

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
 Data File : VV027567.D
 Acq On : 29 Aug 2022 17:10
 Operator : SY/MD
 Sample : N4366-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5F14

Quant Time: Aug 30 04:19:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

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

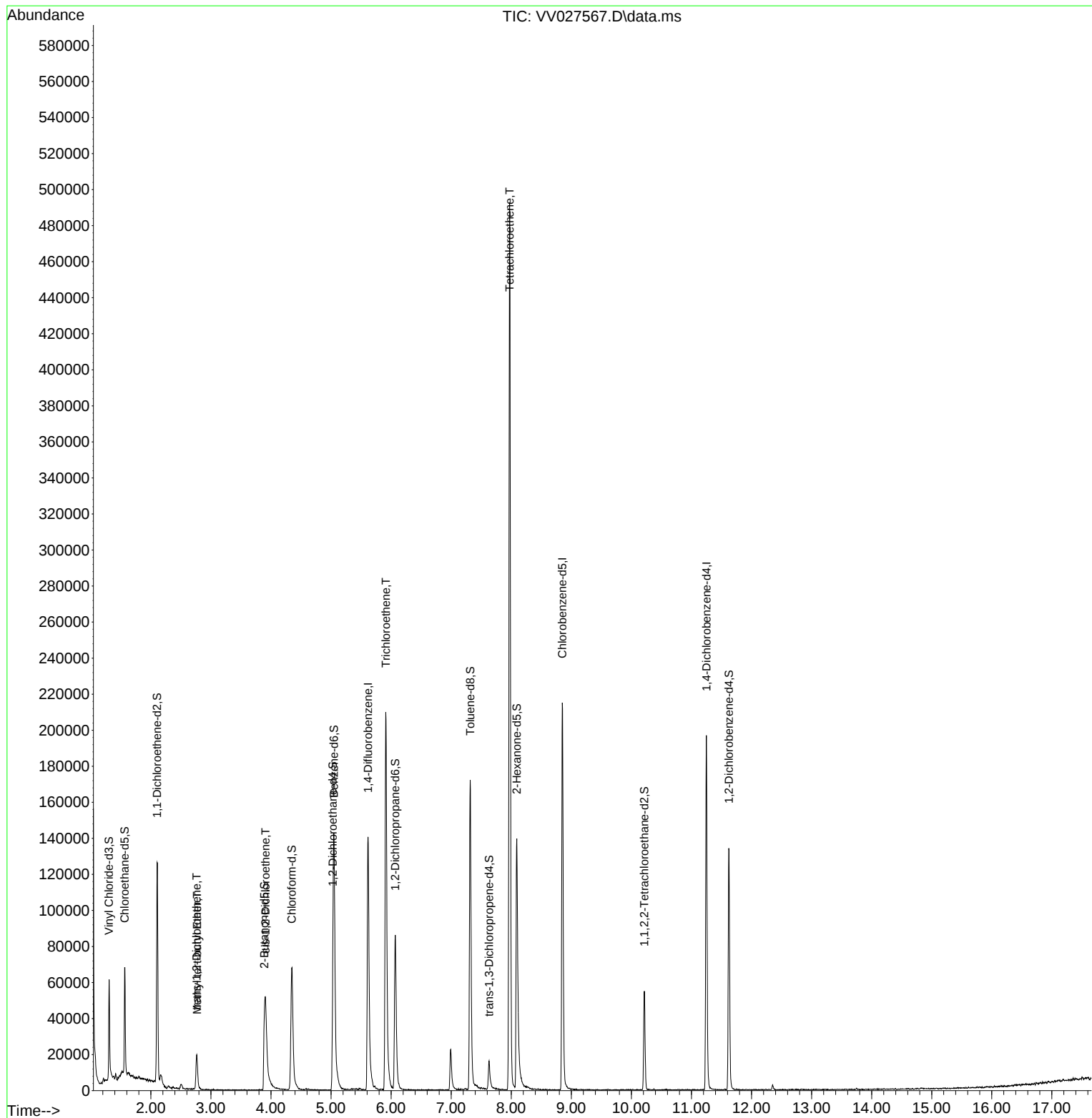
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	127362	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	123015	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52638	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	41702	4.601	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.564	69	36615	5.519	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.400%
11) 1,1-Dichloroethene-d2	2.105	63	64679	3.060	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.200%
20) 2-Butanone-d5	3.889	46	63924	56.667	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.340%
24) Chloroform-d	4.346	84	74551	4.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	5.030	65	37329	4.761	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.050	84	134196	3.938	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.069	67	40254	4.063	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.200%
41) Toluene-d8	7.317	98	117183	3.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	7.632	79	10258	3.024	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.400%
46) 2-Hexanone-d5	8.091	63	45921	41.128	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.260%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25740	4.080	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	36061	4.621	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	2.770	73	4291	0.215	ug/L	# 91
18) trans-1,2-Dichloroethene	2.764	96	5811	0.585	ug/L	85
22) cis-1,2-Dichloroethene	3.908	96	15464	1.462	ug/L	98
34) Trichloroethene	5.911	95	74792	6.949	ug/L	97
47) Tetrachloroethene	7.972	164	109264	13.031	ug/L	98

