

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081722\
 Data File : VX030660.D
 Acq On : 17 Aug 2022 15:15
 Operator : JC/MD
 Sample : N4221-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0KN2

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/18/2022
 Supervised By : Mahesh Dadoda 08/18/2022

Quant Time: Aug 18 04:22:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 04:21:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	307905	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	282574	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	130395	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	117348	59.347	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 118.700%			
7) Chloroethane-d5	1.666	69	88597	63.560	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 127.120%			
11) 1,1-Dichloroethene-d2	2.319	63	793078m	212.037	ug/L	0.01
Spiked Amount 50.000	Range 60 - 125		Recovery = 424.080%#			
21) 2-Butanone-d5	4.465	46	183277	100.038	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.040%			
24) Chloroform-d	5.062	84	220869	54.263	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.520%			
26) 1,2-Dichloroethane-d4	5.964	65	141767	51.294	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.580%			
32) Benzene-d6	5.977	84	468009	57.820	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.640%			
36) 1,2-Dichloropropane-d6	7.312	67	148392	56.506	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 113.020%			
41) Toluene-d8	8.653	98	421390	55.230	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.460%			
43) trans-1,3-Dichloroprop...	8.952	79	63801	48.835	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.680%			
47) 2-Hexanone-d5	9.384	63	136761	102.168	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.170%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	187757	54.424	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 108.840%			
66) 1,2-Dichlorobenzene-d4	12.323	152	144277	57.046	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 114.100%			
Target Compounds						
5) Vinyl chloride	1.374	62	143115	67.253	ug/L	96
12) 1,1-Dichloroethene	2.319	96	1190755	690.945	ug/L #	52
17) trans-1,2-Dichloroethene	3.093	96	2847	1.426	ug/L	93
19) 1,1-Dichloroethane	3.611	63	247046	63.975	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	449991	200.356	ug/L	92
27) 1,2-Dichloroethane	6.092	62	10621	3.145	ug/L #	95
30) 1,1,1-Trichloroethane	5.385	97	39910	10.707	ug/L #	80
33) Benzene	6.037	78	6873m	0.759	ug/L	
34) Trichloroethene	7.129	95	2836219	1080.878	ug/L	89
46) Tetrachloroethene	9.281	164	839245	506.078	ug/L	99

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

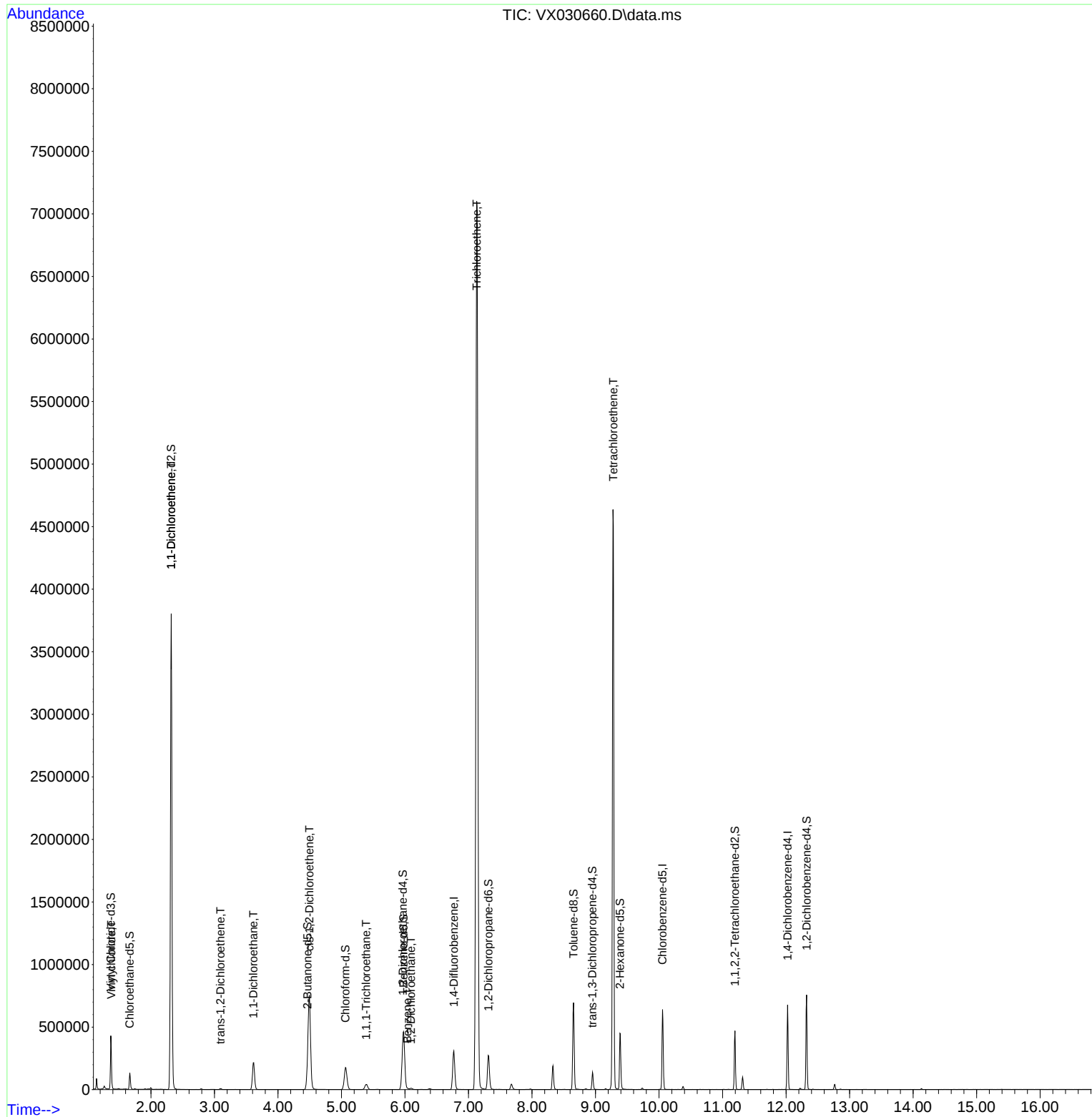
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081722\
Data File : VX030660.D
Acq On : 17 Aug 2022 15:15
Operator : JC/MD
Sample : N4221-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

