

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
 Data File : VX025224.D
 Acq On : 18 Nov 2021 21:07
 Operator : JC/MD
 Sample : M4677-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 H0AA7

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/19/2021
 Supervised By : Mahesh Dadoda 11/22/2021

Quant Time: Nov 19 05:30:43 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	168828	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	152072	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	71788	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	46252	40.552	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.100%		
7) Chloroethane-d5	1.666	69	40160	61.780	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	123.560%		
11) 1,1-Dichloroethene-d2	2.306	63	60197	30.686	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.380%		
21) 2-Butanone-d5	4.458	46	80079	92.908	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.910%		
24) Chloroform-d	5.062	84	88539	44.126	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.260%		
26) 1,2-Dichloroethane-d4	5.958	65	57179	47.014	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.020%		
32) Benzene-d6	5.976	84	184957	44.563	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.120%		
36) 1,2-Dichloropropane-d6	7.311	67	56439	44.534	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.060%		
41) Toluene-d8	8.653	98	169017	42.642	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.280%		
43) trans-1,3-Dichloroprop...	8.951	79	27734	40.313	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.620%		
47) 2-Hexanone-d5	9.384	63	61309	90.089	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.090%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	81369	44.578	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.160%		
66) 1,2-Dichlorobenzene-d4	12.323	152	65928	46.328	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.660%		
Target Compounds						Qvalue
19) 1,1-Dichloroethane	3.617	63	9080	4.592	ug/L	93
20) cis-1,2-Dichloroethene	4.483	96	5450m	4.213	ug/L	
34) Trichloroethene	7.129	95	3988	3.266	ug/L	86
46) Tetrachloroethene	9.281	164	2759	2.708	ug/L	78

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

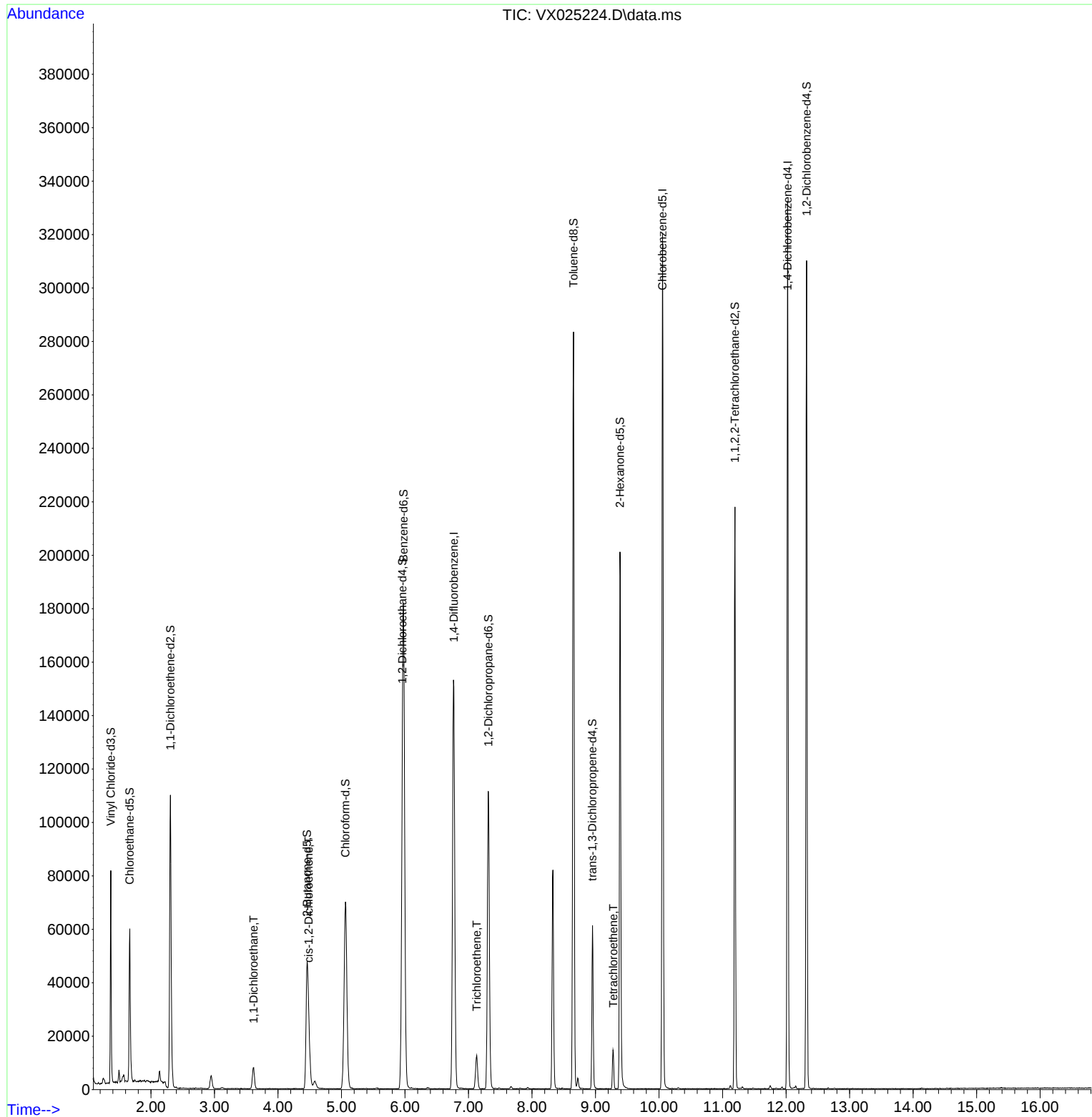
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025224.D
Acq On : 18 Nov 2021 21:07
Operator : JC/MD
Sample : M4677-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

