

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122724\
 Data File : VX044512.D
 Acq On : 27 Dec 2024 11:26
 Operator : JC/MD
 Sample : P5344-06 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0CE8

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/30/2024
 Supervised By : Mahesh Dadoda 12/30/2024

Quant Time: Dec 27 22:11:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 27 22:07:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	177954	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	159236	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	65531	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	72298	44.396	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.800%		
7) Chloroethane-d5	1.642	69	53533	42.436	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.880%		
11) 1,1-Dichloroethene-d2	2.294	65	30972	44.471	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.940%		
21) 2-Butanone-d5	4.452	46	82949	83.195	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.200%		
24) Chloroform-d	5.050	84	129603	41.916	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.840%		
26) 1,2-Dichloroethane-d4	5.946	65	92348	42.234	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.460%		
32) Benzene-d6	5.964	84	258231	46.933	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.860%		
36) 1,2-Dichloropropane-d6	7.299	67	77072	45.112	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.220%		
41) Toluene-d8	8.647	98	226301	44.483	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.960%		
43) trans-1,3-Dichloroprop...	8.945	79	35943	43.779	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.560%		
47) 2-Hexanone-d5	9.384	63	59616	89.495	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.500%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	100560	43.897	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.800%		
66) 1,2-Dichlorobenzene-d4	12.317	152	74278	48.648	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.300%		
Target Compounds						
9) Trichlorofluoromethane	1.874	101	27332	10.213	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	2508m	1.878	ug/L	
34) Trichloroethene	7.117	95	1417889	1074.005	ug/L	99
42) Toluene	8.720	91	6676	1.303	ug/L	100
46) Tetrachloroethene	9.269	164	10468	11.886	ug/L	95

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

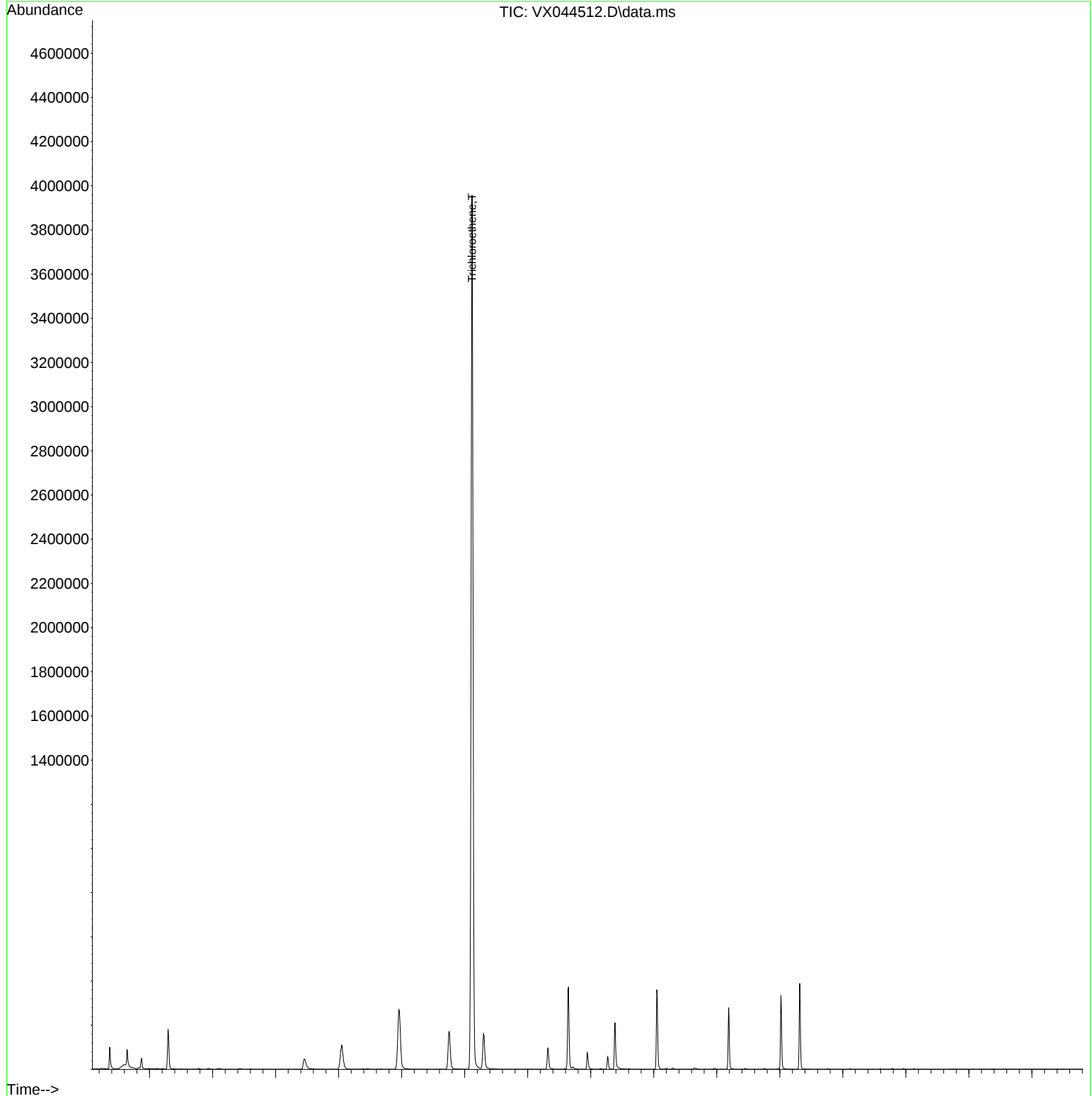
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122724\
Data File : VX044512.D
Acq On : 27 Dec 2024 11:26
Operator : JC/MD
Sample : P5344-06 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

