

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
 Data File : VV027646.D
 Acq On : 01 Sep 2022 03:58
 Operator : SY/MD
 Sample : N4370-15DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5F47DL

Quant Time: Sep 01 05:01:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 02:22:45 2022
 Response via : Initial Calibration

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

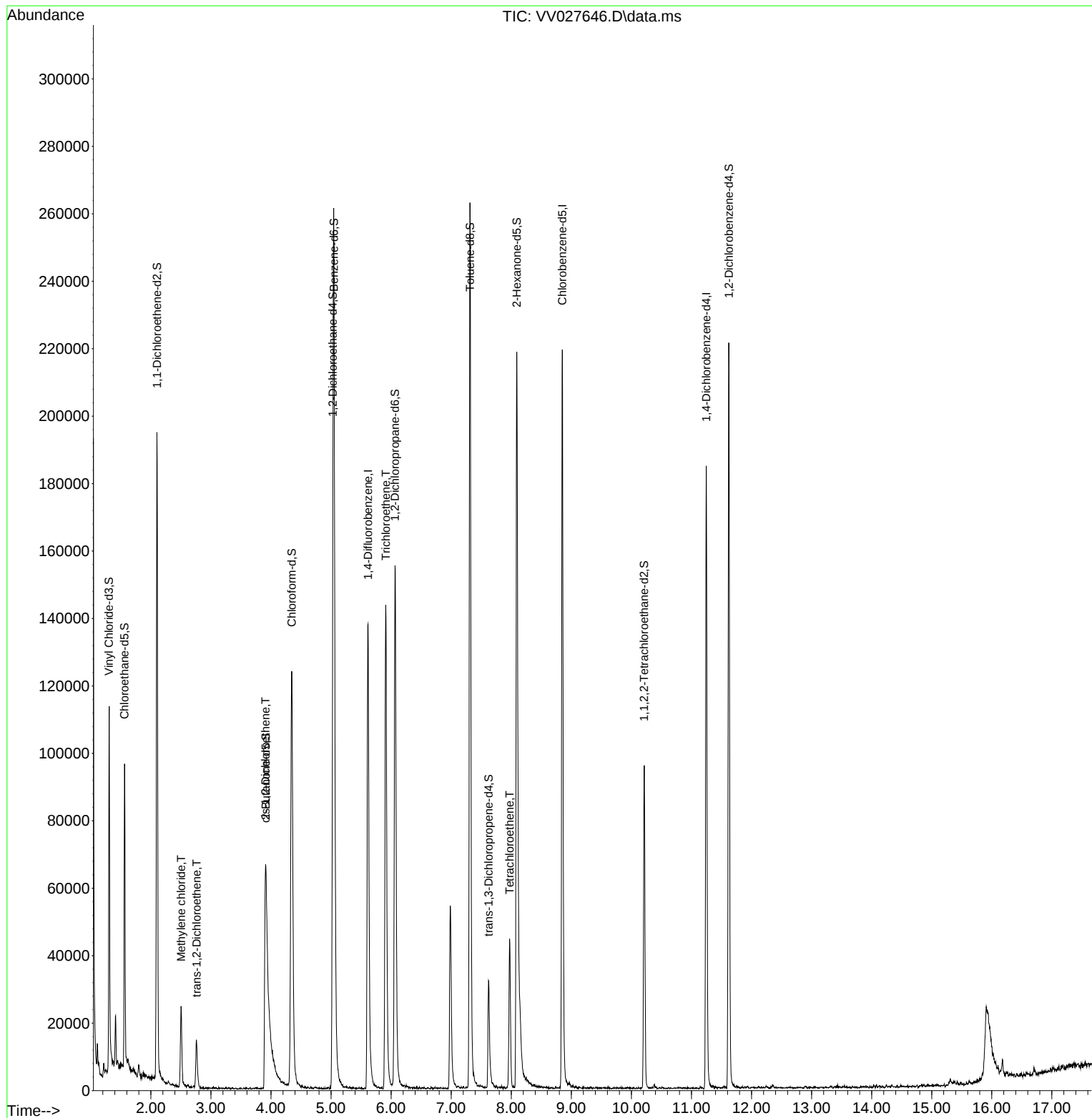
Internal Standards							
1) 1,4-Difluorobenzene		5.616	114	119854	5.000	ug/L	0.00
28) Chlorobenzene-d5		8.850	117	121261	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.246	152	47590	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.304	65	65127	5.002	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.000%	
7) Chloroethane-d5		1.561	69	57216	5.252	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.000%	
11) 1,1-Dichloroethene-d2		2.101	63	102690	4.030	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%	
20) 2-Butanone-d5		3.912	46	98831	44.894	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.780%	
24) Chloroform-d		4.346	84	131904	5.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%	
26) 1,2-Dichloroethane-d4		5.031	65	62760	5.360	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%	
32) Benzene-d6		5.047	84	232965	4.690	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%	
36) 1,2-Dichloropropane-d6		6.066	67	73996	4.816	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%	
41) Toluene-d8		7.313	98	178201	4.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%	
43) trans-1,3-Dichloroprop...		7.622	79	20114	4.250	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%	
46) 2-Hexanone-d5		8.092	63	74604	41.915	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.840%	
56) 1,1,2,2-Tetrachloroeth...		10.214	84	46040	4.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%	
66) 1,2-Dichlorobenzene-d4		11.622	152	56099	5.265	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%	
Target Compounds							
16) Methylene chloride		2.503	84	9199	0.729	ug/L	96
18) trans-1,2-Dichloroethene		2.761	96	4832	0.426	ug/L	95
22) cis-1,2-Dichloroethene		3.908	96	12950	1.144	ug/L	87
34) Trichloroethene		5.912	95	51015	4.388	ug/L	99
47) Tetrachloroethene		7.973	164	9993	1.060	ug/L	98

