

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081922\
 Data File : VX030699.D
 Acq On : 19 Aug 2022 12:29
 Operator : JC/MD
 Sample : N4231-06DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0KN4DL

Manual Integrations
 APPROVED

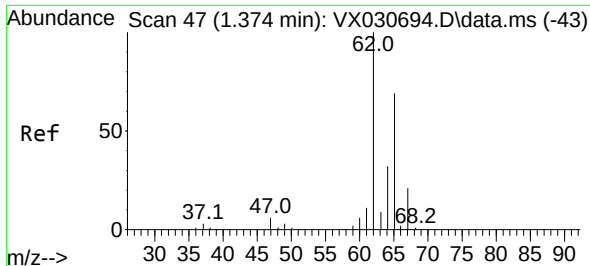
Reviewed By : Semsettin Yesilyurt 08/22/2022
 Supervised By : Mahesh Dadoda 08/22/2022

Quant Time: Aug 20 02:14:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 20 02:12:38 2022
 Response via : Initial Calibration

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

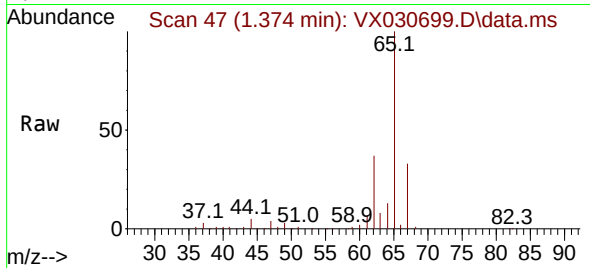
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	310514	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	281903	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	122855	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	100558	50.429	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.860%			
7) Chloroethane-d5	1.666	69	77188	54.910	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.820%			
11) 1,1-Dichloroethene-d2	2.306	63	199939	53.006	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.020%			
21) 2-Butanone-d5	4.465	46	183785	99.472	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.470%			
24) Chloroform-d	5.068	84	209015	50.919	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.840%			
26) 1,2-Dichloroethane-d4	5.958	65	130443	46.801	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.600%			
32) Benzene-d6	5.977	84	427603	52.954	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.900%			
36) 1,2-Dichloropropane-d6	7.312	67	139631	53.297	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.600%			
41) Toluene-d8	8.653	98	380729	50.020	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.040%			
43) trans-1,3-Dichloroprop...	8.952	79	58193	44.649	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.300%			
47) 2-Hexanone-d5	9.384	63	139764	104.660	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.660%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	190475	55.344	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 110.680%			
66) 1,2-Dichlorobenzene-d4	12.323	152	129161	54.203	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.400%			
Target Compounds						
5) Vinyl chloride	1.374	62	22664	10.561	ug/L	98
12) 1,1-Dichloroethene	2.319	96	97761	56.250	ug/L #	70
19) 1,1-Dichloroethane	3.617	63	7990	2.052	ug/L	91
20) cis-1,2-Dichloroethene	4.495	96	63034	27.830	ug/L	89
30) 1,1,1-Trichloroethane	5.397	97	11679m	3.141	ug/L	
34) Trichloroethene	7.129	95	220204	84.119	ug/L	86
46) Tetrachloroethene	9.275	164	172107	104.030	ug/L	100

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



#5
 Vinyl chloride
 Concen: 10.561 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030699.D
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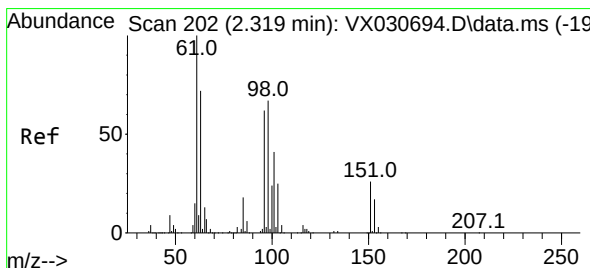
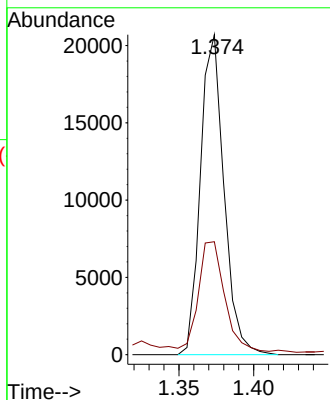
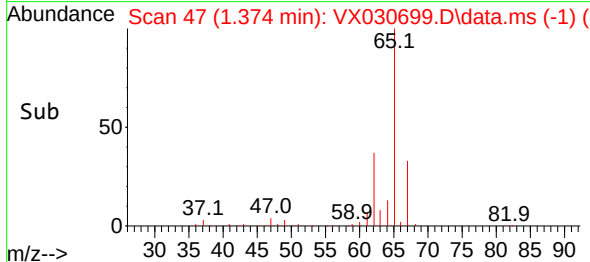
Instrument :
 MSVOA_X
 ClientSampleId :
 C0KN4DL



