

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
 Data File : VX041525.D
 Acq On : 14 May 2024 17:31
 Operator : JC/MD
 Sample : P2403-08 5.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Quant Time: May 15 01:58:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 01:53:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/15/2024
 Supervised By : Mahesh Dadoda 05/15/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	139512	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	200445	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93463	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	80693	53.130	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.260%	
35) Dibromofluoromethane	5.385	113	63132	46.477	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.960%	
50) Toluene-d8	8.647	98	224020	52.106	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.220%	
62) 4-Bromofluorobenzene	11.079	95	79874	47.993	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.980%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	5139	4.483	ug/l	97
3) Chloromethane	1.301	50	6112	5.152	ug/l	97
4) Vinyl Chloride	1.374	62	6353	5.618	ug/l	98
5) Bromomethane	1.599	94	5105	7.201	ug/l	94
6) Chloroethane	1.666	64	4424	8.426	ug/l	93
7) Trichlorofluoromethane	1.868	101	13758	7.055	ug/l	93
8) Diethyl Ether	2.136	74	4630	6.737	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.313	101	6617	6.038	ug/l	90
10) Methyl Iodide	2.441	142	6534	5.539	ug/l	91
11) Tert butyl alcohol	3.008	59	6747	22.195	ug/l #	91
12) 1,1-Dichloroethene	2.307	96	6442	5.959	ug/l	91
13) Acrolein	2.239	56	5323	22.072	ug/l	100
14) Allyl chloride	2.654	41	9804	5.398	ug/l	95
15) Acrylonitrile	3.075	53	20341	29.319	ug/l	99
16) Acetone	2.392	43	19978	25.189	ug/l	93
17) Carbon Disulfide	2.502	76	10899	4.289	ug/l	97
18) Methyl Acetate	2.709	43	9947	6.401	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	21572	5.474	ug/l	99
20) Methylene Chloride	2.788	84	8030	6.090	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	6259	5.180	ug/l	85
22) Diisopropyl ether	3.764	45	21324	5.540	ug/l #	86
23) Vinyl Acetate	3.727	43	91938	26.700	ug/l	95
24) 1,1-Dichloroethane	3.605	63	12036	5.535	ug/l	98
25) 2-Butanone	4.580	43	28856	29.355	ug/l	98
26) 2,2-Dichloropropane	4.471	77	9217	5.069	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	7971	5.572	ug/l	90
28) Bromochloromethane	4.898	49	5423	6.987	ug/l #	78
29) Tetrahydrofuran	5.019	42	18286	28.444	ug/l	96
30) Chloroform	5.093	83	13050	5.768	ug/l	98
31) Cyclohexane	5.471	56	9705	5.294	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	11055	5.371	ug/l	99
36) 1,1-Dichloropropene	5.690	75	8186	5.040	ug/l	96
37) Ethyl Acetate	4.727	43	10189	5.027	ug/l #	89
38) Carbon Tetrachloride	5.672	117	8844	4.753	ug/l	98
39) Methylcyclohexane	7.379	83	10125	5.306	ug/l	93
40) Benzene	6.038	78	26668	5.326	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	5142	4.930	ug/l #	90
42) 1,2-Dichloroethane	6.092	62	10853	5.914	ug/l	99
43) Isopropyl Acetate	6.348	43	16058	5.270	ug/l	98
44) Trichloroethene	7.129	130	7373	5.576	ug/l	88
45) 1,2-Dichloropropane	7.434	63	6324	5.653	ug/l	95
46) Dibromomethane	7.586	93	4952	5.560	ug/l #	81
47) Bromodichloromethane	7.824	83	8273	5.213	ug/l #	97
48) Methyl methacrylate	7.702	41	7665	5.487	ug/l	92
49) 1,4-Dioxane	7.678	88	2723	90.164	ug/l #	90
51) 4-Methyl-2-Pentanone	8.580	43	55116	30.143	ug/l	98
52) Toluene	8.720	92	17195	5.614	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	7362	4.682	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	8665	4.966	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	6896	5.846	ug/l	95
56) Ethyl methacrylate	9.122	69	9932	5.440	ug/l	95
57) 1,3-Dichloropropane	9.311	76	11369	5.775	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	25298	28.579	ug/l	96
59) 2-Hexanone	9.433	43	42480	29.054	ug/l	100
60) Dibromochloromethane	9.519	129	6573	4.733	ug/l	97
61) 1,2-Dibromoethane	9.610	107	7146	5.507	ug/l	99
64) Tetrachloroethene	9.275	164	7593	5.894	ug/l	89
65) Chlorobenzene	10.080	112	19924	5.517	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	6429	5.038	ug/l	99
67) Ethyl Benzene	10.195	91	31634	5.309	ug/l	97
68) m/p-Xylenes	10.299	106	25118	10.527	ug/l	94
69) o-Xylene	10.640	106	12260	5.366	ug/l	97
70) Styrene	10.659	104	19718	5.260	ug/l	96
71) Bromoform	10.799	173	5049	4.421	ug/l #	100
73) Isopropylbenzene	10.964	105	31455	5.513	ug/l	98
74) N-amyl acetate	10.848	43	13375	5.366	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	11070	5.922	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	9861m	6.474	ug/l	
77) Bromobenzene	11.201	156	9556	5.935	ug/l	79
78) n-propylbenzene	11.305	91	32325	5.395	ug/l	97
79) 2-Chlorotoluene	11.366	91	22321	5.781	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	26058	5.603	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	2186	3.909	ug/l	84
82) 4-Chlorotoluene	11.457	91	24566	5.604	ug/l	95
83) tert-Butylbenzene	11.713	119	26623	5.346	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	25638	5.479	ug/l	94
85) sec-Butylbenzene	11.890	105	31300	5.484	ug/l	96
86) p-Isopropyltoluene	12.012	119	26102	5.092	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	16073	5.492	ug/l	93
88) 1,4-Dichlorobenzene	12.043	146	16717	5.544	ug/l	98
89) n-Butylbenzene	12.335	91	19572	4.748	ug/l	96
90) Hexachloroethane	12.536	117	3982	4.645	ug/l #	54
91) 1,2-Dichlorobenzene	12.335	146	16858	5.453	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1958	4.533	ug/l #	52
93) 1,2,4-Trichlorobenzene	13.591	180	9989	4.623	ug/l	96
94) Hexachlorobutadiene	13.725	225	5362	4.969	ug/l	97
95) Naphthalene	13.774	128	30455	4.756	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	10988	4.975	ug/l	97

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Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/15/2024

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

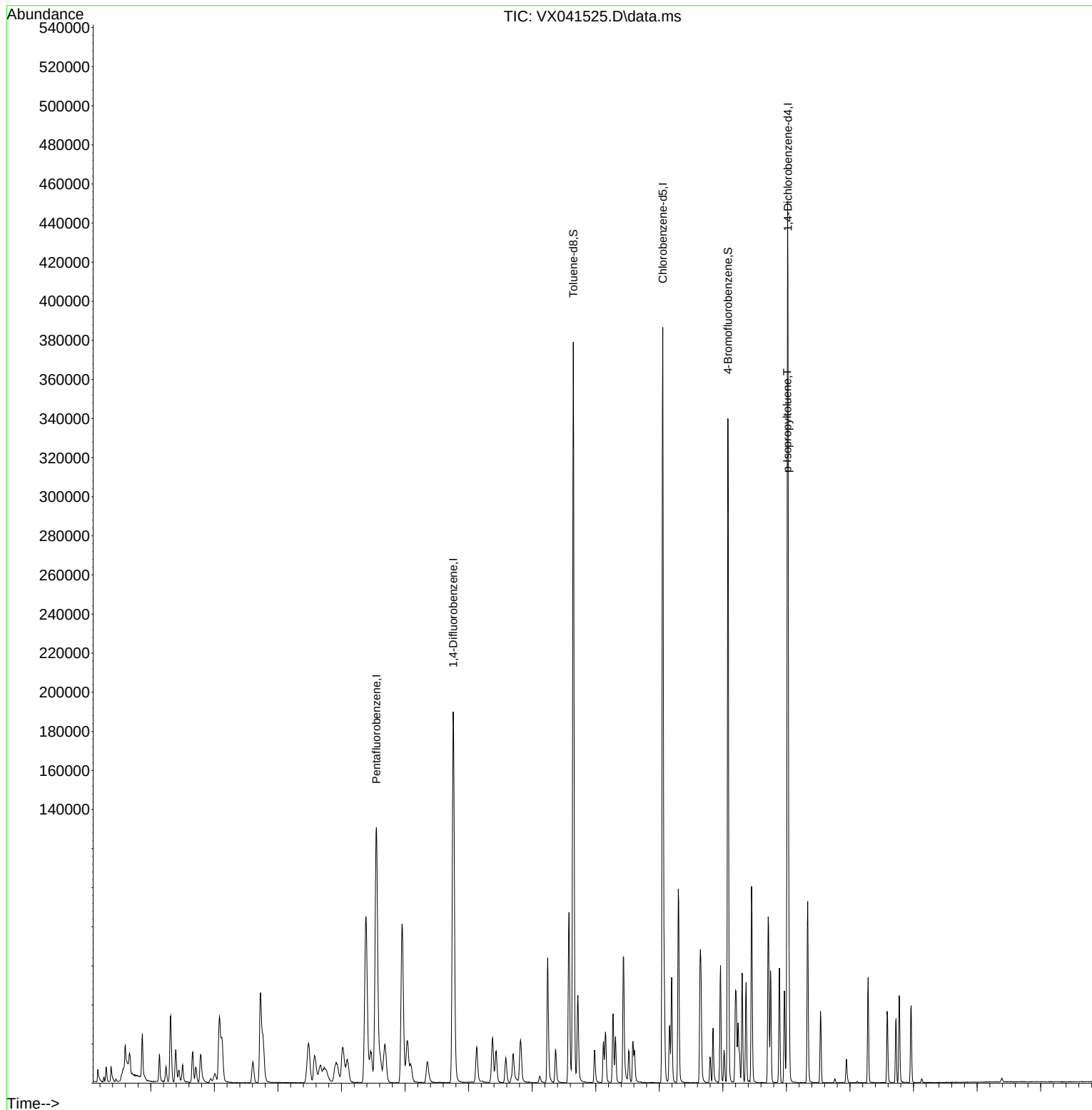
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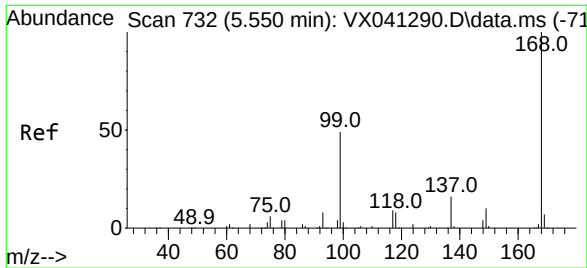
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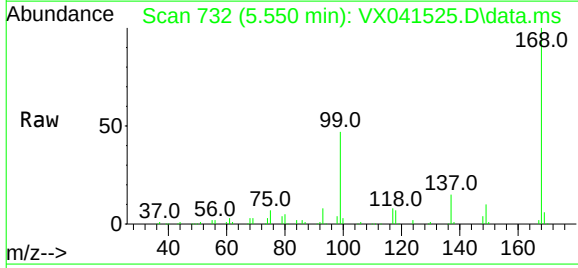
Reviewed By : John Carlone 05/15/2024
Supervised By : Mahesh Dadoda 05/15/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

