

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033023\
 Data File : VV030351.D
 Acq On : 30 Mar 2023 11:58
 Operator : SY/MD
 Sample : 02099-04DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AA9DL

Quant Time: Mar 31 05:39:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

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

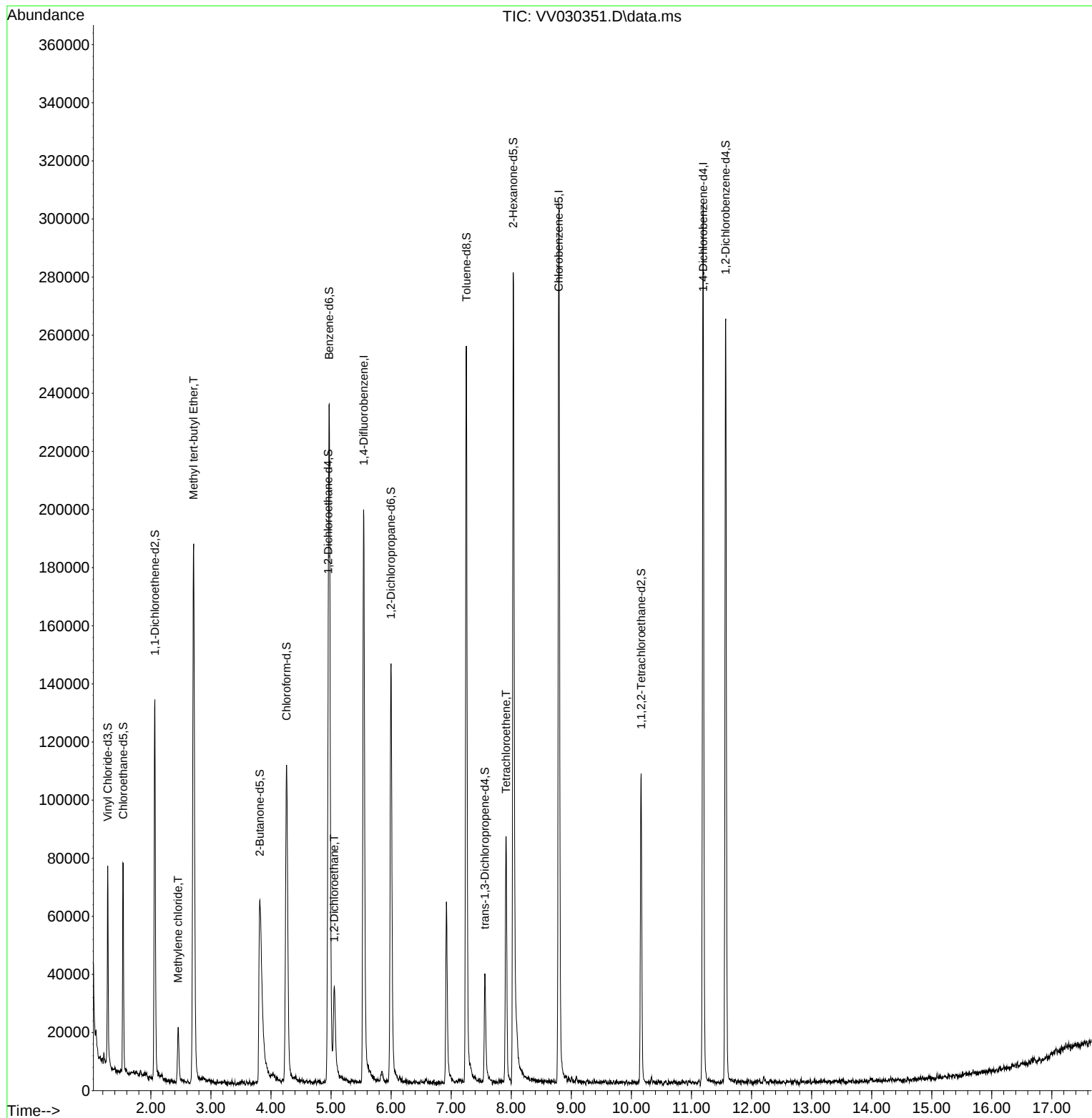
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	167829	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	165770	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	79045	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	40789	3.670	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.400%
7) Chloroethane-d5	1.539	69	44282	4.105	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.066	63	71233	2.701	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.000%#
20) 2-Butanone-d5	3.812	46	137480	47.852	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.700%
24) Chloroform-d	4.259	84	118569	4.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	4.953	65	59959	4.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	4.969	84	204487	4.378	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	5.998	67	66613	4.555	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.252	98	173078	4.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	7.561	79	22167	4.026	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.034	63	100113	45.247	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.500%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	50158	4.352	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	68748	4.866	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
16) Methylene chloride	2.455	84	7617	0.459	ug/L	95
17) Methyl tert-butyl Ether	2.712	73	175336	5.904	ug/L	98
27) 1,2-Dichloroethane	5.053	62	28426	1.624	ug/L #	94
47) Tetrachloroethene	7.911	164	19821	1.414	ug/L	98