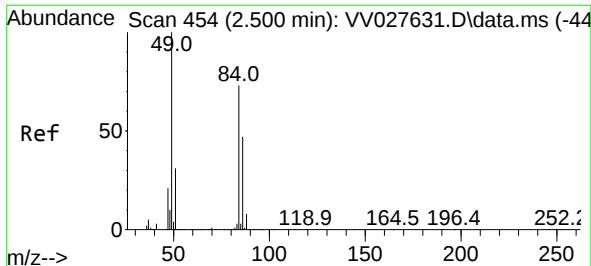
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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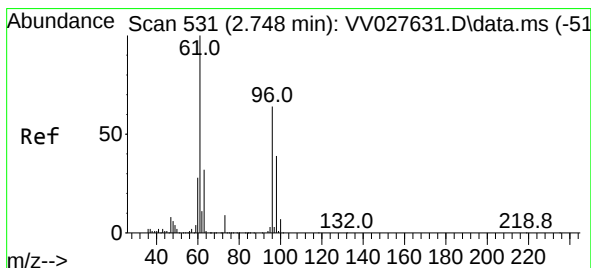
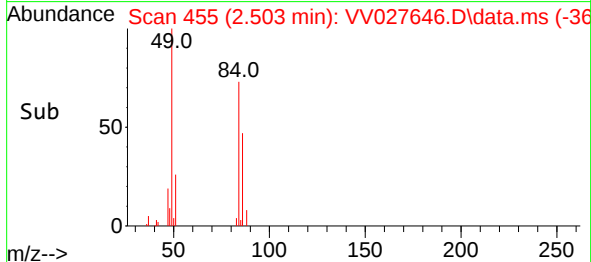
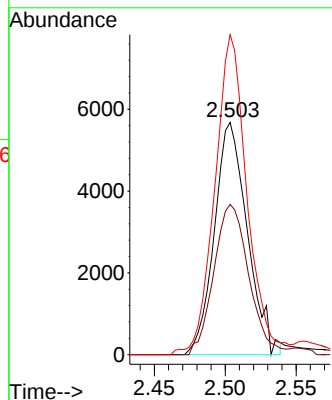
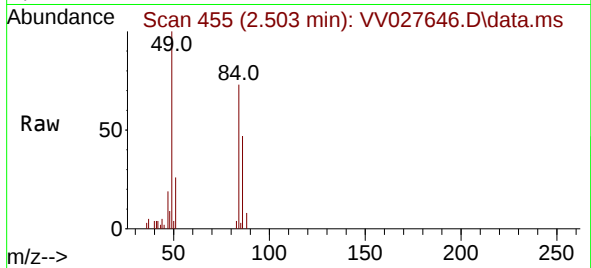




