

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100221\
 Data File : VV022509.D
 Acq On : 02 Oct 2021 14:32
 Operator : SY/MD
 Sample : M3979-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A43

Quant Time: Oct 04 01:59:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 04 01:01:56 2021
 Response via : Initial Calibration

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

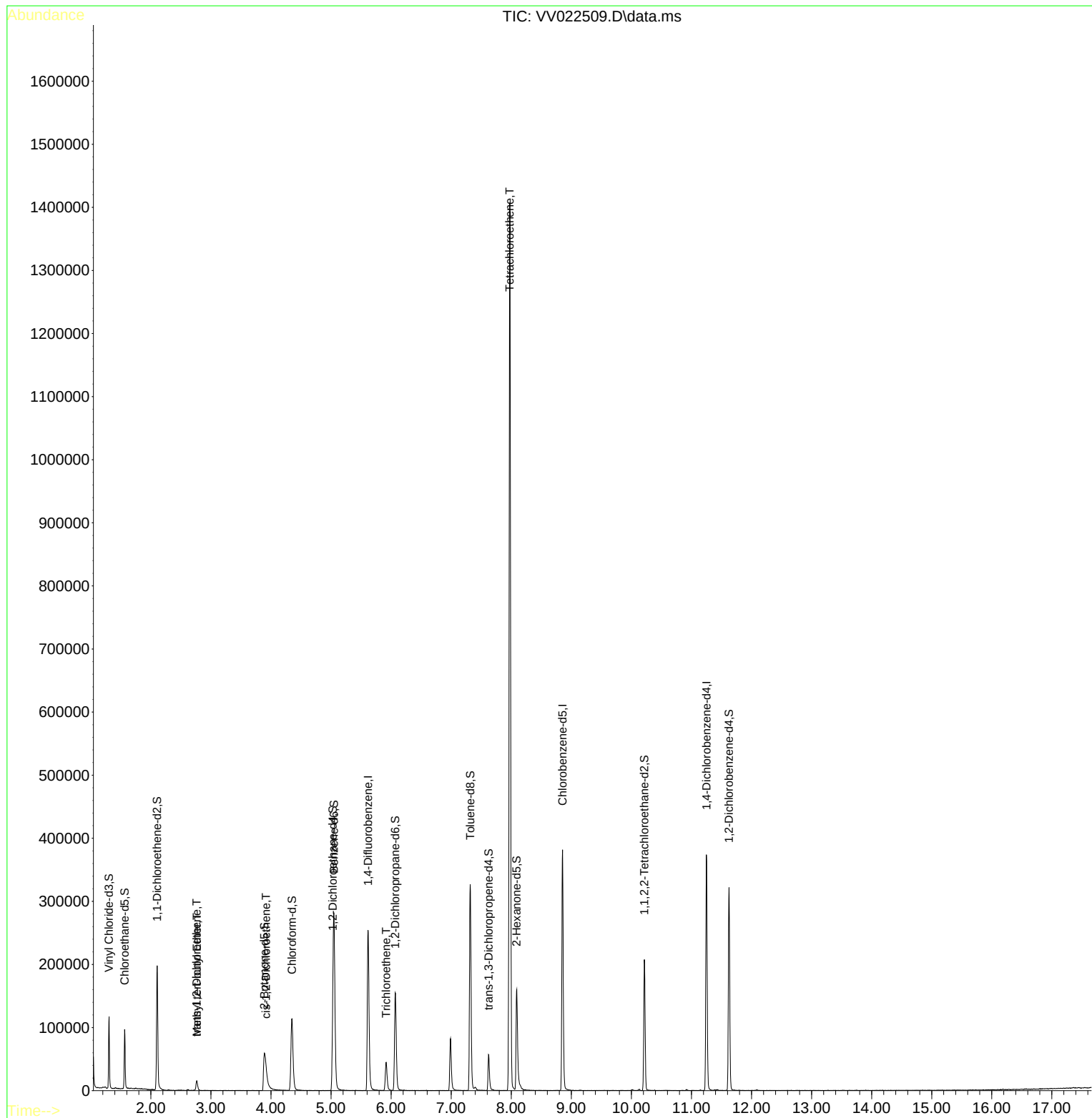
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	228579	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	214102	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	100330	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	67848	47.994	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.980%
7) Chloroethane-d5	1.565	69	53897	48.502	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.105	63	101168	36.294	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.580%
21) 2-Butanone-d5	3.889	46	89431	114.927	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.930%
24) Chloroform-d	4.349	84	118020	45.694	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.380%
26) 1,2-Dichloroethane-d4	5.031	65	74167	49.501	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.000%
32) Benzene-d6	5.050	84	248440	50.088	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.180%
36) 1,2-Dichloropropane-d6	6.069	67	75282	49.303	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.600%
41) Toluene-d8	7.317	98	221783	48.746	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.500%
43) trans-1,3-Dichloroprop...	7.622	79	31189	43.172	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.340%
47) 2-Hexanone-d5	8.088	63	56254	88.933	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.930%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	96509	45.453	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.900%
66) 1,2-Dichlorobenzene-d4	11.625	152	85479	52.245	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.480%
Target Compounds						
					Qvalue	
17) trans-1,2-Dichloroethene	2.764	96	3128	1.785	ug/L	93
18) Methyl tert-butyl Ether	2.767	73	7744	1.431	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	1908	1.022	ug/L #	67
34) Trichloroethene	5.915	95	14191	8.222	ug/L	99
46) Tetrachloroethene	7.976	164	316761	219.213	ug/L	98

