

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071422\
 Data File : VW026771.D
 Acq On : 14 Jul 2022 12:28
 Operator : SY/MD
 Sample : N3658-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP5

Quant Time: Jul 15 06:41:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 15 06:40:32 2022
 Response via : Initial Calibration

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

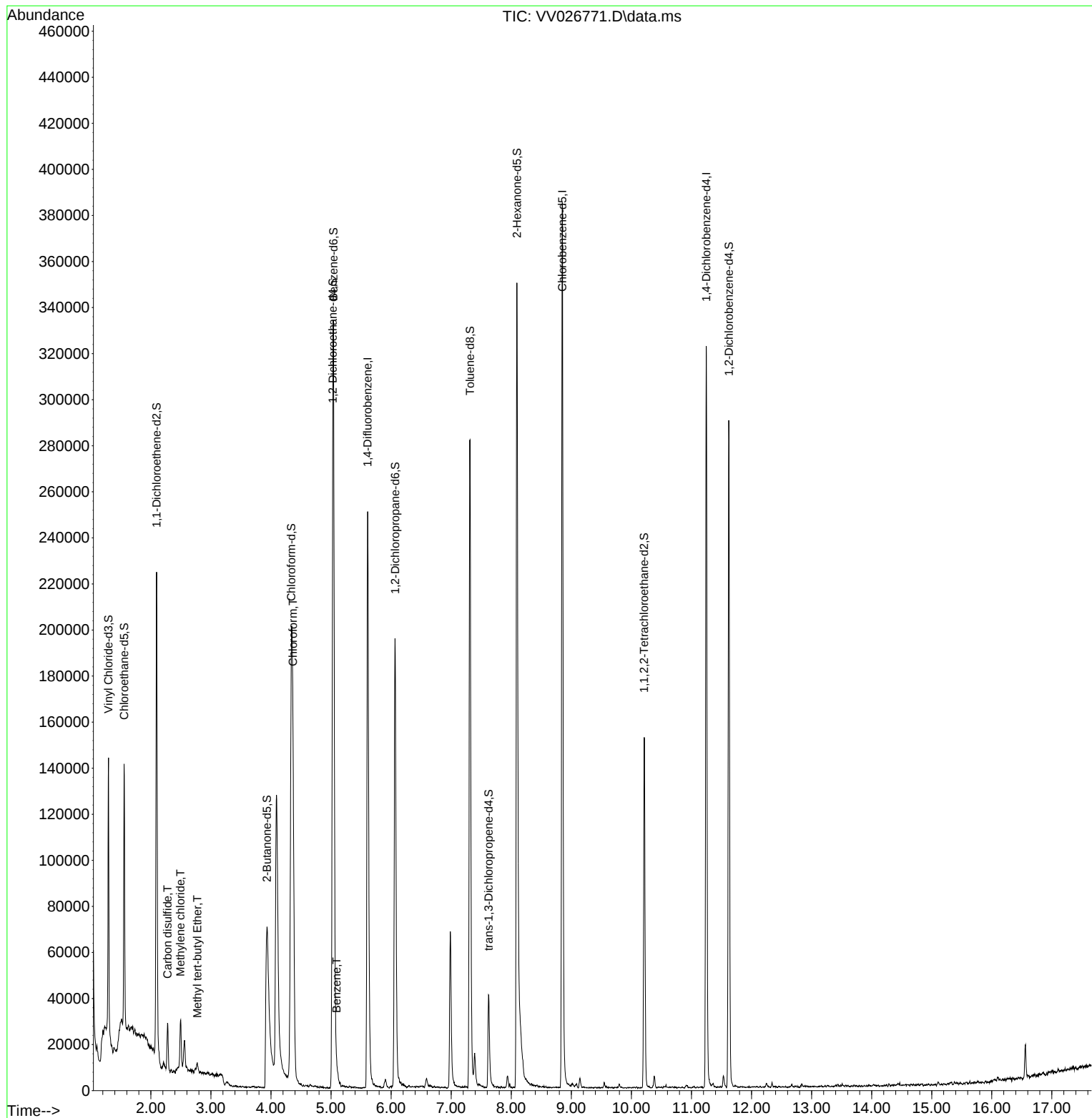
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	214412	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	216588	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	84007	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	72411	3.702	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.555	69	72101	4.266	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.095	63	108324	2.885	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.600%#
20) 2-Butanone-d5	3.934	46	160590	52.603	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.200%
24) Chloroform-d	4.339	84	170675	4.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.027	65	76366	5.111	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.040	84	282552	4.293	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.066	67	97353	4.934	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.313	98	198477	3.397	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.000%#
43) trans-1,3-Dichloroprop...	7.625	79	25594	3.964	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.095	63	131307	46.976	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.960%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	74360	4.837	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	73369	5.013	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
14) Carbon disulfide	2.278	76	23499	0.424	ug/L	98
16) Methylene chloride	2.494	84	8256	0.369	ug/L	96
17) Methyl tert-butyl Ether	2.773	73	2937	0.091	ug/L #	84
25) Chloroform	4.365	83	122444	3.705	ug/L	99
33) Benzene	5.092	78	5949	0.082	ug/L	100