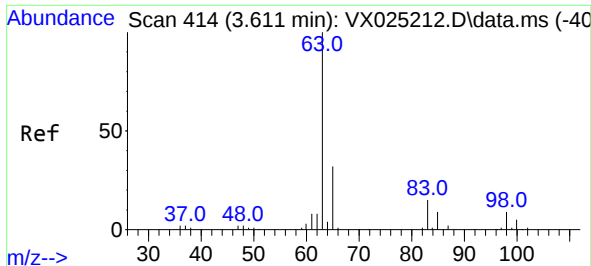
Instrument :
MSVOA_X
ClientSampleId :
H0AA7

Manual Integrations
APPROVED

Reviewed By : John Carlone 11/19/2021
Supervised By : Mahesh Dadoda 11/22/2021

Quant Time: Nov 19 05:30:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 19 05:25:45 2021
Response via : Initial Calibration





#19

1,1-Dichloroethane

Concen: 4.592 ug/L

RT: 3.617 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX025224.D

Acq: 18 Nov 2021 21:07

Instrument :

MSVOA_X

ClientSampleId :

H0AA7

Tgt Ion: 63 Resp: 9080

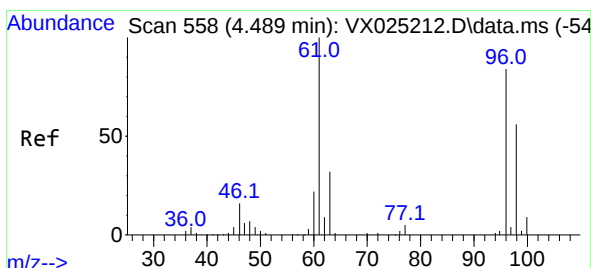
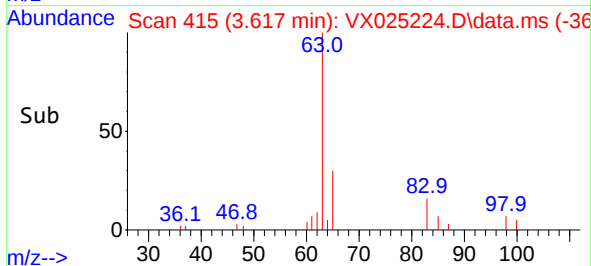
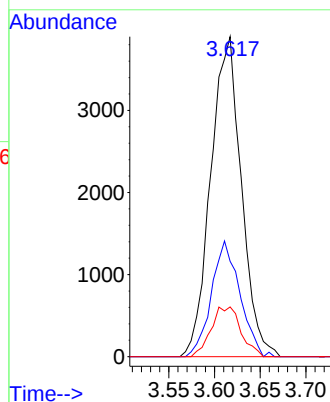
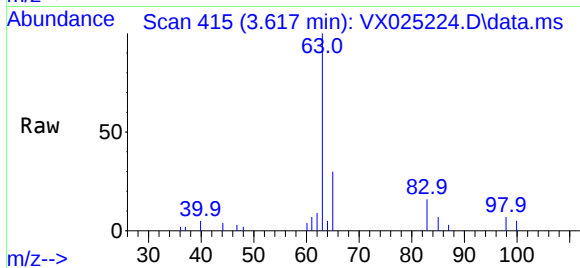
Ion	Ratio	Lower	Upper
63	100		
65	29.8	24.5	45.5
83	15.5	11.7	21.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/22/2021



