

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102022\
 Data File : VV028641.D
 Acq On : 20 Oct 2022 17:45
 Operator : SY/MD
 Sample : N5216-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA57

Quant Time: Oct 21 01:12:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 21 00:53:32 2022
 Response via : Initial Calibration

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

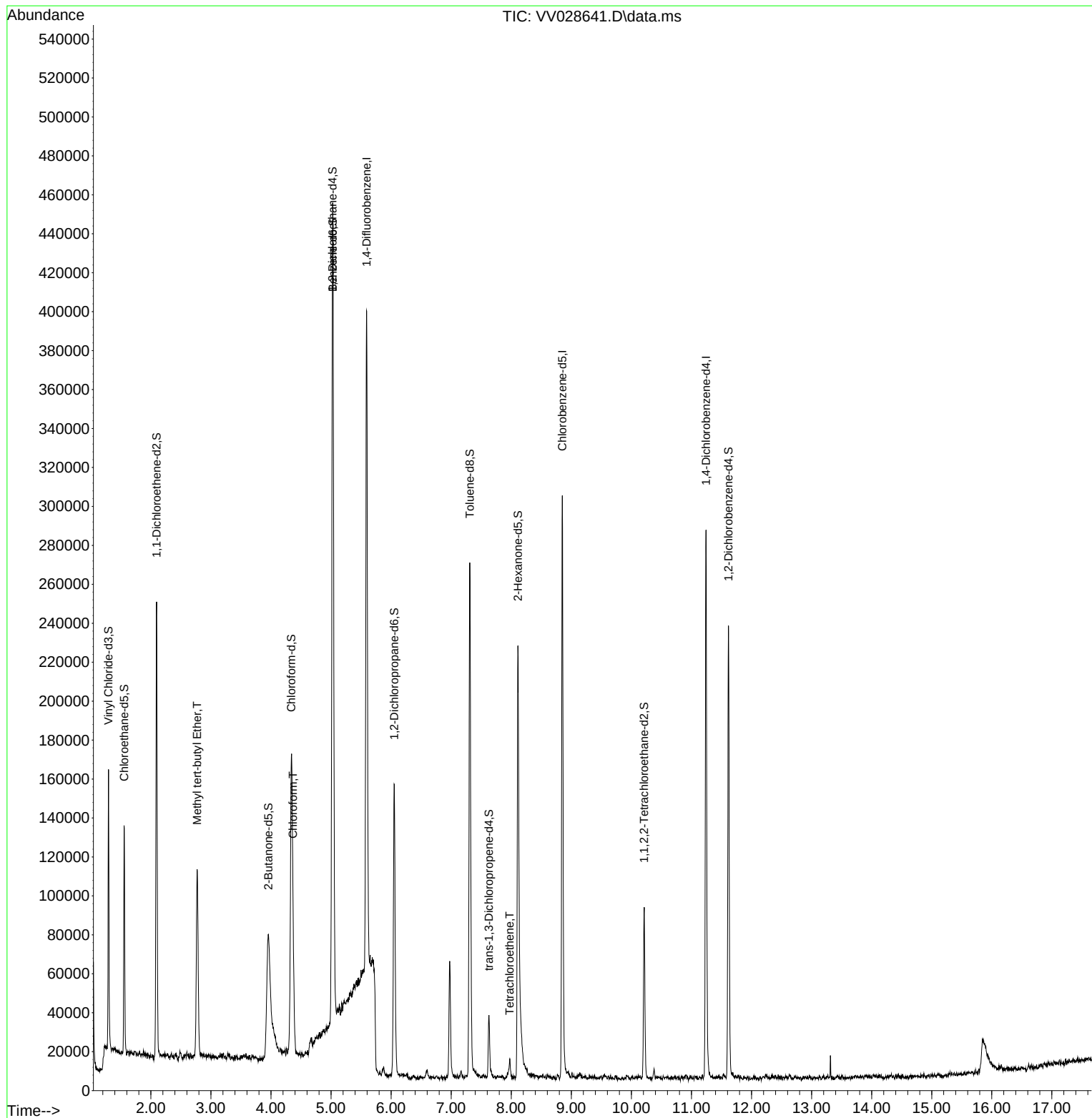
Internal Standards						
1) 1,4-Difluorobenzene	5.593	114	250668	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	147591	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	66062	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	93472	3.766	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.555	69	73497	3.768	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.095	63	126959	2.944	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.800%#
20) 2-Butanone-d5	3.957	46	197666	42.318	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.640%
24) Chloroform-d	4.339	84	138942	3.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.400%
26) 1,2-Dichloroethane-d4	5.024	65	88661	4.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.031	84	312491	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.053	67	71369	3.544	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.800%
41) Toluene-d8	7.310	98	176244	3.795	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
43) trans-1,3-Dichloroprop...	7.628	79	16833	3.444	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.800%
46) 2-Hexanone-d5	8.111	63	83730	41.254	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.500%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	41400	4.353	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.000%
66) 1,2-Dichlorobenzene-d4	11.615	152	53616	4.515	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	2.770	73	93789	2.120	ug/L	98
25) Chloroform	4.365	83	45254	1.159	ug/L	99
47) Tetrachloroethene	7.973	164	1850	0.214	ug/L	96

