

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
 Data File : VX038257.D
 Acq On : 12 Oct 2023 15:26
 Operator : JC/MD
 Sample : 04699-08 5.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

Quant Time: Oct 13 06:42:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 06:37:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/13/2023
 Supervised By : Mahesh Dadoda 10/13/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	118240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201793	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95676	50.308	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.620%			
35) Dibromofluoromethane	5.385	113	73960	50.865	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.740%			
50) Toluene-d8	8.647	98	280931	50.561	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.120%			
62) 4-Bromofluorobenzene	11.079	95	103982	49.364	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6301	5.521	ug/l	99
3) Chloromethane	1.301	50	6357	5.465	ug/l	98
4) Vinyl Chloride	1.374	62	7897	6.123	ug/l	99
5) Bromomethane	1.599	94	12812	7.277	ug/l	95
6) Chloroethane	1.678	64	6550	5.726	ug/l	91
7) Trichlorofluoromethane	1.886	101	15934	6.255	ug/l	93
8) Diethyl Ether	2.130	74	5737	6.038	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	6711	6.034	ug/l	98
10) Methyl Iodide	2.453	142	8327	5.204	ug/l	96
11) Tert butyl alcohol	2.953	59	13024	28.122	ug/l	98
12) 1,1-Dichloroethene	2.313	96	6294	5.818	ug/l	83
13) Acrolein	2.239	56	7112	26.305	ug/l	99
14) Allyl chloride	2.660	41	9522	4.921	ug/l	88
15) Acrylonitrile	3.068	53	23227	26.837	ug/l	100
16) Acetone	2.380	43	25638	32.301	ug/l	97
17) Carbon Disulfide	2.514	76	14275	4.578	ug/l	96
18) Methyl Acetate	2.703	43	18854	5.539	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	22223	5.158	ug/l	96
20) Methylene Chloride	2.788	84	8177	5.477	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	7195	5.372	ug/l	88
22) Diisopropyl ether	3.763	45	20446	5.042	ug/l #	92
23) Vinyl Acetate	3.727	43	69592	23.400	ug/l	97
24) 1,1-Dichloroethane	3.611	63	13332	5.417	ug/l	97
25) 2-Butanone	4.562	43	35093	27.403	ug/l	97
26) 2,2-Dichloropropane	4.477	77	9346	4.864	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	8644	5.419	ug/l	90
28) Bromochloromethane	4.891	49	6239	5.616	ug/l #	92
29) Tetrahydrofuran	5.013	42	21258	25.496	ug/l	93
30) Chloroform	5.099	83	14702	5.463	ug/l	99
31) Cyclohexane	5.470	56	10877	5.279	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	11514	4.995	ug/l	95
36) 1,1-Dichloropropene	5.690	75	10902	5.437	ug/l	95
37) Ethyl Acetate	4.727	43	12788	5.370	ug/l	98
38) Carbon Tetrachloride	5.678	117	10268	5.206	ug/l	88
39) Methylcyclohexane	7.379	83	11580	4.931	ug/l	91
40) Benzene	6.037	78	31220	5.567	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
 Data File : VX038257.D
 Acq On : 12 Oct 2023 15:26
 Operator : JC/MD
 Sample : 04699-08 5.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

Quant Time: Oct 13 06:42:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 06:37:36 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/13/2023
 Supervised By : Mahesh Dadoda 10/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	5494	4.638	ug/l #	84
42) 1,2-Dichloroethane	6.086	62	12514	5.585	ug/l	99
43) Isopropyl Acetate	6.342	43	17016	4.787	ug/l	98
44) Trichloroethene	7.129	130	8188	5.582	ug/l	97
45) 1,2-Dichloropropane	7.434	63	7648	5.269	ug/l	99
46) Dibromomethane	7.580	93	6064	5.387	ug/l	98
47) Bromodichloromethane	7.824	83	9801	4.894	ug/l	93
48) Methyl methacrylate	7.696	41	8429	4.967	ug/l	88
49) 1,4-Dioxane	7.665	88	4219	100.886	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	63190	25.770	ug/l	98
52) Toluene	8.720	92	20456	5.599	ug/l	93
53) t-1,3-Dichloropropene	8.982	75	9103	4.235	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	10383	4.597	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	8637	5.527	ug/l	93
56) Ethyl methacrylate	9.116	69	11125	4.644	ug/l	96
57) 1,3-Dichloropropane	9.311	76	13392	5.299	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	25838	21.971	ug/l	98
59) 2-Hexanone	9.433	43	52513	26.639	ug/l	99
60) Dibromochloromethane	9.519	129	6955	4.548	ug/l	99
61) 1,2-Dibromoethane	9.610	107	8939	5.290	ug/l	95
64) Tetrachloroethene	9.275	164	7052	5.347	ug/l	90
65) Chlorobenzene	10.079	112	22620	5.306	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	6928	4.806	ug/l	99
67) Ethyl Benzene	10.195	91	38576	5.070	ug/l	98
68) m/p-Xylenes	10.305	106	29324	9.967	ug/l	98
69) o-Xylene	10.640	106	14091	4.907	ug/l	100
70) Styrene	10.659	104	22400	4.790	ug/l	98
71) Bromoform	10.799	173	5145	4.332	ug/l #	96
73) Isopropylbenzene	10.963	105	37111	5.108	ug/l	99
74) N-amyl acetate	10.841	43	13111	4.226	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	14286	5.359	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	12409m	5.038	ug/l	
77) Bromobenzene	11.201	156	9287	5.236	ug/l	94
78) n-propylbenzene	11.305	91	45097	5.076	ug/l	100
79) 2-Chlorotoluene	11.366	91	27821	5.281	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	31407	5.011	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	2569	3.330	ug/l #	83
82) 4-Chlorotoluene	11.457	91	31242	5.011	ug/l	97
83) tert-Butylbenzene	11.713	119	29880	4.878	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	31377	5.021	ug/l	99
85) sec-Butylbenzene	11.890	105	39734	5.008	ug/l	98
86) p-Isopropyltoluene	12.012	119	32352	4.942	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	18536	5.203	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	19257	5.294	ug/l	95
89) n-Butylbenzene	12.335	91	31849	4.885	ug/l	96
90) Hexachloroethane	12.536	117	4675	4.307	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	18023	5.263	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2772	4.300	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	11666	5.079	ug/l	96
94) Hexachlorobutadiene	13.725	225	4849	5.245	ug/l	98
95) Naphthalene	13.774	128	36822	4.603	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	11397	5.124	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
Data File : VX038257.D
Acq On : 12 Oct 2023 15:26
Operator : JC/MD
Sample : 04699-08 5.0PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

Quant Time: Oct 13 06:42:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 13 06:37:36 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

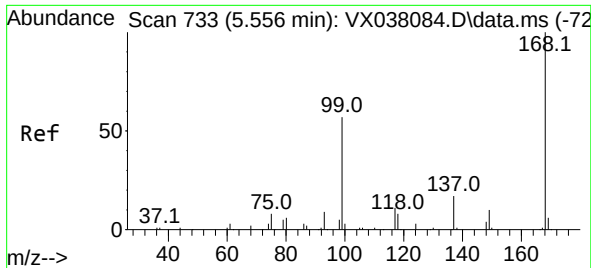
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

Manual Integrations

Quant Time: Oct 13 06:42:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 13 06:37:36 2023
Response via : Initial Calibration





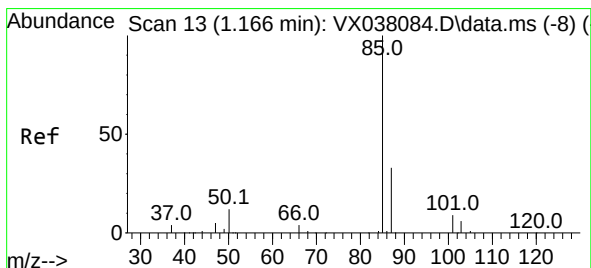
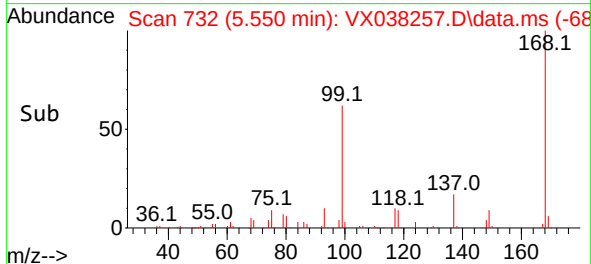
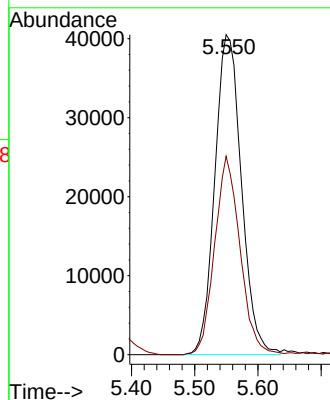
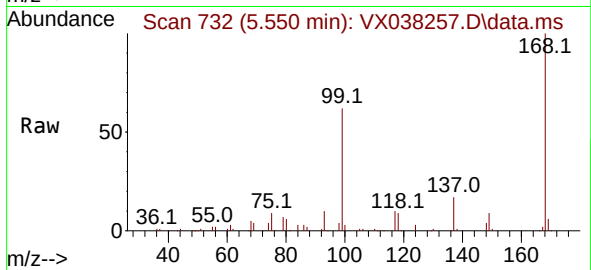
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:168 Resp: 118240
Ion Ratio Lower Upper
168 100
99 62.0 56.6 85.0

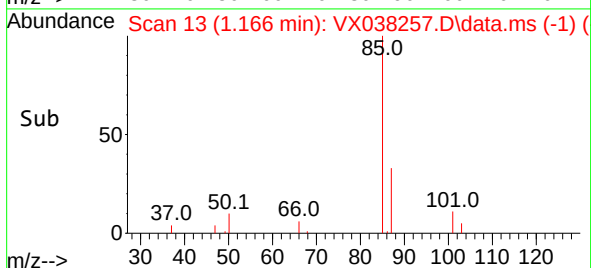
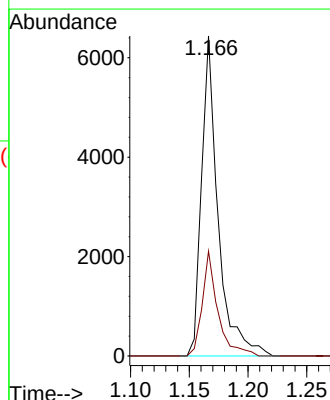
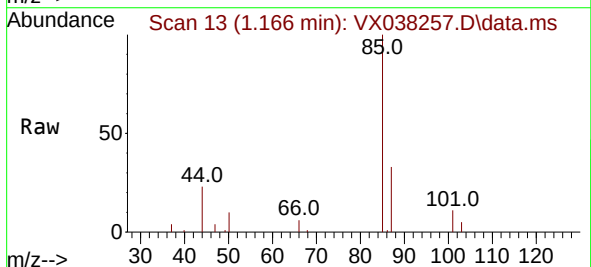
Manual Integrations
APPROVED

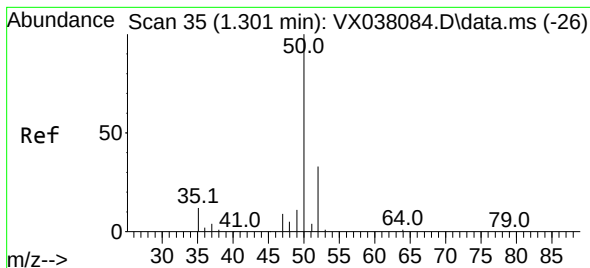
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#2
Dichlorodifluoromethane
Concen: 5.521 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

Tgt Ion: 85 Resp: 6301
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.1





#3

Chloromethane

Concen: 5.465 ug/l

RT: 1.301 min Scan# 35

Delta R.T. -0.000 min

Lab File: VX038257.D

Acq: 12 Oct 2023 15:26

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion: 50 Resp: 635

Ion Ratio Lower Upper

50 100

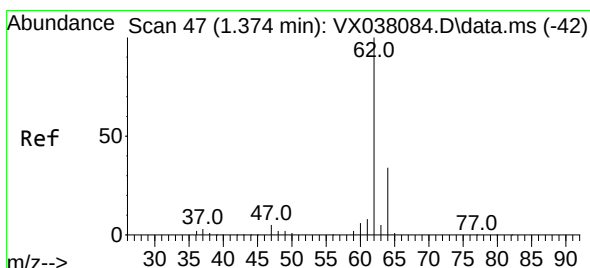
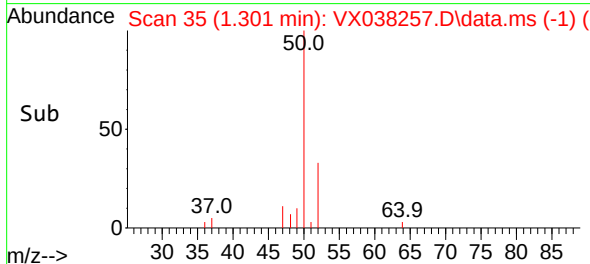
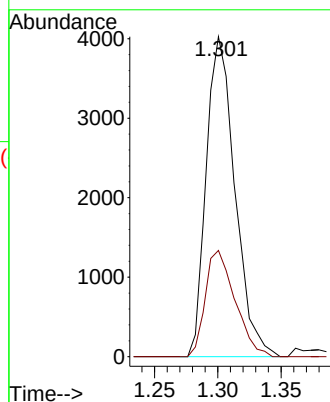
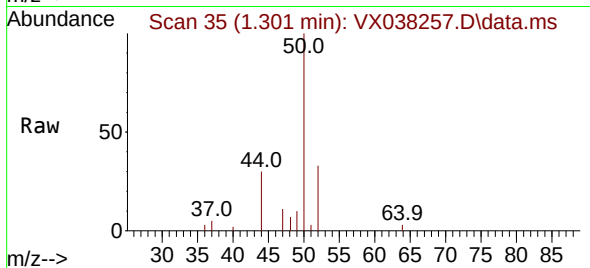
52 33.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#4

Vinyl Chloride

Concen: 6.123 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX038257.D

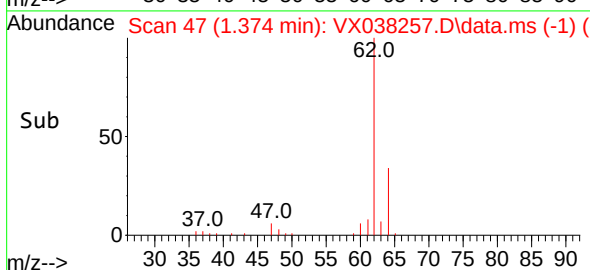
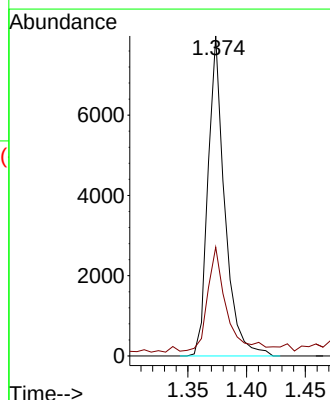
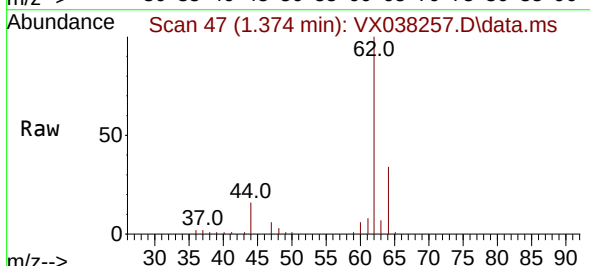
Acq: 12 Oct 2023 15:26

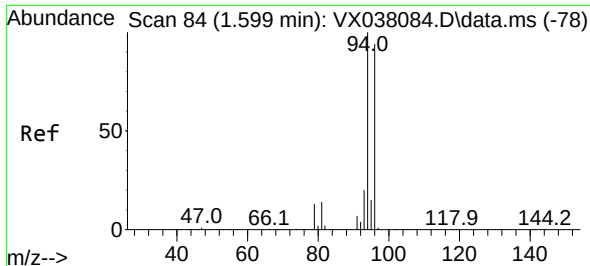
Tgt Ion: 62 Resp: 7897

Ion Ratio Lower Upper

62 100

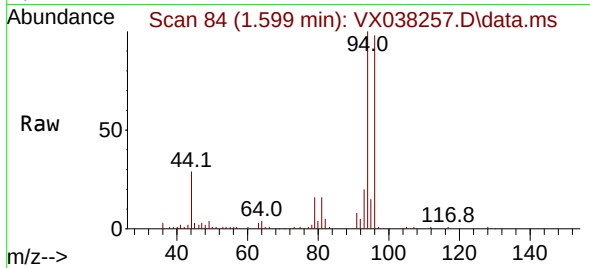
64 32.5 25.4 38.0





#5
Bromomethane
Concen: 7.277 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

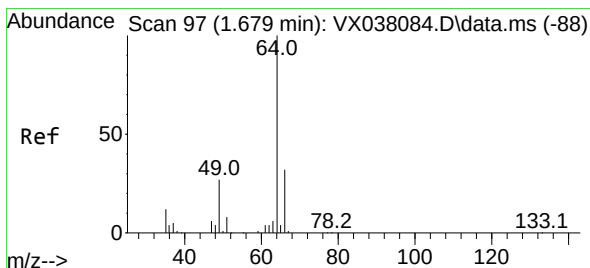
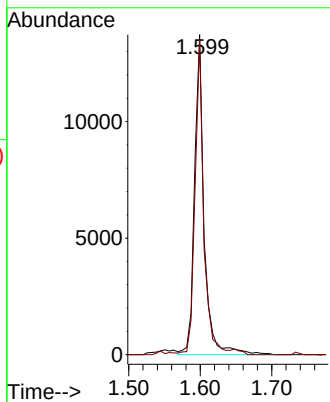
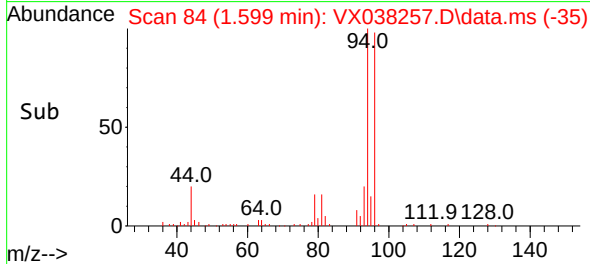
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 94 Resp: 1281
Ion Ratio Lower Upper
94 100
96 98.3 74.6 111.8

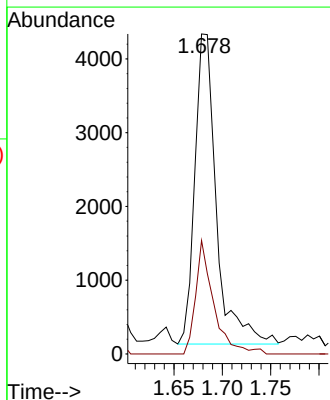
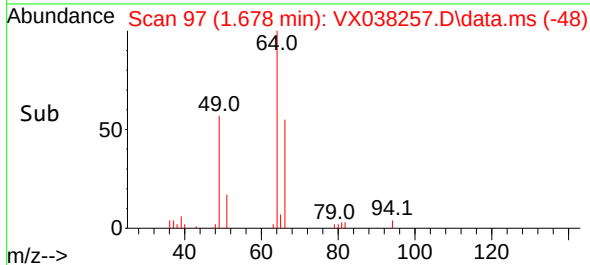
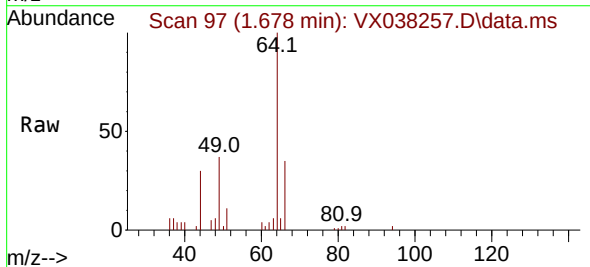
Manual Integrations
APPROVED

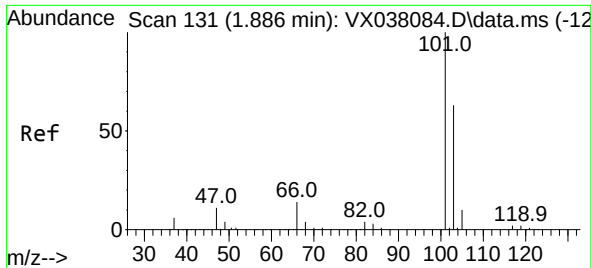
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#6
Chloroethane
Concen: 5.726 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

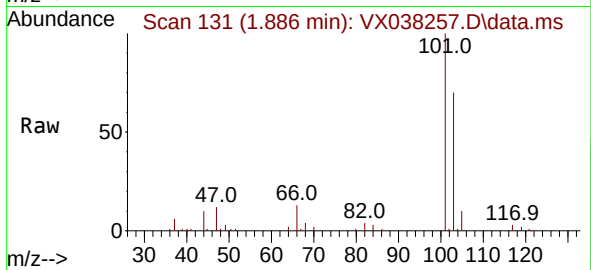
Tgt Ion: 64 Resp: 6550
Ion Ratio Lower Upper
64 100
66 36.6 25.1 37.7





#7
Trichlorofluoromethane
Concen: 6.255 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

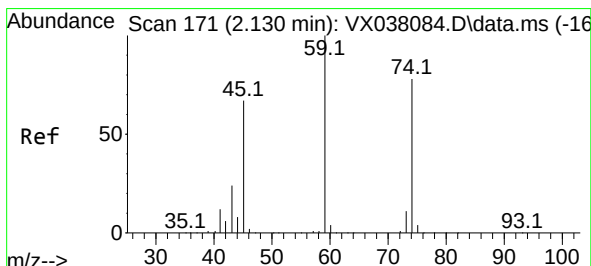
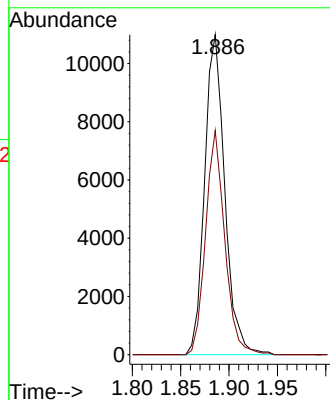
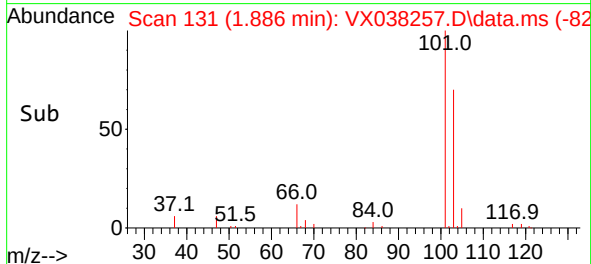
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



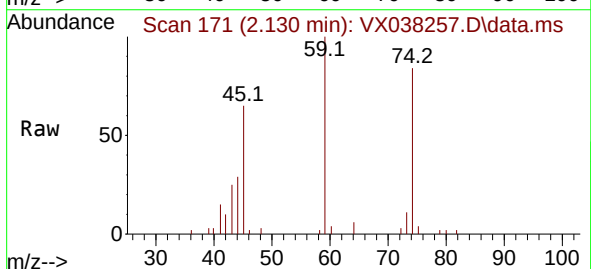
Tgt Ion:101 Resp: 15934
Ion Ratio Lower Upper
101 100
103 70.1 51.4 77.2

Manual Integrations
APPROVED

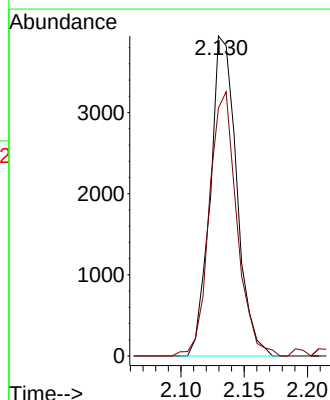
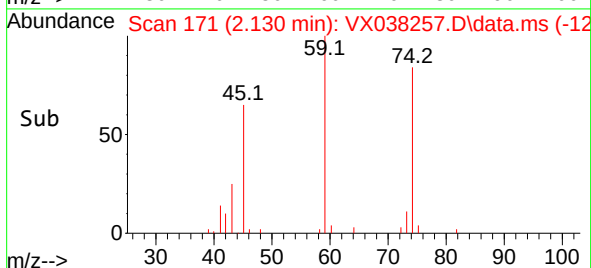
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

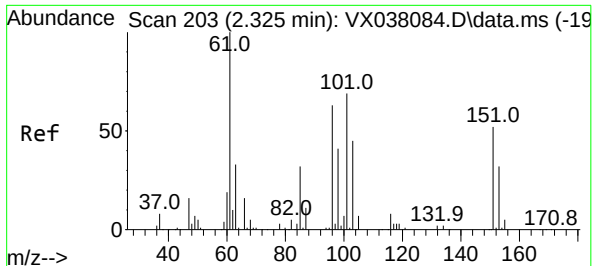


#8
Diethyl Ether
Concen: 6.038 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26



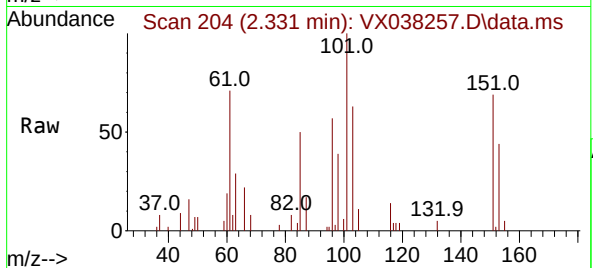
Tgt Ion: 74 Resp: 5737
Ion Ratio Lower Upper
74 100
45 85.9 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.034 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

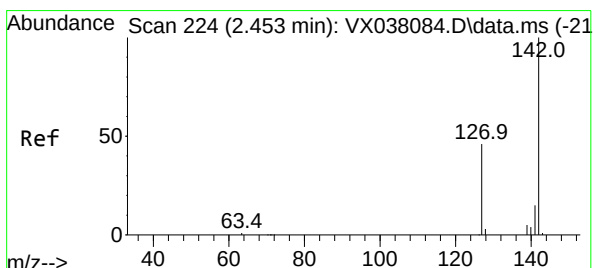
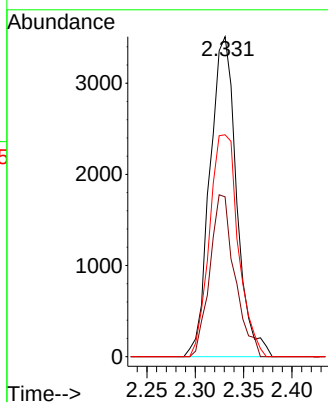
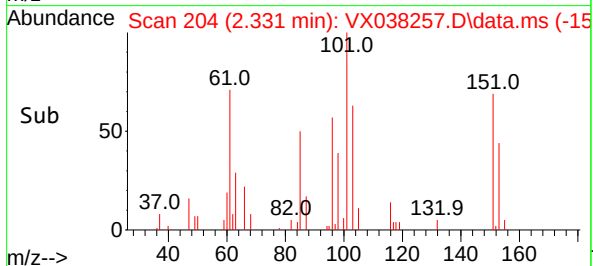
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion:101 Resp: 671
Ion Ratio Lower Upper
101 100
85 47.4 37.0 55.6
151 74.7 58.6 87.8

