

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
 Data File : VX025223.D
 Acq On : 18 Nov 2021 20:44
 Operator : JC/MD
 Sample : M4677-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 H0AB5

Quant Time: Nov 19 05:30:32 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)

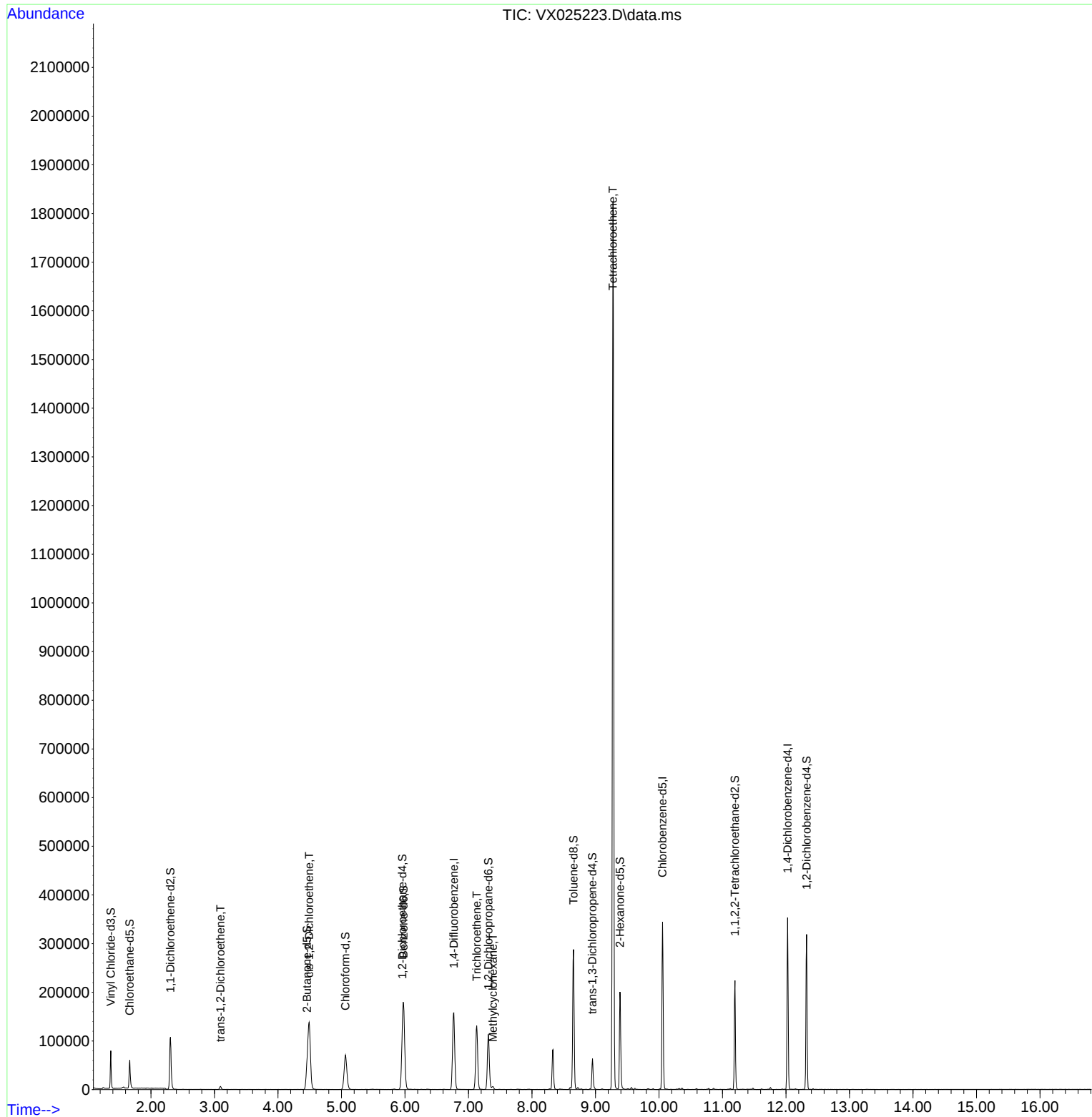
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	174286	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	159038	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	75934	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	46269	39.296	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.600%
7) Chloroethane-d5	1.666	69	40217	59.931	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	119.860%
11) 1,1-Dichloroethene-d2	2.307	63	60392	29.822	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.640%#
21) 2-Butanone-d5	4.459	46	79129	88.931	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.930%
24) Chloroform-d	5.062	84	88407	42.680	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.360%
26) 1,2-Dichloroethane-d4	5.958	65	55964	44.574	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.140%
32) Benzene-d6	5.977	84	184021	42.395	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.780%
36) 1,2-Dichloropropane-d6	7.312	67	56866	42.906	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.820%
41) Toluene-d8	8.653	98	171885	41.466	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.940%
43) trans-1,3-Dichloroprop...	8.952	79	27980	38.889	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.780%
47) 2-Hexanone-d5	9.385	63	60738	85.341	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.340%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	80596	42.220	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.440%
66) 1,2-Dichlorobenzene-d4	12.323	152	67725	44.992	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.980%
Target Compounds						
17) trans-1,2-Dichloroethene	3.093	96	2778	2.302	ug/L	83
20) cis-1,2-Dichloroethene	4.489	96	83647	62.644	ug/L	99
34) Trichloroethene	7.129	95	48122	37.688	ug/L	85
35) Methylcyclohexane	7.385	83	2683	1.243	ug/L	93
46) Tetrachloroethene	9.275	164	354781	333.032	ug/L	91

