

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111521\
 Data File : VV023485.D
 Acq On : 15 Nov 2021 16:19
 Operator : SY/MD
 Sample : M4616-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Y8

Quant Time: Nov 16 00:33:31 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)

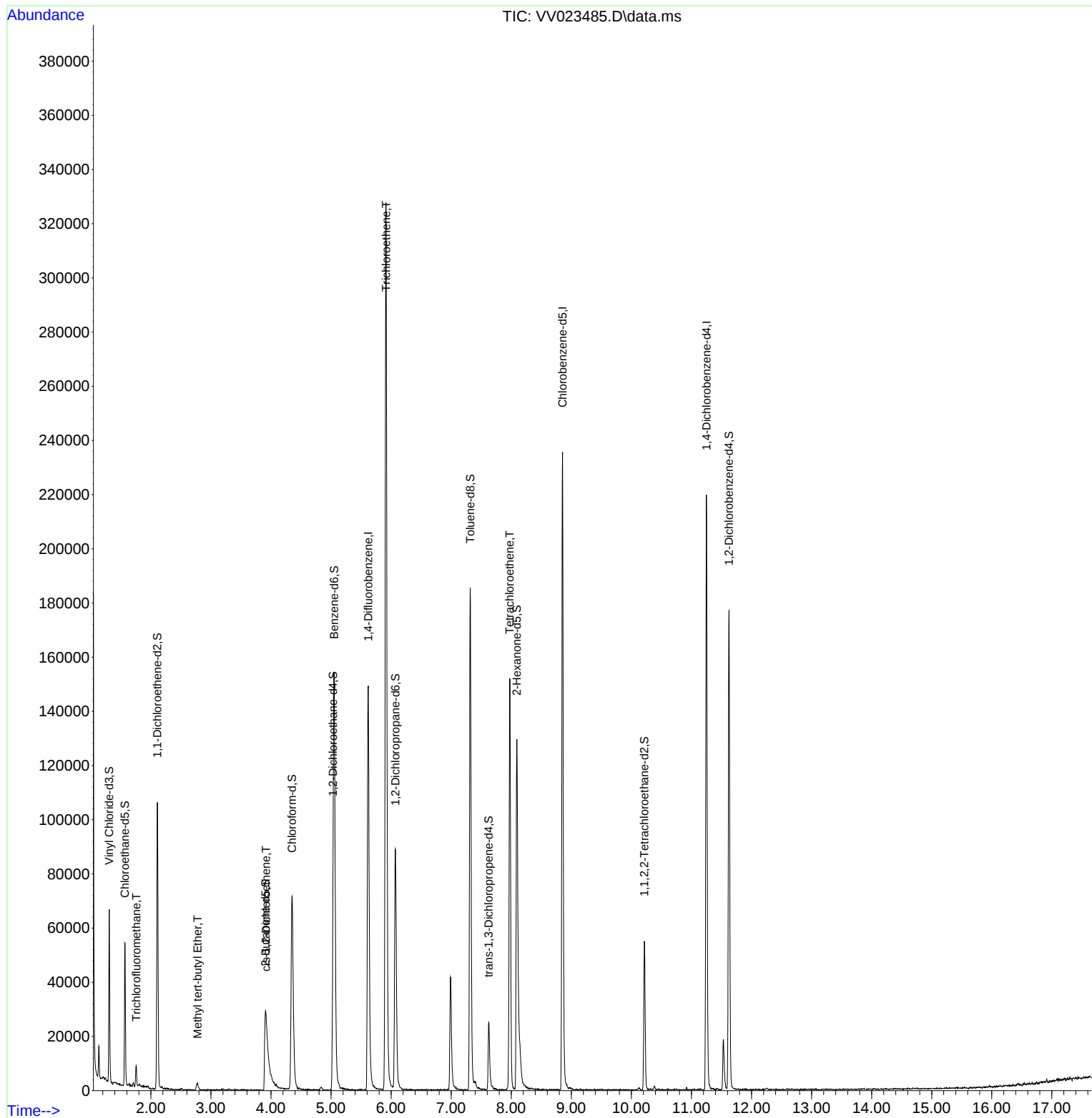
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	133083	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	134266	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60045	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	38459	4.613	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.200%
7) Chloroethane-d5	1.568	69	31487	4.634	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.108	63	53854	3.451	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	3.908	46	64836	45.140	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.280%
24) Chloroform-d	4.349	84	71769	4.039	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
26) 1,2-Dichloroethane-d4	5.034	65	34221	4.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.053	84	141666	4.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.072	67	42494	4.190	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.317	98	124926	3.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
43) trans-1,3-Dichloroprop...	7.625	79	15432	4.013	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.091	63	44754	31.633	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.260%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26101	3.579	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	46749	4.676	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.757	101	4240	0.256	ug/L	99
17) Methyl tert-butyl Ether	2.777	73	2308	0.132	ug/L	93
22) cis-1,2-Dichloroethene	3.918	96	2441	0.260	ug/L #	99
34) Trichloroethene	5.915	95	112801	11.303	ug/L	98
47) Tetrachloroethene	7.976	164	35314	4.083	ug/L	97

