

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121021\
 Data File : VX025704.D
 Acq On : 10 Dec 2021 16:14
 Operator : JC/MD
 Sample : M4888-14ME
 Misc : 3.78g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EX8B9ME

Quant Time: Dec 10 23:34:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 10 23:31:21 2021
 Response via : Initial Calibration

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

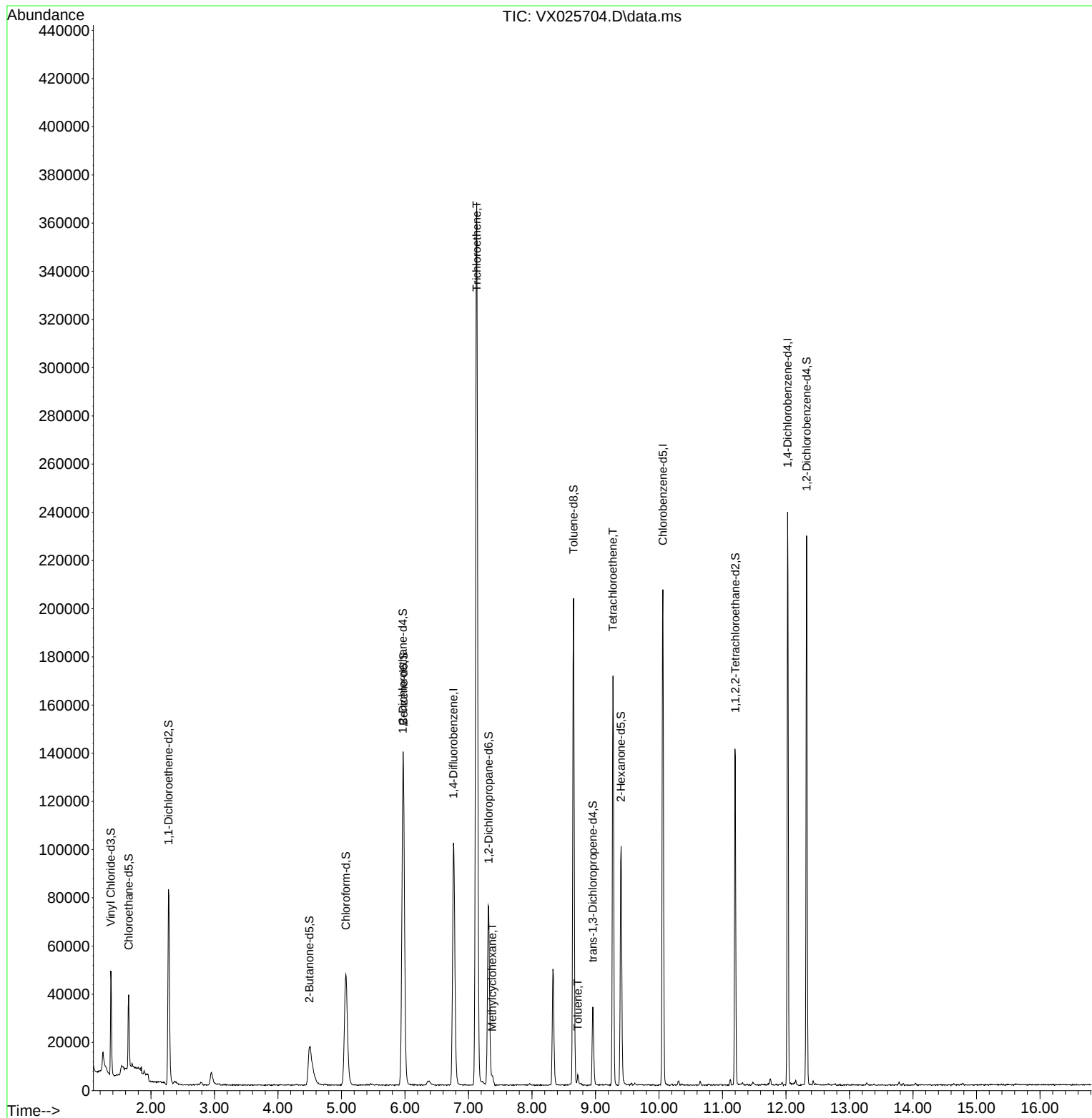
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	114314	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	103743	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	49924	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	31040	39.788	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.580%
7) Chloroethane-d5	1.648	69	19916	30.931	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.860%#
11) 1,1-Dichloroethene-d2	2.276	63	48329	38.853	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.700%
21) 2-Butanone-d5	4.495	46	47957	82.580	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.580%
24) Chloroform-d	5.068	84	60575	44.427	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.860%
26) 1,2-Dichloroethane-d4	5.964	65	41372	48.681	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.360%
32) Benzene-d6	5.977	84	133694	48.625	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.240%
36) 1,2-Dichloropropane-d6	7.318	67	39609	46.529	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.060%
41) Toluene-d8	8.653	98	120964	46.610	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.220%
43) trans-1,3-Dichloroprop...	8.958	79	17023	39.774	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.540%
47) 2-Hexanone-d5	9.403	63	33742	76.145	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.150%
56) 1,1,2,2-Tetrachloroeth...	11.201	84	53314	44.314	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.620%
66) 1,2-Dichlorobenzene-d4	12.323	152	46209	47.191	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.380%
Target Compounds						
					Qvalue	
34) Trichloroethene	7.129	95	142275	195.176	ug/L	97
35) Methylcyclohexane	7.373	83	1389	1.211	ug/L	89
42) Toluene	8.720	91	2695	0.882	ug/L	87
46) Tetrachloroethene	9.275	164	32713	52.916	ug/L	97