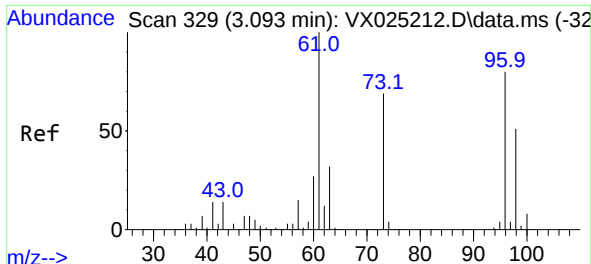
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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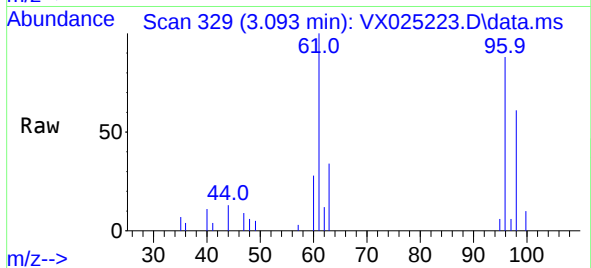
Quant Time: Nov 19 05:30:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
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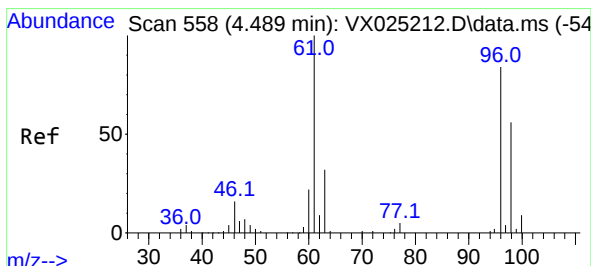
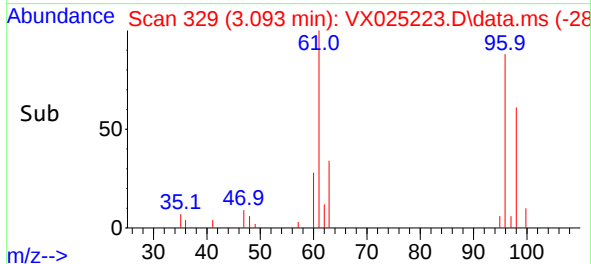
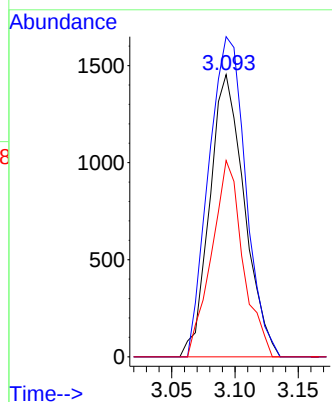


#17
trans-1,2-Dichloroethene
Concen: 2.302 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX025223.D
Acq: 18 Nov 2021 20:44