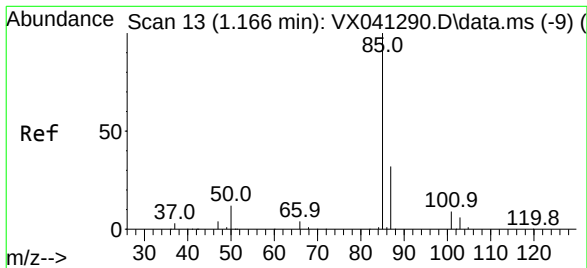
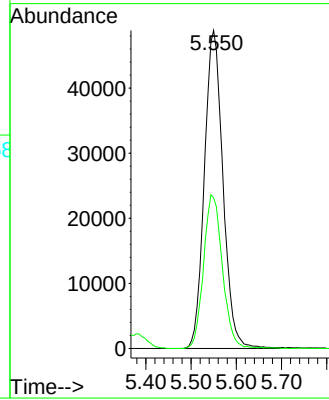
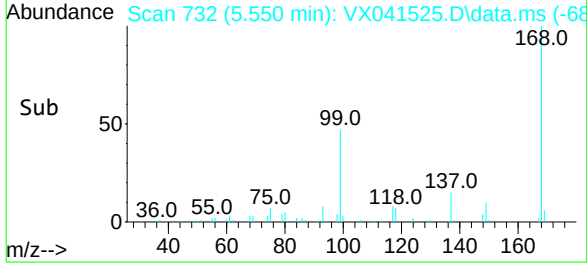
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion:168 Resp: 139512
Ion Ratio Lower Upper
168 100
99 47.4 56.6 85.0#

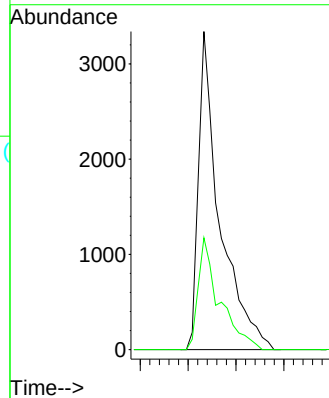
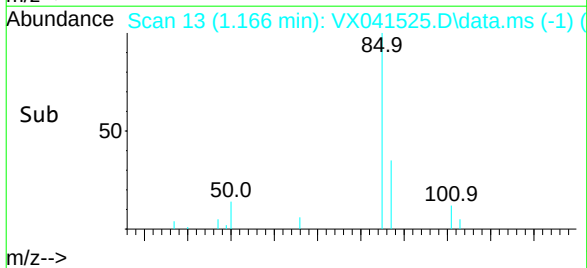
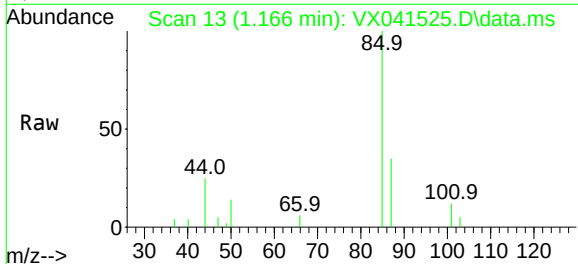
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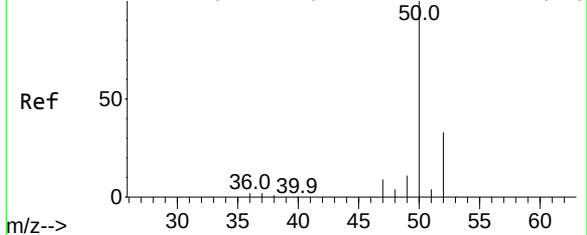


#2
Dichlorodifluoromethane
Concen: 4.483 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Tgt Ion: 85 Resp: 5139
Ion Ratio Lower Upper
85 100
87 35.1 16.7 50.1



Abundance Scan 35 (1.300 min): VX041290.D\data.ms (-30)



#3

Chloromethane

Concen: 5.152 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion: 50 Resp: 6112

Ion Ratio Lower Upper

50 100

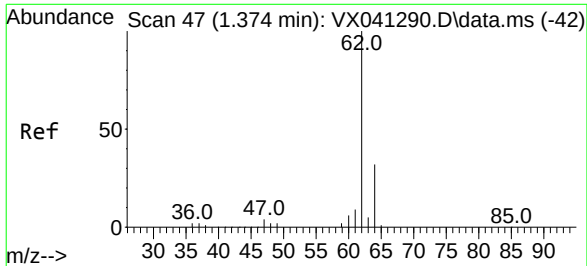
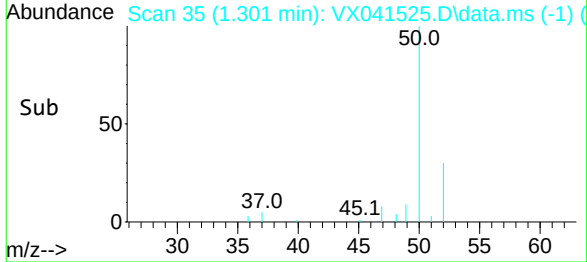
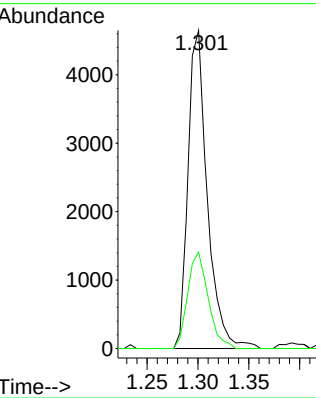
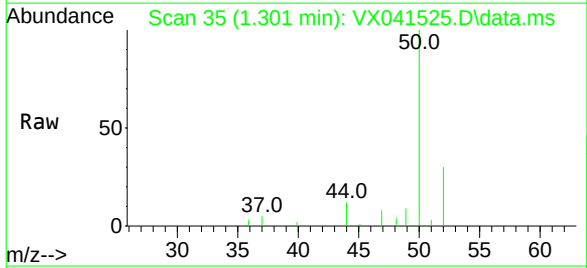
52 30.3 25.5 38.3

