

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022024\
 Data File : VV034298.D
 Acq On : 21 Feb 2024 03:06
 Operator : SY/MD
 Sample : P1511-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCND5

Quant Time: Feb 21 04:51:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 21 04:37:10 2024
 Response via : Initial Calibration

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

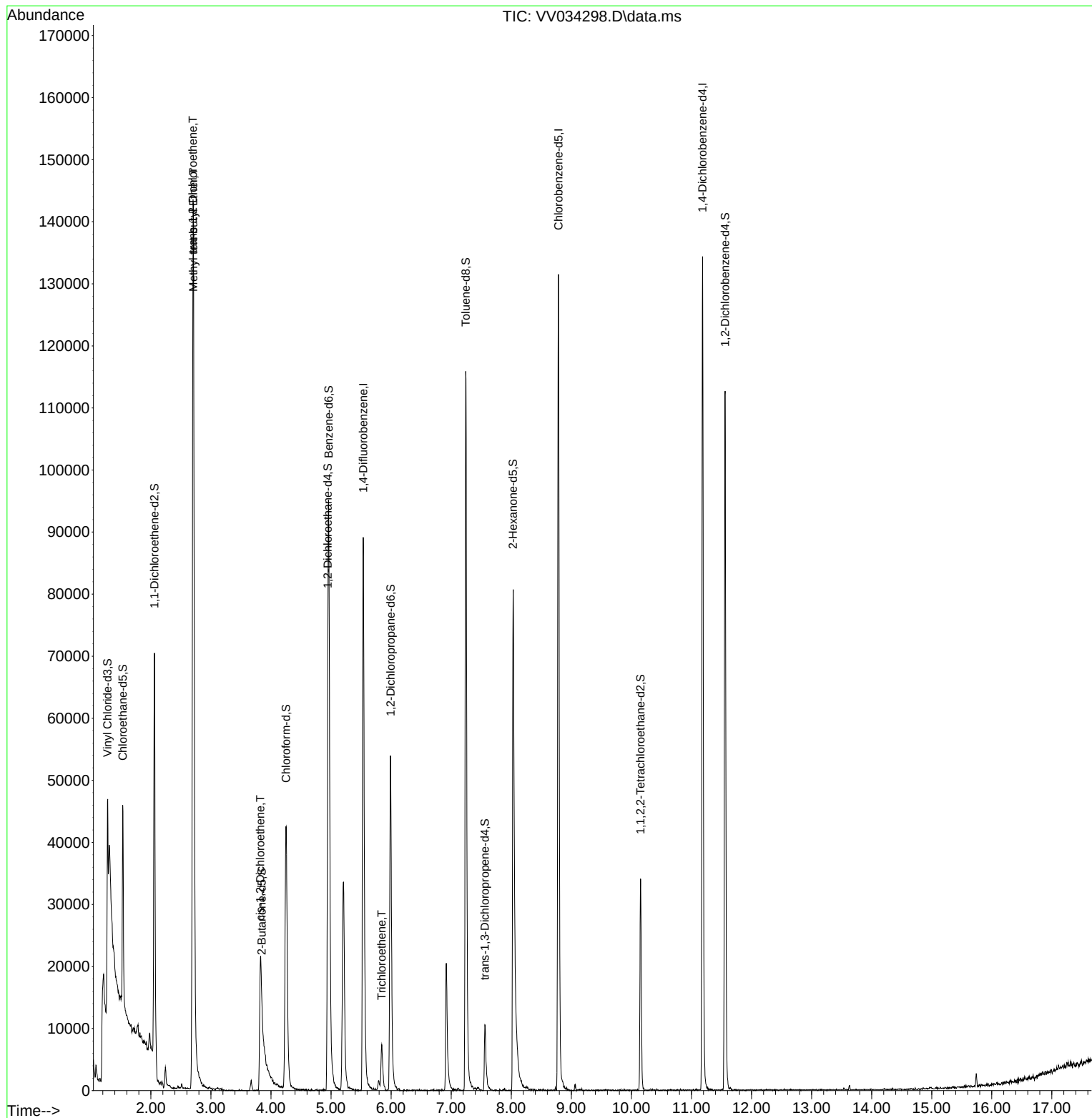
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	78285	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	70757	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	34718	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	21552	3.555	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.000%
7) Chloroethane-d5	1.532	69	20022	3.770	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.060	65	10617	3.631	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	3.847	46	31581	31.015	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	62.020%
24) Chloroform-d	4.249	84	46997	4.266	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	4.947	65	22923	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	4.960	84	86725	4.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	5.992	67	24466	4.123	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.400%
41) Toluene-d8	7.243	98	79971	4.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.561	79	7155	3.193	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.800%
46) 2-Hexanone-d5	8.030	63	33006	41.263	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.520%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	15497	4.308	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	28638	4.536	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
17) Methyl tert-butyl Ether	2.706	73	151710	13.501	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	1790	0.321	ug/L	94
22) cis-1,2-Dichloroethene	3.822	96	8248	1.305	ug/L	99
34) Trichloroethene	5.844	95	3044	0.496	ug/L	95

