

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
 Data File : VV027559.D
 Acq On : 29 Aug 2022 13:55
 Operator : SY/MD
 Sample : N4366-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E78

Quant Time: Aug 30 04:18:37 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)

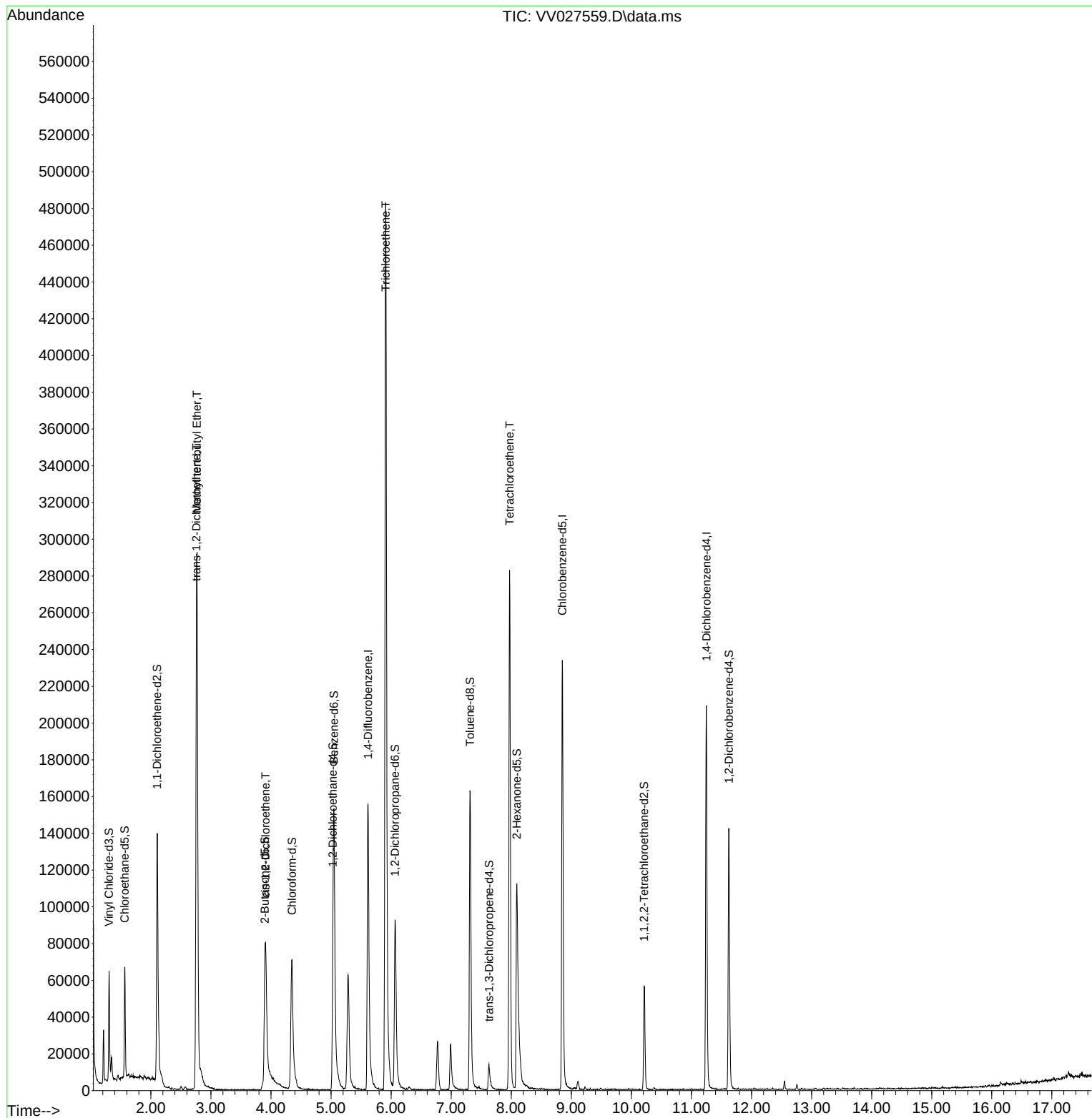
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	143880	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	133644	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56314	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39709	3.878	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.565	69	39781	5.308	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.200%
11) 1,1-Dichloroethene-d2	2.105	63	69195	2.898	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.000%#
20) 2-Butanone-d5	3.896	46	44454	34.883	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.760%
24) Chloroform-d	4.349	84	76527	3.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.800%
26) 1,2-Dichloroethane-d4	5.031	65	37517	4.235	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	5.047	84	145080	3.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.400%
36) 1,2-Dichloropropane-d6	6.066	67	46517	4.322	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.314	98	115876	3.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.400%#
43) trans-1,3-Dichloroprop...	7.632	79	8987	2.439	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	48.800%#
46) 2-Hexanone-d5	8.092	63	43980	36.257	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.520%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	27133	3.959	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	38420	4.602	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
17) Methyl tert-butyl Ether	2.767	73	249191	11.064	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	23032	2.054	ug/L	99
22) cis-1,2-Dichloroethene	3.909	96	35407	2.962	ug/L	98
34) Trichloroethene	5.908	95	173221	14.814	ug/L	96
47) Tetrachloroethene	7.973	164	62951	6.910	ug/L	97