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 05/15/2024



#4

Vinyl Chloride

Concen: 5.618 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX041525.D

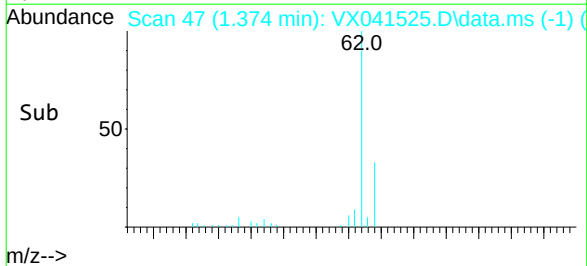
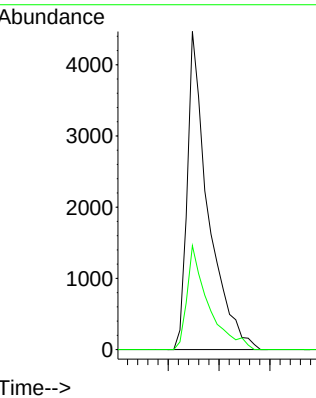
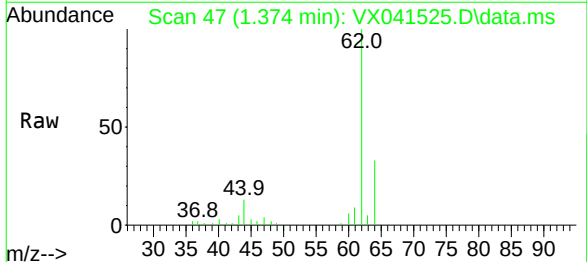
Acq: 14 May 2024 17:31

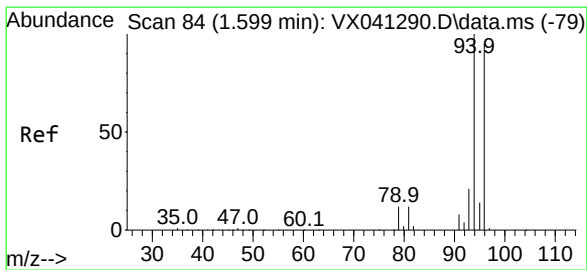
Tgt Ion: 62 Resp: 6353

Ion Ratio Lower Upper

62 100

64 32.7 25.4 38.0





#5

Bromomethane

Concen: 7.201 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX041525.D

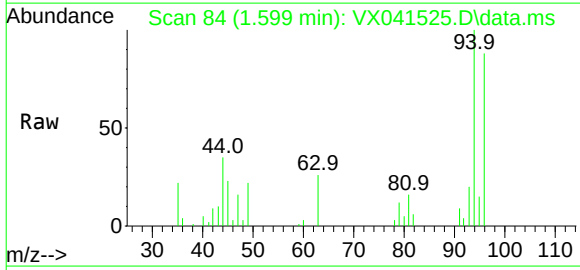
Acq: 14 May 2024 17:31

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MSVOA_X

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LOQ-WATER-02-QT2-2024



Tgt Ion: 94 Resp: 5105

Ion Ratio Lower Upper

94 100

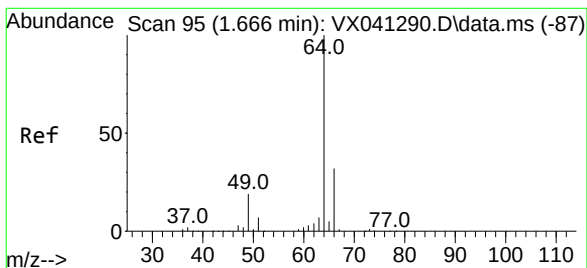
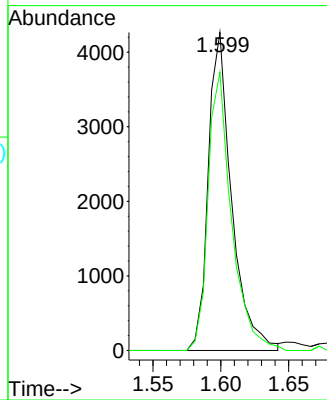
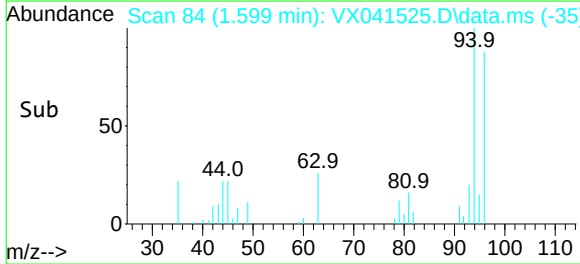
96 87.5 74.6 111.8

Manual Integrations

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Supervised By :Mahesh Dadoda 05/15/2024



#6

Chloroethane

Concen: 8.426 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX041525.D

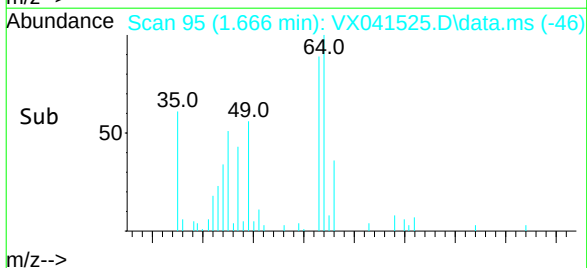
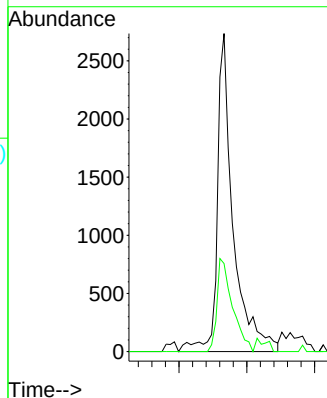
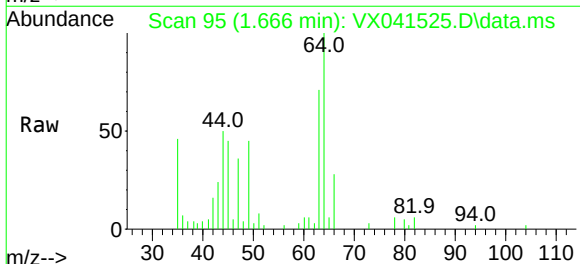
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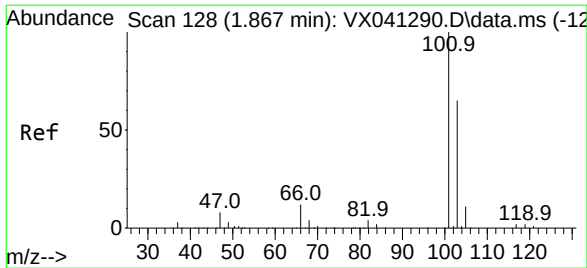
Tgt Ion: 64 Resp: 4424

Ion Ratio Lower Upper

64 100

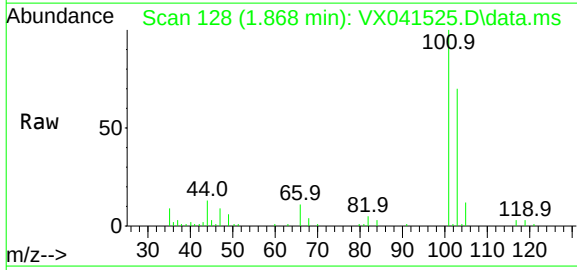
66 27.7 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 7.055 ug/l
 RT: 1.868 min Scan# 128
 Delta R.T. 0.000 min
 Lab File: VX041525.D
 Acq: 14 May 2024 17:31

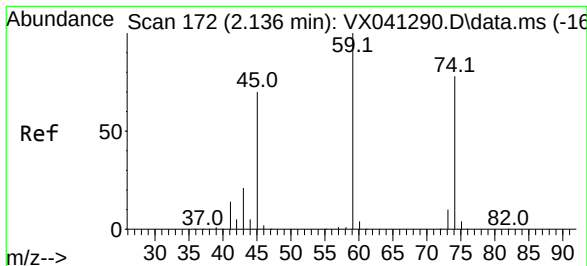
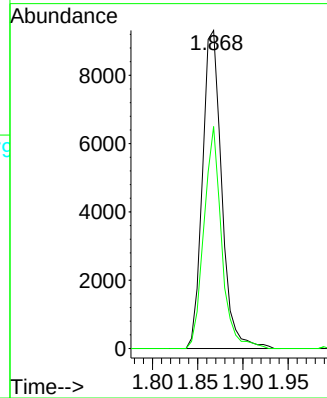
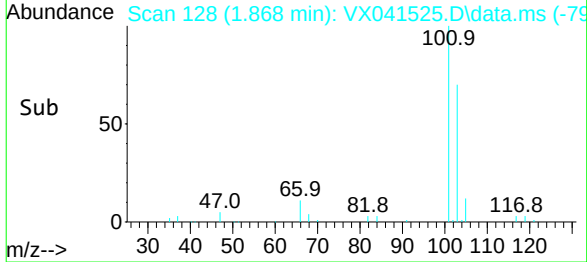
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2024