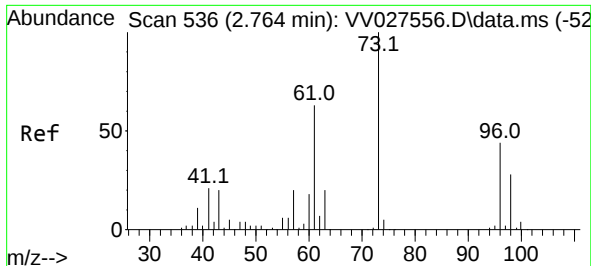
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
Data File : VV027567.D
Acq On : 29 Aug 2022 17:10
Operator : SY/MD
Sample : N4366-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5F14

Quant Time: Aug 30 04:19:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 27 03:12:26 2022
Response via : Initial Calibration

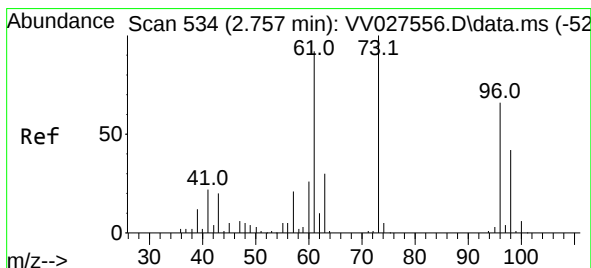
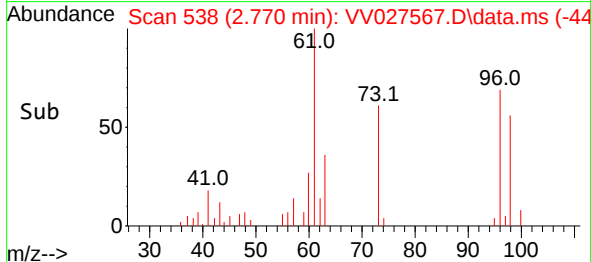
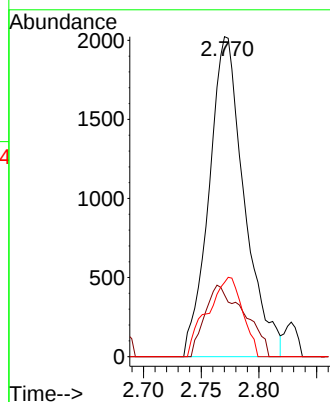
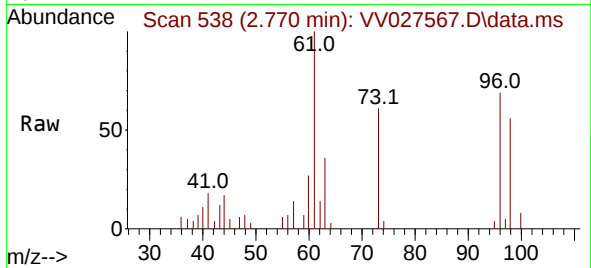