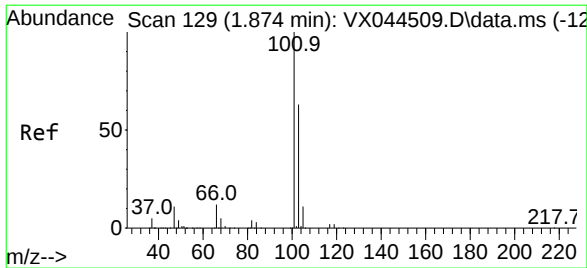
Instrument :
MSVOA_X
ClientSampleId :
C0CE8

Manual Integrations
APPROVED

Reviewed By : John Carlone 12/30/2024
Supervised By : Mahesh Dadoda 12/30/2024

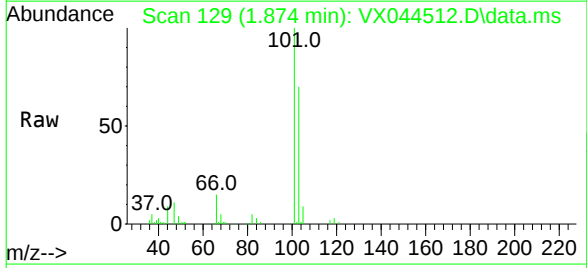
Quant Time: Dec 27 22:11:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 27 22:07:46 2024
Response via : Initial Calibration





#9
Trichlorofluoromethane
Concen: 10.213 ug/L
RT: 1.874 min Scan# 129
Delta R.T. 0.000 min
Lab File: VX044512.D
Acq: 27 Dec 2024 11:26

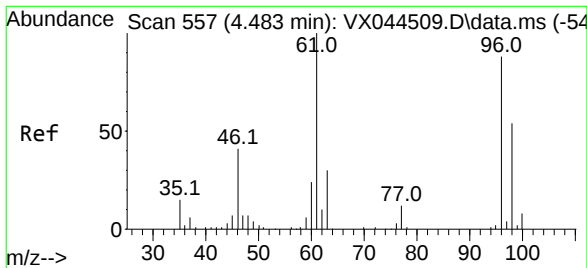
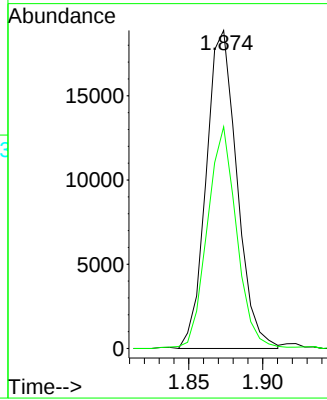
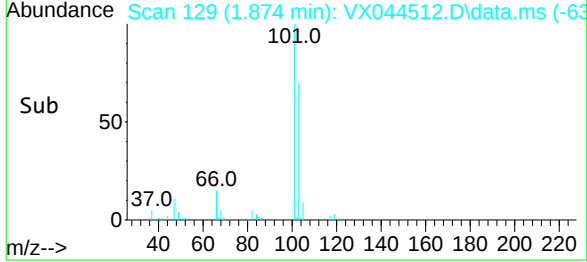
Instrument :
MSVOA_X
ClientSampleId :
C0CE8