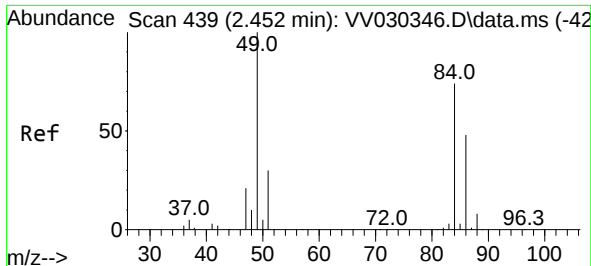
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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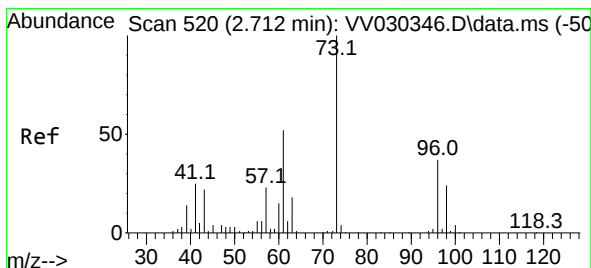
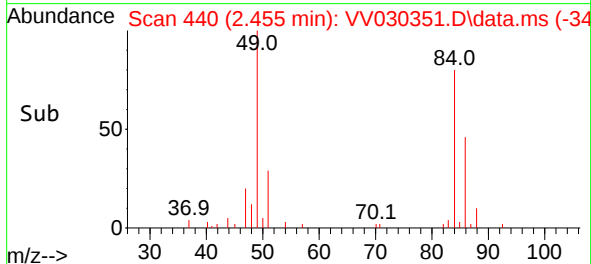
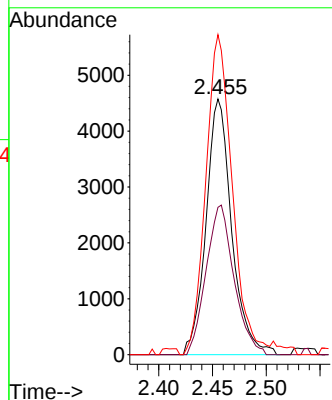
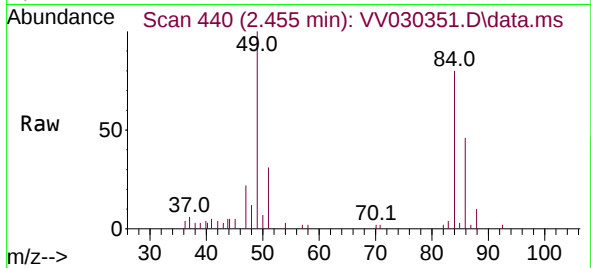




#16
Methylene chloride
Concen: 0.459 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV030351.D
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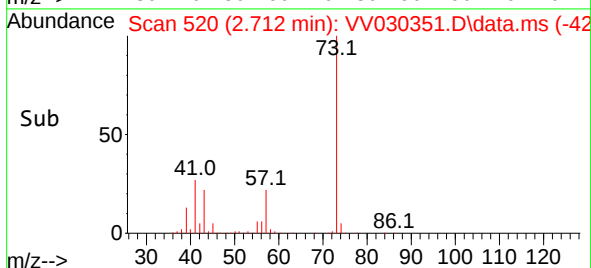
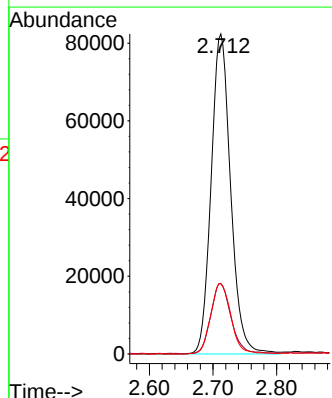
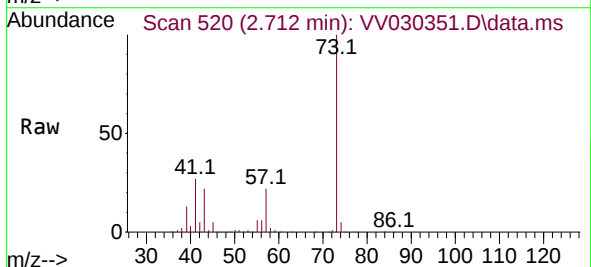
Instrument :
MSVOA_V
ClientSampleId :
H0AA9DL

