

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061924\
 Data File : VX041946.D
 Acq On : 19 Jun 2024 14:50
 Operator : JC/MD
 Sample : P2403-07 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Quant Time: Jun 20 01:34:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:30:37 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2024
 Supervised By : Mahesh Dadoda 06/20/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	177498	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	263411	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100347	49.027	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.060%		
35) Dibromofluoromethane	5.385	113	89096	47.669	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.340%		
50) Toluene-d8	8.647	98	315339	48.026	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.060%		
62) 4-Bromofluorobenzene	11.079	95	111208	45.946	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.900%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	3455	2.555	ug/l	99
3) Chloromethane	1.307	50	5022	2.960	ug/l	95
4) Vinyl Chloride	1.374	62	4661	2.741	ug/l	96
5) Bromomethane	1.593	94	2538	3.022	ug/l	94
6) Chloroethane	1.666	64	2773	3.239	ug/l	98
7) Trichlorofluoromethane	1.868	101	6731	3.021	ug/l	99
8) Diethyl Ether	2.136	74	2758	2.637	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.313	101	4287	2.793	ug/l	91
10) Methyl Iodide	2.441	142	5163	2.707	ug/l	88
11) Tert butyl alcohol	3.002	59	4257	10.959	ug/l	# 94
12) 1,1-Dichloroethene	2.307	96	4087	2.670	ug/l	94
13) Acrolein	2.239	56	4964	11.400	ug/l	94
14) Allyl chloride	2.660	41	6632	2.732	ug/l	89
15) Acrylonitrile	3.075	53	13355	13.163	ug/l	97
16) Acetone	2.392	43	11640	12.951	ug/l	90
17) Carbon Disulfide	2.502	76	7577	2.427	ug/l	# 94
18) Methyl Acetate	2.709	43	6450	2.631	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	13447	2.659	ug/l	100
20) Methylene Chloride	2.788	84	5760	2.927	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	4213	2.711	ug/l	95
22) Diisopropyl ether	3.776	45	13721	2.674	ug/l	95
23) Vinyl Acetate	3.733	43	52482	11.974	ug/l	97
24) 1,1-Dichloroethane	3.605	63	7661	2.666	ug/l	96
25) 2-Butanone	4.587	43	17718	12.672	ug/l	94
26) 2,2-Dichloropropane	4.471	77	4669	2.243	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	5167	2.655	ug/l	85
28) Bromochloromethane	4.904	49	3443	2.797	ug/l	# 72
29) Tetrahydrofuran	5.026	42	12088	13.386	ug/l	94
30) Chloroform	5.099	83	8155	2.724	ug/l	98
31) Cyclohexane	5.465	56	6076	2.538	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	6784	2.712	ug/l	94
36) 1,1-Dichloropropene	5.696	75	5242	2.641	ug/l	96
37) Ethyl Acetate	4.733	43	6466	2.501	ug/l	98
38) Carbon Tetrachloride	5.672	117	5434	2.478	ug/l	94
39) Methylcyclohexane	7.379	83	6172	2.459	ug/l	94
40) Benzene	6.044	78	18091	2.703	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.958	41	3163	2.257	ug/l #	88
42) 1,2-Dichloroethane	6.099	62	6001	2.783	ug/l	94
43) Isopropyl Acetate	6.355	43	9830	2.477	ug/l	95
44) Trichloroethene	7.135	130	4611	2.570	ug/l	87
45) 1,2-Dichloropropane	7.440	63	4315	2.622	ug/l	99
46) Dibromomethane	7.592	93	3083	2.571	ug/l #	76
47) Bromodichloromethane	7.830	83	5404	2.454	ug/l	98
48) Methyl methacrylate	7.708	41	4517	2.385	ug/l	88
49) 1,4-Dioxane	7.678	88	2291m	50.031	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	33258	12.166	ug/l	95
52) Toluene	8.720	92	11581	2.717	ug/l	99
53) t-1,3-Dichloropropene	8.988	75	4634	2.151	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	5262	2.183	ug/l	89
55) 1,1,2-Trichloroethane	9.159	97	4683	2.637	ug/l	97
56) Ethyl methacrylate	9.122	69	6319	2.287	ug/l	91
57) 1,3-Dichloropropane	9.311	76	7230	2.520	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	15697	12.193	ug/l	94
59) 2-Hexanone	9.433	43	25818	12.331	ug/l	98
60) Dibromochloromethane	9.525	129	4438	2.301	ug/l	94
61) 1,2-Dibromoethane	9.616	107	4659	2.530	ug/l	99
64) Tetrachloroethene	9.275	164	4758	2.766	ug/l	91
65) Chlorobenzene	10.080	112	13539	2.756	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	4141	2.407	ug/l	93
67) Ethyl Benzene	10.195	91	19541	2.538	ug/l	93
68) m/p-Xylenes	10.305	106	15483	4.981	ug/l	91
69) o-Xylene	10.647	106	7629	2.479	ug/l	96
70) Styrene	10.659	104	12221	2.368	ug/l	93
71) Bromoform	10.799	173	3304	2.148	ug/l #	97
73) Isopropylbenzene	10.964	105	18911	2.678	ug/l	99
74) N-amyl acetate	10.848	43	7656	2.440	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	7191	2.738	ug/l	96
76) 1,2,3-Trichloropropane	11.244	75	6097m	2.891	ug/l	
77) Bromobenzene	11.201	156	5813	2.763	ug/l	81
78) n-propylbenzene	11.305	91	19610	2.559	ug/l	96
79) 2-Chlorotoluene	11.366	91	13677	2.770	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	15659	2.662	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	1391m	1.873	ug/l	
82) 4-Chlorotoluene	11.457	91	14562	2.668	ug/l	94
83) tert-Butylbenzene	11.713	119	16856	2.611	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	15013	2.544	ug/l	91
85) sec-Butylbenzene	11.890	105	18636	2.552	ug/l	95
86) p-Isopropyltoluene	12.012	119	14880	2.333	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	9832	2.659	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	10267	2.713	ug/l	94
89) n-Butylbenzene	12.335	91	10792	2.198	ug/l	96
90) Hexachloroethane	12.536	117	2542	2.341	ug/l	62
91) 1,2-Dichlorobenzene	12.335	146	10163	2.686	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1212	2.329	ug/l #	51
93) 1,2,4-Trichlorobenzene	13.591	180	5581	2.252	ug/l	96
94) Hexachlorobutadiene	13.725	225	3306	2.638	ug/l	98
95) Naphthalene	13.780	128	16773	2.195	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	6343	2.427	ug/l	96

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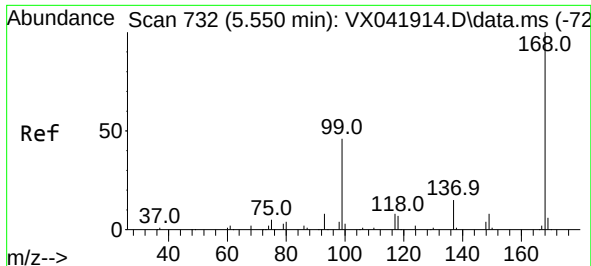
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/20/2024

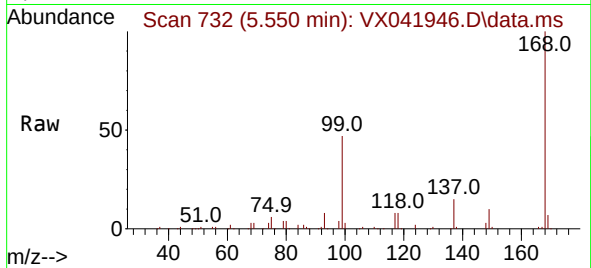
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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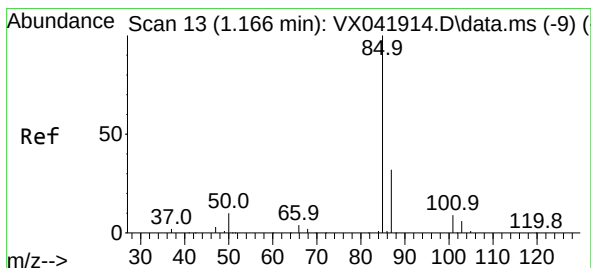
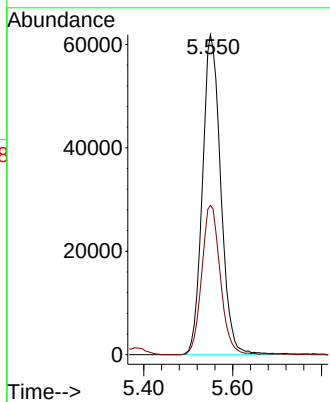
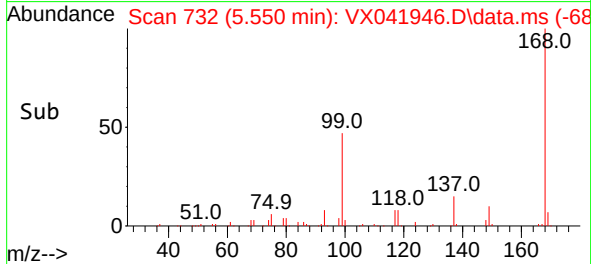
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:168 Resp: 177498
Ion Ratio Lower Upper
168 100
99 46.6 56.6 85.0

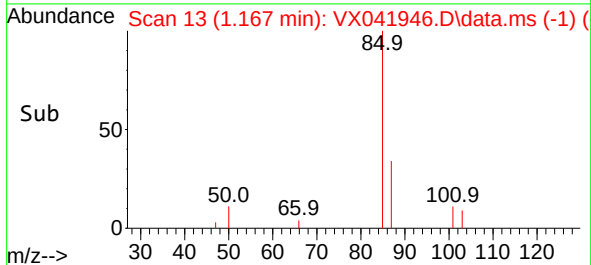
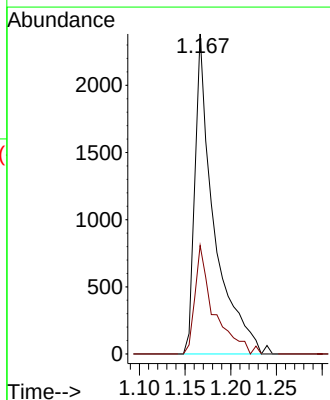
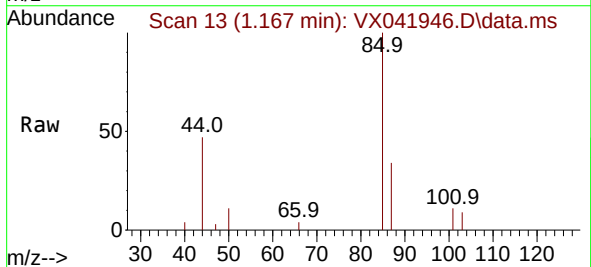
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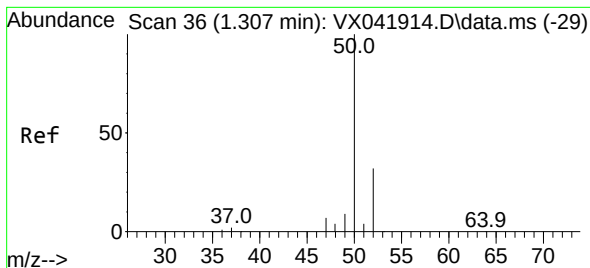
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#2
Dichlorodifluoromethane
Concen: 2.555 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

Tgt Ion: 85 Resp: 3455
Ion Ratio Lower Upper
85 100
87 33.9 16.7 50.1





#3

Chloromethane

Concen: 2.960 ug/l

RT: 1.307 min Scan# 30

Delta R.T. 0.000 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

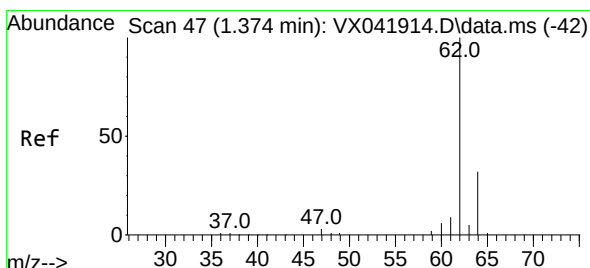
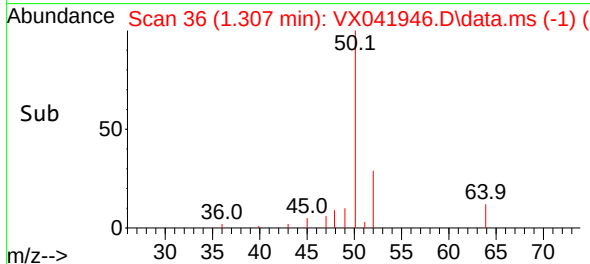
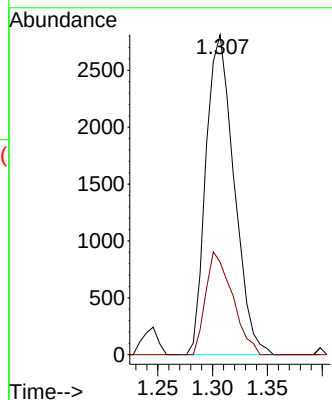
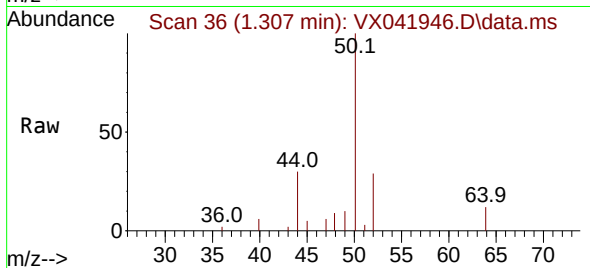
Tgt Ion: 50 Resp: 502
 Ion Ratio Lower Upper
 50 100
 52 28.9 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 2.741 ug/l

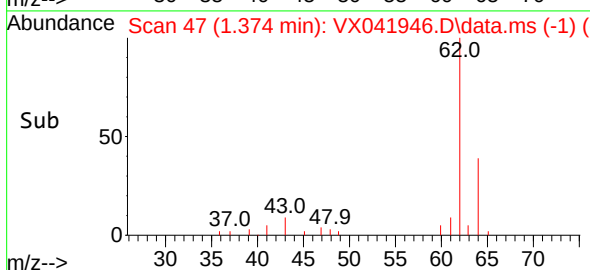
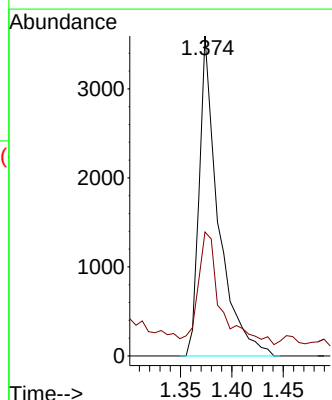
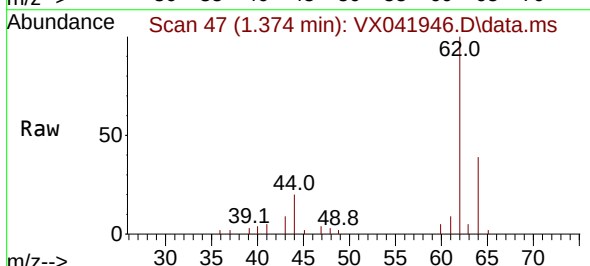
RT: 1.374 min Scan# 47

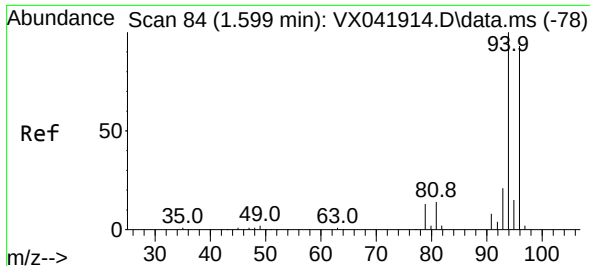
Delta R.T. 0.000 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

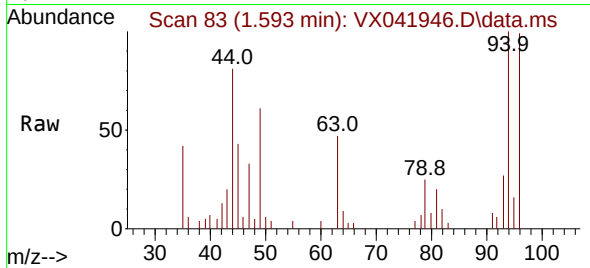
Tgt Ion: 62 Resp: 4661
 Ion Ratio Lower Upper
 62 100
 64 34.1 25.4 38.0





#5
Bromomethane
Concen: 3.022 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

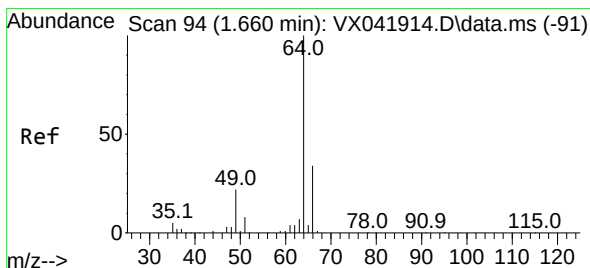
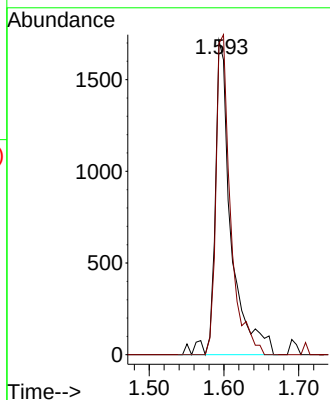
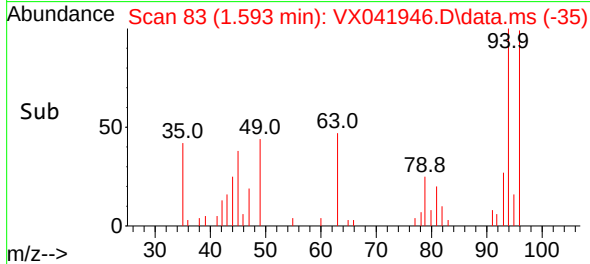
Instrument :
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Tgt Ion: 94 Resp: 2538
Ion Ratio Lower Upper
94 100
96 99.0 74.6 111.8

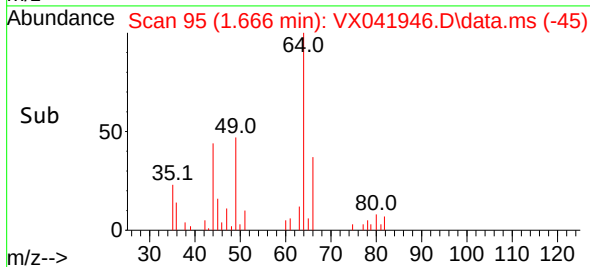
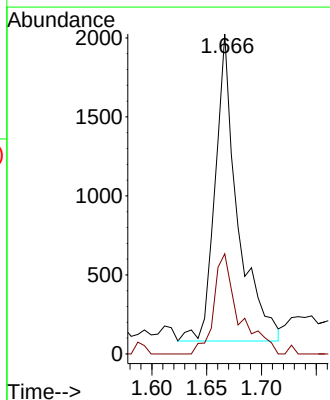
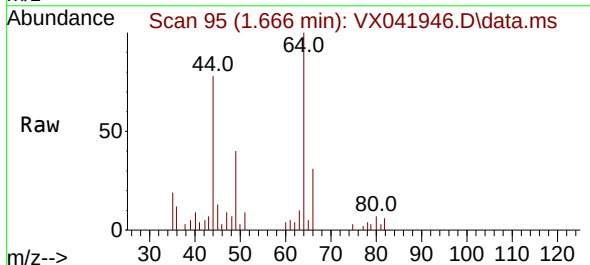
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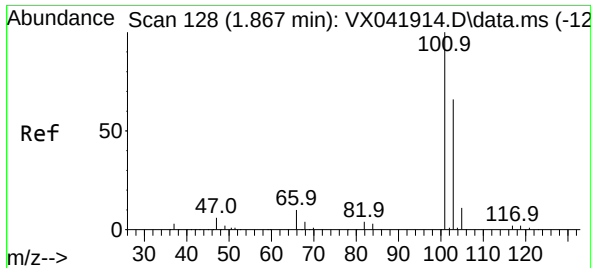
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#6
Chloroethane
Concen: 3.239 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

Tgt Ion: 64 Resp: 2773
Ion Ratio Lower Upper
64 100
66 32.6 25.1 37.7





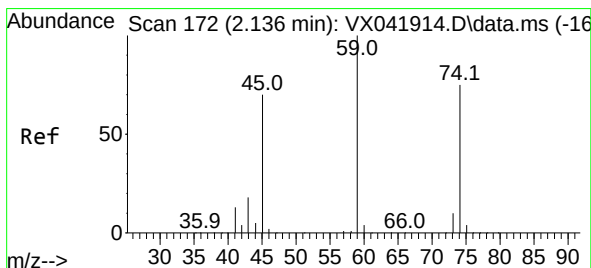
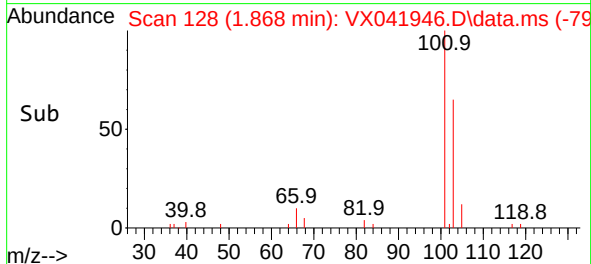
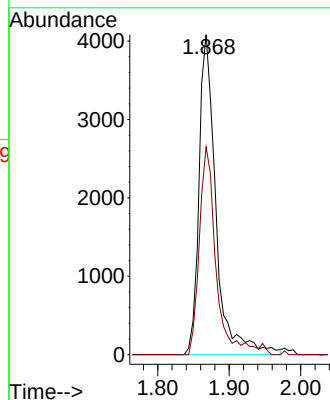
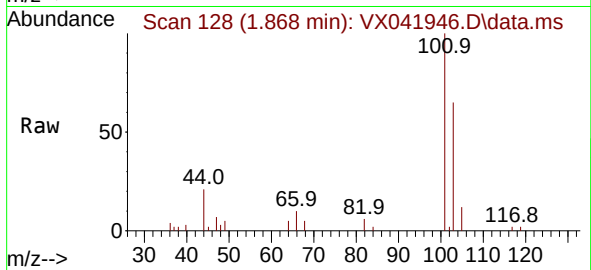
#7
Trichlorofluoromethane
Concen: 3.021 ug/l
RT: 1.868 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion:101 Resp: 673
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.2

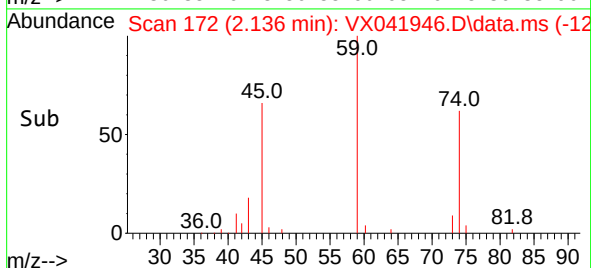
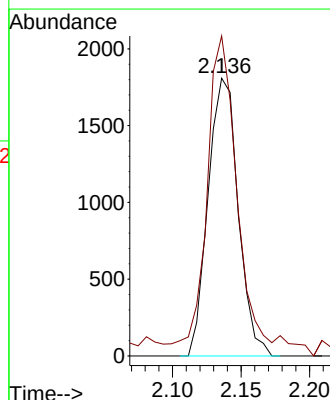
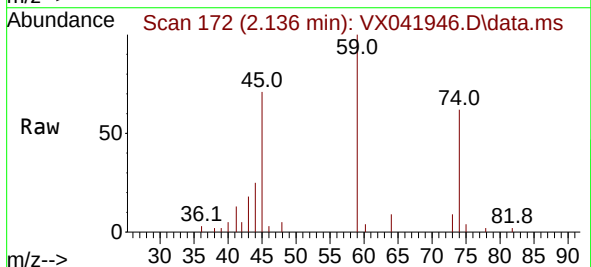
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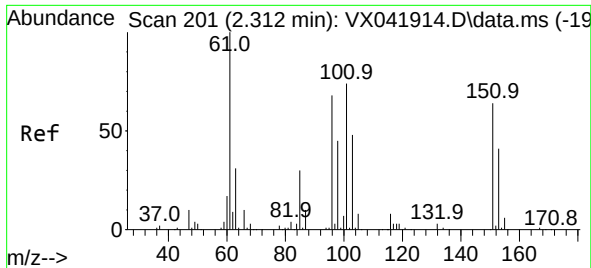
Reviewed By :John Carlone 06/20/2024
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#8
Diethyl Ether
Concen: 2.637 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

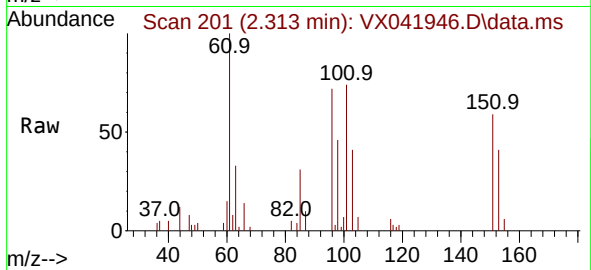
Tgt Ion: 74 Resp: 2758
Ion Ratio Lower Upper
74 100
45 121.8 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.793 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX041946.D
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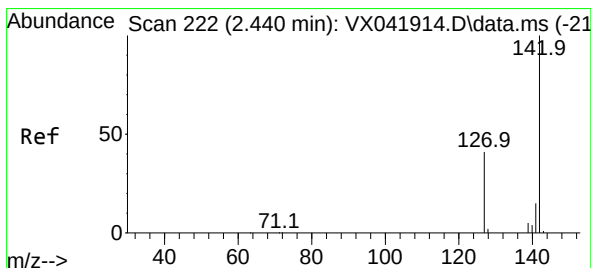
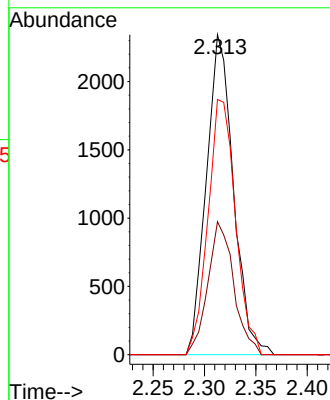
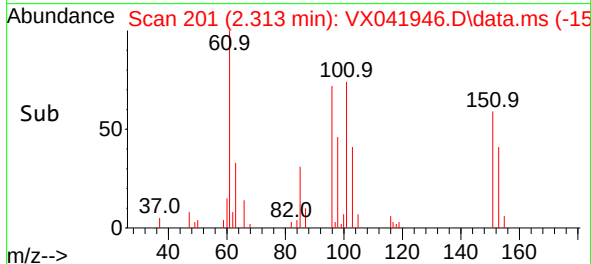
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



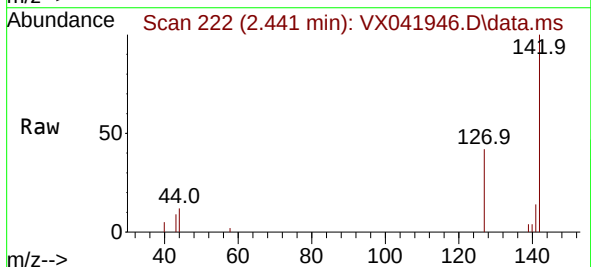
Tgt Ion:101 Resp: 428
Ion Ratio Lower Upper
101 100
85 39.9 37.0 55.6
151 81.0 58.6 87.8