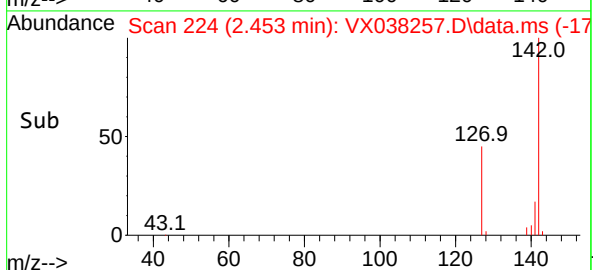
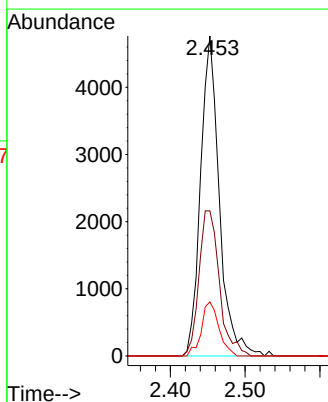
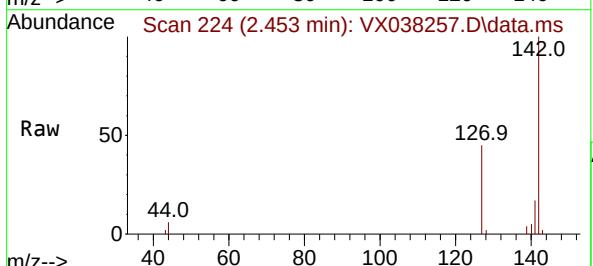
Manual Integrations
APPROVED

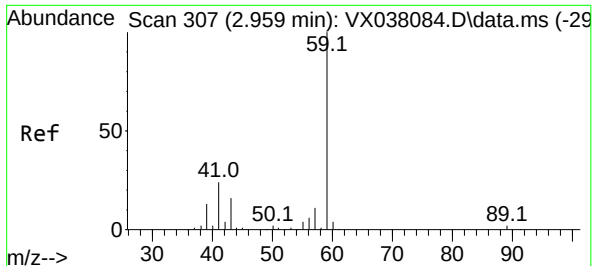
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#10
Methyl Iodide
Concen: 5.204 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

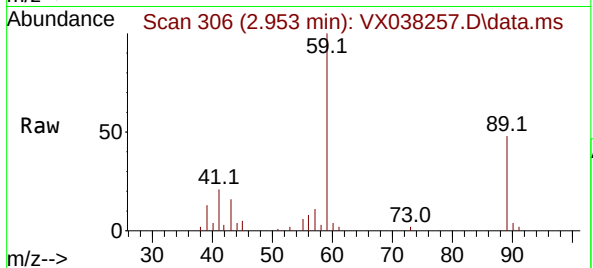
Tgt Ion:142 Resp: 8327
Ion Ratio Lower Upper
142 100
127 49.2 41.6 62.4
141 15.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 28.122 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

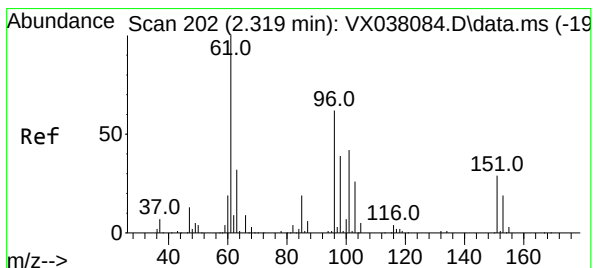
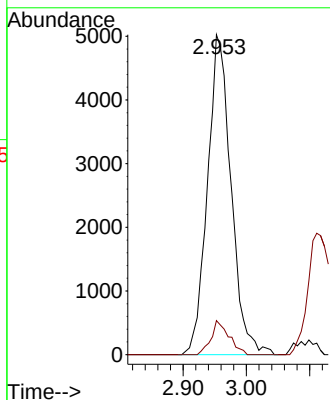
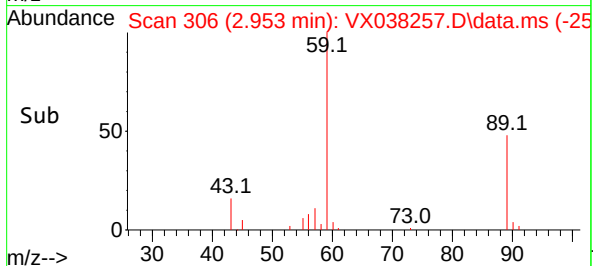
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 59 Resp: 13024
Ion Ratio Lower Upper
59 100
57 8.1 6.0 9.0

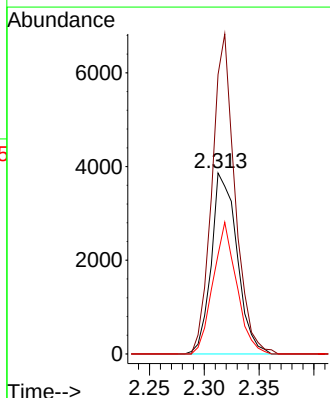
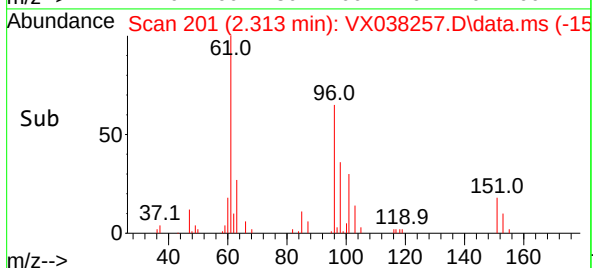
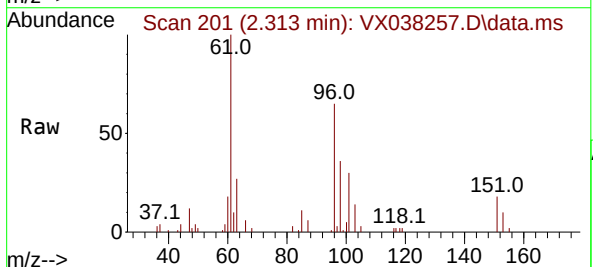
Manual Integrations
APPROVED

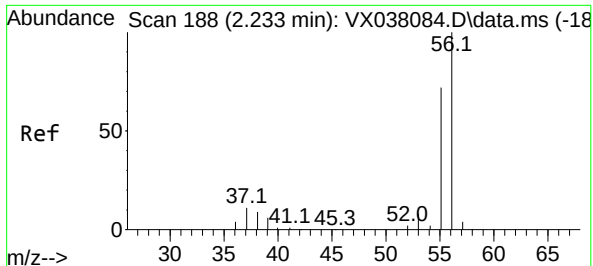
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#12
1,1-Dichloroethene
Concen: 5.818 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

Tgt Ion: 96 Resp: 6294
Ion Ratio Lower Upper
96 100
61 154.3 144.6 216.8
98 54.8 50.4 75.6





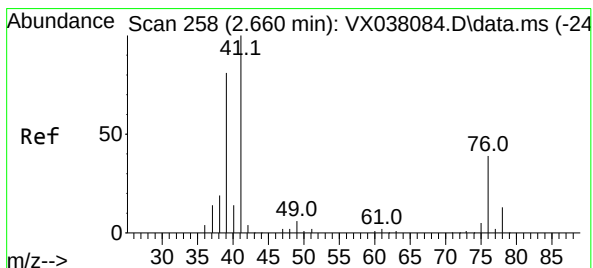
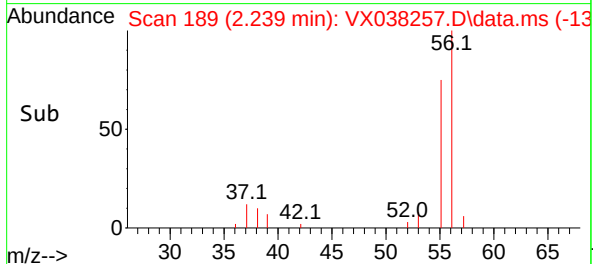
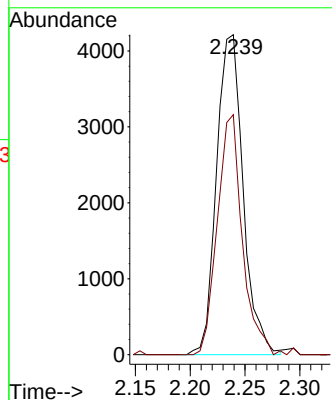
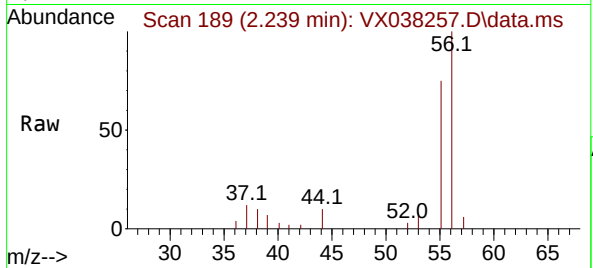
#13
Acrolein
Concen: 26.305 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 56 Resp: 711
Ion Ratio Lower Upper
56 100
55 70.5 57.1 85.7

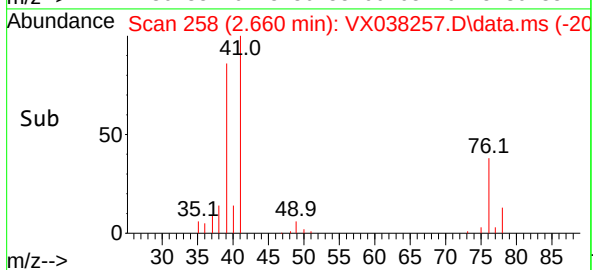
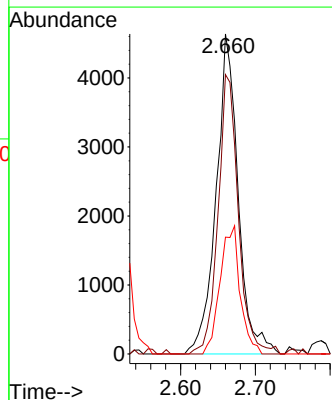
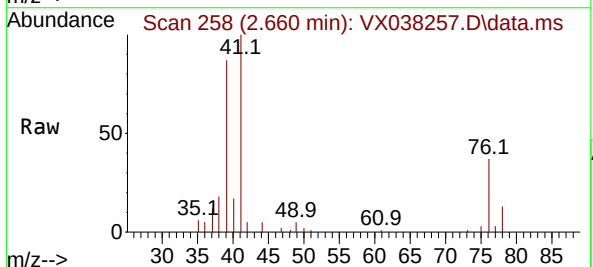
Manual Integrations
APPROVED

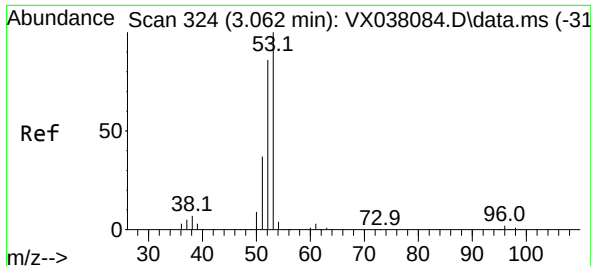
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#14
Allyl chloride
Concen: 4.921 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

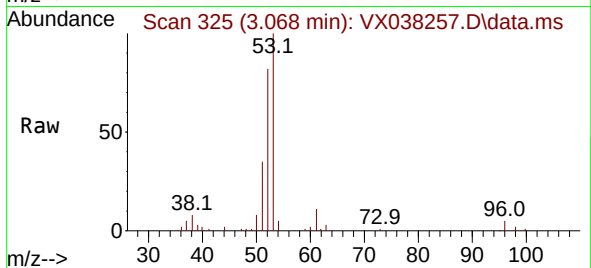
Tgt Ion: 41 Resp: 9522
Ion Ratio Lower Upper
41 100
39 80.4 55.8 83.6
76 36.4 24.3 36.5





#15
Acrylonitrile
Concen: 26.837 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

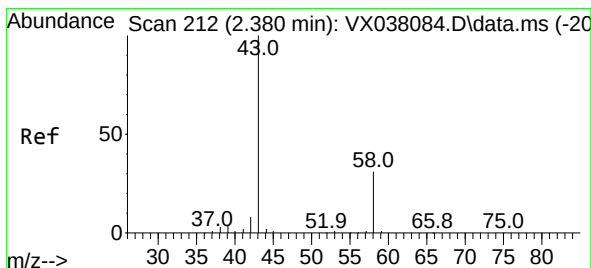
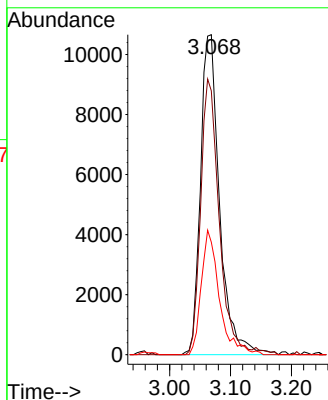
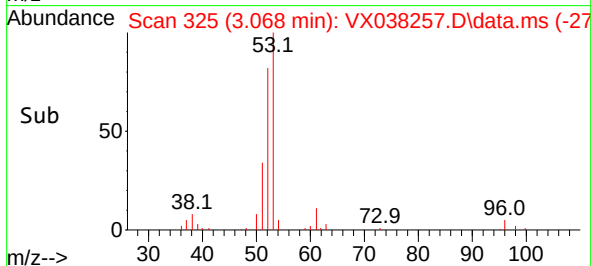
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



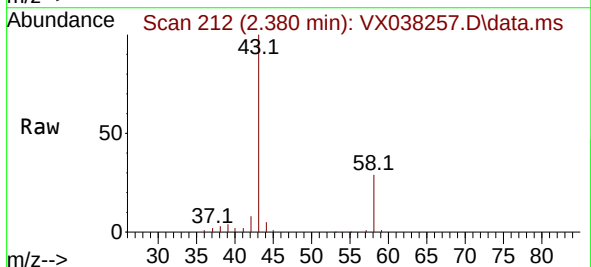
Tgt Ion: 53 Resp: 2322
Ion Ratio Lower Upper
53 100
52 82.9 66.0 99.0
51 37.0 29.8 44.6

Manual Integrations
APPROVED

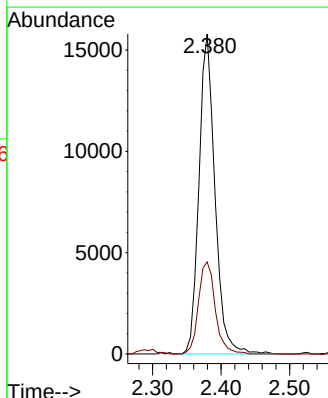
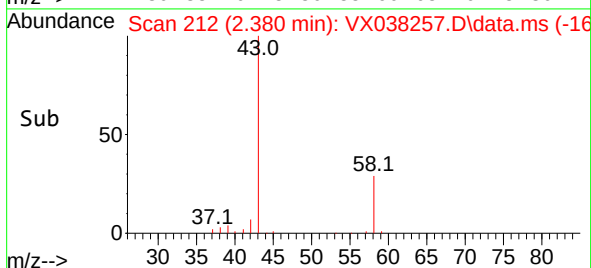
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

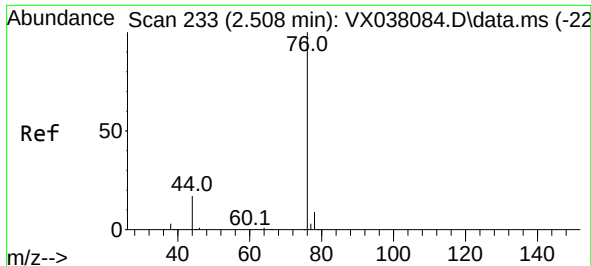


#16
Acetone
Concen: 32.301 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26



Tgt Ion: 43 Resp: 25638
Ion Ratio Lower Upper
43 100
58 28.7 21.9 32.9





#17

Carbon Disulfide

Concen: 4.578 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX038257.D

Acq: 12 Oct 2023 15:26

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion: 76 Resp: 14275

Ion Ratio Lower Upper

76 100

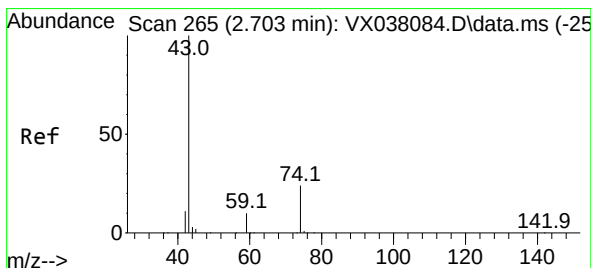
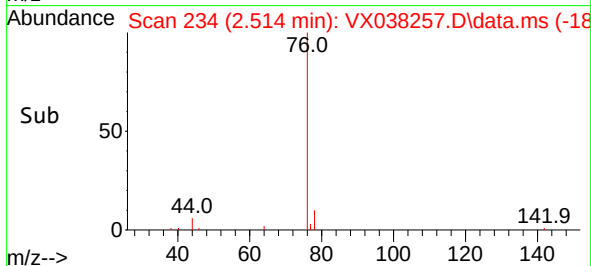
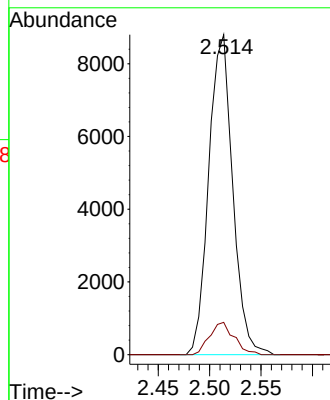
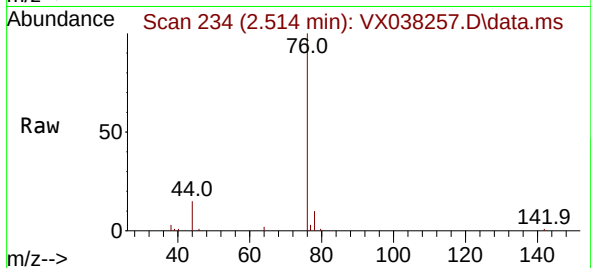
78 10.1 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#18

Methyl Acetate

Concen: 5.539 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX038257.D

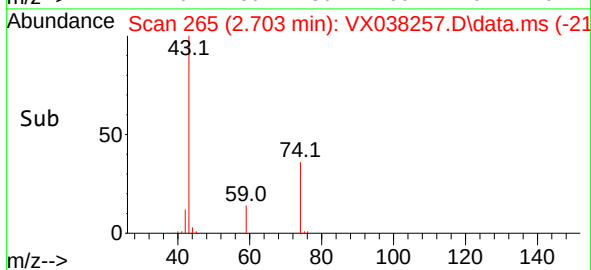
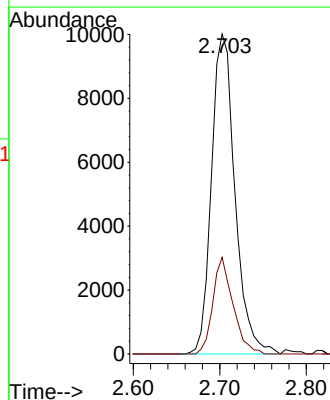
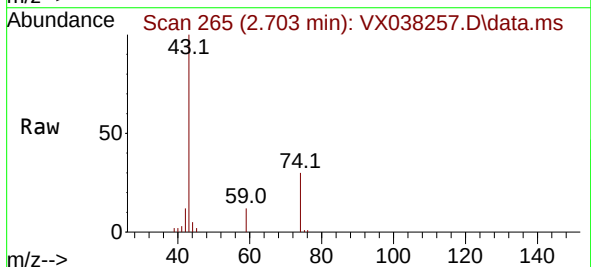
Acq: 12 Oct 2023 15:26

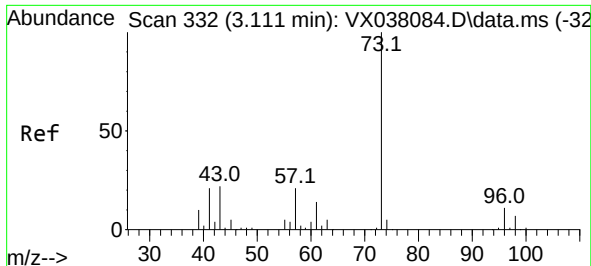
Tgt Ion: 43 Resp: 18854

Ion Ratio Lower Upper

43 100

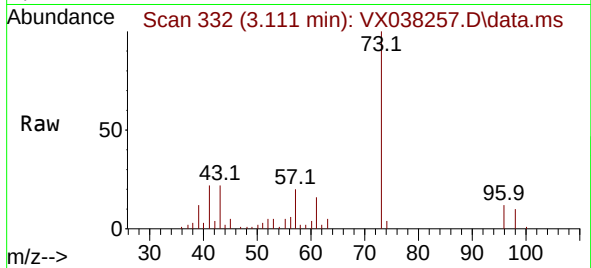
74 25.8 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 5.158 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

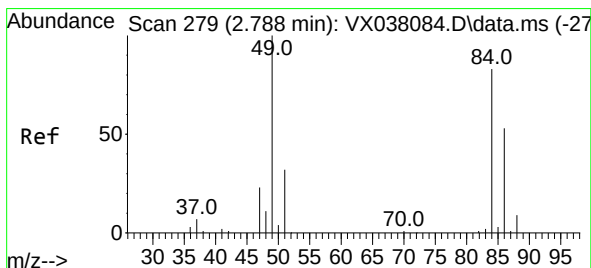
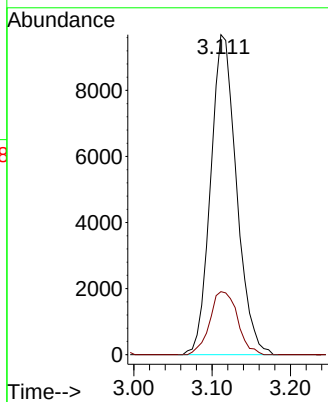
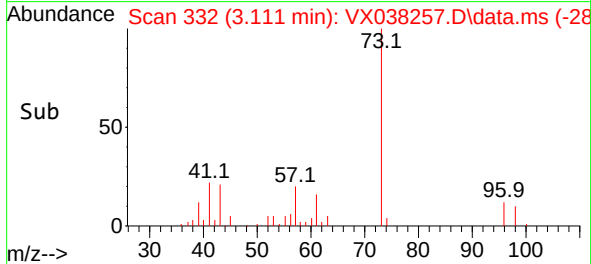
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 73 Resp: 2222
Ion Ratio Lower Upper
73 100
57 19.7 17.3 25.9

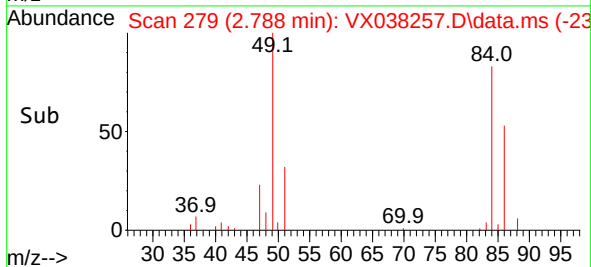
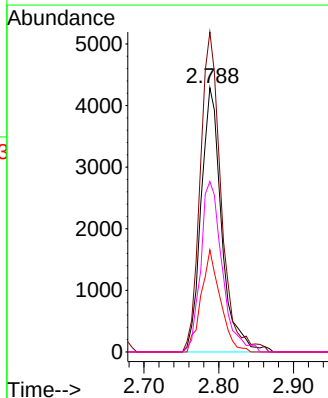
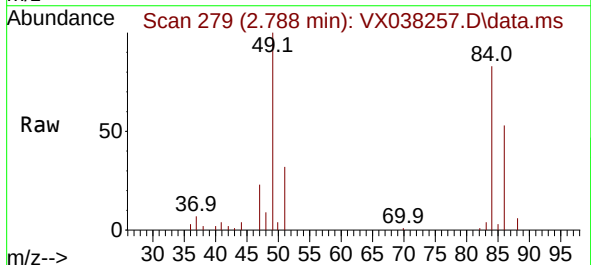
Manual Integrations
APPROVED

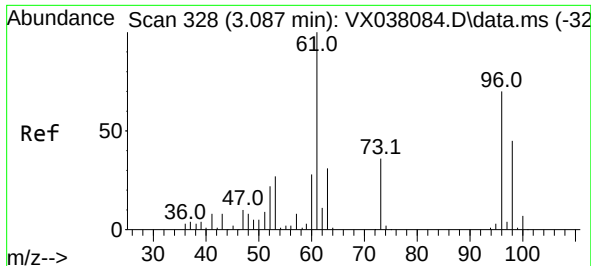
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#20
Methylene Chloride
Concen: 5.477 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

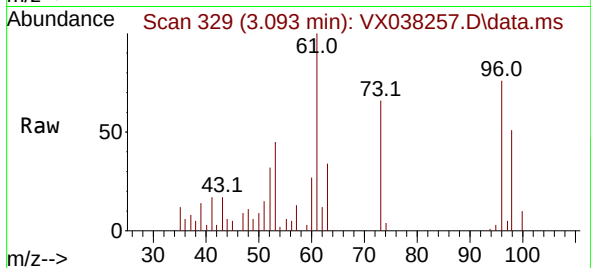
Tgt Ion: 84 Resp: 8177
Ion Ratio Lower Upper
84 100
49 121.1 103.6 155.4
51 38.6 33.8 50.6
86 64.5 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 5.372 ug/l
RT: 3.093 min Scan# 319
Delta R.T. 0.006 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

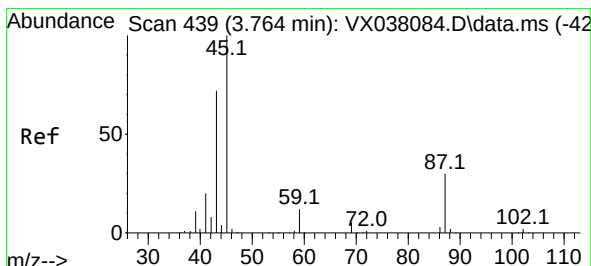
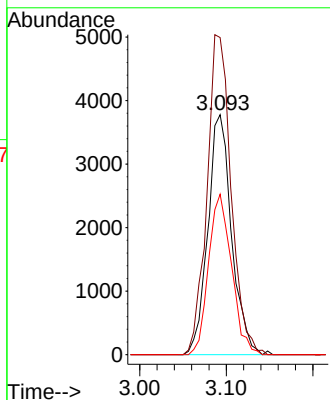
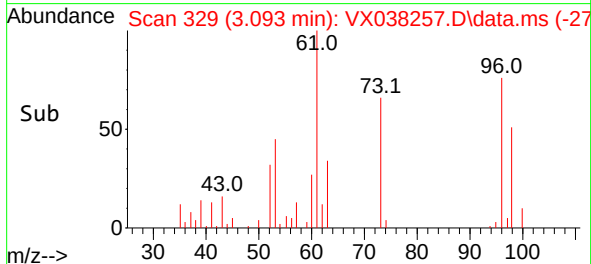
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 96 Resp: 719
Ion Ratio Lower Upper
96 100
61 132.1 119.2 178.8
98 66.9 48.7 73.1

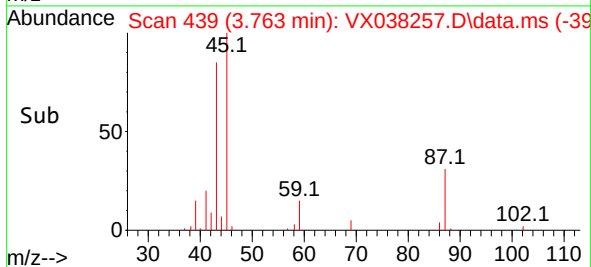
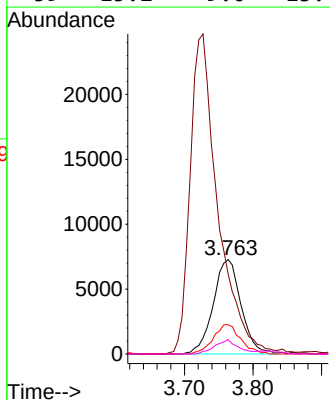
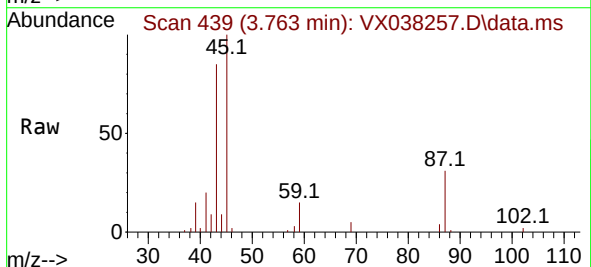
Manual Integrations
APPROVED