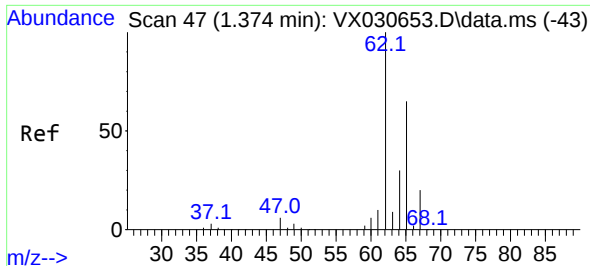
Instrument :
MSVOA_X
ClientSampleId :
C0KN2

Manual Integrations
APPROVED

Reviewed By : John Carlone 08/18/2022
Supervised By : Mahesh Dadoda 08/18/2022

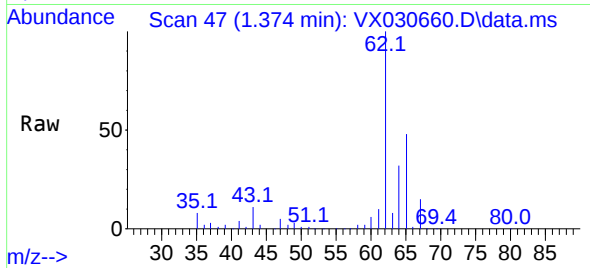
Quant Time: Aug 18 04:22:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 18 04:21:09 2022
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 67.253 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030660.D
 Acq: 17 Aug 2022 15:15

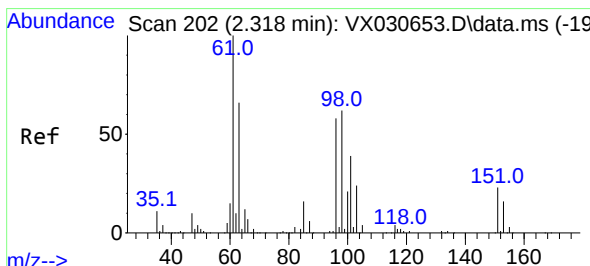
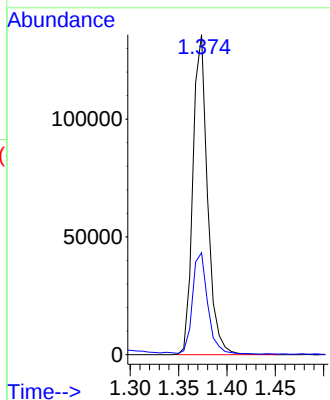
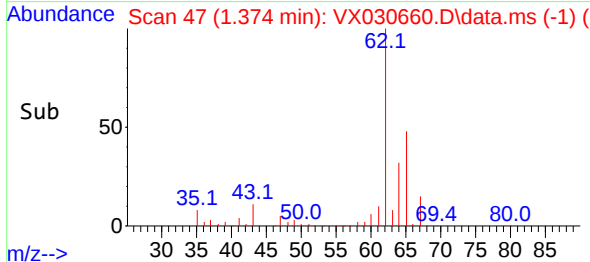
Instrument :
 MSVOA_X
 ClientSampleId :
 C0KN2