#17
Methyl tert-butyl Ether
Concen: 0.215 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV027567.D
Acq: 29 Aug 2022 17:10

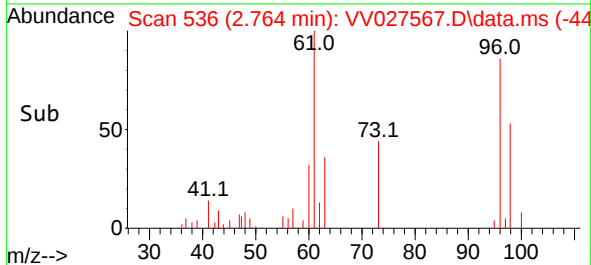
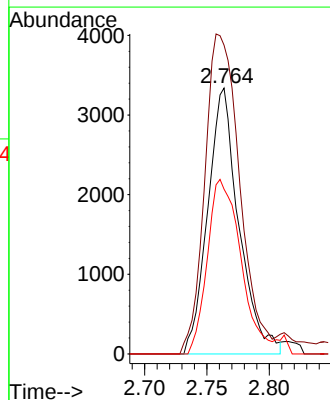
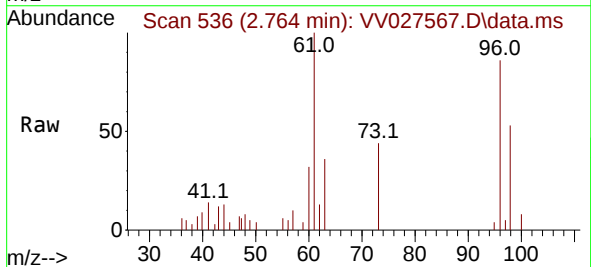
Instrument :
MSVOA_V
ClientSampleId :
F5F14

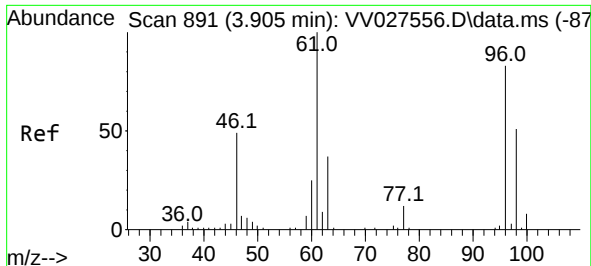
Tgt Ion: 73 Resp: 4291
Ion Ratio Lower Upper
73 100
43 24.9 15.6 23.4#
57 24.6 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 0.585 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.010 min
Lab File: VV027567.D
Acq: 29 Aug 2022 17:10

Tgt Ion: 96 Resp: 5811
Ion Ratio Lower Upper
96 100
61 116.2 97.6 181.4
98 62.0 45.9 85.3