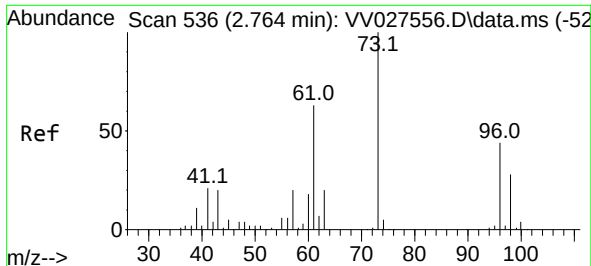
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Methyl tert-butyl Ether

Concen: 11.064 ug/L

RT: 2.767 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV027559.D

Acq: 29 Aug 2022 13:55

Instrument :

MSVOA_V

ClientSampleId :

F5E78

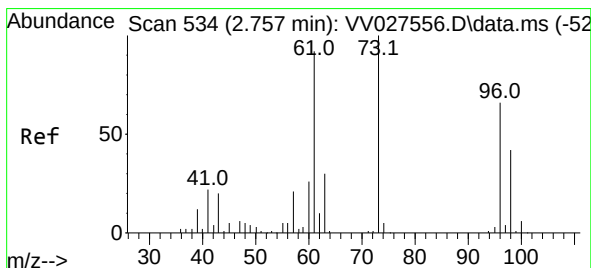
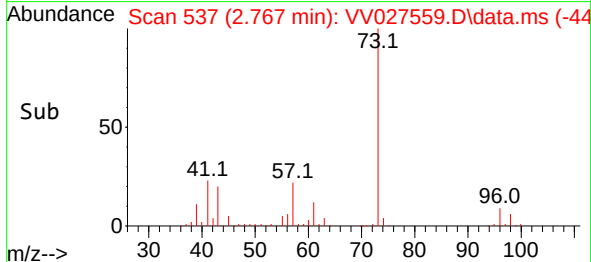
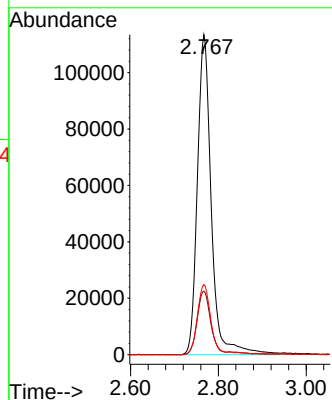
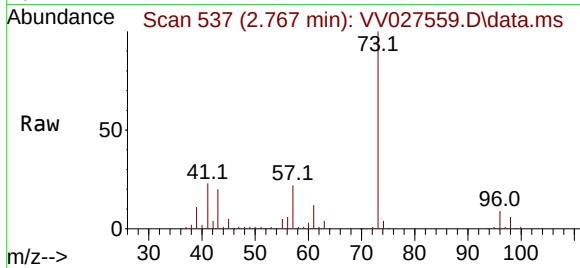
Tgt Ion: 73 Resp: 249191

