

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122521\
 Data File : VX026033.D
 Acq On : 25 Dec 2021 14:38
 Operator : JC/MD
 Sample : M5214-07ME
 Misc : 6.14G/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BGLF4ME

Quant Time: Dec 27 05:14:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 21:00:32 2021
 Response via : Initial Calibration

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

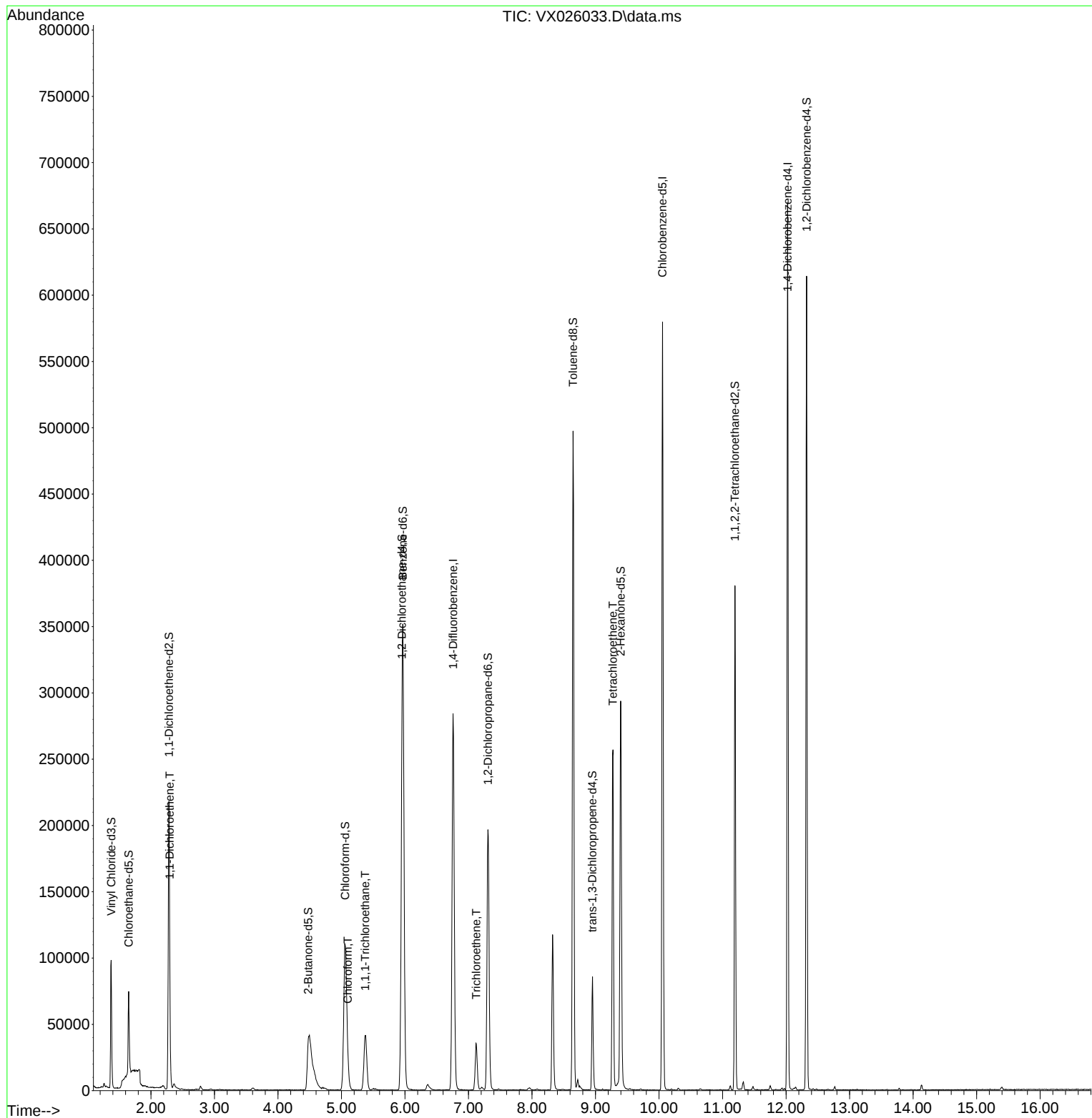
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	290899	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	266432	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	132898	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	70919	34.379	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.760%
7) Chloroethane-d5	1.648	69	38624	23.429	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	46.860%#
11) 1,1-Dichloroethene-d2	2.282	63	122970	30.081	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.160%
21) 2-Butanone-d5	4.477	46	96231	53.806	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	53.810%
24) Chloroform-d	5.056	84	137246	33.246	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.500%#
26) 1,2-Dichloroethane-d4	5.952	65	108936	38.975	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.940%
32) Benzene-d6	5.964	84	322925	42.109	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.220%
36) 1,2-Dichloropropane-d6	7.306	67	101284	42.488	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.980%
41) Toluene-d8	8.647	98	291501	40.711	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.420%
43) trans-1,3-Dichloroprop...	8.952	79	37638	36.290	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.580%
47) 2-Hexanone-d5	9.397	63	101025	82.115	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.120%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	142117	40.432	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.860%
66) 1,2-Dichlorobenzene-d4	12.323	152	117708	46.871	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.740%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.294	96	4478	2.291	ug/L #	1
25) Chloroform	5.099	83	19681	4.805	ug/L	99
30) 1,1,1-Trichloroethane	5.373	97	40040	12.342	ug/L	96
34) Trichloroethene	7.123	95	12244	5.658	ug/L	89
46) Tetrachloroethene	9.275	164	48364	29.294	ug/L	98

