

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022466.D
 Acq On : 01 Oct 2021 05:18
 Operator : SY/MD
 Sample : M3997-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A47

Quant Time: Oct 01 06:28:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 04:27:45 2021
 Response via : Initial Calibration

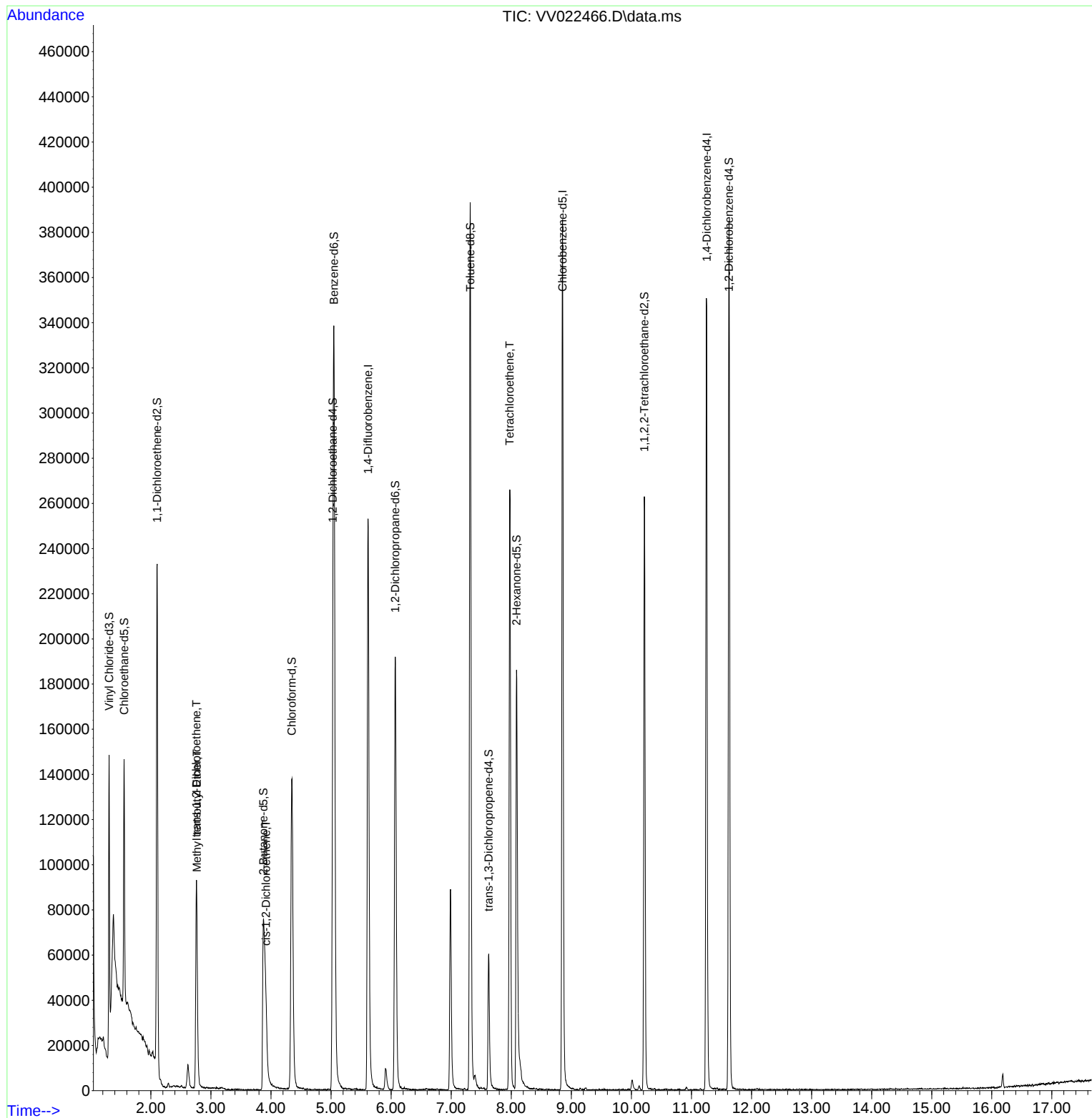
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	226429	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	218248	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	96050	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	81988	42.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.34%
7) Chloroethane-d5	1.555	69	69154	45.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.101	63	113498	33.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.94%
21) 2-Butanone-d5	3.873	46	106315	78.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.40%
24) Chloroform-d	4.346	84	145997	42.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.16%
26) 1,2-Dichloroethane-d4	5.031	65	90075	42.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.66%
32) Benzene-d6	5.050	84	299589	43.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.26%
36) 1,2-Dichloropropane-d6	6.069	67	96177	43.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.58%
41) Toluene-d8	7.317	98	261696	41.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.28%
43) trans-1,3-Dichloroprop...	7.622	79	35348	35.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.48%
47) 2-Hexanone-d5	8.088	63	63586	71.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.24%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	124526	39.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.10%
66) 1,2-Dichlorobenzene-d4	11.625	152	103952	48.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.34%
Target Compounds						
17) trans-1,2-Dichloroethene	2.757	96	29818	17.36	ug/L	95
18) Methyl tert-butyl Ether	2.767	73	22200	4.35	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	14910	8.15	ug/L	95
46) Tetrachloroethene	7.976	164	61567	43.66	ug/L	97