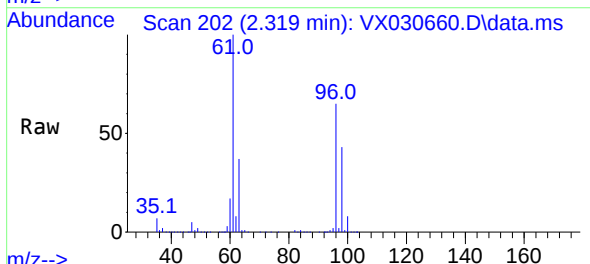
Tgt Ion: 62 Resp: 143115
 Ion Ratio Lower Upper
 62 100
 64 31.8 23.8 44.2

Manual Integrations
 APPROVED

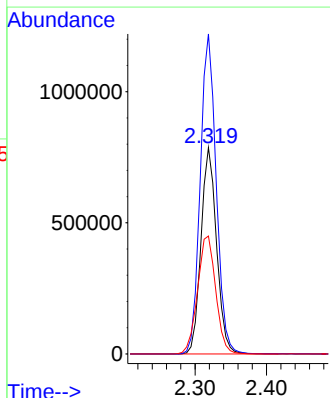
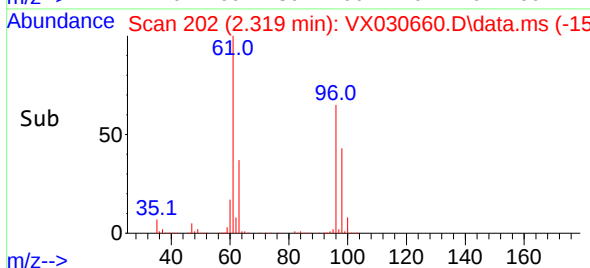
Reviewed By :John Carlone 08/18/2022
 Supervised By :Mahesh Dadoda 08/18/2022

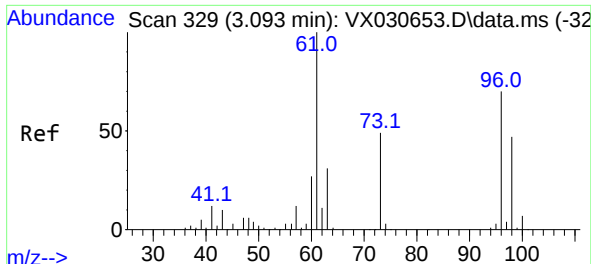


#12
 1,1-Dichloroethene
 Concen: 690.945 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX030660.D
 Acq: 17 Aug 2022 15:15



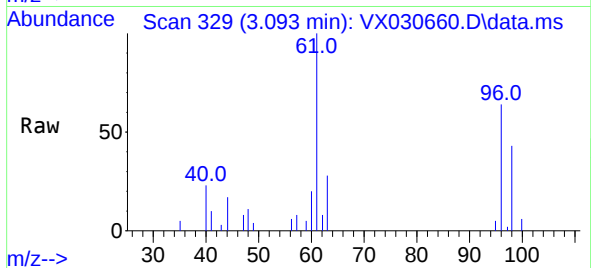
Tgt Ion: 96 Resp: 1190755
 Ion Ratio Lower Upper
 96 100
 61 155.0 130.2 241.8
 63 57.1 113.5 210.9#





#17
trans-1,2-Dichloroethene
Concen: 1.426 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030660.D
Acq: 17 Aug 2022 15:15