#20

cis-1,2-Dichloroethene

Concen: 4.213 ug/L m

RT: 4.483 min Scan# 557

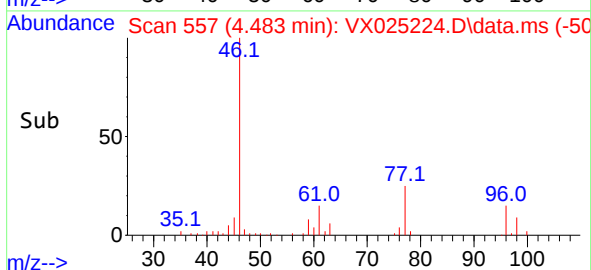
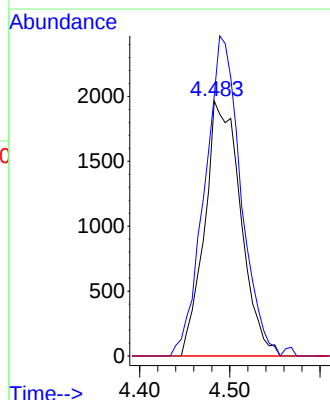
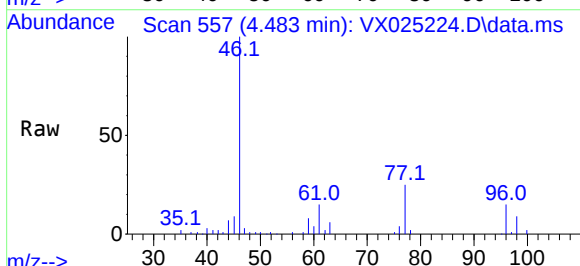
Delta R.T. -0.006 min

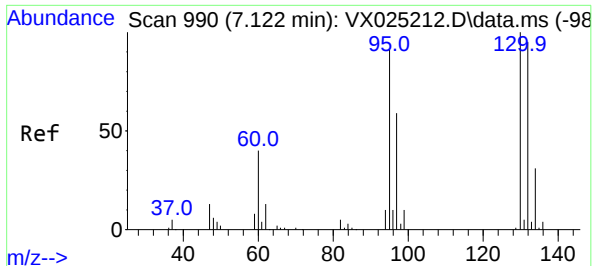
Lab File: VX025224.D

Acq: 18 Nov 2021 21:07

Tgt Ion: 96 Resp: 5450

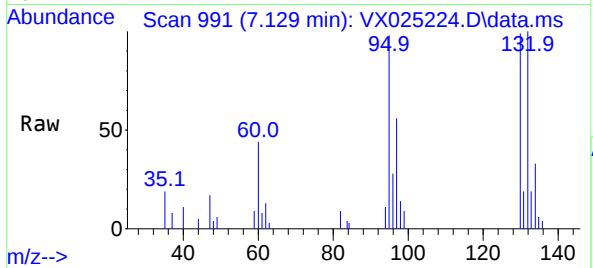
Ion	Ratio	Lower	Upper
96	100		
61	102.3	82.6	153.4
68	0.0	0.0	0.0





#34
Trichloroethene
Concen: 3.266 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX025224.D
Acq: 18 Nov 2021 21:07

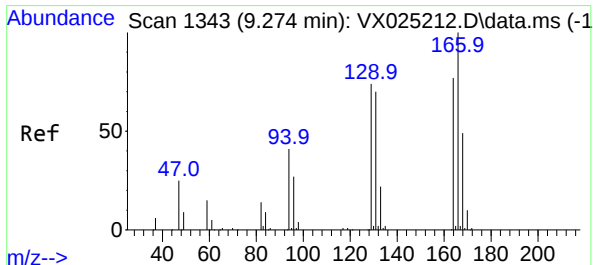
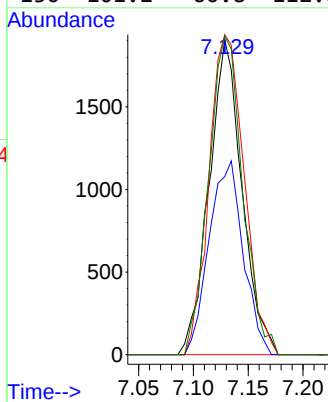
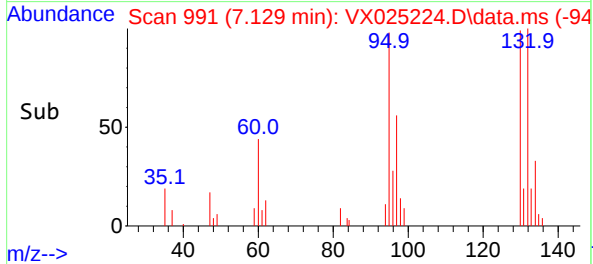
Instrument :
MSVOA_X
ClientSampleId :
H0AA7



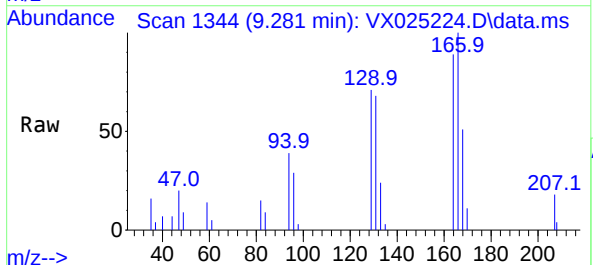
Tgt Ion: 95 Resp: 398
Ion Ratio Lower Upper
95 100
97 56.6 44.2 82.2
132 101.7 60.1 111.5
130 101.2 60.8 112.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021



#46
Tetrachloroethene
Concen: 2.708 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX025224.D
Acq: 18 Nov 2021 21:07



Tgt Ion:164 Resp: 2759
Ion Ratio Lower Upper
164 100
129 80.2 78.5 145.7
131 76.5 70.5 130.9
166 112.2 88.3 164.1