Tgt Ion: 62 Resp: 22664
 Ion Ratio Lower Upper
 62 100
 64 35.3 23.8 44.2

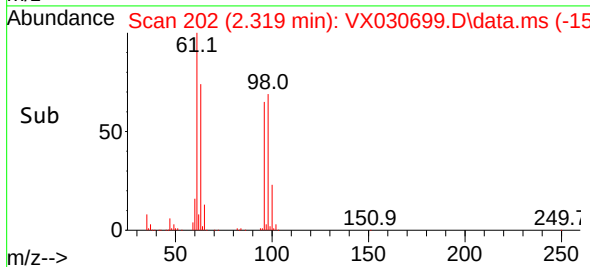
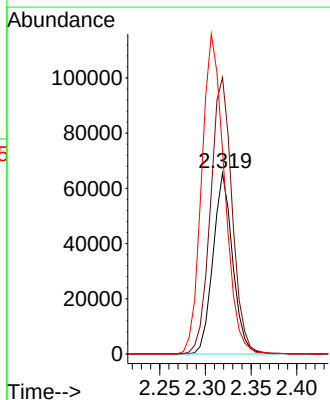
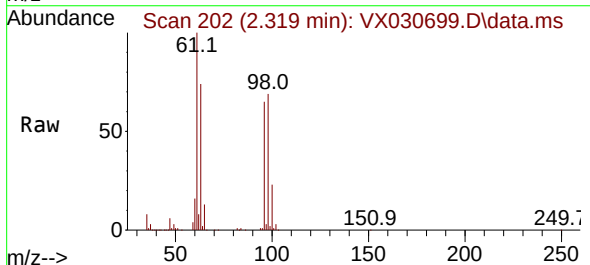
Manual Integrations
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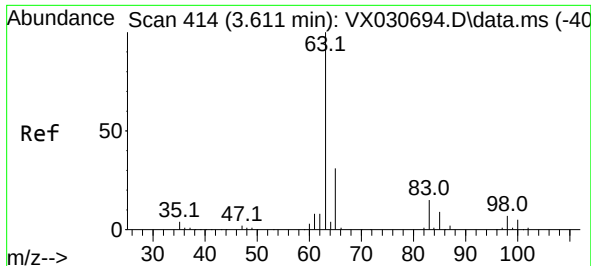
Reviewed By :Semsettin Yesilyurt 08/22/2022
 Supervised By :Mahesh Dadoda 08/22/2022



#12
 1,1-Dichloroethene
 Concen: 56.250 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX030699.D
 Acq: 19 Aug 2022 12:29

Tgt Ion: 96 Resp: 97761
 Ion Ratio Lower Upper
 96 100
 61 153.0 130.2 241.8
 63 112.5 113.5 210.9#





#19

1,1-Dichloroethane

Concen: 2.052 ug/L

RT: 3.617 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX030699.D

Acq: 19 Aug 2022 12:29

Instrument :

MSVOA_X

ClientSampleId :

C0KN4DL

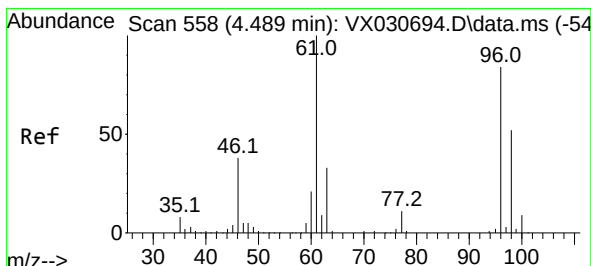
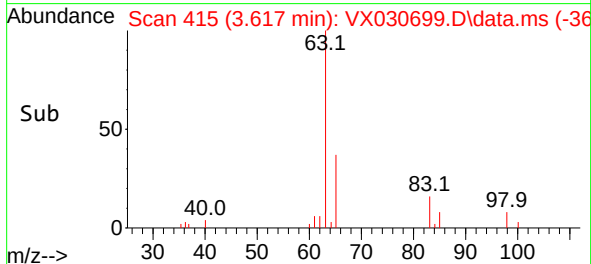
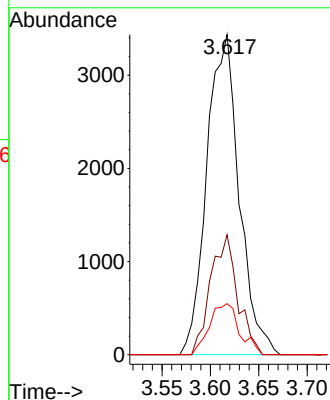
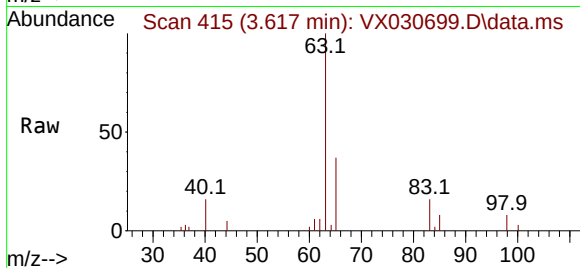
Tgt Ion: 63	Resp: 7990
Ion Ratio	Lower Upper
63 100	
65 37.5	22.0 40.8
83 16.0	9.9 18.3