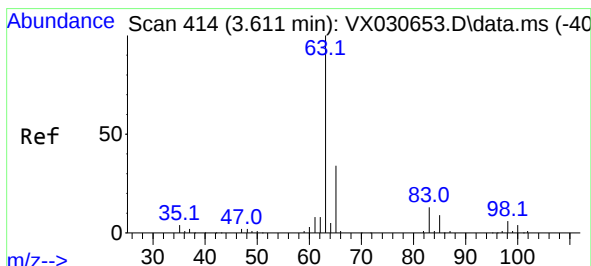
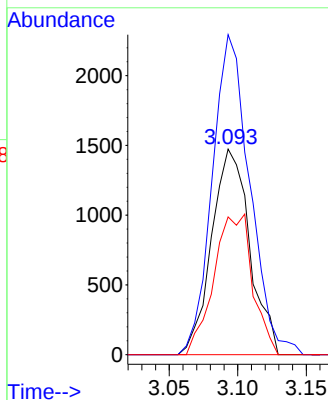
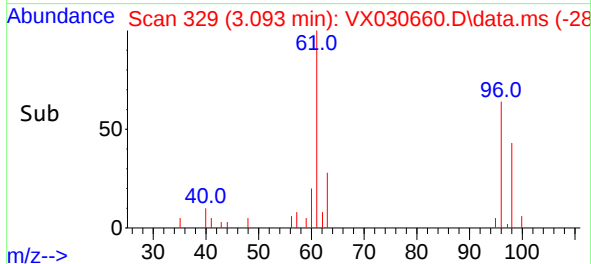
Instrument :
MSVOA_X
ClientSampleId :
C0KN2



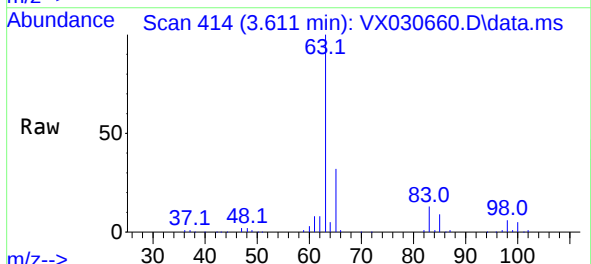
Tgt Ion: 96 Resp: 284
Ion Ratio Lower Upper
96 100
61 155.6 103.7 192.5
98 67.0 41.5 77.1

Manual Integrations
APPROVED

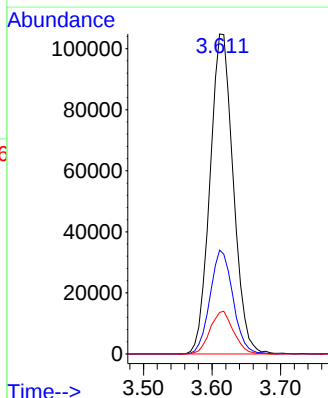
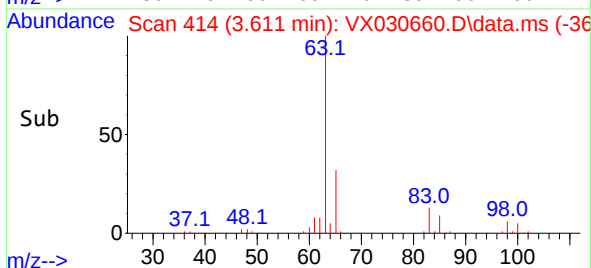
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

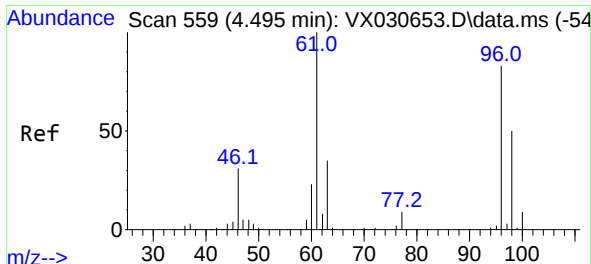


#19
1,1-Dichloroethane
Concen: 63.975 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX030660.D
Acq: 17 Aug 2022 15:15