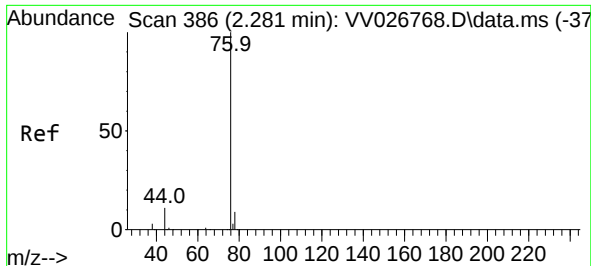
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

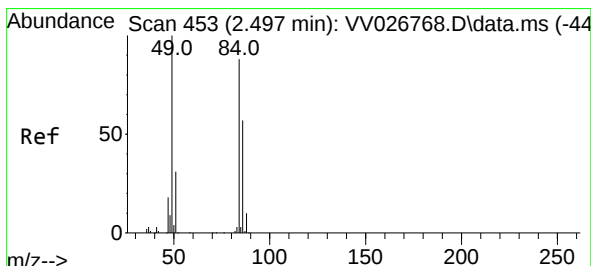
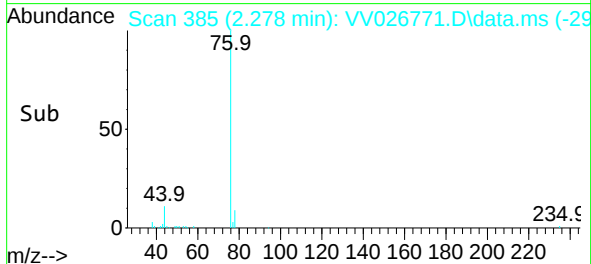
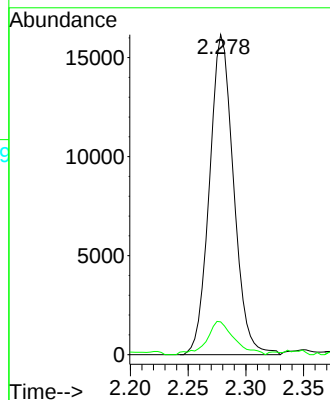
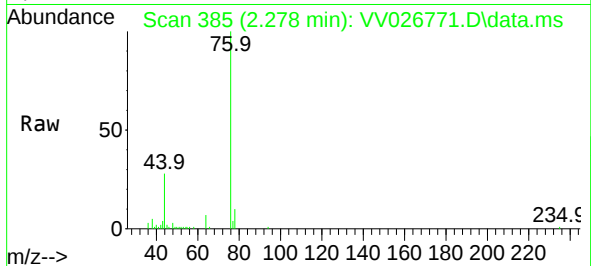




