

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111521\
 Data File : VV023482.D
 Acq On : 15 Nov 2021 15:07
 Operator : SY/MD
 Sample : M4616-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Z0

Quant Time: Nov 16 00:32:50 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)

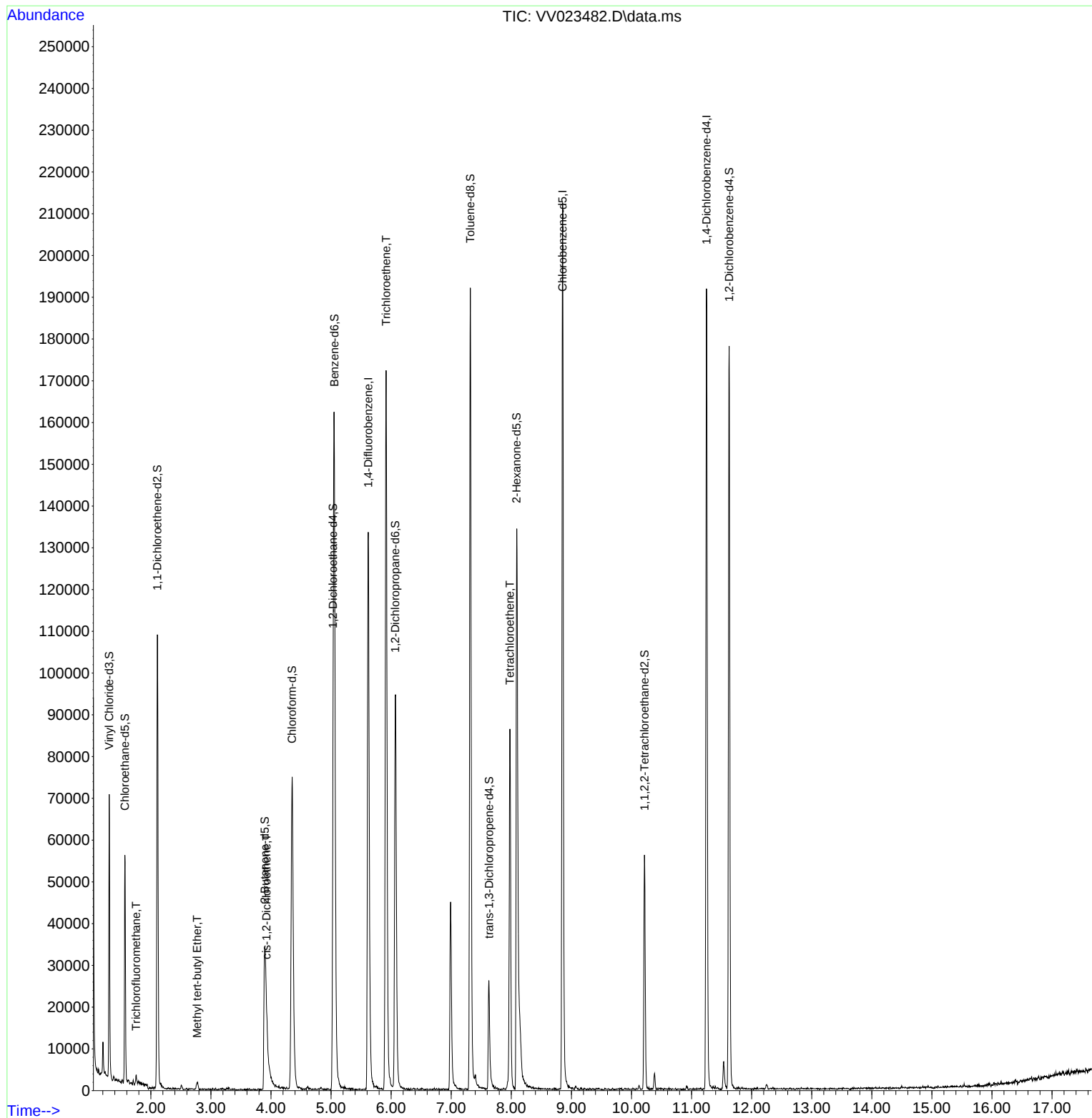
Internal Standards							
1) 1,4-Difluorobenzene		5.619	114	120056	5.000	ug/L	0.00
28) Chlorobenzene-d5		8.854	117	118564	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.249	152	54424	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.307	65	41360	5.499	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.000%	
7) Chloroethane-d5		1.568	69	33560	5.475	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.400%	
11) 1,1-Dichloroethene-d2		2.108	63	56661	4.024	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.400%	
20) 2-Butanone-d5		3.896	46	69363	53.531	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.060%	
24) Chloroform-d		4.349	84	75263	4.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%	
26) 1,2-Dichloroethane-d4		5.034	65	35961	4.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%	
32) Benzene-d6		5.053	84	148429	4.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%	
36) 1,2-Dichloropropane-d6		6.069	67	44880	5.012	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%	
41) Toluene-d8		7.317	98	128034	4.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%	
43) trans-1,3-Dichloroprop...		7.629	79	16112	4.745	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%	
46) 2-Hexanone-d5		8.088	63	43796	35.055	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.120%	
56) 1,1,2,2-Tetrachloroeth...		10.217	84	26241	4.075	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.400%	
66) 1,2-Dichlorobenzene-d4		11.625	152	48300	5.330	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%	
Target Compounds							
9) Trichlorofluoromethane		1.754	101	1155	0.077	ug/L	85
17) Methyl tert-butyl Ether		2.770	73	1776	0.113	ug/L	94
22) cis-1,2-Dichloroethene		3.925	96	1516	0.179	ug/L #	94
34) Trichloroethene		5.915	95	58701	6.661	ug/L	98
47) Tetrachloroethene		7.976	164	19287	2.525	ug/L	97

