

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121021\
 Data File : VX025697.D
 Acq On : 10 Dec 2021 13:31
 Operator : JC/MD
 Sample : M5004-05
 Misc : 6.54g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BGKW4

Quant Time: Dec 10 23:32:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.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)

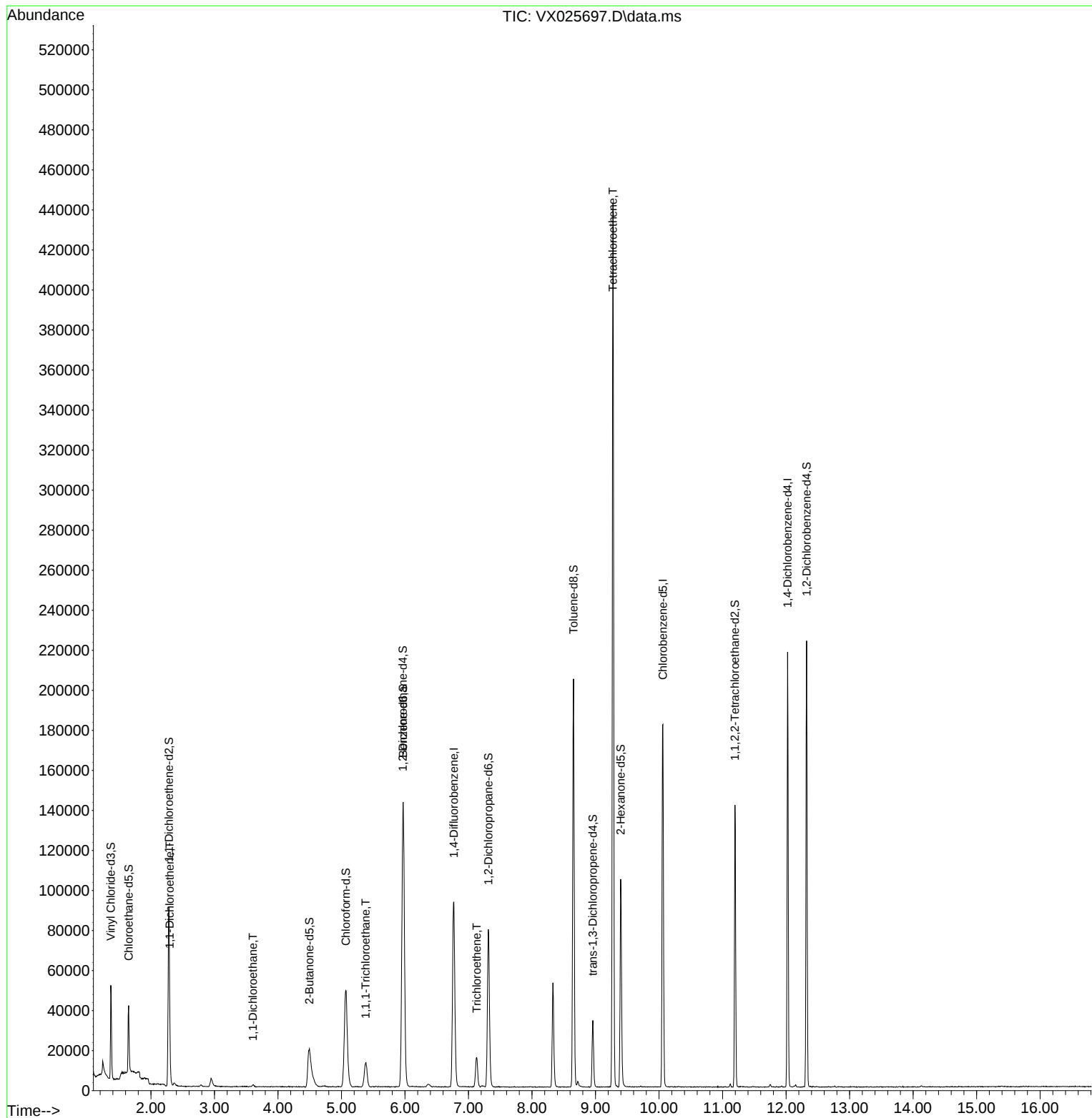
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	105152	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	93613	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	44981	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	32981	45.959	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.920%
7) Chloroethane-d5	1.648	69	20637	34.844	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.680%#
11) 1,1-Dichloroethene-d2	2.282	63	50974	44.550	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.100%
21) 2-Butanone-d5	4.495	46	46550	87.141	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.140%
24) Chloroform-d	5.068	84	62596	49.910	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.820%
26) 1,2-Dichloroethane-d4	5.964	65	42707	54.630	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.260%
32) Benzene-d6	5.971	84	136879	55.170	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.340%
36) 1,2-Dichloropropane-d6	7.312	67	39697	51.678	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.360%
41) Toluene-d8	8.653	98	123406	52.697	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.400%
43) trans-1,3-Dichloroprop...	8.958	79	17469	45.233	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.460%
47) 2-Hexanone-d5	9.397	63	32765	81.942	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.940%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	53446	49.231	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.460%
66) 1,2-Dichlorobenzene-d4	12.323	152	44911	50.906	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.820%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.294	96	1537	2.722	ug/L #	1
19) 1,1-Dichloroethane	3.605	63	1238	1.137	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	12197	11.803	ug/L	98
34) Trichloroethene	7.129	95	5471	8.317	ug/L	91
46) Tetrachloroethene	9.275	164	81343	145.817	ug/L	99