Tgt Ion: 101 Resp: 13758
 Ion Ratio Lower Upper
 101 100
 103 69.8 51.4 77.2

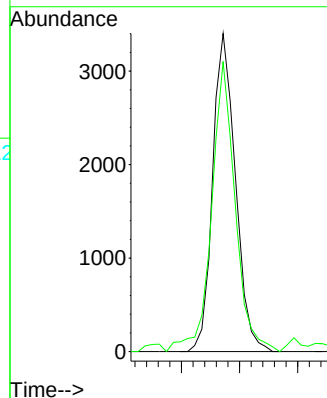
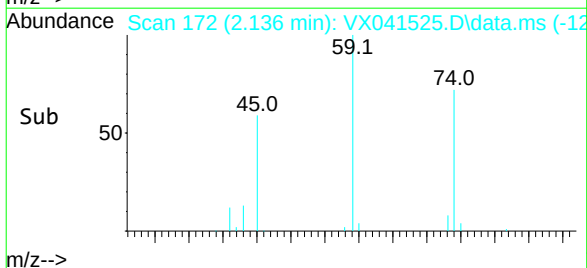
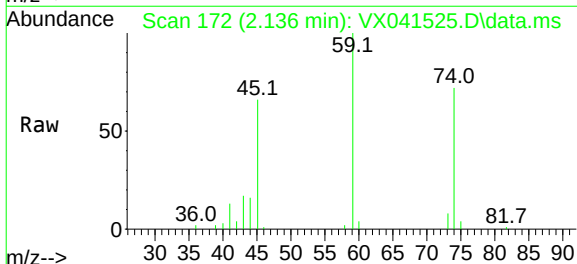
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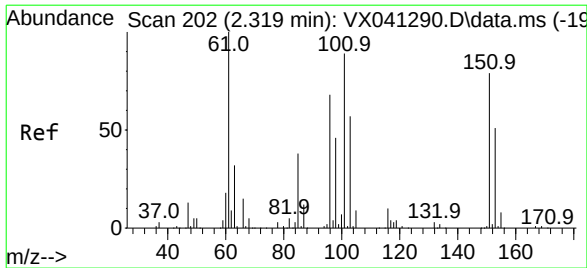
Reviewed By : John Carlone 05/15/2024
 Supervised By : Mahesh Dadoda 05/15/2024



#8
 Diethyl Ether
 Concen: 6.737 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX041525.D
 Acq: 14 May 2024 17:31

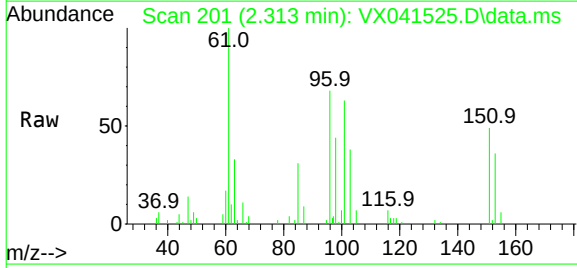
Tgt Ion: 74 Resp: 4630
 Ion Ratio Lower Upper
 74 100
 45 94.4 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.038 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

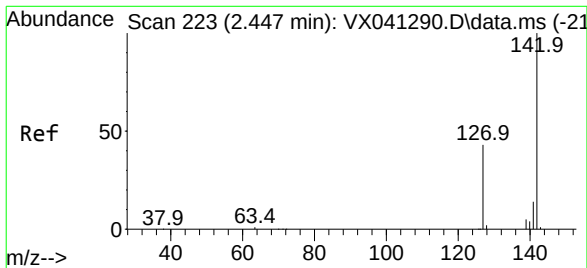
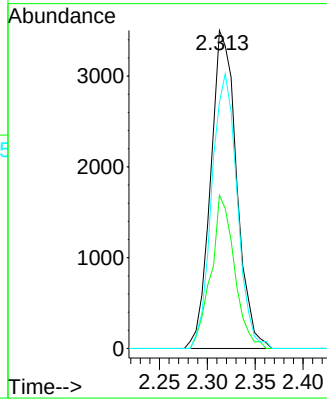
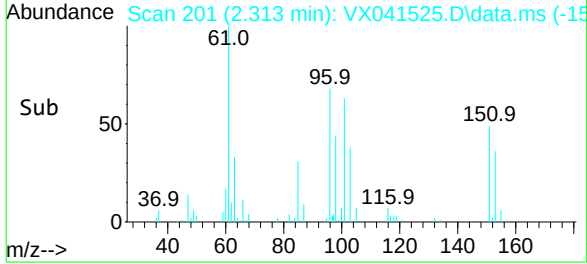
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion:101 Resp: 6617
Ion Ratio Lower Upper
101 100
85 43.4 37.0 55.6
151 84.5 58.6 87.8

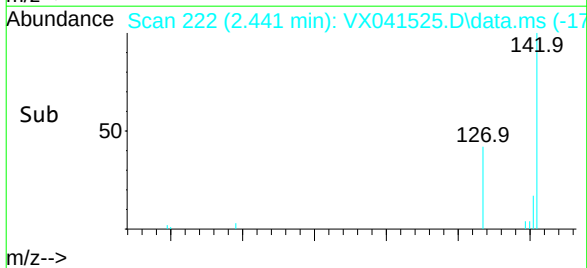
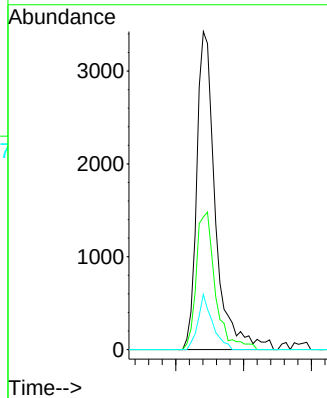
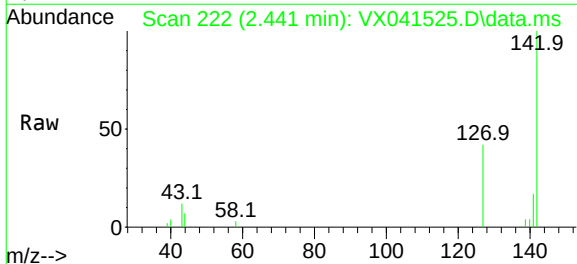
Manual Integrations
APPROVED

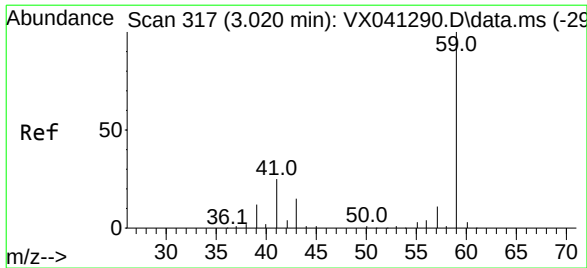
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#10
Methyl Iodide
Concen: 5.539 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Tgt Ion:142 Resp: 6534
Ion Ratio Lower Upper
142 100
127 44.3 41.6 62.4
141 13.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 22.195 ug/l

RT: 3.008 min Scan# 317

Delta R.T. -0.012 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Instrument :

MSVOA_X

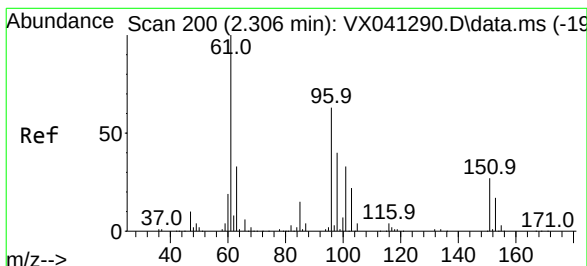
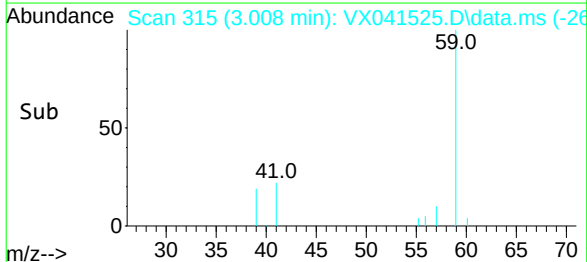
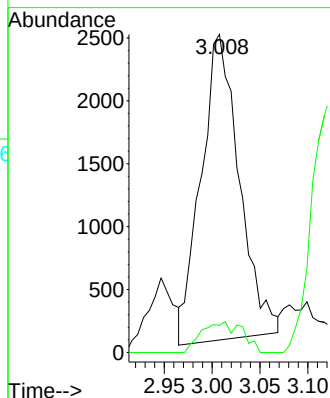
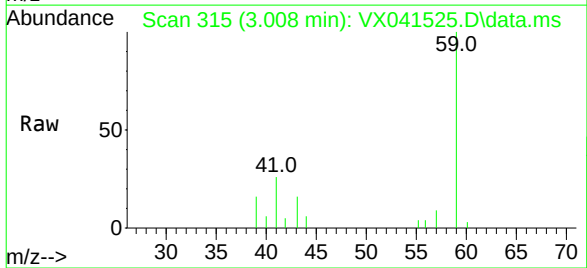
ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion: 59 Resp: 6747
 Ion Ratio Lower Upper
 59 100
 57 10.7 6.0 9.0#

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/15/2024
 Supervised By :Mahesh Dadoda 05/15/2024



