

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032123\
 Data File : VV030276.D
 Acq On : 21 Mar 2023 14:35
 Operator : SY/MD
 Sample : 01996-07DL 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0A28DL

Quant Time: Mar 22 06:06:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 22 06:04:48 2023
 Response via : Initial Calibration

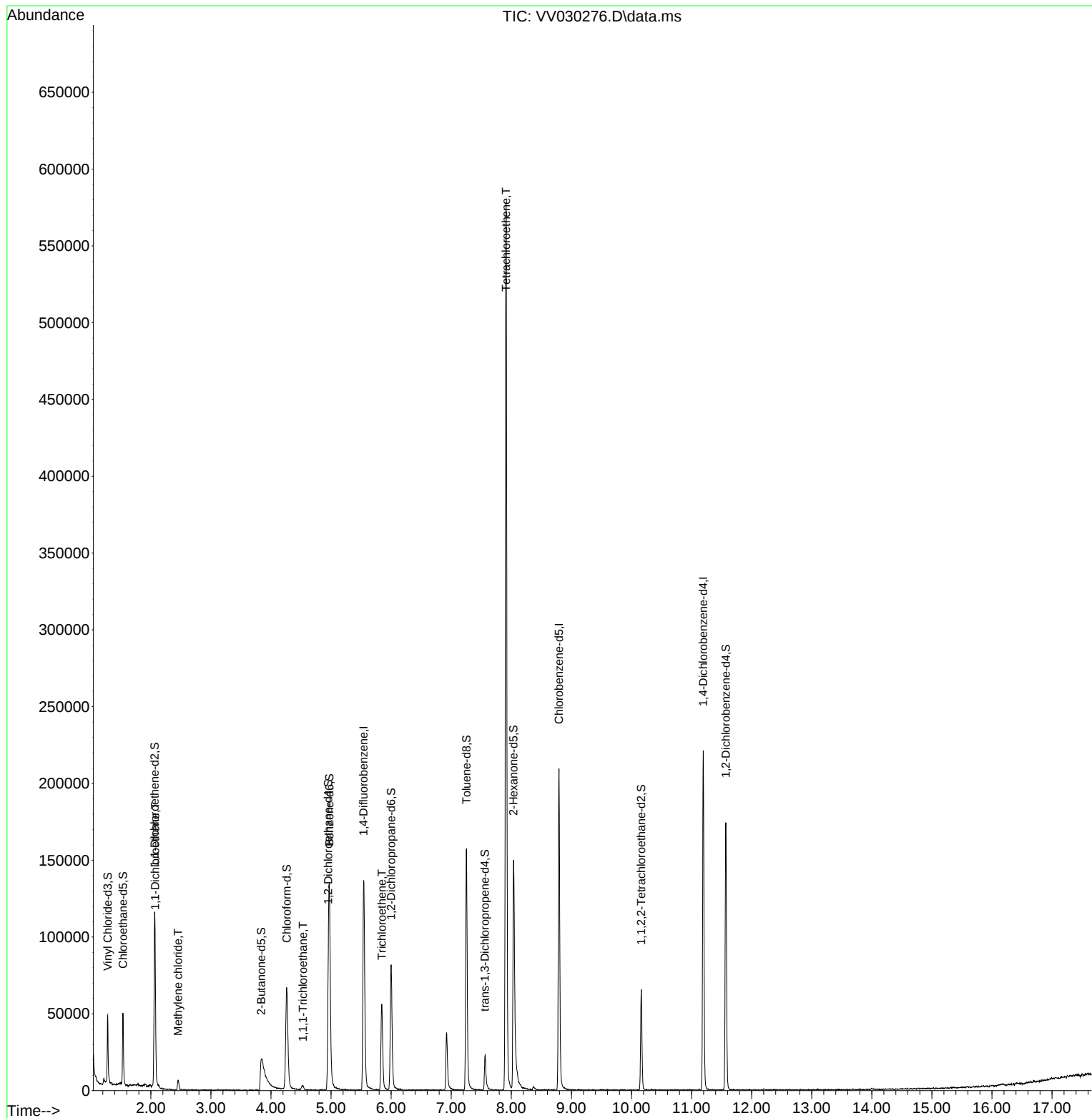
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	121064	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	117364	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	59017	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	27914	3.563	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.200%
7) Chloroethane-d5	1.536	69	28245	3.841	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.800%
11) 1,1-Dichloroethene-d2	2.063	63	54834	3.405	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	3.838	46	68796	47.634	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.260%
24) Chloroform-d	4.262	84	68320	4.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	4.953	65	36185	5.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.800%
32) Benzene-d6	4.973	84	119127	3.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.400%
36) 1,2-Dichloropropane-d6	5.998	67	36070	3.797	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.000%
41) Toluene-d8	7.252	98	105572	3.527	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	7.561	79	13714	4.219	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.037	63	59636	44.347	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.700%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	29307	4.336	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	11.571	152	44706	4.477	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
12) 1,1-Dichloroethene	2.073	96	8965	1.103	ug/L #	1
16) Methylene chloride	2.452	84	2382	0.240	ug/L	98
29) 1,1,1-Trichloroethane	4.529	97	2386	0.173	ug/L #	84
34) Trichloroethene	5.844	95	19654	2.188	ug/L	96
47) Tetrachloroethene	7.912	164	129557	16.805	ug/L	99