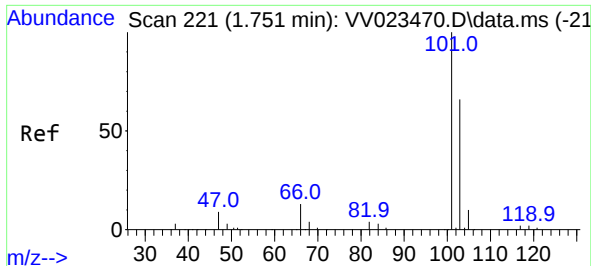
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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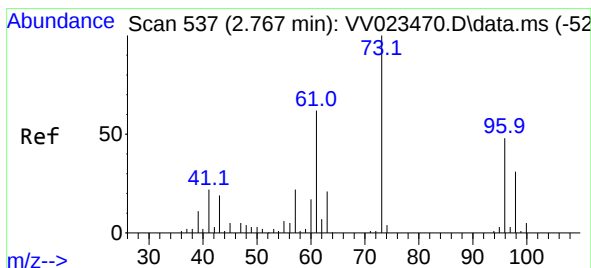
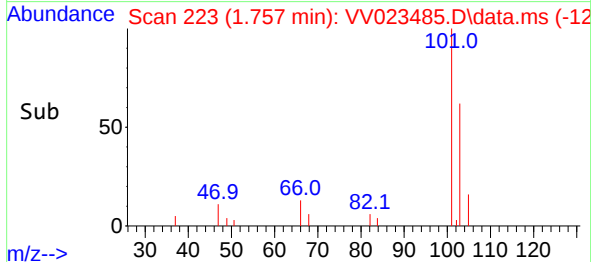
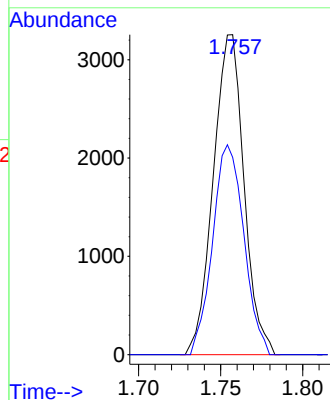
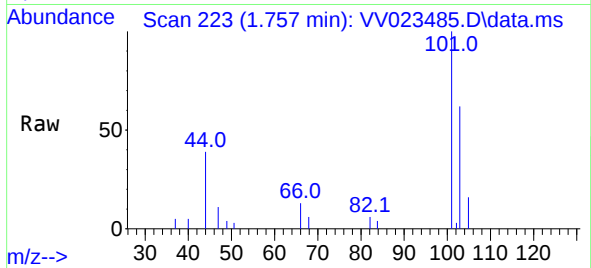




#9
Trichlorofluoromethane
Concen: 0.256 ug/L
RT: 1.757 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV023485.D
Acq: 15 Nov 2021 16:19

