

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100322\
 Data File : VV028302.D
 Acq On : 04 Oct 2022 00:52
 Operator : SY/MD
 Sample : N4866-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFQ4

Quant Time: Oct 04 06:17:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

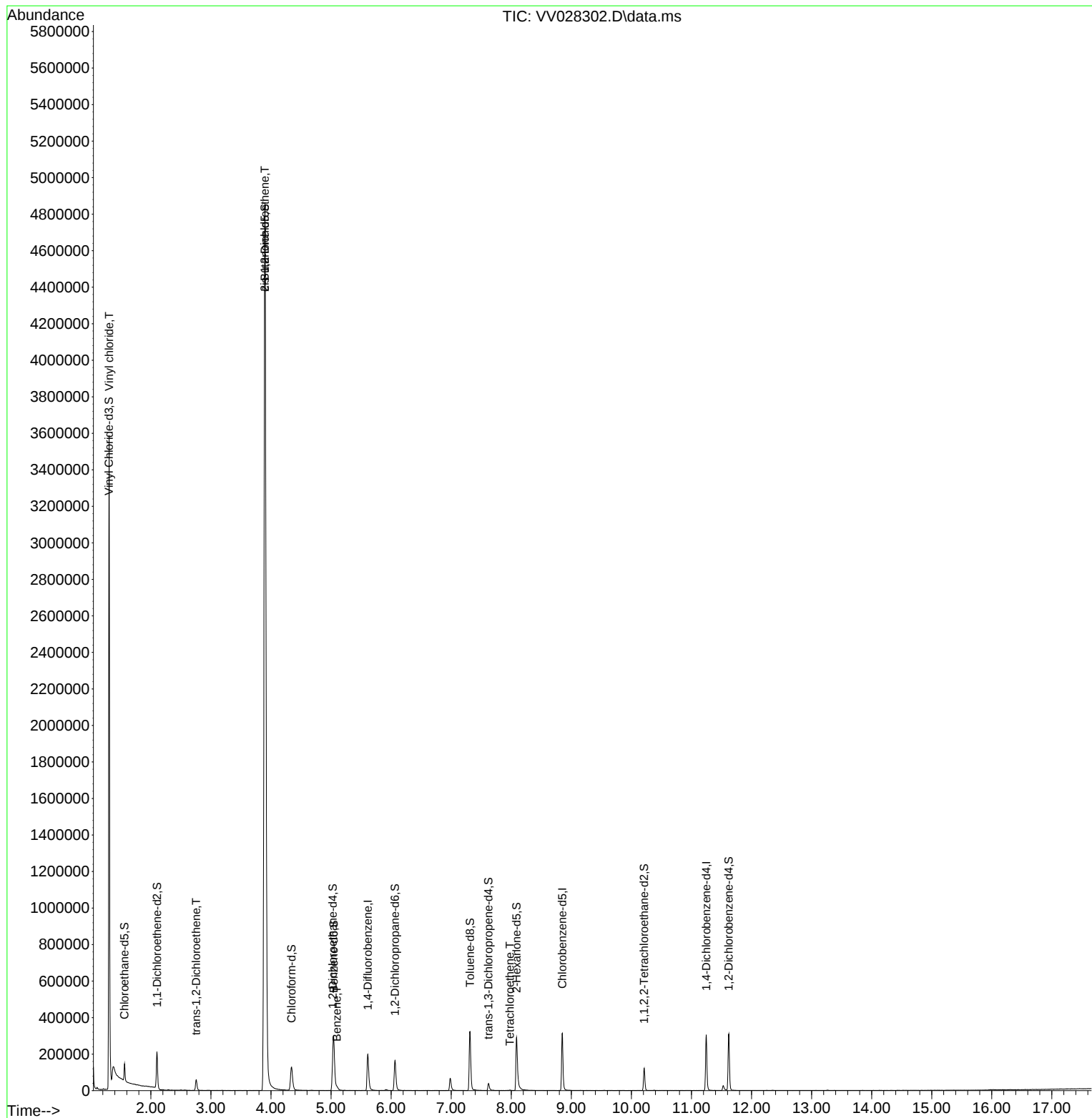
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	182025	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	186290	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	86877	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	85655	6.263	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	125.200%
7) Chloroethane-d5	1.561	69	60546	5.229	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	2.101	63	98782	3.832	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	3.896	46	146571	63.338	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.680%
24) Chloroform-d	4.342	84	139777	5.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.800%
26) 1,2-Dichloroethane-d4	5.027	65	64677	5.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.600%
32) Benzene-d6	5.043	84	283098	5.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.800%
36) 1,2-Dichloropropane-d6	6.066	67	84654	5.775	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.400%
41) Toluene-d8	7.313	98	232260	4.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	7.619	79	25557	4.577	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.088	63	118468	51.839	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.680%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	60709	5.463	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	11.619	152	88883	5.945	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.304	62	2200596	140.843	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	23568	1.733	ug/L	91
22) cis-1,2-Dichloroethene	3.899	96	2807576	205.000	ug/L	96
33) Benzene	5.095	78	17082	0.308	ug/L	100
47) Tetrachloroethene	7.979	164	561	0.046	ug/L #	71