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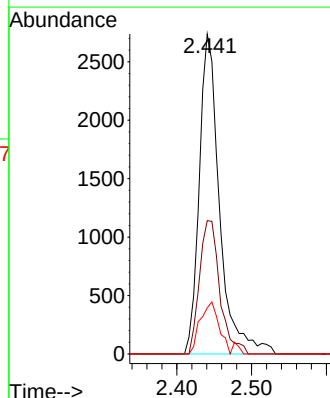
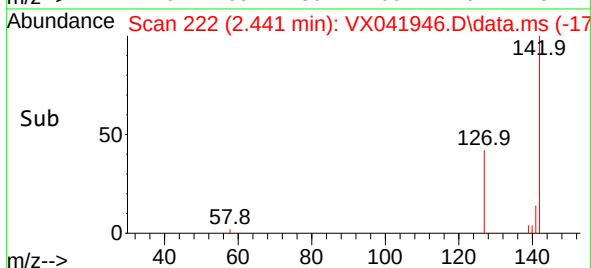
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

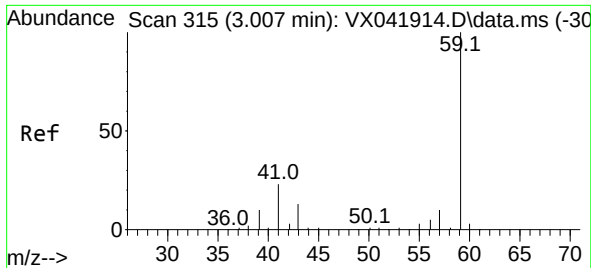


#10
Methyl Iodide
Concen: 2.707 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50



Tgt Ion:142 Resp: 5163
Ion Ratio Lower Upper
142 100
127 41.7 41.6 62.4
141 15.0 11.6 17.4





#11

Tert butyl alcohol

Concen: 10.959 ug/l

RT: 3.002 min Scan# 315

Delta R.T. -0.006 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

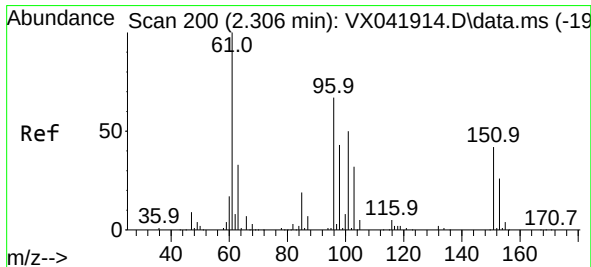
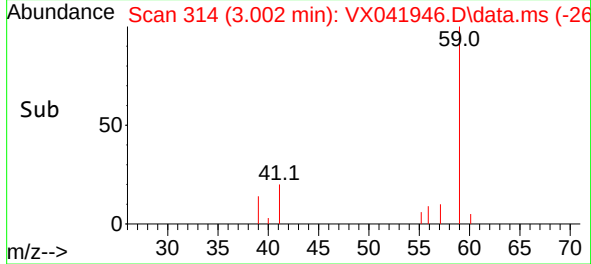
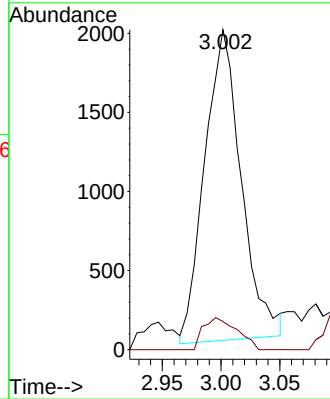
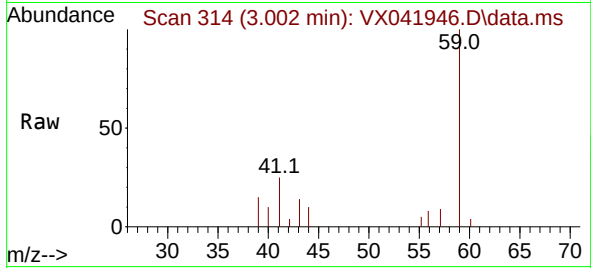
Tgt Ion: 59 Resp: 425
 Ion Ratio Lower Upper
 59 100
 57 9.5 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#12

1,1-Dichloroethene

Concen: 2.670 ug/l

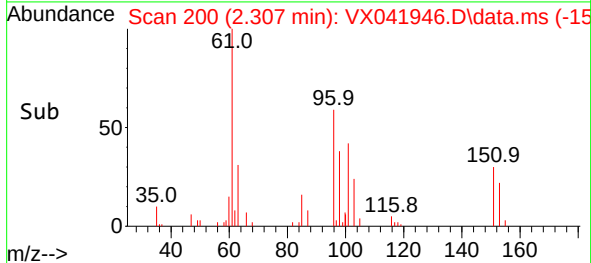
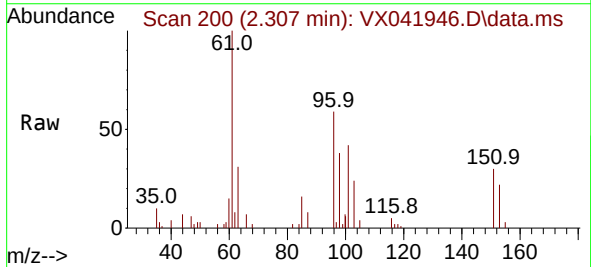
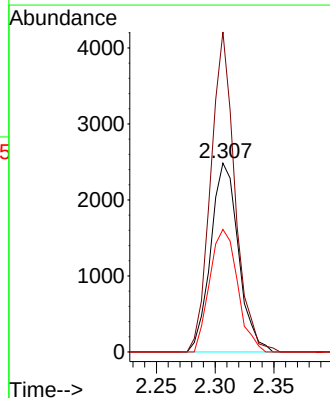
RT: 2.307 min Scan# 200

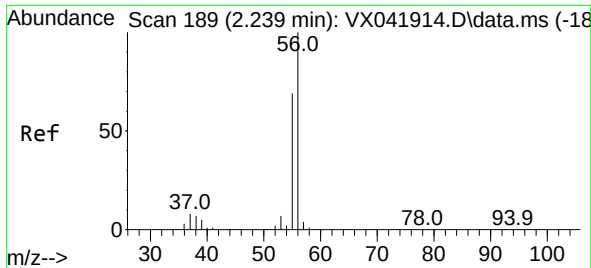
Delta R.T. 0.000 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

Tgt Ion: 96 Resp: 4087
 Ion Ratio Lower Upper
 96 100
 61 169.5 144.6 216.8
 98 64.9 50.4 75.6





#13

Acrolein

Concen: 11.400 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

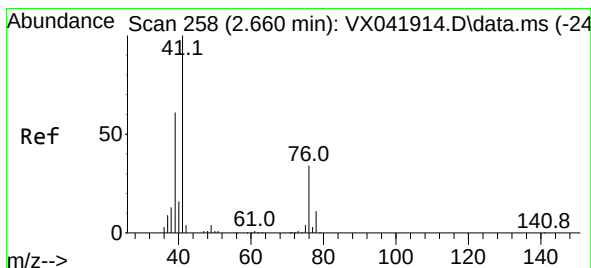
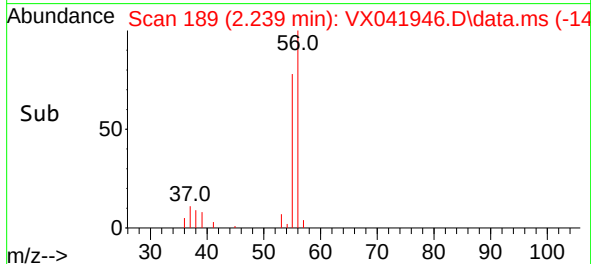
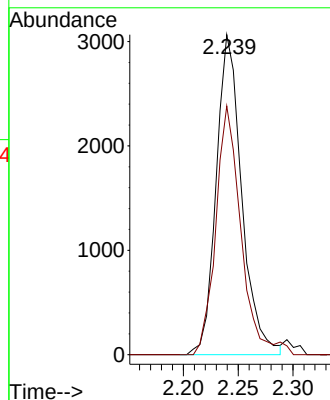
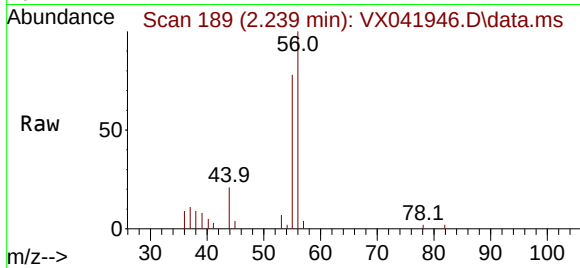
Tgt Ion: 56 Resp: 4964
 Ion Ratio Lower Upper
 56 100
 55 76.8 57.1 85.7

Manual Integrations

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Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#14

Allyl chloride

Concen: 2.732 ug/l

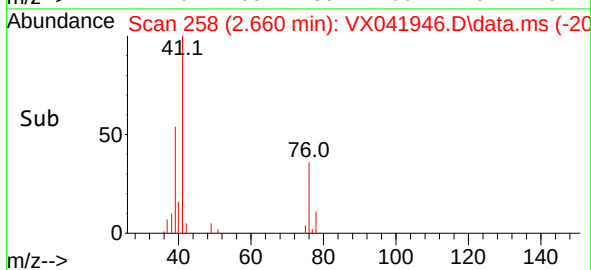
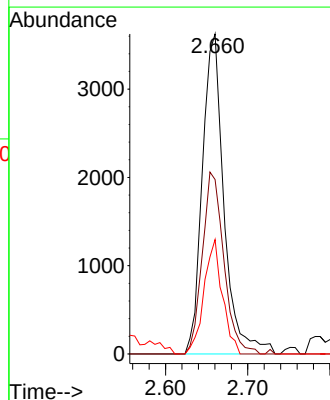
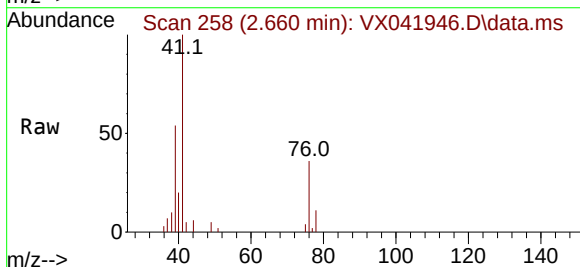
RT: 2.660 min Scan# 258

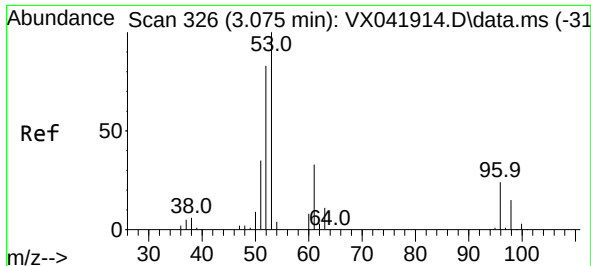
Delta R.T. 0.000 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

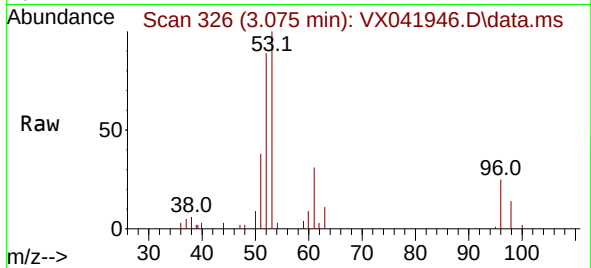
Tgt Ion: 41 Resp: 6632
 Ion Ratio Lower Upper
 41 100
 39 56.7 55.8 83.6
 76 30.4 24.3 36.5





#15
Acrylonitrile
Concen: 13.163 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

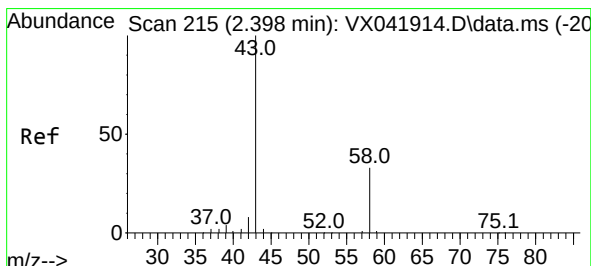
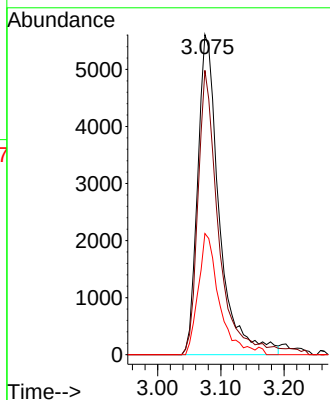
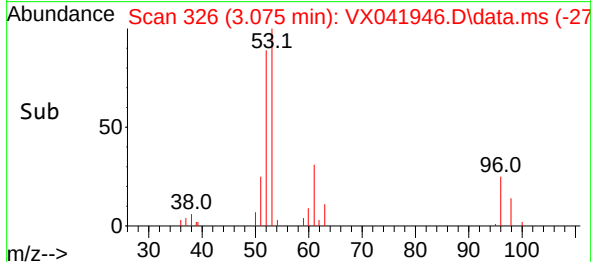
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 53 Resp: 1335
Ion Ratio Lower Upper
53 100
52 85.8 66.0 99.0
51 37.2 29.8 44.6

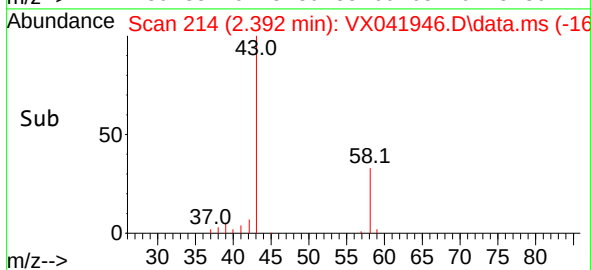
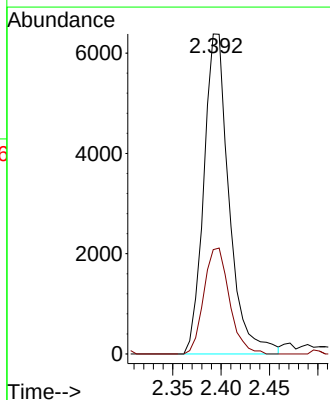
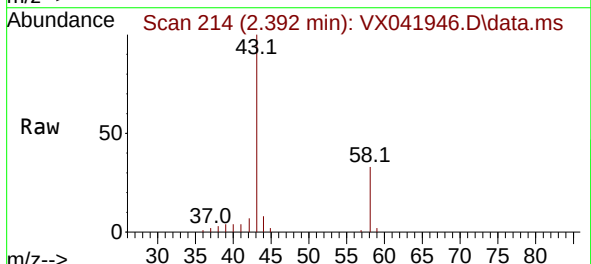
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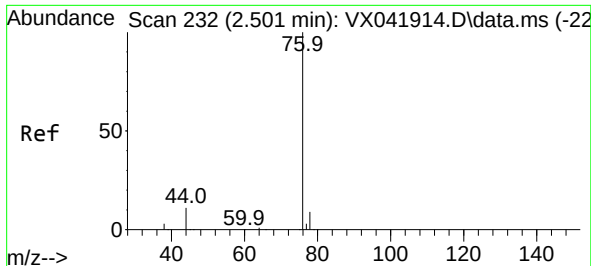
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#16
Acetone
Concen: 12.951 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

Tgt Ion: 43 Resp: 11640
Ion Ratio Lower Upper
43 100
58 32.6 21.9 32.9





#17

Carbon Disulfide

Concen: 2.427 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 76 Resp: 757

Ion Ratio Lower Upper

76 100

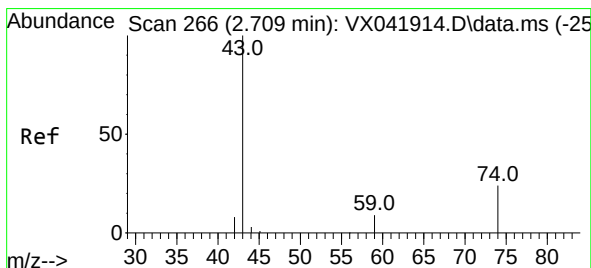
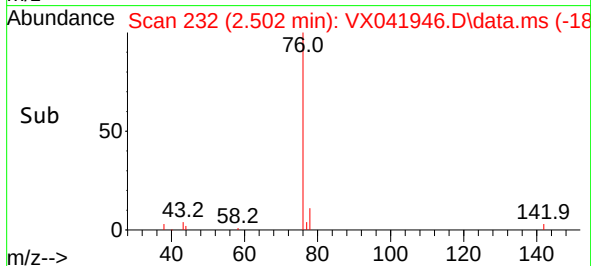
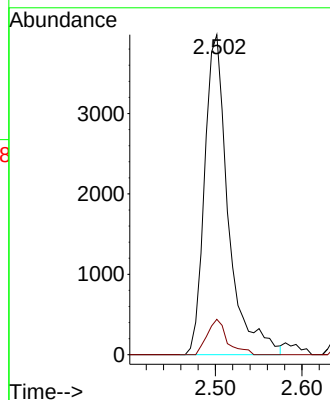
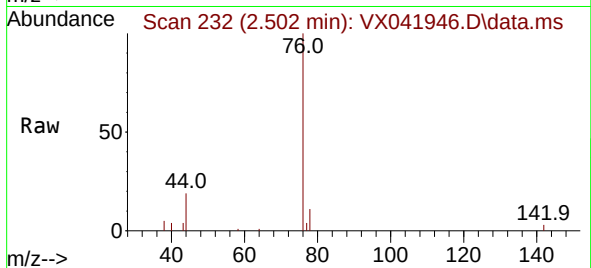
78 11.1 7.0 10.6

Manual Integrations

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Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#18

Methyl Acetate

Concen: 2.631 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX041946.D

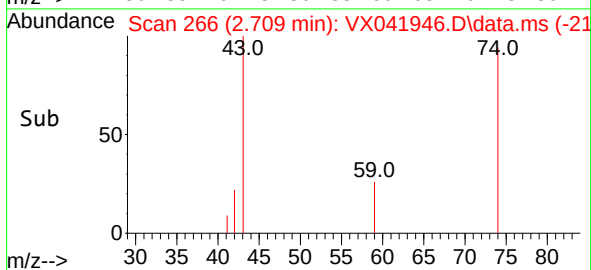
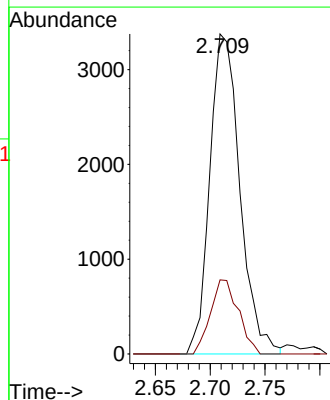
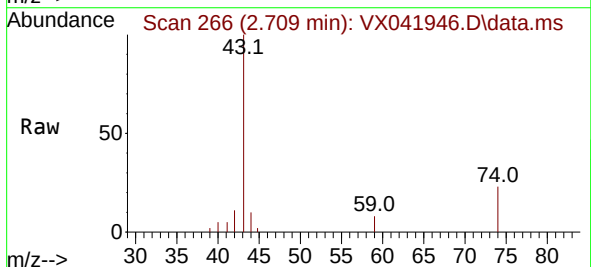
Acq: 19 Jun 2024 14:50

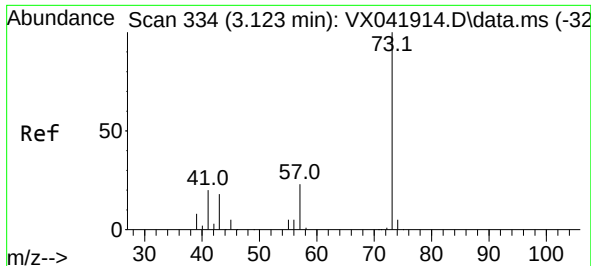
Tgt Ion: 43 Resp: 6450

Ion Ratio Lower Upper

43 100

74 21.4 17.8 26.8





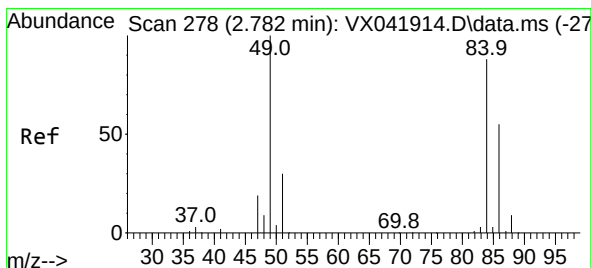
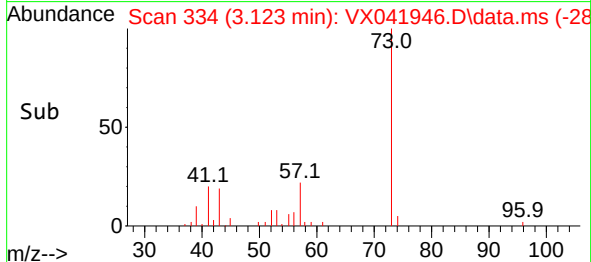
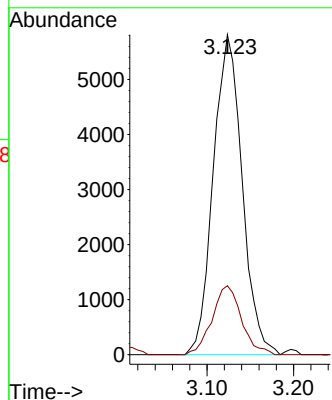
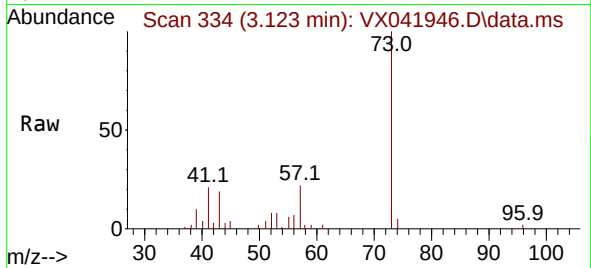
#19
Methyl tert-butyl Ether
Concen: 2.659 ug/l
RT: 3.123 min Scan# 314
Delta R.T. 0.000 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 73 Resp: 1344
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9

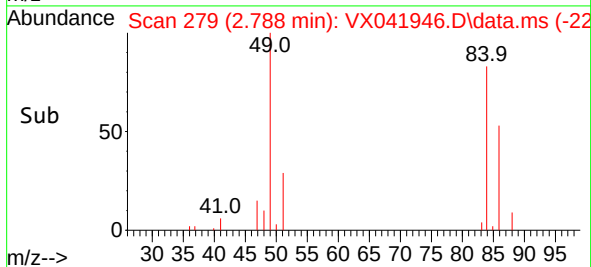
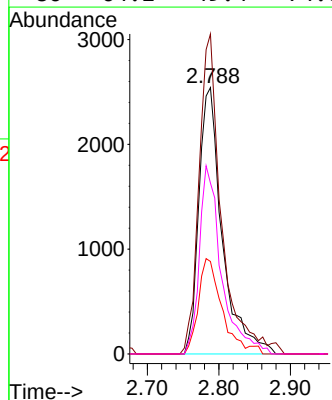
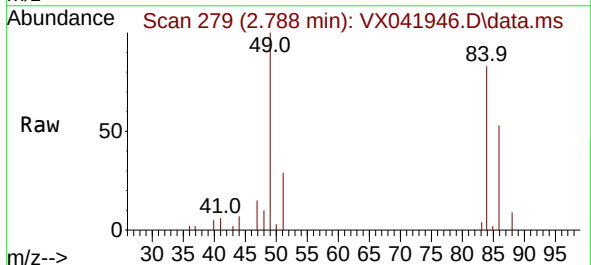
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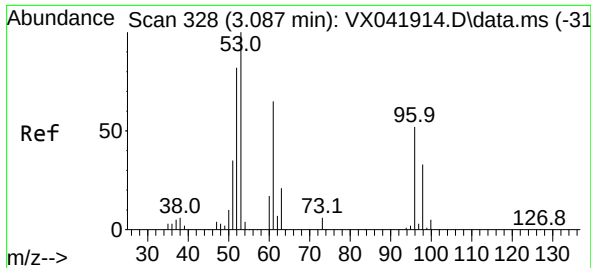
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#20
Methylene Chloride
Concen: 2.927 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

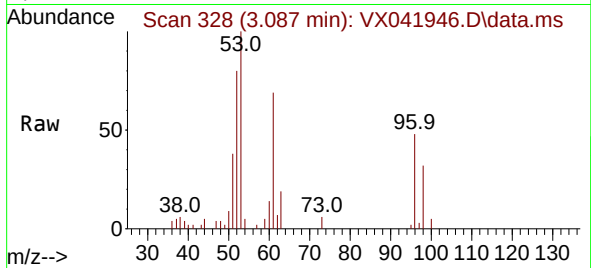
Tgt Ion: 84 Resp: 5760
Ion Ratio Lower Upper
84 100
49 120.1 103.6 155.4
51 34.7 33.8 50.6
86 64.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 2.711 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

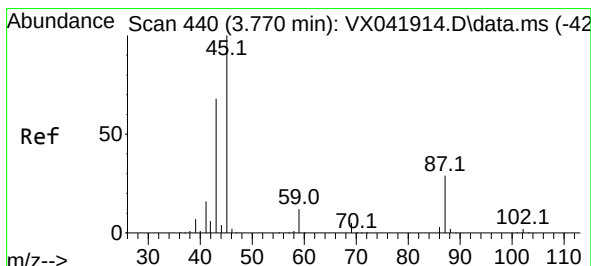
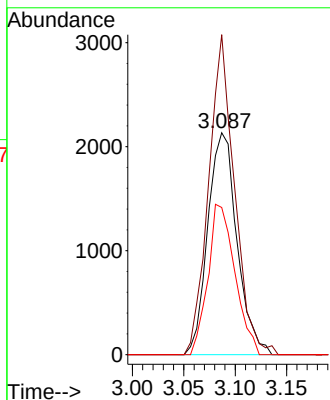
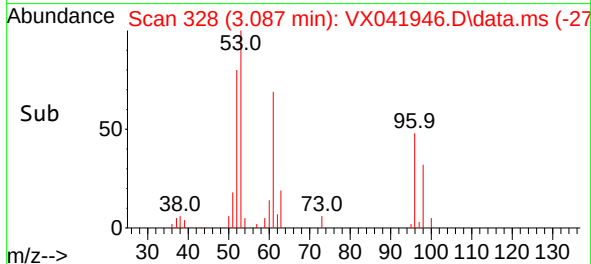
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



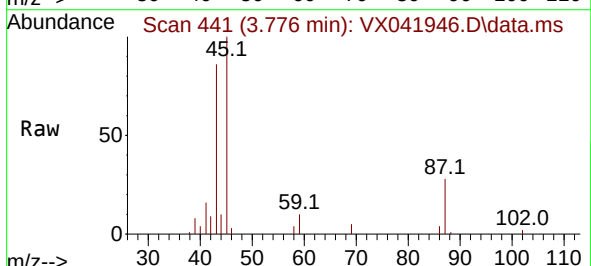
Tgt Ion: 96 Resp: 421
Ion Ratio Lower Upper
96 100
61 144.2 119.2 178.8
98 66.4 48.7 73.1

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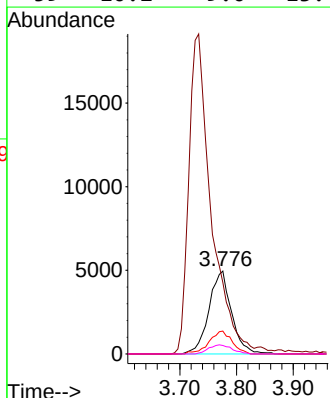
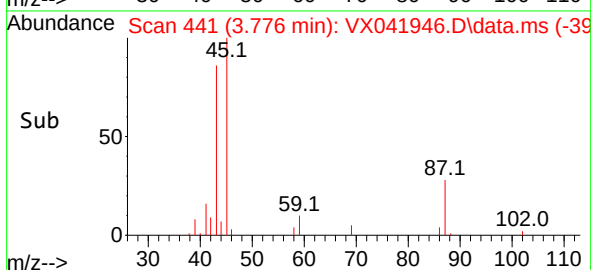
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