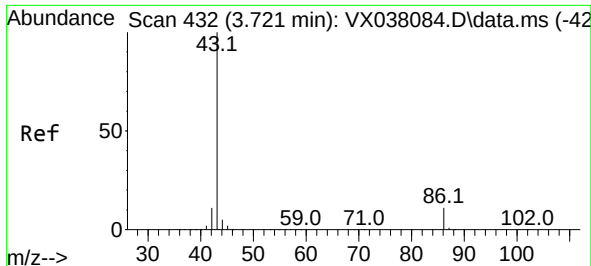
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#22
Diisopropyl ether
Concen: 5.042 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.001 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

Tgt Ion: 45 Resp: 20446
Ion Ratio Lower Upper
45 100
43 80.9 69.7 104.5
87 30.9 20.8 31.2
59 15.2 9.0 13.4





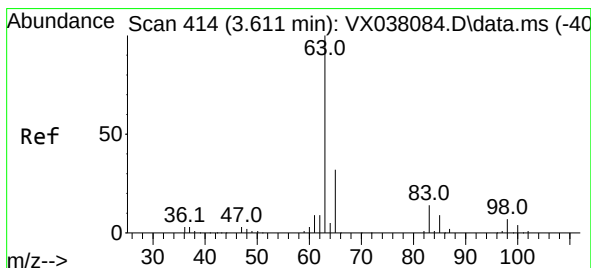
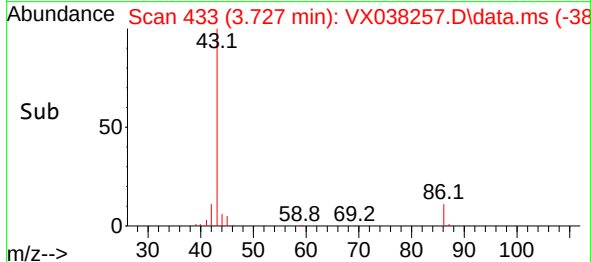
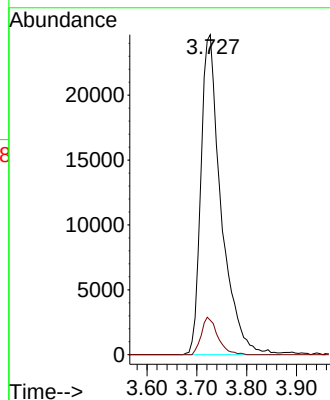
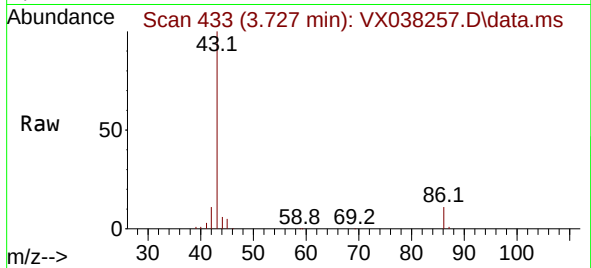
#23
 Vinyl Acetate
 Concen: 23.400 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX038257.D
 Acq: 12 Oct 2023 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

Tgt Ion: 43 Resp: 69592
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.8 11.8

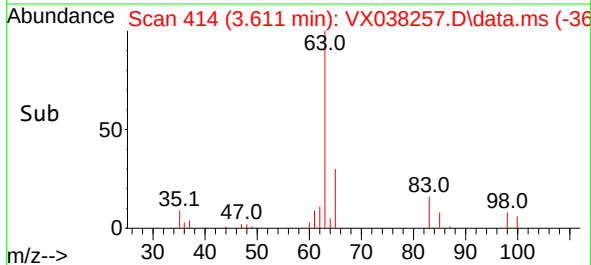
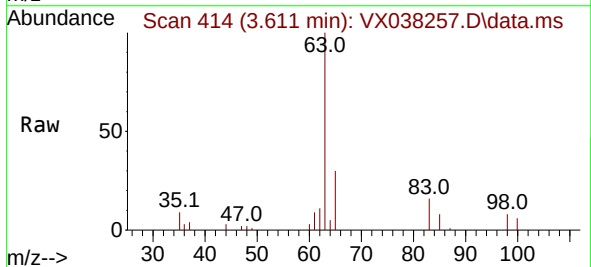
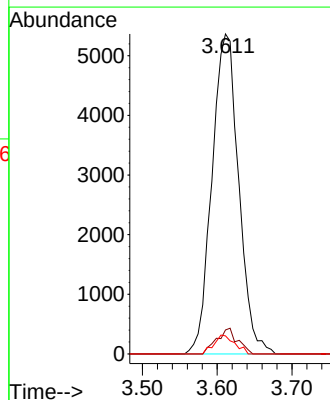
Manual Integrations
 APPROVED

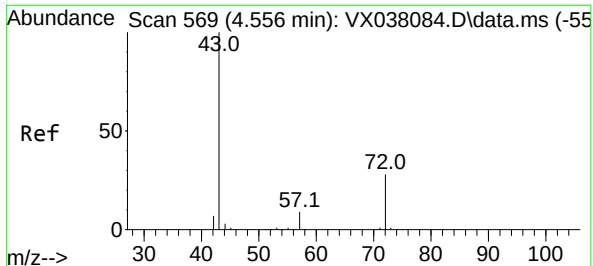
Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023



#24
 1,1-Dichloroethane
 Concen: 5.417 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038257.D
 Acq: 12 Oct 2023 15:26

Tgt Ion: 63 Resp: 13332
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.8
 100 5.7 2.1 6.5





#25

2-Butanone

Concen: 27.403 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX038257.D

Acq: 12 Oct 2023 15:26

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion: 43 Resp: 3509

Ion Ratio Lower Upper

43 100

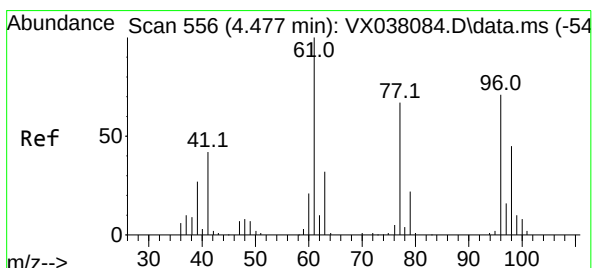
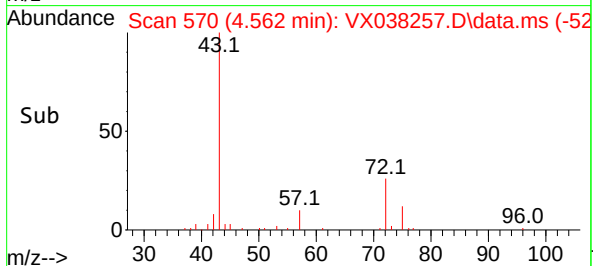
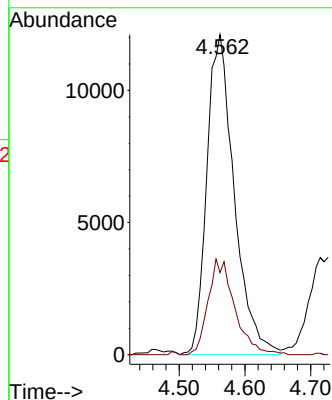
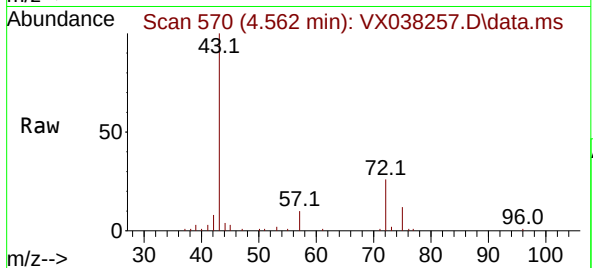
72 25.6 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#26

2,2-Dichloropropane

Concen: 4.864 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX038257.D

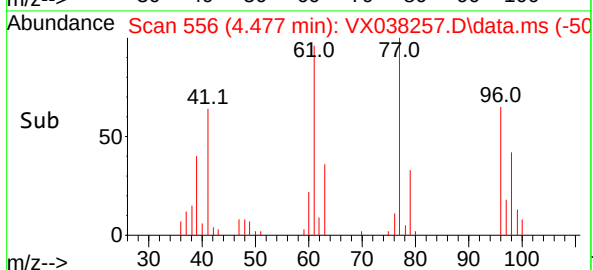
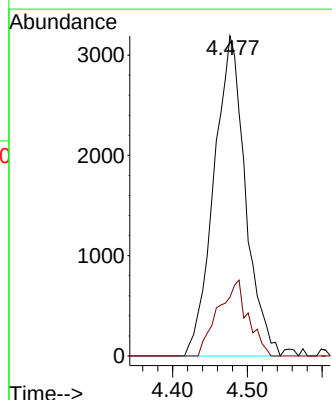
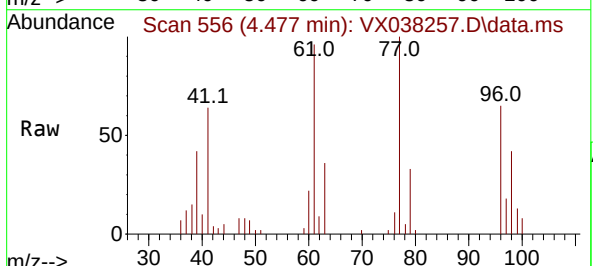
Acq: 12 Oct 2023 15:26

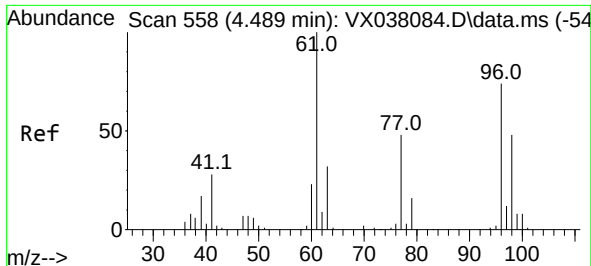
Tgt Ion: 77 Resp: 9346

Ion Ratio Lower Upper

77 100

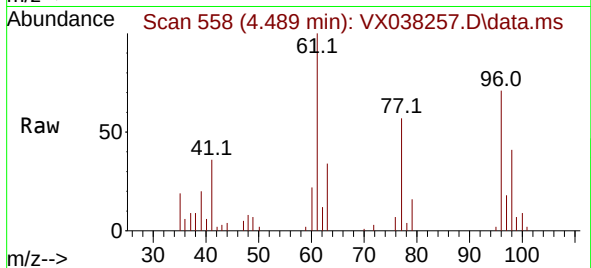
97 22.4 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 5.419 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX038257.D
 Acq: 12 Oct 2023 15:26

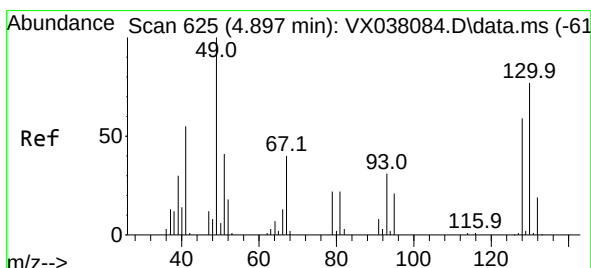
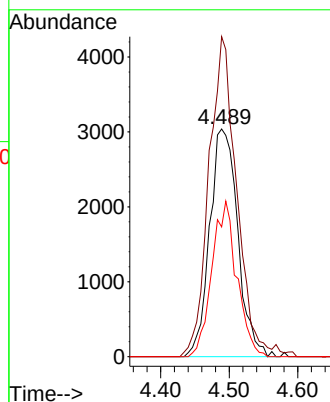
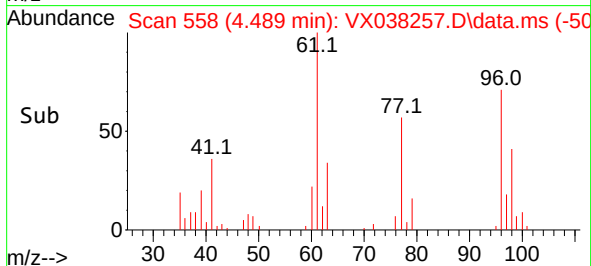
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2023



Tgt Ion: 96 Resp: 864
 Ion Ratio Lower Upper
 96 100
 61 139.8 0.0 312.2
 98 60.6 0.0 129.0

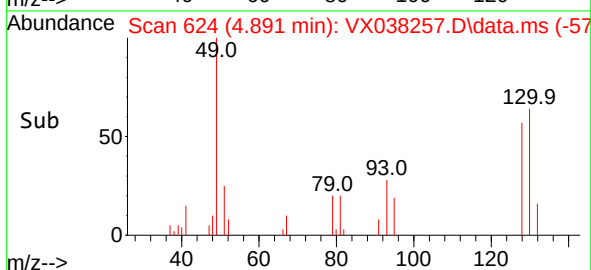
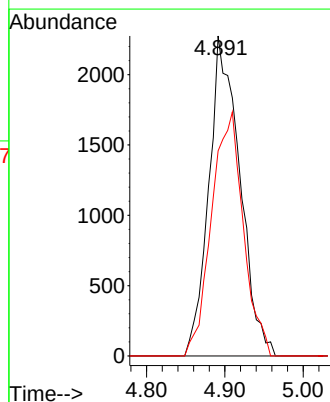
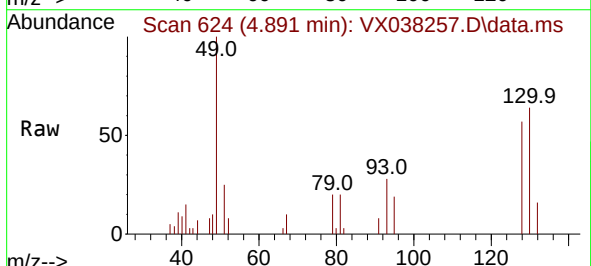
Manual Integrations
 APPROVED

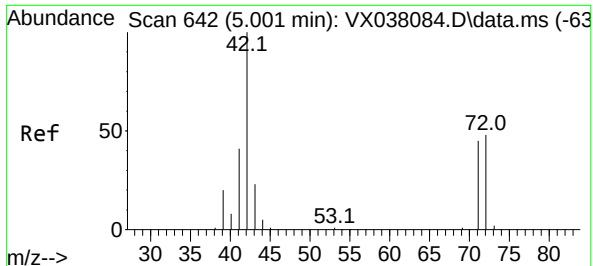
Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023



#28
 Bromochloromethane
 Concen: 5.616 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX038257.D
 Acq: 12 Oct 2023 15:26

Tgt Ion: 49 Resp: 6239
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 78.4 57.5 86.3





#29

Tetrahydrofuran

Concen: 25.496 ug/l

RT: 5.013 min Scan# 642

Delta R.T. 0.012 min

Lab File: VX038257.D

Acq: 12 Oct 2023 15:26

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

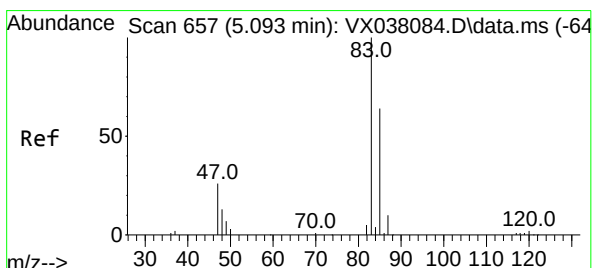
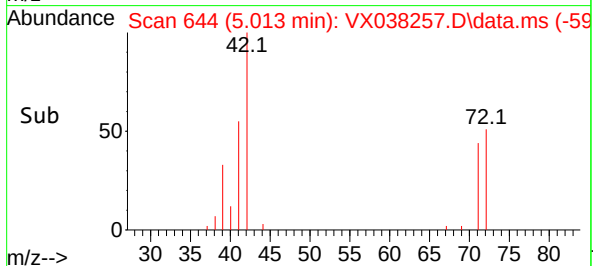
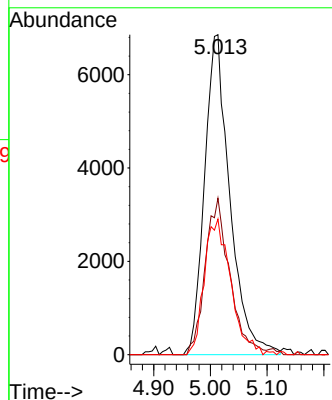
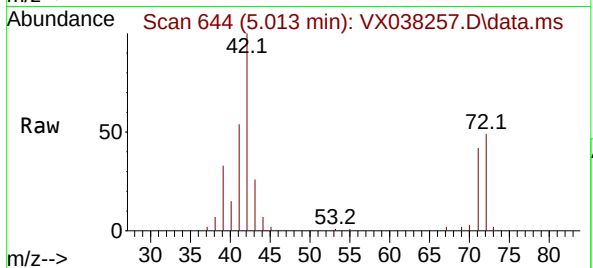
Tgt Ion: 42	Resp: 2125
Ion Ratio	Lower Upper
42 100	
72 47.5	34.2 51.4
71 44.2	32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#30

Chloroform

Concen: 5.463 ug/l

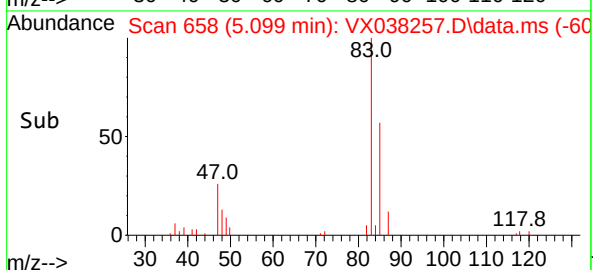
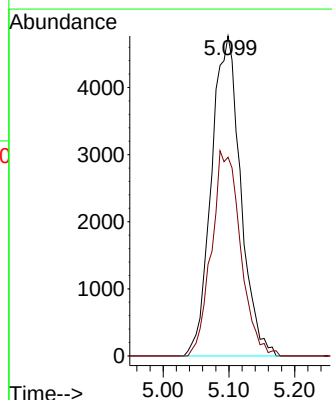
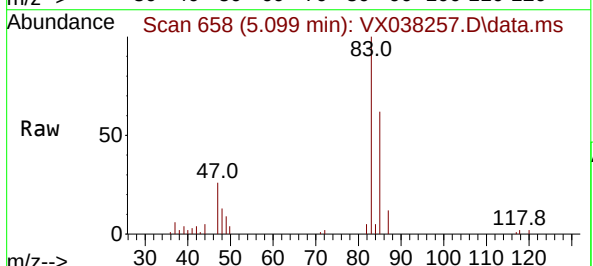
RT: 5.099 min Scan# 658

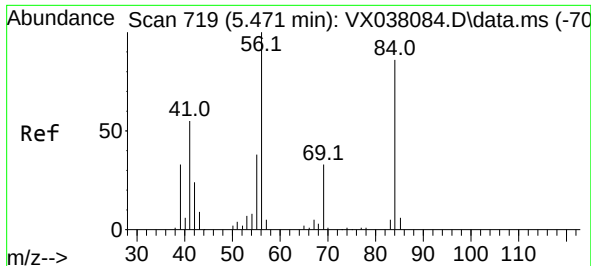
Delta R.T. 0.006 min

Lab File: VX038257.D

Acq: 12 Oct 2023 15:26

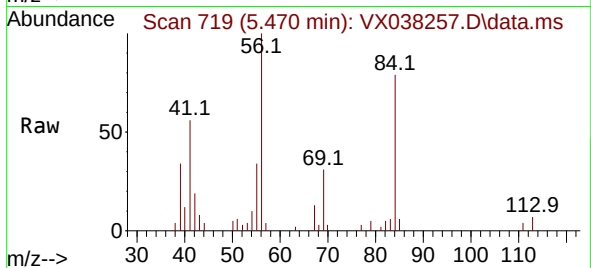
Tgt Ion: 83	Resp: 14702
Ion Ratio	Lower Upper
83 100	
85 62.1	50.3 75.5





#31
Cyclohexane
Concen: 5.279 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

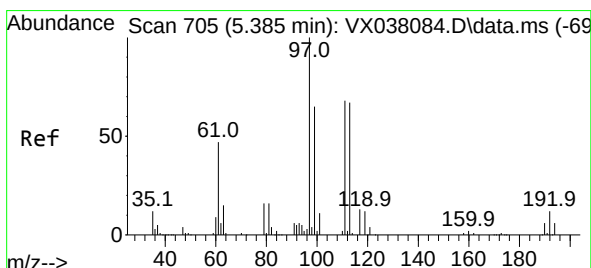
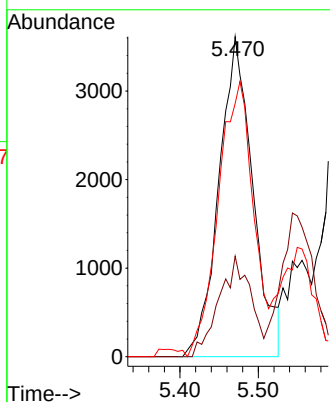
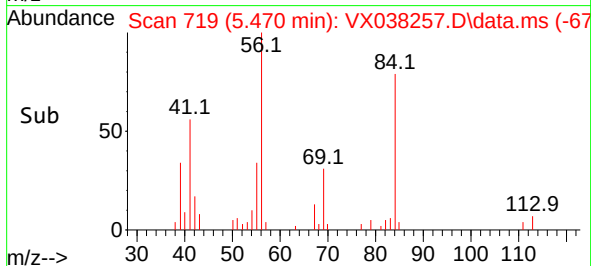
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 56 Resp: 1087
Ion Ratio Lower Upper
56 100
69 31.4 23.4 35.2
84 77.4 65.9 98.9

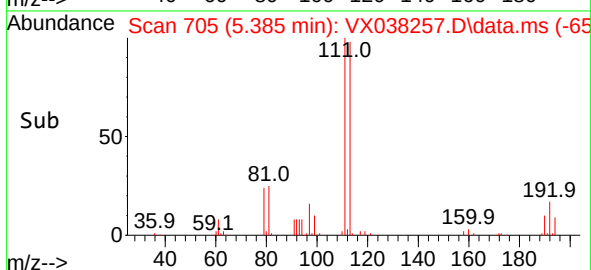
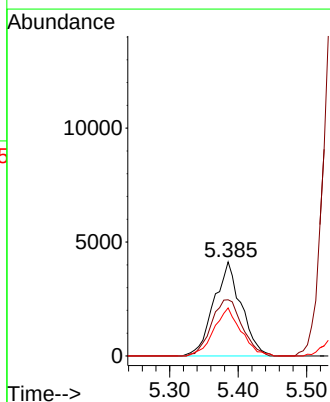
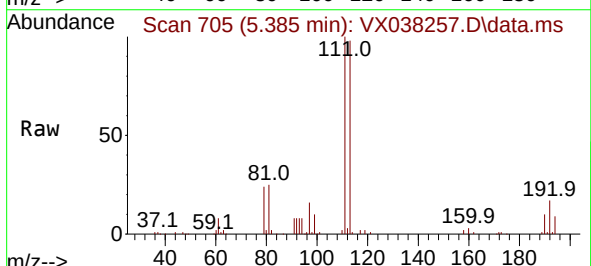
Manual Integrations
APPROVED

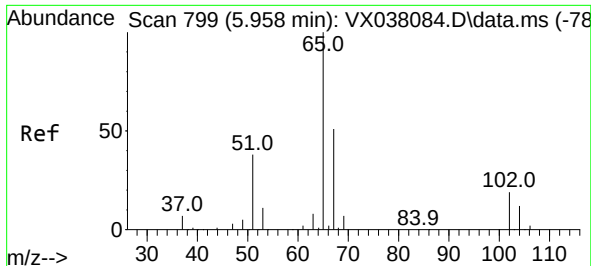
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#32
1,1,1-Trichloroethane
Concen: 4.995 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

Tgt Ion: 97 Resp: 11514
Ion Ratio Lower Upper
97 100
99 66.7 51.1 76.7
61 50.5 36.4 54.6





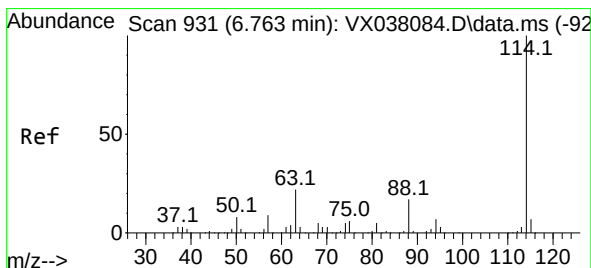
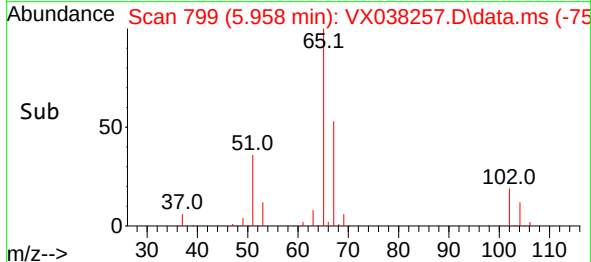
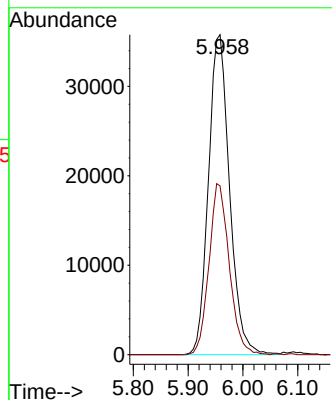
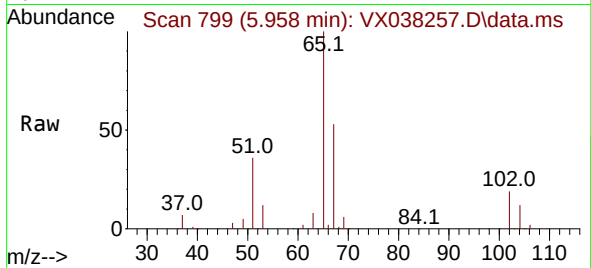
#33
 1,2-Dichloroethane-d4
 Concen: 50.308 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038257.D
 Acq: 12 Oct 2023 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

Tgt Ion: 65 Resp: 95670
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 100.2

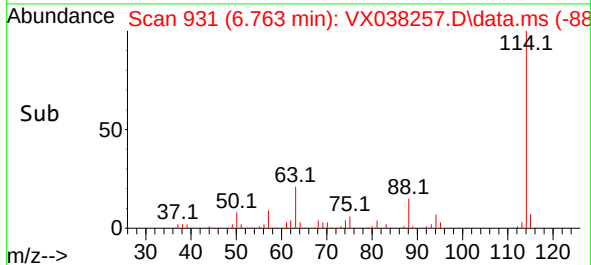
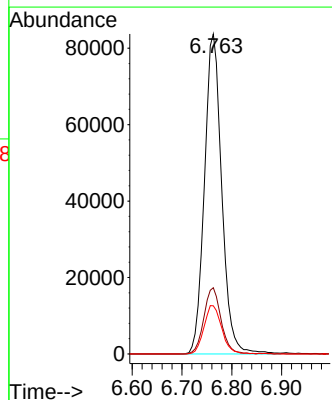
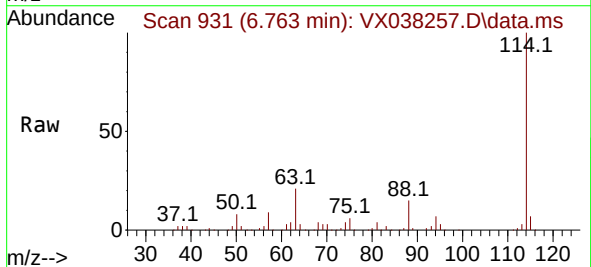
Manual Integrations
 APPROVED