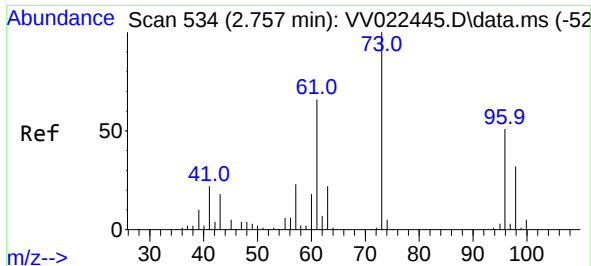
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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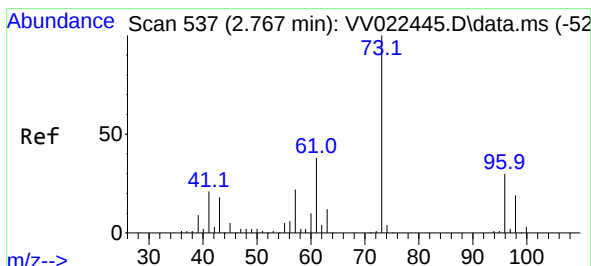
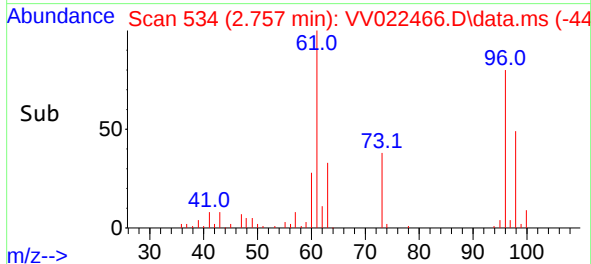
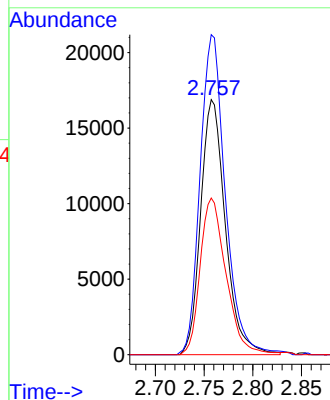
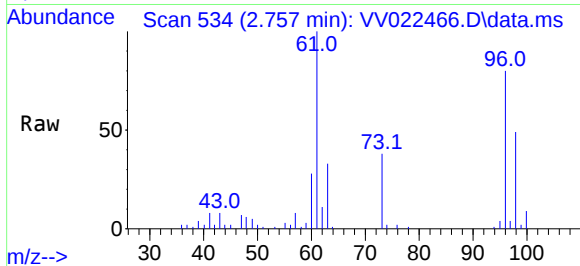




#17
trans-1,2-Dichloroethene
Concen: 17.36 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV022466.D
Acq: 01 Oct 2021 05:18

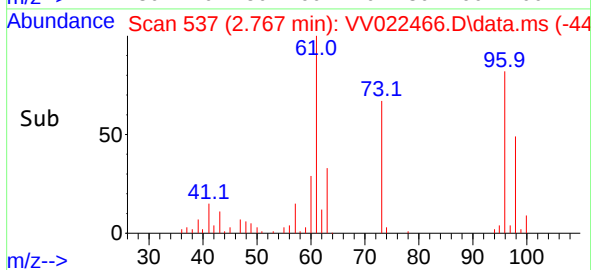
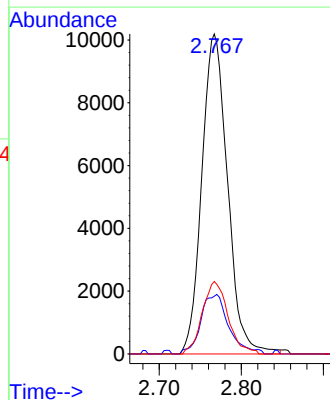
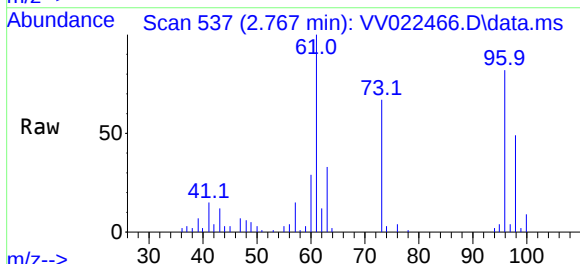
Instrument :
MSVOA_V
ClientSampled :
F4A47