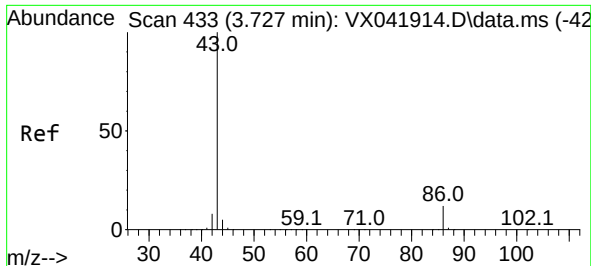


#22
Diisopropyl ether
Concen: 2.674 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.006 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50



Tgt Ion: 45 Resp: 13721
Ion Ratio Lower Upper
45 100
43 81.4 69.7 104.5
87 27.5 20.8 31.2
59 10.2 9.0 13.4





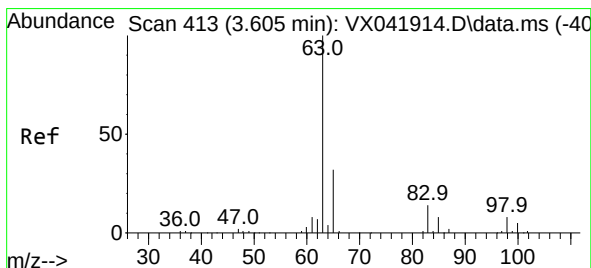
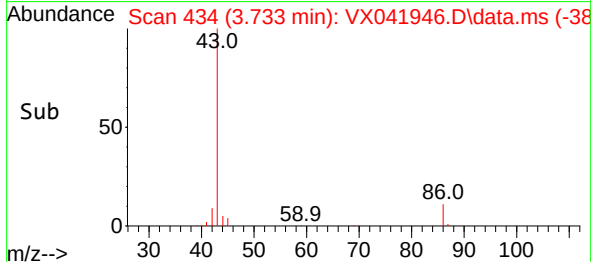
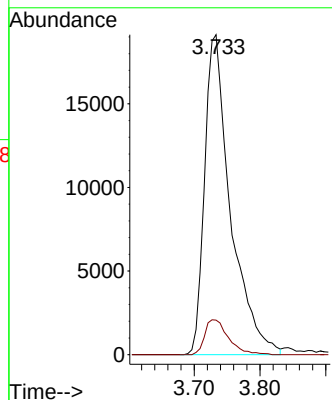
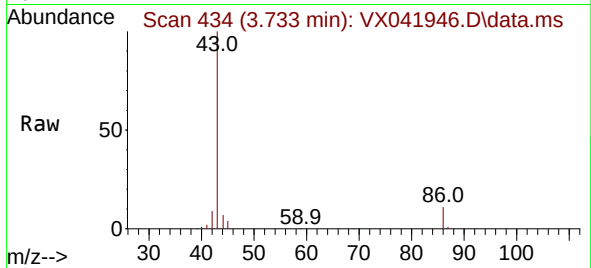
#23
 Vinyl Acetate
 Concen: 11.974 ug/l
 RT: 3.733 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX041946.D
 Acq: 19 Jun 2024 14:50

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 43 Resp: 5248
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.8 11.8

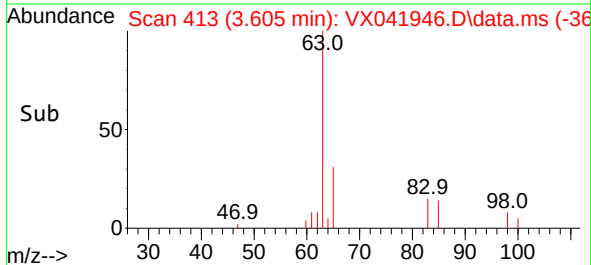
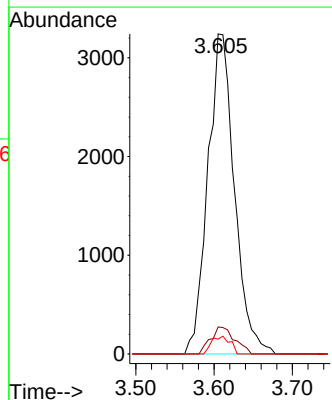
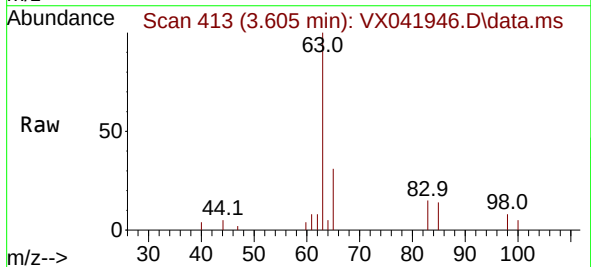
Manual Integrations
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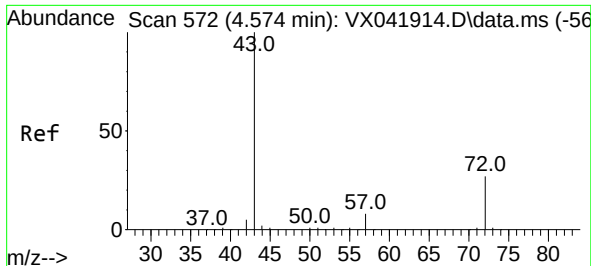
Reviewed By :John Carlone 06/20/2024
 Supervised By :Mahesh Dadoda 06/20/2024



#24
 1,1-Dichloroethane
 Concen: 2.666 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX041946.D
 Acq: 19 Jun 2024 14:50

Tgt Ion: 63 Resp: 7661
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.3 9.8
 100 4.7 2.1 6.5





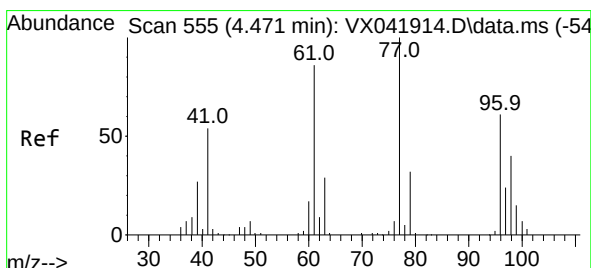
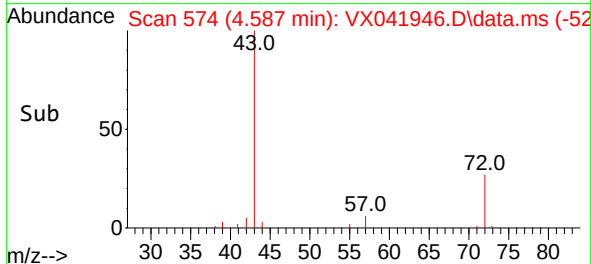
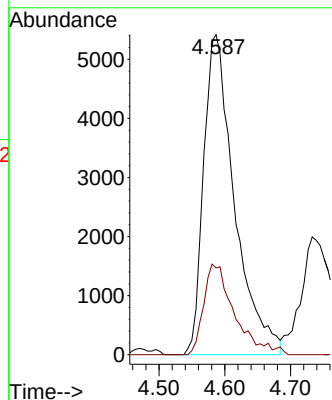
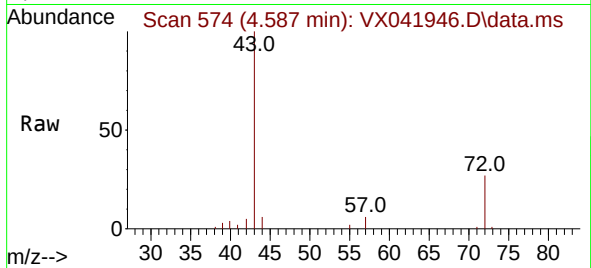
#25
2-Butanone
Concen: 12.672 ug/l
RT: 4.587 min Scan# 511
Delta R.T. 0.012 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 43 Resp: 17718
Ion Ratio Lower Upper
43 100
72 27.1 19.4 29.2

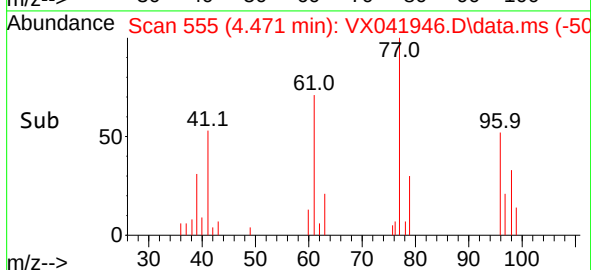
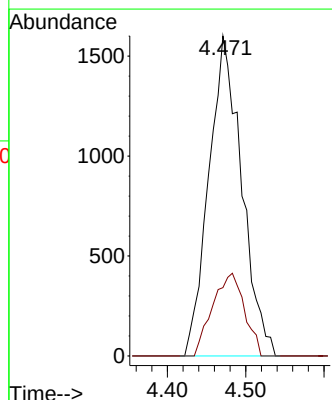
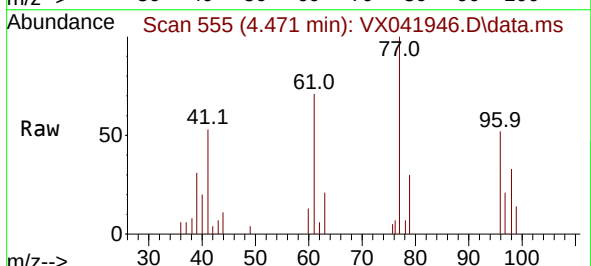
Manual Integrations
APPROVED

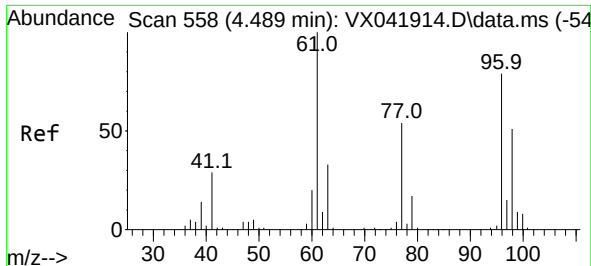
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#26
2,2-Dichloropropane
Concen: 2.243 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

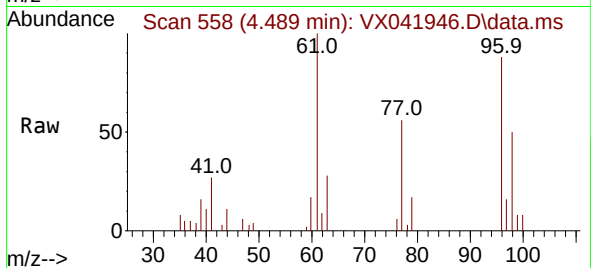
Tgt Ion: 77 Resp: 4669
Ion Ratio Lower Upper
77 100
97 25.1 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 2.655 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

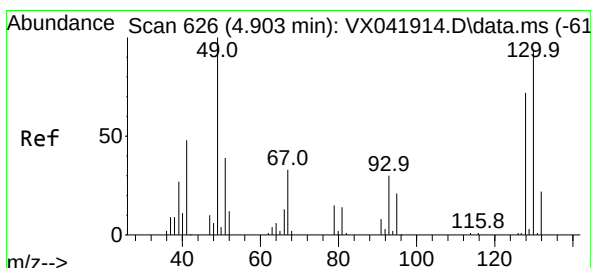
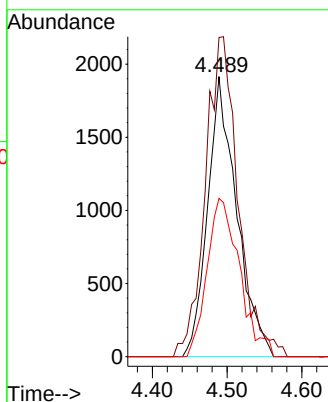
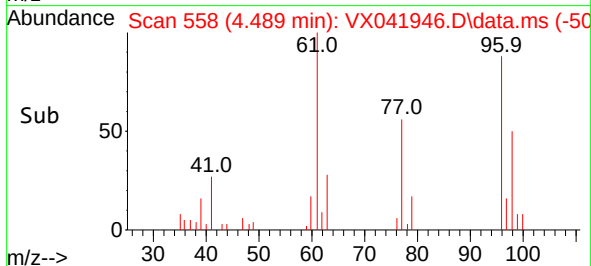
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 96 Resp: 516
Ion Ratio Lower Upper
96 100
61 128.7 0.0 312.2
98 63.2 0.0 129.0

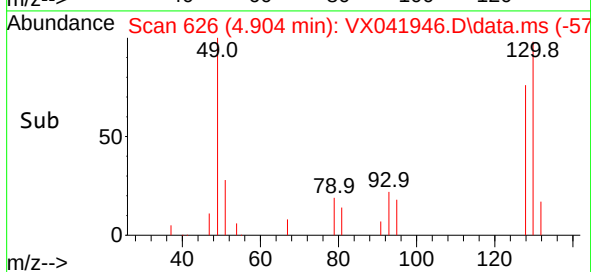
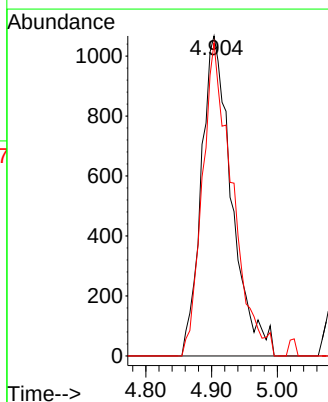
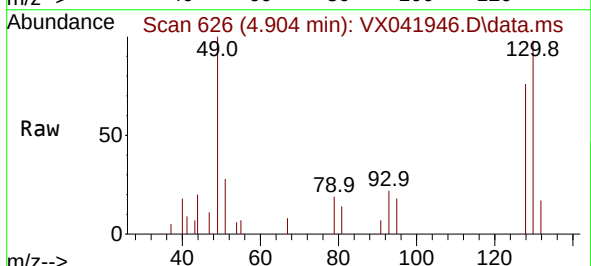
Manual Integrations
APPROVED

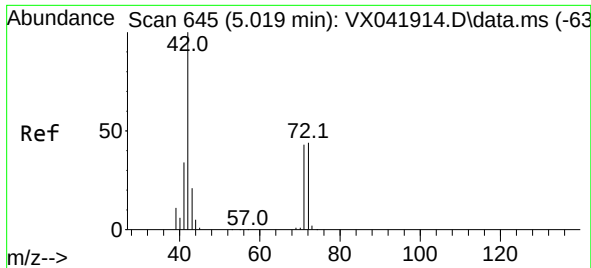
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#28
Bromochloromethane
Concen: 2.797 ug/l
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

Tgt Ion: 49 Resp: 3443
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 96.0 57.5 86.3#





#29

Tetrahydrofuran

Concen: 13.386 ug/l

RT: 5.026 min Scan# 645

Delta R.T. 0.006 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

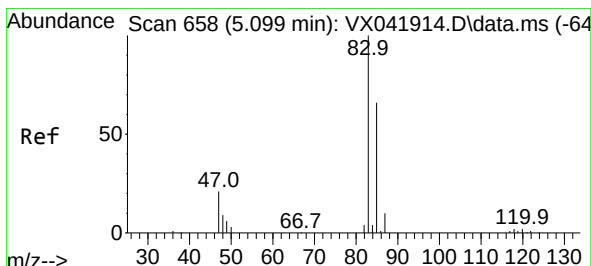
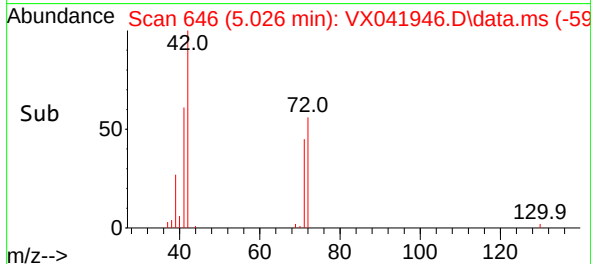
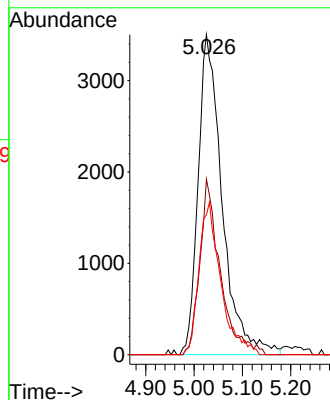
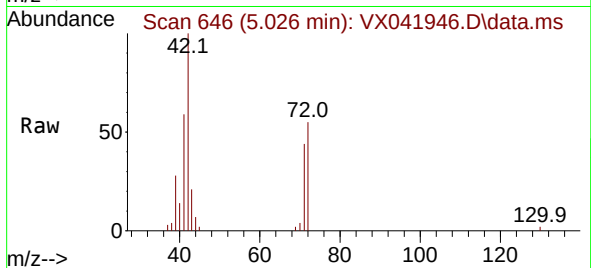
Tgt Ion:	42	Resp:	1208
Ion Ratio	Lower	Upper	
42	100		
72	46.8	34.2	51.4
71	43.3	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#30

Chloroform

Concen: 2.724 ug/l

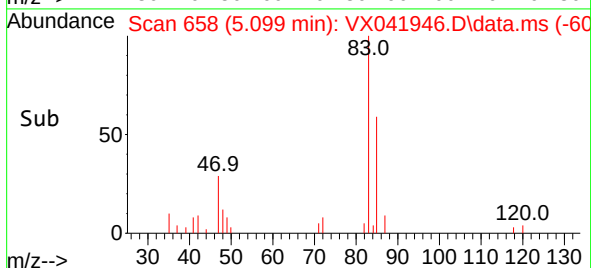
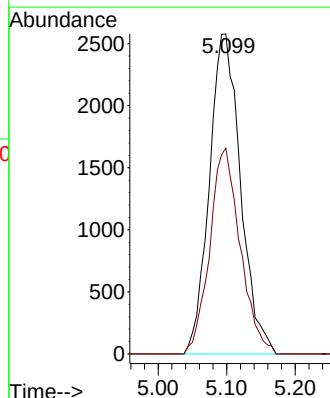
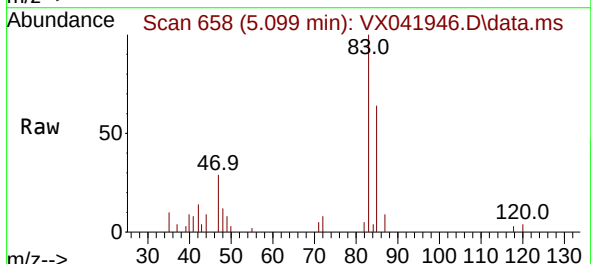
RT: 5.099 min Scan# 658

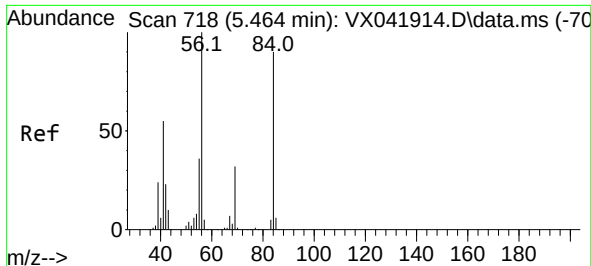
Delta R.T. 0.000 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

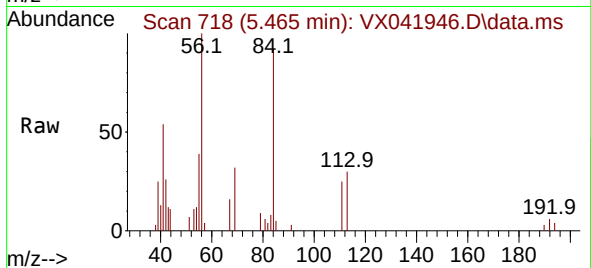
Tgt Ion:	83	Resp:	8155
Ion Ratio	Lower	Upper	
83	100		
85	64.4	50.3	75.5





#31
Cyclohexane
Concen: 2.538 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

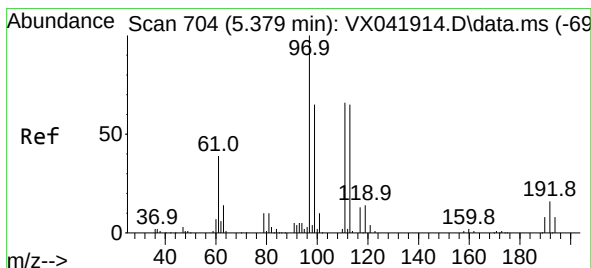
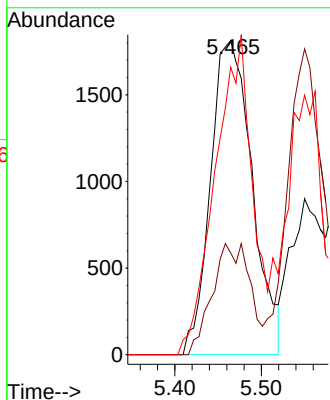
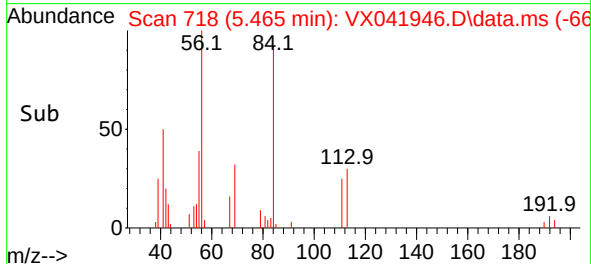
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 56 Resp: 6070
Ion Ratio Lower Upper
56 100
69 32.4 23.4 35.2
84 91.6 65.9 98.9

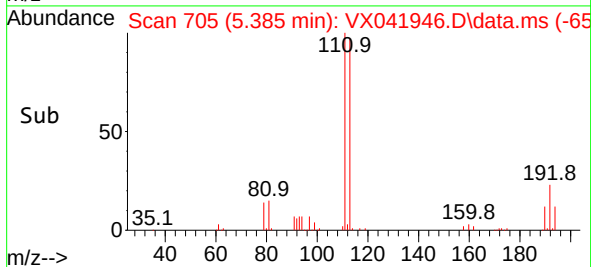
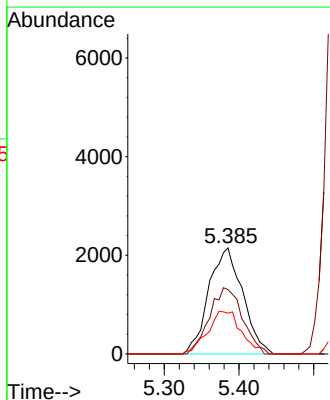
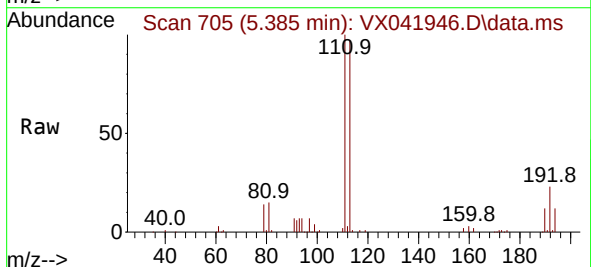
Manual Integrations
APPROVED

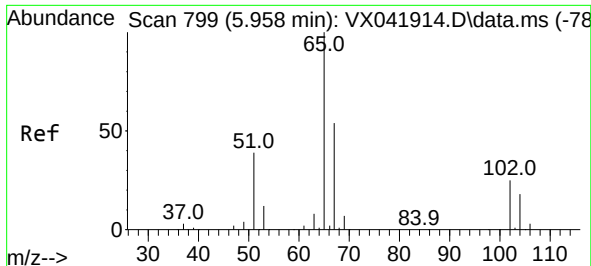
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#32
1,1,1-Trichloroethane
Concen: 2.712 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

Tgt Ion: 97 Resp: 6784
Ion Ratio Lower Upper
97 100
99 61.1 51.1 76.7
61 39.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 49.027 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 65 Resp: 10034

Ion Ratio Lower Upper

65 100

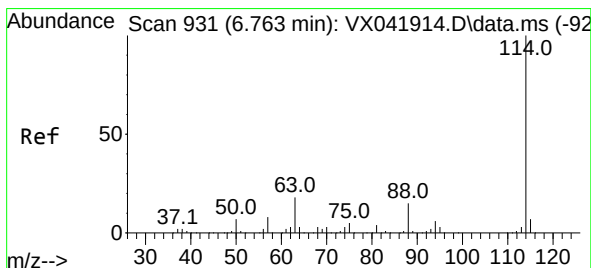
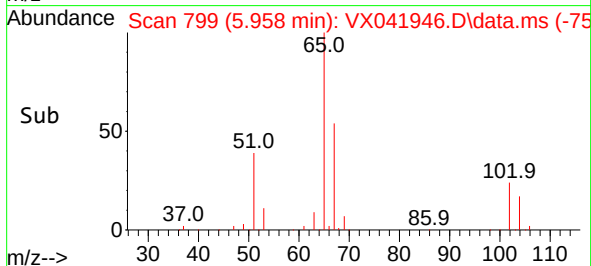
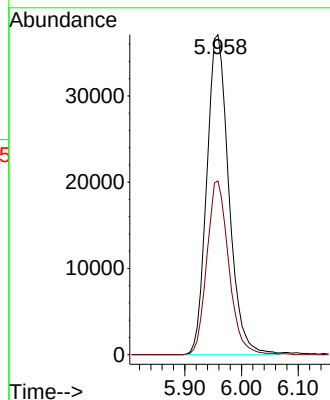
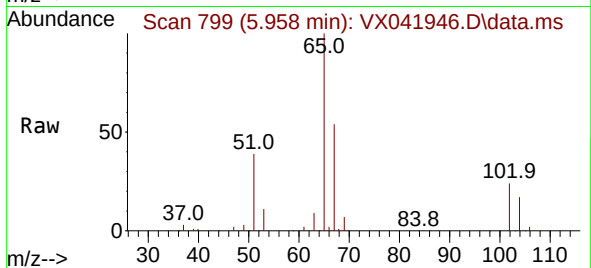
67 53.9 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

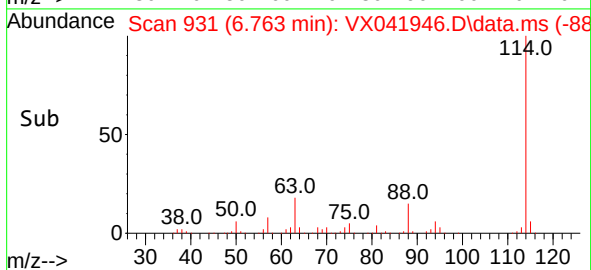
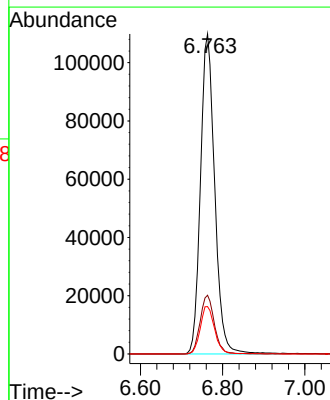
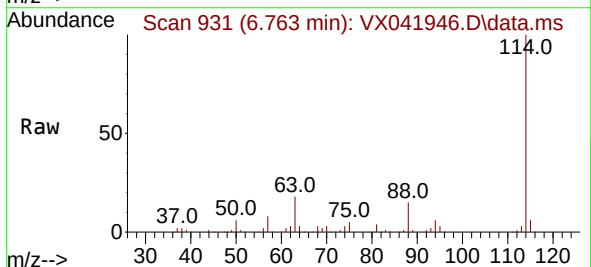
Tgt Ion:114 Resp: 263411

