

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
 Data File : VX025221.D
 Acq On : 18 Nov 2021 19:57
 Operator : JC/MD
 Sample : M4677-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 H0AB3

Quant Time: Nov 19 05:30:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 19 05:25:45 2021
 Response via : Initial Calibration

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

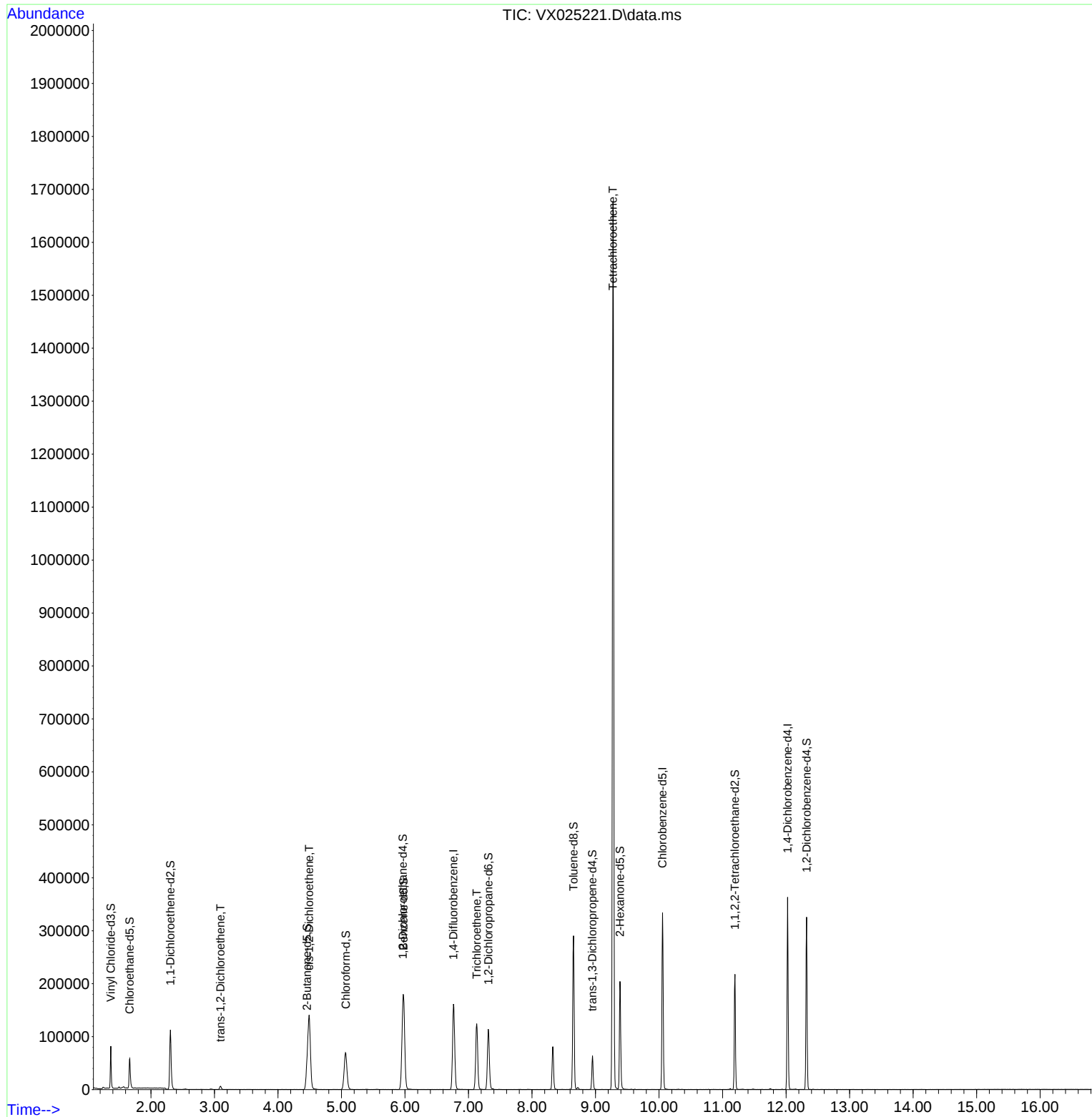
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	173407	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	158634	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	75471	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	47014	40.131	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.260%
7) Chloroethane-d5	1.666	69	41050	61.482	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.960%
11) 1,1-Dichloroethene-d2	2.306	63	60333	29.944	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.880%#
21) 2-Butanone-d5	4.459	46	79291	89.564	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.560%
24) Chloroform-d	5.068	84	88389	42.888	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.780%
26) 1,2-Dichloroethane-d4	5.964	65	56010	44.836	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.680%
32) Benzene-d6	5.977	84	184951	42.718	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.440%
36) 1,2-Dichloropropane-d6	7.312	67	56786	42.955	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.900%
41) Toluene-d8	8.653	98	171940	41.585	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.180%
43) trans-1,3-Dichloroprop...	8.952	79	28058	39.097	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.200%
47) 2-Hexanone-d5	9.384	63	61162	86.156	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.160%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	81312	42.704	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.400%
66) 1,2-Dichlorobenzene-d4	12.323	152	67598	45.183	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.360%
Target Compounds						
17) trans-1,2-Dichloroethene	3.093	96	2693	2.243	ug/L	86
20) cis-1,2-Dichloroethene	4.489	96	83309	62.707	ug/L	99
34) Trichloroethene	7.129	95	46227	36.296	ug/L	81
46) Tetrachloroethene	9.275	164	326085	306.874	ug/L	90