Tgt Ion: 101 Resp: 27332
Ion Ratio Lower Upper
101 100
103 66.4 50.8 76.2

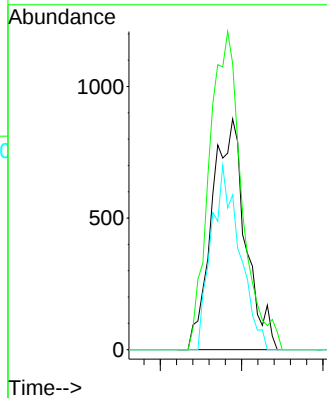
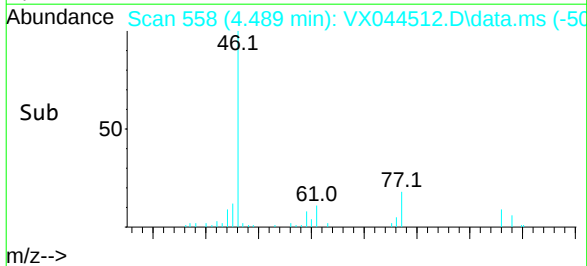
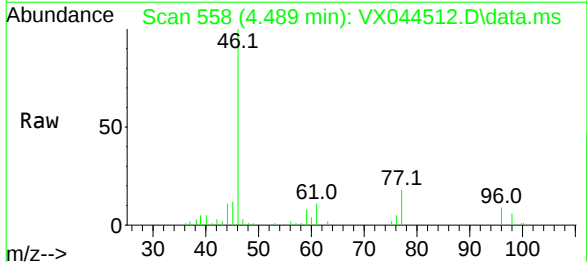
Manual Integrations
APPROVED

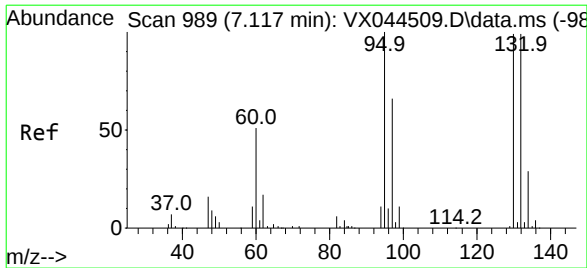
Reviewed By : John Carlone 12/30/2024
Supervised By : Mahesh Dadoda 12/30/2024



#20
cis-1,2-Dichloroethene
Concen: 1.878 ug/L m
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX044512.D
Acq: 27 Dec 2024 11:26

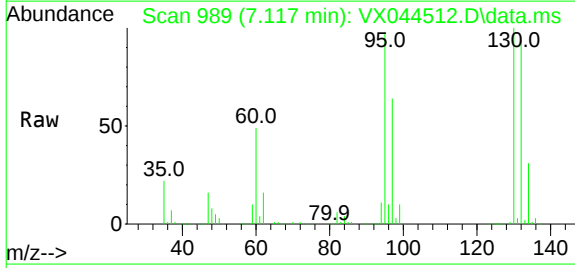
Tgt Ion: 96 Resp: 2508
Ion Ratio Lower Upper
96 100
61 124.1 85.0 158.0
98 67.0 44.6 82.8





#34
Trichloroethene
Concen: 1074.005 ug/L
RT: 7.117 min Scan# 989
Delta R.T. 0.000 min
Lab File: VX044512.D
Acq: 27 Dec 2024 11:26