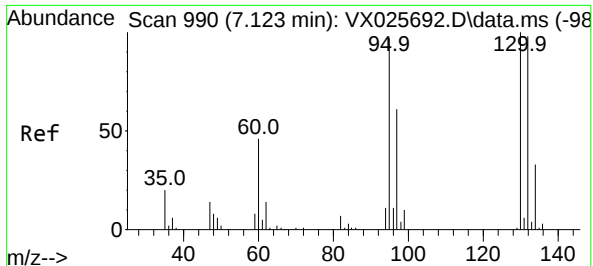
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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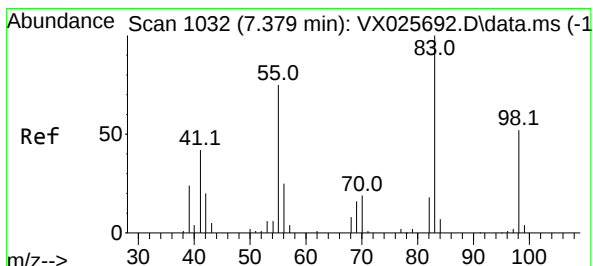
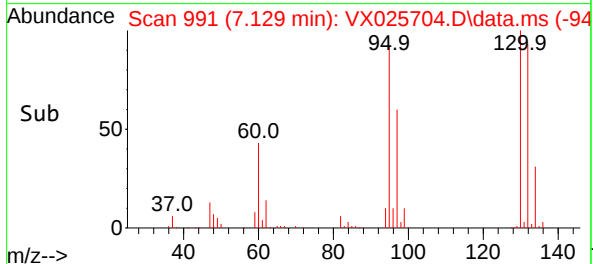
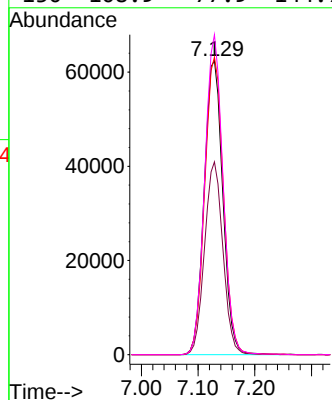
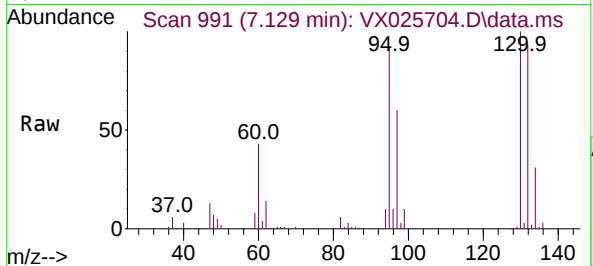




#34
Trichloroethene
Concen: 195.176 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX025704.D
Acq: 10 Dec 2021 16:14