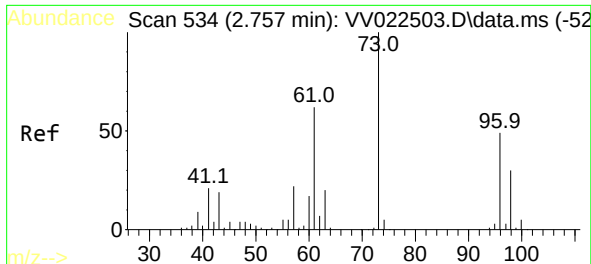
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100221\
Data File : VV022509.D
Acq On : 02 Oct 2021 14:32
Operator : SY/MD
Sample : M3979-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F4A43

Quant Time: Oct 04 01:59:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 04 01:01:56 2021
Response via : Initial Calibration

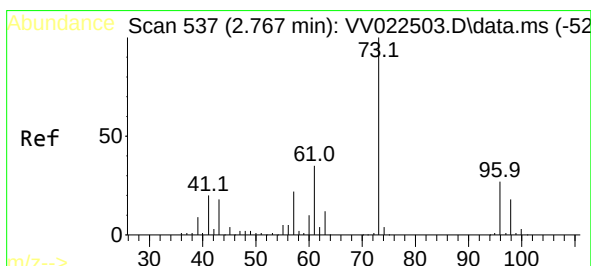
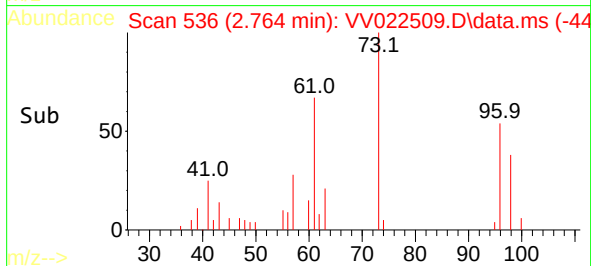
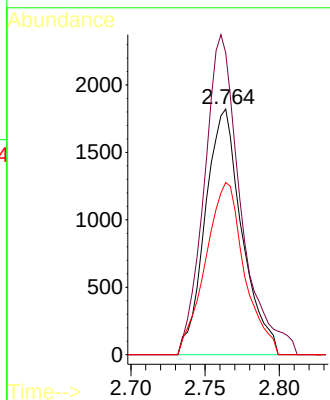
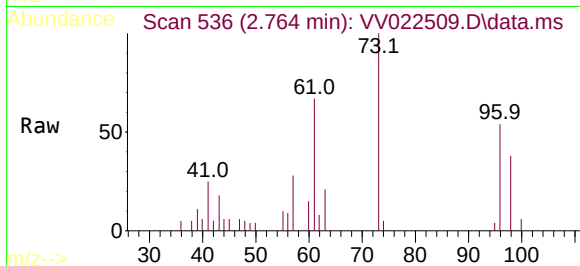




#17
trans-1,2-Dichloroethene
Concen: 1.785 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV022509.D
Acq: 02 Oct 2021 14:32