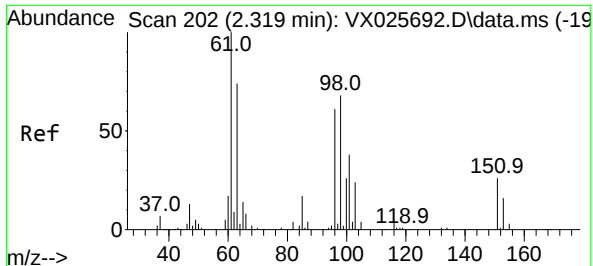
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#12

1,1-Dichloroethene

Concen: 2.722 ug/L

RT: 2.294 min Scan# 19

Delta R.T. -0.024 min

Lab File: VX025697.D

Acq: 10 Dec 2021 13:31

Instrument :

MSVOA_X

ClientSampleId :

BGKW4

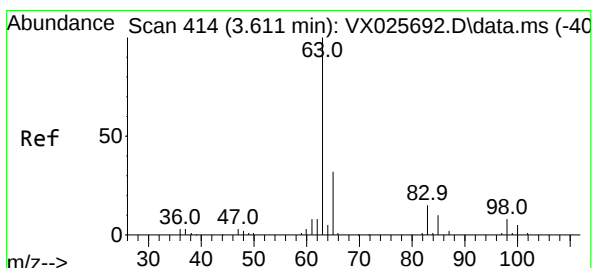
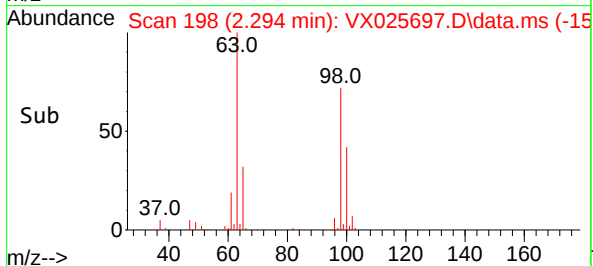
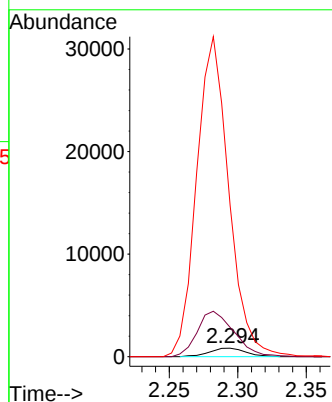
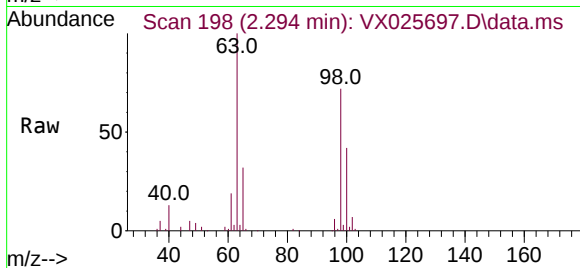
Tgt Ion: 96 Resp: 1537