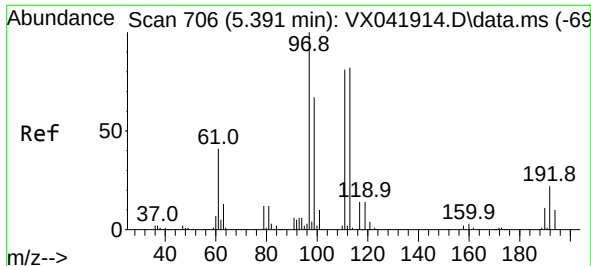
Ion Ratio Lower Upper

114 100

63 18.3 0.0 45.0

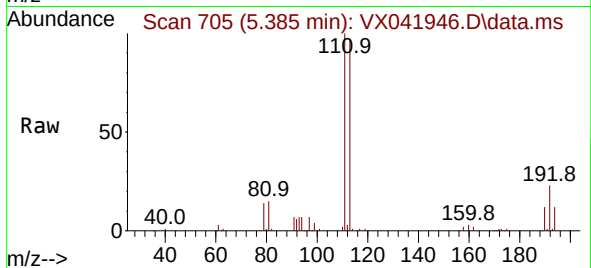
88 14.8 0.0 36.6





#35
Dibromofluoromethane
Concen: 47.669 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

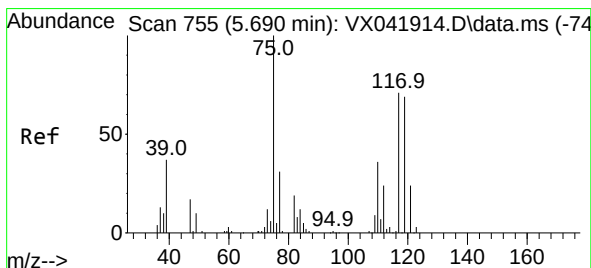
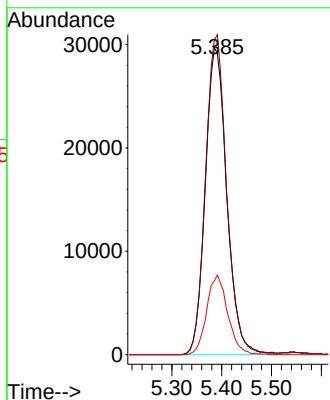
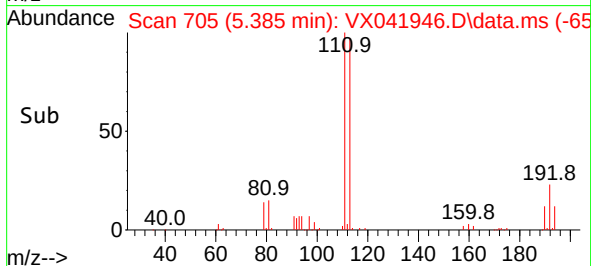
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:113 Resp: 89090
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 25.3 13.3 19.9

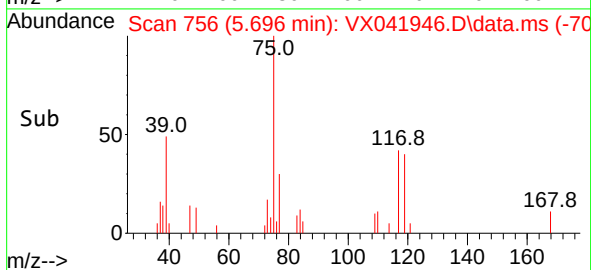
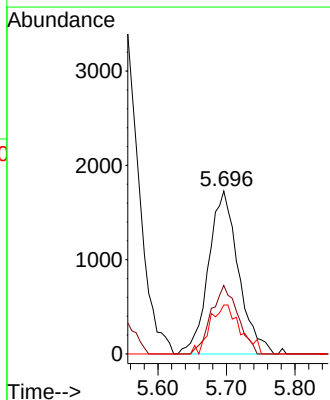
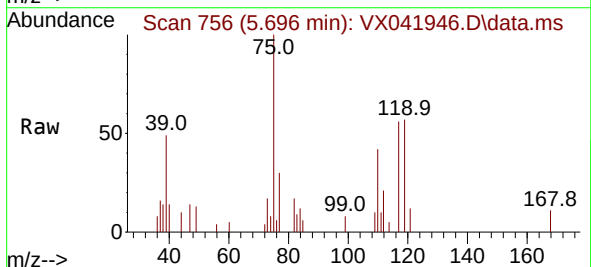
Manual Integrations
APPROVED

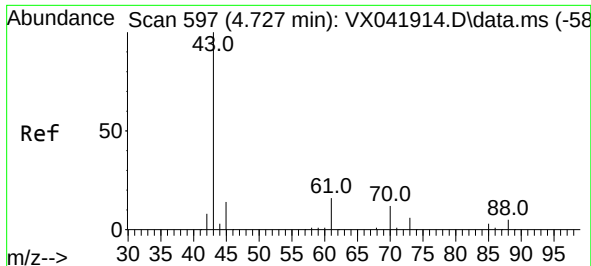
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#36
1,1-Dichloropropene
Concen: 2.641 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

Tgt Ion: 75 Resp: 5242
Ion Ratio Lower Upper
75 100
110 37.5 17.0 50.9
77 30.1 24.7 37.1





#37

Ethyl Acetate

Concen: 2.501 ug/l

RT: 4.733 min Scan# 598

Delta R.T. 0.006 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

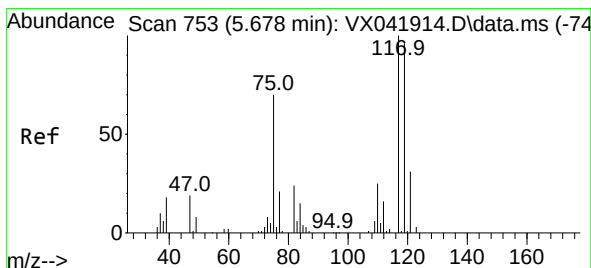
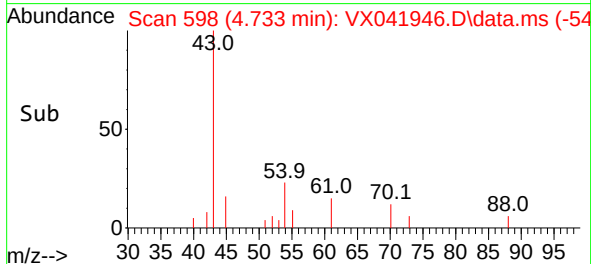
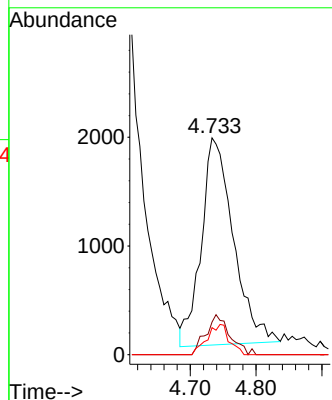
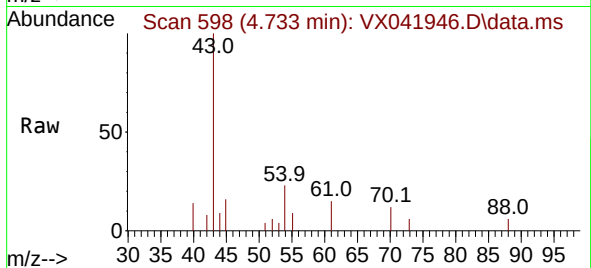
Tgt Ion:	43	Resp:	646
Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.6	16.0
70	10.1	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#38

Carbon Tetrachloride

Concen: 2.478 ug/l

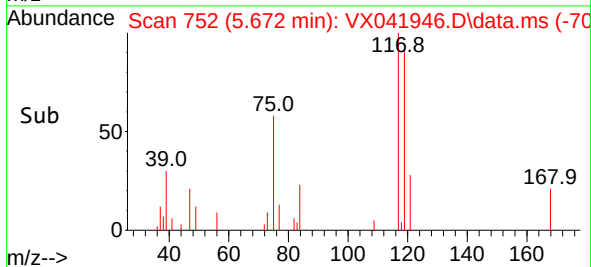
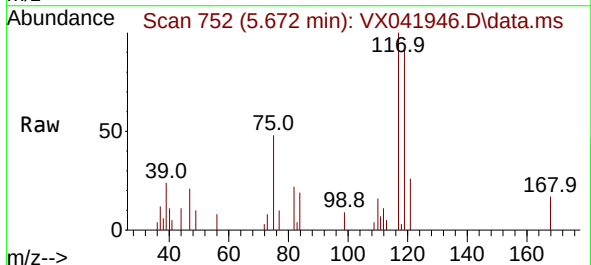
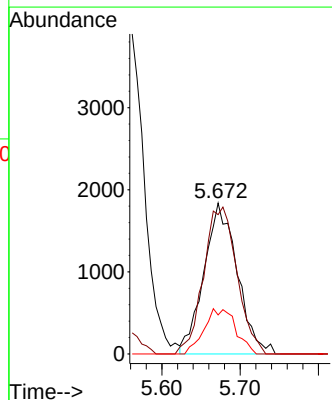
RT: 5.672 min Scan# 752

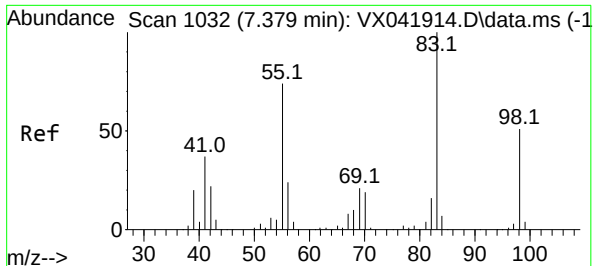
Delta R.T. -0.006 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

Tgt Ion:	117	Resp:	5434
Ion	Ratio	Lower	Upper
117	100		
119	92.4	78.2	117.2
121	25.9	24.4	36.6





#39

Methylcyclohexane

Concen: 2.459 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

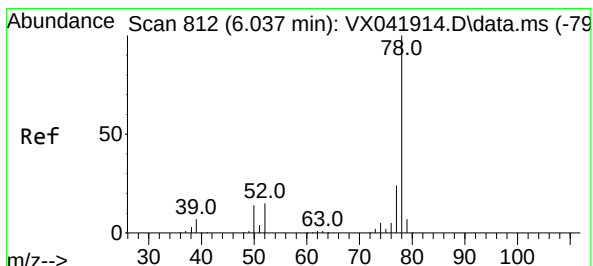
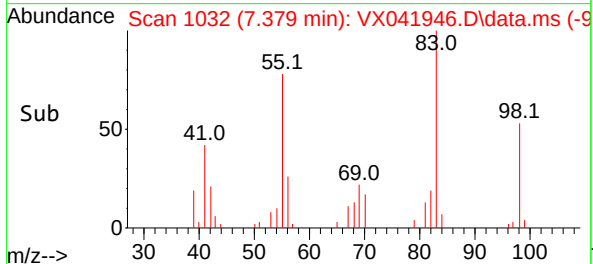
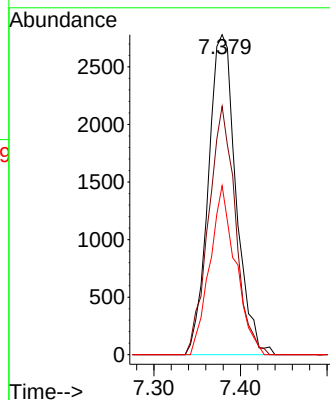
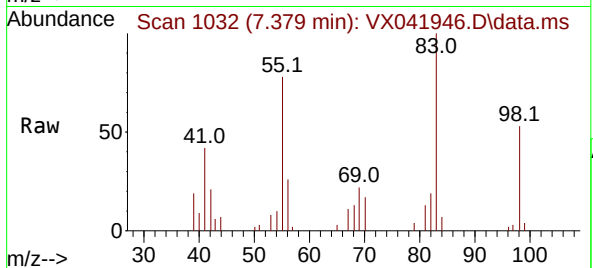
Tgt Ion: 83	Resp: 617
Ion Ratio	Lower Upper
83	100
55	77.6 64.6 97.0
98	52.8 36.7 55.1

Manual Integrations

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Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#40

Benzene

Concen: 2.703 ug/l

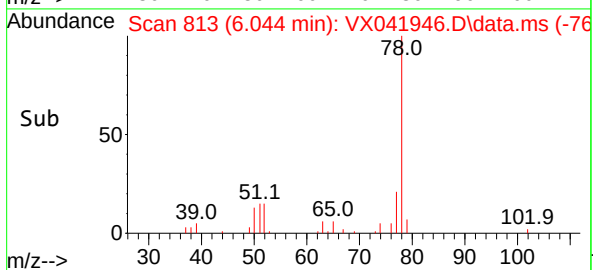
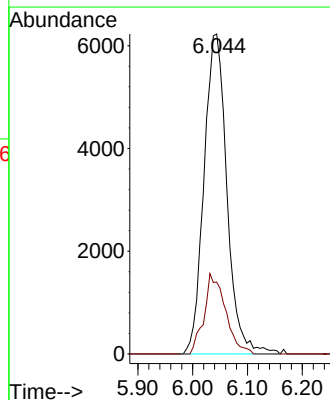
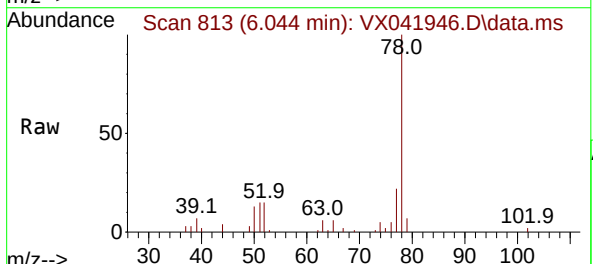
RT: 6.044 min Scan# 813

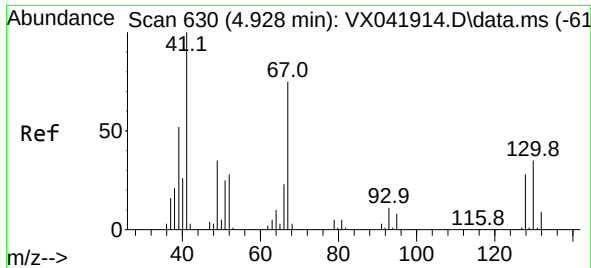
Delta R.T. 0.006 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

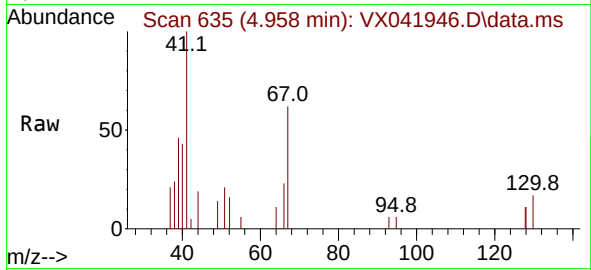
Tgt Ion: 78	Resp: 18091
Ion Ratio	Lower Upper
78	100
77	22.4 19.3 28.9





#41
Methacrylonitrile
Concen: 2.257 ug/l
RT: 4.958 min Scan# 61
Delta R.T. 0.031 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

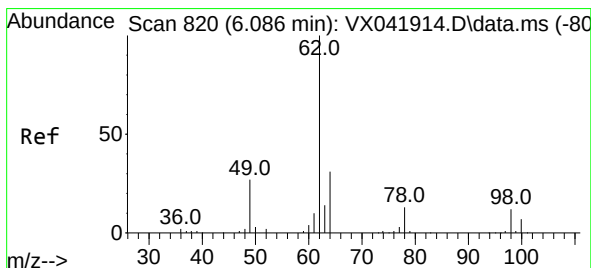
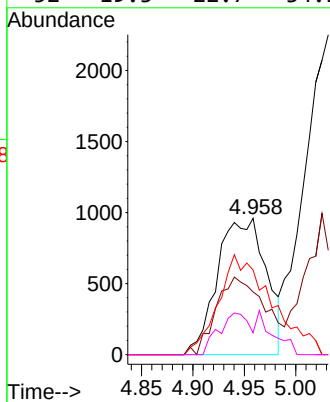
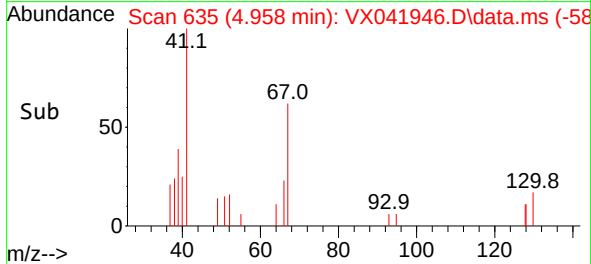
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 41 Resp: 316
Ion Ratio Lower Upper
41 100
39 58.0 45.2 67.8
67 80.2 52.6 78.8
52 19.3 22.7 34.1#

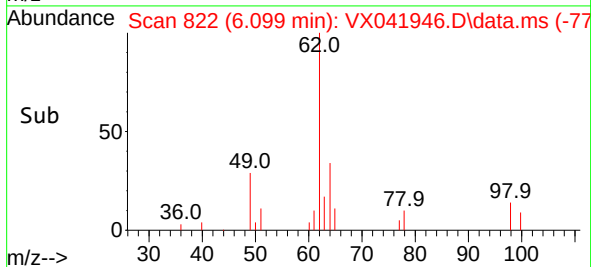
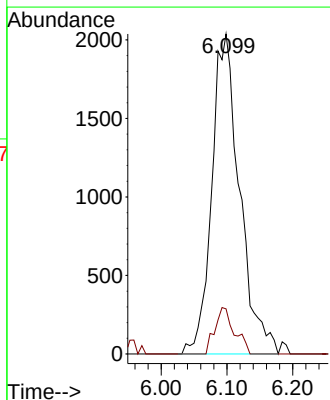
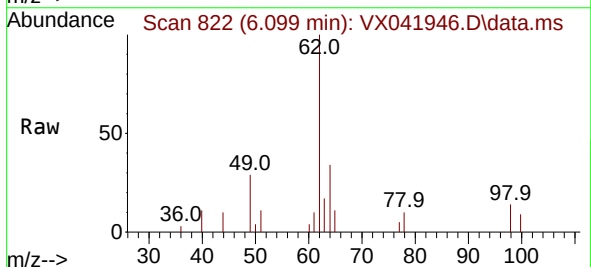
Manual Integrations
APPROVED

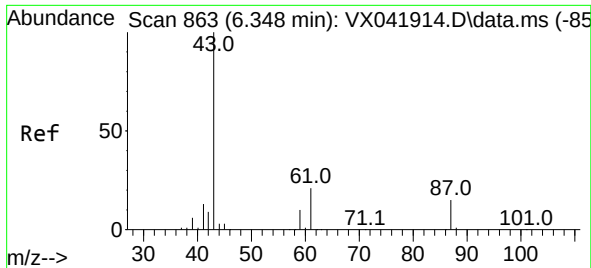
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#42
1,2-Dichloroethane
Concen: 2.783 ug/l
RT: 6.099 min Scan# 822
Delta R.T. 0.012 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

Tgt Ion: 62 Resp: 6001
Ion Ratio Lower Upper
62 100
98 10.2 0.0 16.0





#43

Isopropyl Acetate

Concen: 2.477 ug/l

RT: 6.355 min Scan# 864

Delta R.T. 0.006 min

Lab File: VX041946.D

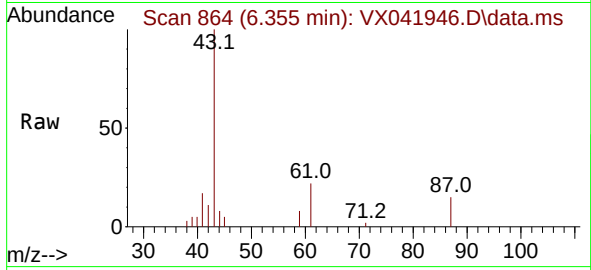
Acq: 19 Jun 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



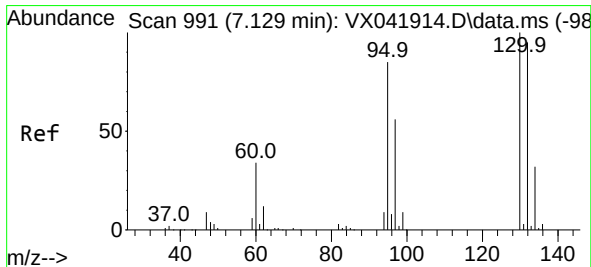
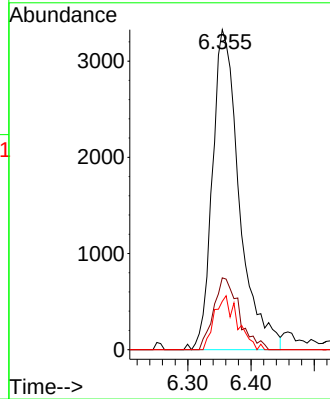
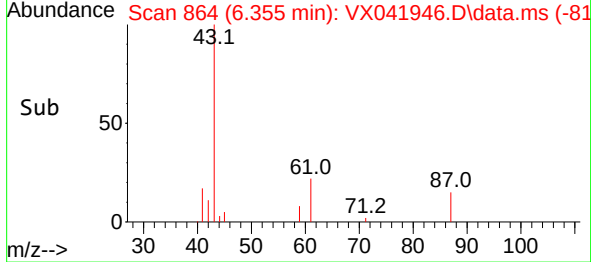
Tgt Ion: 43	Resp: 9830
Ion Ratio	Lower Upper
43	100
61	21.3 15.2 22.8
87	14.5 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#44

Trichloroethene

Concen: 2.570 ug/l

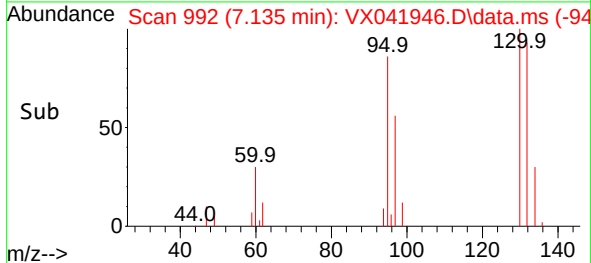
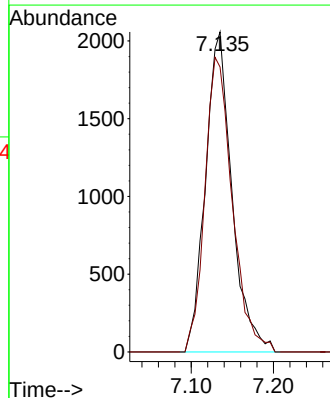
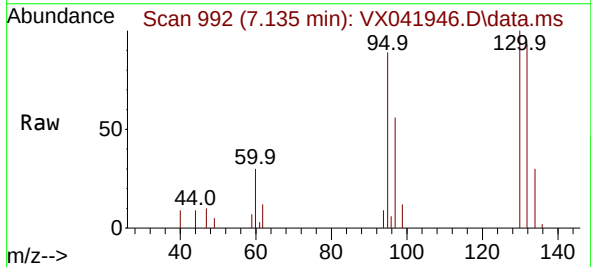
RT: 7.135 min Scan# 992

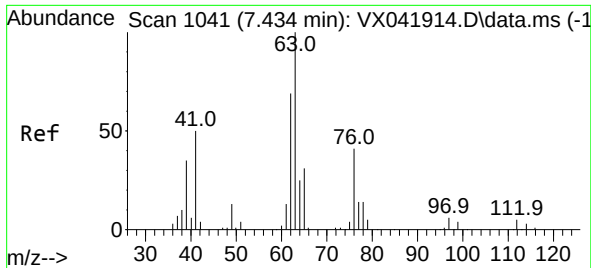
Delta R.T. 0.006 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

Tgt Ion:130	Resp: 4611
Ion Ratio	Lower Upper
130	100
95	89.1 0.0 204.4





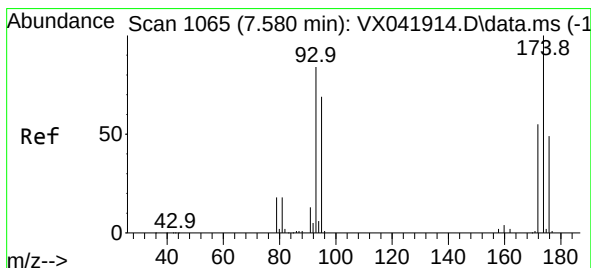
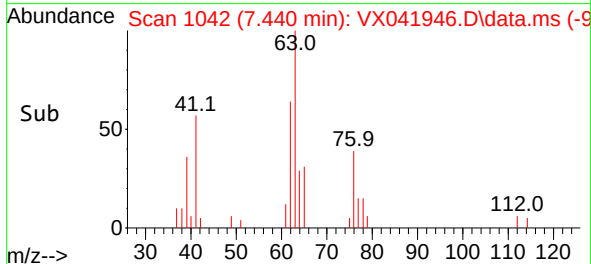
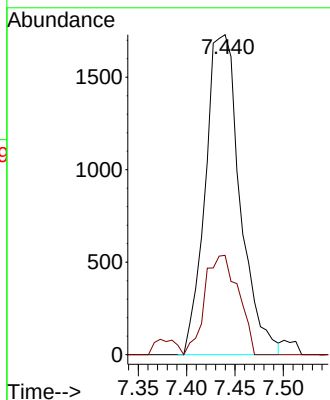
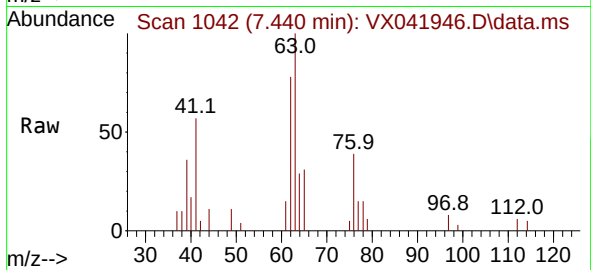
#45
1,2-Dichloropropane
Concen: 2.622 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 63 Resp: 431
Ion Ratio Lower Upper
63 100
65 31.0 24.3 36.5

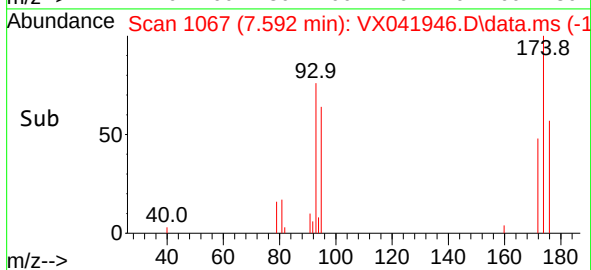
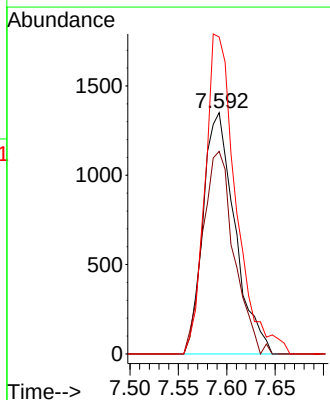
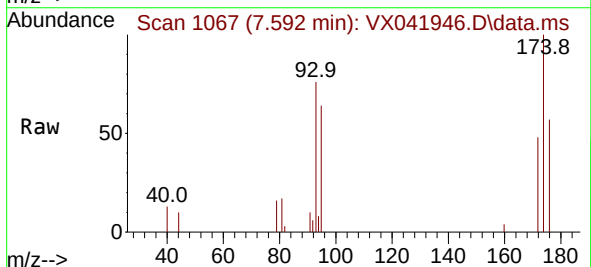
Manual Integrations
APPROVED

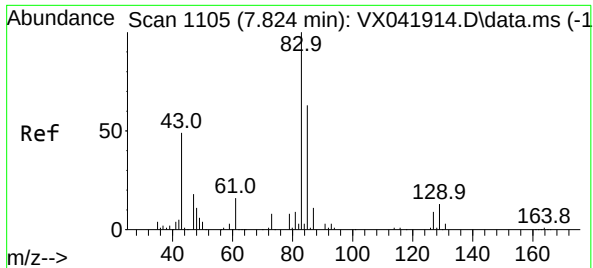
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#46
Dibromomethane
Concen: 2.571 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.012 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