Ion Ratio Lower Upper

73 100

43 19.3 15.6 23.4

57 20.8 17.0 25.6



#18

trans-1,2-Dichloroethene

Concen: 2.054 ug/L

RT: 2.757 min Scan# 534

Delta R.T. 0.003 min

Lab File: VV027559.D

Acq: 29 Aug 2022 13:55

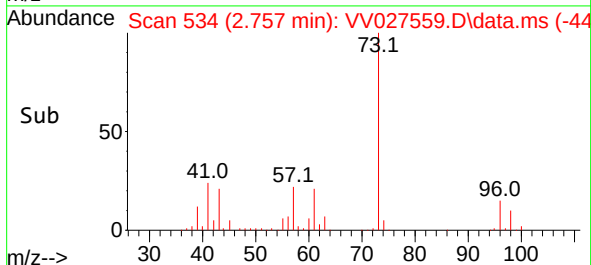
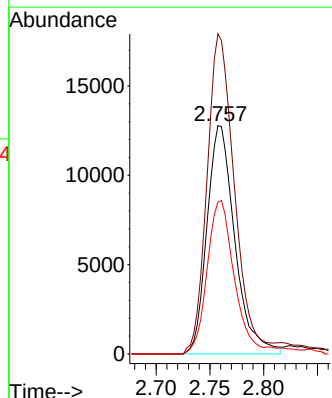
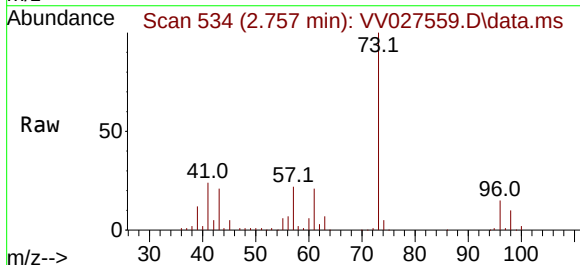
Tgt Ion: 96 Resp: 23032

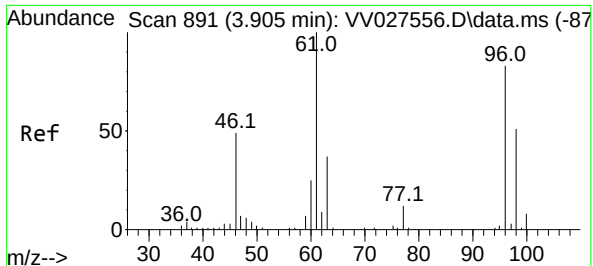
Ion Ratio Lower Upper

96 100

61 140.2 97.6 181.4

98 66.5 45.9 85.3

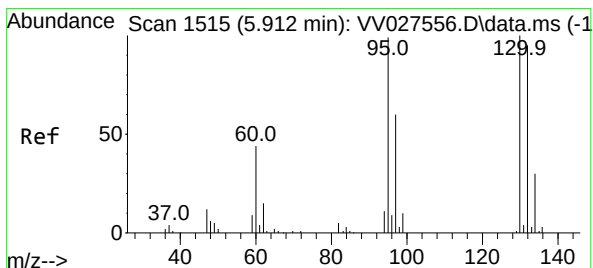
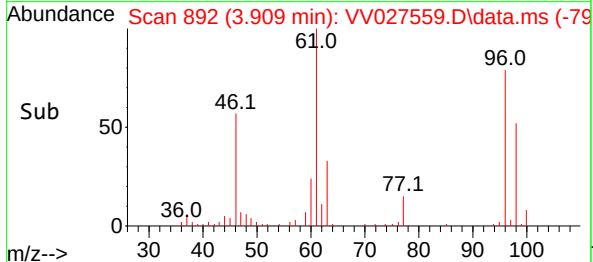
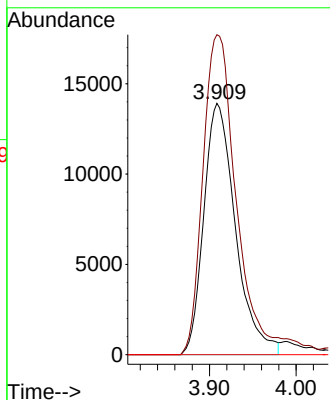
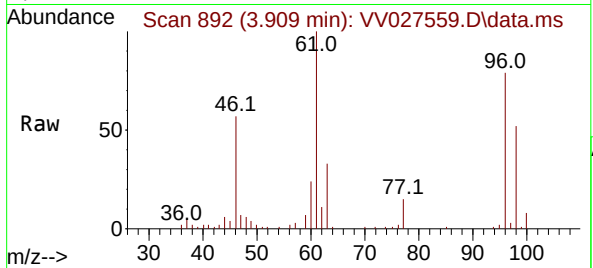