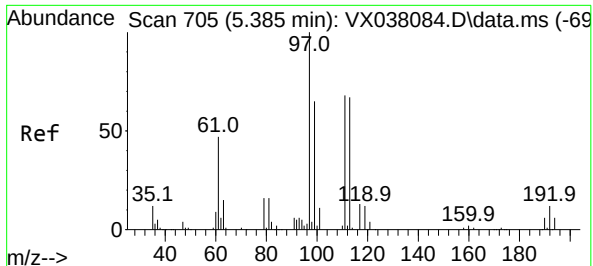
Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038257.D
 Acq: 12 Oct 2023 15:26

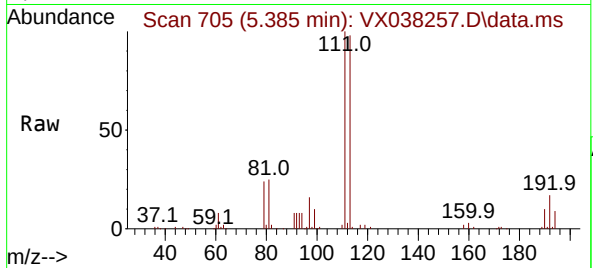
Tgt Ion:114 Resp: 201793
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 45.0
 88 15.0 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.865 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

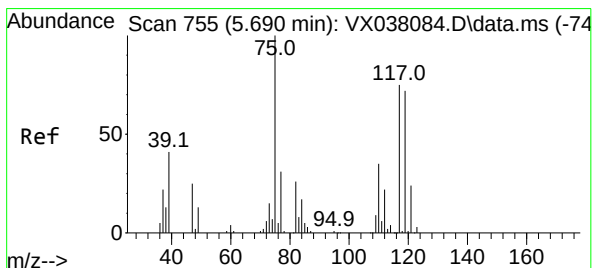
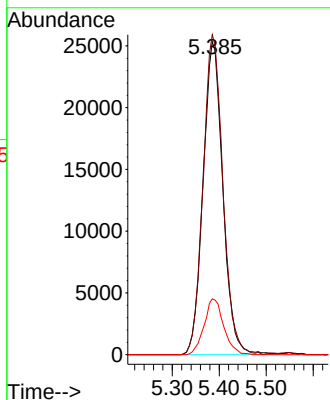
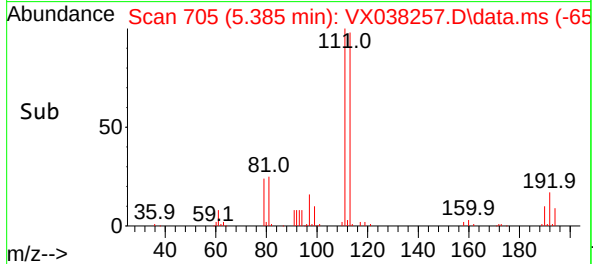
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 113 Resp: 73960
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 17.7 13.3 19.9

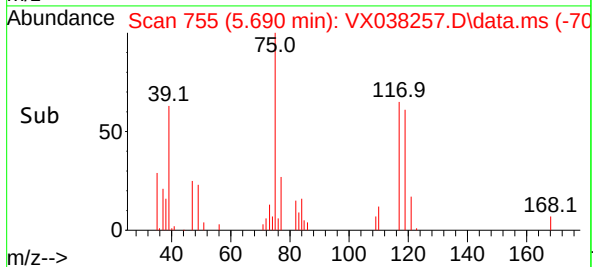
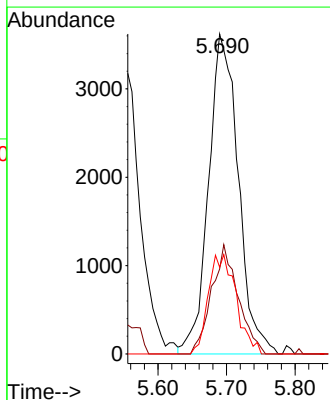
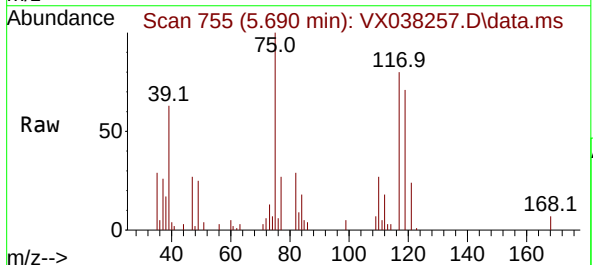
Manual Integrations
APPROVED

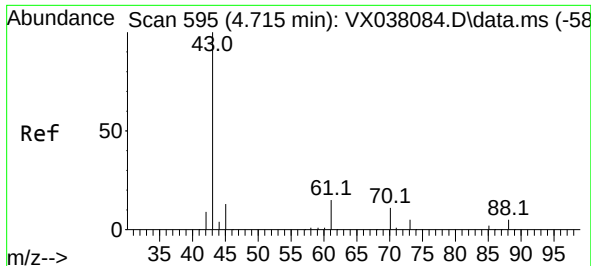
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#36
1,1-Dichloropropene
Concen: 5.437 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

Tgt Ion: 75 Resp: 10902
Ion Ratio Lower Upper
75 100
110 30.6 17.0 50.9
77 29.1 24.7 37.1





#37

Ethyl Acetate

Concen: 5.370 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.012 min

Lab File: VX038257.D

Acq: 12 Oct 2023 15:26

Instrument :

MSVOA_X

ClientSampleId :

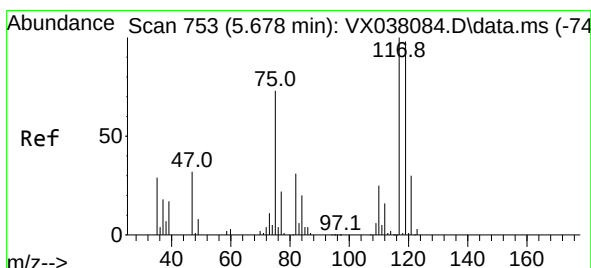
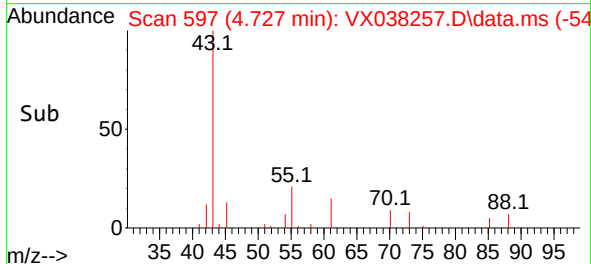
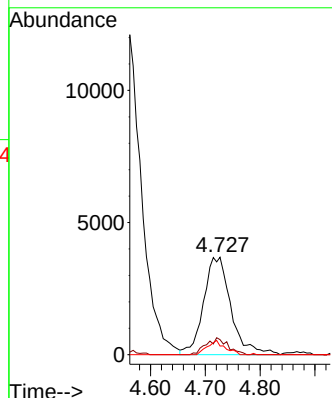
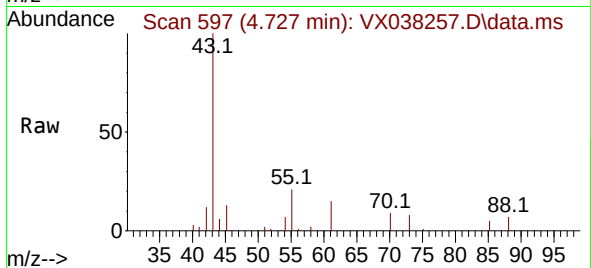
LOQ-WATER-02-QT4-2023

Tgt Ion: 43 Resp: 1278

Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.6	16.0
70	9.3	8.3	12.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#38

Carbon Tetrachloride

Concen: 5.206 ug/l

RT: 5.678 min Scan# 753

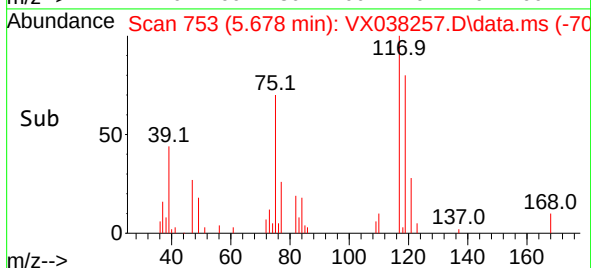
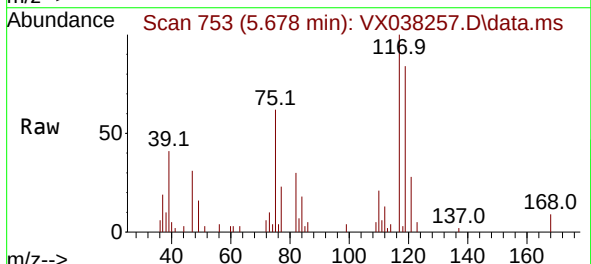
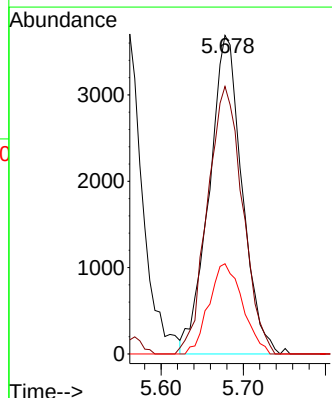
Delta R.T. -0.000 min

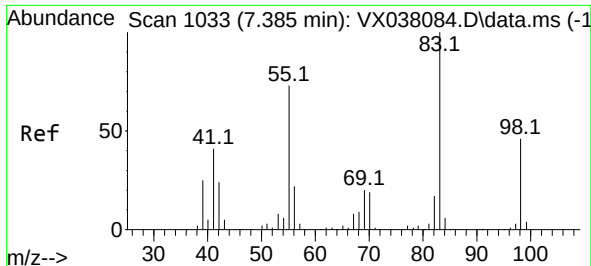
Lab File: VX038257.D

Acq: 12 Oct 2023 15:26

Tgt Ion:117 Resp: 10268

Ion	Ratio	Lower	Upper
117	100		
119	84.0	78.2	117.2
121	28.3	24.4	36.6





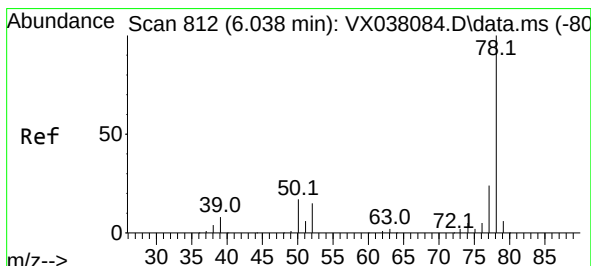
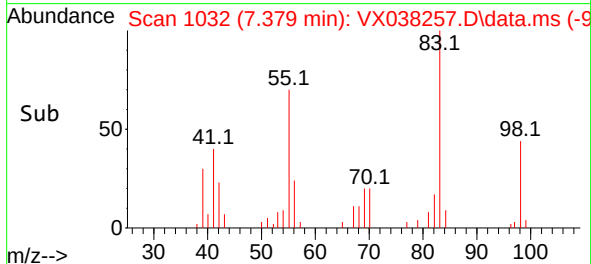
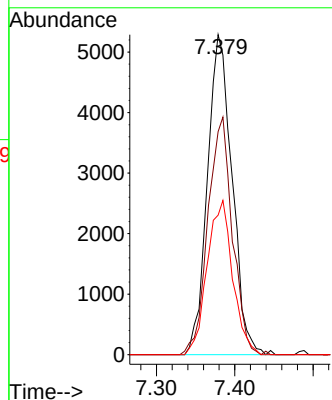
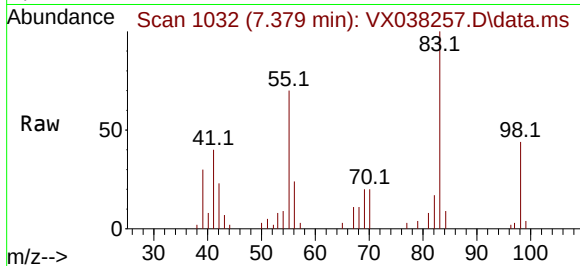
#39
Methylcyclohexane
Concen: 4.931 ug/l
RT: 7.379 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 83 Resp: 11580
Ion Ratio Lower Upper
83 100
55 69.7 64.6 97.0
98 43.6 36.7 55.1

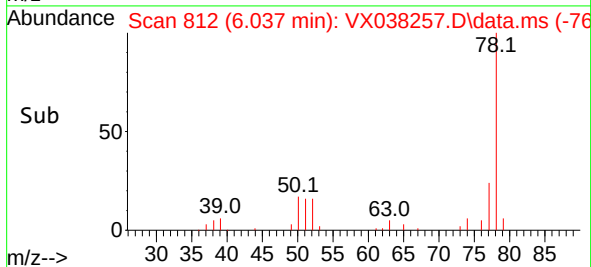
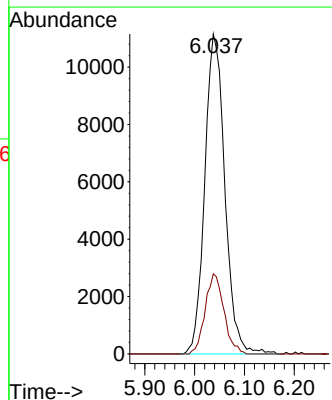
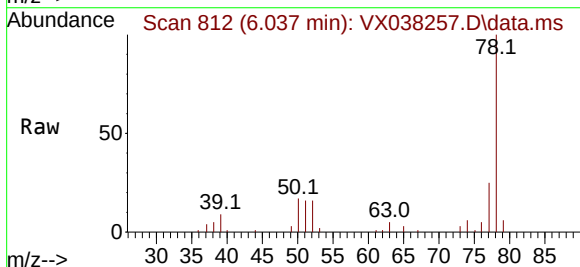
Manual Integrations
APPROVED

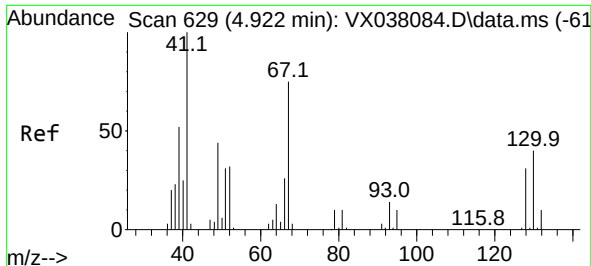
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#40
Benzene
Concen: 5.567 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.001 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

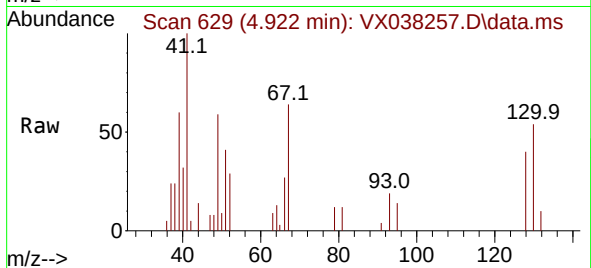
Tgt Ion: 78 Resp: 31220
Ion Ratio Lower Upper
78 100
77 25.1 19.3 28.9





#41
Methacrylonitrile
Concen: 4.638 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

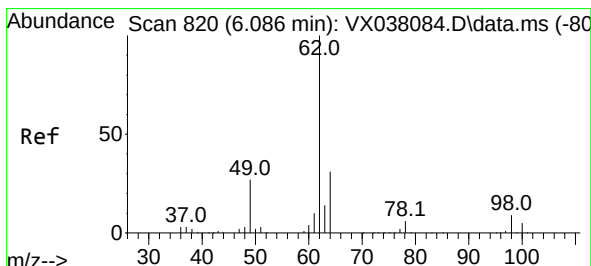
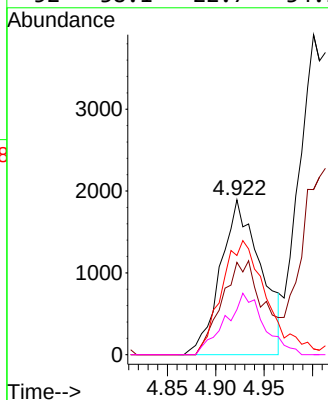
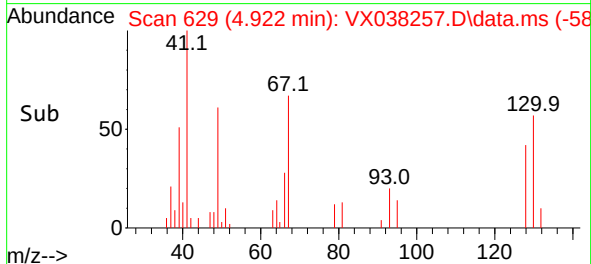
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 41 Resp: 5494
Ion Ratio Lower Upper
41 100
39 61.9 45.2 67.8
67 83.1 52.6 78.8
52 38.1 22.7 34.1#

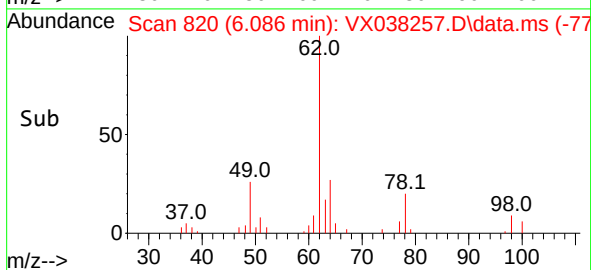
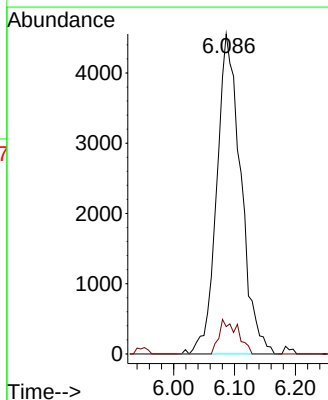
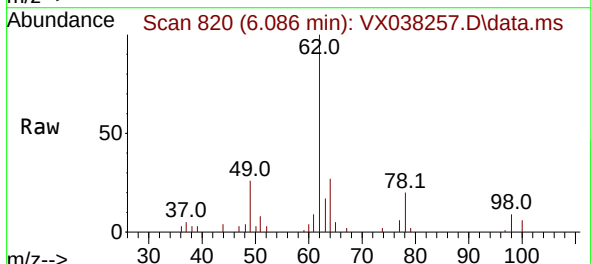
Manual Integrations
APPROVED

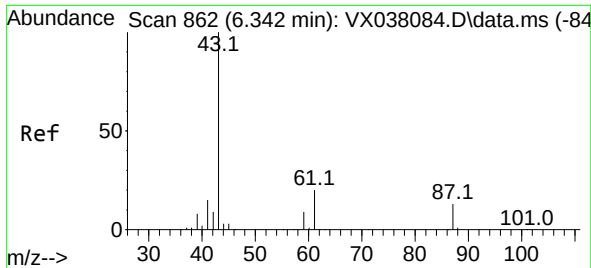
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#42
1,2-Dichloroethane
Concen: 5.585 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

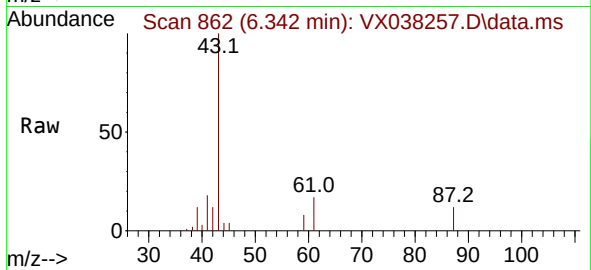
Tgt Ion: 62 Resp: 12514
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.0





#43
Isopropyl Acetate
Concen: 4.787 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

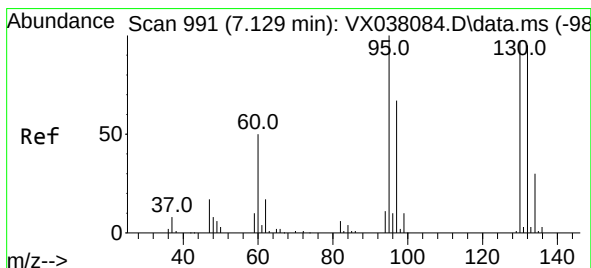
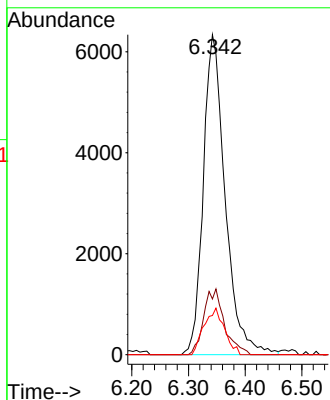
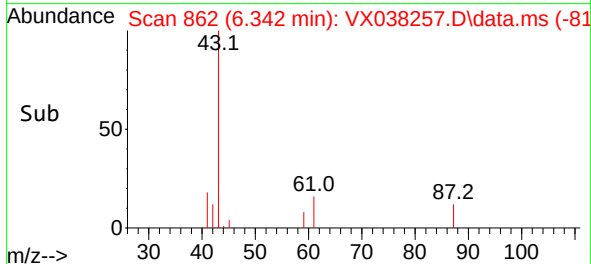
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2023



Tgt Ion: 43 Resp: 17010
Ion Ratio Lower Upper
43 100
61 19.4 15.2 22.8
87 13.6 9.8 14.6

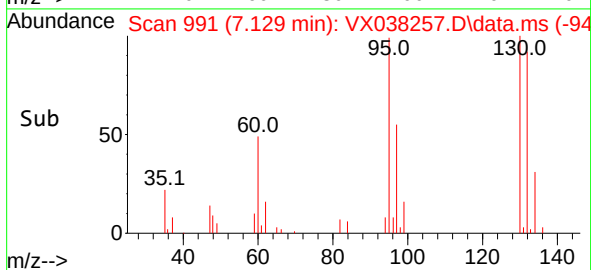
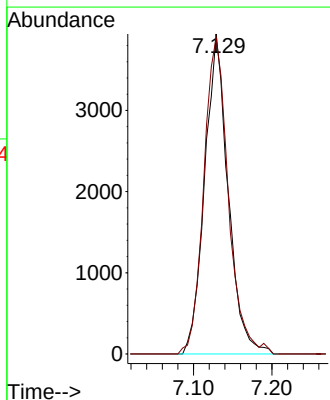
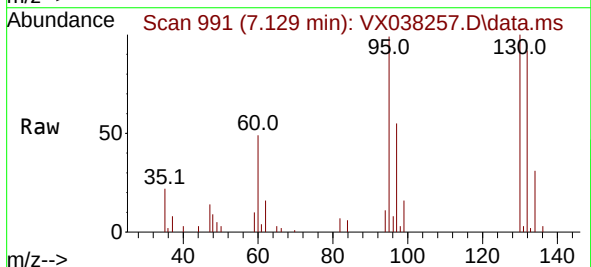
Manual Integrations
APPROVED

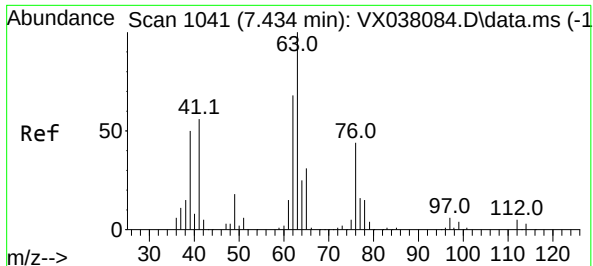
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#44
Trichloroethene
Concen: 5.582 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

Tgt Ion:130 Resp: 8188
Ion Ratio Lower Upper
130 100
95 98.8 0.0 204.4





#45

1,2-Dichloropropane

Concen: 5.269 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX038257.D

Acq: 12 Oct 2023 15:26

Instrument :

MSVOA_X

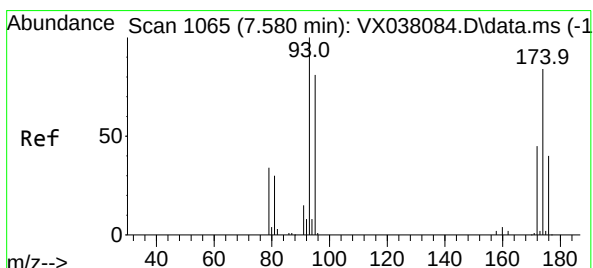
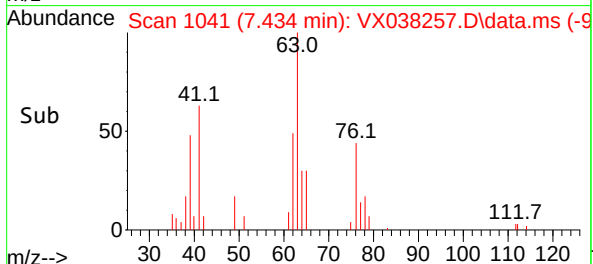
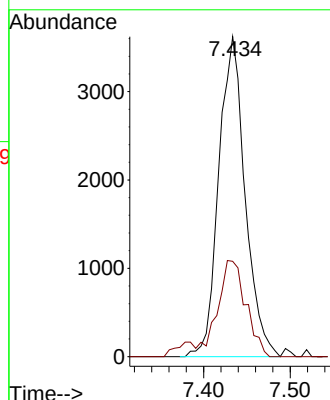
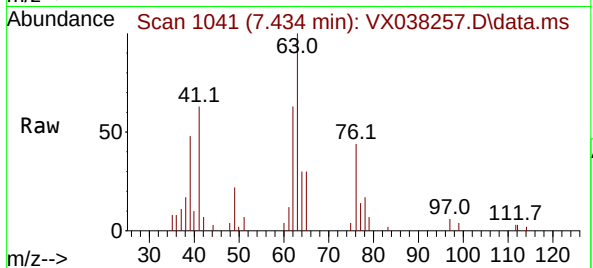
ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion: 63 Resp: 7648
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.3 36.5

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023



#46

Dibromomethane

Concen: 5.387 ug/l

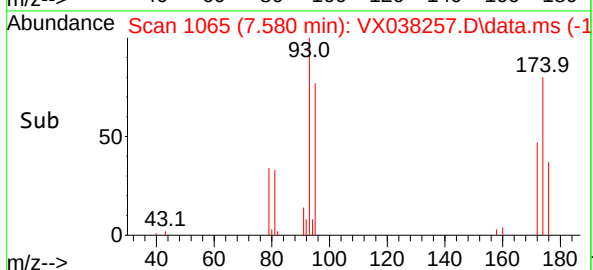
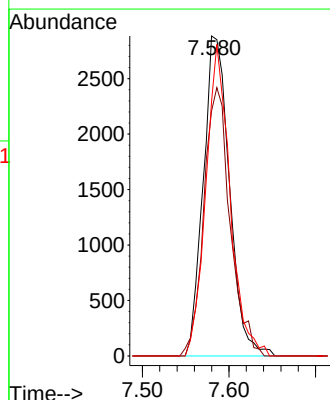
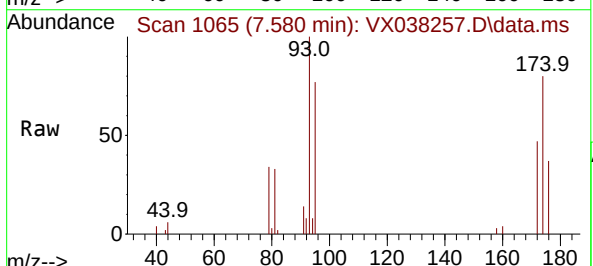
RT: 7.580 min Scan# 1065

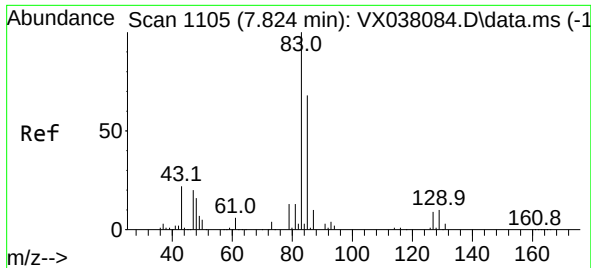
Delta R.T. -0.000 min

Lab File: VX038257.D

Acq: 12 Oct 2023 15:26

Tgt Ion: 93 Resp: 6064
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.6 100.0
 174 89.9 69.4 104.0