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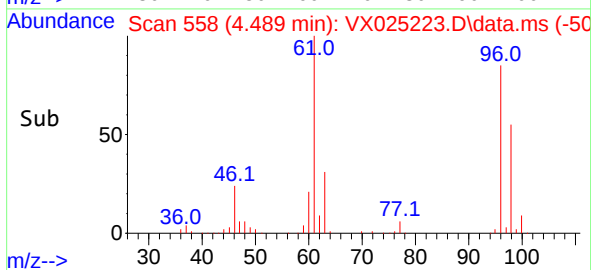
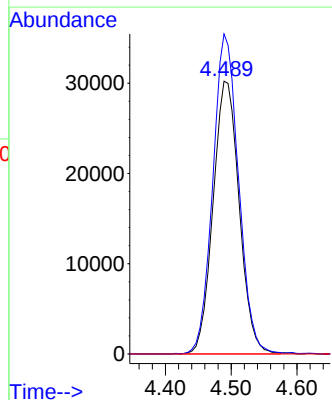
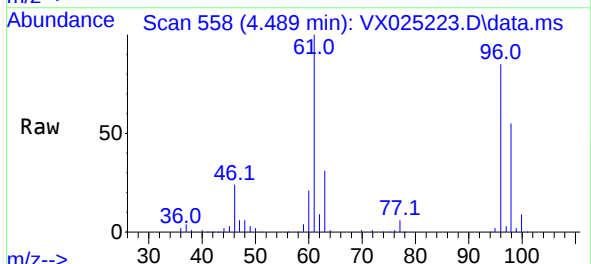


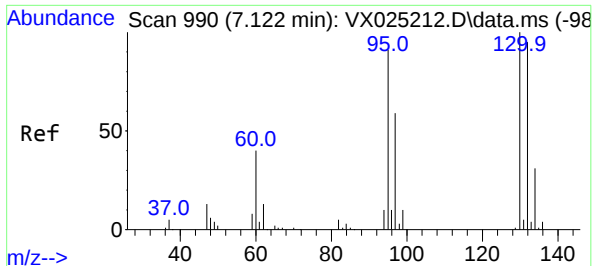
Tgt Ion: 96 Resp: 2778
Ion Ratio Lower Upper
96 100
61 113.4 99.4 184.6
98 69.5 47.0 87.2



#20
cis-1,2-Dichloroethene
Concen: 62.644 ug/L
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX025223.D
Acq: 18 Nov 2021 20:44

Tgt Ion: 96 Resp: 83647
Ion Ratio Lower Upper
96 100
61 117.3 82.6 153.4
68 0.0 0.0 0.0

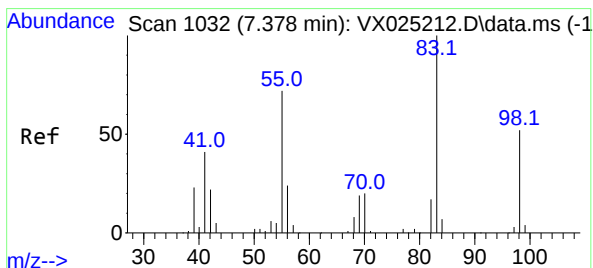
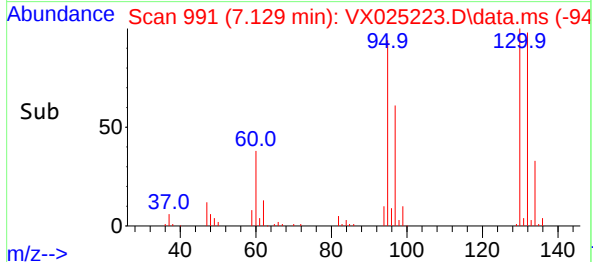
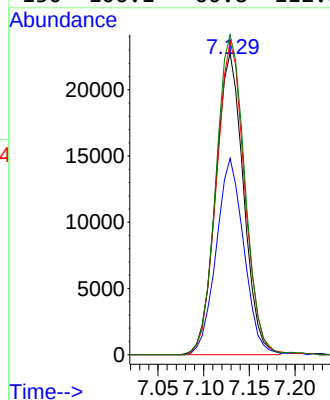
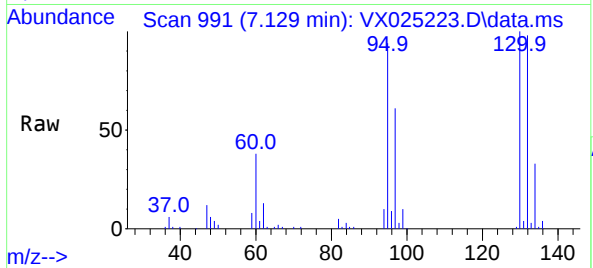




