

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023487.D
 Acq On : 15 Nov 2021 17:06
 Operator : SY/MD
 Sample : M4616-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Z0

Quant Time: Nov 16 00:33:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 00:29:25 2021
 Response via : Initial Calibration

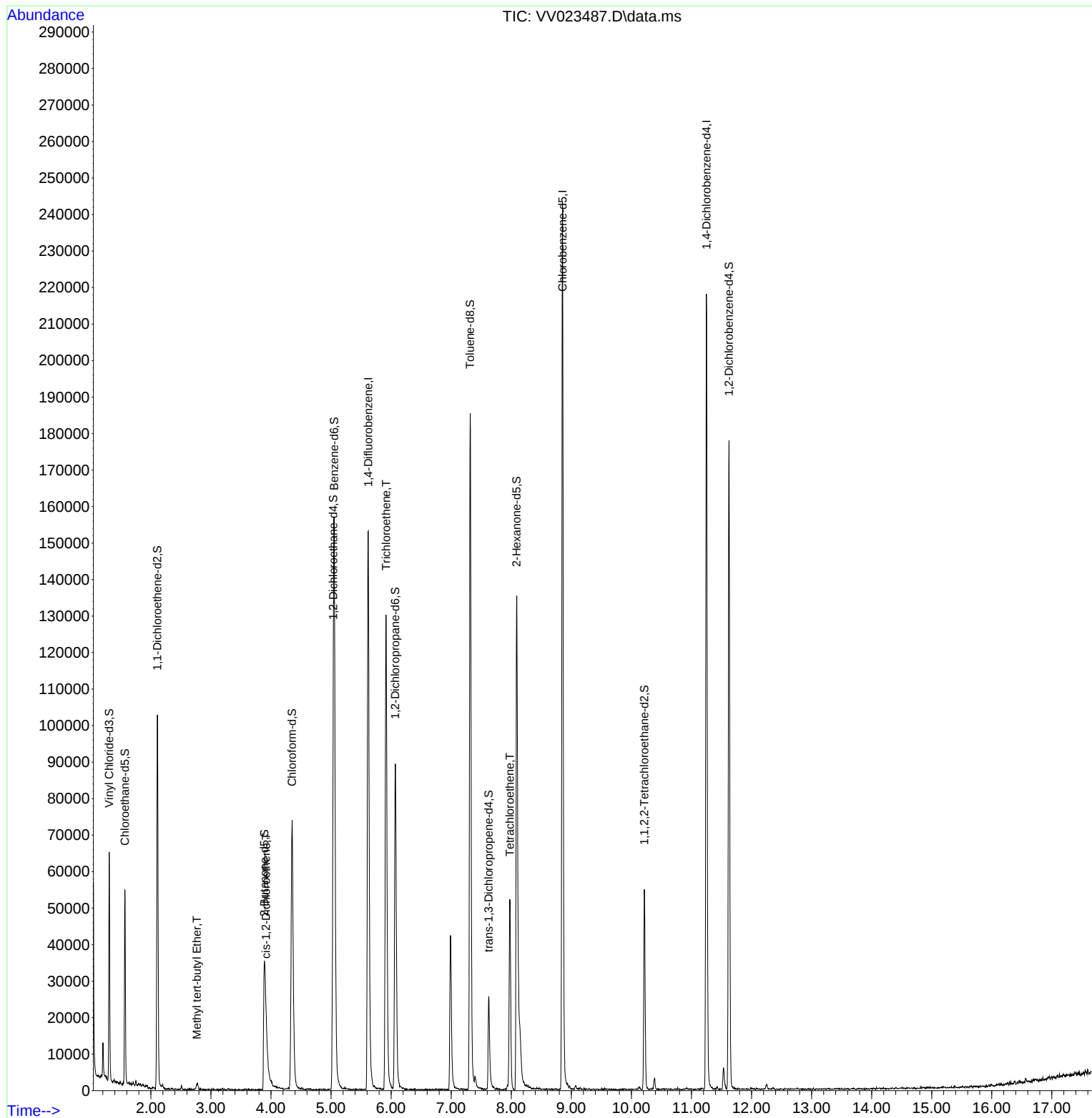
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	137810	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	136279	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59695	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39540	4.580	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.568	69	30869	4.387	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.108	63	53084	3.285	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	3.889	46	65747	44.204	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.400%
24) Chloroform-d	4.349	84	73937	4.019	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
26) 1,2-Dichloroethane-d4	5.037	65	35626	4.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	5.053	84	143745	4.111	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.069	67	43145	4.192	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.317	98	124460	3.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	7.625	79	15398	3.945	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.000%
46) 2-Hexanone-d5	8.088	63	42255	29.425	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	58.860%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25987	3.511	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	47965	4.825	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
17) Methyl tert-butyl Ether	2.767	73	1601	0.089	ug/L #	70
22) cis-1,2-Dichloroethene	3.915	96	1540	0.158	ug/L #	62
34) Trichloroethene	5.915	95	43448	4.289	ug/L	96
47) Tetrachloroethene	7.979	164	12187	1.388	ug/L	97