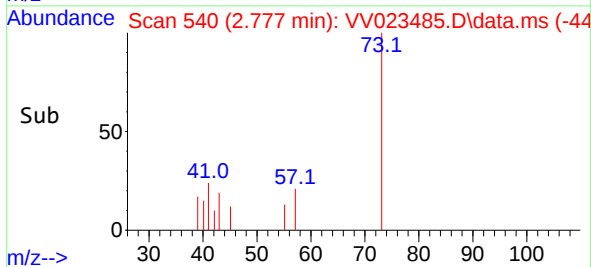
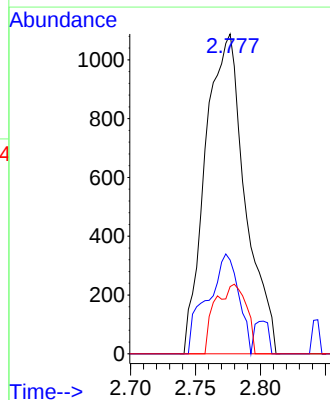
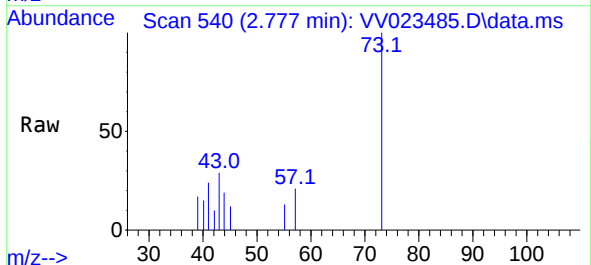
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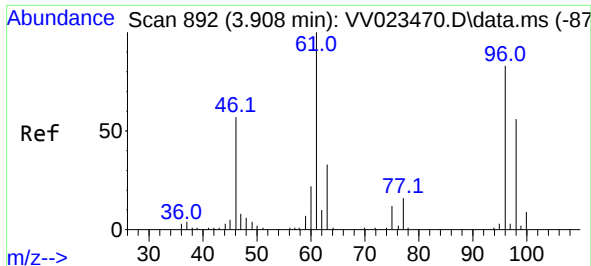
Tgt Ion:101 Resp: 4240
Ion Ratio Lower Upper
101 100
103 66.7 52.6 79.0



#17
Methyl tert-butyl Ether
Concen: 0.132 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.010 min
Lab File: VV023485.D
Acq: 15 Nov 2021 16:19

Tgt Ion: 73 Resp: 2308
Ion Ratio Lower Upper
73 100
43 24.8 17.4 26.0
57 17.1 16.5 24.7

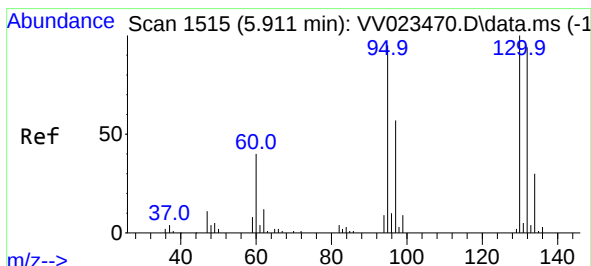
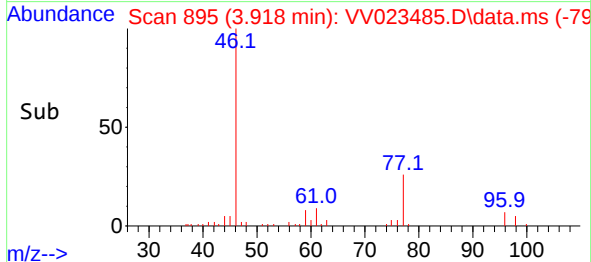
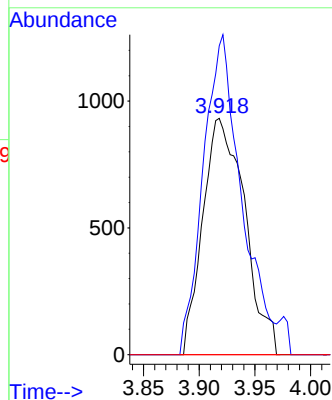
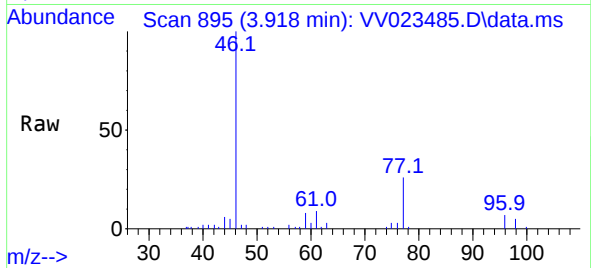