Manual Integrations

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#20

cis-1,2-Dichloroethene

Concen: 27.830 ug/L

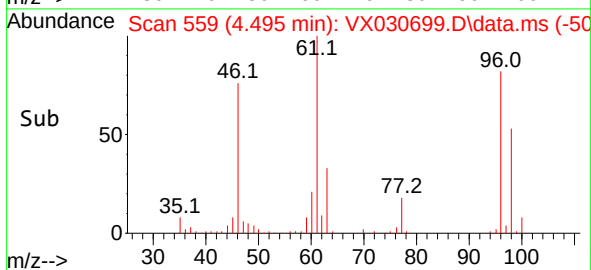
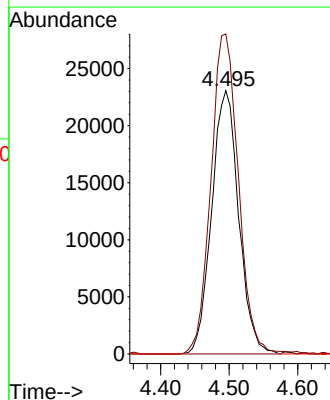
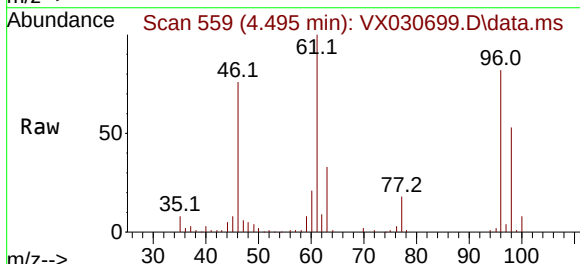
RT: 4.495 min Scan# 559

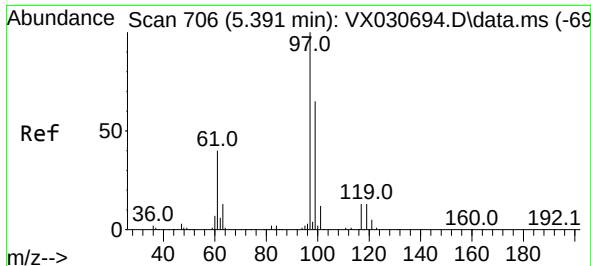
Delta R.T. 0.006 min

Lab File: VX030699.D

Acq: 19 Aug 2022 12:29

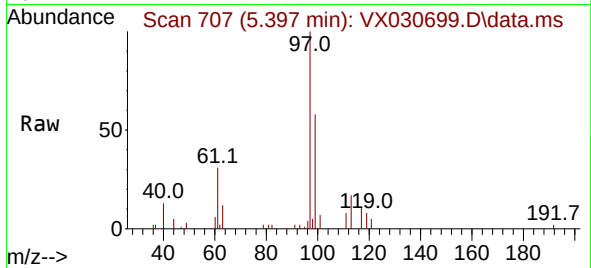
Tgt Ion: 96	Resp: 63034
Ion Ratio	Lower Upper
96 100	
61 121.5	94.0 174.6
68 0.0	0.0 0.0





#30
1,1,1-Trichloroethane
Concen: 3.141 ug/L m
RT: 5.397 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX030699.D
Acq: 19 Aug 2022 12:29