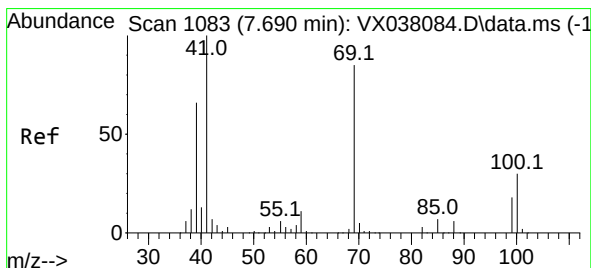
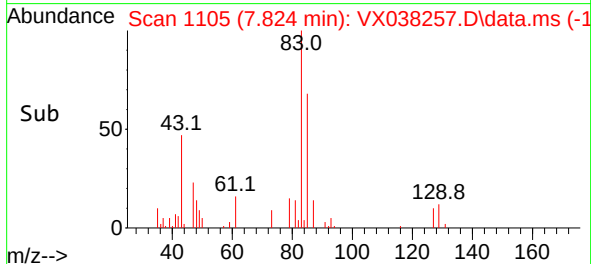
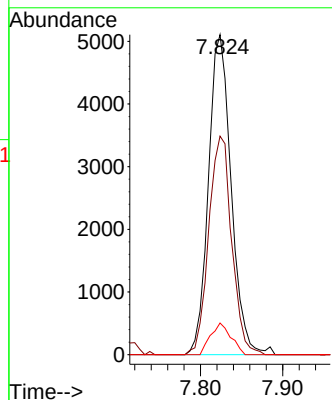
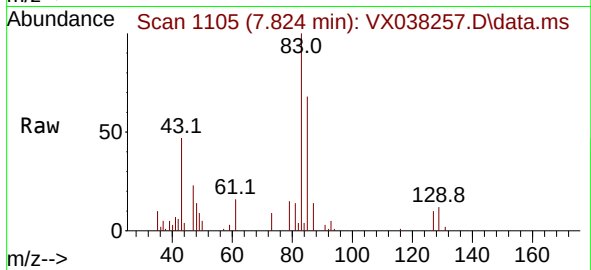
#47
Bromodichloromethane
Concen: 4.894 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 83 Resp: 980
Ion Ratio Lower Upper
83 100
85 68.3 49.8 74.6
127 9.9 7.1 10.7

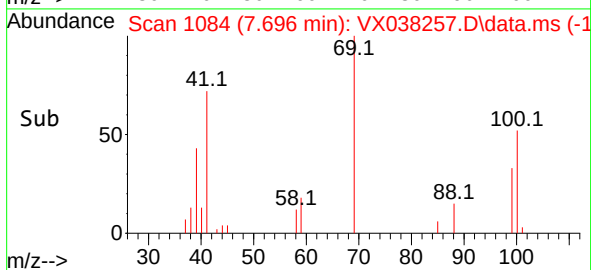
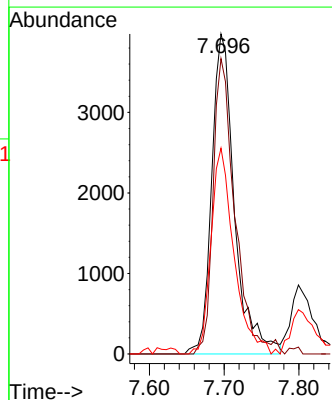
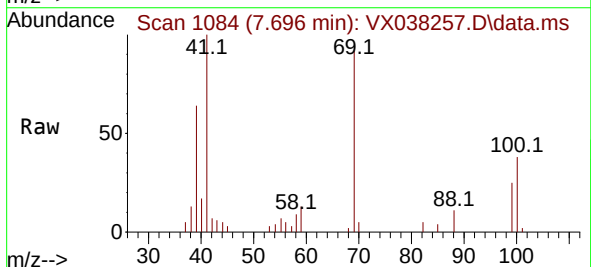
Manual Integrations
APPROVED

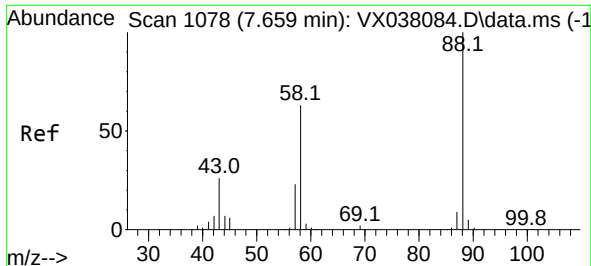
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#48
Methyl methacrylate
Concen: 4.967 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

Tgt Ion: 41 Resp: 8429
Ion Ratio Lower Upper
41 100
69 88.3 59.2 88.8
39 64.6 47.7 71.5





#49

1,4-Dioxane

Concen: 100.886 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX038257.D

Acq: 12 Oct 2023 15:26

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

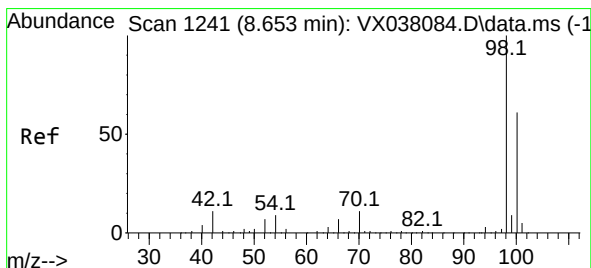
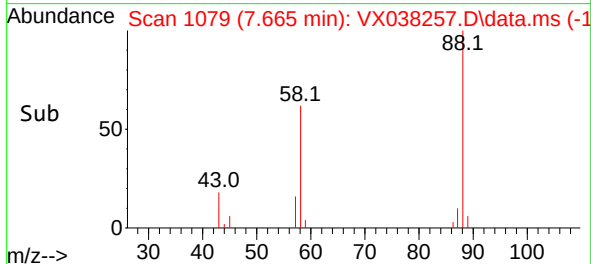
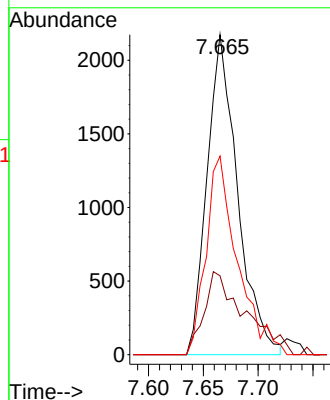
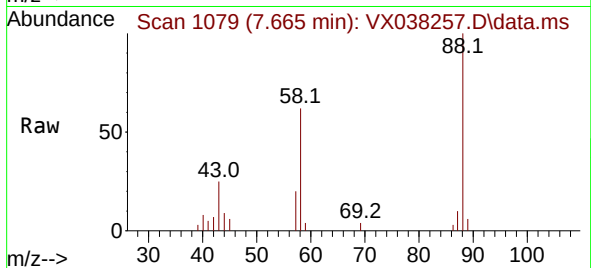
Tgt Ion: 88	Resp: 4219
Ion Ratio	Lower Upper
88 100	
43 34.8	0.0 0.0
58 63.8	60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#50

Toluene-d8

Concen: 50.561 ug/l

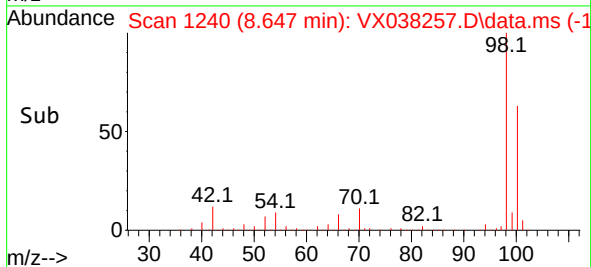
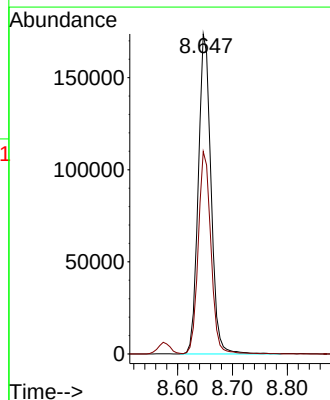
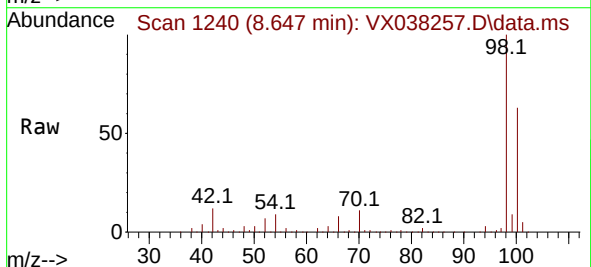
RT: 8.647 min Scan# 1240

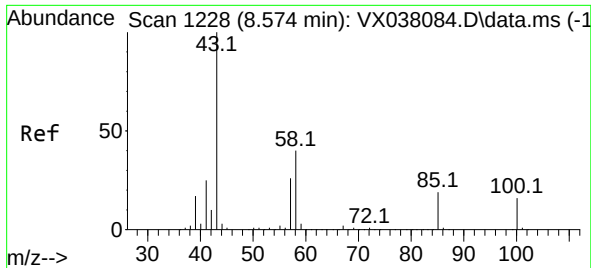
Delta R.T. -0.006 min

Lab File: VX038257.D

Acq: 12 Oct 2023 15:26

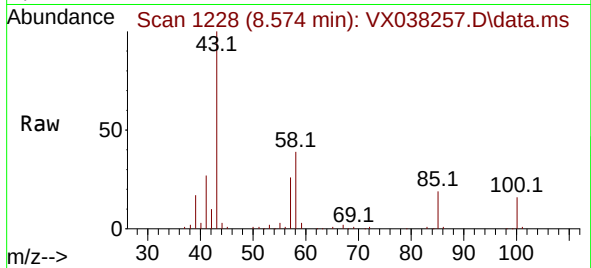
Tgt Ion: 98	Resp: 280931
Ion Ratio	Lower Upper
98 100	
100 62.9	53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 25.770 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

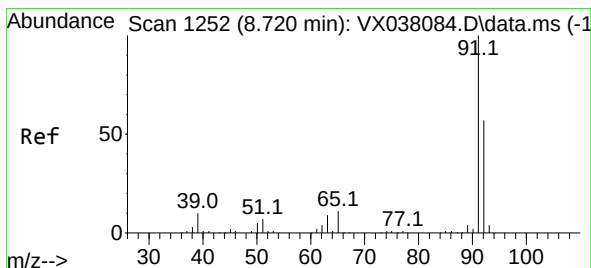
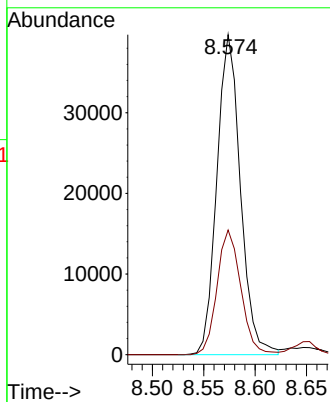
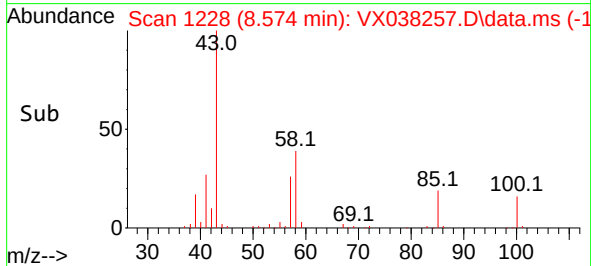
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2023



Tgt Ion: 43 Resp: 63190
Ion Ratio Lower Upper
43 100
58 39.4 30.4 45.6

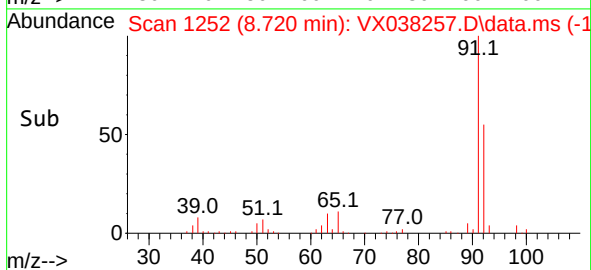
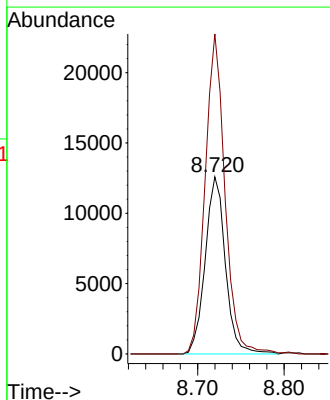
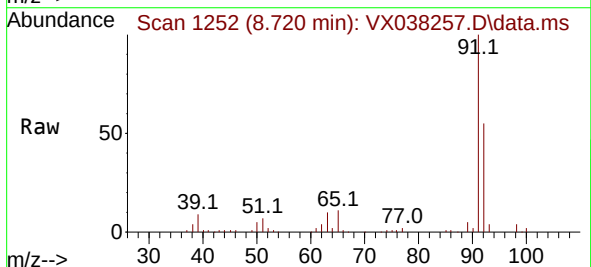
Manual Integrations
APPROVED

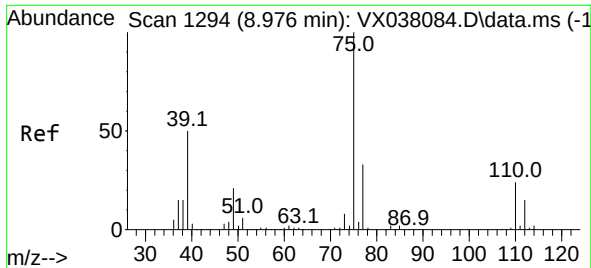
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#52
Toluene
Concen: 5.599 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

Tgt Ion: 92 Resp: 20456
Ion Ratio Lower Upper
92 100
91 177.2 134.2 201.2





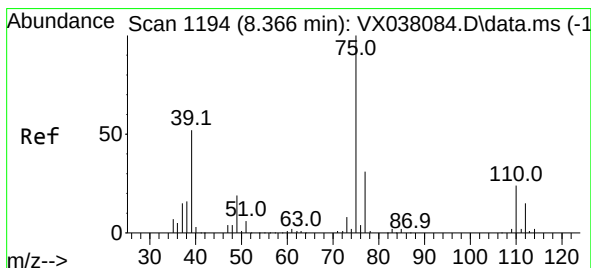
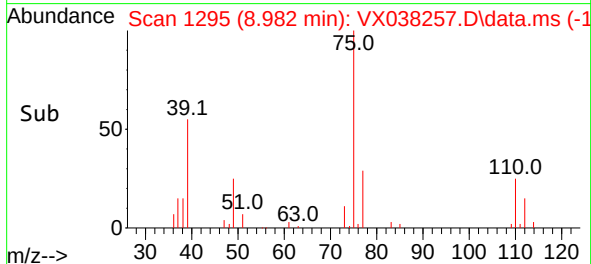
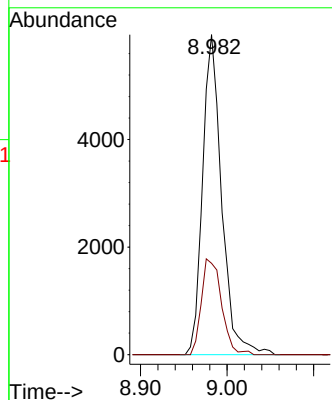
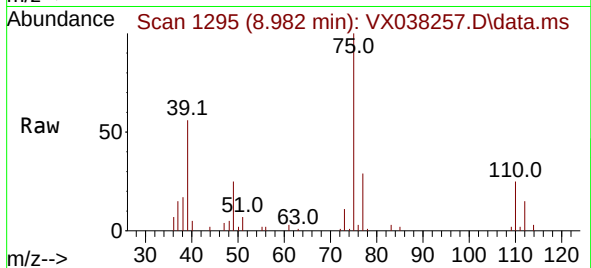
#53
t-1,3-Dichloropropene
Concen: 4.235 ug/l
RT: 8.982 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 75 Resp: 910
Ion Ratio Lower Upper
75 100
77 28.5 25.7 38.5

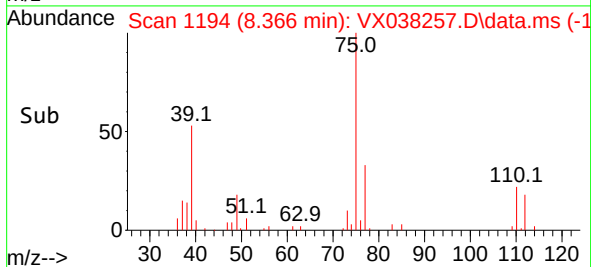
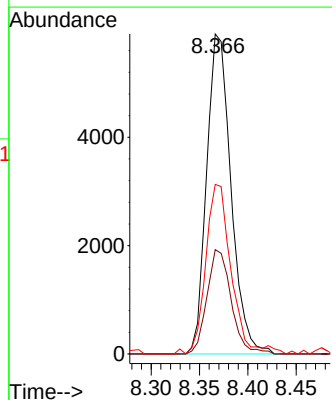
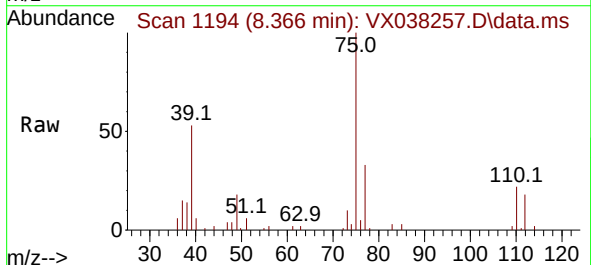
Manual Integrations
APPROVED

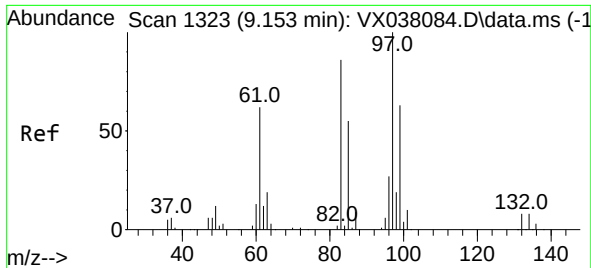
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#54
cis-1,3-Dichloropropene
Concen: 4.597 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

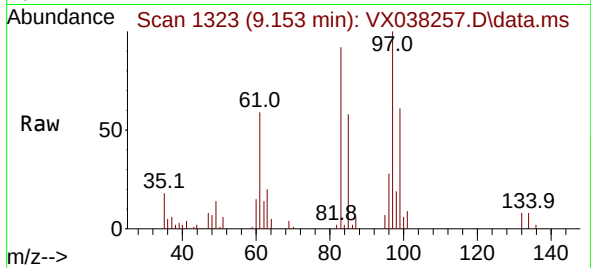
Tgt Ion: 75 Resp: 10383
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9
39 51.9 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 5.527 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

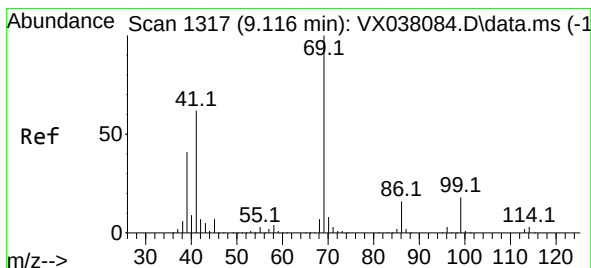
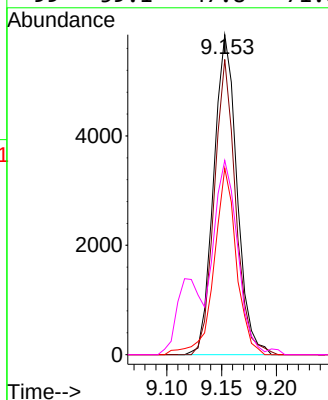
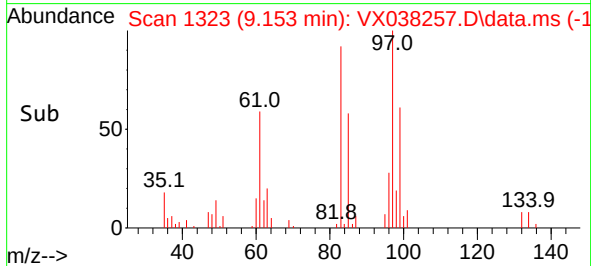
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.2	65.8	98.8
85	58.2	41.6	62.4
99	59.1	47.8	71.8

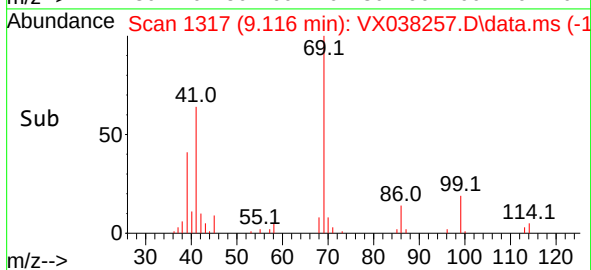
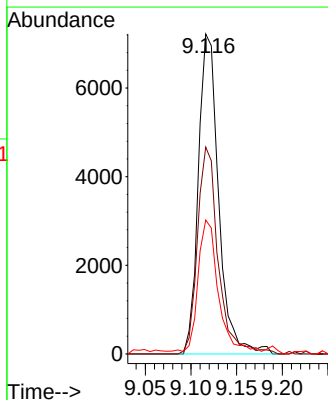
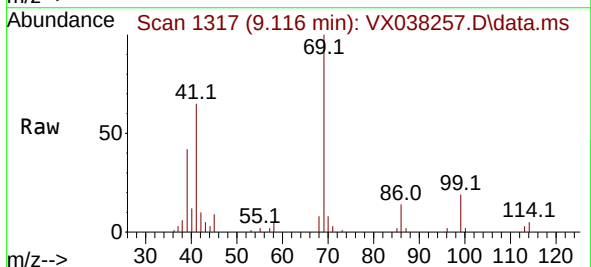
Manual Integrations
APPROVED

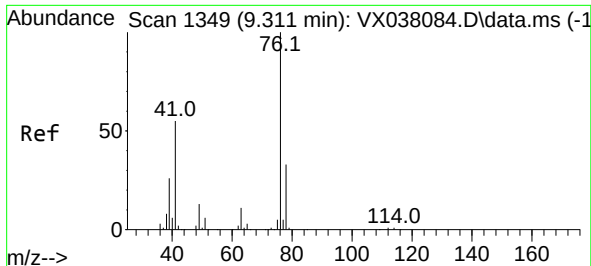
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#56
Ethyl methacrylate
Concen: 4.644 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.0	56.8	85.2
39	41.1	32.0	48.0





#57

1,3-Dichloropropane

Concen: 5.299 ug/l

RT: 9.311 min Scan# 1139

Delta R.T. 0.000 min

Lab File: VX038257.D

Acq: 12 Oct 2023 15:26

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion: 76 Resp: 1339

Ion Ratio Lower Upper

76 100

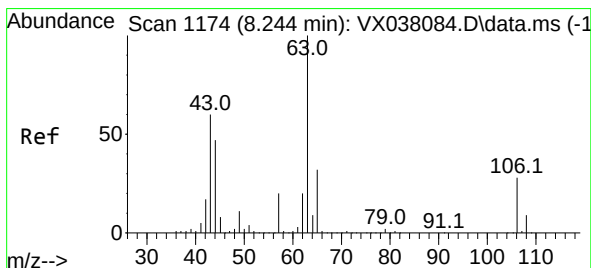
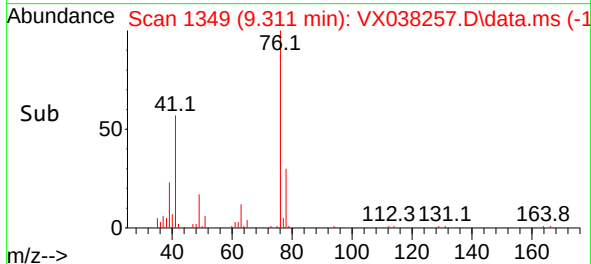
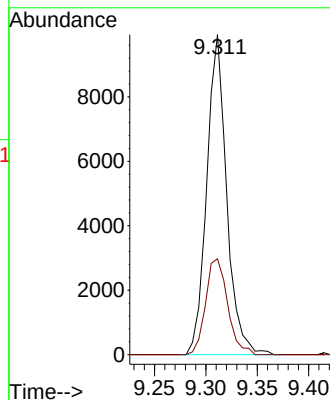
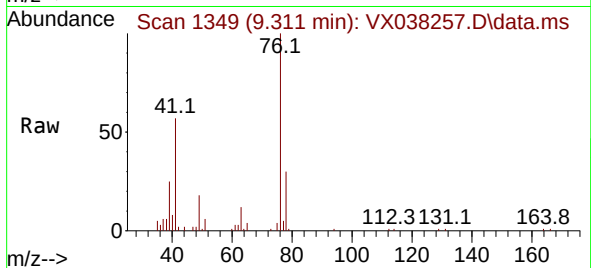
78 33.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 21.971 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX038257.D

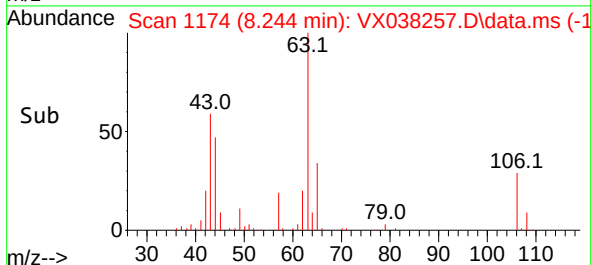
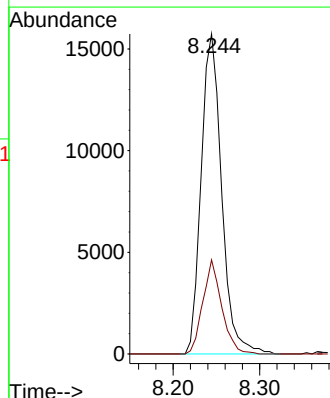
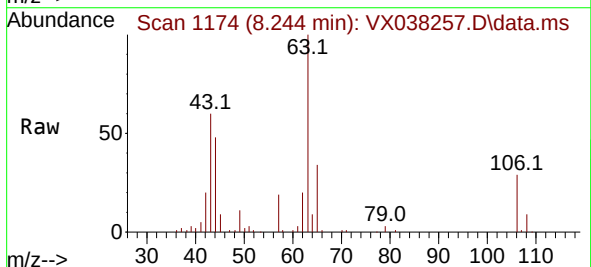
Acq: 12 Oct 2023 15:26