#12

1,1-Dichloroethene

Concen: 5.959 ug/l

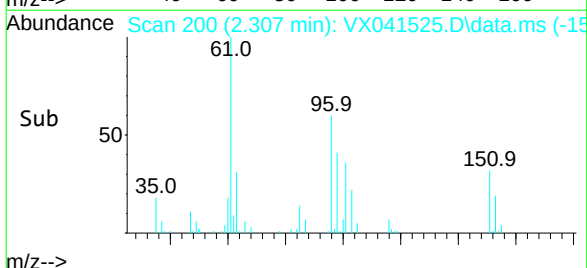
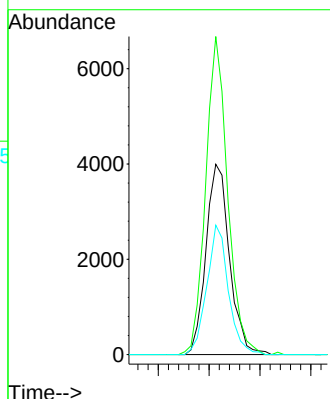
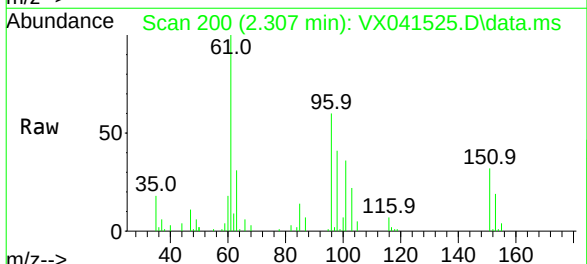
RT: 2.307 min Scan# 200

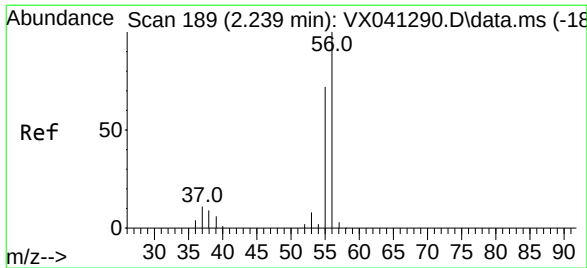
Delta R.T. 0.000 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Tgt Ion: 96 Resp: 6442
 Ion Ratio Lower Upper
 96 100
 61 167.1 144.6 216.8
 98 68.0 50.4 75.6





#13

Acrolein

Concen: 22.072 ug/l

RT: 2.239 min Scan# 18

Delta R.T. 0.000 min

Lab File: VX041525.D

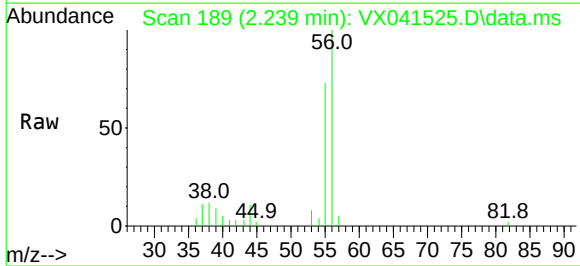
Acq: 14 May 2024 17:31

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion: 56 Resp: 5323

Ion Ratio Lower Upper

56 100

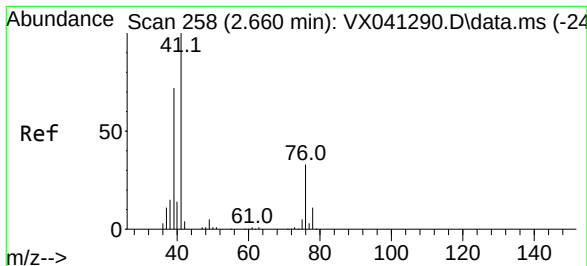
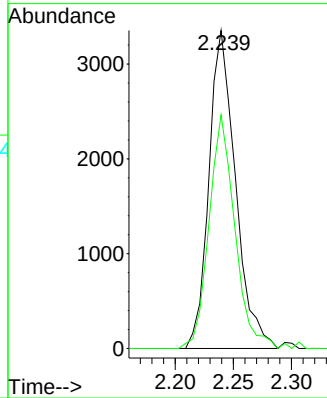
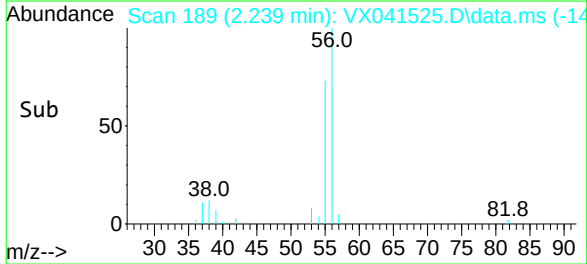
55 71.7 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#14

Allyl chloride

Concen: 5.398 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

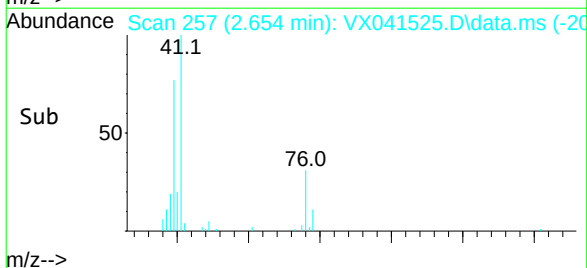
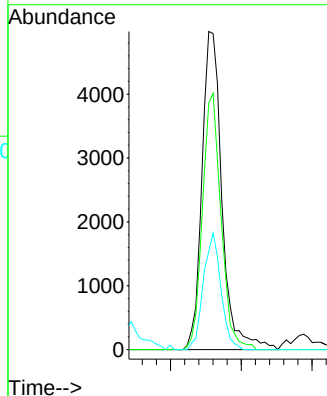
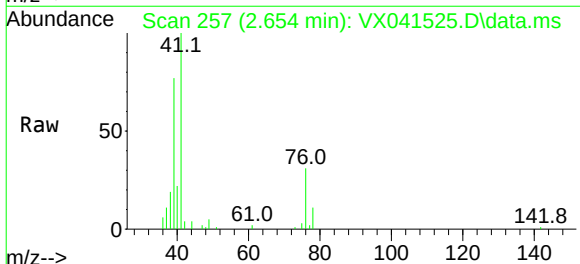
Tgt Ion: 41 Resp: 9804

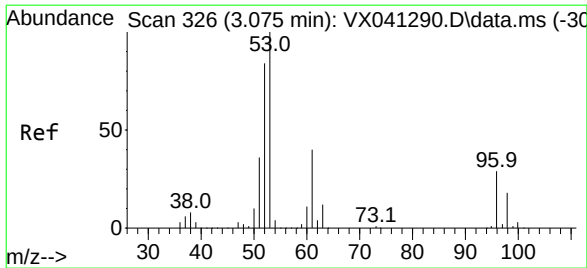
Ion Ratio Lower Upper

41 100

39 74.8 55.8 83.6

76 32.0 24.3 36.5





#15

Acrylonitrile

Concen: 29.319 ug/l

RT: 3.075 min Scan# 326

Delta R.T. 0.000 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

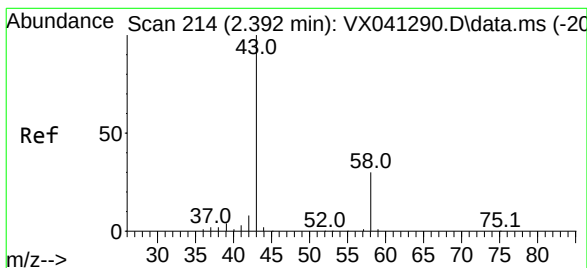
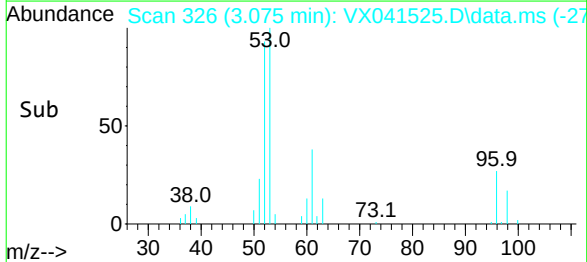
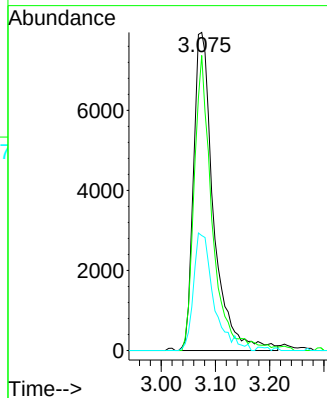
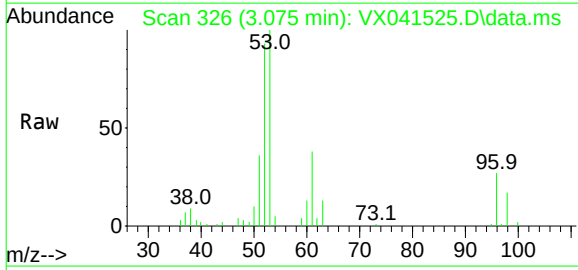
Tgt Ion:	53	Resp:	20341
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.0	99.0
51	37.2	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#16