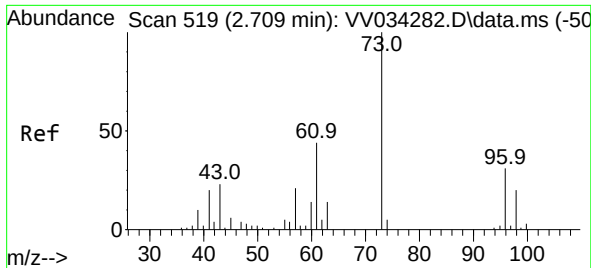
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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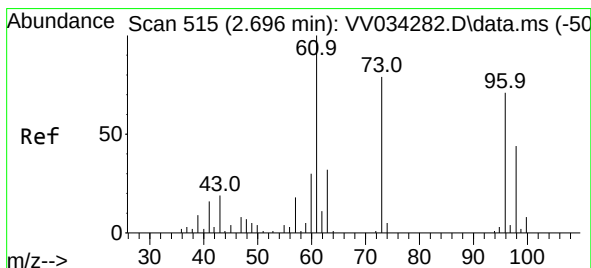
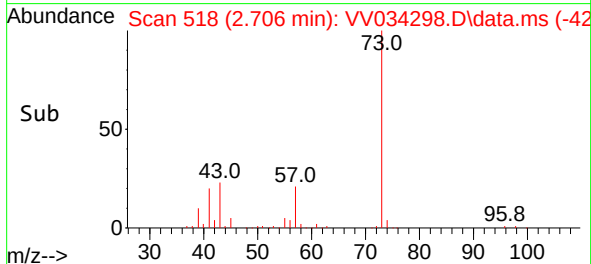
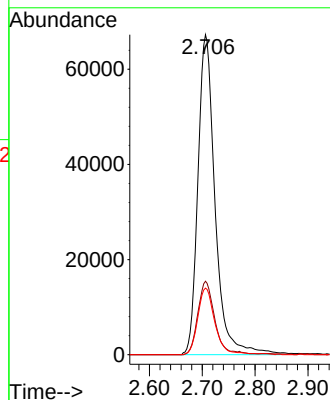
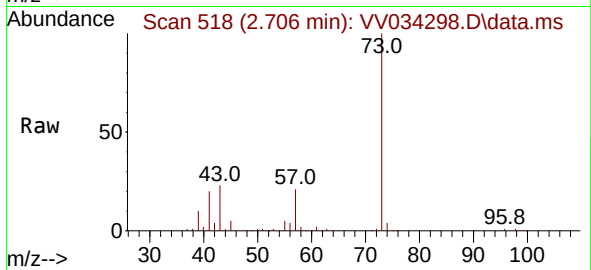




#17
Methyl tert-butyl Ether
Concen: 13.501 ug/L
RT: 2.706 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV034298.D
Acq: 21 Feb 2024 03:06

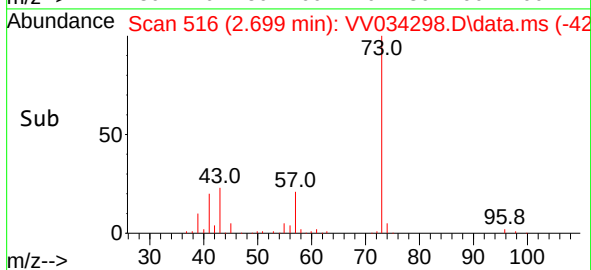
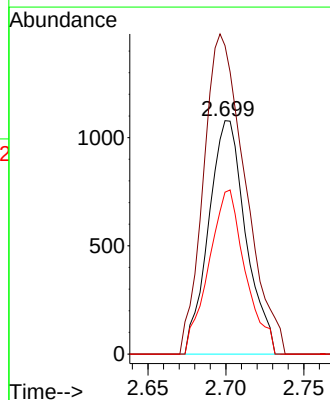
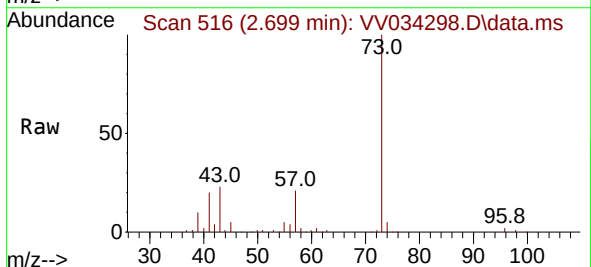
Instrument :
MSVOA_V
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DCND5