Tgt Ion: 93 Resp: 3083
Ion Ratio Lower Upper
93 100
95 82.6 66.6 100.0
174 129.0 69.4 104.0#





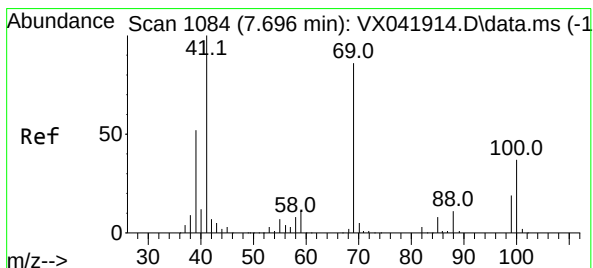
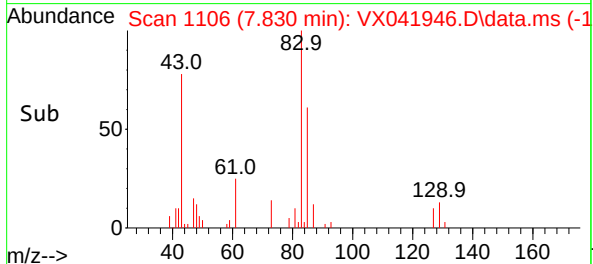
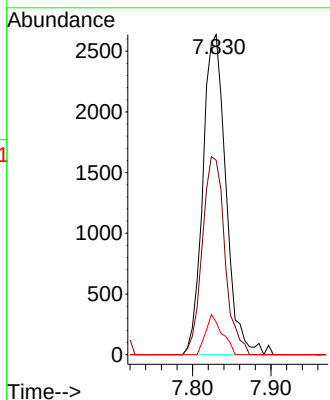
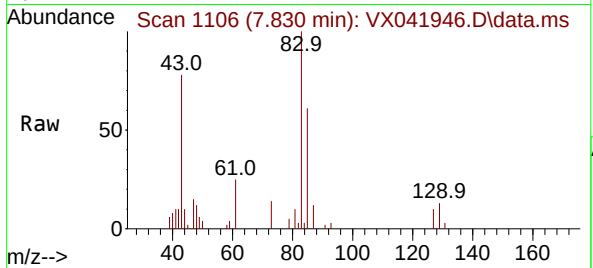
#47
Bromodichloromethane
Concen: 2.454 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 83 Resp: 540
Ion Ratio Lower Upper
83 100
85 60.8 49.8 74.6
127 10.2 7.1 10.7

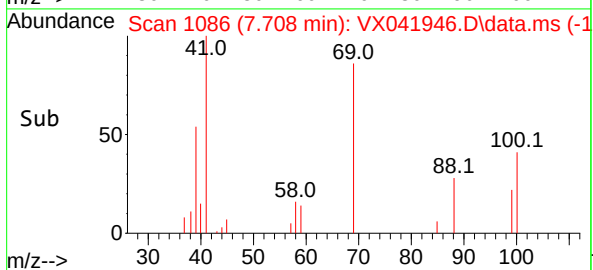
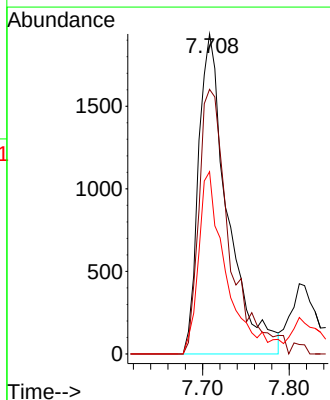
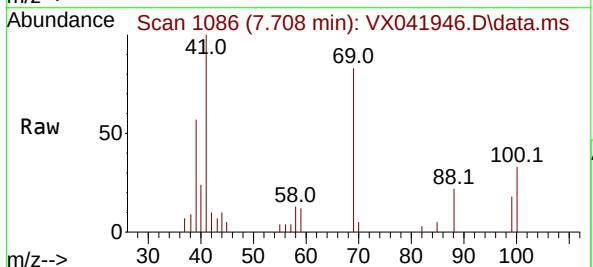
Manual Integrations
APPROVED

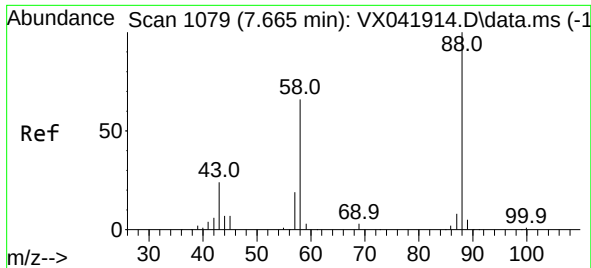
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#48
Methyl methacrylate
Concen: 2.385 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.012 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

Tgt Ion: 41 Resp: 4517
Ion Ratio Lower Upper
41 100
69 86.8 59.2 88.8
39 53.6 47.7 71.5





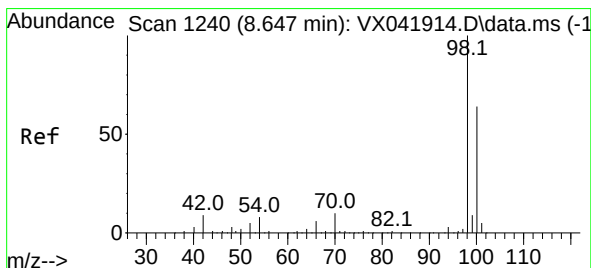
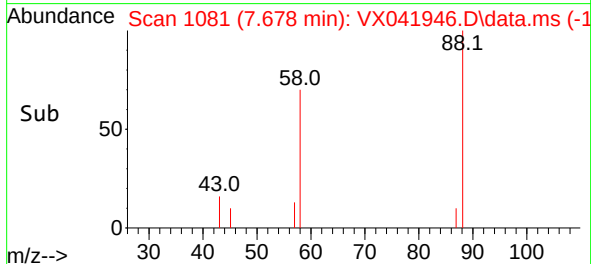
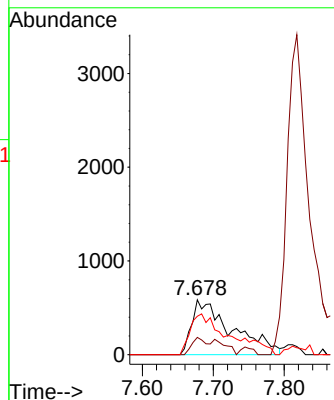
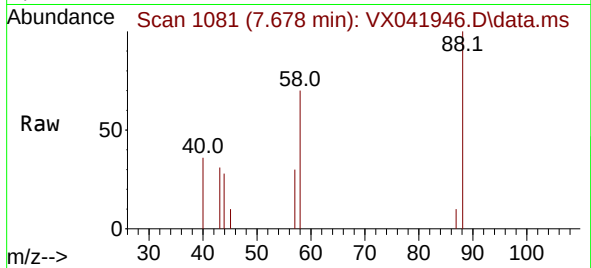
#49
1,4-Dioxane
Concen: 50.031 ug/l m
RT: 7.678 min Scan# 1081
Delta R.T. 0.013 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 88 Resp: 229
Ion Ratio Lower Upper
88 100
43 12.1 0.0 0.0
58 72.5 60.1 90.1

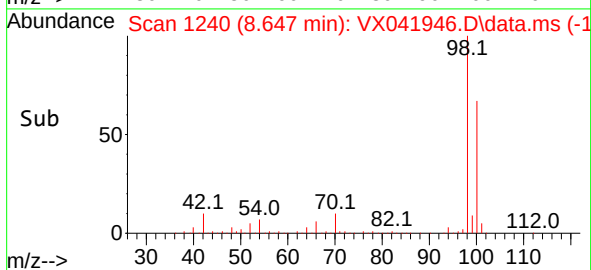
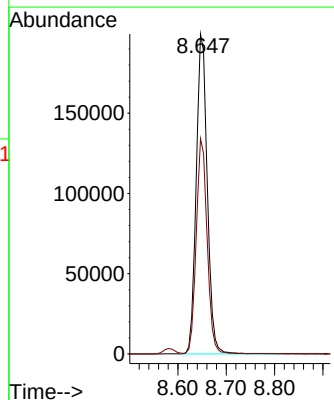
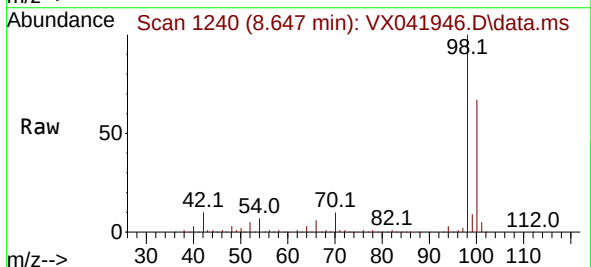
Manual Integrations
APPROVED

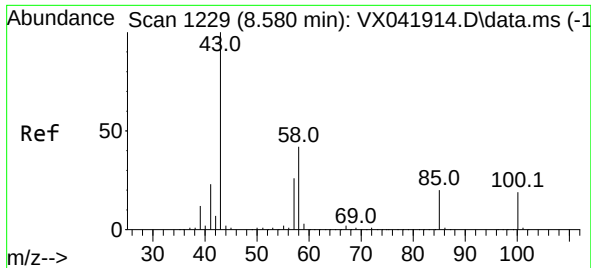
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#50
Toluene-d8
Concen: 48.026 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

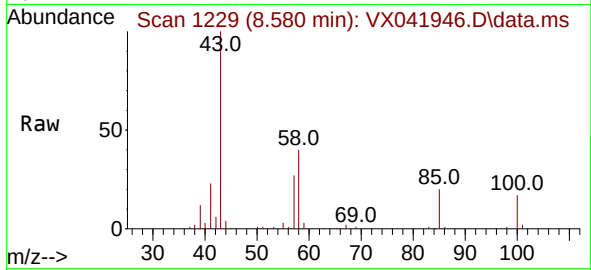
Tgt Ion: 98 Resp: 315339
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 12.166 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

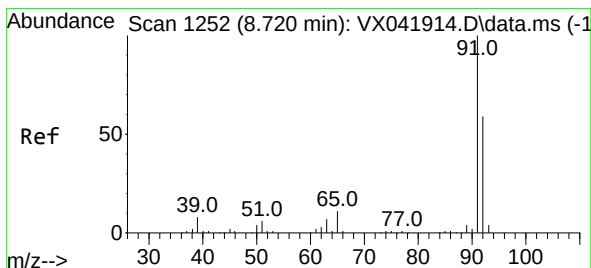
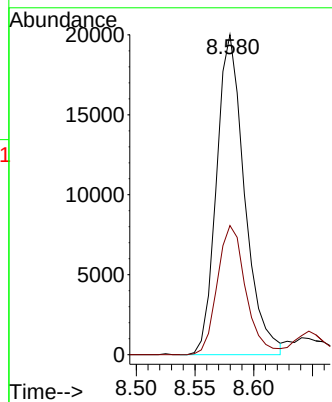
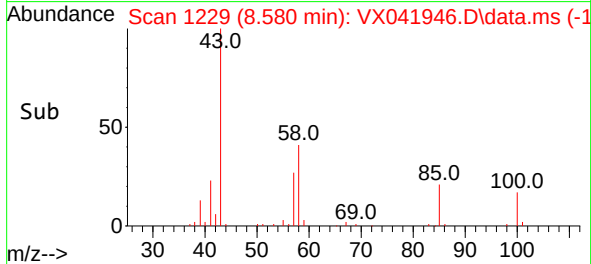
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 43 Resp: 33258
Ion Ratio Lower Upper
43 100
58 40.9 30.4 45.6

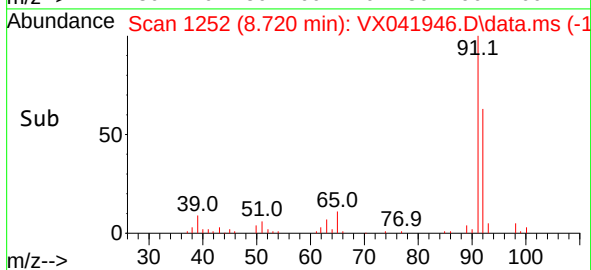
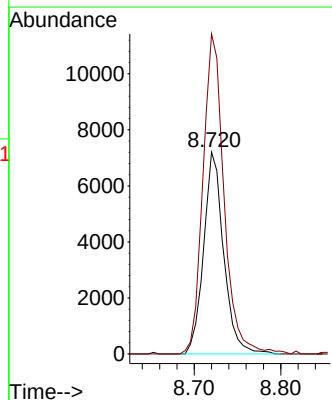
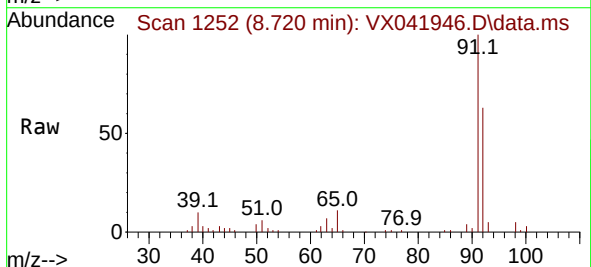
Manual Integrations
APPROVED

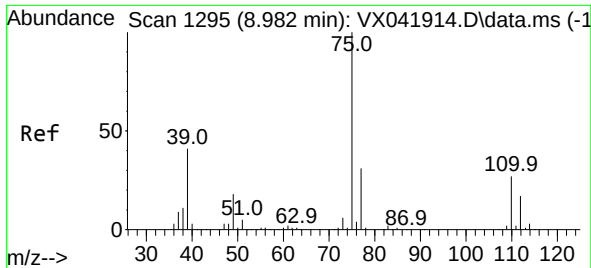
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#52
Toluene
Concen: 2.717 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

Tgt Ion: 92 Resp: 11581
Ion Ratio Lower Upper
92 100
91 167.0 134.2 201.2





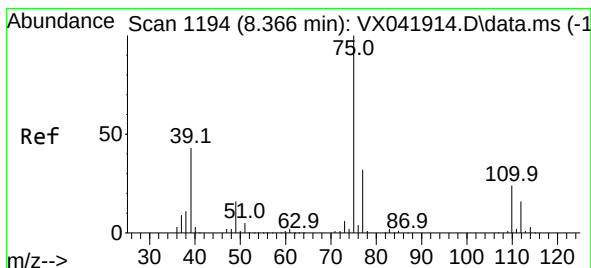
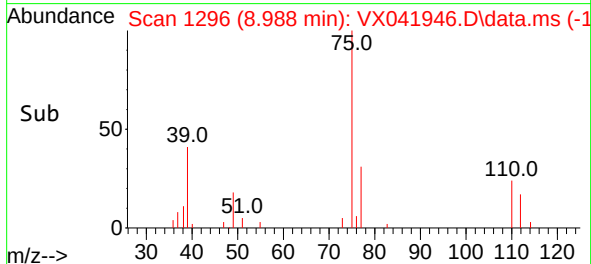
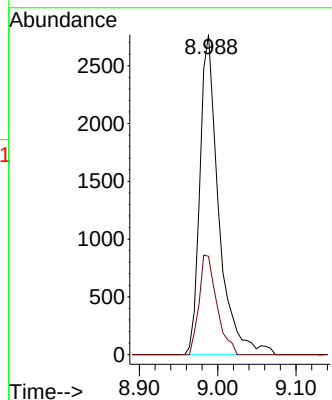
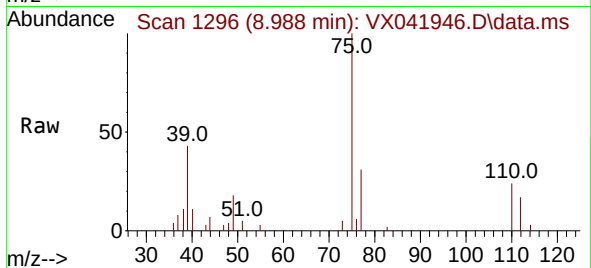
#53
t-1,3-Dichloropropene
Concen: 2.151 ug/l
RT: 8.988 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 75 Resp: 4634
Ion Ratio Lower Upper
75 100
77 30.7 25.7 38.5

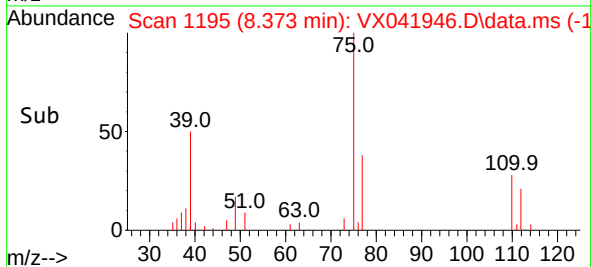
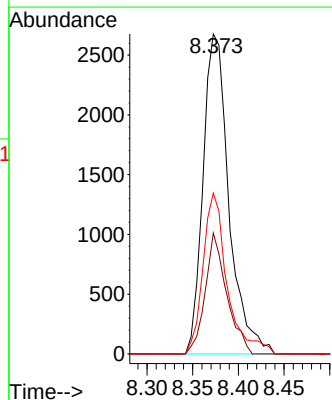
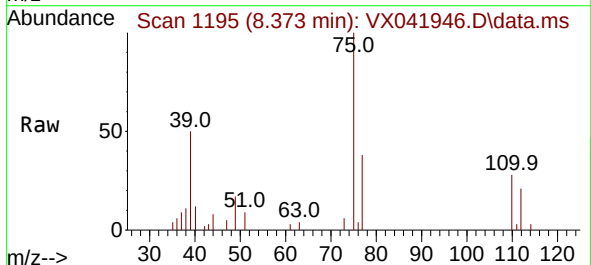
Manual Integrations
APPROVED

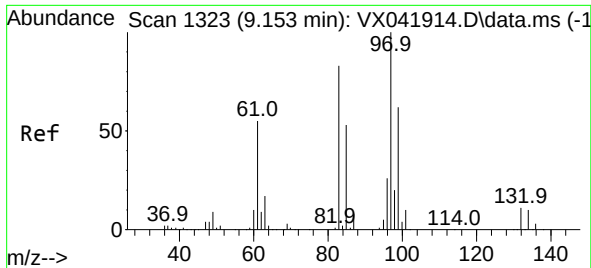
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#54
cis-1,3-Dichloropropene
Concen: 2.183 ug/l
RT: 8.373 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

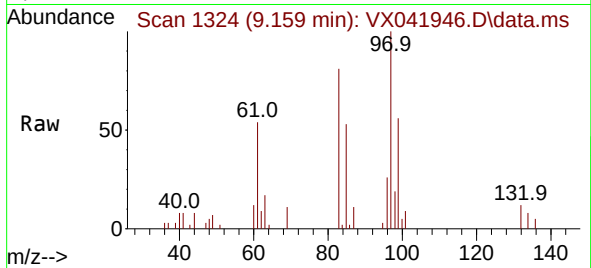
Tgt Ion: 75 Resp: 5262
Ion Ratio Lower Upper
75 100
77 37.8 25.3 37.9
39 50.3 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 2.637 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

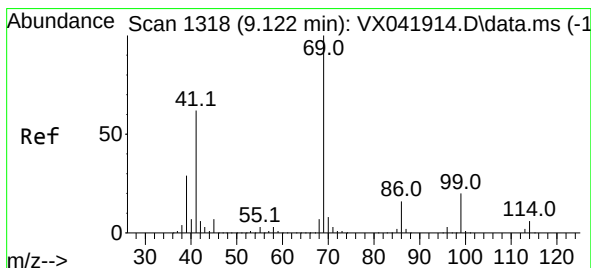
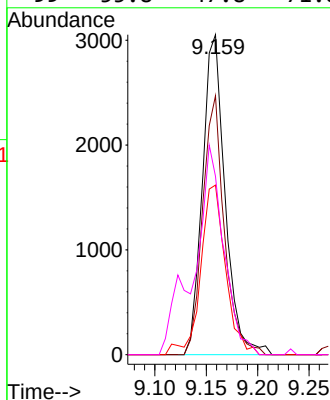
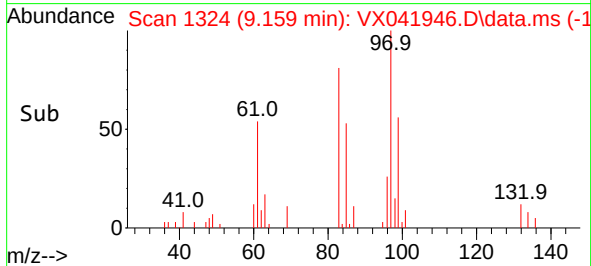
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:	97	Resp:	468
Ion	Ratio	Lower	Upper
97	100		
83	80.9	65.8	98.8
85	53.0	41.6	62.4
99	55.8	47.8	71.8

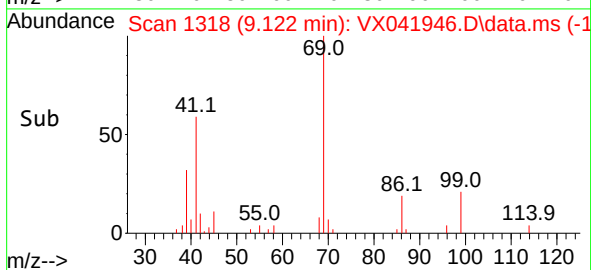
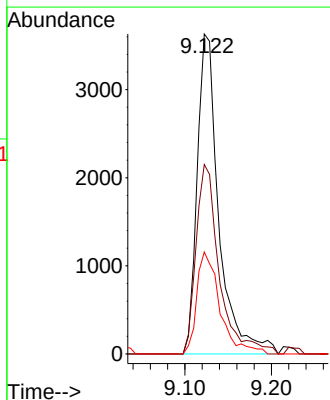
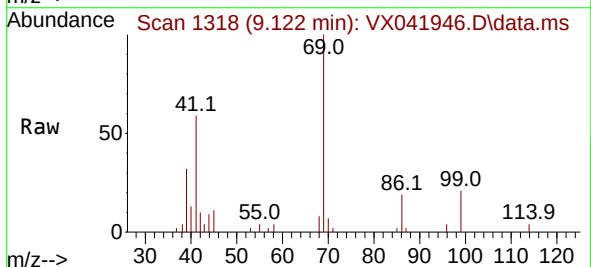
Manual Integrations
APPROVED

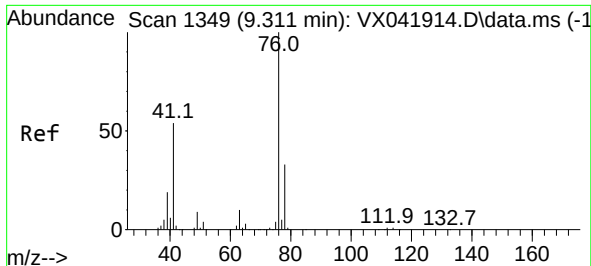
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#56
Ethyl methacrylate
Concen: 2.287 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

Tgt Ion:	69	Resp:	6319
Ion	Ratio	Lower	Upper
69	100		
41	63.5	56.8	85.2
39	34.1	32.0	48.0





#57

1,3-Dichloropropane

Concen: 2.520 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 76 Resp: 7230

Ion Ratio Lower Upper

76 100

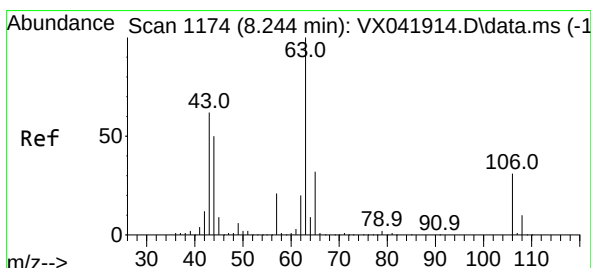
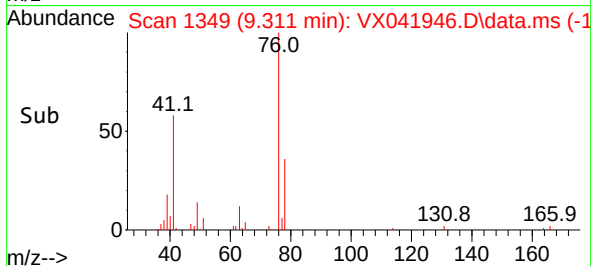
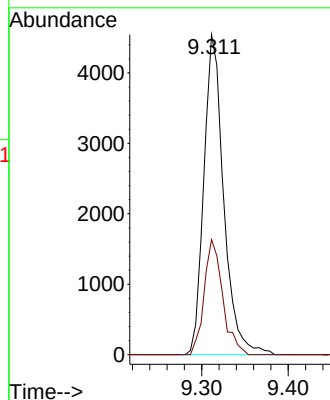
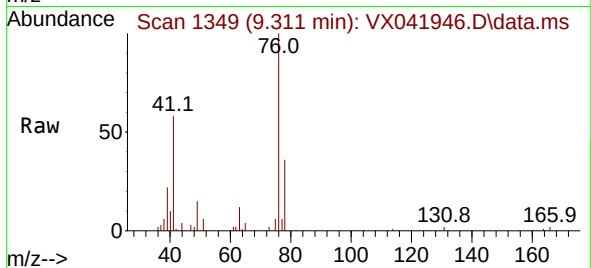
78 33.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#58

2-Chloroethyl Vinyl ether

Concen: 12.193 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX041946.D

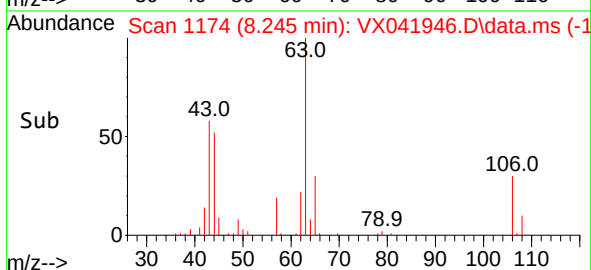
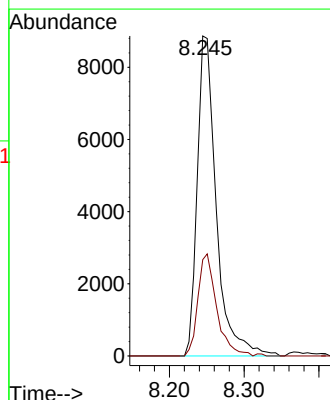
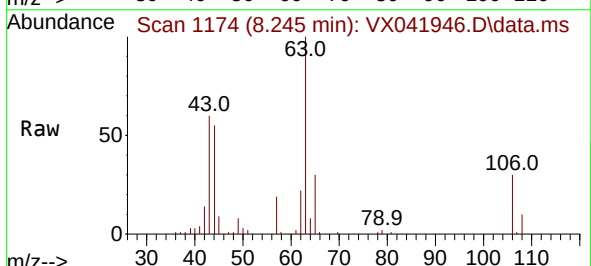
Acq: 19 Jun 2024 14:50

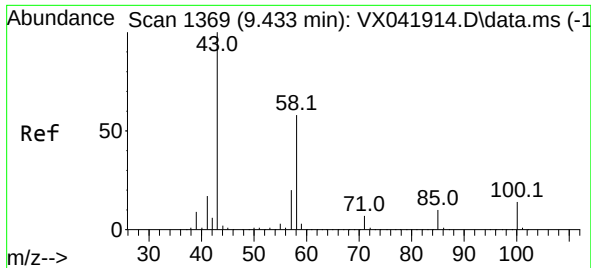
Tgt Ion: 63 Resp: 15697

Ion Ratio Lower Upper

63 100

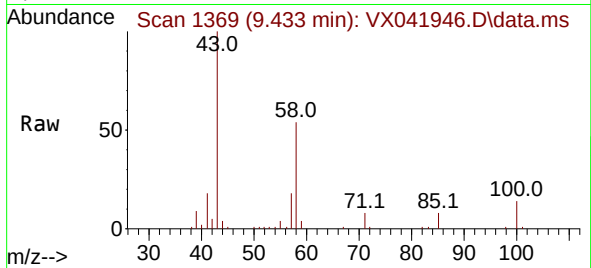
106 31.3 22.5 33.7





#59
2-Hexanone
Concen: 12.331 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