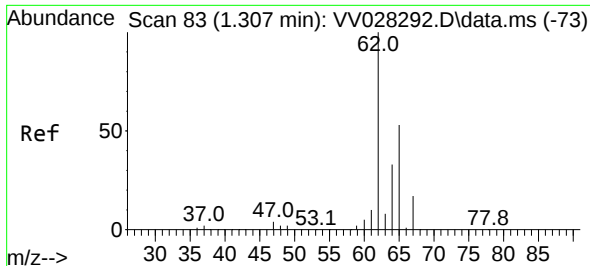
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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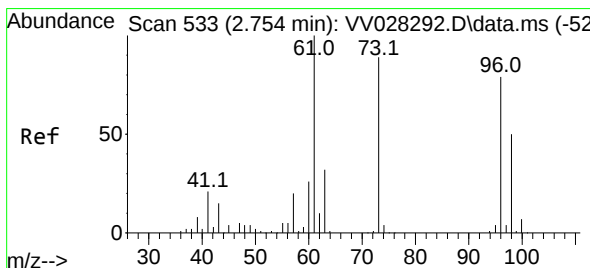
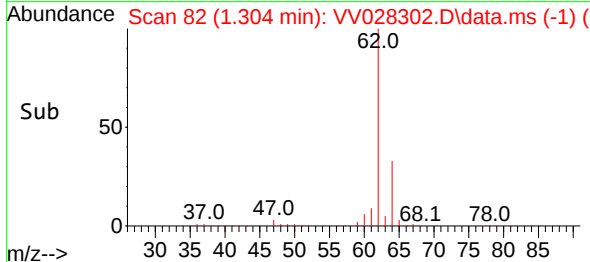
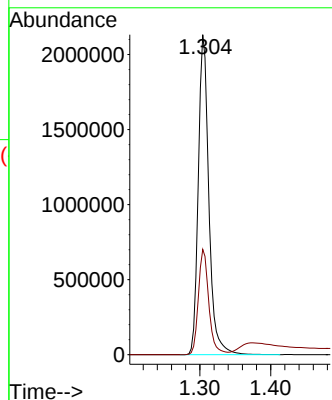
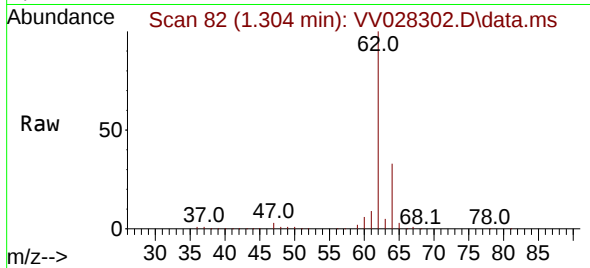




#5
 Vinyl chloride
 Concen: 140.843 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028302.D
 Acq: 04 Oct 2022 00:52