Ion Ratio Lower Upper

96 100

61 346.9 108.7 201.9#

63 1789.7 76.3 141.7#



#19

1,1-Dichloroethane

Concen: 1.137 ug/L

RT: 3.605 min Scan# 413

Delta R.T. -0.006 min

Lab File: VX025697.D

Acq: 10 Dec 2021 13:31

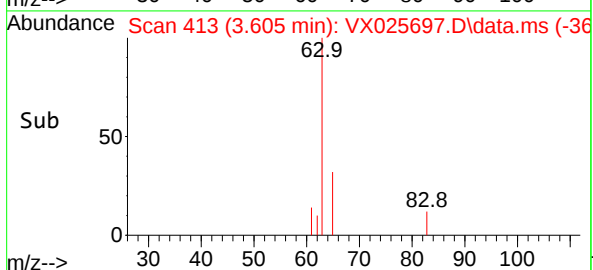
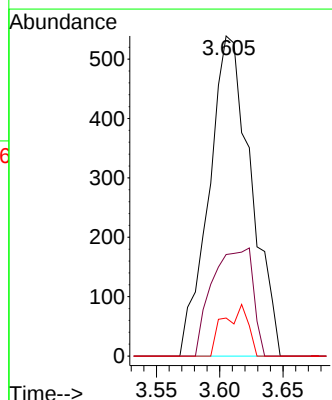
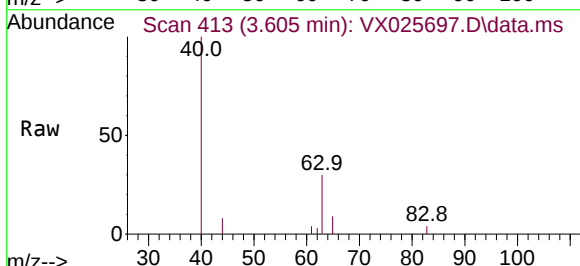
Tgt Ion: 63 Resp: 1238

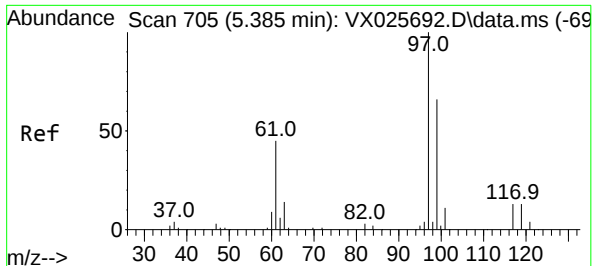
Ion Ratio Lower Upper

63 100

65 31.7 22.2 41.2

83 11.9 10.2 19.0





#30

1,1,1-Trichloroethane

Concen: 11.803 ug/L

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX025697.D

Acq: 10 Dec 2021 13:31

Instrument :

MSVOA_X

ClientSampleId :

BGKW4

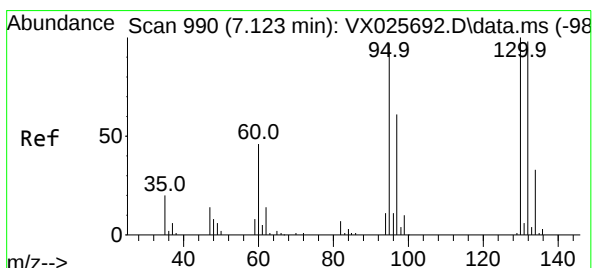
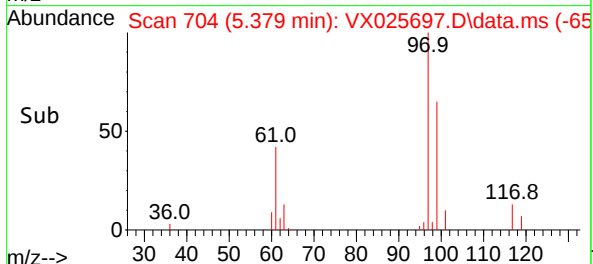
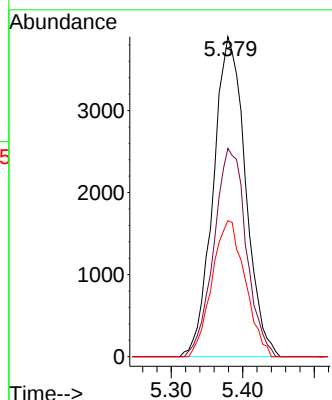
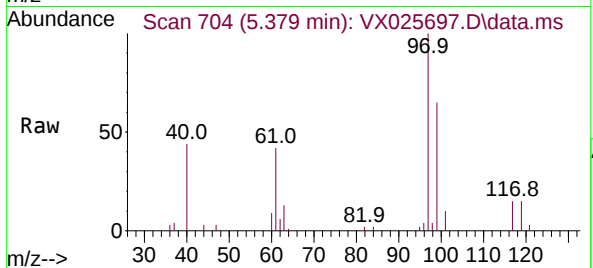
Tgt Ion: 97 Resp: 12197