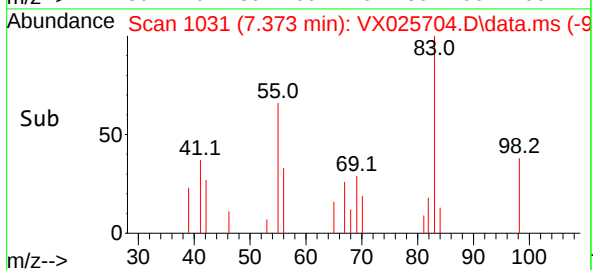
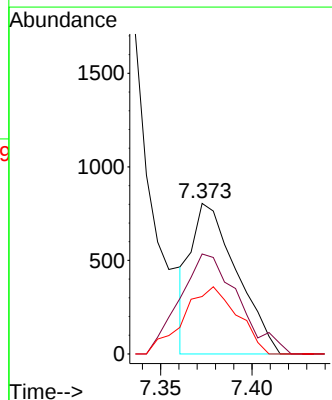
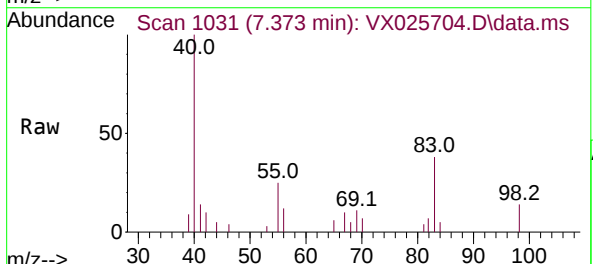
Instrument :
MSVOA_X
ClientSampleId :
EX8B9ME

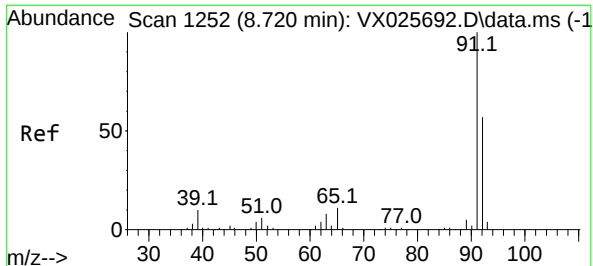
Tgt Ion: 95 Resp: 142275
Ion Ratio Lower Upper
95 100
97 65.6 46.0 85.4
132 101.3 75.0 139.2
130 108.9 77.9 144.7



#35
Methylcyclohexane
Concen: 1.211 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX025704.D
Acq: 10 Dec 2021 16:14

Tgt Ion: 83 Resp: 1389
Ion Ratio Lower Upper
83 100
55 85.5 57.3 85.9
98 53.2 41.1 61.7





#42

Toluene

Concen: 0.882 ug/L

RT: 8.720 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX025704.D

Acq: 10 Dec 2021 16:14

Instrument :

MSVOA_X

ClientSampleId :

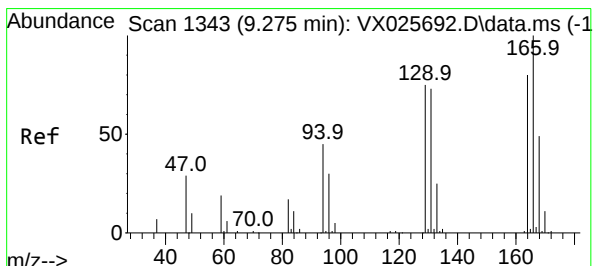
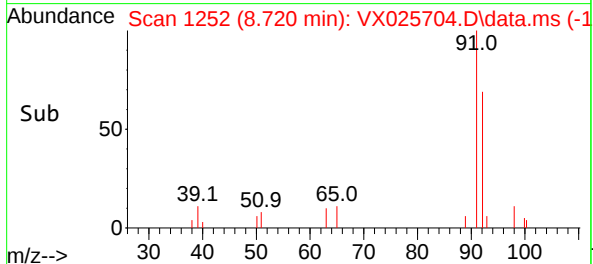
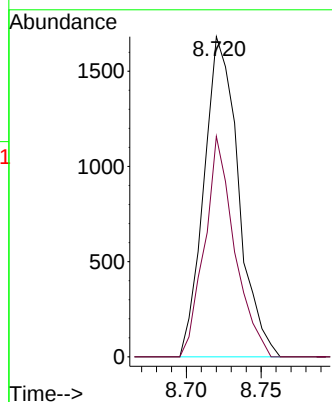
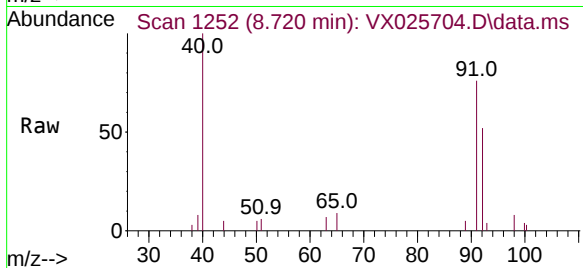
EX8B9ME

Tgt Ion: 91 Resp: 2695

Ion Ratio Lower Upper

91 100

92 68.8 41.2 76.6



#46

Tetrachloroethene

Concen: 52.916 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX025704.D

Acq: 10 Dec 2021 16:14

Tgt Ion: 164 Resp: 32713

Ion Ratio Lower Upper

164 100

129 96.4 64.7 120.1

131 92.2 63.2 117.4

166 126.6 90.1 167.3