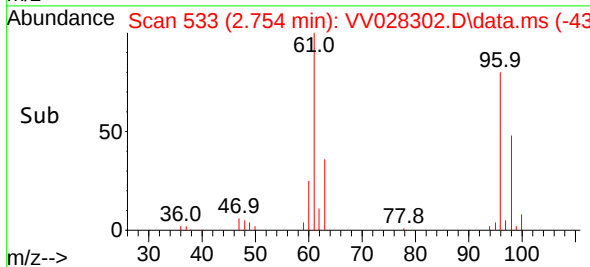
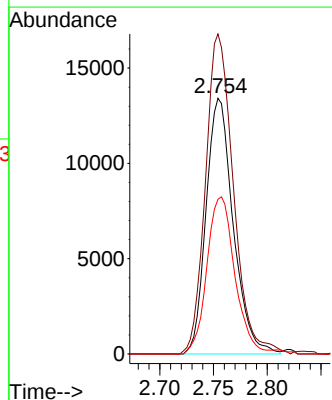
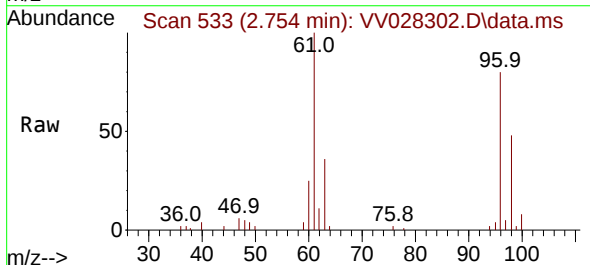
Instrument :
 MSVOA_V
 ClientSampleId :
 EXFQ4

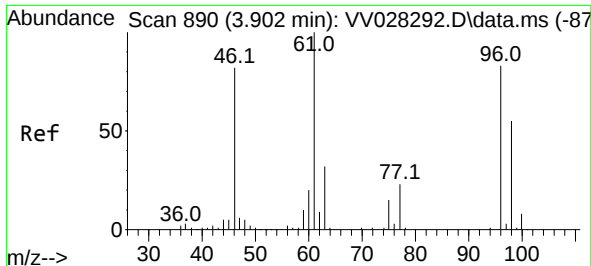
Tgt Ion: 62 Resp: 2200596
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.0 42.8



#18
 trans-1,2-Dichloroethene
 Concen: 1.733 ug/L
 RT: 2.754 min Scan# 533
 Delta R.T. 0.003 min
 Lab File: VV028302.D
 Acq: 04 Oct 2022 00:52

Tgt Ion: 96 Resp: 23568
 Ion Ratio Lower Upper
 96 100
 61 125.1 96.2 178.6
 98 60.5 45.7 84.9





#22

cis-1,2-Dichloroethene

Concen: 205.000 ug/L

RT: 3.899 min Scan# 81

Delta R.T. -0.006 min

Lab File: VV028302.D

Acq: 04 Oct 2022 00:52

Instrument :

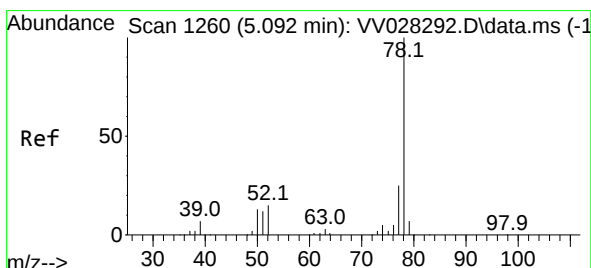
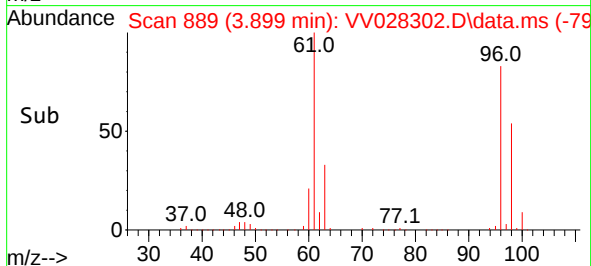
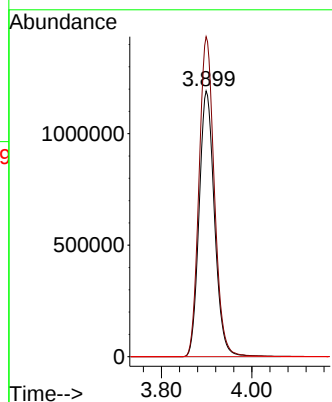
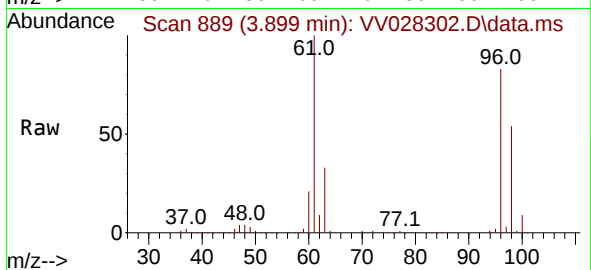
MSVOA_V