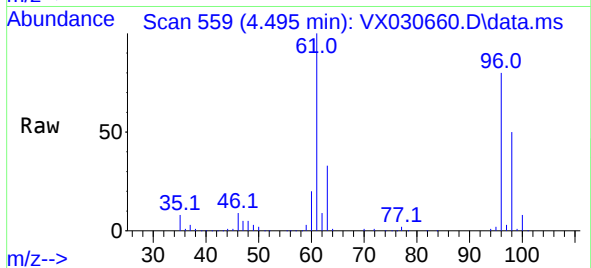
Tgt Ion: 63 Resp: 247046
Ion Ratio Lower Upper
63 100
65 32.5 22.0 40.8
83 13.0 9.9 18.3





#20
cis-1,2-Dichloroethene
Concen: 200.356 ug/L
RT: 4.495 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX030660.D
Acq: 17 Aug 2022 15:15

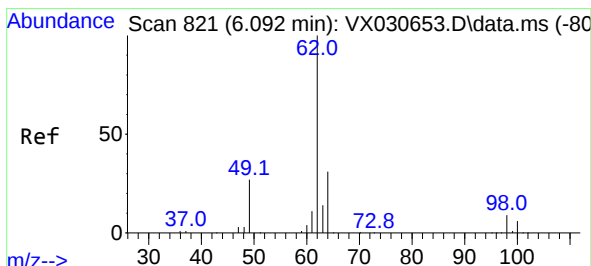
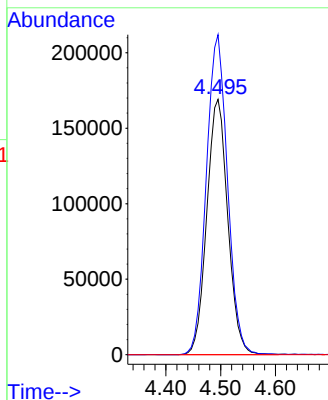
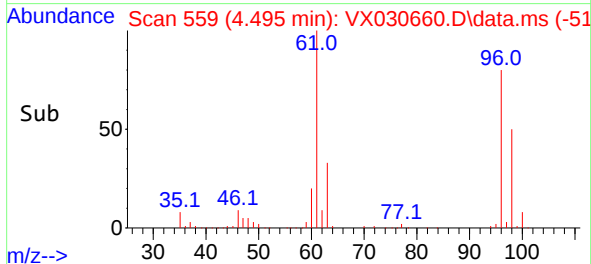
Instrument :
MSVOA_X
ClientSampleId :
C0KN2



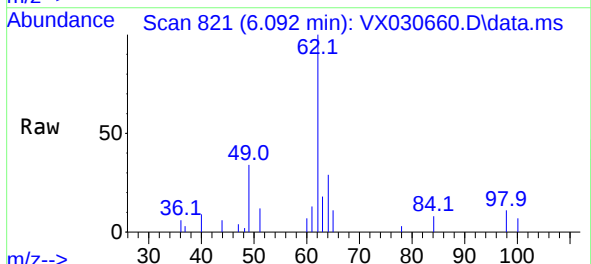
Tgt Ion: 96 Resp: 44999
Ion Ratio Lower Upper
96 100
61 125.3 94.0 174.6
68 0.0 0.0 0.0

Manual Integrations
APPROVED

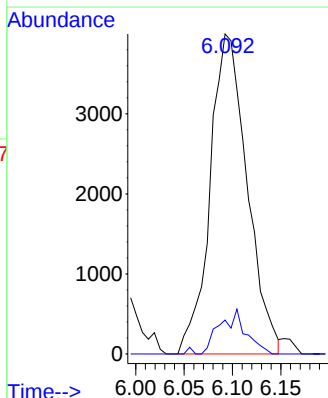
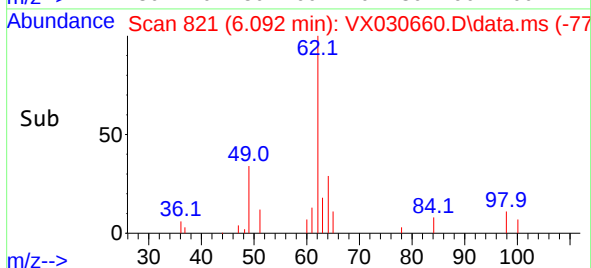
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

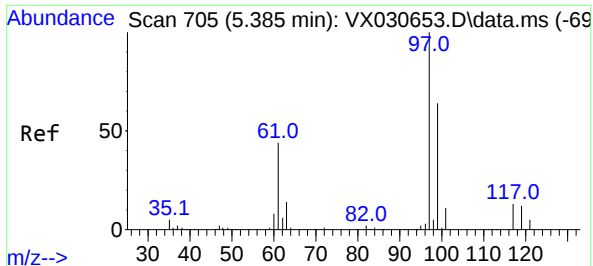


#27
1,2-Dichloroethane
Concen: 3.145 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX030660.D
Acq: 17 Aug 2022 15:15