#22
 cis-1,2-Dichloroethene
 Concen: 0.260 ug/L
 RT: 3.918 min Scan# 895
 Delta R.T. 0.010 min
 Lab File: VV023485.D
 Acq: 15 Nov 2021 16:19

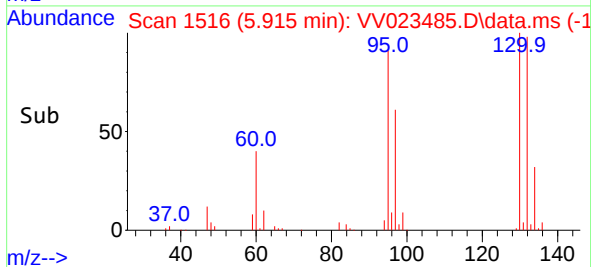
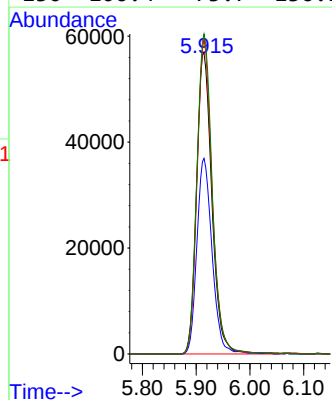
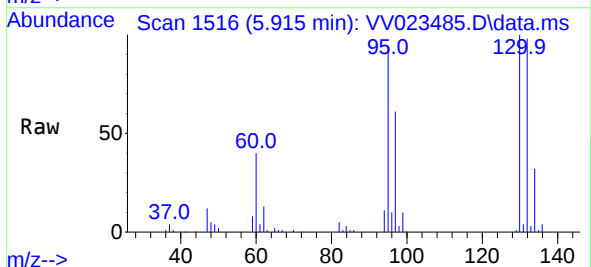
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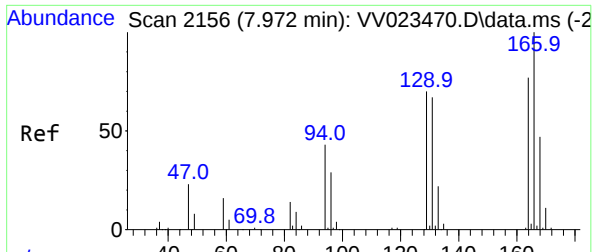
Tgt Ion: 96 Resp: 2441
 Ion Ratio Lower Upper
 96 100
 61 130.7 92.3 171.3
 68 0.0 0.4 0.8#



#34
 Trichloroethene
 Concen: 11.303 ug/L
 RT: 5.915 min Scan# 1516
 Delta R.T. 0.003 min
 Lab File: VV023485.D
 Acq: 15 Nov 2021 16:19

Tgt Ion: 95 Resp: 112801
 Ion Ratio Lower Upper
 95 100
 97 65.0 45.0 83.6
 132 104.4 69.7 129.4
 130 106.4 73.7 136.9





#47
 Tetrachloroethene
 Concen: 4.083 ug/L
 RT: 7.976 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV023485.D
 Acq: 15 Nov 2021 16:19

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Y8

Tgt Ion:164 Resp: 35314

Ion	Ratio	Lower	Upper
164	100		
129	91.6	64.0	119.0
131	86.5	63.4	117.8
166	123.4	89.3	165.9