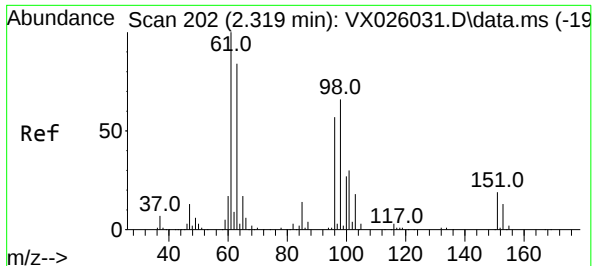
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 23 21:00:32 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 2.291 ug/L

RT: 2.294 min Scan# 11

Delta R.T. -0.031 min

Lab File: VX026033.D

Acq: 25 Dec 2021 14:38

Instrument :

MSVOA_X

ClientSampleId :

BGLF4ME

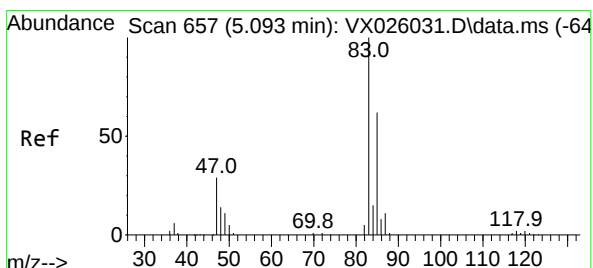
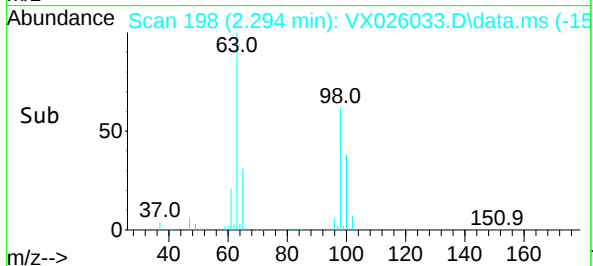
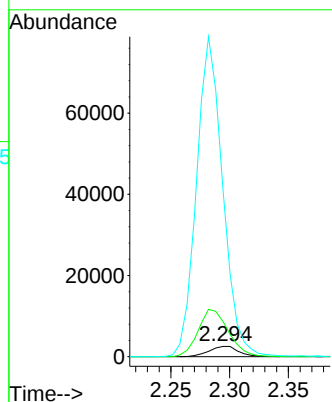
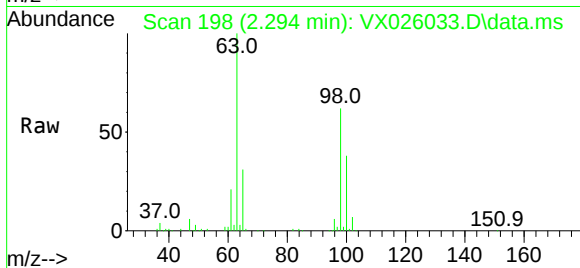
Tgt Ion: 96 Resp: 4478