Acetone

Concen: 25.189 ug/l

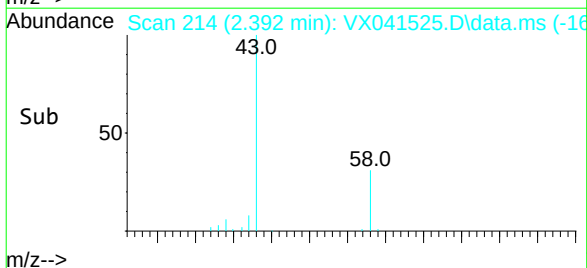
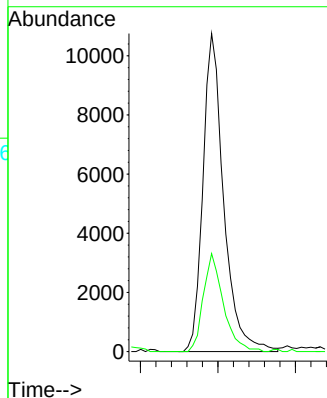
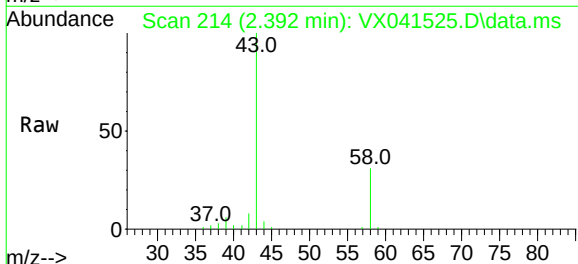
RT: 2.392 min Scan# 214

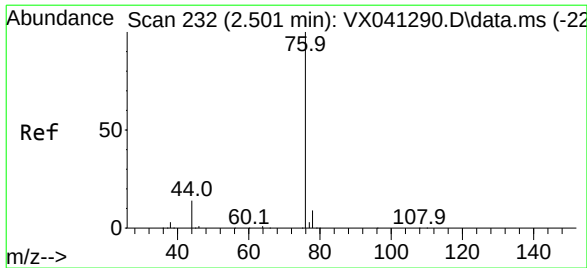
Delta R.T. -0.000 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Tgt Ion:	43	Resp:	19978
Ion	Ratio	Lower	Upper
43	100		
58	30.8	21.9	32.9





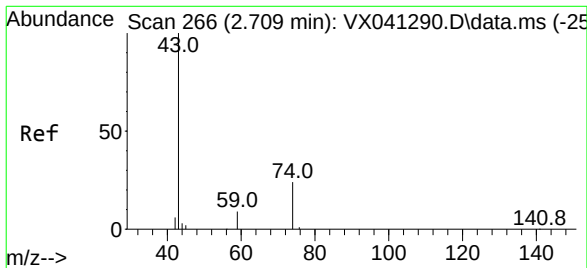
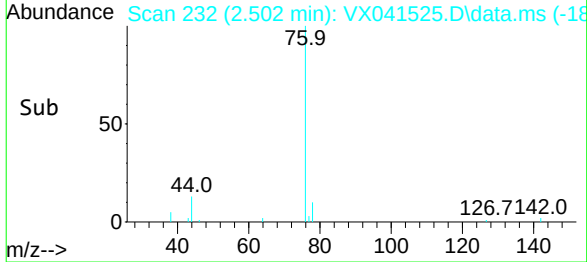
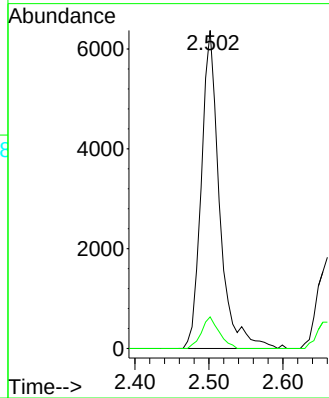
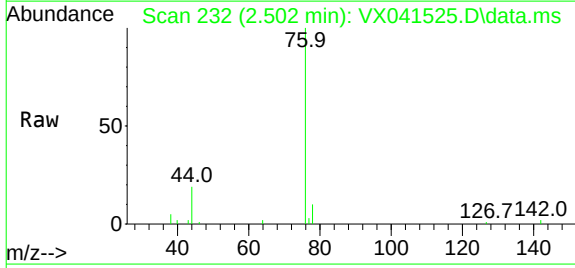
#17
Carbon Disulfide
Concen: 4.289 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.001 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 76 Resp: 10899
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6

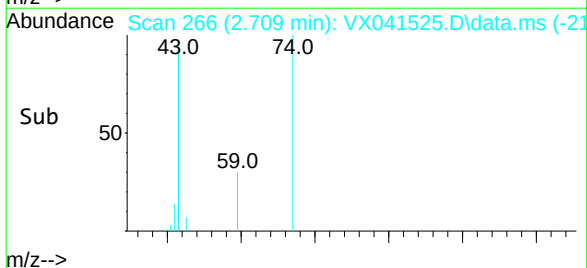
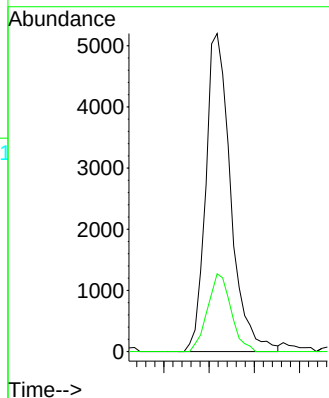
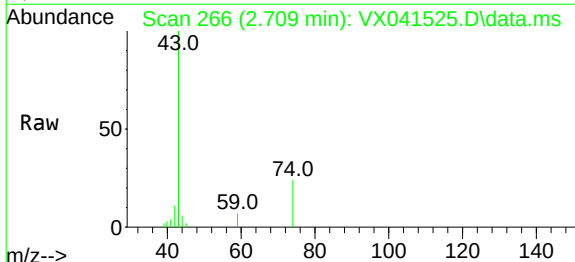
Manual Integrations
APPROVED

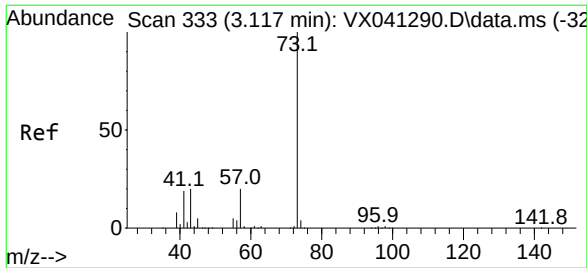
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#18
Methyl Acetate
Concen: 6.401 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Tgt Ion: 43 Resp: 9947
Ion Ratio Lower Upper
43 100
74 23.0 17.8 26.8





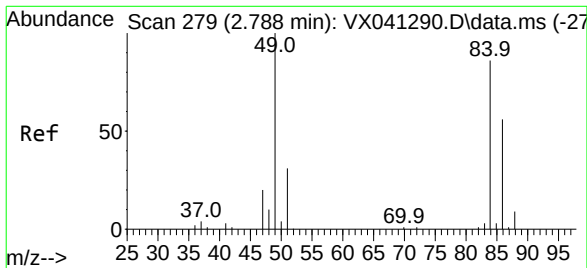
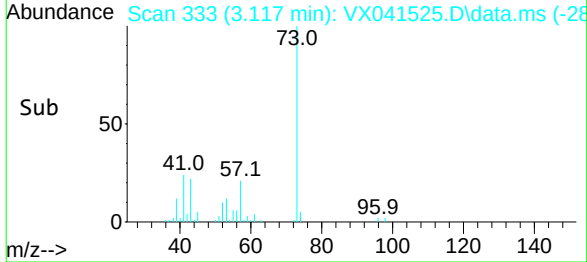
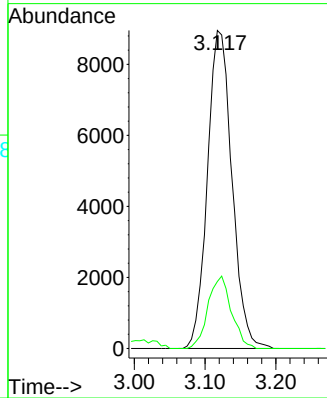
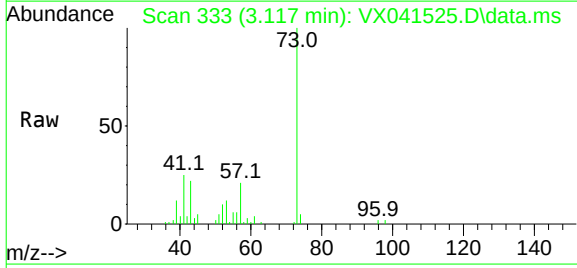
#19
Methyl tert-butyl Ether
Concen: 5.474 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 73 Resp: 21572
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9

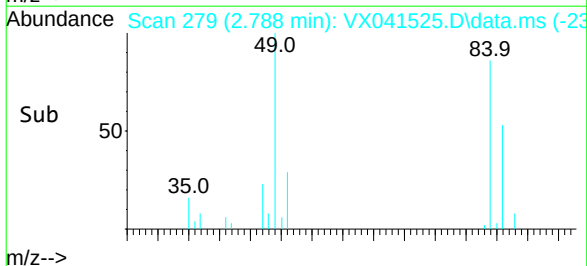
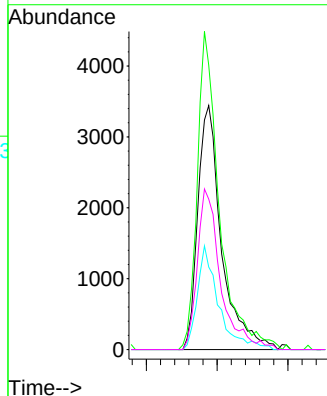
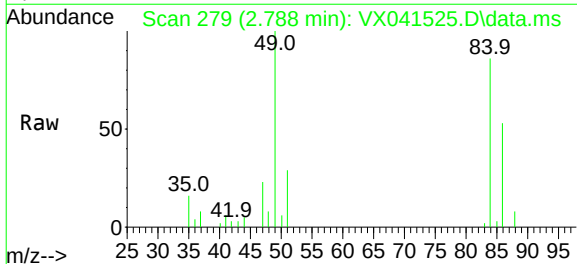
Manual Integrations
APPROVED