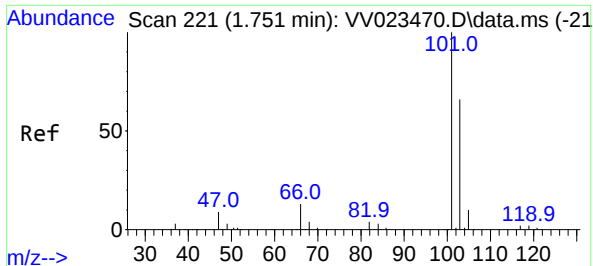
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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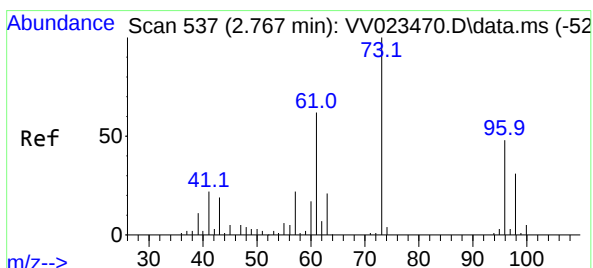
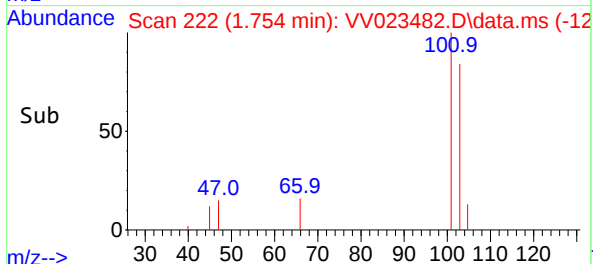
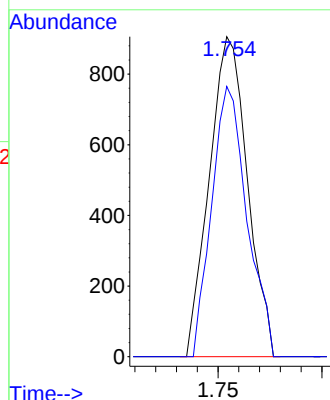
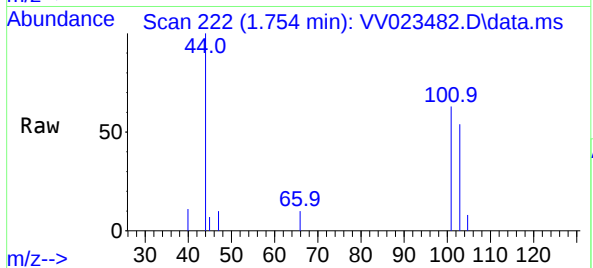




#9
Trichlorofluoromethane
Concen: 0.077 ug/L
RT: 1.754 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023482.D
Acq: 15 Nov 2021 15:07