#16
Methylene chloride
Concen: 0.729 ug/L
RT: 2.503 min Scan# 411
Delta R.T. 0.003 min
Lab File: VV027646.D
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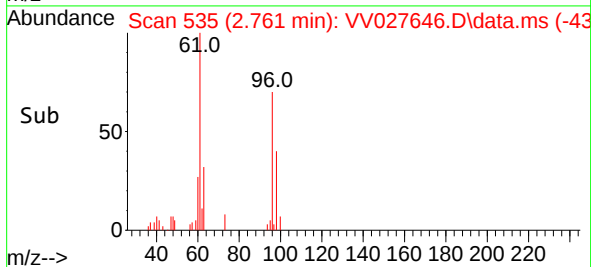
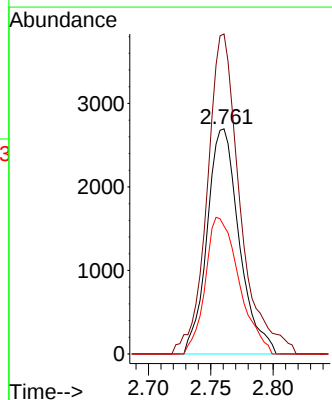
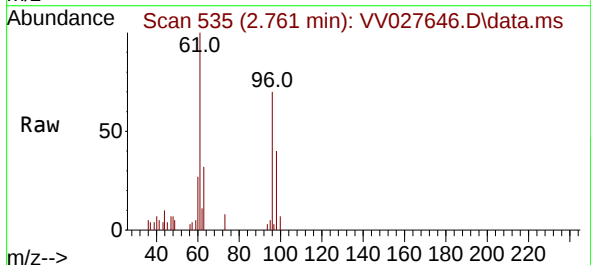
Instrument :
MSVOA_V
ClientSampleId :
F5F47DL

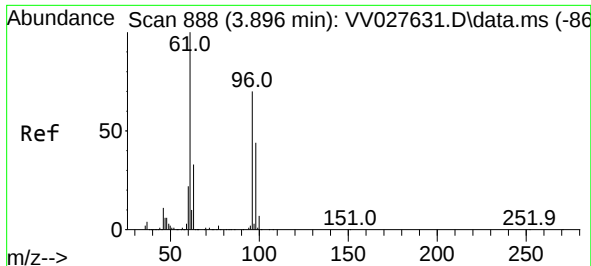
Tgt Ion: 84 Resp: 9199
Ion Ratio Lower Upper
84 100
86 64.6 43.9 81.5
49 137.7 92.5 171.7



#18
trans-1,2-Dichloroethene
Concen: 0.426 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.013 min
Lab File: VV027646.D
Acq: 01 Sep 2022 03:58

Tgt Ion: 96 Resp: 4832
Ion Ratio Lower Upper
96 100
61 142.1 101.8 189.0
98 56.8 44.9 83.3

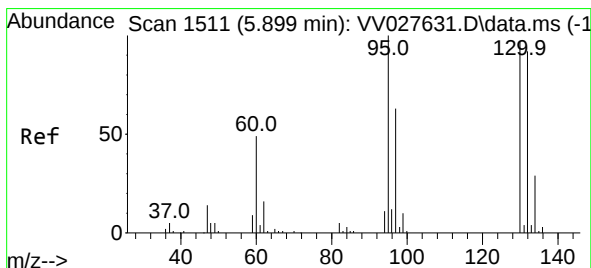
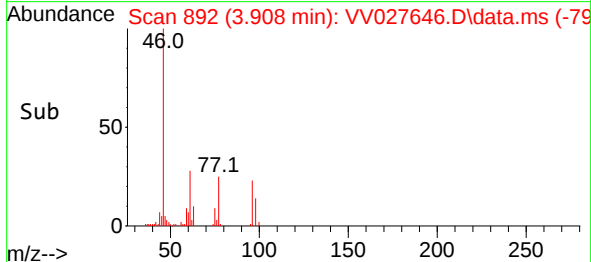
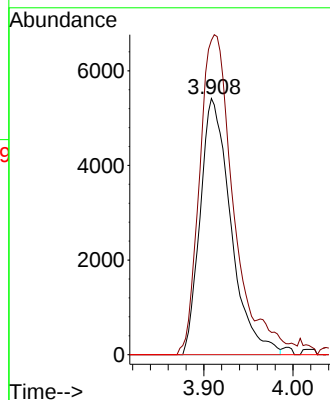
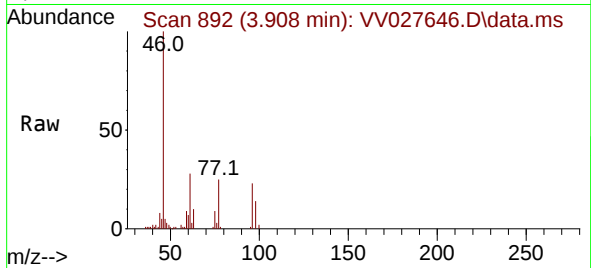