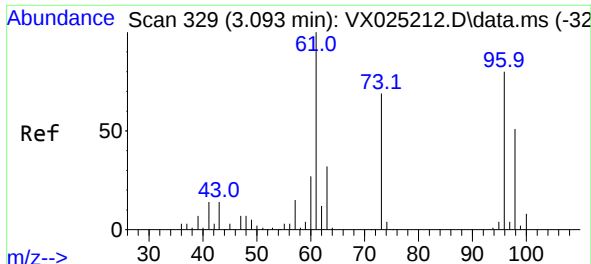
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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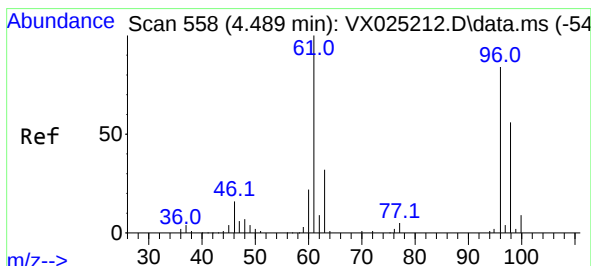
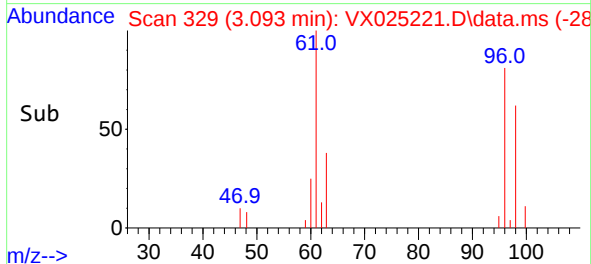
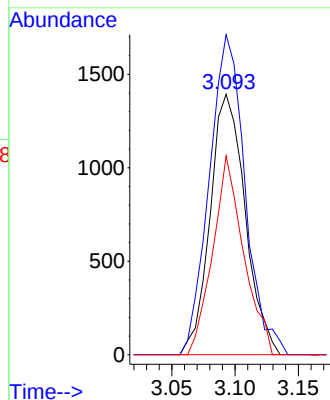
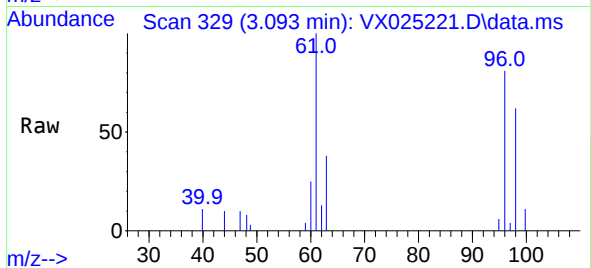




#17
trans-1,2-Dichloroethene
Concen: 2.243 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX025221.D
Acq: 18 Nov 2021 19:57

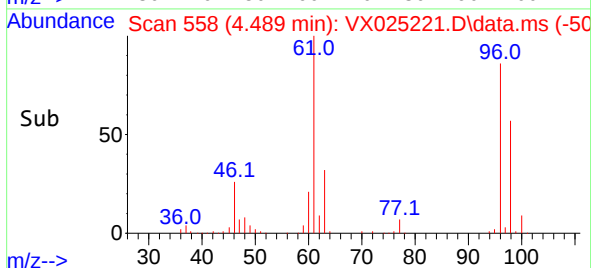
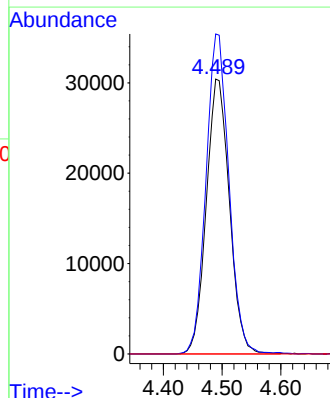
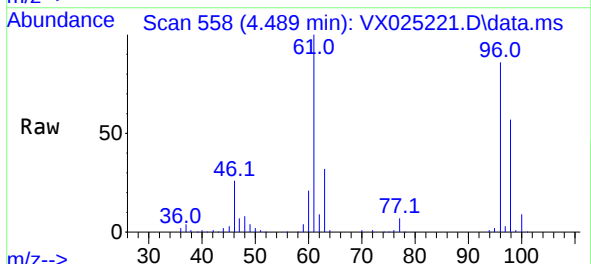
Instrument :
MSVOA_X
ClientSampleId :
H0AB3