#22
cis-1,2-Dichloroethene
Concen: 2.962 ug/L
RT: 3.909 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV027559.D
Acq: 29 Aug 2022 13:55

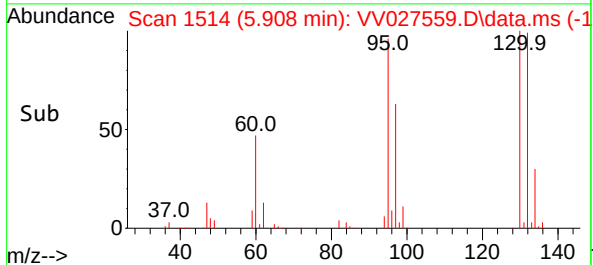
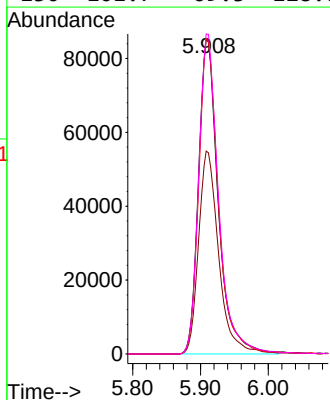
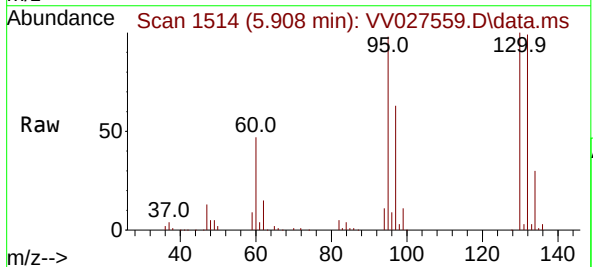
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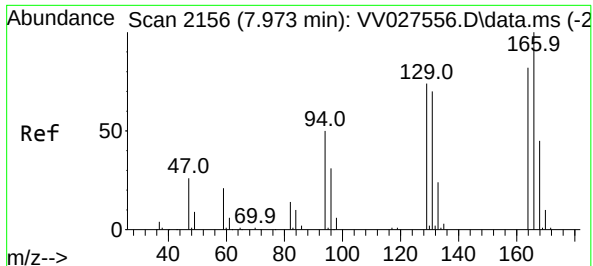
Tgt Ion: 96 Resp: 35407
Ion Ratio Lower Upper
96 100
61 127.3 90.6 168.2
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 14.814 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV027559.D
Acq: 29 Aug 2022 13:55

Tgt Ion: 95 Resp: 173221
Ion Ratio Lower Upper
95 100
97 64.5 45.0 83.6
132 100.3 65.7 121.9
130 101.7 69.3 128.7





#47
 Tetrachloroethene
 Concen: 6.910 ug/L
 RT: 7.973 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027559.D
 Acq: 29 Aug 2022 13:55

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E78

Tgt Ion:	164	Resp:	62951
Ion	Ratio	Lower	Upper
164	100		
129	95.8	71.1	132.1
131	93.4	64.5	119.9
166	125.5	89.4	166.0