#22
 cis-1,2-Dichloroethene
 Concen: 1.144 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.013 min
 Lab File: VV027646.D
 Acq: 01 Sep 2022 03:58

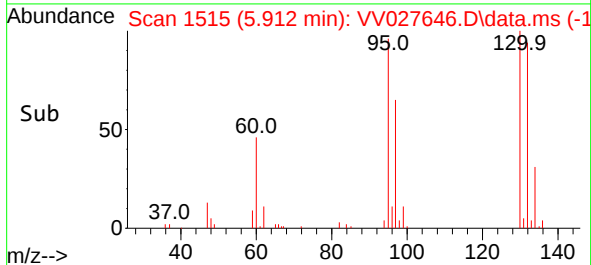
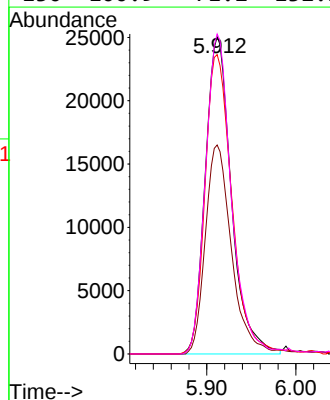
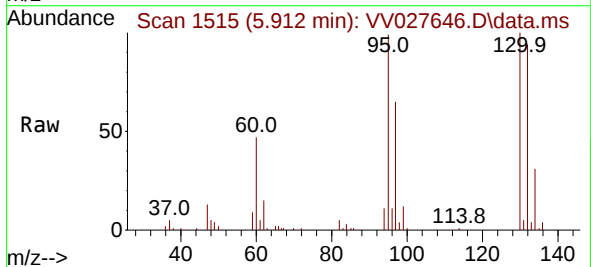
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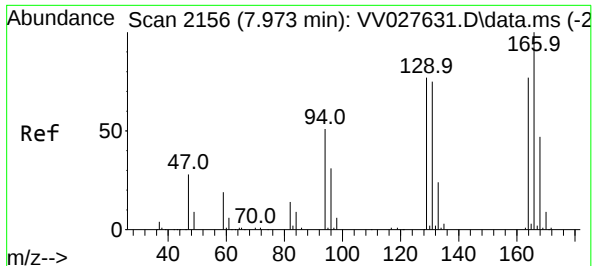
Tgt Ion: 96 Resp: 12950
 Ion Ratio Lower Upper
 96 100
 61 122.7 96.9 180.1
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 4.388 ug/L
 RT: 5.912 min Scan# 1515
 Delta R.T. 0.013 min
 Lab File: VV027646.D
 Acq: 01 Sep 2022 03:58

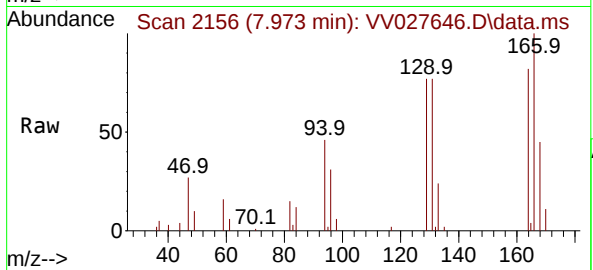
Tgt Ion: 95 Resp: 51015
 Ion Ratio Lower Upper
 95 100
 97 65.9 46.1 85.5
 132 94.4 67.3 125.1
 130 100.9 71.2 132.2





#47
 Tetrachloroethene
 Concen: 1.060 ug/L
 RT: 7.973 min Scan# 2156
 Delta R.T. 0.000 min
 Lab File: VV027646.D
 Acq: 01 Sep 2022 03:58

Instrument :
 MSVOA_V
 ClientSampleId :
 F5F47DL



Tgt Ion:	164	Resp:	9993
Ion	Ratio	Lower	Upper
164	100		
129	93.6	65.9	122.3
131	93.5	64.5	119.7
166	121.7	88.8	165.0