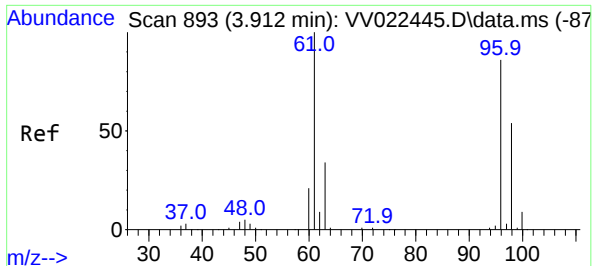
Tgt Ion: 96 Resp: 29818
Ion Ratio Lower Upper
96 100
61 125.5 92.7 172.1
98 61.4 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 4.35 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV022466.D
Acq: 01 Oct 2021 05:18

Tgt Ion: 73 Resp: 22200
Ion Ratio Lower Upper
73 100
43 19.8 14.6 21.8
57 22.7 17.6 26.4



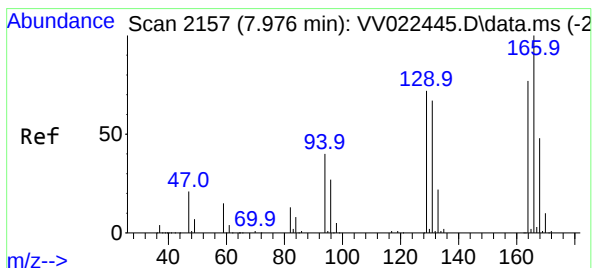
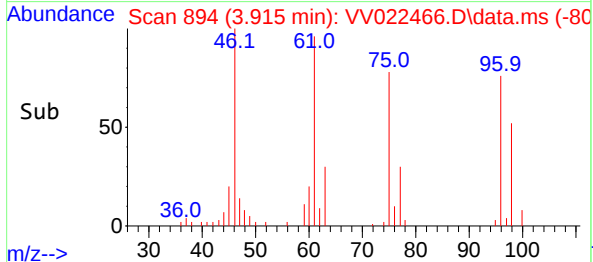
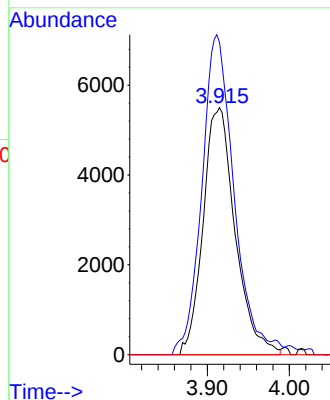
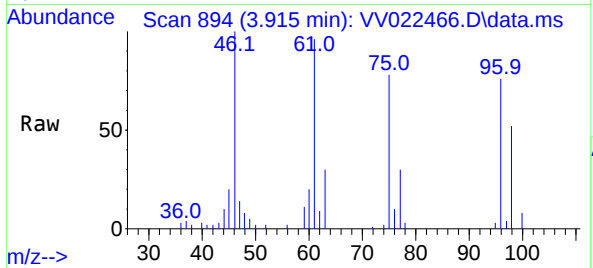


#20
cis-1,2-Dichloroethene
Concen: 8.15 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV022466.D
Acq: 01 Oct 2021 05:18

Instrument :
MSVOA_V
ClientSampled :
F4A47

Tgt Ion: 96 Resp: 14910

Ion	Ratio	Lower	Upper
96	100		
61	126.4	84.6	157.0
68	0.0	0.0	0.0



#46
Tetrachloroethene
Concen: 43.66 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022466.D
Acq: 01 Oct 2021 05:18

Tgt Ion: 164 Resp: 61567

Ion	Ratio	Lower	Upper
164	100		
129	92.2	66.4	123.4
131	86.2	63.6	118.0
166	129.3	91.6	170.0