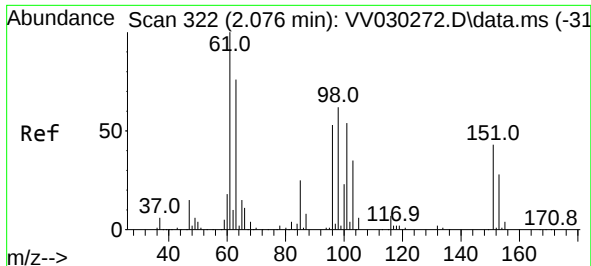
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.103 ug/L

RT: 2.073 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV030276.D

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Instrument :

MSVOA_V

ClientSampleId :

H0A28DL

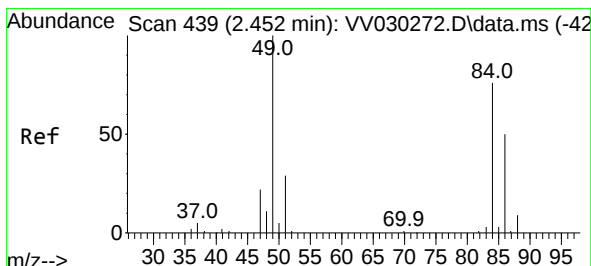
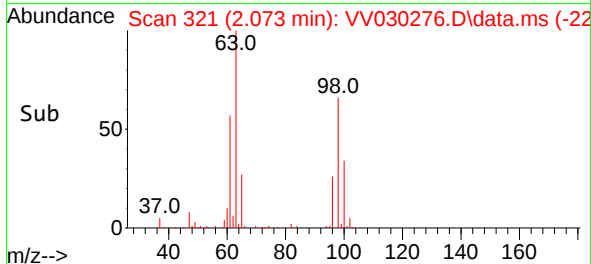
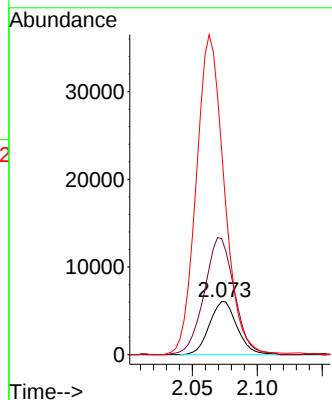
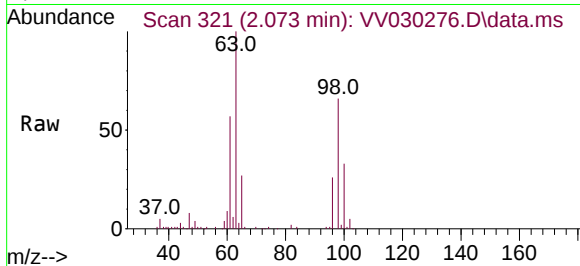
Tgt Ion: 96 Resp: 8965

