67	38424	4.122	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.400%
41) Toluene-d8	7.317	98	99100	3.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.400%#
43) trans-1,3-Dichloroprop...	7.625	79	11607	3.637	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.800%
46) 2-Hexanone-d5	8.091	63	40937	38.966	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.940%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25777	4.343	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	33462	4.487	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						Qvalue
25) Chloroform	4.375	83	8191	0.396	ug/L	89
38) Bromodichloromethane	6.513	83	3583	0.275	ug/L #	88
47) Tetrachloroethene	7.976	164	704	0.089	ug/L	94

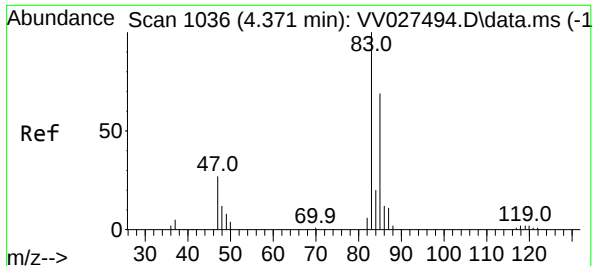
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.396 ug/L

RT: 4.375 min Scan# 1036

Delta R.T. 0.003 min

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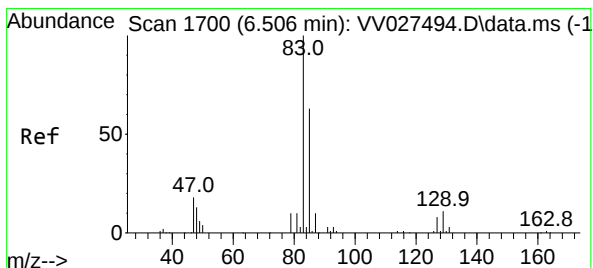
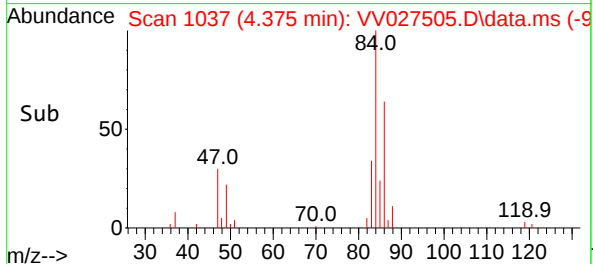
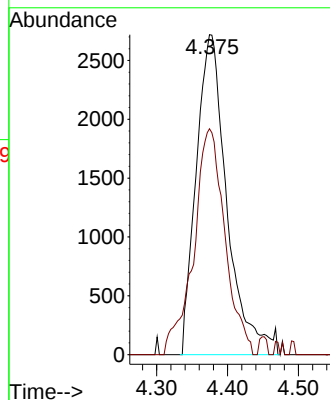
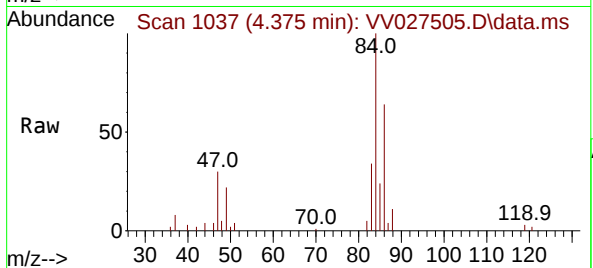
F5E88

Tgt Ion: 83 Resp: 8191

Ion Ratio Lower Upper

83 100

85 70.6 43.3 80.5



#38

Bromodichloromethane

Concen: 0.275 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.006 min

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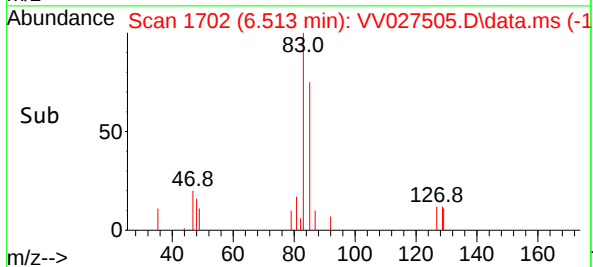
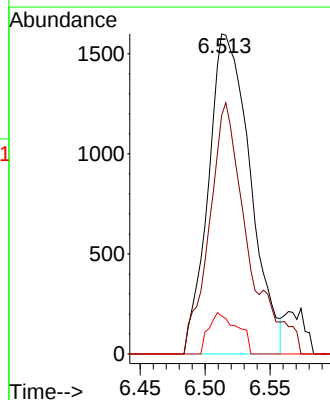
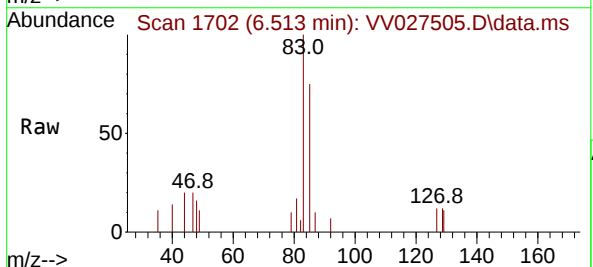
Tgt Ion: 83 Resp: 3583

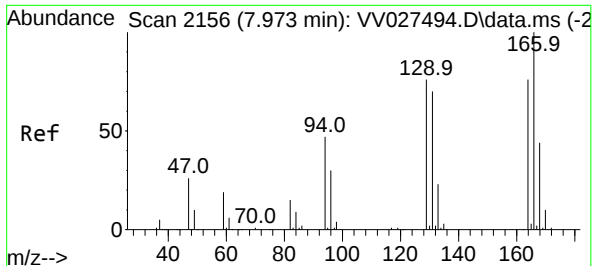
Ion Ratio Lower Upper

83 100

85 74.5 45.3 84.1

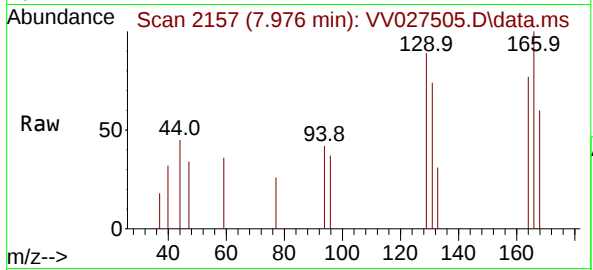
127 11.9 7.2 10.8#





#47
 Tetrachloroethene
 Concen: 0.089 ug/L
 RT: 7.976 min Scan# 21
 Delta R.T. 0.003 min
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Tgt Ion:164 Resp: 704

Ion	Ratio	Lower	Upper
164	100		
129	114.9	71.1	132.1
131	96.5	64.5	119.9
166	129.8	89.4	166.0