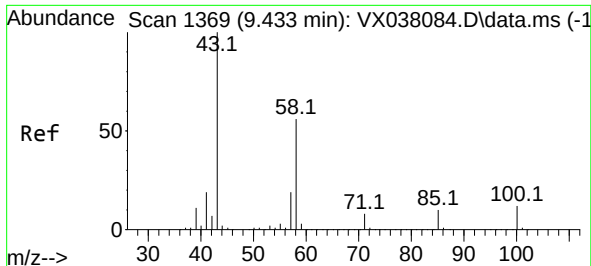
Tgt Ion: 63 Resp: 25838

Ion Ratio Lower Upper

63 100

106 27.2 22.5 33.7





#59

2-Hexanone

Concen: 26.639 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX038257.D

Acq: 12 Oct 2023 15:26

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion: 43 Resp: 5251

Ion Ratio Lower Upper

43 100

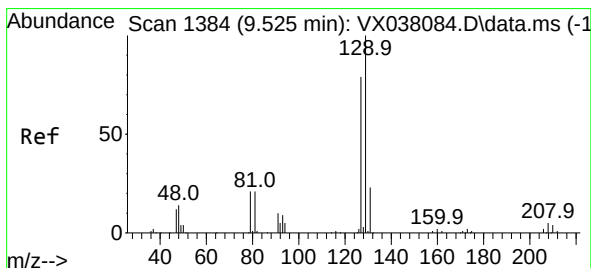
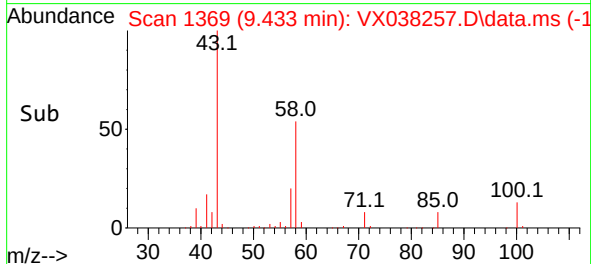
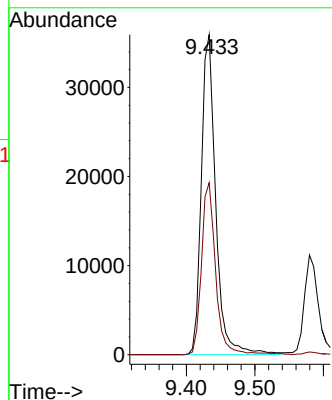
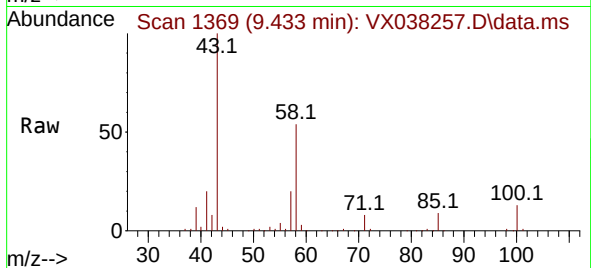
58 53.2 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#60

Dibromochloromethane

Concen: 4.548 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX038257.D

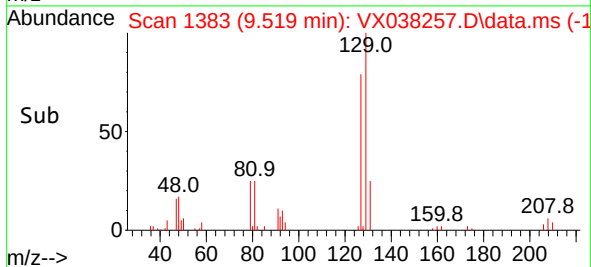
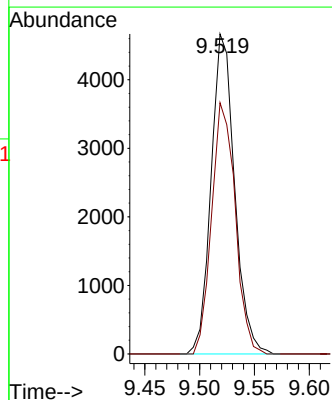
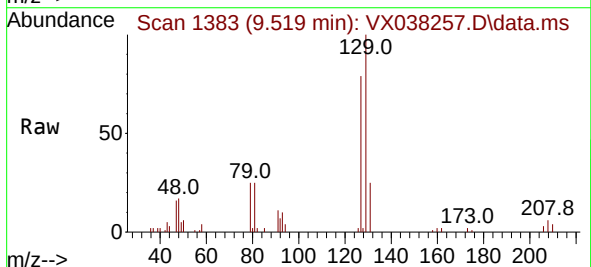
Acq: 12 Oct 2023 15:26

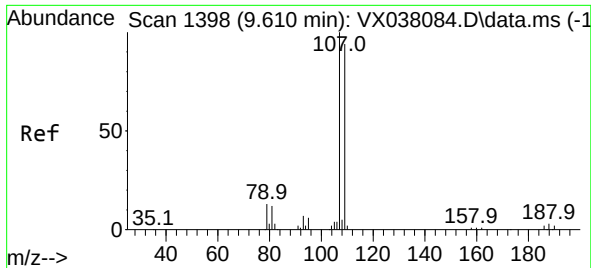
Tgt Ion:129 Resp: 6955

Ion Ratio Lower Upper

129 100

127 78.8 38.8 116.4





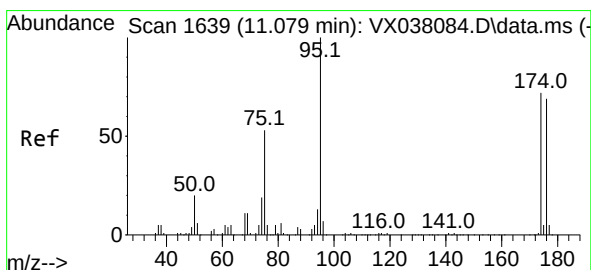
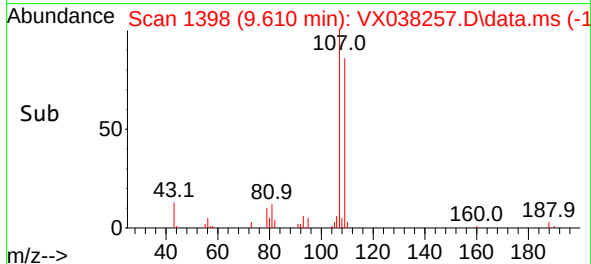
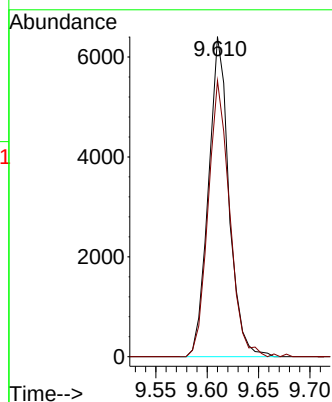
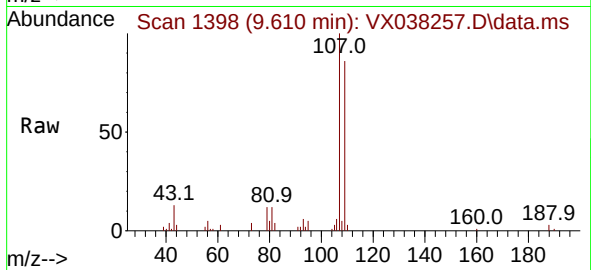
#61
1,2-Dibromoethane
Concen: 5.290 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2023

Tgt Ion:107 Resp: 8939
Ion Ratio Lower Upper
107 100
109 89.5 75.2 112.8

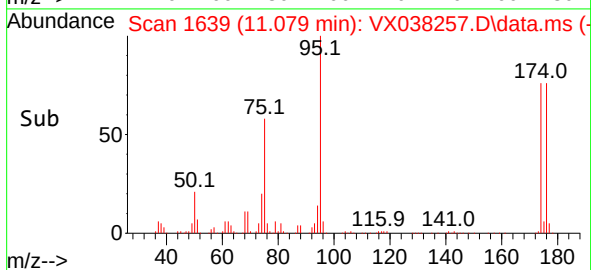
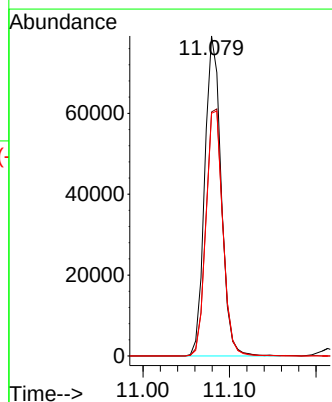
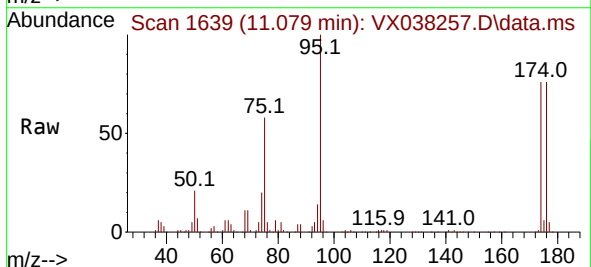
Manual Integrations
APPROVED

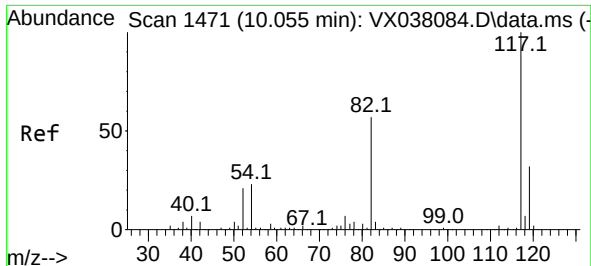
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#62
4-Bromofluorobenzene
Concen: 49.364 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

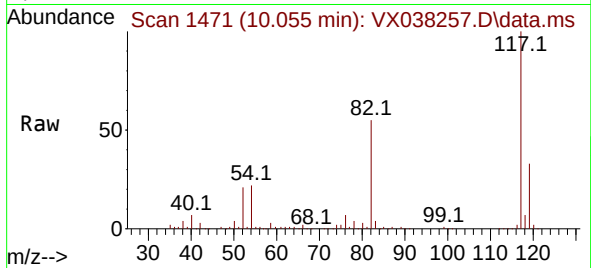
Tgt Ion: 95 Resp: 103982
Ion Ratio Lower Upper
95 100
174 79.5 0.0 135.6
176 78.3 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

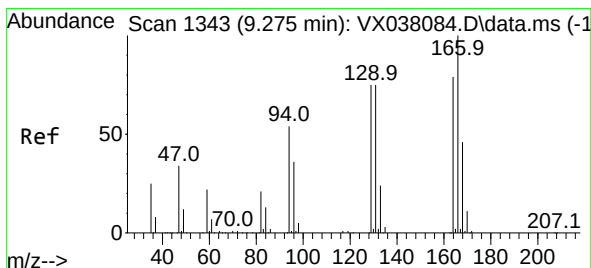
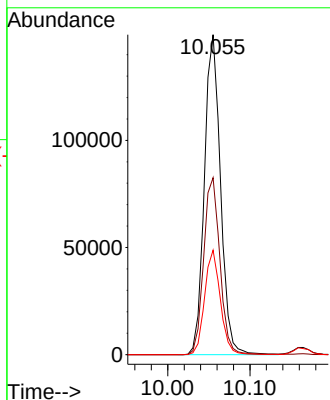
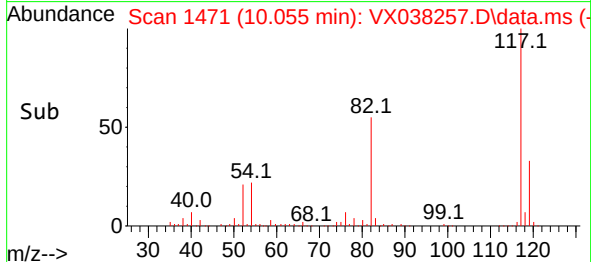
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2023



Tgt Ion:117 Resp: 203710
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 32.6 25.5 38.3

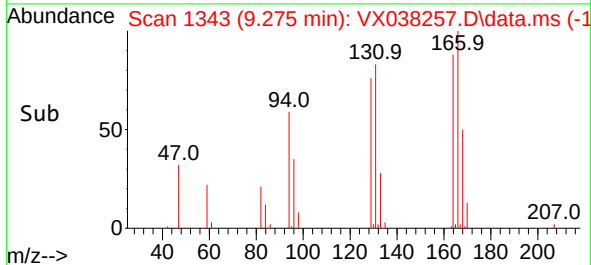
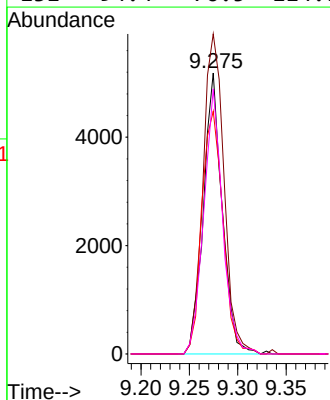
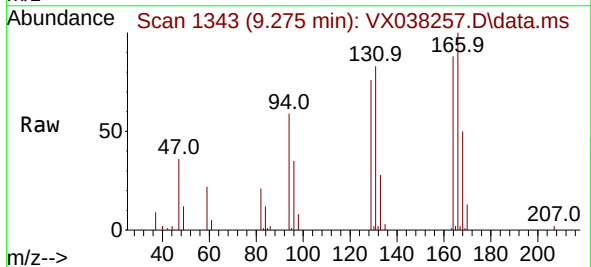
Manual Integrations
APPROVED

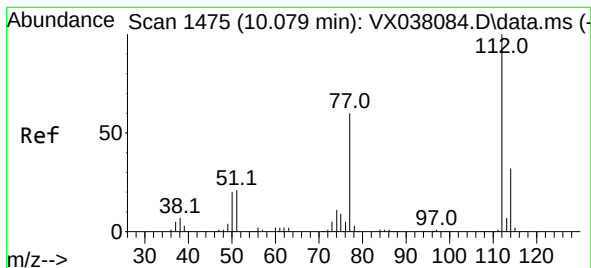
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#64
Tetrachloroethene
Concen: 5.347 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

Tgt Ion:164 Resp: 7052
Ion Ratio Lower Upper
164 100
166 113.9 102.7 154.1
129 86.4 80.4 120.6
131 94.4 76.5 114.7





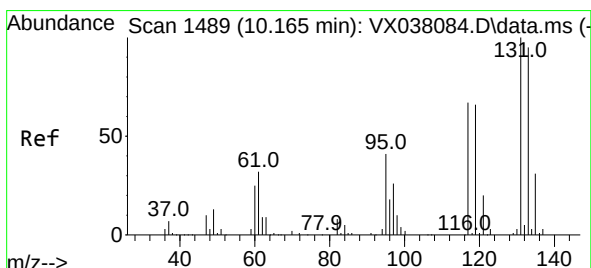
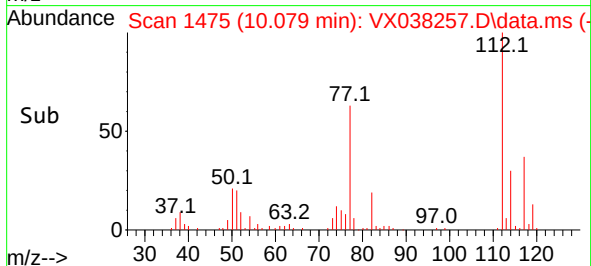
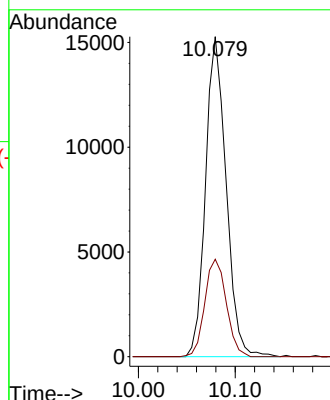
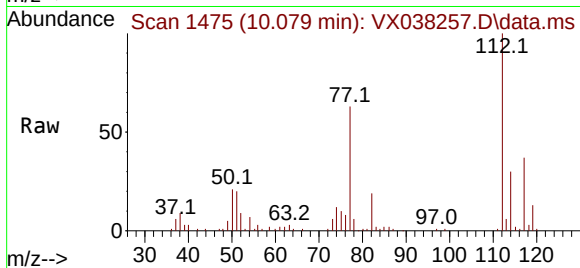
#65
Chlorobenzene
Concen: 5.306 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:112 Resp: 22620
Ion Ratio Lower Upper
112 100
114 30.4 25.7 38.5

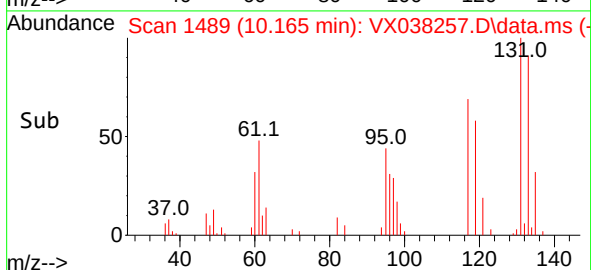
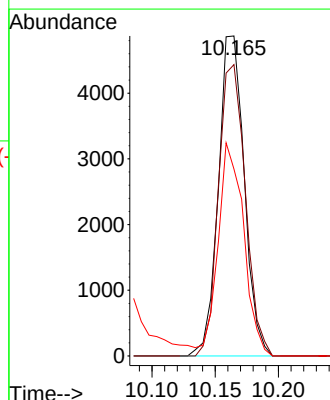
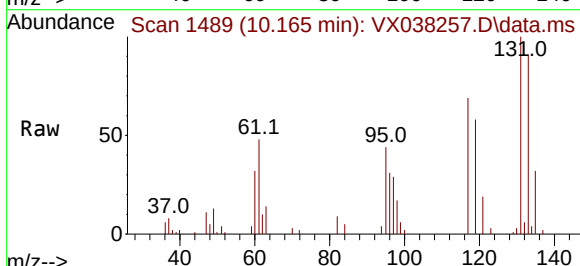
Manual Integrations
APPROVED

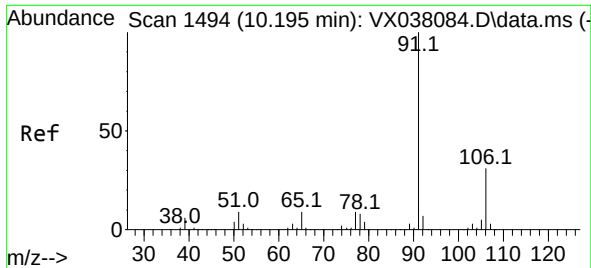
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 4.806 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

Tgt Ion:131 Resp: 6928
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.4
119 65.9 32.2 96.6





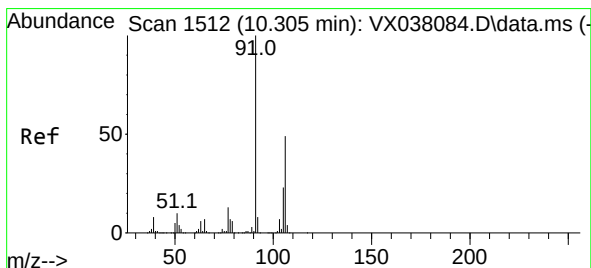
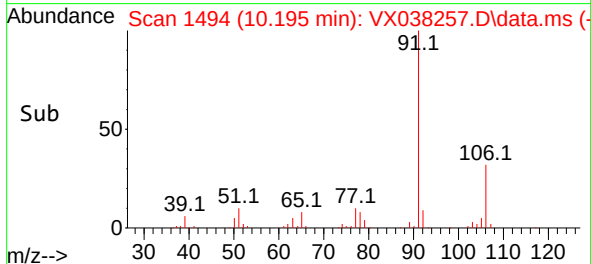
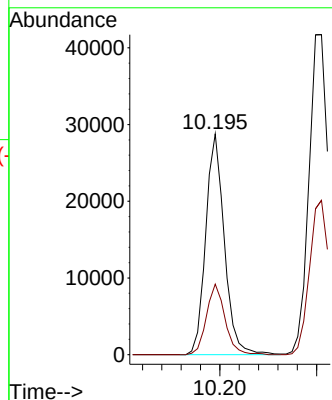
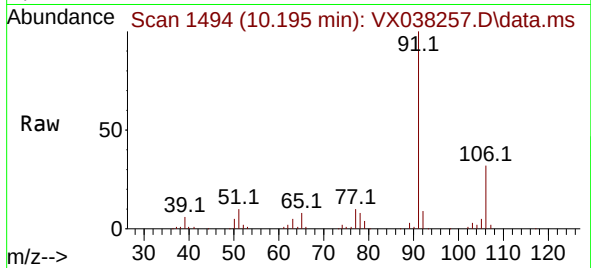
#67
Ethyl Benzene
Concen: 5.070 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 91 Resp: 38570
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3

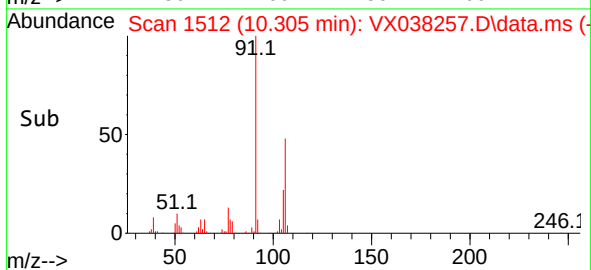
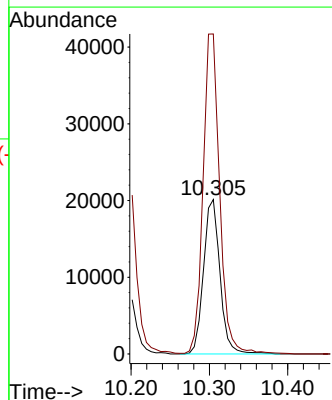
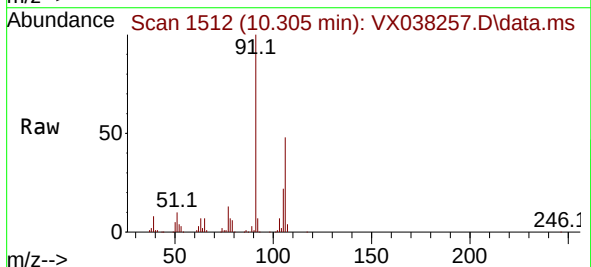
Manual Integrations
APPROVED

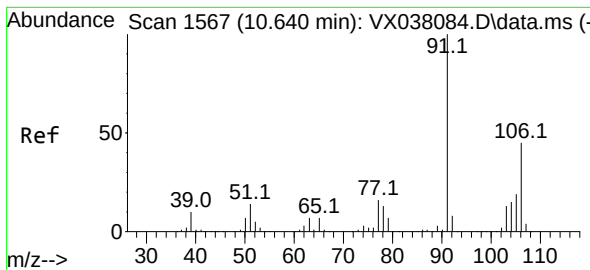
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#68
m/p-Xylenes
Concen: 9.967 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

Tgt Ion:106 Resp: 29324
Ion Ratio Lower Upper
106 100
91 209.7 165.5 248.3





#69

o-Xylene

Concen: 4.907 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX038257.D

Acq: 12 Oct 2023 15:26

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion:106 Resp: 1409

Ion Ratio Lower Upper

106 100

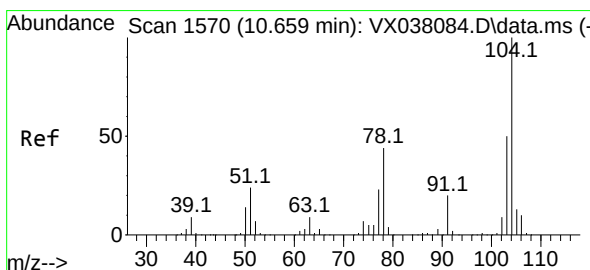
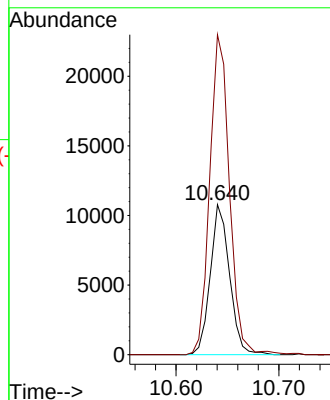
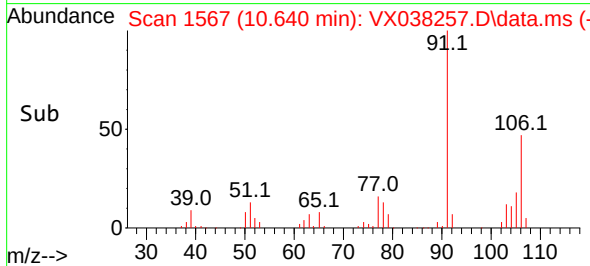
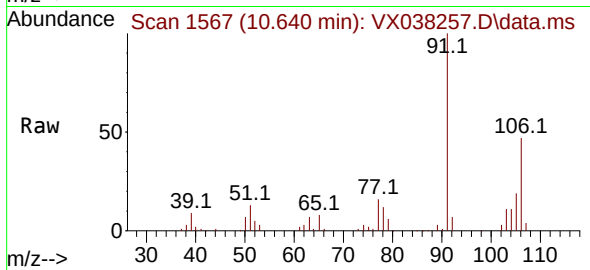
91 218.2 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#70

Styrene

Concen: 4.790 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX038257.D

Acq: 12 Oct 2023 15:26

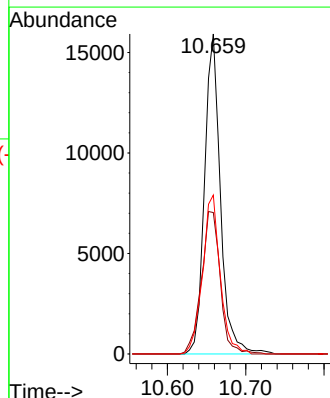
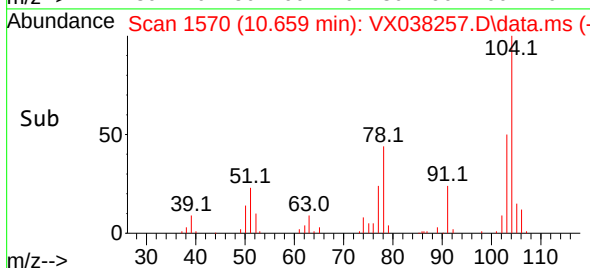
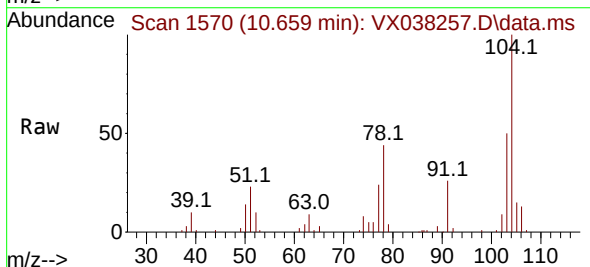
Tgt Ion:104 Resp: 22400

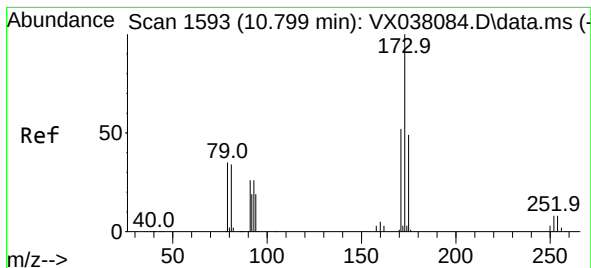
Ion Ratio Lower Upper

104 100

78 53.0 43.6 65.4

103 55.3 43.6 65.4





#71

Bromoform

Concen: 4.332 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX038257.D

Acq: 12 Oct 2023 15:26

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

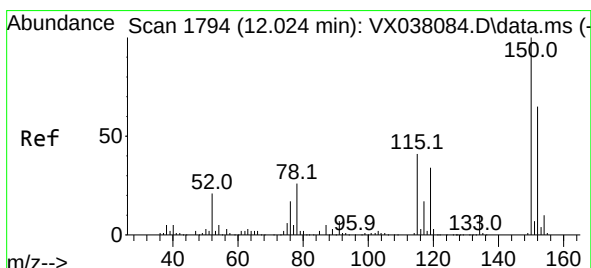
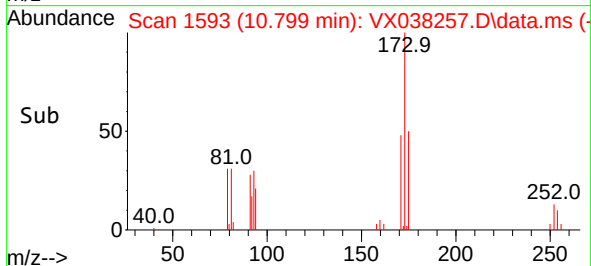
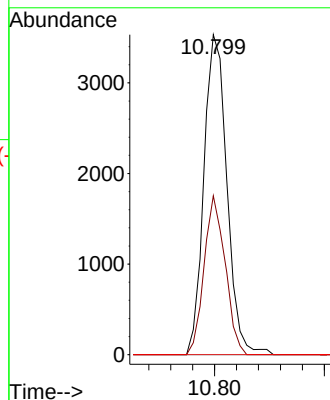
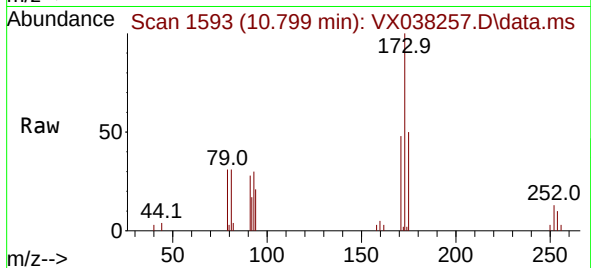
Tgt Ion:173	Resp:	514
Ion Ratio	Lower	Upper
173	100	
175	45.4	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