Ion Ratio Lower Upper

96 100

61 218.8 115.6 214.6#

63 385.7 85.6 159.0#



#16

Methylene chloride

Concen: 0.240 ug/L

RT: 2.452 min Scan# 439

Delta R.T. 0.000 min

Lab File: VV030276.D

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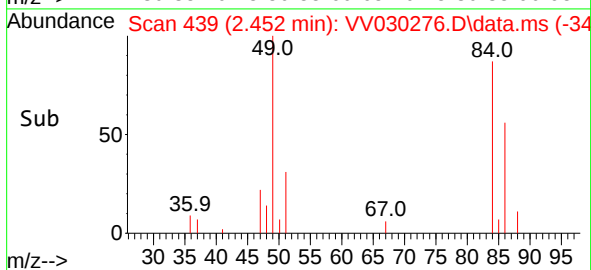
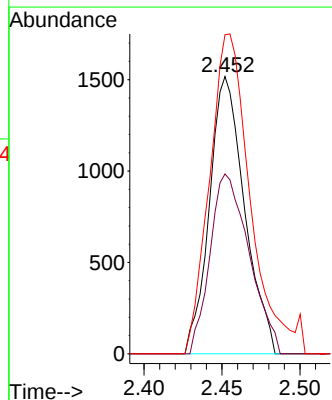
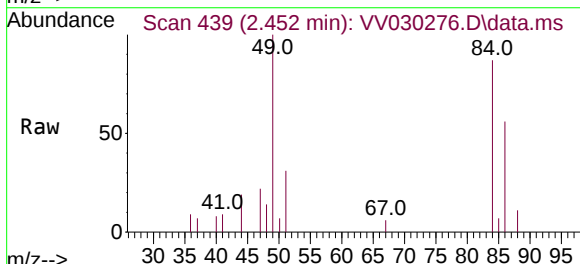
Tgt Ion: 84 Resp: 2382

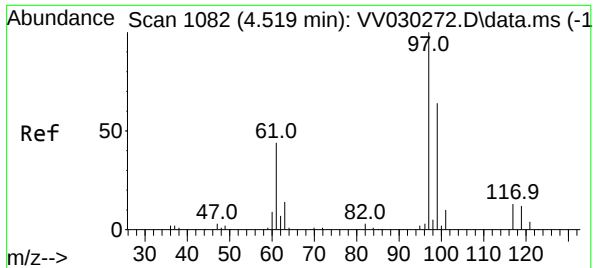
Ion Ratio Lower Upper

84 100

86 64.9 44.7 83.1

49 115.1 78.8 146.3





#29

1,1,1-Trichloroethane

Concen: 0.173 ug/L

RT: 4.529 min Scan# 1085

Delta R.T. 0.010 min

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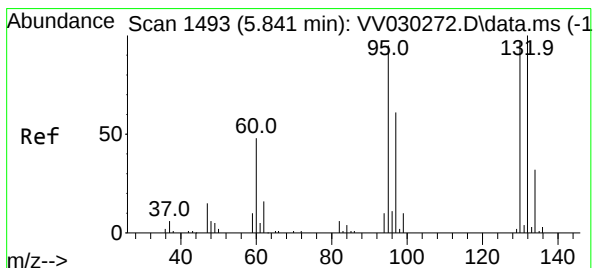
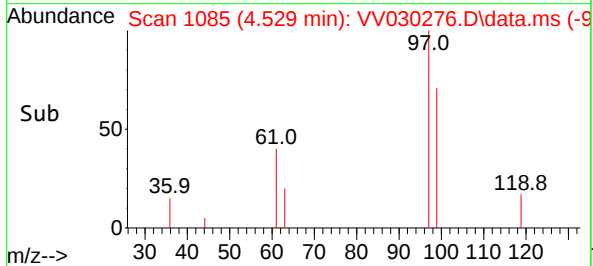
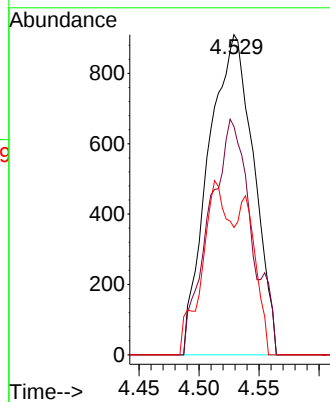
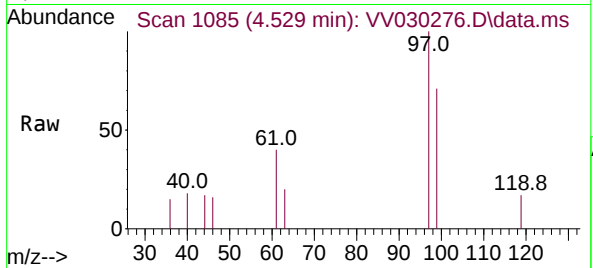
Tgt Ion: 97 Resp: 2386