#14
Carbon disulfide
Concen: 0.424 ug/L
RT: 2.278 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV026771.D
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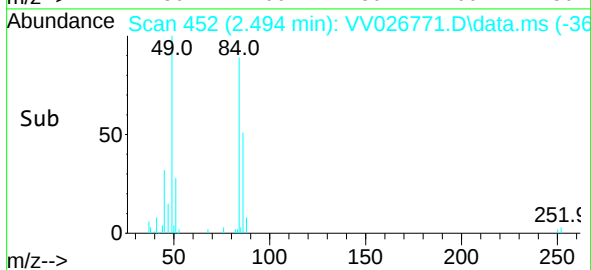
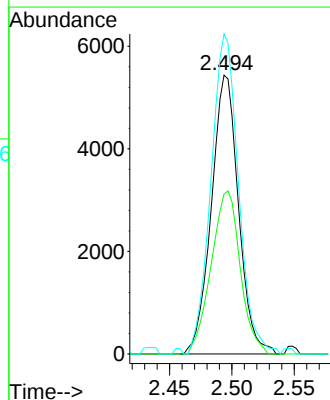
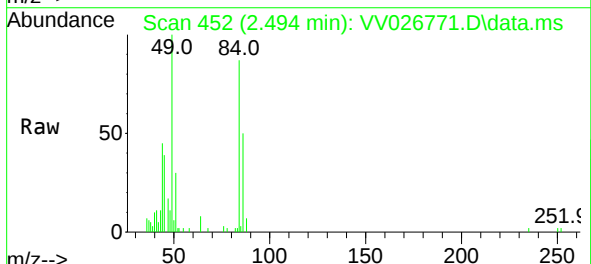
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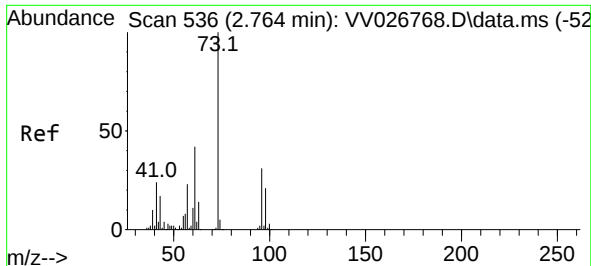
Tgt Ion: 76 Resp: 23499
Ion Ratio Lower Upper
76 100
78 10.2 7.7 11.5



#16
Methylene chloride
Concen: 0.369 ug/L
RT: 2.494 min Scan# 452
Delta R.T. -0.003 min
Lab File: VV026771.D
Acq: 14 Jul 2022 12:28

Tgt Ion: 84 Resp: 8256
Ion Ratio Lower Upper
84 100
86 57.4 44.8 83.2
49 114.7 78.7 146.1

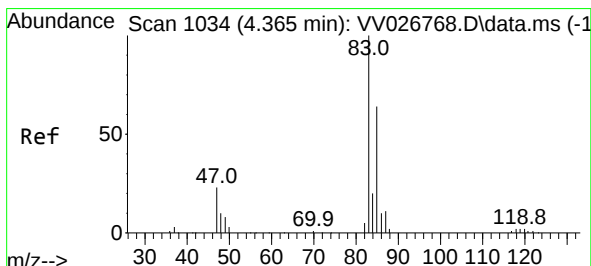
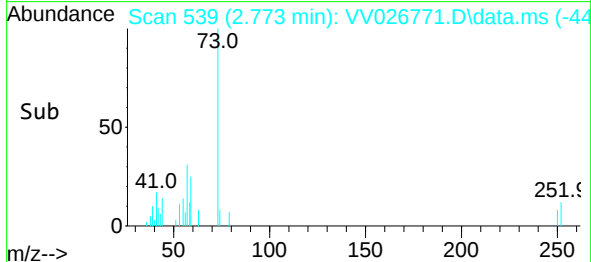
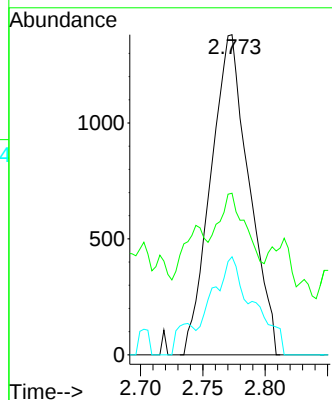
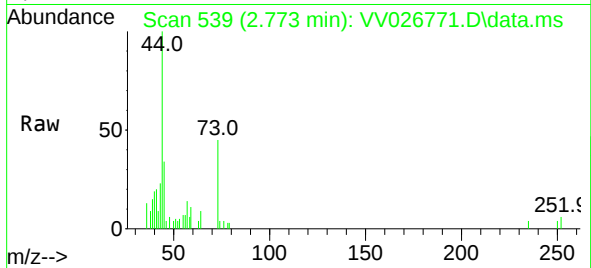