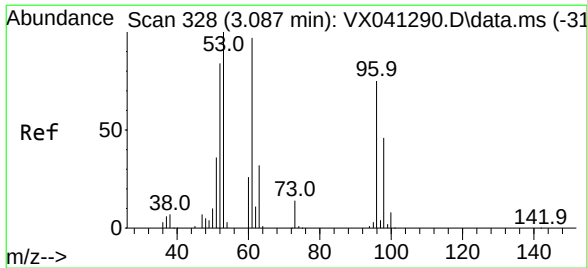
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#20
Methylene Chloride
Concen: 6.090 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Tgt Ion: 84 Resp: 8030
Ion Ratio Lower Upper
84 100
49 116.5 103.6 155.4
51 33.8 33.8 50.6
86 61.6 49.4 74.0





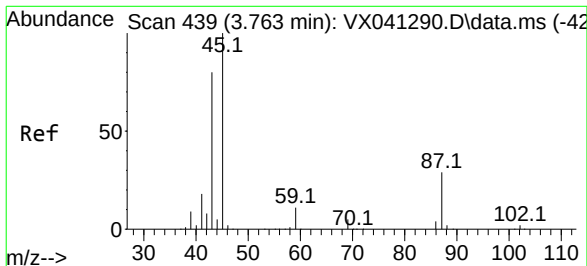
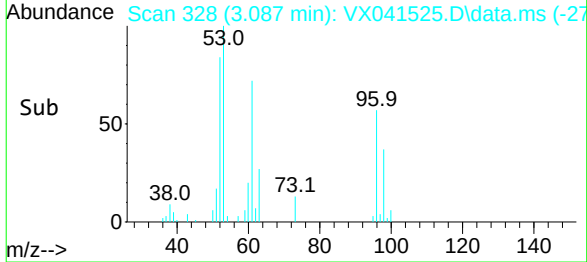
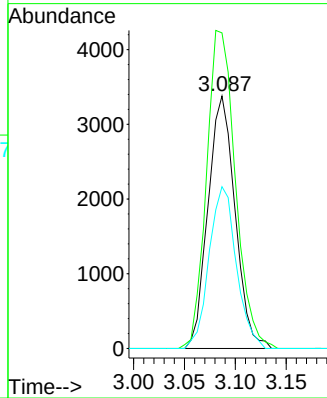
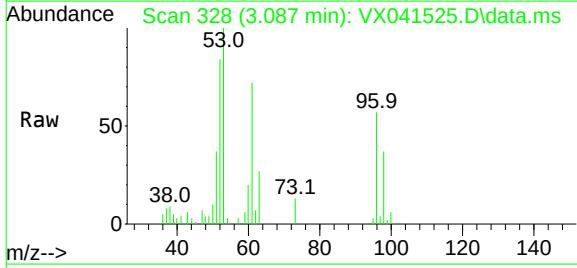
#21
trans-1,2-Dichloroethene
Concen: 5.180 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.000 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion	Ratio	Lower	Upper
96	100		
61	125.0	119.2	178.8
98	64.1	48.7	73.1

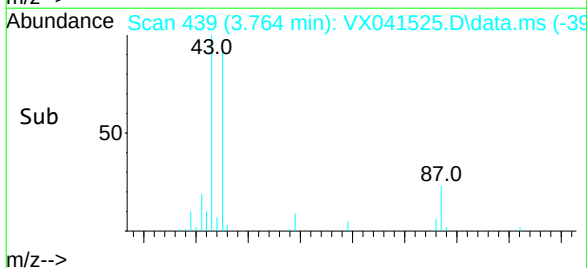
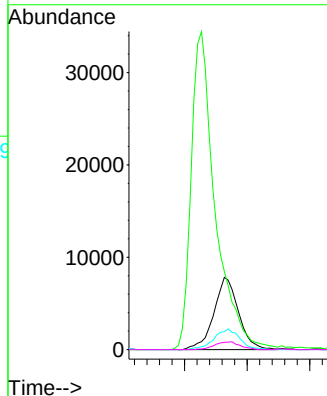
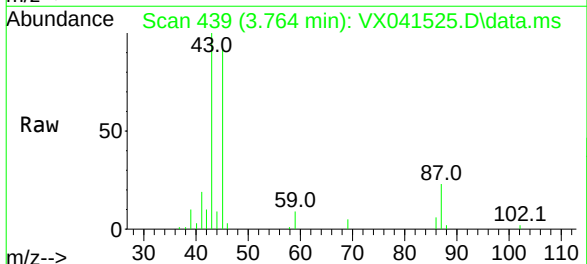
Manual Integrations
APPROVED

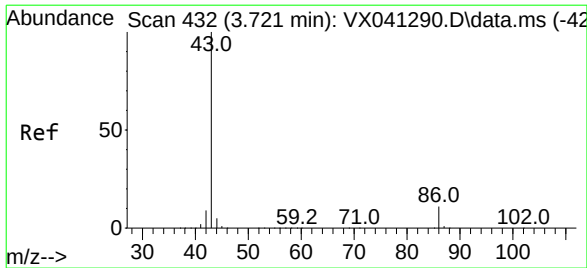
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#22
Diisopropyl ether
Concen: 5.540 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Tgt Ion	Ratio	Lower	Upper
45	100		
43	104.9	69.7	104.5
87	25.0	20.8	31.2
59	10.1	9.0	13.4





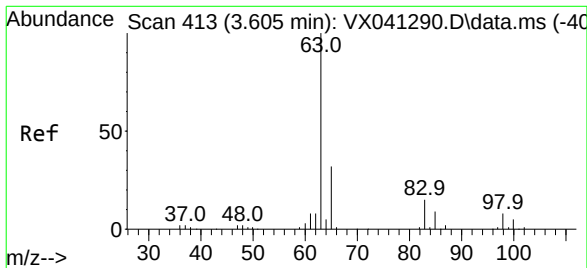
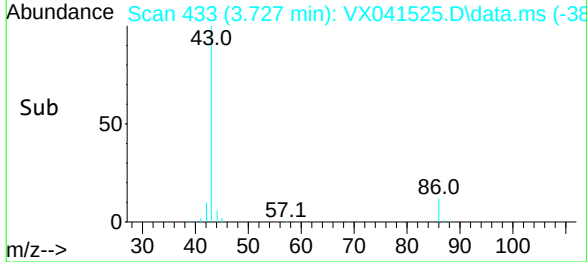
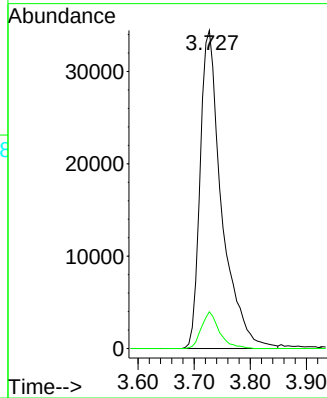
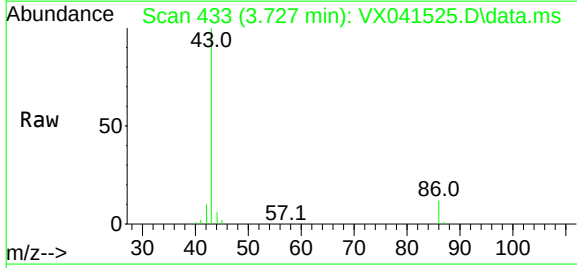
#23
 Vinyl Acetate
 Concen: 26.700 ug/l
 RT: 3.727 min Scan# 433
 Delta R.T. 0.006 min
 Lab File: VX041525.D
 Acq: 14 May 2024 17:31

Instrument : MSVOA_X
 ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion: 43 Resp: 91938
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.8 11.8

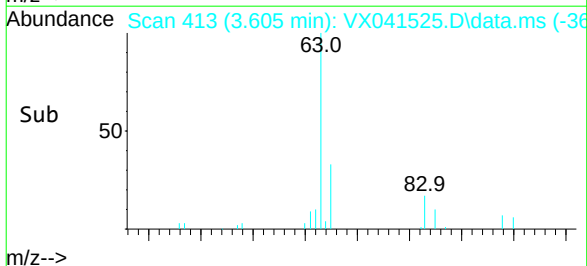
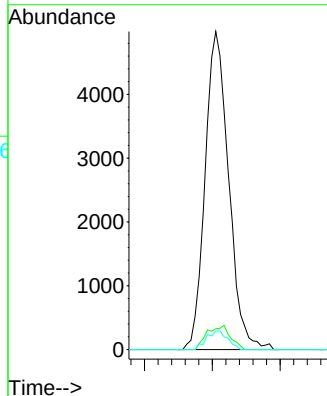
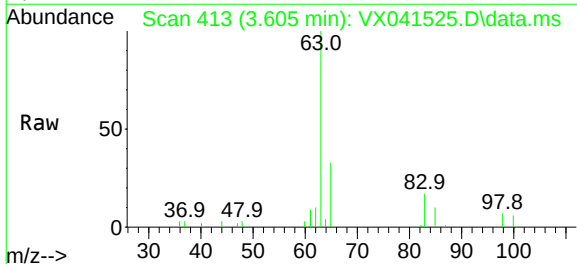
Manual Integrations
 APPROVED