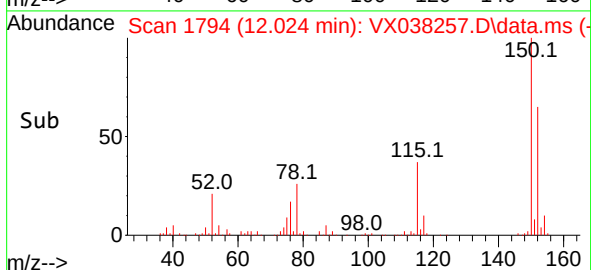
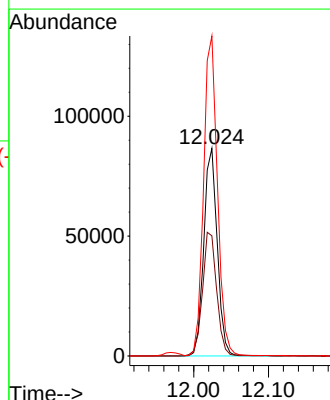
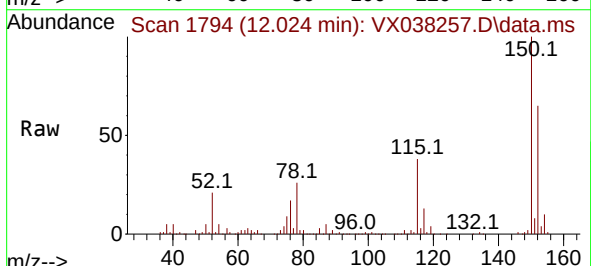
RT: 12.024 min Scan# 1794

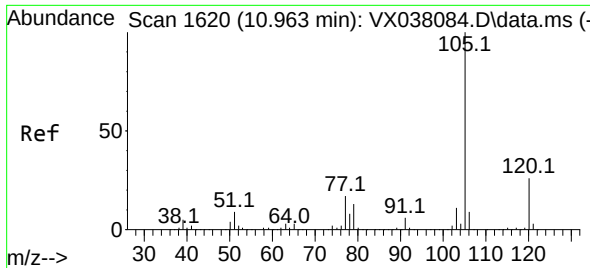
Delta R.T. 0.000 min

Lab File: VX038257.D

Acq: 12 Oct 2023 15:26

Tgt Ion:152	Resp:	108338
Ion Ratio	Lower	Upper
152	100	
115	62.7	43.3 129.9
150	157.5	0.0 345.0





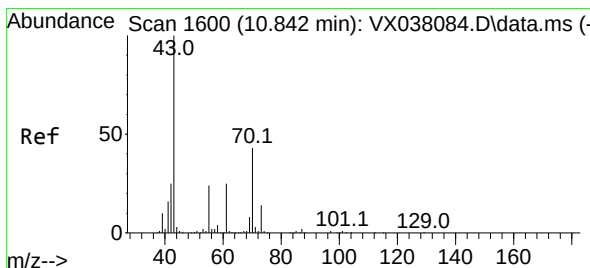
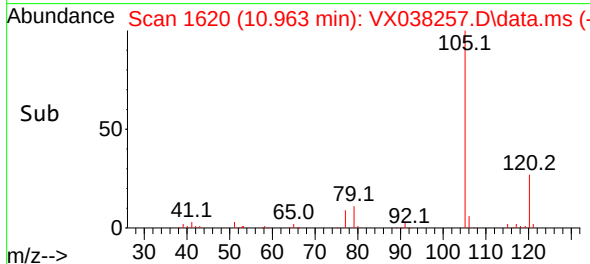
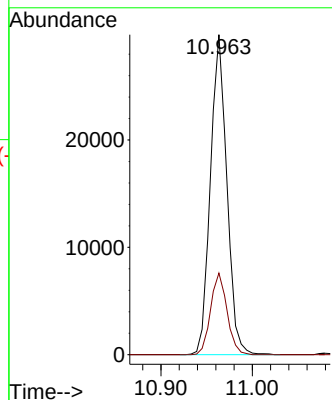
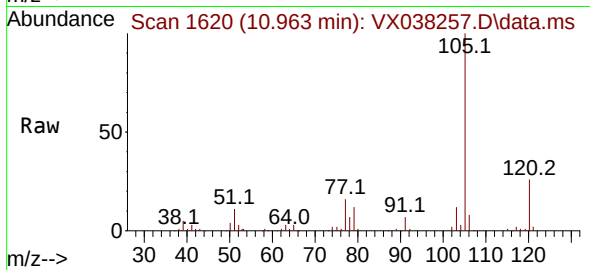
#73
Isopropylbenzene
Concen: 5.108 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:105 Resp: 3711
Ion Ratio Lower Upper
105 100
120 25.4 12.9 38.6

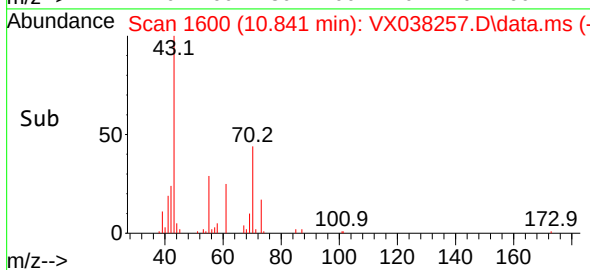
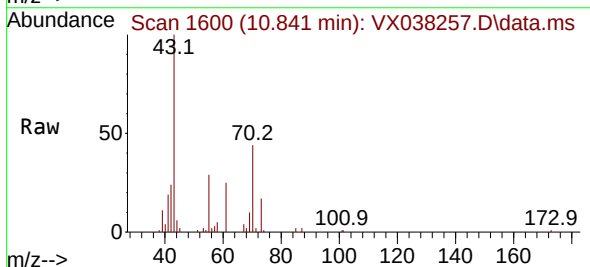
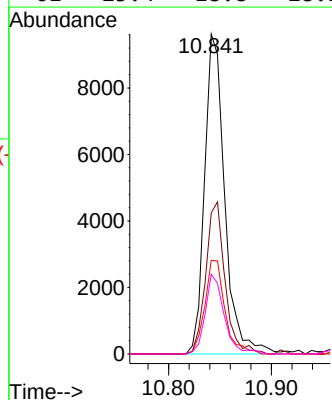
Manual Integrations
APPROVED

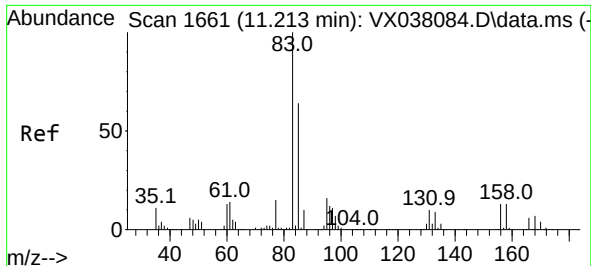
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#74
N-ethyl acetate
Concen: 4.226 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

Tgt Ion: 43 Resp: 13111
Ion Ratio Lower Upper
43 100
70 45.4 32.9 49.3
55 29.3 19.3 28.9#
61 23.4 18.8 28.2





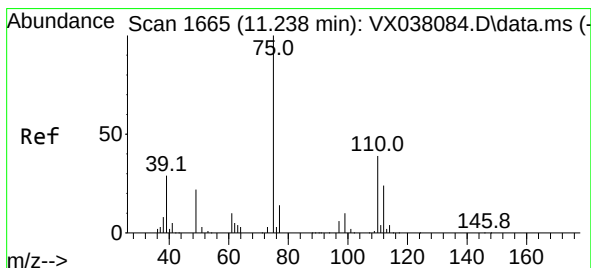
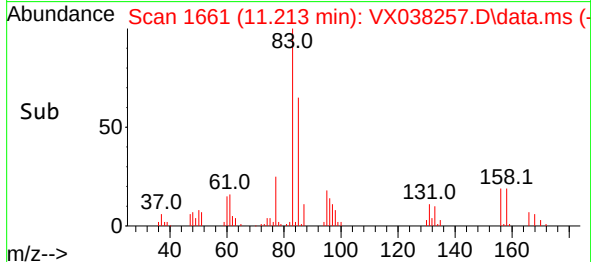
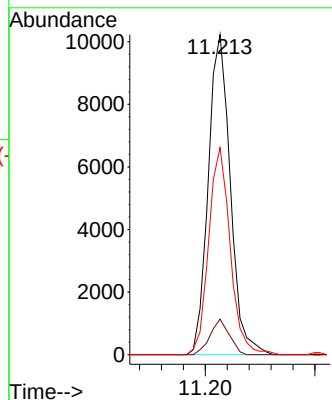
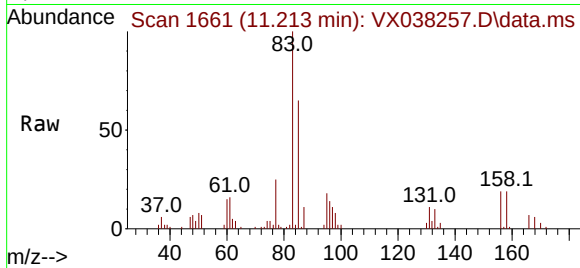
#75
1,1,2,2-Tetrachloroethane
Concen: 5.359 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 83 Resp: 14280
Ion Ratio Lower Upper
83 100
131 9.7 5.3 15.8
85 63.2 32.0 96.2

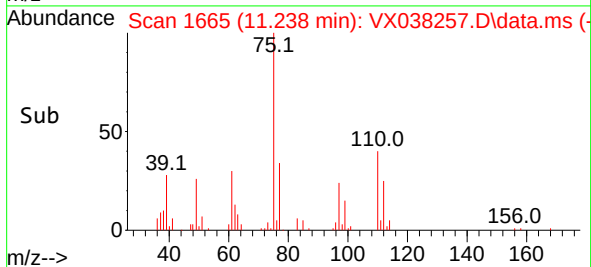
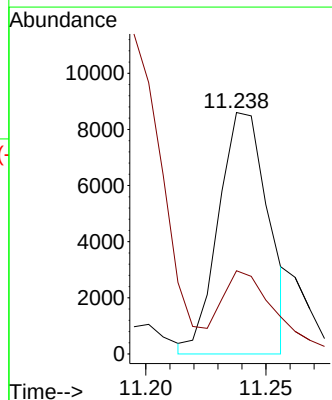
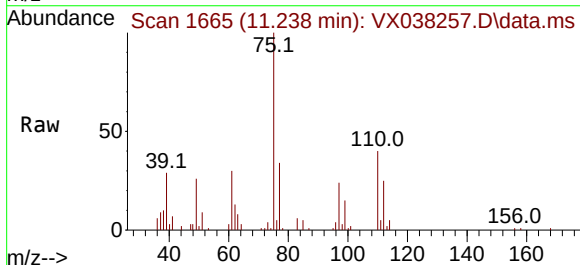
Manual Integrations
APPROVED

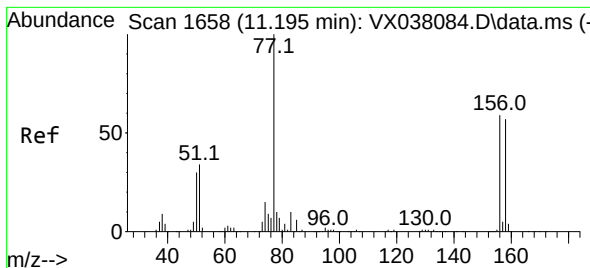
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#76
1,2,3-Trichloropropane
Concen: 5.038 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

Tgt Ion: 75 Resp: 12409
Ion Ratio Lower Upper
75 100
77 37.5 19.1 57.5





#77

Bromobenzene

Concen: 5.236 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX038257.D

Acq: 12 Oct 2023 15:26

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

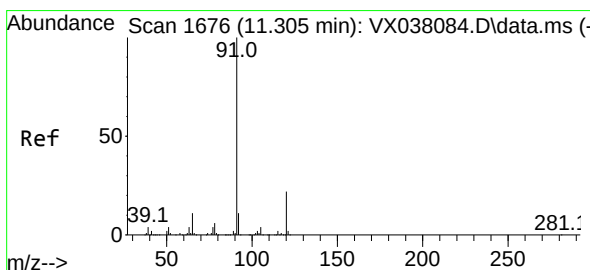
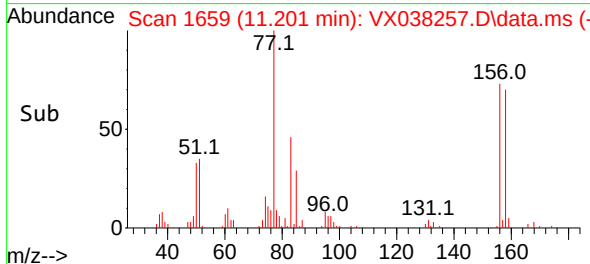
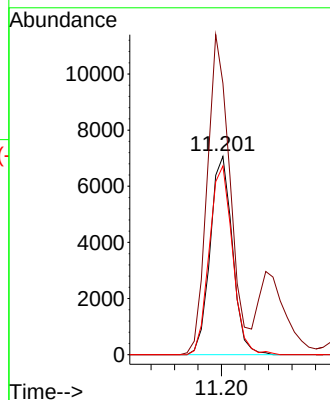
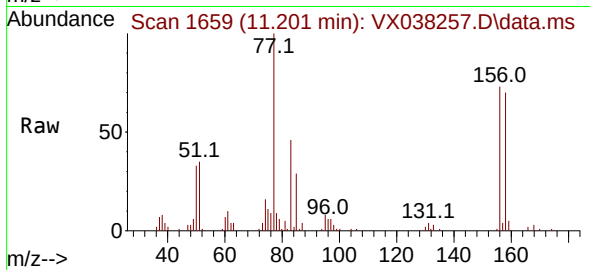
Tgt Ion:	156	Resp:	928
Ion Ratio	Lower	Upper	
156	100		
77	166.2	88.4	265.3
158	99.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#78

n-propylbenzene

Concen: 5.076 ug/l

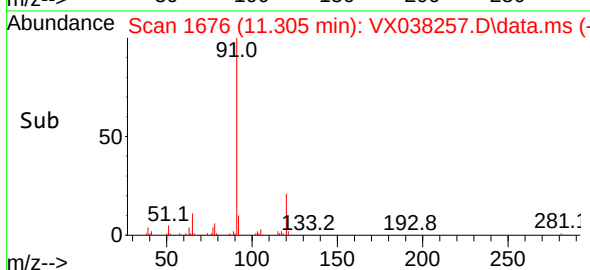
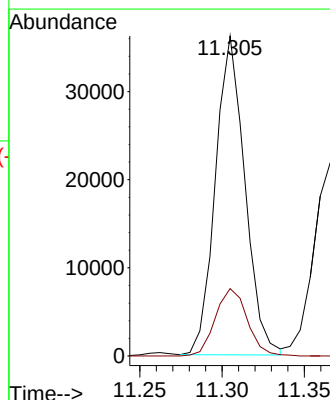
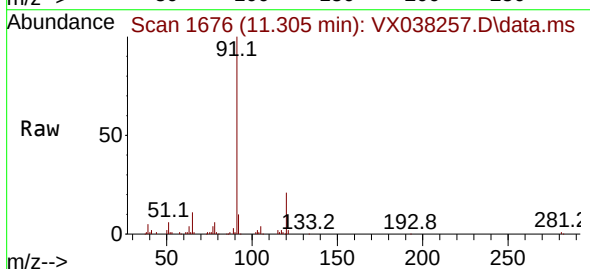
RT: 11.305 min Scan# 1676

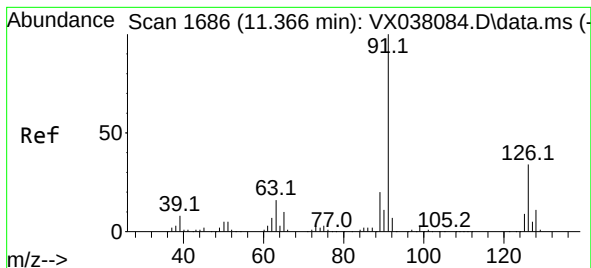
Delta R.T. -0.000 min

Lab File: VX038257.D

Acq: 12 Oct 2023 15:26

Tgt Ion:	91	Resp:	45097
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.5	34.4





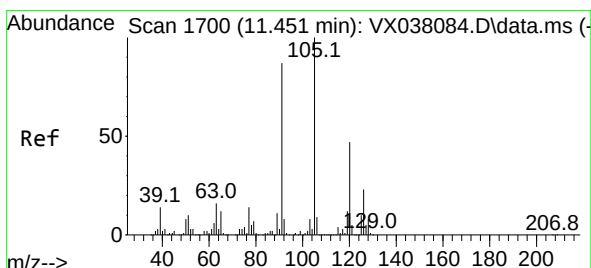
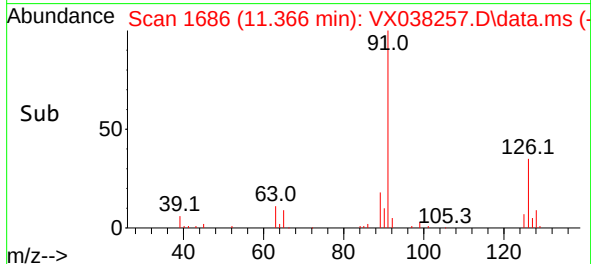
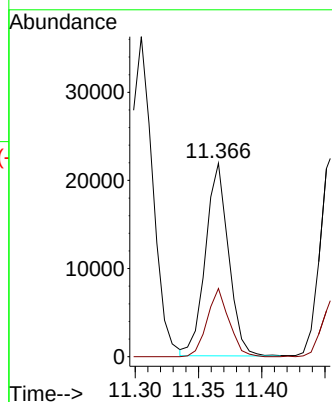
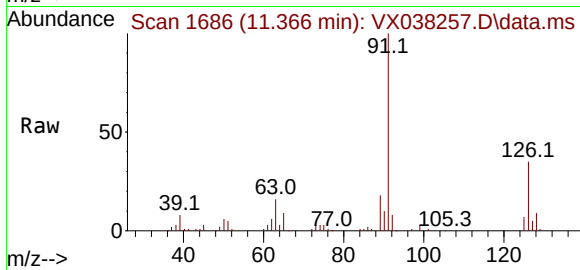
#79
2-Chlorotoluene
Concen: 5.281 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 91 Resp: 2782
Ion Ratio Lower Upper
91 100
126 33.4 16.3 48.8

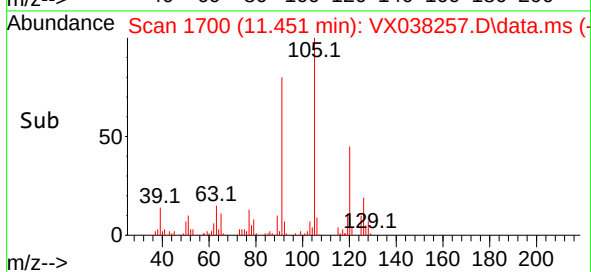
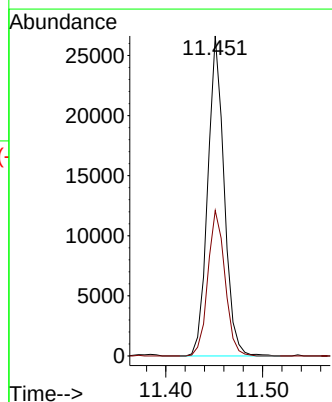
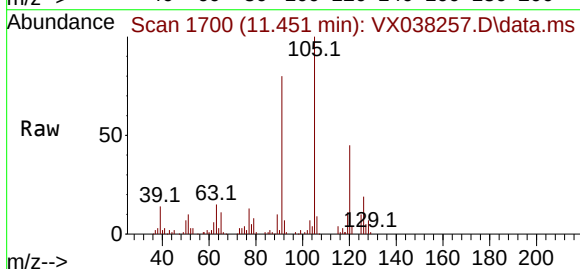
Manual Integrations
APPROVED

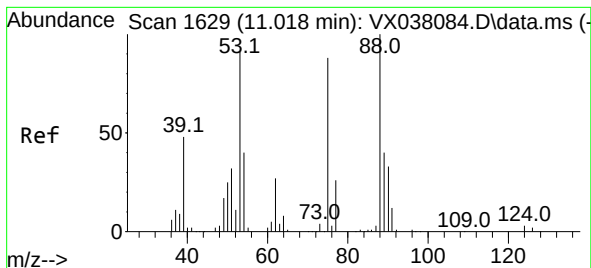
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 5.011 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

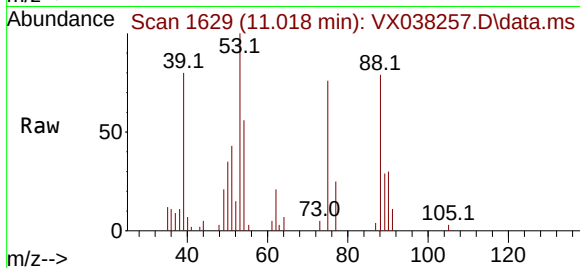
Tgt Ion:105 Resp: 31407
Ion Ratio Lower Upper
105 100
120 47.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 3.330 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

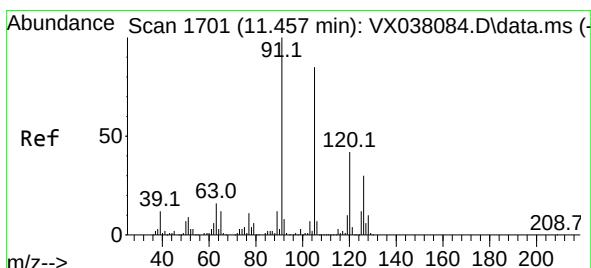
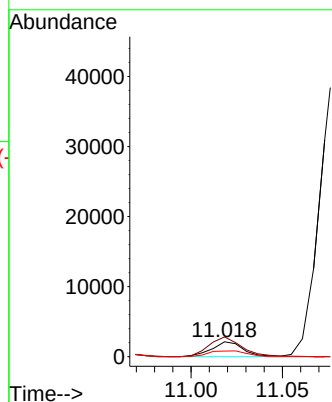
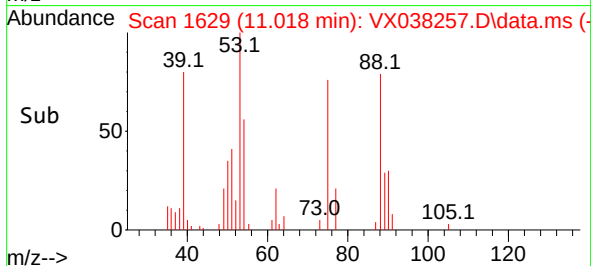
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 75 Resp: 2569
Ion Ratio Lower Upper
75 100
53 138.3 90.5 135.7
89 47.0 36.9 55.3

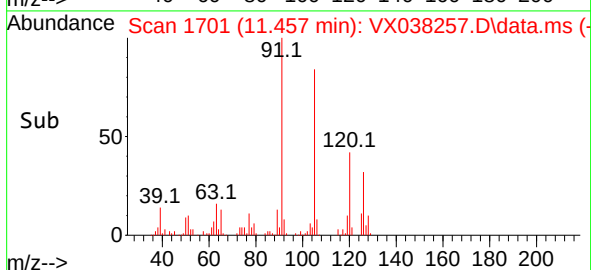
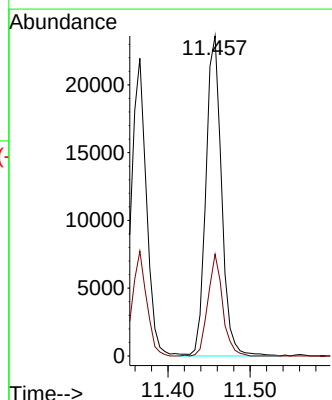
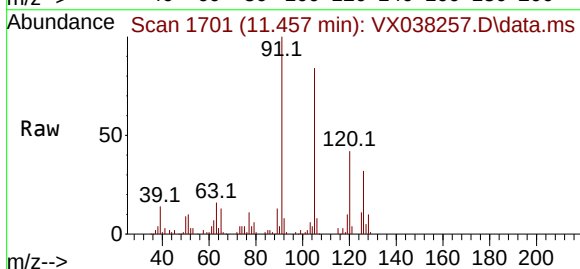
Manual Integrations
APPROVED

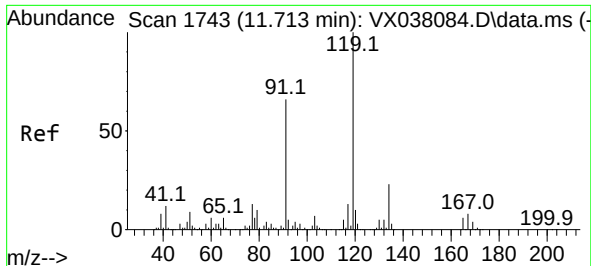
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#82
4-Chlorotoluene
Concen: 5.011 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

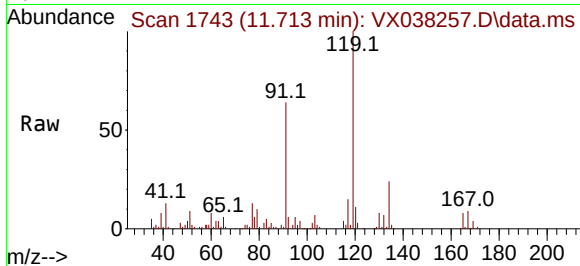
Tgt Ion: 91 Resp: 31242
Ion Ratio Lower Upper
91 100
126 29.9 14.2 42.6





#83
tert-Butylbenzene
Concen: 4.878 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

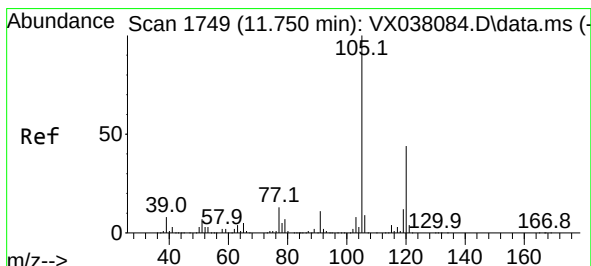
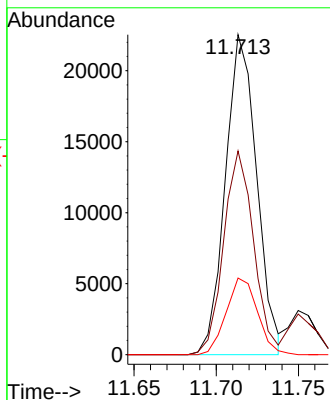
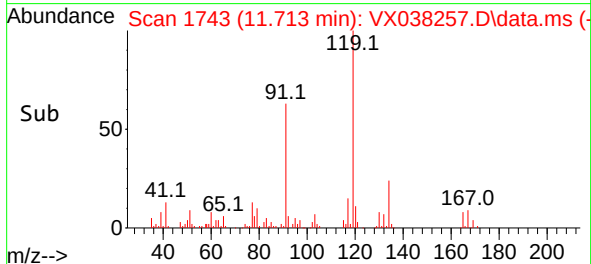
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2023



Tgt Ion:119 Resp: 29880
Ion Ratio Lower Upper
119 100
91 61.1 31.2 93.6
134 24.0 11.7 35.0