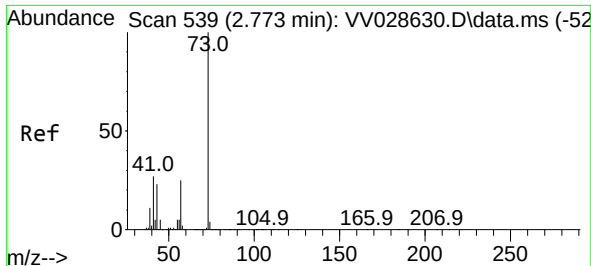
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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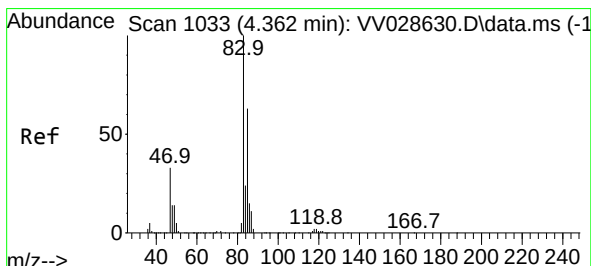
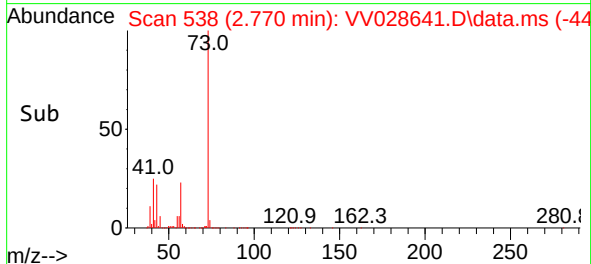
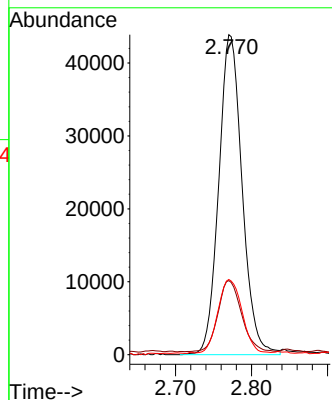
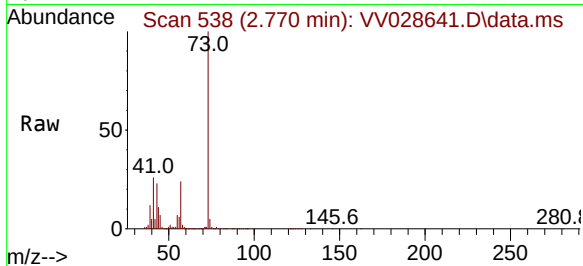