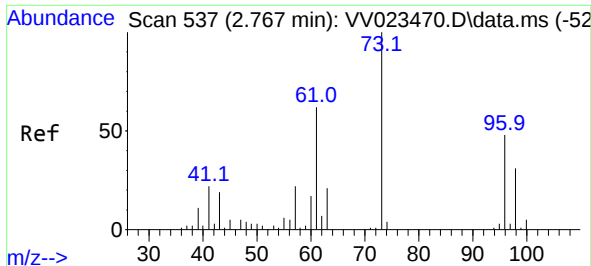
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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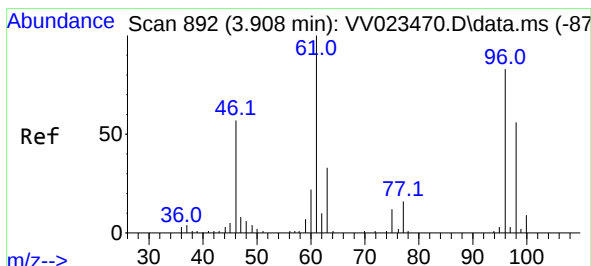
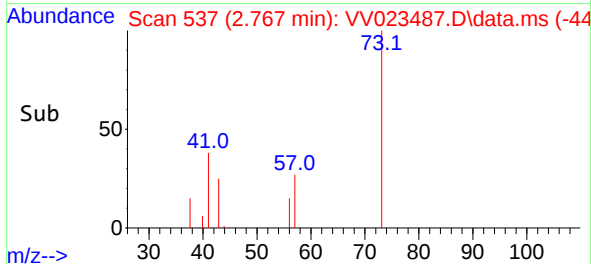
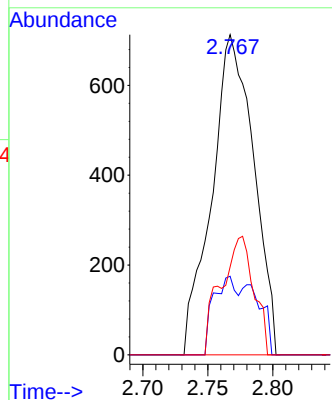
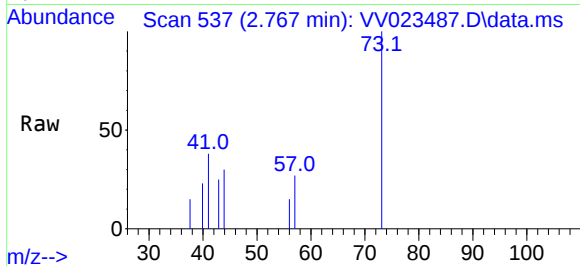




#17
Methyl tert-butyl Ether
Concen: 0.089 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023487.D
Acq: 15 Nov 2021 17:06

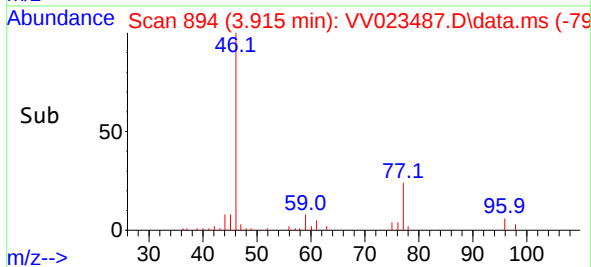
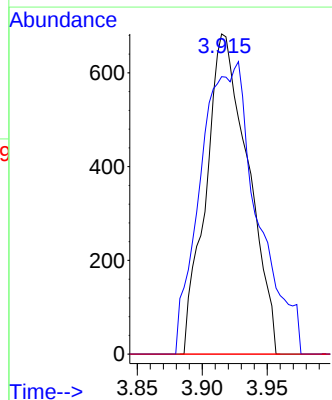
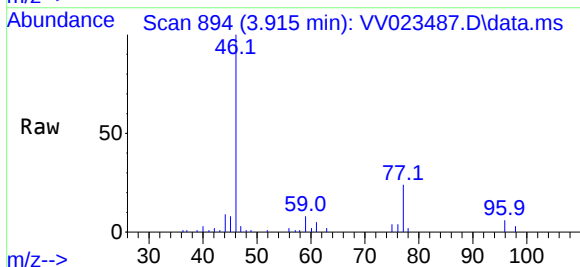
Instrument :
MSVOA_V
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BG1Z0