Ion Ratio Lower Upper

96 100

61 344.5 108.7 201.9#

63 1639.2 76.3 141.7#



#25

Chloroform

Concen: 4.805 ug/L

RT: 5.099 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX026033.D

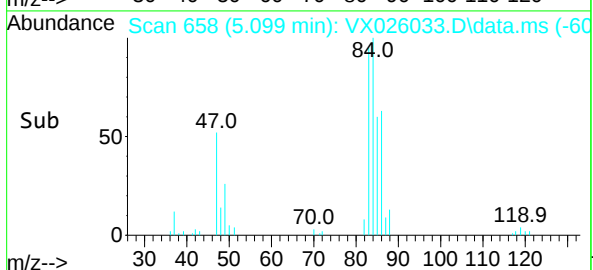
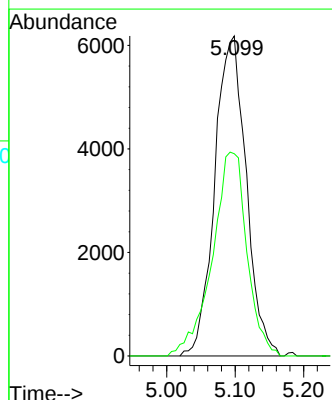
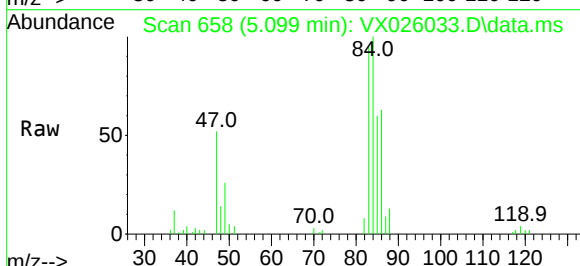
Acq: 25 Dec 2021 14:38

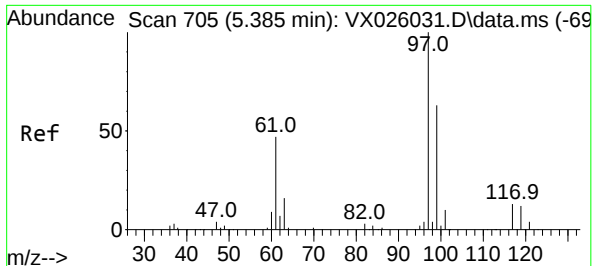
Tgt Ion: 83 Resp: 19681

Ion Ratio Lower Upper

83 100

85 63.2 44.9 83.5





#30

1,1,1-Trichloroethane

Concen: 12.342 ug/L

RT: 5.373 min Scan# 705

Delta R.T. -0.018 min

Lab File: VX026033.D

Acq: 25 Dec 2021 14:38

Instrument :

MSVOA_X

ClientSampleId :

BGLF4ME

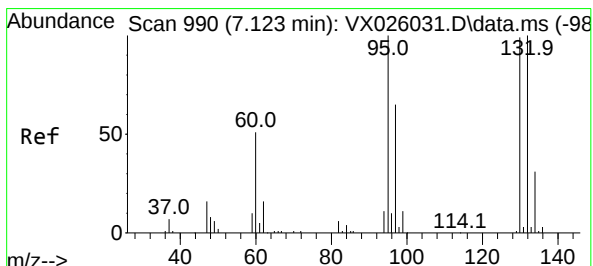
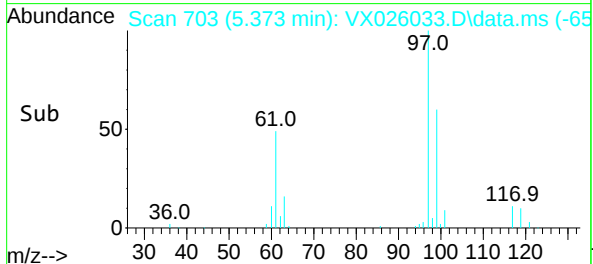
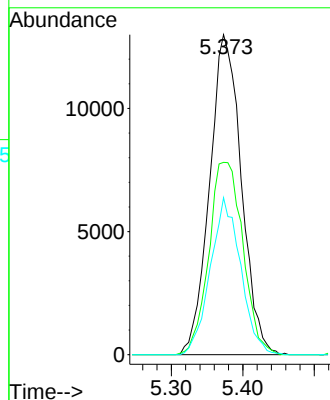
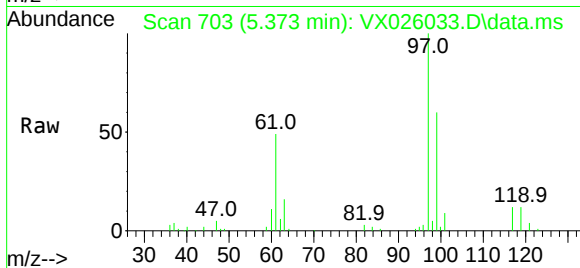
Tgt Ion: 97 Resp: 40040