#17
Methyl tert-butyl Ether
Concen: 2.120 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV028641.D
Acq: 20 Oct 2022 17:45

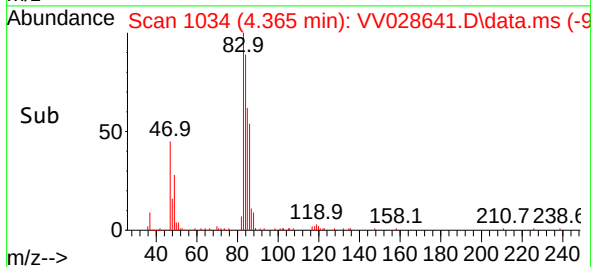
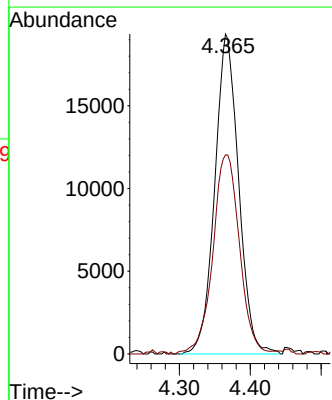
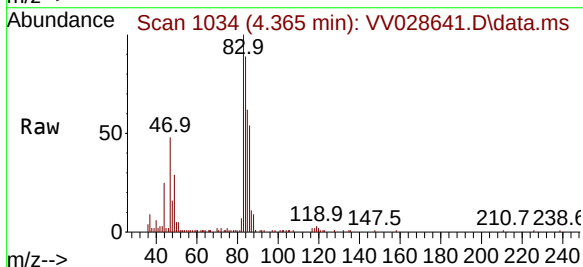
Instrument :
MSVOA_V
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BHA57

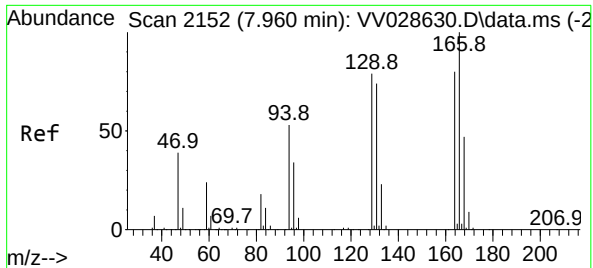
Tgt Ion: 73 Resp: 93789
Ion Ratio Lower Upper
73 100
43 22.4 18.0 27.0
57 23.5 20.0 30.0



#25
Chloroform
Concen: 1.159 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VV028641.D
Acq: 20 Oct 2022 17:45

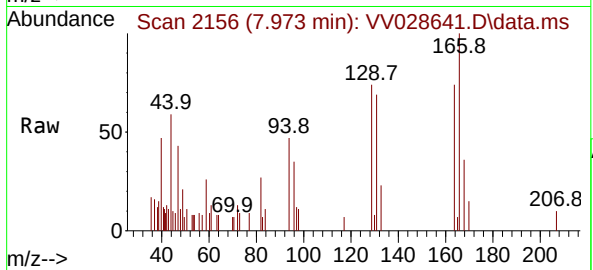
Tgt Ion: 83 Resp: 45254
Ion Ratio Lower Upper
83 100
85 62.2 44.1 81.9





#47
 Tetrachloroethene
 Concen: 0.214 ug/L
 RT: 7.973 min Scan# 2156
 Delta R.T. 0.013 min
 Lab File: VV028641.D
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Tgt Ion:	164	Resp:	1850
Ion	Ratio	Lower	Upper
164	100		
129	99.8	69.2	128.6
131	92.6	64.2	119.2
166	134.6	87.3	162.1