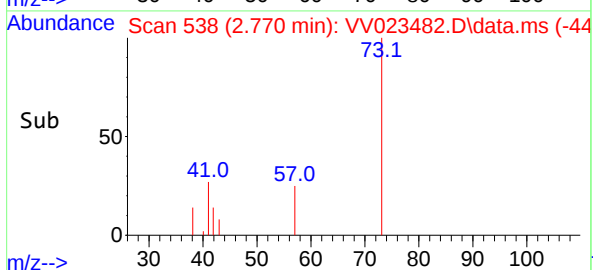
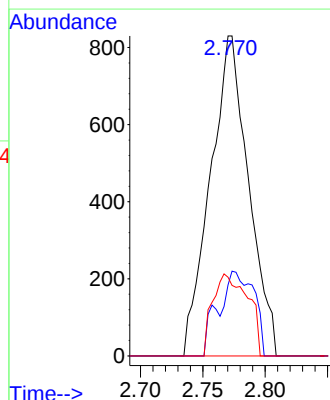
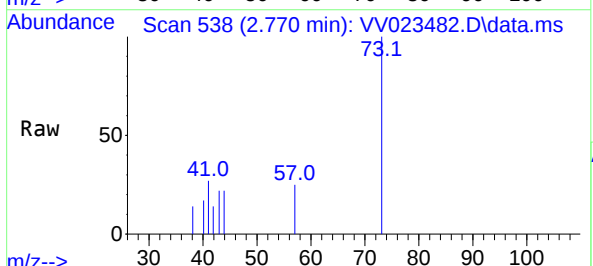
Instrument :
MSVOA_V
ClientSampleId :
BG1Z0

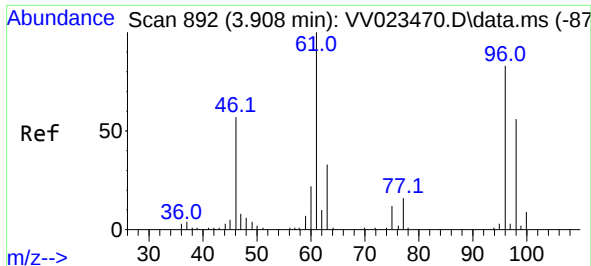
Tgt Ion:101 Resp: 1155
Ion Ratio Lower Upper
101 100
103 78.1 52.6 79.0



#17
Methyl tert-butyl Ether
Concen: 0.113 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV023482.D
Acq: 15 Nov 2021 15:07

Tgt Ion: 73 Resp: 1776
Ion Ratio Lower Upper
73 100
43 19.2 17.4 26.0
57 23.4 16.5 24.7





#22

cis-1,2-Dichloroethene

Concen: 0.179 ug/L

RT: 3.925 min Scan# 89

Delta R.T. 0.016 min

Lab File: VV023482.D

Acq: 15 Nov 2021 15:07

Instrument :

MSVOA_V

ClientSampleId :

BG1Z0

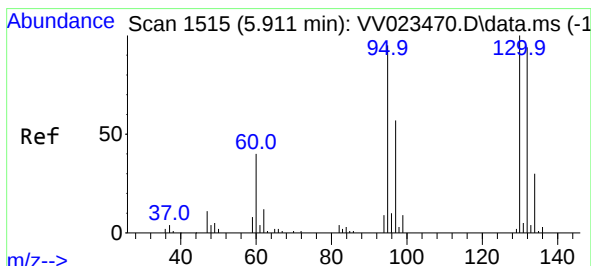
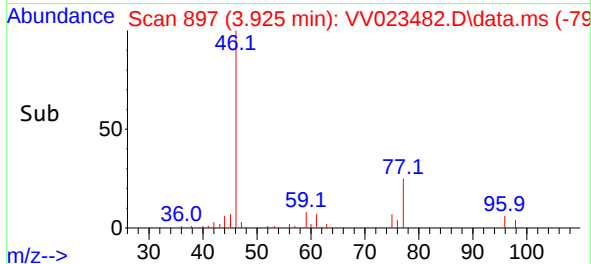
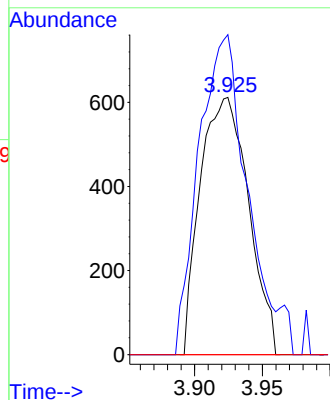
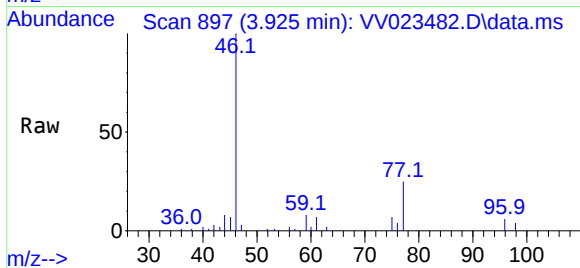
Tgt Ion: 96 Resp: 1516