Ion Ratio Lower Upper

97 100

99 64.5 51.5 77.3

61 46.9 33.1 49.7



#34

Trichloroethene

Concen: 5.658 ug/L

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX026033.D

Acq: 25 Dec 2021 14:38

Tgt Ion: 95 Resp: 12244

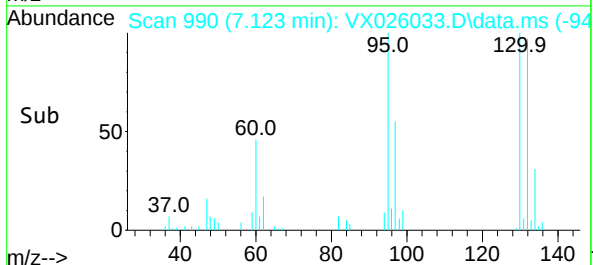
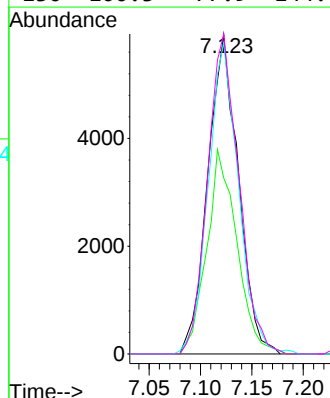
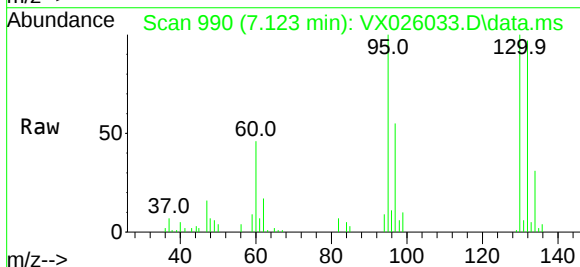
Ion Ratio Lower Upper

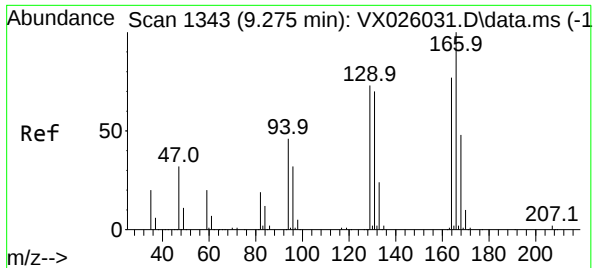
95 100

97 55.2 46.0 85.4

132 97.5 75.0 139.2

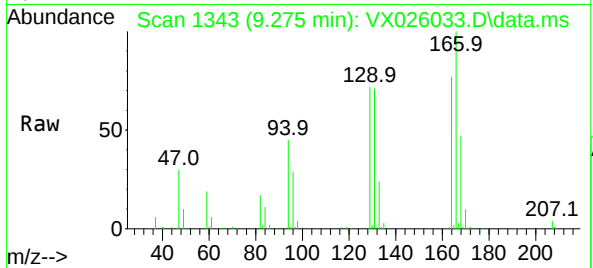
130 100.3 77.9 144.7





#46
 Tetrachloroethene
 Concen: 29.294 ug/L
 RT: 9.275 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX026033.D
 Acq: 25 Dec 2021 14:38

Instrument :
 MSVOA_X
 ClientSampleId :
 BGLF4ME



Tgt Ion:	164	Resp:	48364
Ion	Ratio	Lower	Upper
164	100		
129	94.2	64.7	120.1
131	92.2	63.2	117.4
166	130.3	90.1	167.3