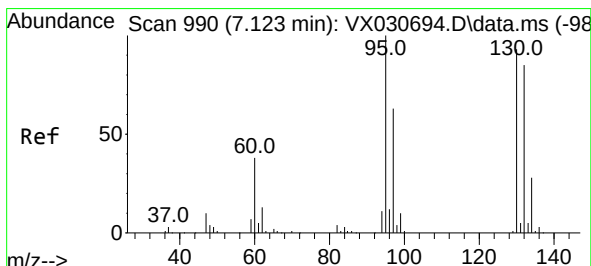
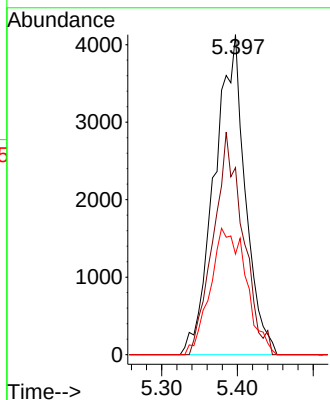
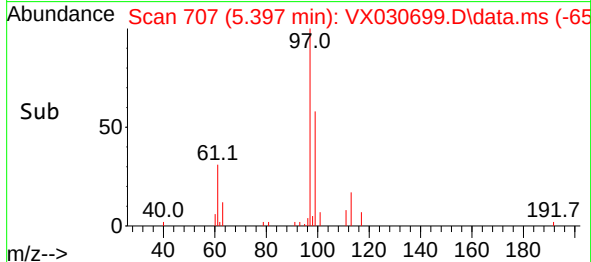
Instrument :
MSVOA_X
ClientSampleId :
C0KN4DL



Tgt Ion: 97 Resp: 11679
Ion Ratio Lower Upper
97 100
99 65.9 51.4 77.0
61 31.7 37.0 55.6

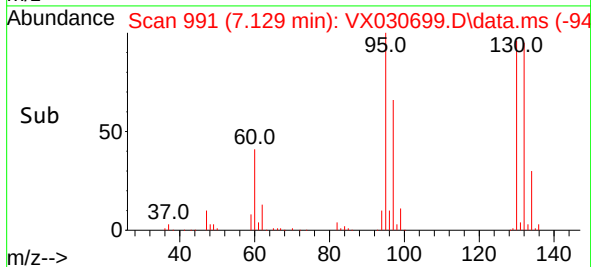
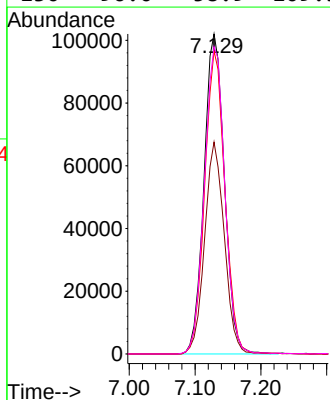
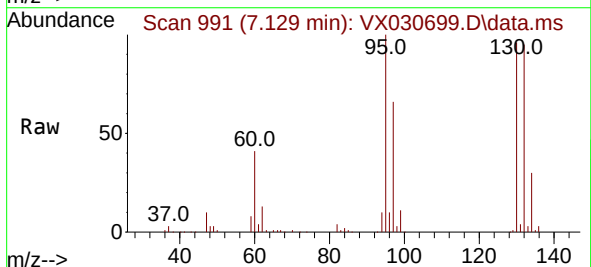
Manual Integrations
APPROVED

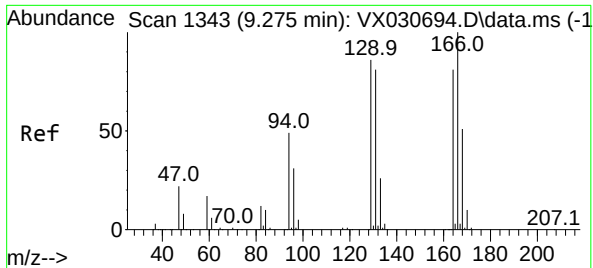
Reviewed By :Semsettin Yesilyurt 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#34
Trichloroethene
Concen: 84.119 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX030699.D
Acq: 19 Aug 2022 12:29

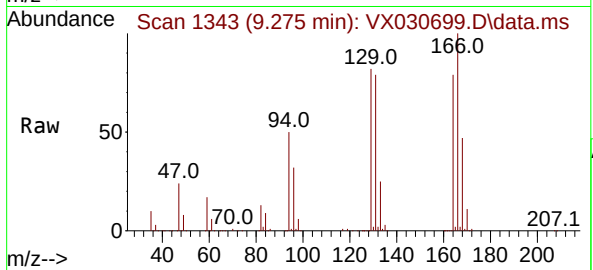
Tgt Ion: 95 Resp: 220204
Ion Ratio Lower Upper
95 100
97 66.2 40.2 74.6
132 94.7 55.3 102.7
130 96.0 58.9 109.5





#46
Tetrachloroethene
Concen: 104.030 ug/L
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030699.D
Acq: 19 Aug 2022 12:29

Instrument :
MSVOA_X
ClientSampleId :
C0KN4DL



Tgt Ion:	164	Resp:	17210
Ion	Ratio	Lower	Upper
164	100		
129	103.4	72.7	135.1
131	99.7	69.9	129.9
166	126.2	88.3	164.1

Manual Integrations
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