#22

cis-1,2-Dichloroethene

Concen: 1.462 ug/L

RT: 3.908 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV027567.D

Acq: 29 Aug 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

F5F14

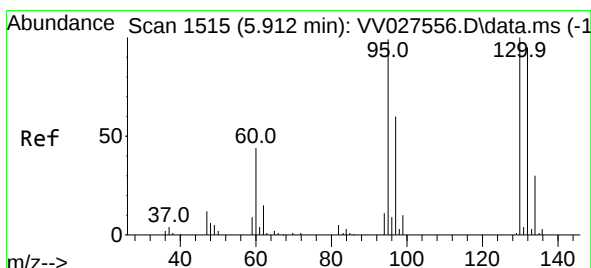
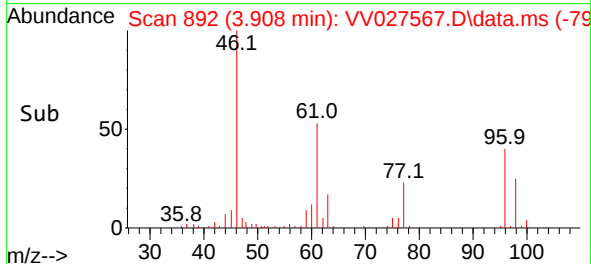
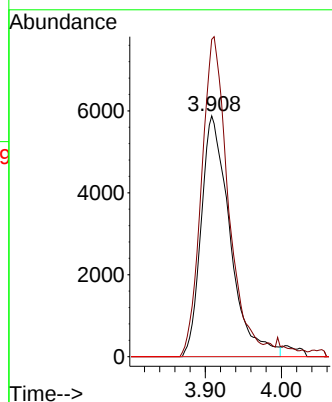
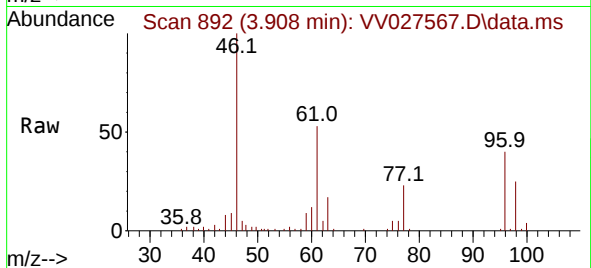
Tgt Ion: 96 Resp: 15464

Ion Ratio Lower Upper

96 100

61 131.8 90.6 168.2

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 6.949 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV027567.D

Acq: 29 Aug 2022 17:10

Tgt Ion: 95 Resp: 74792

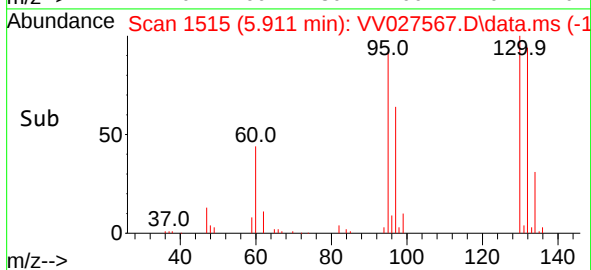
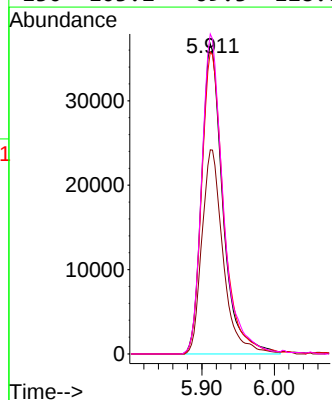
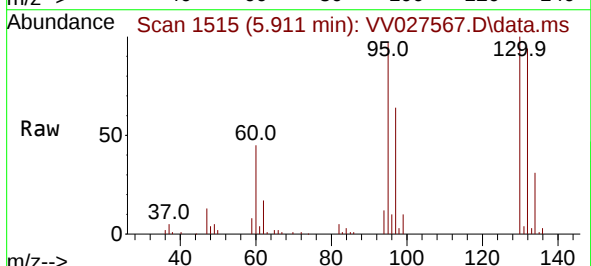
Ion Ratio Lower Upper

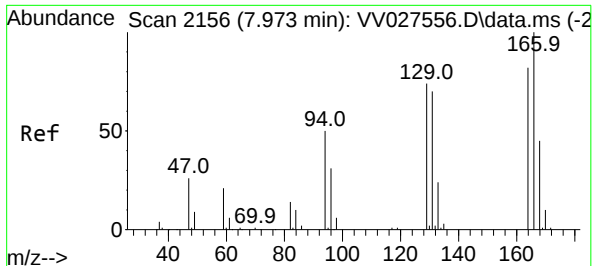
95 100

97 65.9 45.0 83.6

132 97.4 65.7 121.9

130 103.2 69.3 128.7





#47
 Tetrachloroethene
 Concen: 13.031 ug/L
 RT: 7.972 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV027567.D
 Acq: 29 Aug 2022 17:10

Instrument :
 MSVOA_V
 ClientSampleId :
 F5F14

Tgt Ion:164 Resp: 109264

Ion	Ratio	Lower	Upper
164	100		
129	96.4	71.1	132.1
131	93.1	64.5	119.9
166	127.3	89.4	166.0