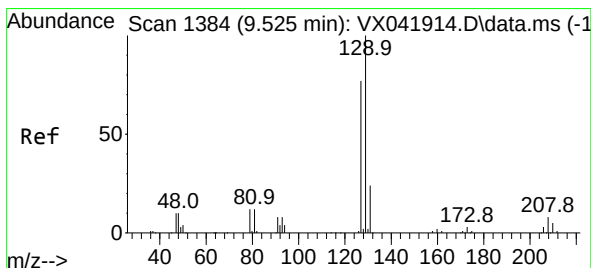
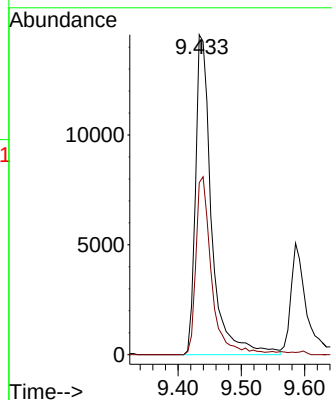
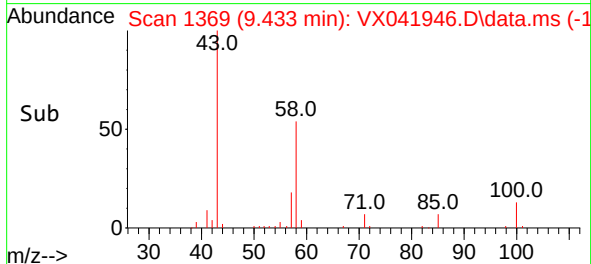
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 43 Resp: 25818
Ion Ratio Lower Upper
43 100
58 54.0 26.2 78.5

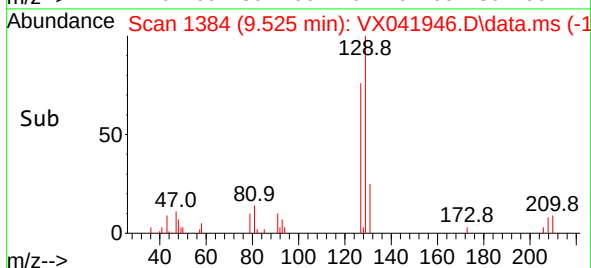
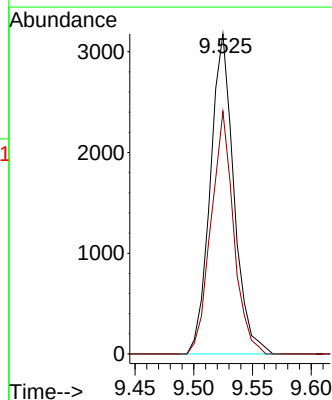
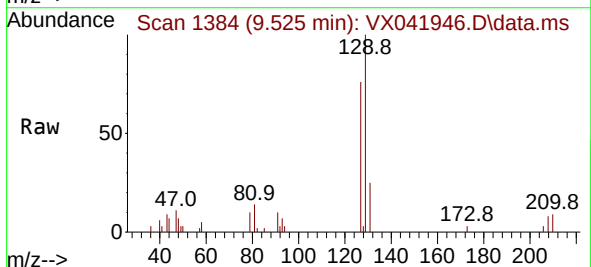
Manual Integrations
APPROVED

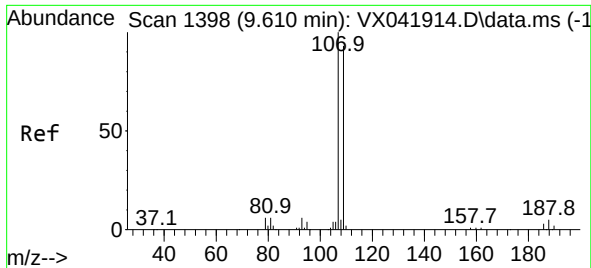
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#60
Dibromochloromethane
Concen: 2.301 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

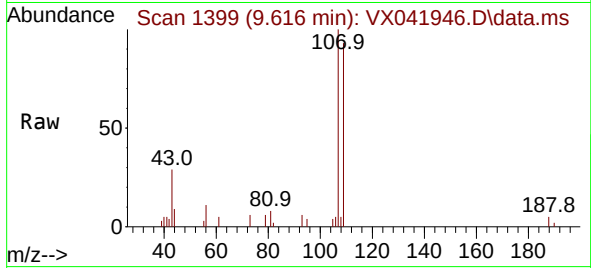
Tgt Ion:129 Resp: 4438
Ion Ratio Lower Upper
129 100
127 72.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 2.530 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

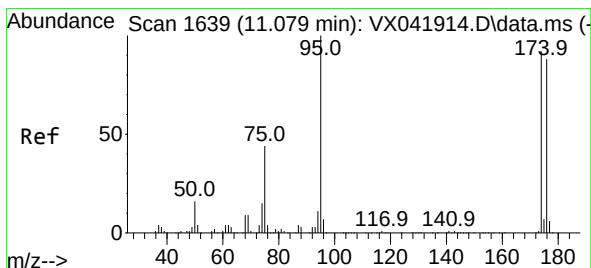
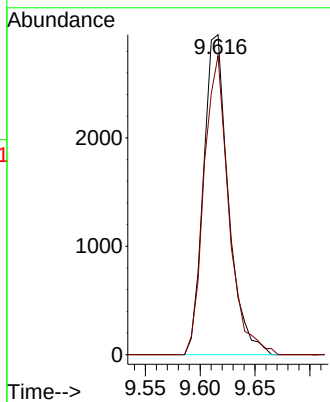
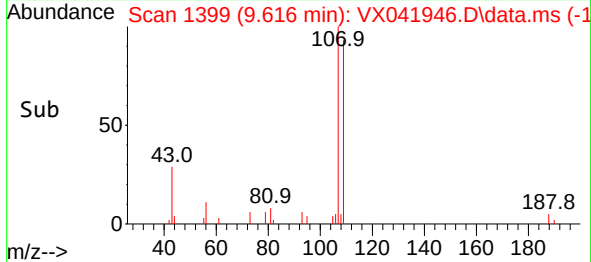
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:107 Resp: 4659
Ion Ratio Lower Upper
107 100
109 93.1 75.2 112.8

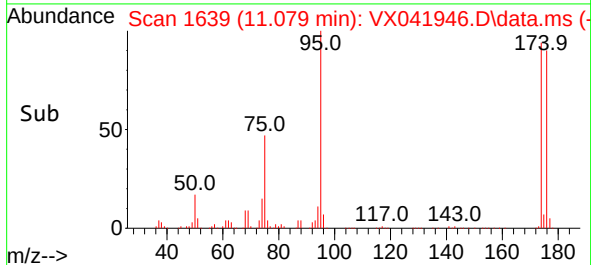
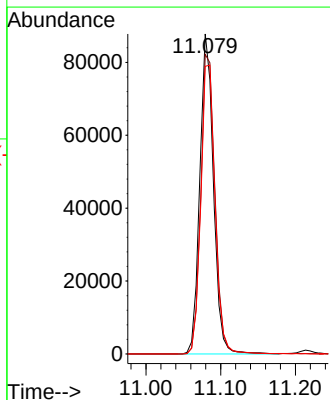
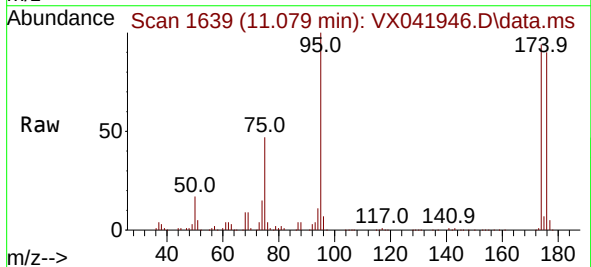
Manual Integrations
APPROVED

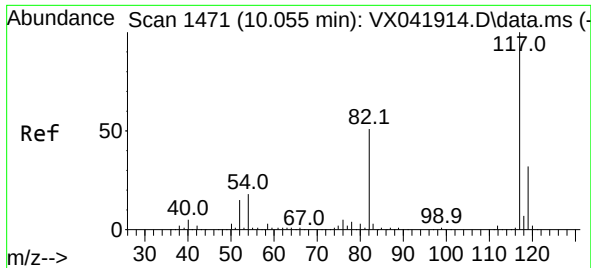
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#62
4-Bromofluorobenzene
Concen: 45.946 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

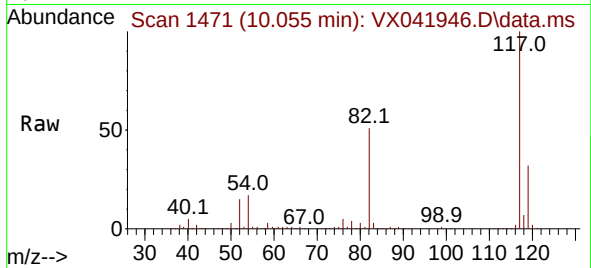
Tgt Ion: 95 Resp: 111208
Ion Ratio Lower Upper
95 100
174 97.7 0.0 135.6
176 94.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

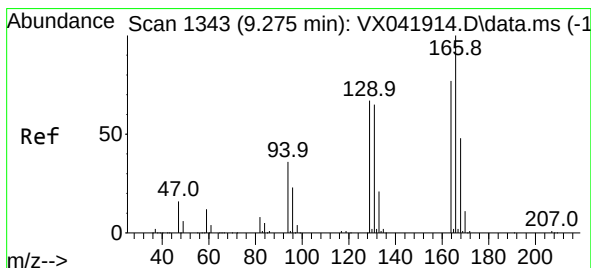
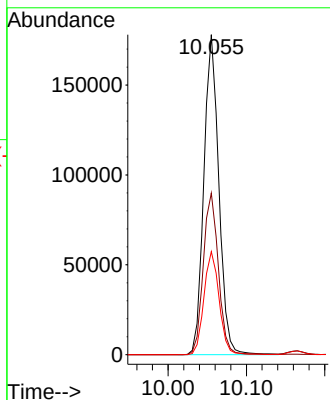
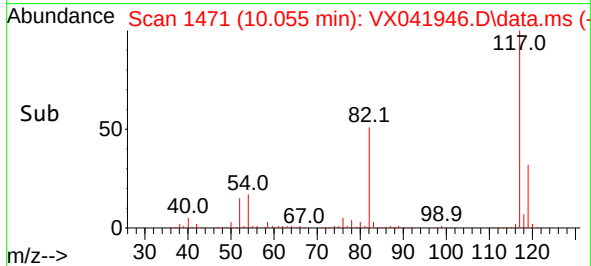
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion:117 Resp: 236230
Ion Ratio Lower Upper
117 100
82 50.5 46.2 69.4
119 32.2 25.5 38.3

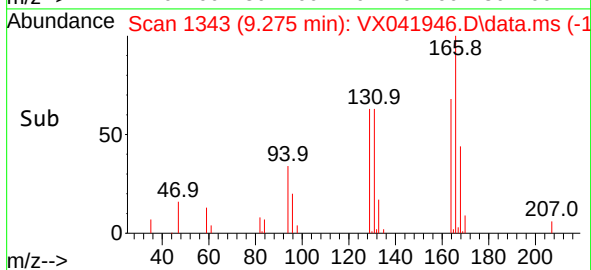
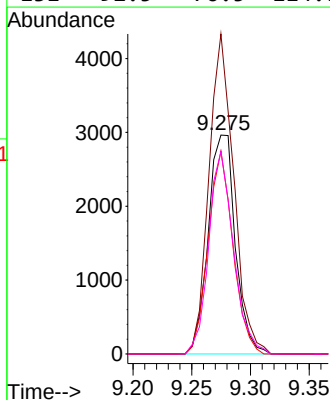
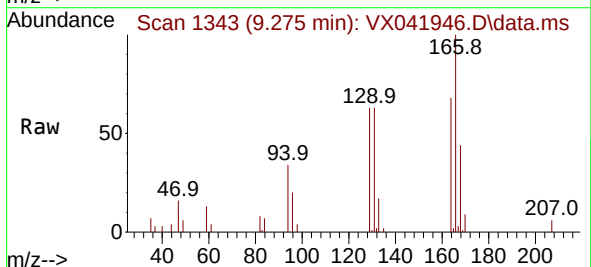
Manual Integrations
APPROVED

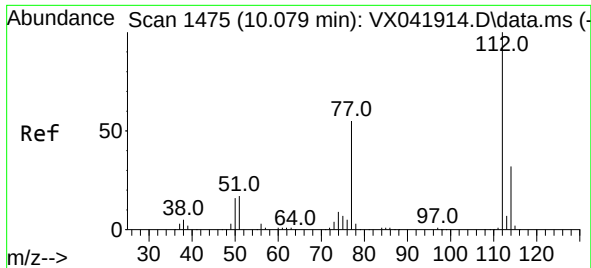
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#64
Tetrachloroethene
Concen: 2.766 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

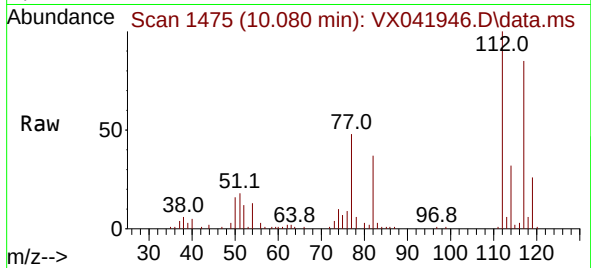
Tgt Ion:164 Resp: 4758
Ion Ratio Lower Upper
164 100
166 146.2 102.7 154.1
129 92.6 80.4 120.6
131 92.5 76.5 114.7





#65
Chlorobenzene
Concen: 2.756 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

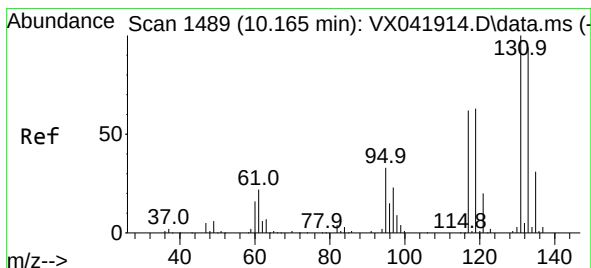
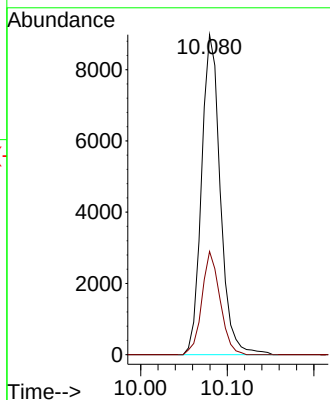
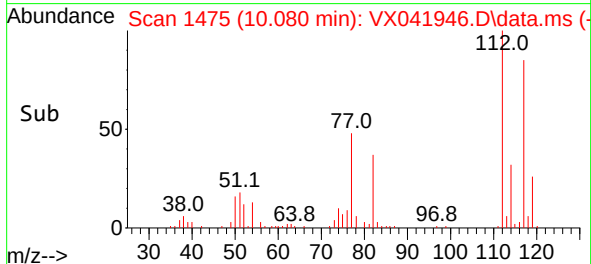
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



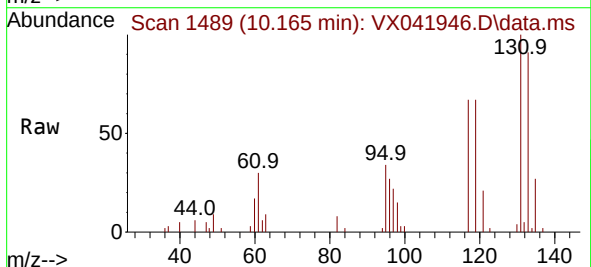
Tgt Ion:112 Resp: 13539
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

Manual Integrations
APPROVED

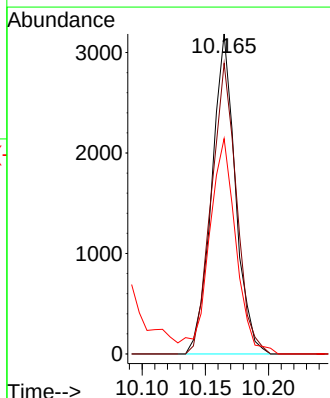
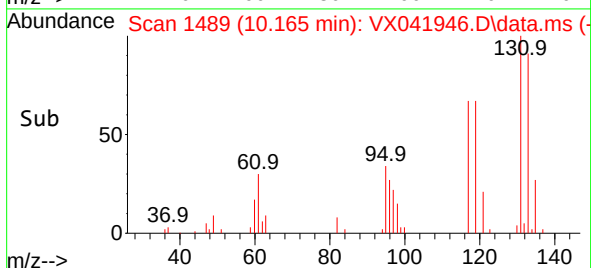
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

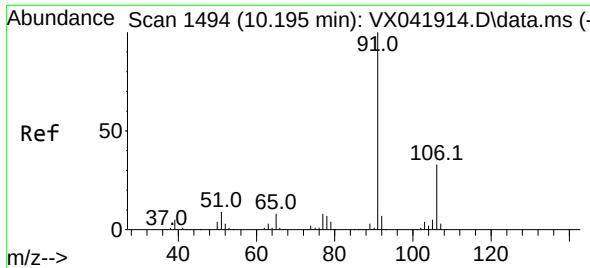


#66
1,1,1,2-Tetrachloroethane
Concen: 2.407 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50



Tgt Ion:131 Resp: 4141
Ion Ratio Lower Upper
131 100
133 96.3 47.1 141.4
119 75.9 32.2 96.6





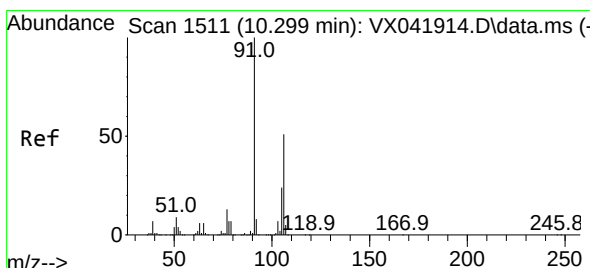
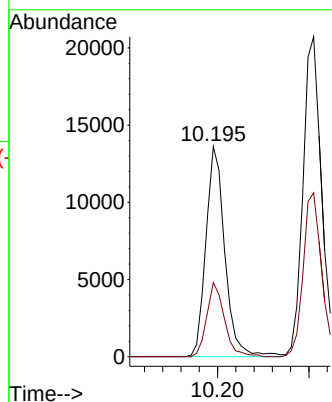
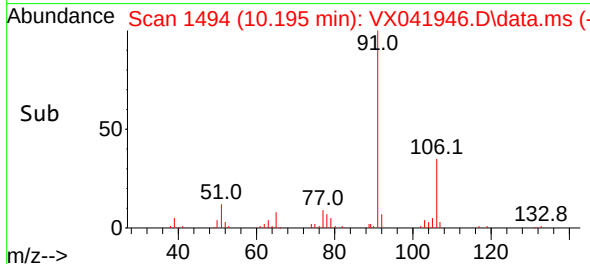
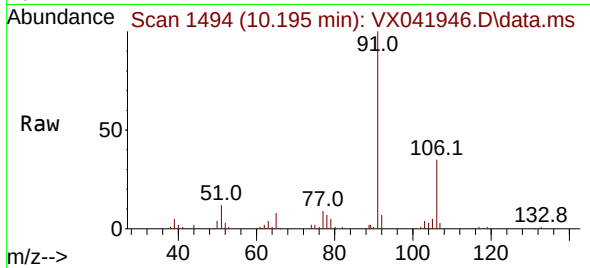
#67
Ethyl Benzene
Concen: 2.538 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 91 Resp: 1954
Ion Ratio Lower Upper
91 100
106 35.2 24.9 37.3

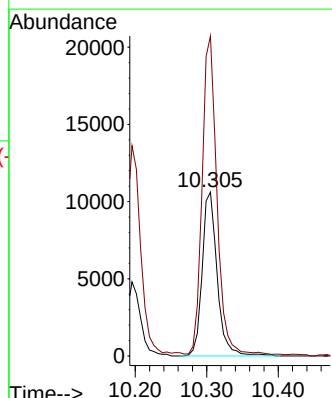
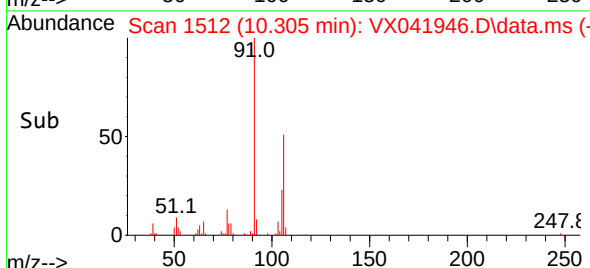
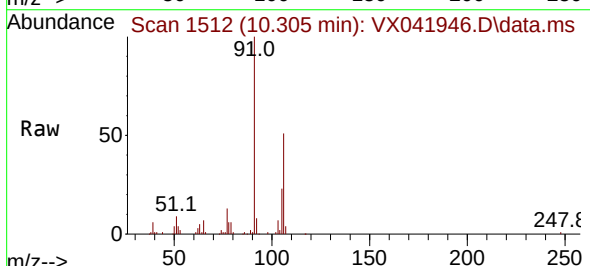
Manual Integrations
APPROVED

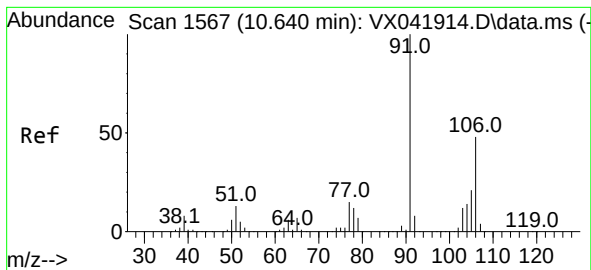
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#68
m/p-Xylenes
Concen: 4.981 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

Tgt Ion:106 Resp: 15483
Ion Ratio Lower Upper
106 100
91 192.2 165.5 248.3





#69

o-Xylene

Concen: 2.479 ug/l

RT: 10.647 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion:106 Resp: 7629

Ion Ratio Lower Upper

106 100

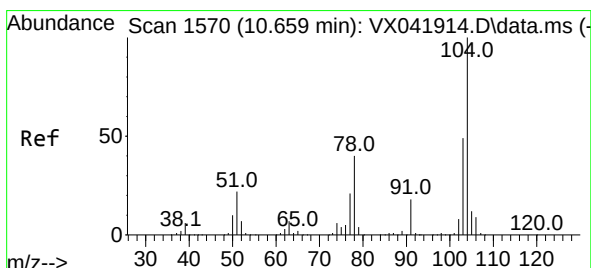
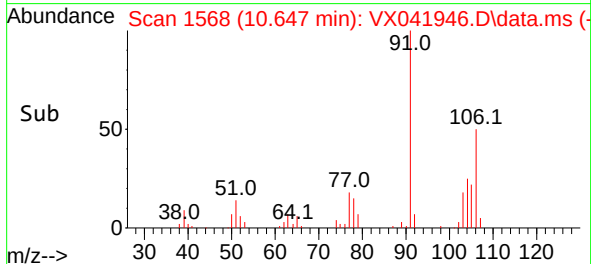
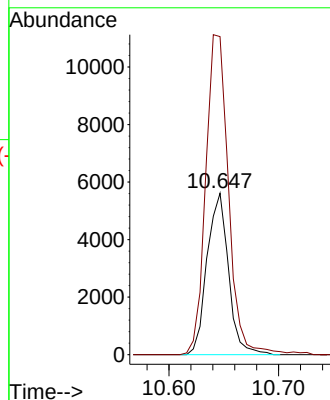
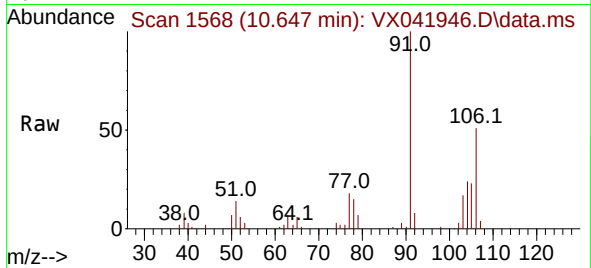
91 211.1 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#70

Styrene

Concen: 2.368 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

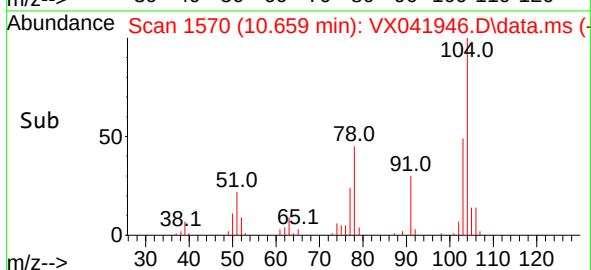
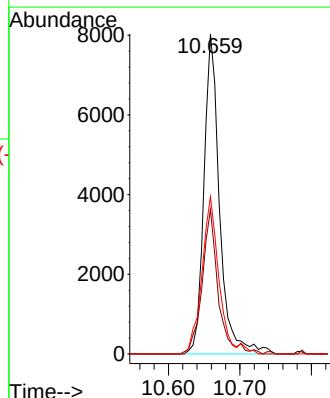
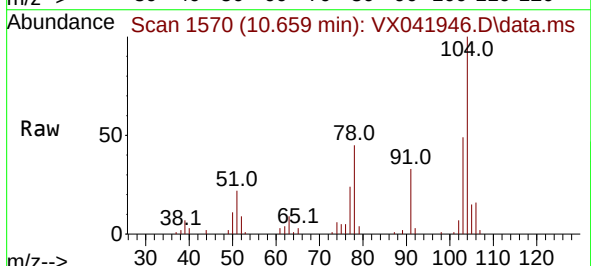
Tgt Ion:104 Resp: 12221

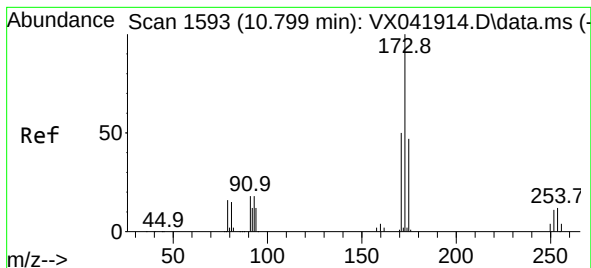
Ion Ratio Lower Upper

104 100

78 46.1 43.6 65.4

103 52.2 43.6 65.4





#71

Bromoform

Concen: 2.148 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

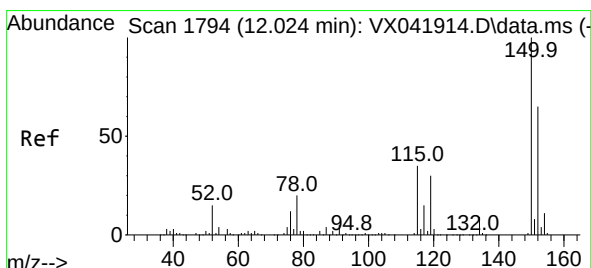
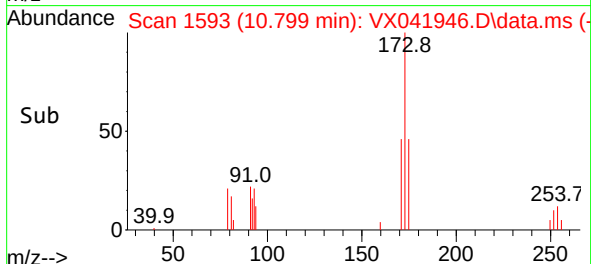
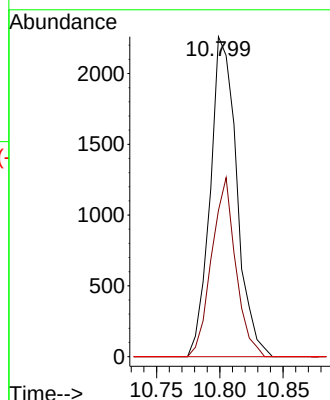
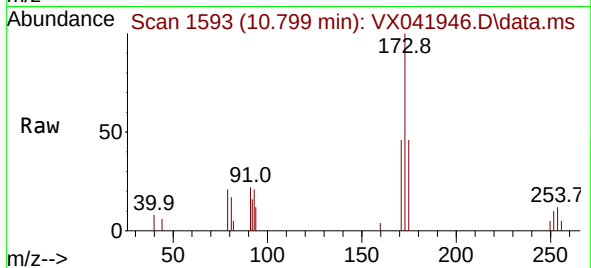
Tgt Ion:173	Resp:	3304
Ion Ratio	Lower	Upper
173	100	
175	50.6	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