Tgt Ion: 62 Resp: 10621
Ion Ratio Lower Upper
62 100
98 10.6 7.0 10.6#





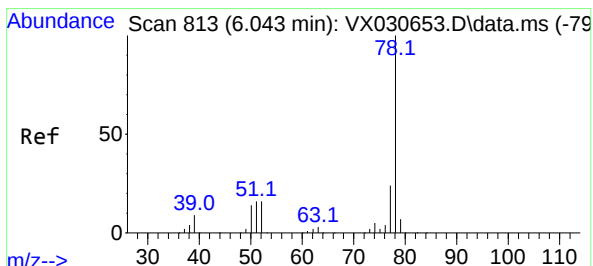
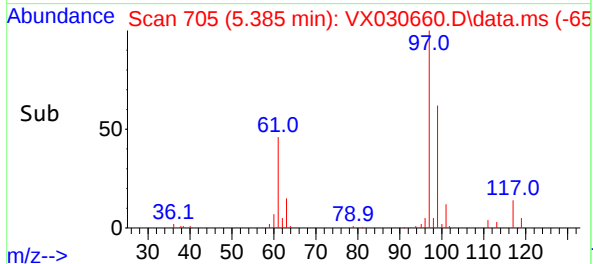
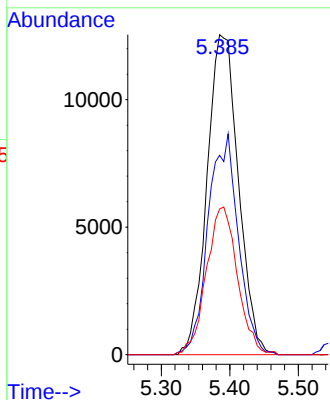
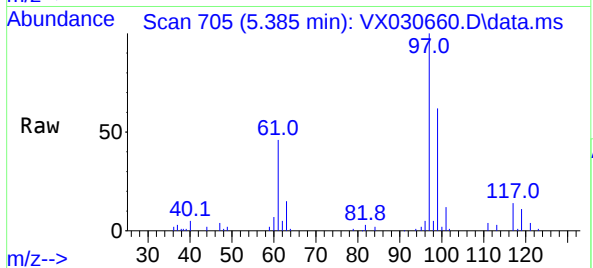
#30
1,1,1-Trichloroethane
Concen: 10.707 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX030660.D
Acq: 17 Aug 2022 15:15

Instrument :
MSVOA_X
ClientSampleId :
C0KN2

Tgt Ion: 97 Resp: 39910
Ion Ratio Lower Upper
97 100
99 37.8 51.4 77.0
61 45.7 37.0 55.6

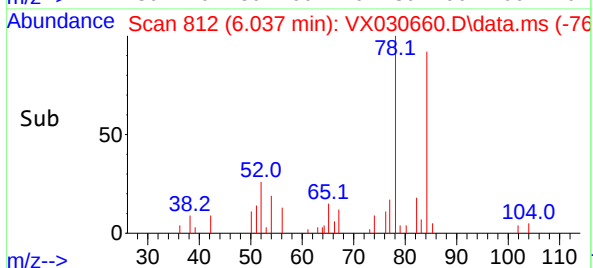
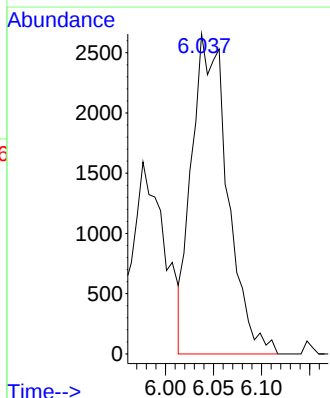
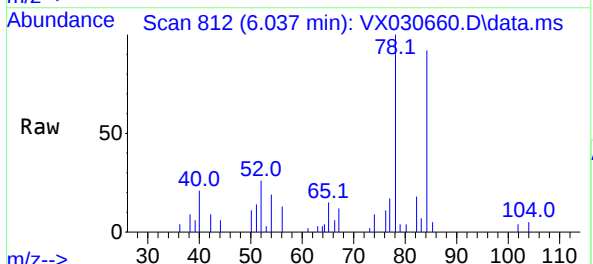
Manual Integrations
APPROVED