Ion Ratio Lower Upper

96 100

61 124.3 92.3 171.3

68 0.0 0.4 0.8#



#34

Trichloroethene

Concen: 6.661 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.003 min

Lab File: VV023482.D

Acq: 15 Nov 2021 15:07

Tgt Ion: 95 Resp: 58701

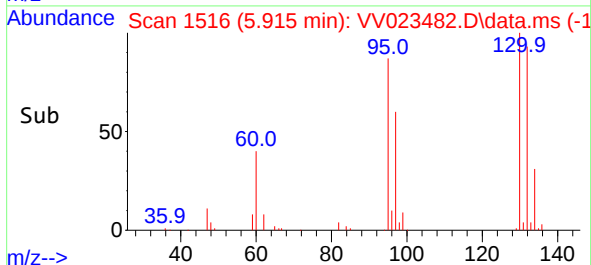
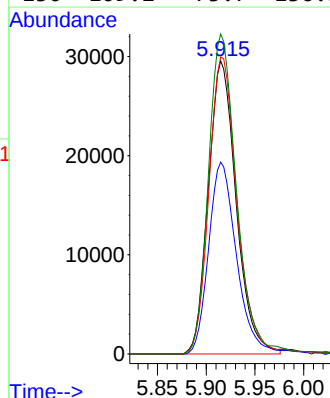
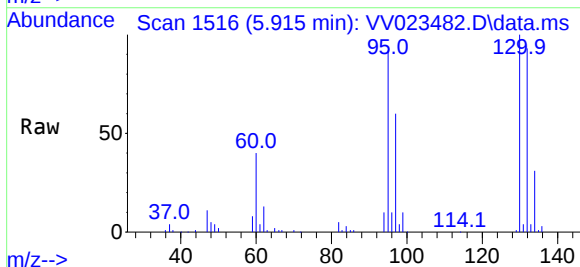
Ion Ratio Lower Upper

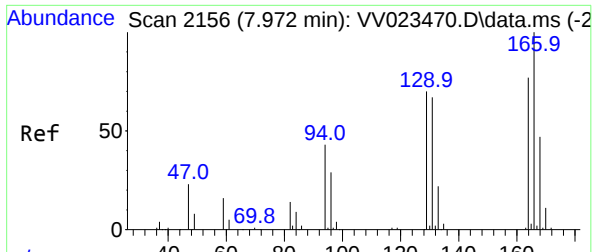
95 100

97 65.4 45.0 83.6

132 101.3 69.7 129.4

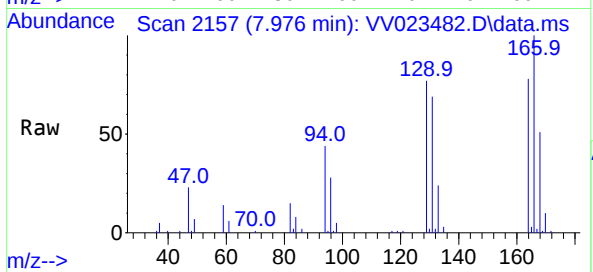
130 109.2 73.7 136.9





#47
Tetrachloroethene
Concen: 2.525 ug/L
RT: 7.976 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV023482.D
Acq: 15 Nov 2021 15:07

Instrument :
MSVOA_V
ClientSampleId :
BG1Z0



Tgt Ion:164 Resp: 19287

Ion	Ratio	Lower	Upper
164	100		
129	99.2	64.0	119.0
131	88.0	63.4	117.8
166	128.0	89.3	165.9