Ion Ratio Lower Upper

97 100

99 69.2 51.3 76.9

61 20.2 31.5 47.3#



#34

Trichloroethene

Concen: 2.188 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.003 min

Lab File: VV030276.D

Acq: 21 Mar 2023 14:35

Tgt Ion: 95 Resp: 19654

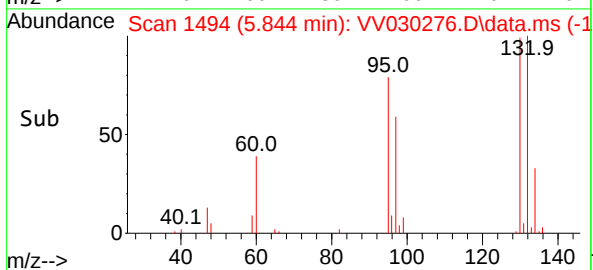
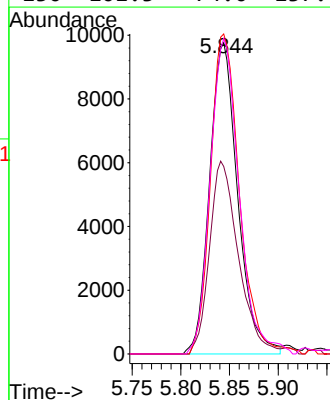
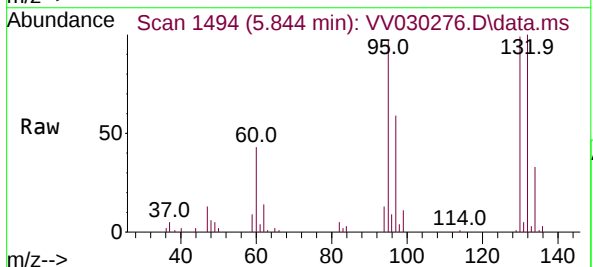
Ion Ratio Lower Upper

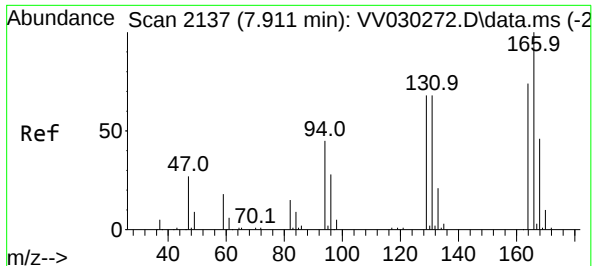
95 100

97 60.3 46.5 86.5

132 102.8 71.7 133.3

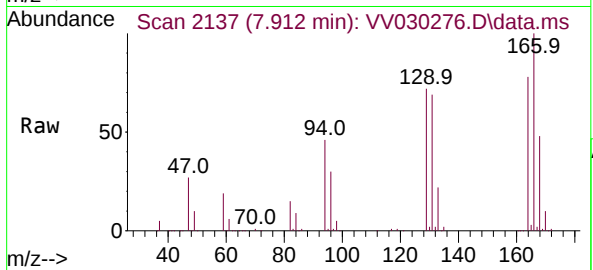
130 101.3 74.0 137.4





#47
Tetrachloroethene
Concen: 16.805 ug/L
RT: 7.912 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV030276.D
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Tgt Ion:164 Resp: 129557

Ion	Ratio	Lower	Upper
164	100		
129	91.7	63.6	118.2
131	88.0	61.7	114.7
166	127.9	90.8	168.6