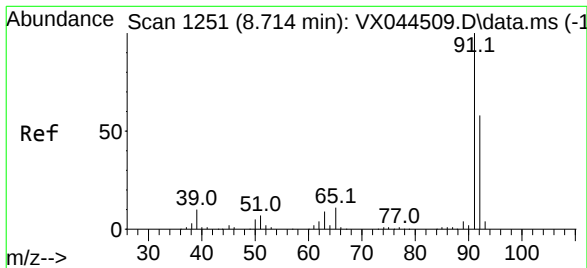
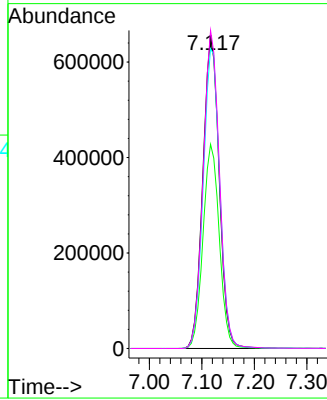
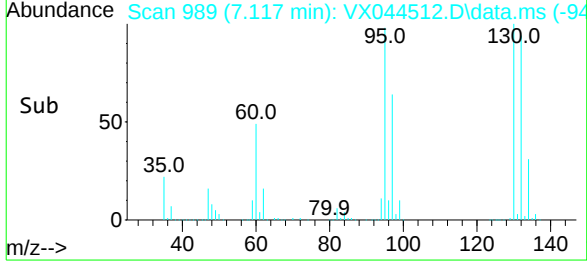
Instrument :
MSVOA_X
ClientSampleId :
C0CE8



Tgt Ion: 95 Resp: 1417889
Ion Ratio Lower Upper
95 100
97 65.3 45.0 83.6
132 96.0 66.6 123.8
130 101.8 72.4 134.5

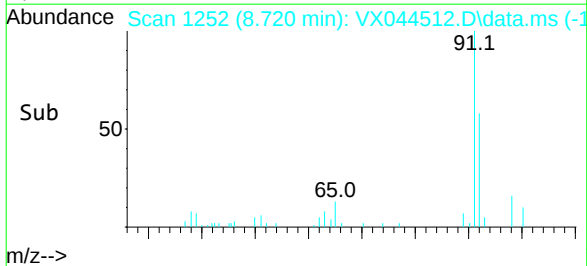
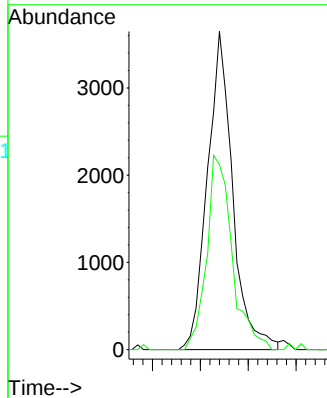
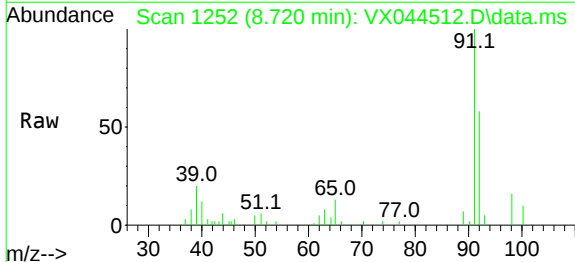
Manual Integrations
APPROVED

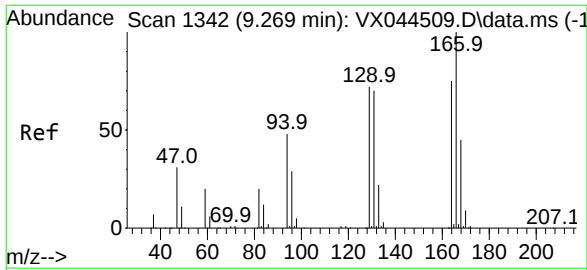
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#42
Toluene
Concen: 1.303 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX044512.D
Acq: 27 Dec 2024 11:26

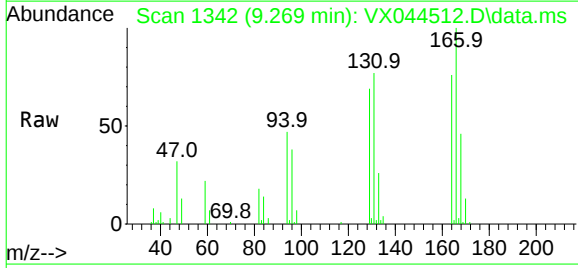
Tgt Ion: 91 Resp: 6676
Ion Ratio Lower Upper
91 100
92 58.2 40.7 75.5





#46
Tetrachloroethene
Concen: 11.886 ug/L
RT: 9.269 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044512.D
Acq: 27 Dec 2024 11:26

Instrument :
MSVOA_X
ClientSampleId :
C0CE8



Tgt Ion:164 Resp: 10468
Ion Ratio Lower Upper
164 100
129 90.6 73.6 136.6
131 101.5 70.2 130.4
166 131.9 92.0 170.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