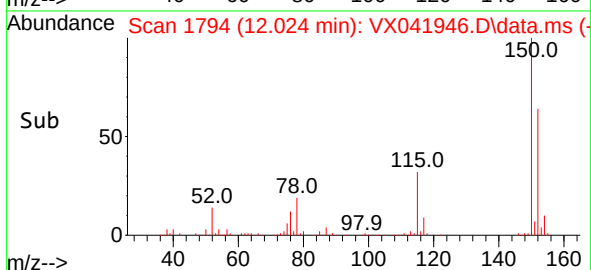
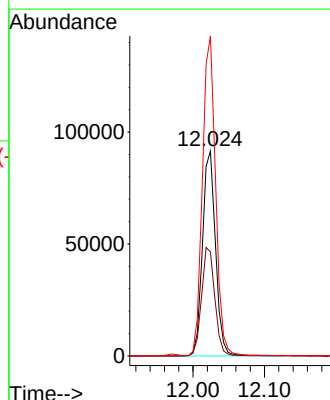
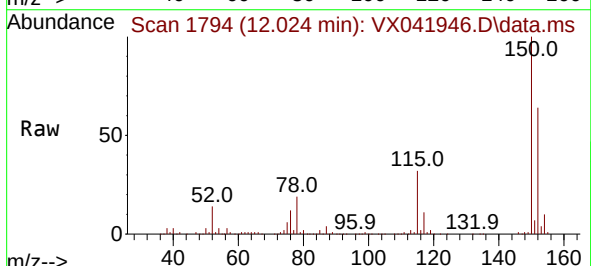
RT: 12.024 min Scan# 1794

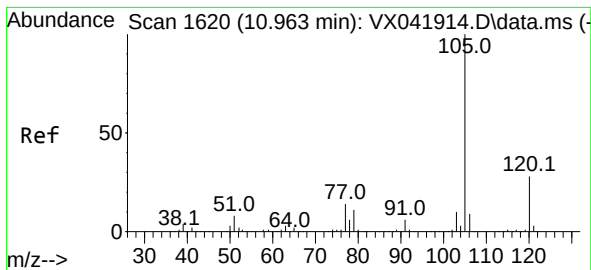
Delta R.T. 0.000 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

Tgt Ion:152	Resp:	116158
Ion Ratio	Lower	Upper
152	100	
115	54.0	43.3 129.9
150	156.7	0.0 345.0





#73

Isopropylbenzene

Concen: 2.678 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

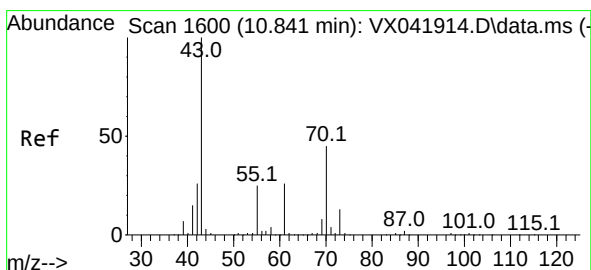
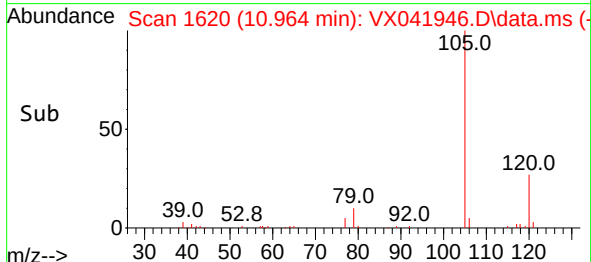
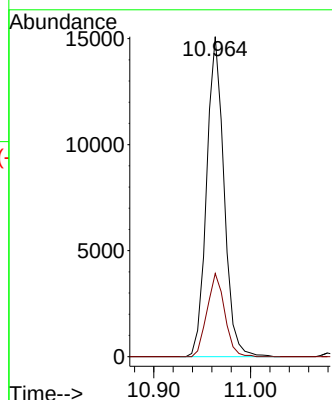
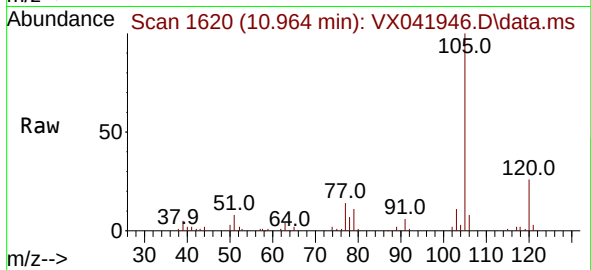
Tgt Ion:105 Resp: 1891
 Ion Ratio Lower Upper
 105 100
 120 26.3 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#74

N-ethyl acetate

Concen: 2.440 ug/l

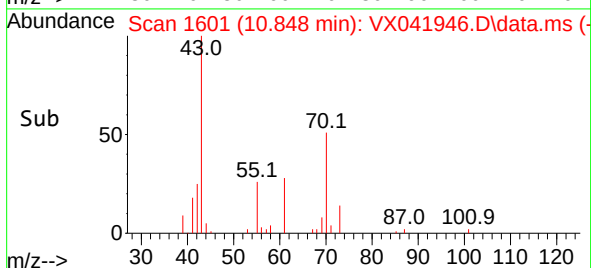
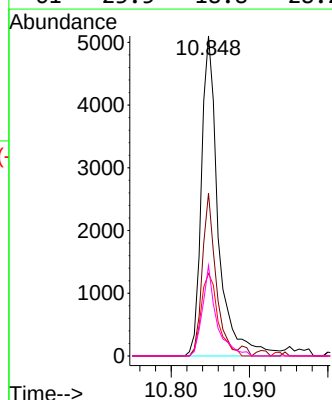
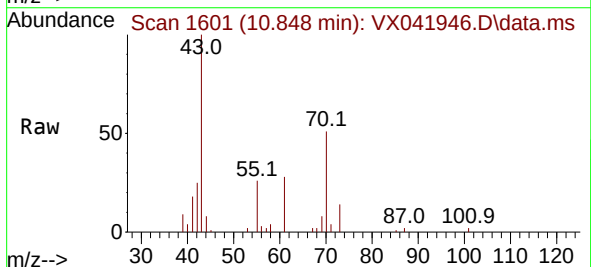
RT: 10.848 min Scan# 1601

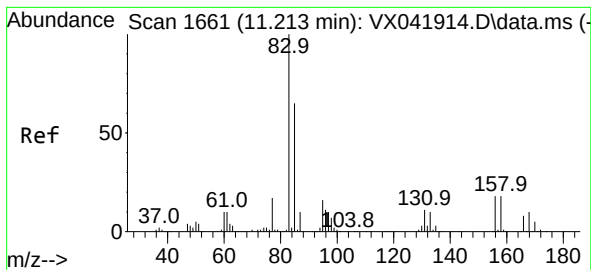
Delta R.T. 0.006 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

Tgt Ion: 43 Resp: 7656
 Ion Ratio Lower Upper
 43 100
 70 40.9 32.9 49.3
 55 25.7 19.3 28.9
 61 23.5 18.8 28.2





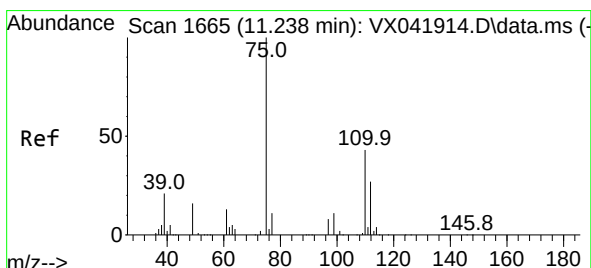
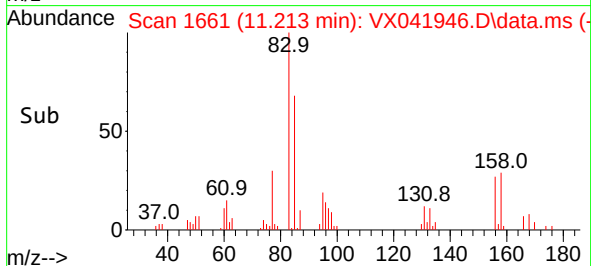
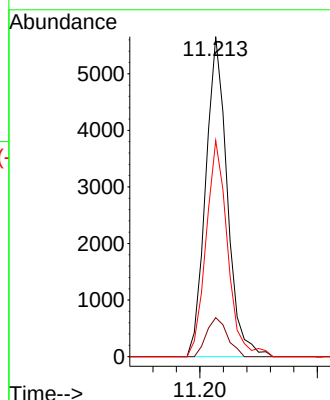
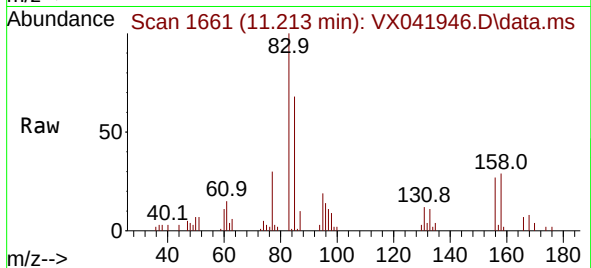
#75
1,1,2,2-Tetrachloroethane
Concen: 2.738 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 83 Resp: 719
Ion Ratio Lower Upper
83 100
131 11.9 5.3 15.8
85 67.5 32.0 96.2

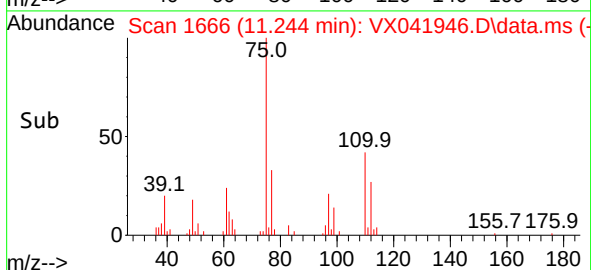
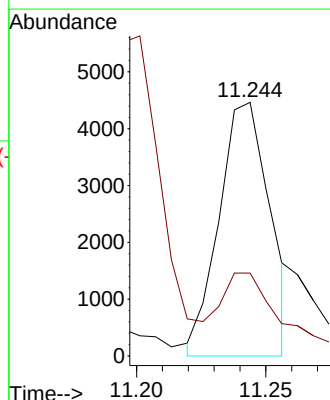
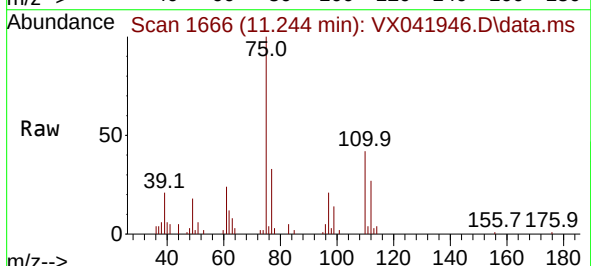
Manual Integrations
APPROVED

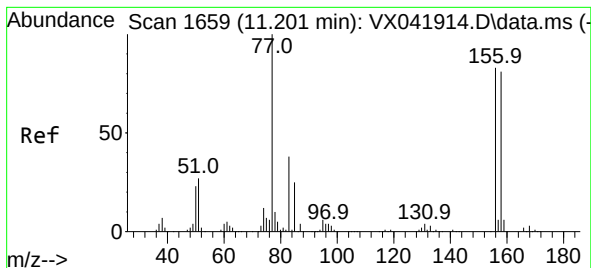
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#76
1,2,3-Trichloropropane
Concen: 2.891 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

Tgt Ion: 75 Resp: 6097
Ion Ratio Lower Upper
75 100
77 40.3 19.1 57.5





#77

Bromobenzene

Concen: 2.763 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

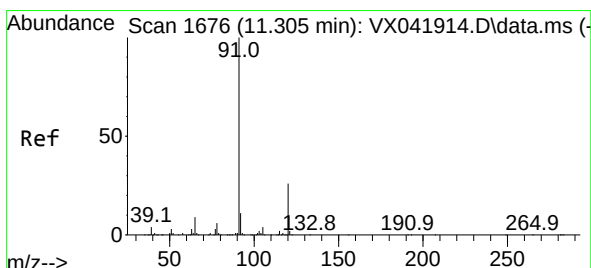
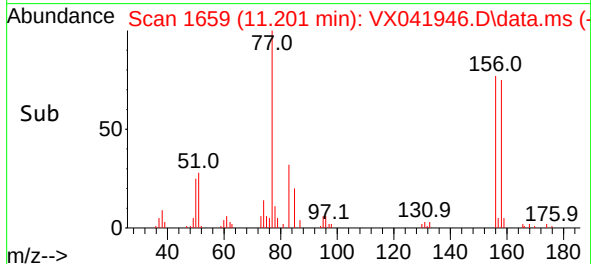
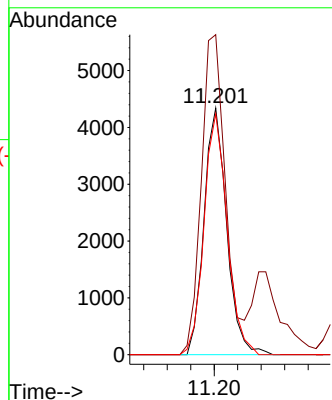
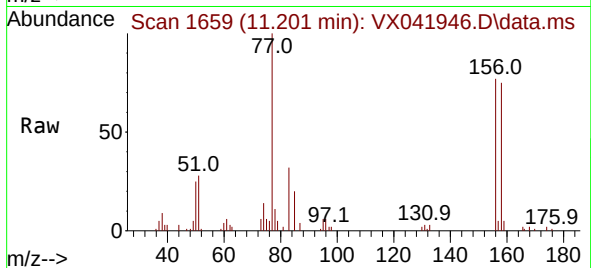
Tgt Ion:	156	Resp:	581
Ion	Ratio	Lower	Upper
156	100		
77	138.8	88.4	265.3
158	99.8	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#78

n-propylbenzene

Concen: 2.559 ug/l

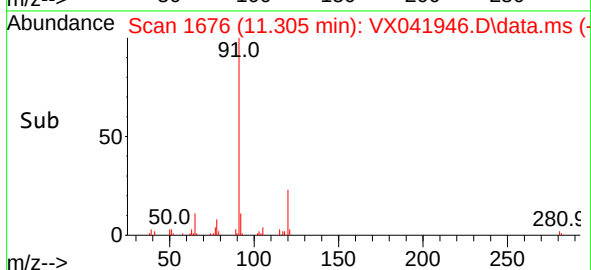
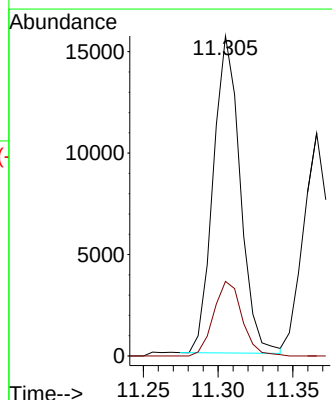
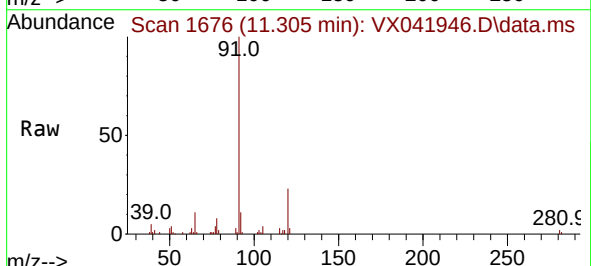
RT: 11.305 min Scan# 1676

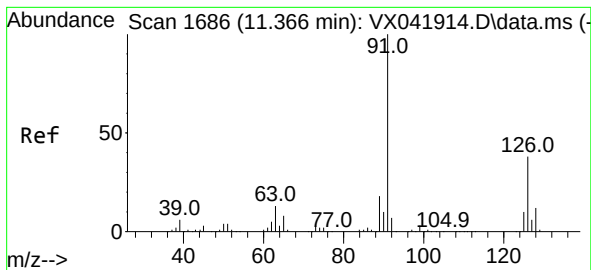
Delta R.T. 0.000 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

Tgt Ion:	91	Resp:	19610
Ion	Ratio	Lower	Upper
91	100		
120	24.7	11.5	34.4





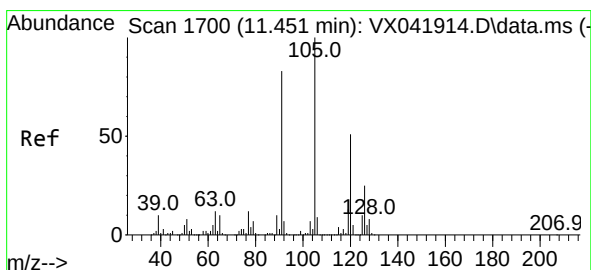
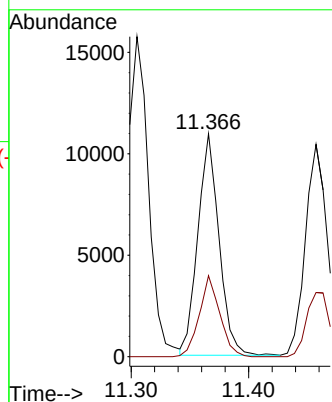
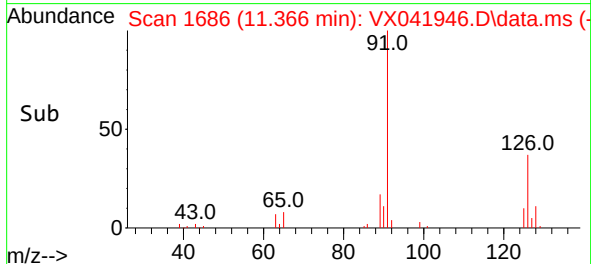
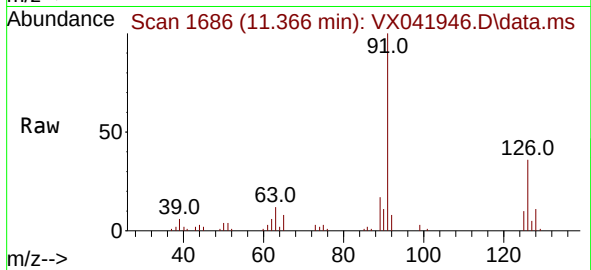
#79
2-Chlorotoluene
Concen: 2.770 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 91 Resp: 1367
Ion Ratio Lower Upper
91 100
126 35.5 16.3 48.8

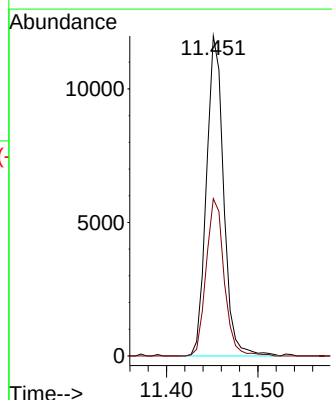
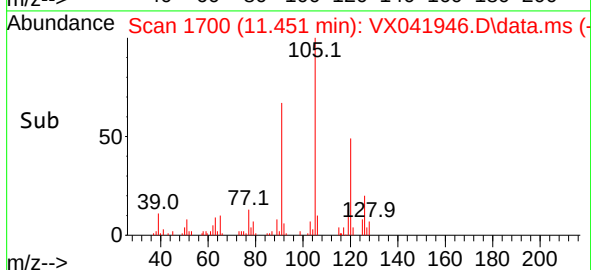
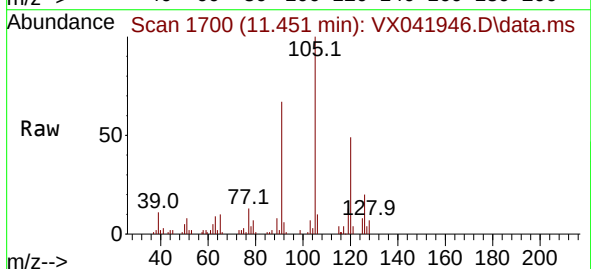
Manual Integrations
APPROVED

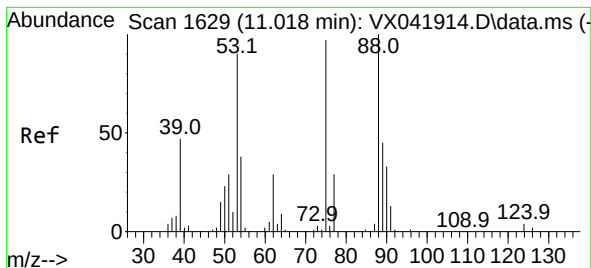
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#80
1,3,5-Trimethylbenzene
Concen: 2.662 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

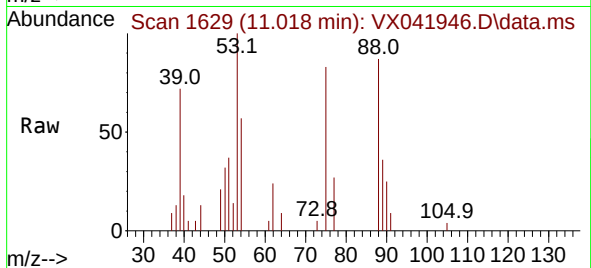
Tgt Ion:105 Resp: 15659
Ion Ratio Lower Upper
105 100
120 51.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 1.873 ug/l m
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

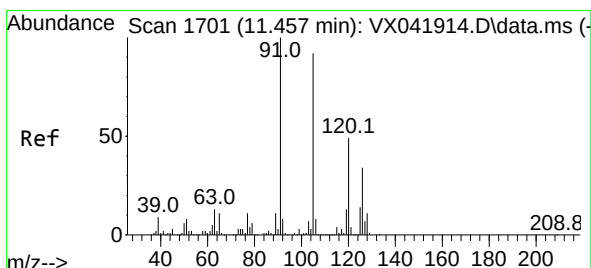
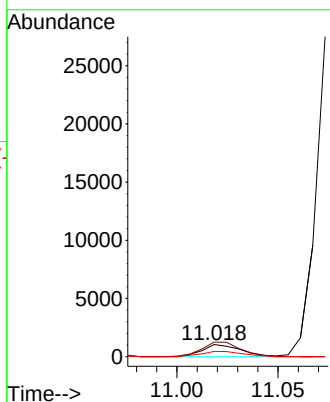
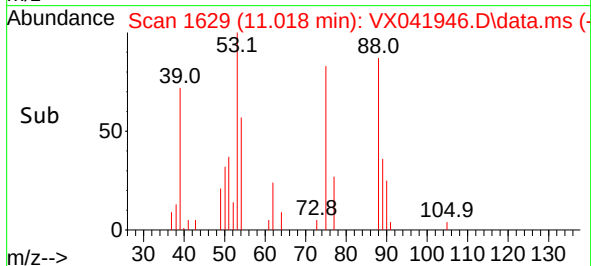
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 75 Resp: 139
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7
89 0.0 36.9 55.3

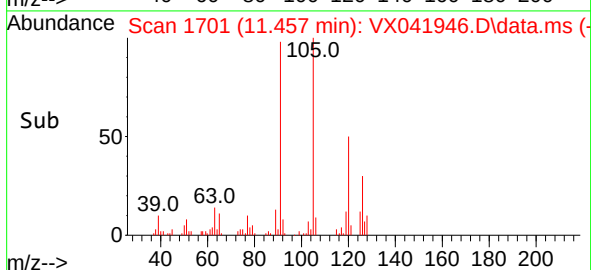
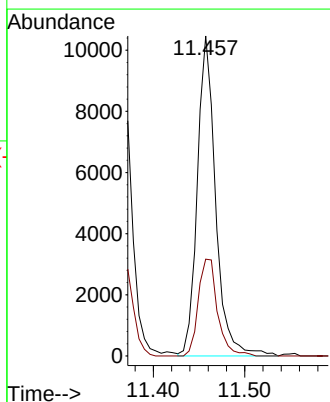
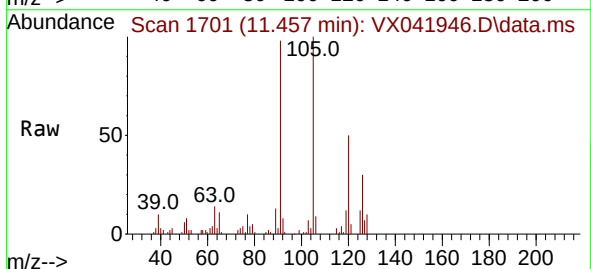
Manual Integrations
APPROVED

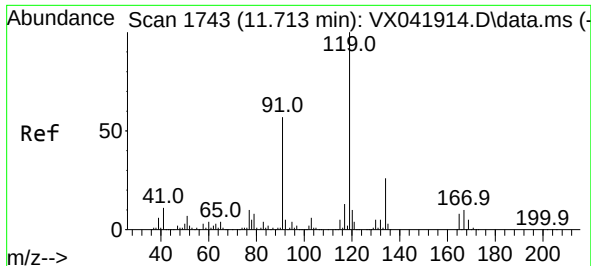
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#82
4-Chlorotoluene
Concen: 2.668 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

Tgt Ion: 91 Resp: 14562
Ion Ratio Lower Upper
91 100
126 31.8 14.2 42.6





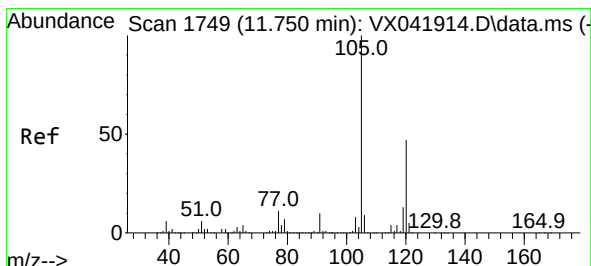
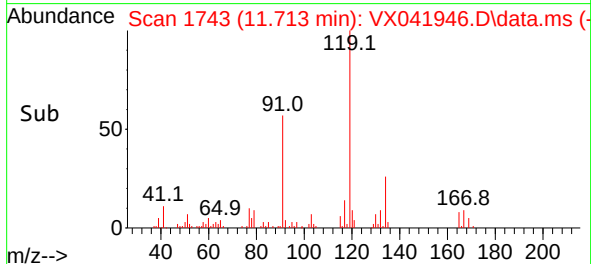
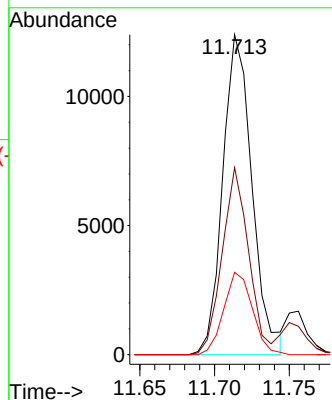
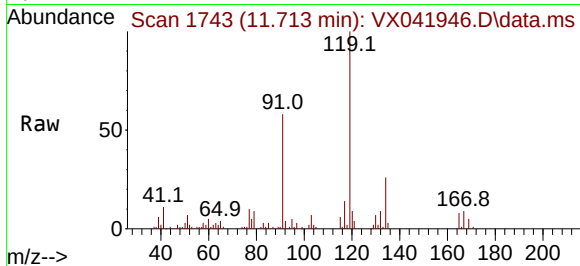
#83
tert-Butylbenzene
Concen: 2.611 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion:119 Resp: 16850
Ion Ratio Lower Upper
119 100
91 53.1 31.2 93.6
134 25.3 11.7 35.0