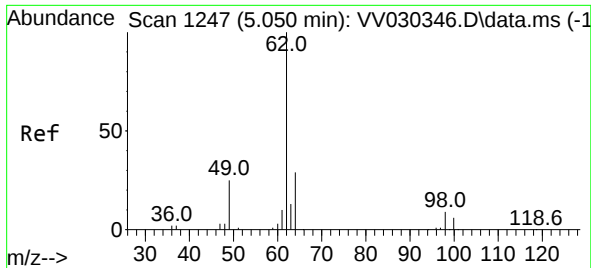
Tgt Ion: 84 Resp: 7617
Ion Ratio Lower Upper
84 100
86 57.7 44.0 81.6
49 125.2 90.6 168.3



#17
Methyl tert-butyl Ether
Concen: 5.904 ug/L
RT: 2.712 min Scan# 520
Delta R.T. -0.000 min
Lab File: VV030351.D
Acq: 30 Mar 2023 11:58

Tgt Ion: 73 Resp: 175336
Ion Ratio Lower Upper
73 100
43 23.3 17.4 26.2
57 22.7 18.3 27.5





#27

1,2-Dichloroethane

Concen: 1.624 ug/L

RT: 5.053 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV030351.D

Acq: 30 Mar 2023 11:58

Instrument :

MSVOA_V

ClientSampleId :

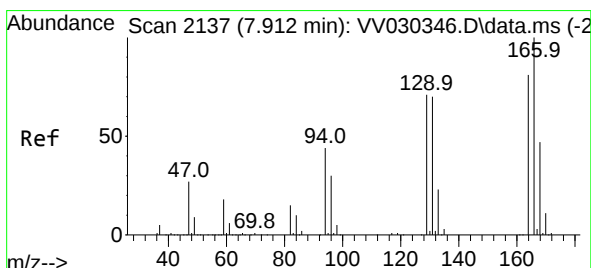
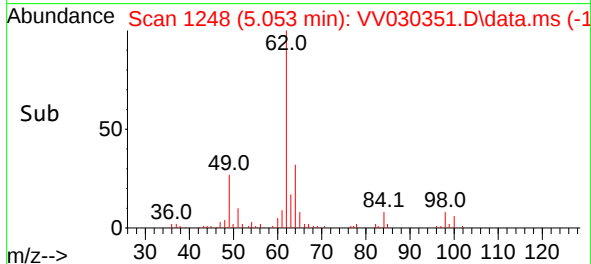
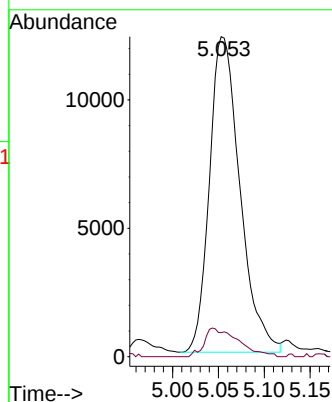
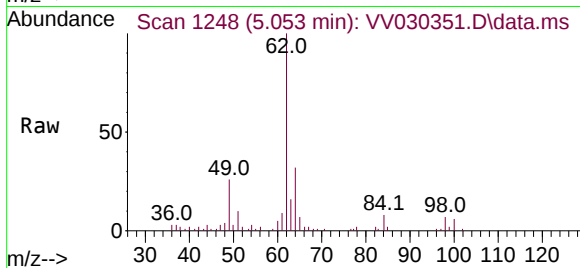
H0AA9DL

Tgt Ion: 62 Resp: 28426

Ion Ratio Lower Upper

62 100

98 7.5 7.8 11.8#



#47

Tetrachloroethene

Concen: 1.414 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VV030351.D

Acq: 30 Mar 2023 11:58

Tgt Ion: 164 Resp: 19821

Ion Ratio Lower Upper

164 100

129 86.0 60.8 112.8

131 85.4 61.7 114.7

166 123.3 85.6 159.0