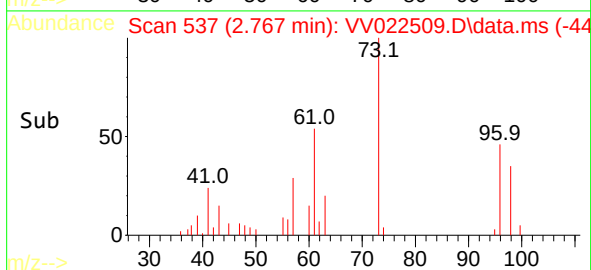
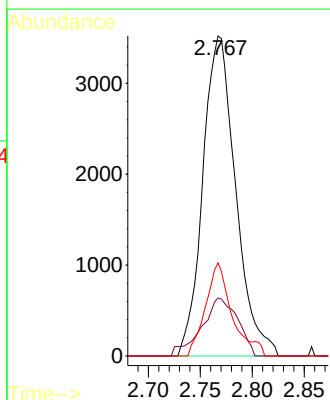
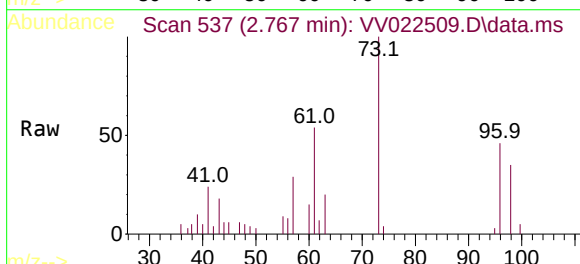
Instrument :
MSVOA_V
ClientSampleId :
F4A43

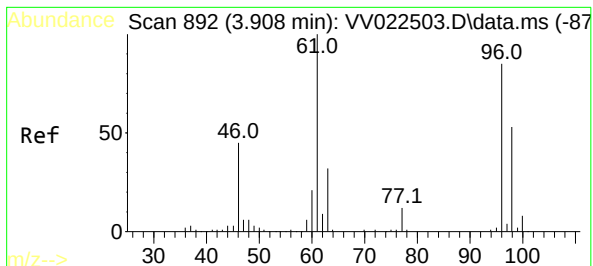
Tgt Ion: 96 Resp: 3128
Ion Ratio Lower Upper
96 100
61 123.0 90.8 168.6
98 70.1 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 1.431 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV022509.D
Acq: 02 Oct 2021 14:32

Tgt Ion: 73 Resp: 7744
Ion Ratio Lower Upper
73 100
43 19.1 15.1 22.7
57 22.4 17.6 26.4





#20

cis-1,2-Dichloroethene

Concen: 1.022 ug/L

RT: 3.915 min Scan# 894

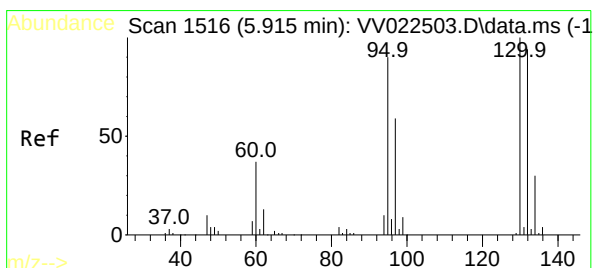
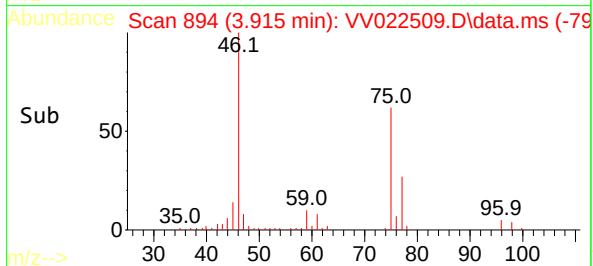
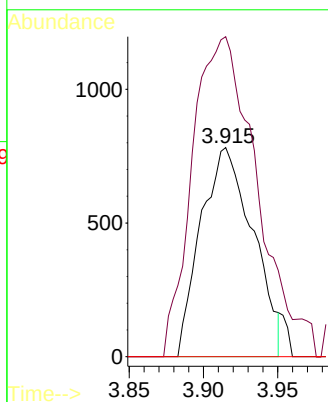
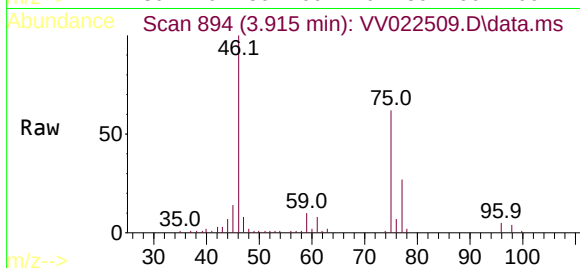
Delta R.T. 0.006 min