#34
Trichloroethene
Concen: 37.688 ug/L
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX025223.D
Acq: 18 Nov 2021 20:44

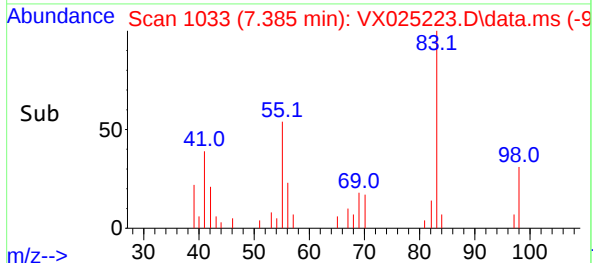
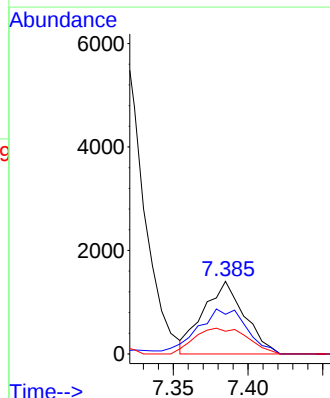
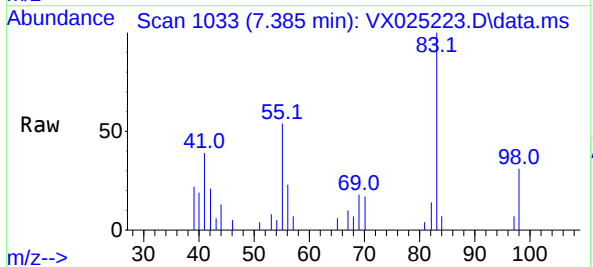
Instrument :
MSVOA_X
ClientSampleId :
H0AB5

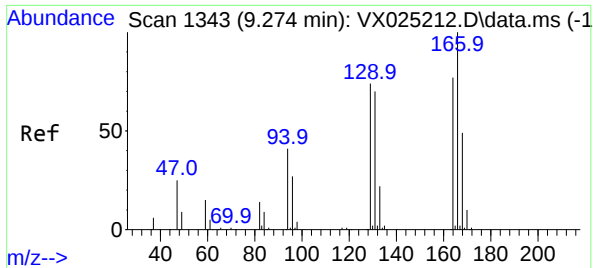
Tgt Ion: 95 Resp: 48122
Ion Ratio Lower Upper
95 100
97 65.1 44.2 82.2
132 103.8 60.1 111.5
130 106.1 60.8 112.8



#35
Methylcyclohexane
Concen: 1.243 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX025223.D
Acq: 18 Nov 2021 20:44

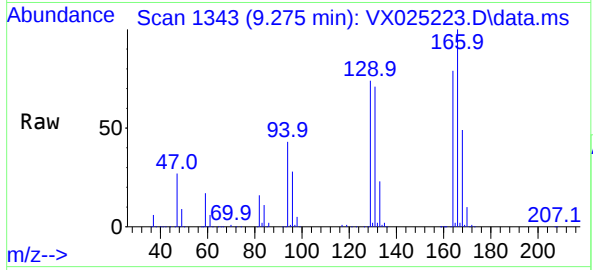
Tgt Ion: 83 Resp: 2683
Ion Ratio Lower Upper
83 100
55 73.9 52.6 79.0
98 45.9 37.9 56.9





#46
 Tetrachloroethene
 Concen: 333.032 ug/L
 RT: 9.275 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX025223.D
 Acq: 18 Nov 2021 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 H0AB5



Tgt Ion:164 Resp: 354781

Ion	Ratio	Lower	Upper
164	100		
129	92.9	78.5	145.7
131	89.8	70.5	130.9
166	125.9	88.3	164.1