ClientSampleId :

EXFQ4

Tgt Ion: 96 Resp: 2807576

Ion	Ratio	Lower	Upper
96	100		
61	120.4	87.2	161.9
68	0.0	0.0	0.0



#33

Benzene

Concen: 0.308 ug/L

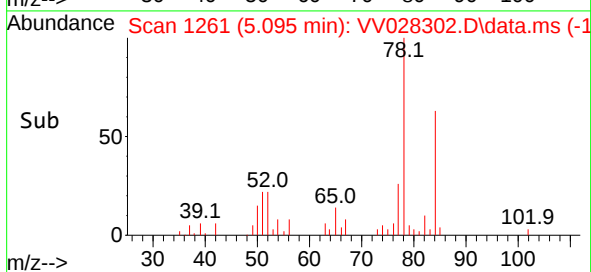
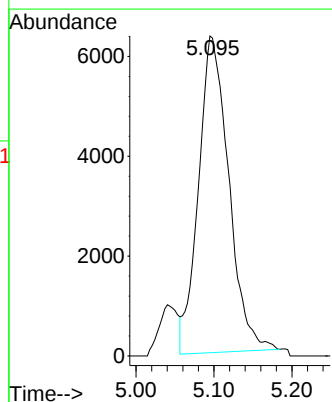
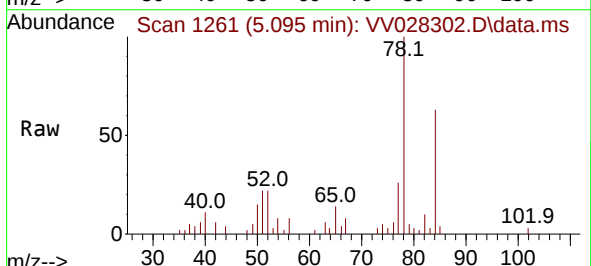
RT: 5.095 min Scan# 1261

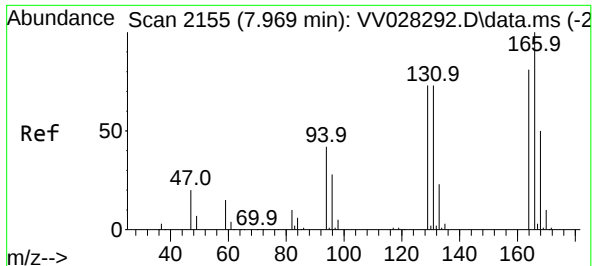
Delta R.T. 0.003 min

Lab File: VV028302.D

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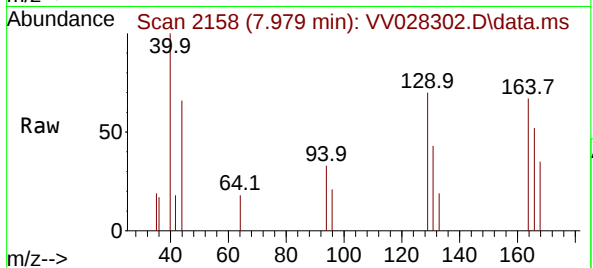
Tgt Ion: 78 Resp: 17082





#47
Tetrachloroethene
Concen: 0.046 ug/L
RT: 7.979 min Scan# 2155
Delta R.T. 0.010 min
Lab File: VV028302.D
Acq: 04 Oct 2022 00:52

Instrument :
MSVOA_V
ClientSampleId :
EXFQ4



Tgt Ion:164 Resp: 561

Ion	Ratio	Lower	Upper
164	100		
129	104.3	66.7	123.9
131	63.6	61.7	114.5
166	77.8	90.9	168.9#