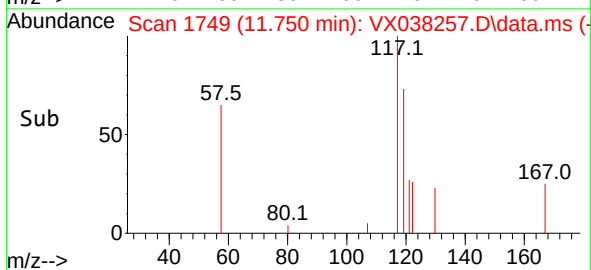
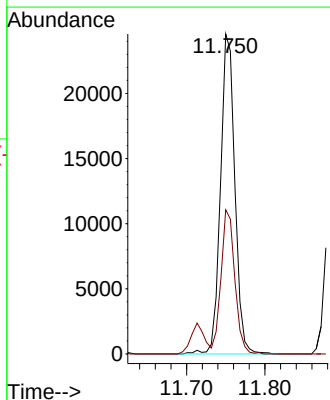
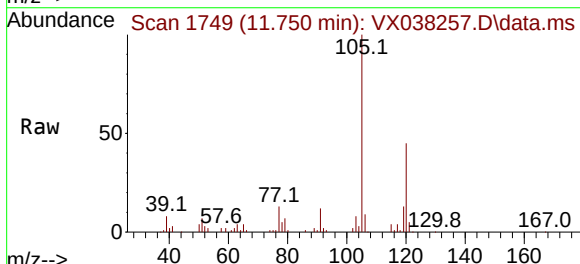
Manual Integrations
APPROVED

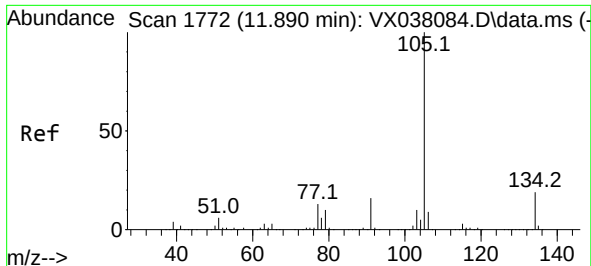
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#84
1,2,4-Trimethylbenzene
Concen: 5.021 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

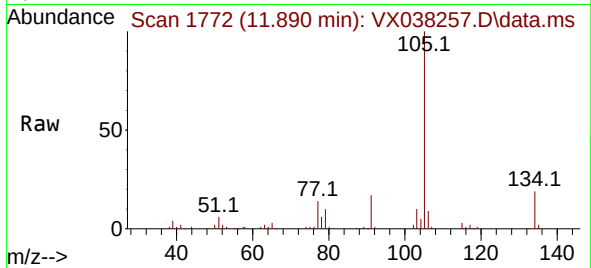
Tgt Ion:105 Resp: 31377
Ion Ratio Lower Upper
105 100
120 43.2 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 5.008 ug/l
 RT: 11.890 min Scan# 11772
 Delta R.T. 0.000 min
 Lab File: VX038257.D
 Acq: 12 Oct 2023 15:26

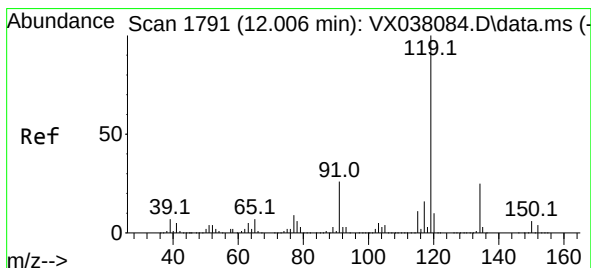
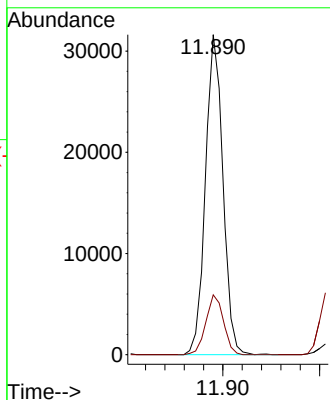
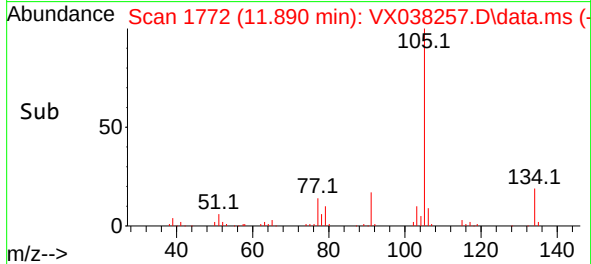
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2023



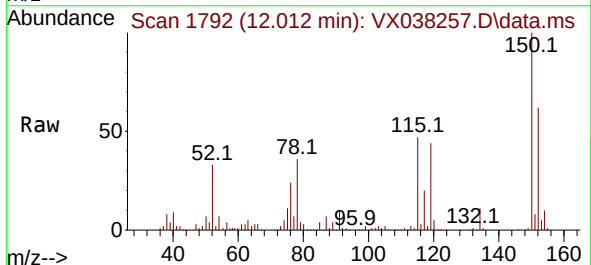
Tgt Ion:105 Resp: 39734
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.4

Manual Integrations
 APPROVED

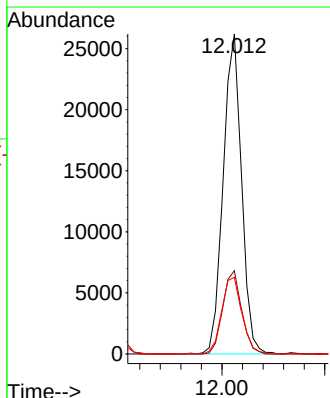
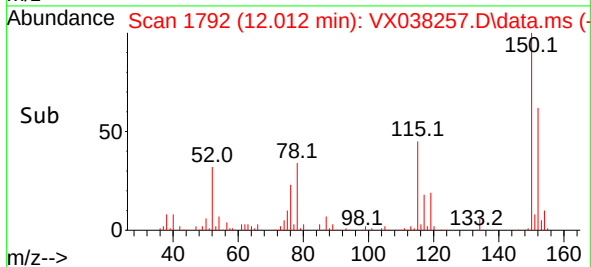
Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023

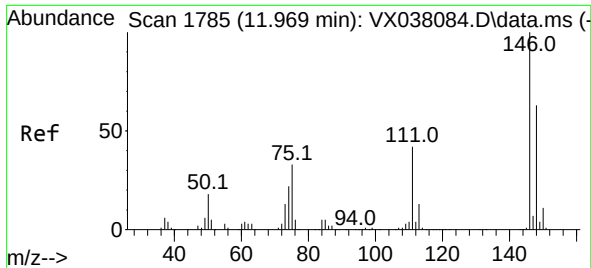


#86
 p-Isopropyltoluene
 Concen: 4.942 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX038257.D
 Acq: 12 Oct 2023 15:26



Tgt Ion:119 Resp: 32352
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.8 38.3
 91 26.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 5.203 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038257.D

Acq: 12 Oct 2023 15:26

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion:146 Resp: 18530

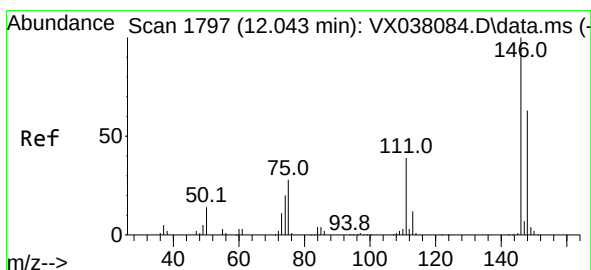
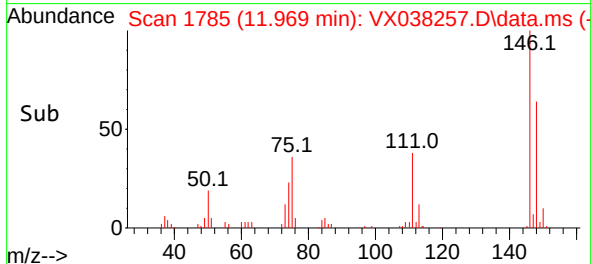
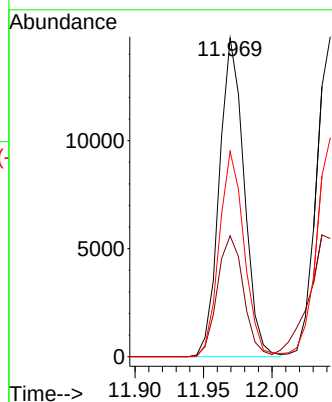
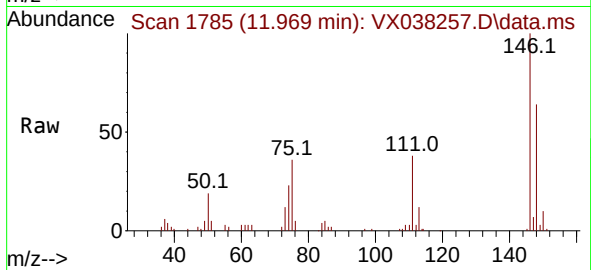
Ion	Ratio	Lower	Upper
146	100		
111	40.2	22.1	66.1
148	65.0	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#88

1,4-Dichlorobenzene

Concen: 5.294 ug/l

RT: 12.042 min Scan# 1797

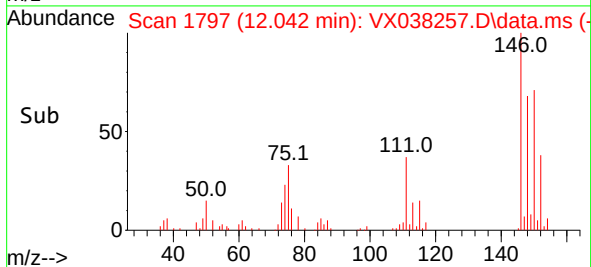
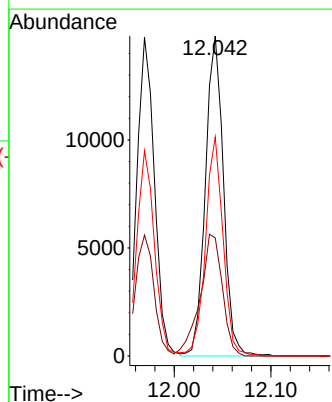
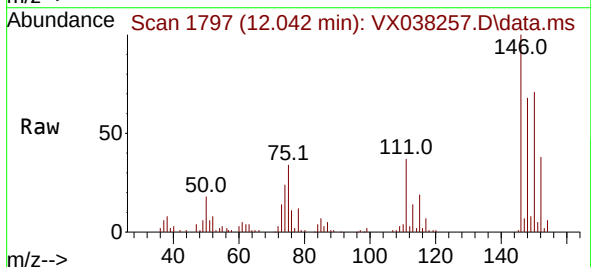
Delta R.T. -0.001 min

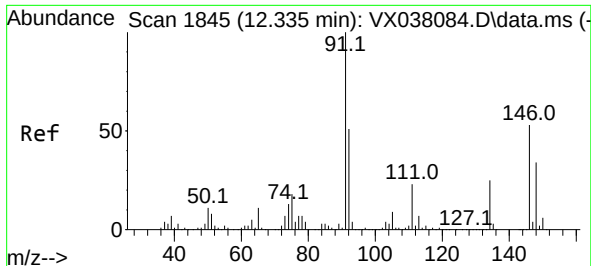
Lab File: VX038257.D

Acq: 12 Oct 2023 15:26

Tgt Ion:146 Resp: 19257

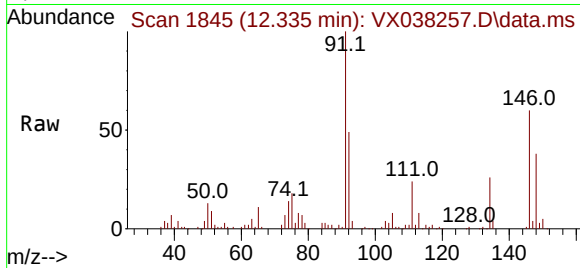
Ion	Ratio	Lower	Upper
146	100		
111	46.9	21.3	63.7
148	66.9	31.8	95.4





#89
n-Butylbenzene
Concen: 4.885 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

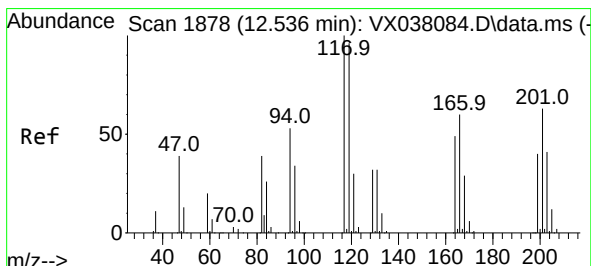
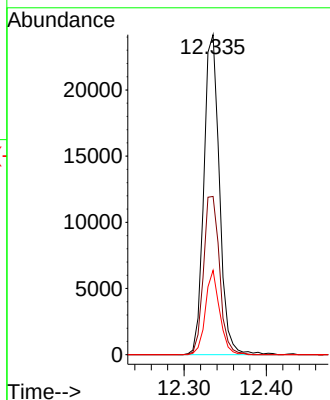
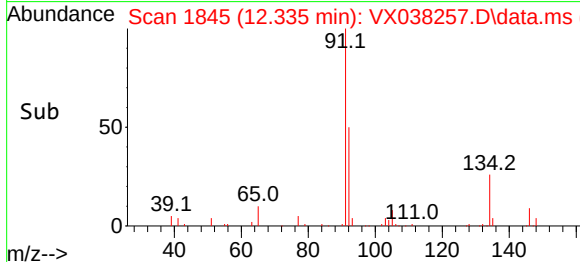
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 91 Resp: 31849
Ion Ratio Lower Upper
91 100
92 51.0 27.4 82.0
134 24.0 12.6 37.8

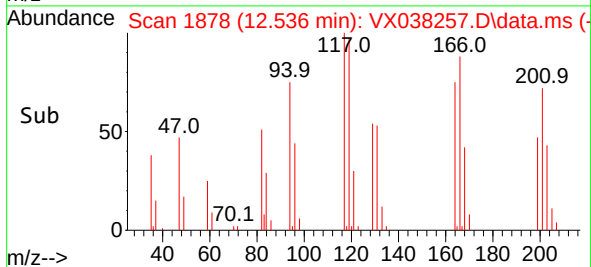
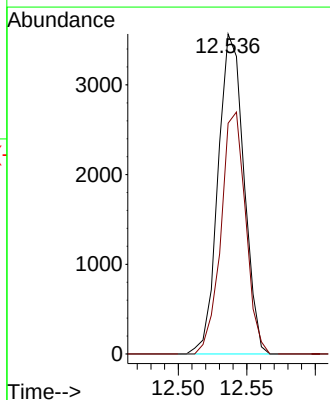
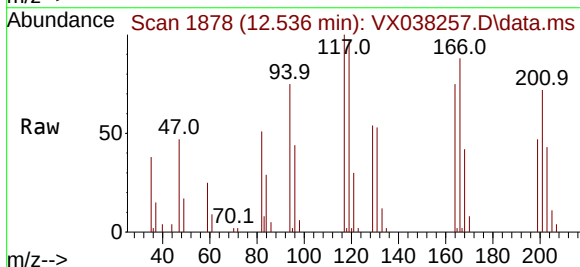
Manual Integrations
APPROVED

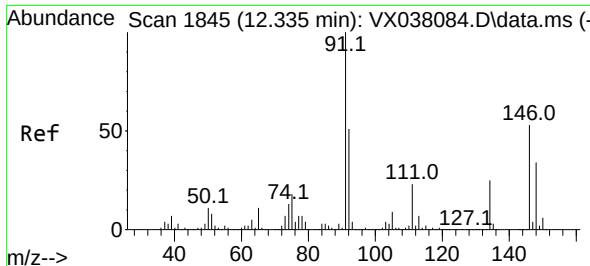
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#90
Hexachloroethane
Concen: 4.307 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

Tgt Ion:117 Resp: 4675
Ion Ratio Lower Upper
117 100
201 72.3 32.9 98.6





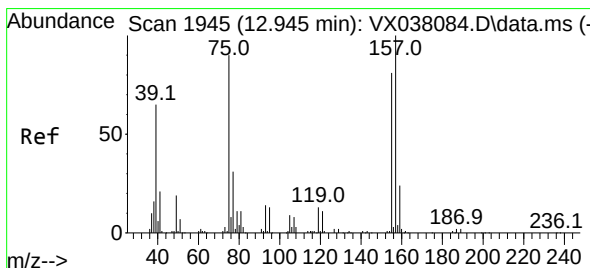
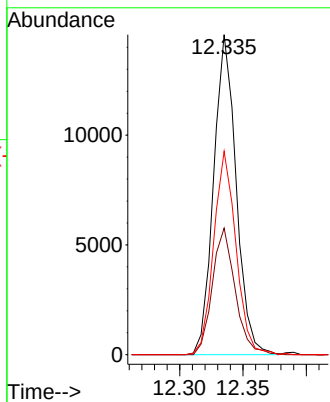
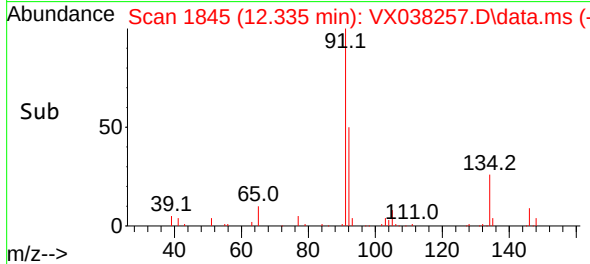
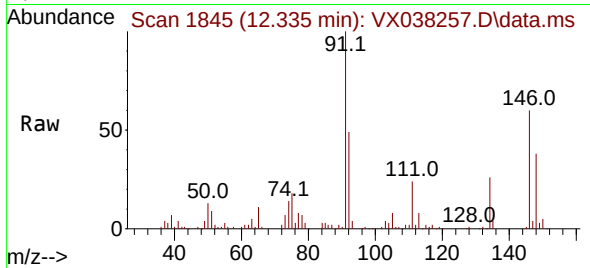
#91
1,2-Dichlorobenzene
Concen: 5.263 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:146 Resp: 1802
Ion Ratio Lower Upper
146 100
111 40.1 22.4 67.0
148 63.1 31.6 95.0

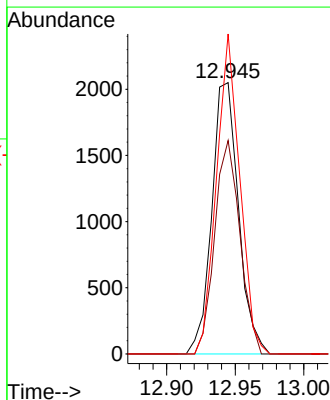
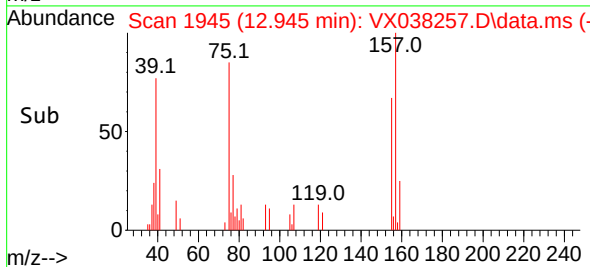
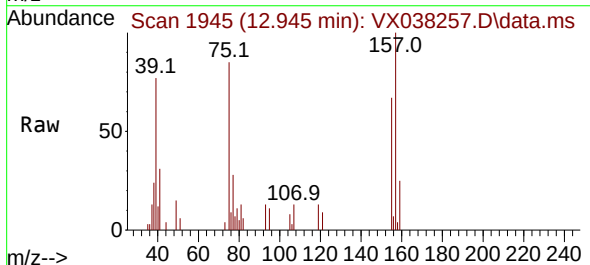
Manual Integrations
APPROVED

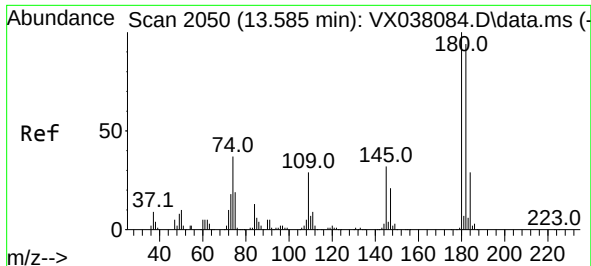
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.300 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

Tgt Ion: 75 Resp: 2772
Ion Ratio Lower Upper
75 100
155 74.7 36.1 108.5
157 103.2 44.9 134.7





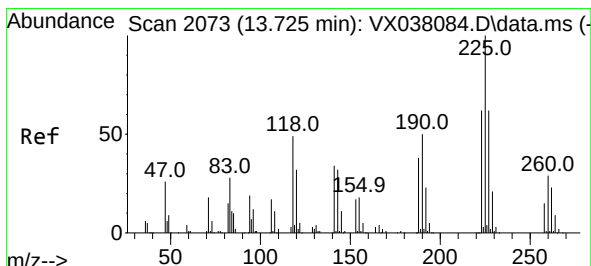
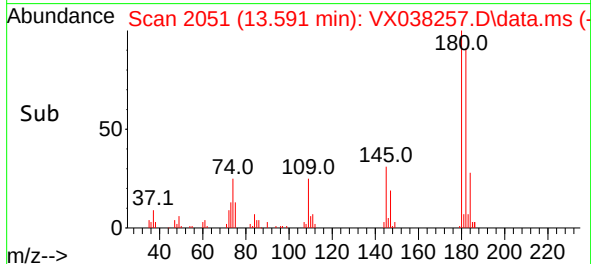
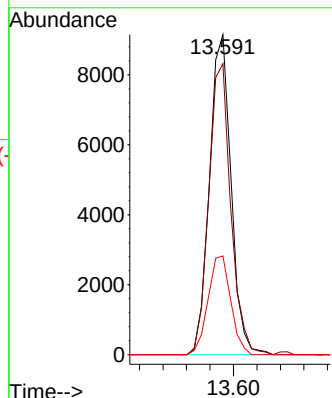
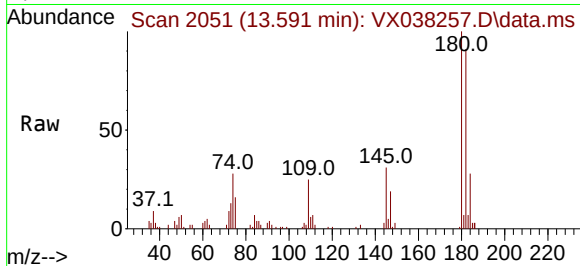
#93
1,2,4-Trichlorobenzene
Concen: 5.079 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:180 Resp: 1166
Ion Ratio Lower Upper
180 100
182 92.7 48.3 144.8
145 32.5 18.0 54.0

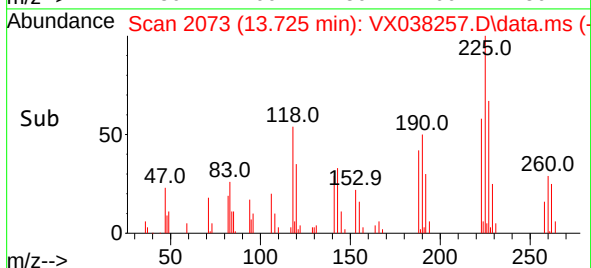
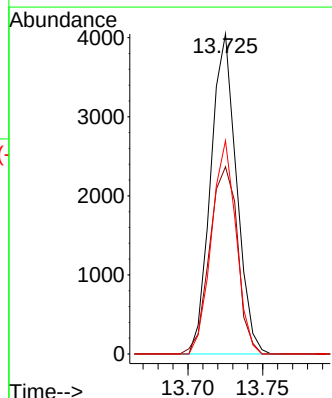
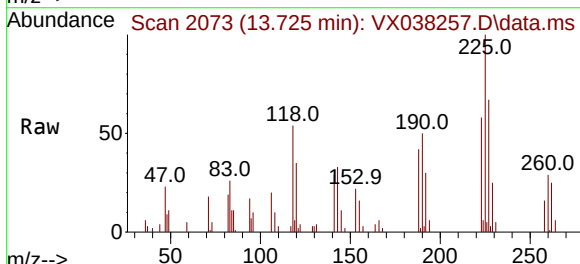
Manual Integrations
APPROVED

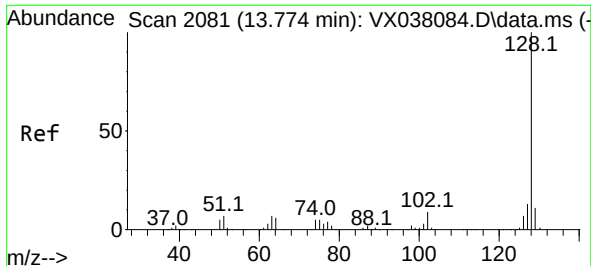
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#94
Hexachlorobutadiene
Concen: 5.245 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

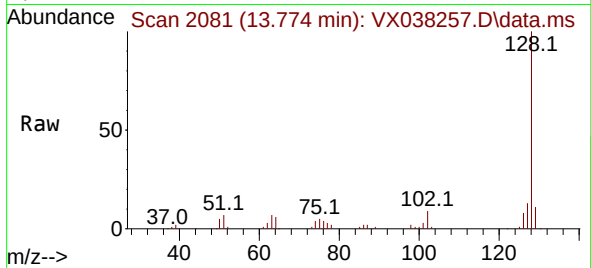
Tgt Ion:225 Resp: 4849
Ion Ratio Lower Upper
225 100
223 63.4 31.1 93.2
227 63.7 32.5 97.5





#95
Naphthalene
Concen: 4.603 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26

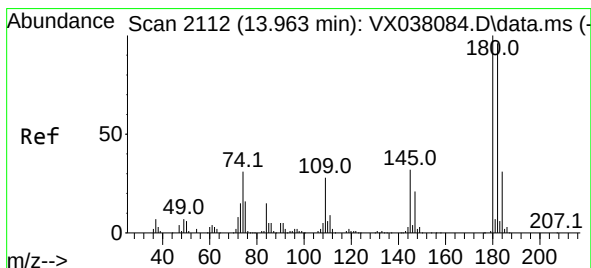
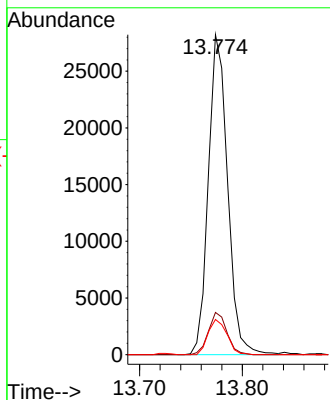
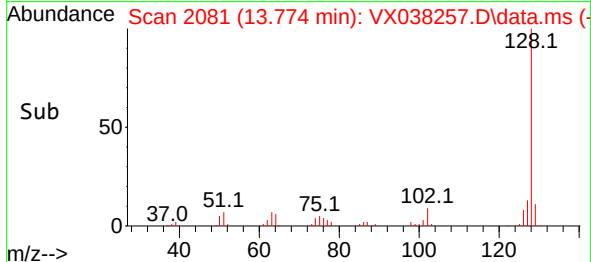
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



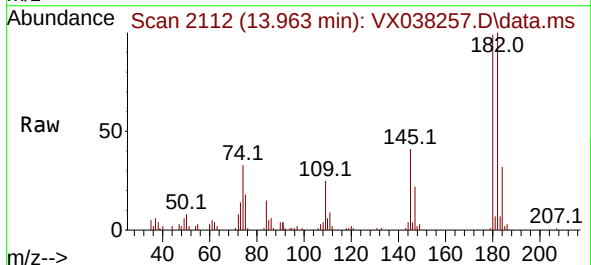
Tgt Ion:128 Resp: 3682
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 5.124 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038257.D
Acq: 12 Oct 2023 15:26



Tgt Ion:180 Resp: 11397
Ion Ratio Lower Upper
180 100
182 95.8 46.9 140.6
145 35.9 17.8 53.5