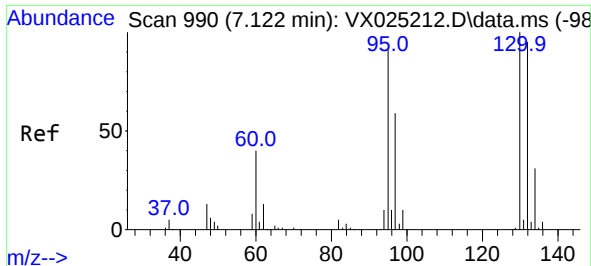
Tgt Ion: 96 Resp: 2693
Ion Ratio Lower Upper
96 100
61 122.9 99.4 184.6
98 76.3 47.0 87.2



#20
cis-1,2-Dichloroethene
Concen: 62.707 ug/L
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX025221.D
Acq: 18 Nov 2021 19:57

Tgt Ion: 96 Resp: 83309
Ion Ratio Lower Upper
96 100
61 116.4 82.6 153.4
68 0.0 0.0 0.0



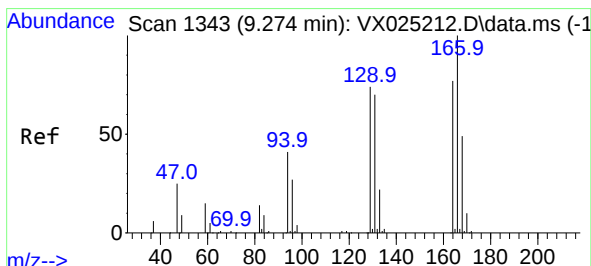
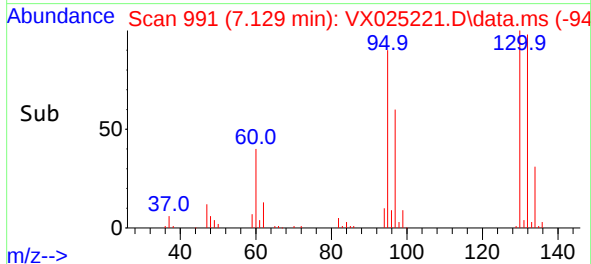
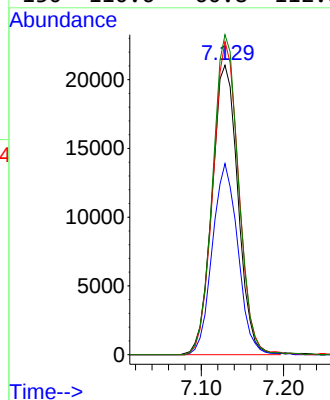
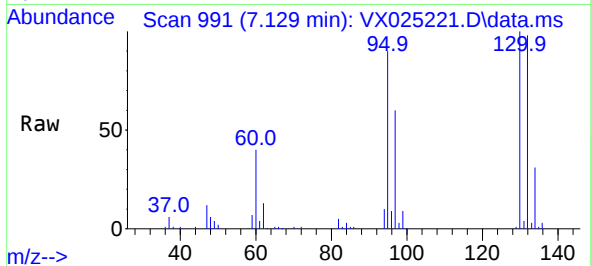


#34
Trichloroethene
Concen: 36.296 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX025221.D
Acq: 18 Nov 2021 19:57

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Tgt Ion: 95 Resp: 46227

Ion	Ratio	Lower	Upper
95	100		
97	66.0	44.2	82.2
132	108.2	60.1	111.5
130	110.6	60.8	112.8



#46
Tetrachloroethene
Concen: 306.874 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX025221.D
Acq: 18 Nov 2021 19:57

Tgt Ion: 164 Resp: 326085

Ion	Ratio	Lower	Upper
164	100		
129	92.7	78.5	145.7
131	90.0	70.5	130.9
166	125.0	88.3	164.1