#17
Methyl tert-butyl Ether
Concen: 0.091 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV026771.D
Acq: 14 Jul 2022 12:28

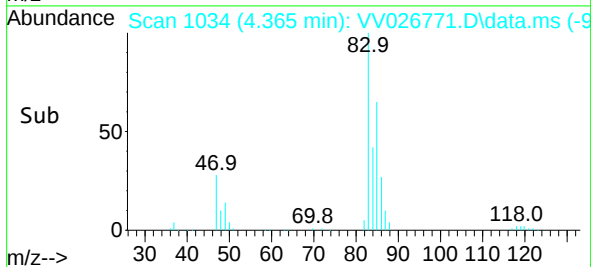
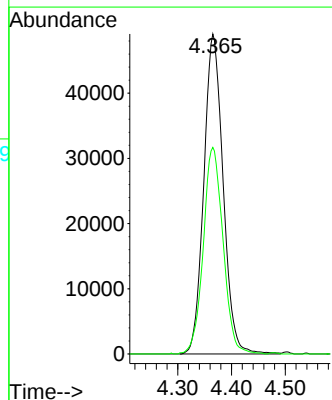
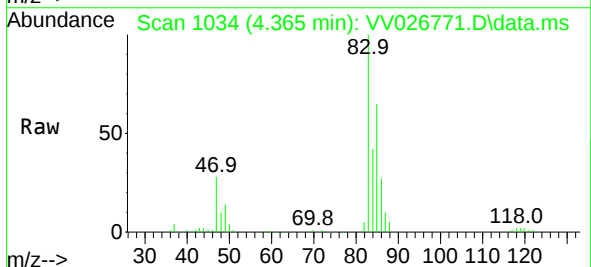
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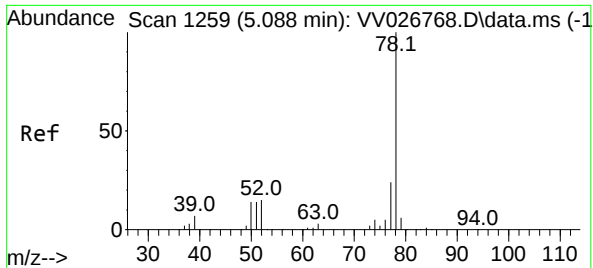
Tgt Ion: 73 Resp: 2937
Ion Ratio Lower Upper
73 100
43 21.1 14.0 21.0#
57 32.8 17.6 26.4#



#25
Chloroform
Concen: 3.705 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VV026771.D
Acq: 14 Jul 2022 12:28

Tgt Ion: 83 Resp: 122444
Ion Ratio Lower Upper
83 100
85 64.5 45.7 84.9





#33
Benzene
Concen: 0.082 ug/L
RT: 5.092 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026771.D
Acq: 14 Jul 2022 12:28

Tgt Ion: 78 Resp: 5949

Instrument :
MSVOA_V
ClientSampleId :
C0AP5