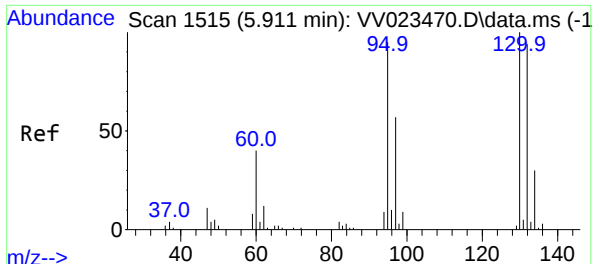
Tgt Ion: 73 Resp: 1601
Ion Ratio Lower Upper
73 100
43 13.7 17.4 26.0#
57 0.0 16.5 24.7#



#22
cis-1,2-Dichloroethene
Concen: 0.158 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.007 min
Lab File: VV023487.D
Acq: 15 Nov 2021 17:06

Tgt Ion: 96 Resp: 1540
Ion Ratio Lower Upper
96 100
61 86.7 92.3 171.3#
68 0.0 0.4 0.8#



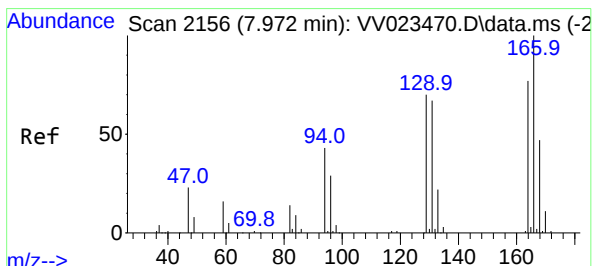
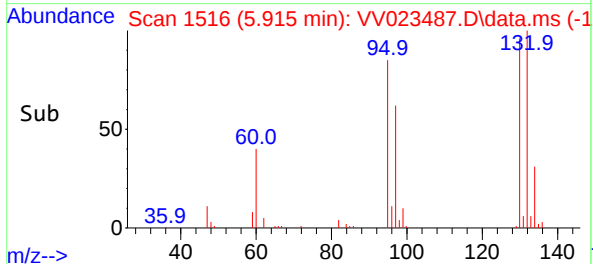
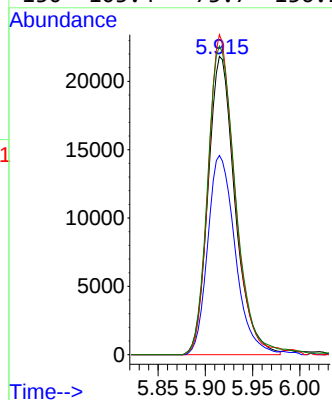
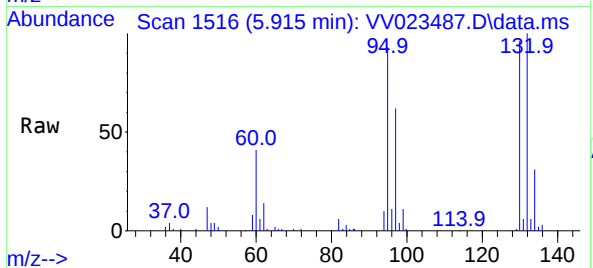


#34
Trichloroethene
Concen: 4.289 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023487.D
Acq: 15 Nov 2021 17:06

Instrument :
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Tgt Ion: 95 Resp: 43448

Ion	Ratio	Lower	Upper
95	100		
97	66.8	45.0	83.6
132	107.3	69.7	129.4
130	103.4	73.7	136.9



#47
Tetrachloroethene
Concen: 1.388 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.007 min
Lab File: VV023487.D
Acq: 15 Nov 2021 17:06

Tgt Ion: 164 Resp: 12187

Ion	Ratio	Lower	Upper
164	100		
129	93.4	64.0	119.0
131	87.9	63.4	117.8
166	130.9	89.3	165.9