Ion Ratio Lower Upper

97 100

99 65.4 51.5 77.3

61 43.7 33.1 49.7



#34

Trichloroethene

Concen: 8.317 ug/L

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX025697.D

Acq: 10 Dec 2021 13:31

Tgt Ion: 95 Resp: 5471

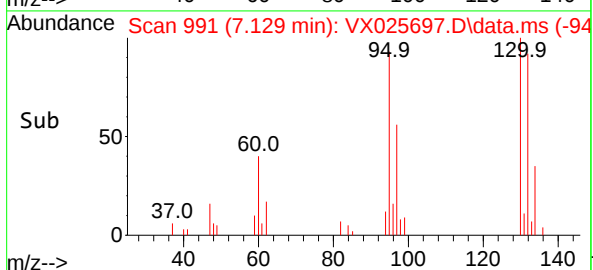
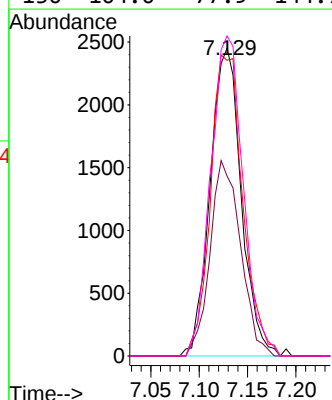
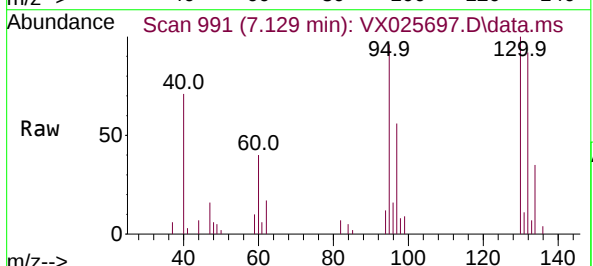
Ion Ratio Lower Upper

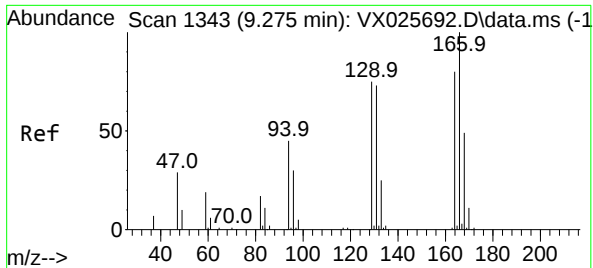
95 100

97 58.4 46.0 85.4

132 96.0 75.0 139.2

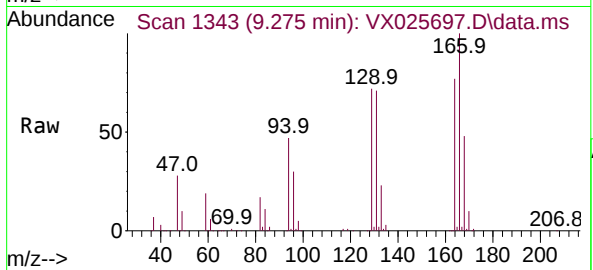
130 104.0 77.9 144.7





#46
 Tetrachloroethene
 Concen: 145.817 ug/L
 RT: 9.275 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX025697.D
 Acq: 10 Dec 2021 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 BGKW4



Tgt Ion:	164	Resp:	81343
Ion	Ratio	Lower	Upper
164	100		
129	93.9	64.7	120.1
131	91.8	63.2	117.4
166	129.7	90.1	167.3