Lab File: VV022509.D

Acq: 02 Oct 2021 14:32

Tgt Ion: 96 Resp: 1908

Ion	Ratio	Lower	Upper
96	100		
61	153.1	81.9	152.1#
68	0.0	0.0	0.0



#34

Trichloroethene

Concen: 8.222 ug/L

RT: 5.915 min Scan# 1516

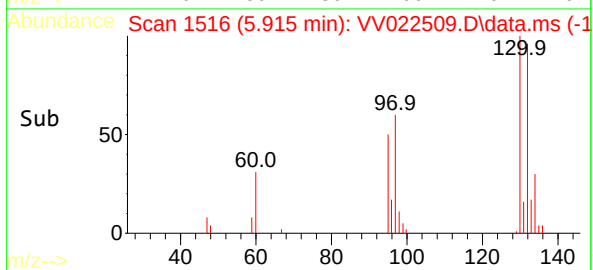
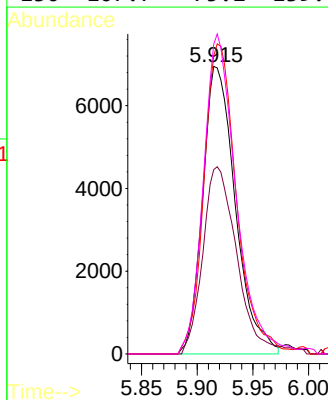
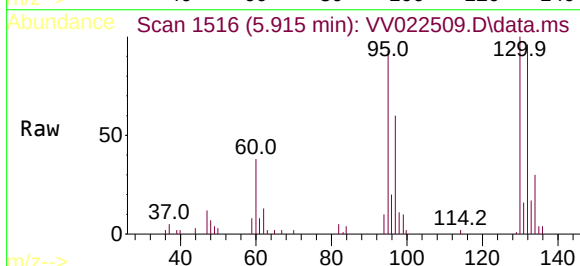
Delta R.T. 0.000 min

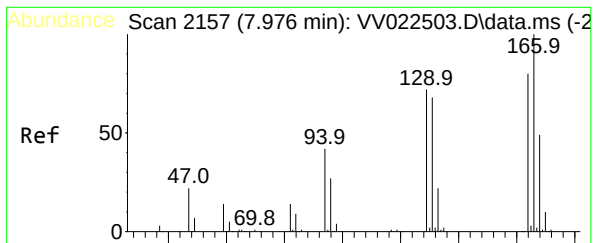
Lab File: VV022509.D

Acq: 02 Oct 2021 14:32

Tgt Ion: 95 Resp: 14191

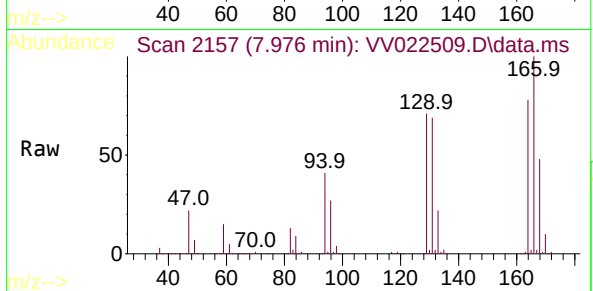
Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.4	84.4
132	103.6	71.5	132.9
130	107.7	75.2	139.6





#46
Tetrachloroethene
Concen: 219.213 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022509.D
Acq: 02 Oct 2021 14:32

Instrument :
MSVOA_V
ClientSampleId :
F4A43



Tgt Ion:164 Resp: 316761

Ion	Ratio	Lower	Upper
164	100		
129	90.3	64.6	120.0
131	87.9	59.9	111.3
166	127.9	88.0	163.4