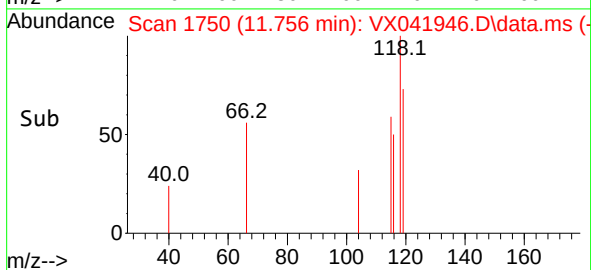
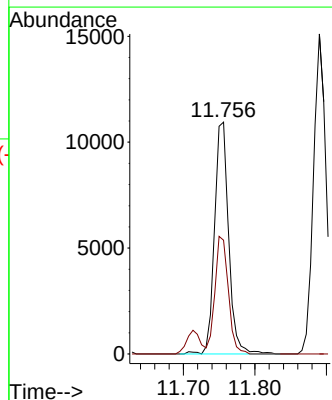
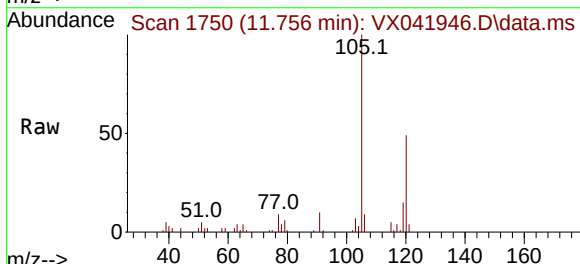
Manual Integrations
APPROVED

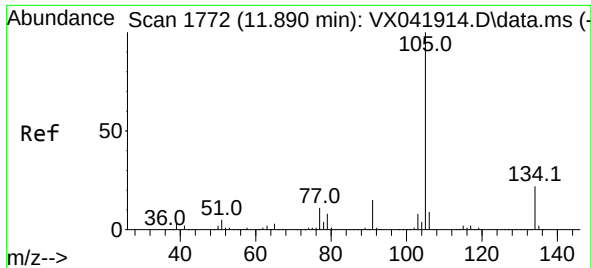
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#84
1,2,4-Trimethylbenzene
Concen: 2.544 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX041946.D
Acq: 19 Jun 2024 14:50

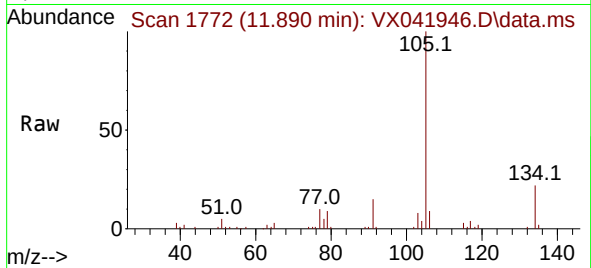
Tgt Ion:105 Resp: 15013
Ion Ratio Lower Upper
105 100
120 47.9 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 2.552 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041946.D
 Acq: 19 Jun 2024 14:50

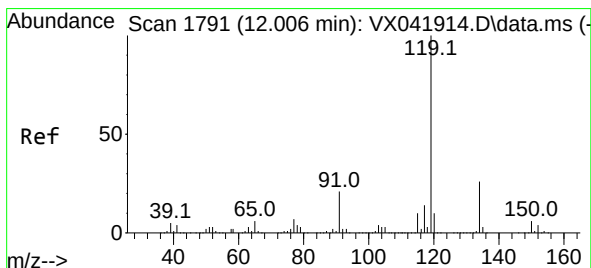
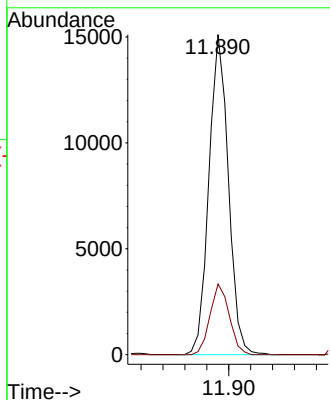
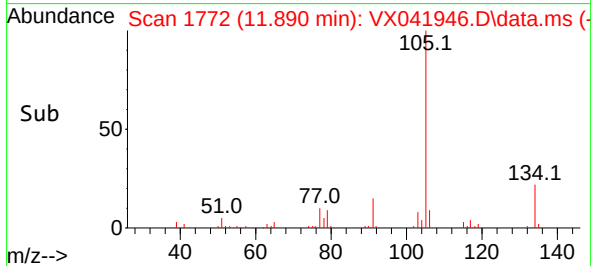
Instrument : MSVOA_X
 ClientSampleId : LOD-MDL-WATER-01-QT2-2024



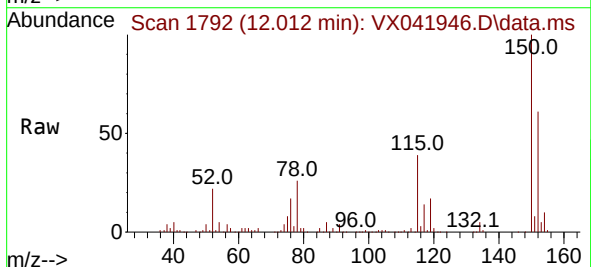
Tgt Ion:105 Resp: 18630
 Ion Ratio Lower Upper
 105 100
 134 21.8 9.8 29.4

Manual Integrations
 APPROVED

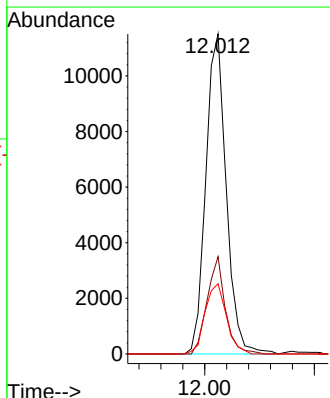
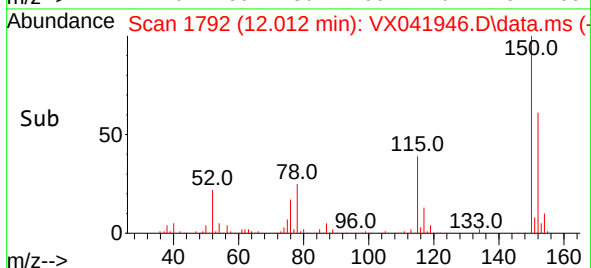
Reviewed By :John Carlone 06/20/2024
 Supervised By :Mahesh Dadoda 06/20/2024

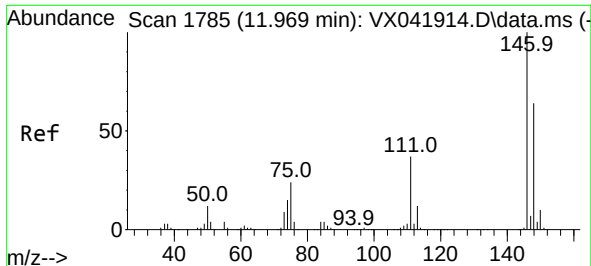


#86
 p-Isopropyltoluene
 Concen: 2.333 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX041946.D
 Acq: 19 Jun 2024 14:50



Tgt Ion:119 Resp: 14880
 Ion Ratio Lower Upper
 119 100
 134 27.1 12.8 38.3
 91 22.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 2.659 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

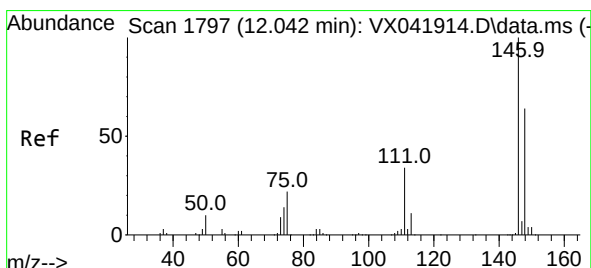
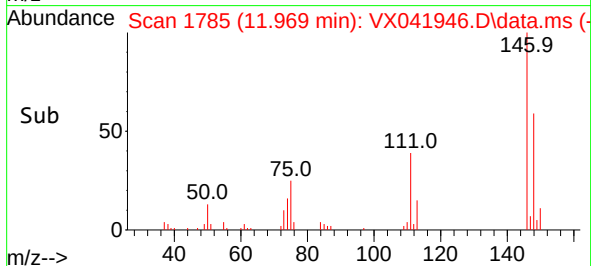
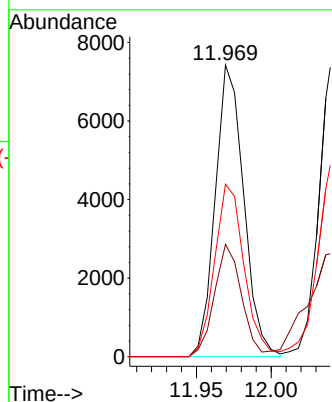
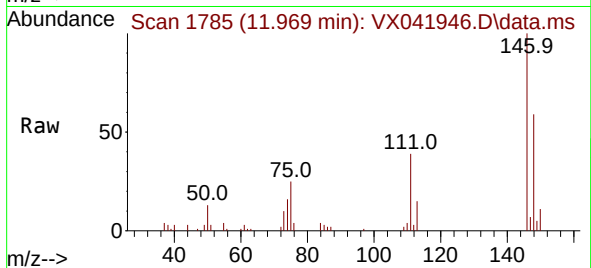
Tgt Ion:	146	Resp:	983
Ion Ratio	Lower	Upper	
146	100		
111	36.6	22.1	66.1
148	61.6	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#88

1,4-Dichlorobenzene

Concen: 2.713 ug/l

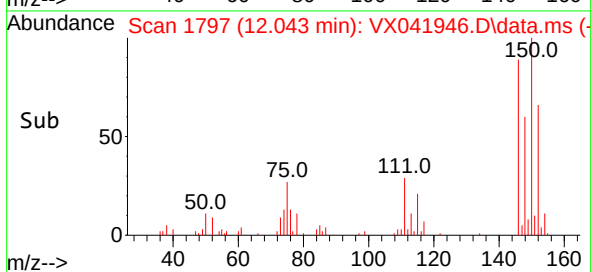
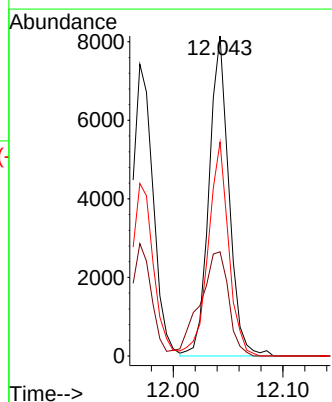
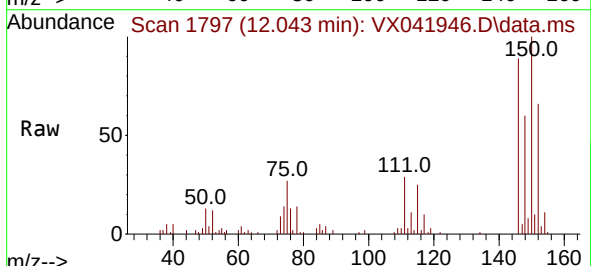
RT: 12.043 min Scan# 1797

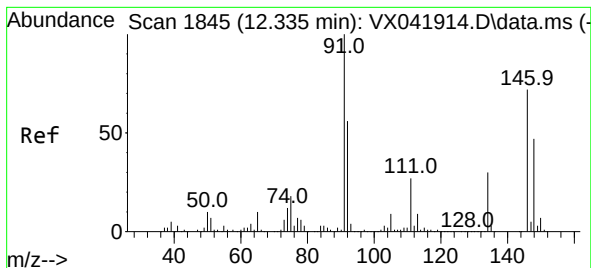
Delta R.T. 0.000 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

Tgt Ion:	146	Resp:	10267
Ion Ratio	Lower	Upper	
146	100		
111	46.8	21.3	63.7
148	68.2	31.8	95.4





#89

n-Butylbenzene

Concen: 2.198 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

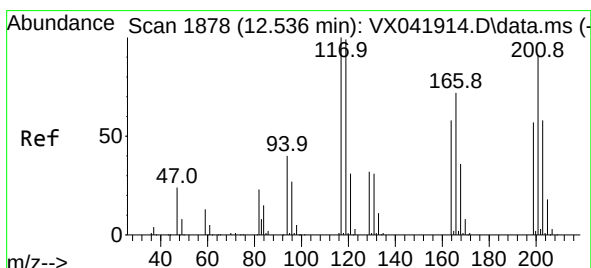
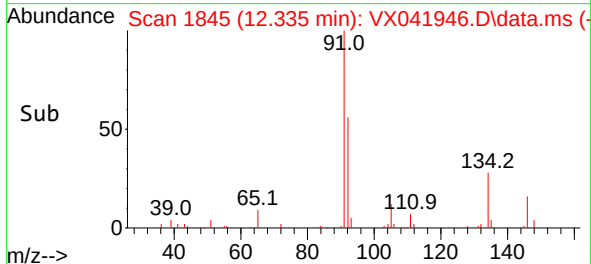
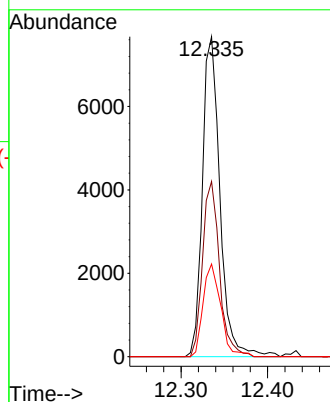
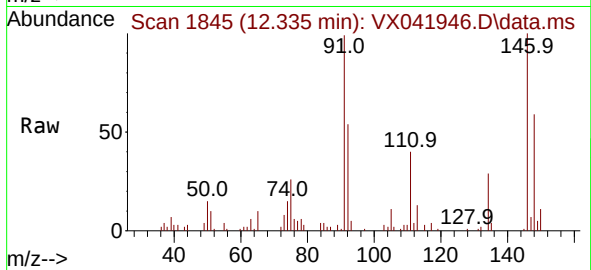
Tgt Ion: 91	Resp: 1079
Ion Ratio	Lower Upper
91	100
92	52.8 27.4 82.0
134	29.3 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#90

Hexachloroethane

Concen: 2.341 ug/l

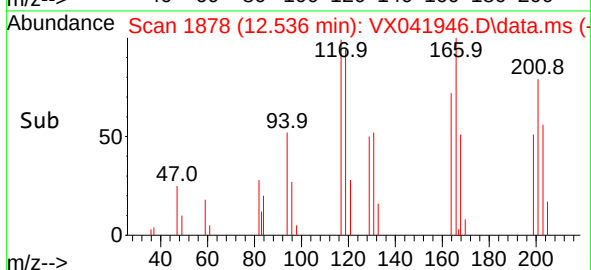
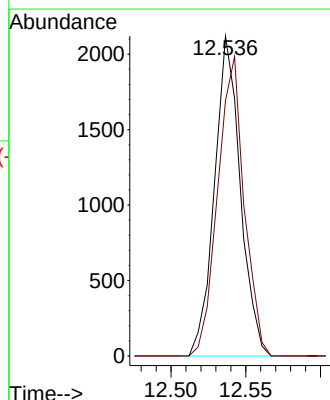
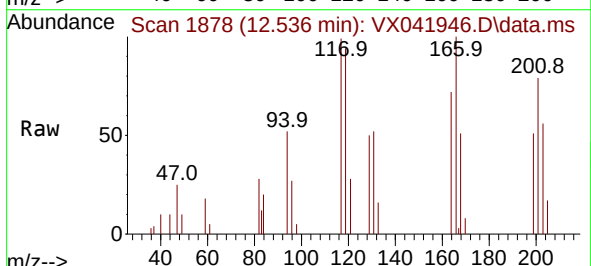
RT: 12.536 min Scan# 1878

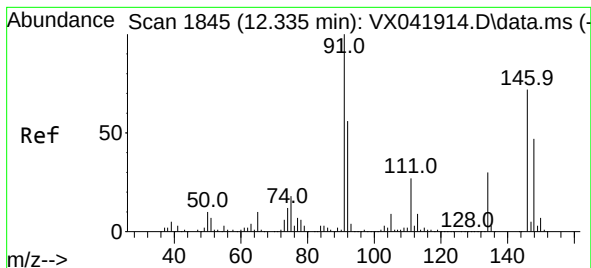
Delta R.T. 0.000 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

Tgt Ion: 117	Resp: 2542
Ion Ratio	Lower Upper
117	100
201	95.9 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 2.686 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041946.D

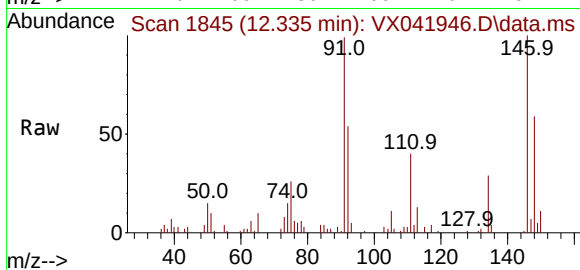
Acq: 19 Jun 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



Tgt Ion:146 Resp: 1016

Ion Ratio Lower Upper

146 100

111 38.7 22.4 67.0

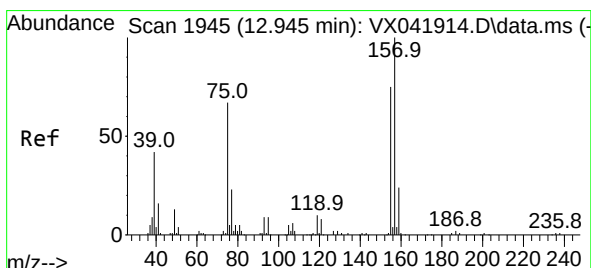
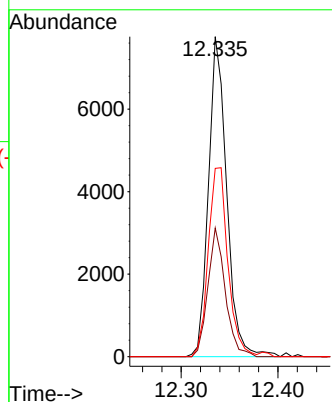
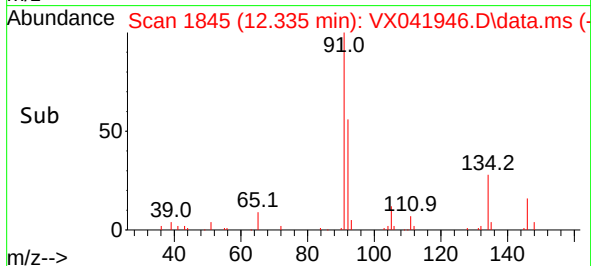
148 64.5 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.329 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

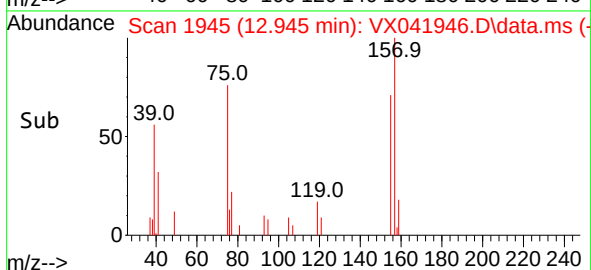
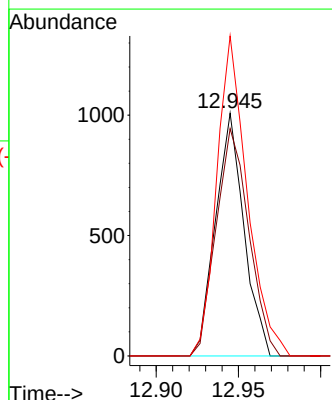
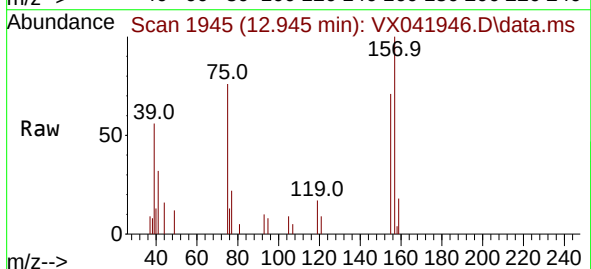
Tgt Ion: 75 Resp: 1212

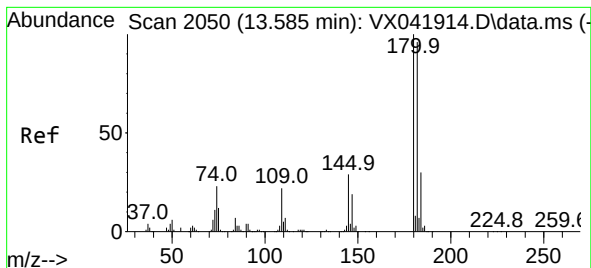
Ion Ratio Lower Upper

75 100

155 107.8 36.1 108.5

157 141.4 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 2.252 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

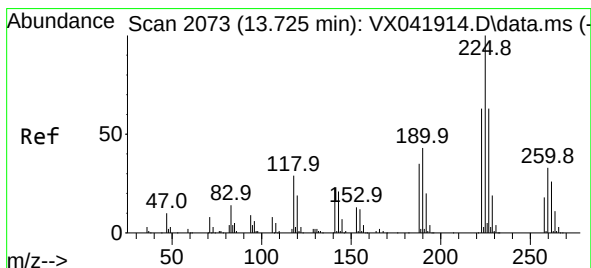
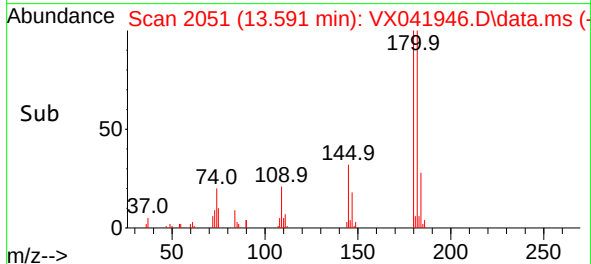
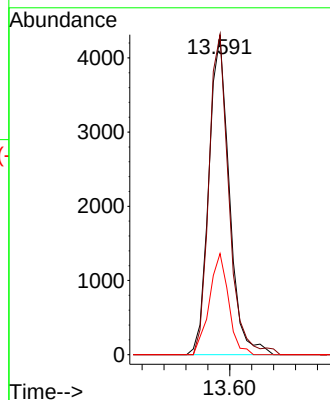
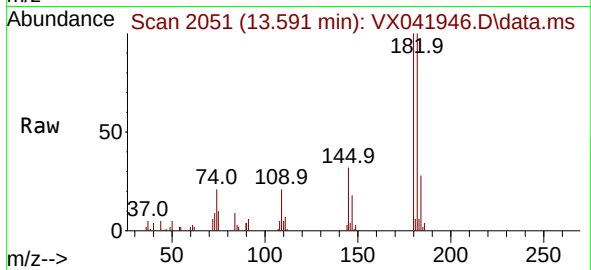
Tgt Ion:	180	Resp:	558
Ion Ratio	Lower	Upper	
180	100		
182	97.8	48.3	144.8
145	29.7	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#94

Hexachlorobutadiene

Concen: 2.638 ug/l

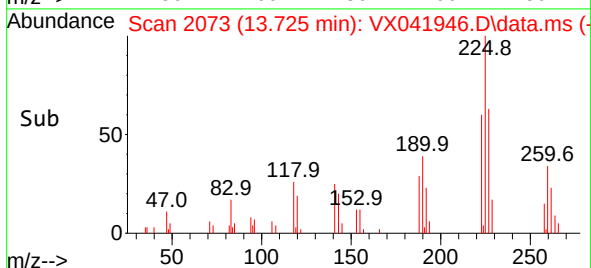
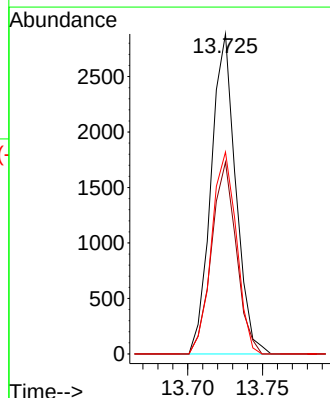
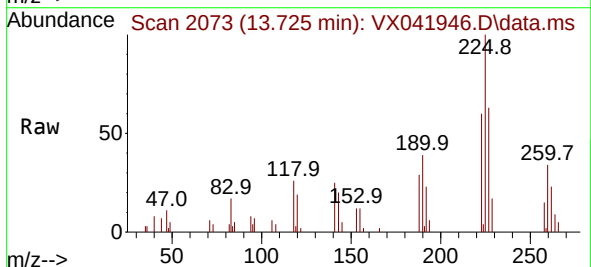
RT: 13.725 min Scan# 2073

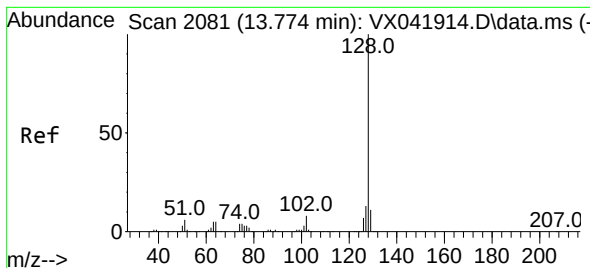
Delta R.T. 0.000 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

Tgt Ion:	225	Resp:	3306
Ion Ratio	Lower	Upper	
225	100		
223	60.1	31.1	93.2
227	63.6	32.5	97.5





#95

Naphthalene

Concen: 2.195 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

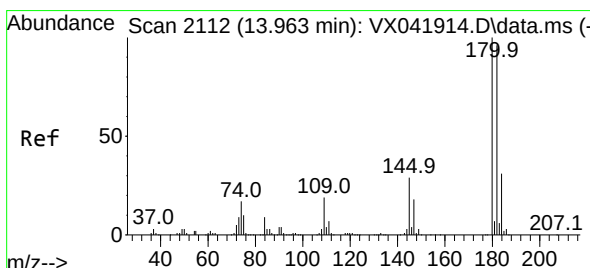
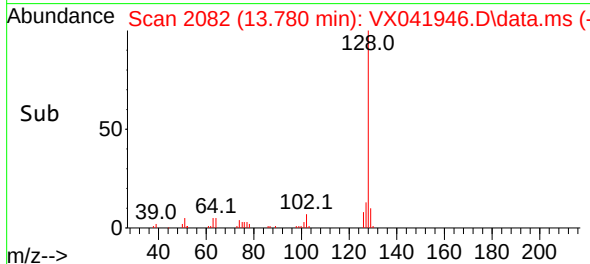
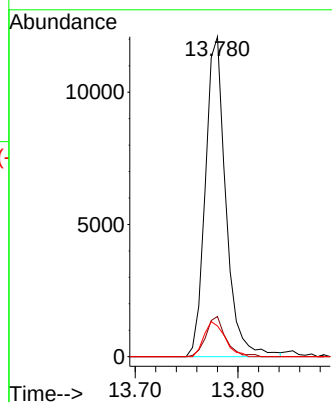
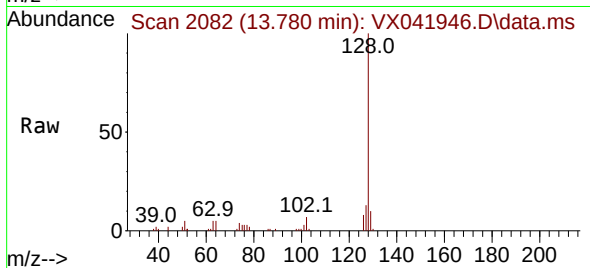
Tgt Ion:128	Resp:	1677
Ion Ratio	Lower	Upper
128	100	
127	12.1	10.3 15.5
129	11.2	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 2.427 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041946.D

Acq: 19 Jun 2024 14:50

Tgt Ion:180	Resp:	6343
Ion Ratio	Lower	Upper
180	100	
182	92.5	46.9 140.6
145	30.1	17.8 53.5