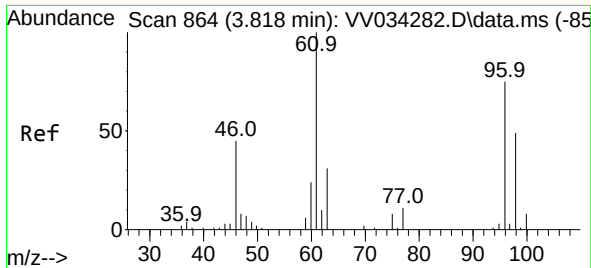
Tgt Ion: 73 Resp: 151710
Ion Ratio Lower Upper
73 100
43 22.6 17.7 26.5
57 20.7 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 0.321 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV034298.D
Acq: 21 Feb 2024 03:06

Tgt Ion: 96 Resp: 1790
Ion Ratio Lower Upper
96 100
61 132.2 97.6 181.4
98 69.4 44.4 82.5

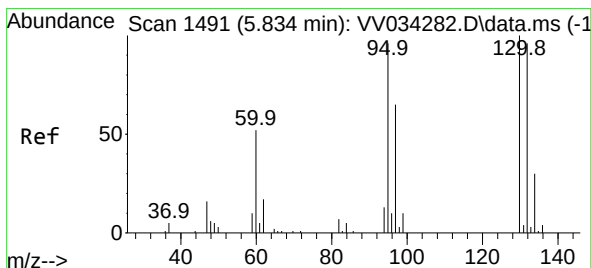
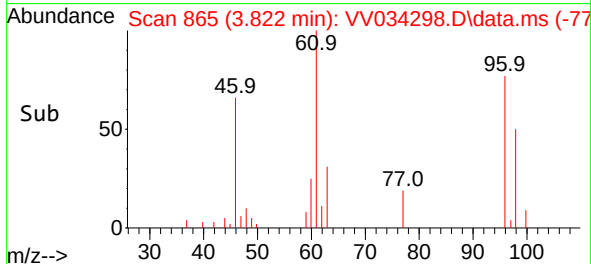
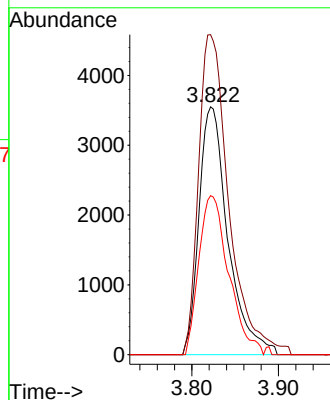
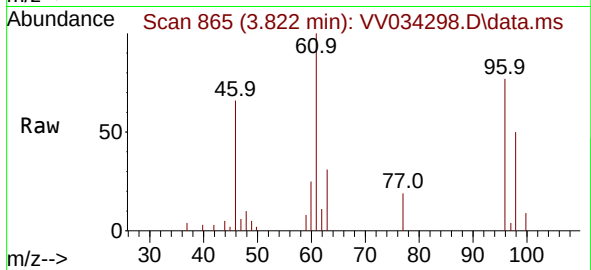




#22
cis-1,2-Dichloroethene
Concen: 1.305 ug/L
RT: 3.822 min Scan# 864
Delta R.T. 0.003 min
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Instrument :
MSVOA_V
ClientSampleId :
DCND5

Tgt Ion: 96 Resp: 8248
Ion Ratio Lower Upper
96 100
61 129.1 90.3 167.7
98 64.2 43.2 80.2



#34
Trichloroethene
Concen: 0.496 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.010 min
Lab File: VV034298.D
Acq: 21 Feb 2024 03:06

Tgt Ion: 95 Resp: 3044
Ion Ratio Lower Upper
95 100
97 63.6 45.1 83.7
132 84.4 66.0 122.6
130 99.3 72.2 134.0