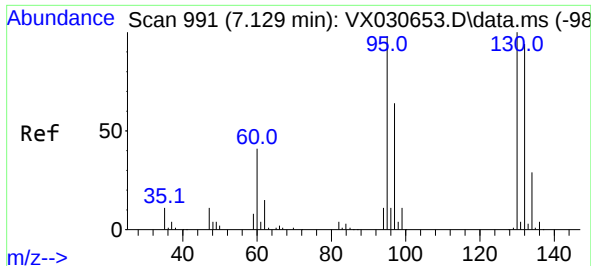
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#33
Benzene
Concen: 0.759 ug/L m
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX030660.D
Acq: 17 Aug 2022 15:15

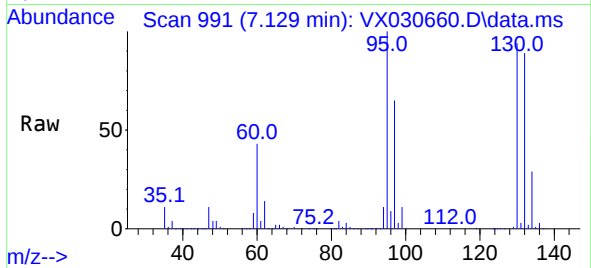
Tgt Ion: 78 Resp: 6873





#34
Trichloroethene
Concen: 1080.878 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030660.D
Acq: 17 Aug 2022 15:15

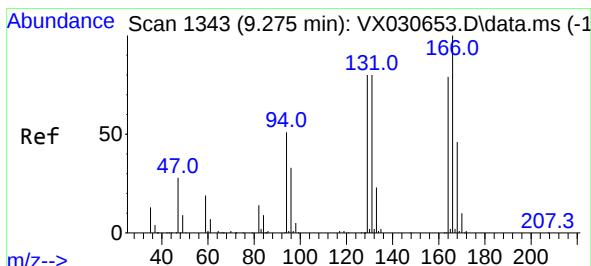
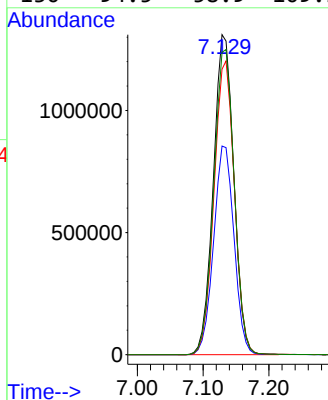
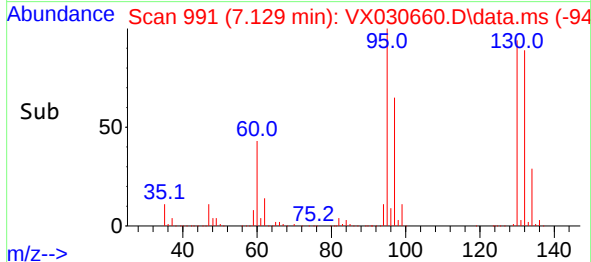
Instrument :
MSVOA_X
ClientSampleId :
C0KN2



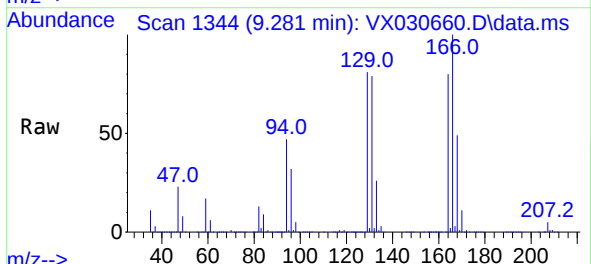
Tgt Ion: 95 Resp: 2836219
Ion Ratio Lower Upper
95 100
97 65.2 40.2 74.6
132 89.2 55.3 102.7
130 94.5 58.9 109.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#46
Tetrachloroethene
Concen: 506.078 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030660.D
Acq: 17 Aug 2022 15:15



Tgt Ion:164 Resp: 839245
Ion Ratio Lower Upper
164 100
129 102.2 72.7 135.1
131 99.1 69.9 129.9
166 125.6 88.3 164.1