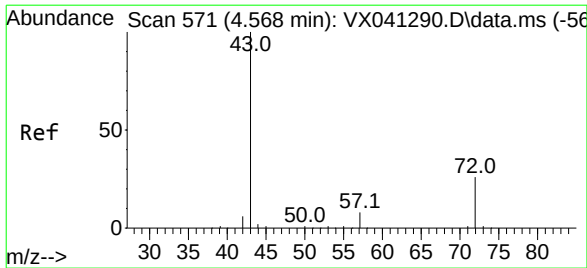
Reviewed By :John Carlone 05/15/2024
 Supervised By :Mahesh Dadoda 05/15/2024



#24
 1,1-Dichloroethane
 Concen: 5.535 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX041525.D
 Acq: 14 May 2024 17:31

Tgt Ion: 63 Resp: 12036
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 5.9 2.1 6.5





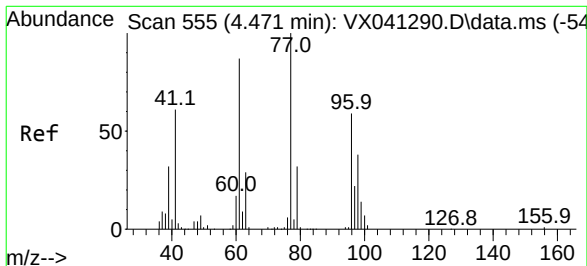
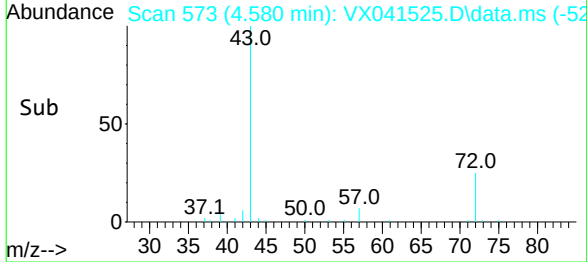
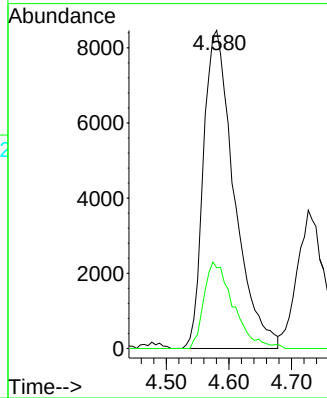
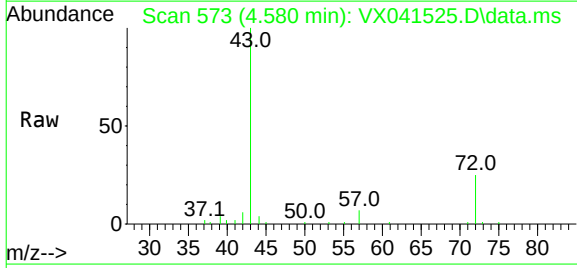
#25
2-Butanone
Concen: 29.355 ug/l
RT: 4.580 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 43 Resp: 28856
Ion Ratio Lower Upper
43 100
72 25.4 19.4 29.2

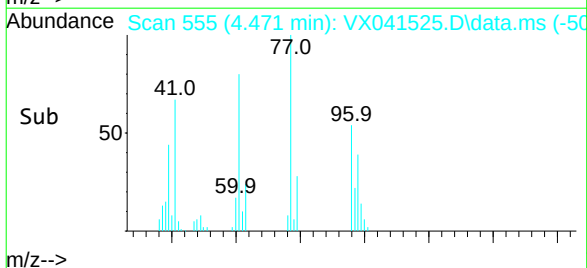
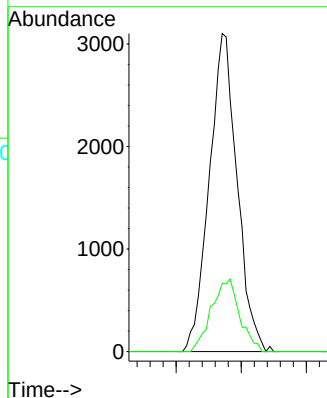
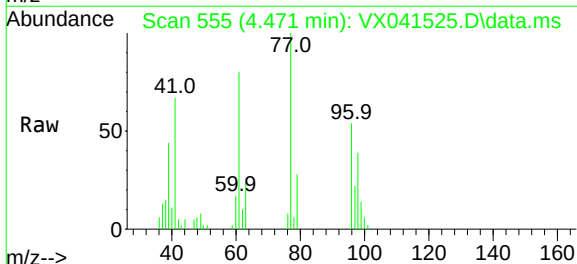
Manual Integrations
APPROVED

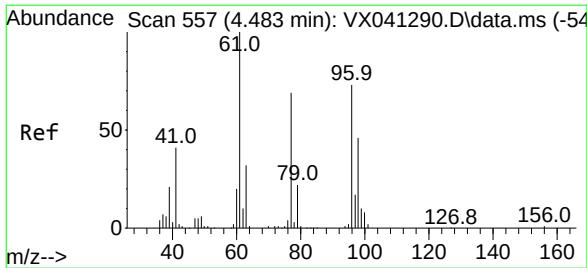
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#26
2,2-Dichloropropane
Concen: 5.069 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

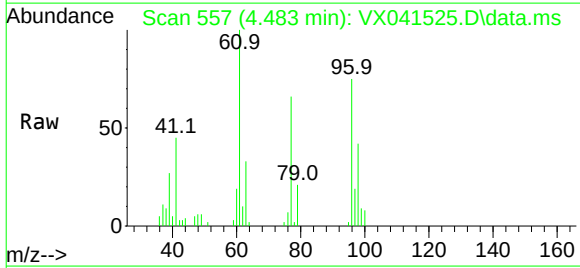
Tgt Ion: 77 Resp: 9217
Ion Ratio Lower Upper
77 100
97 23.0 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 5.572 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

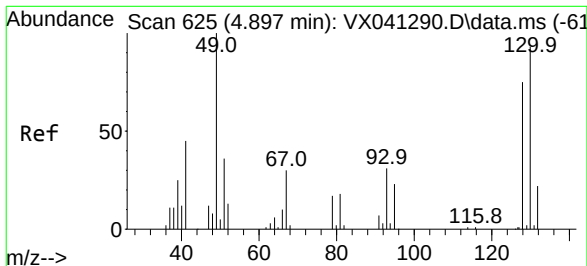
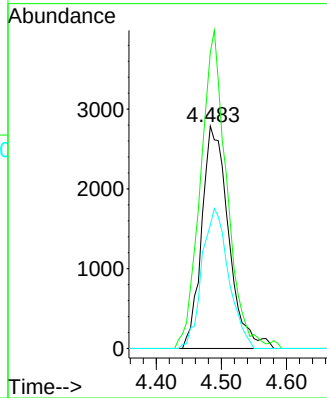
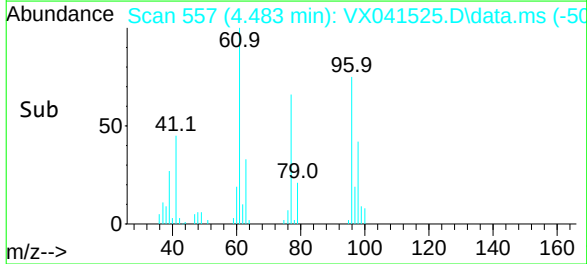
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024



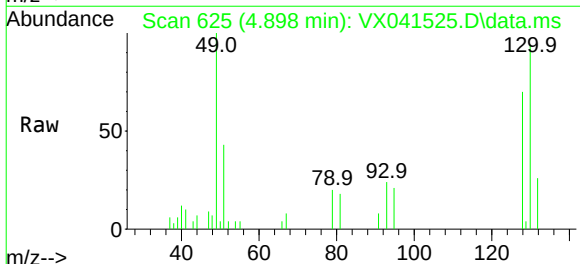
Tgt Ion: 96 Resp: 7971
Ion Ratio Lower Upper
96 100
61 139.6 0.0 312.2
98 62.7 0.0 129.0

Manual Integrations
APPROVED

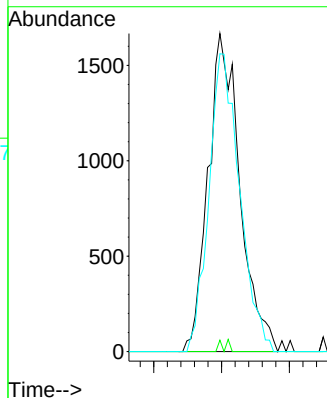
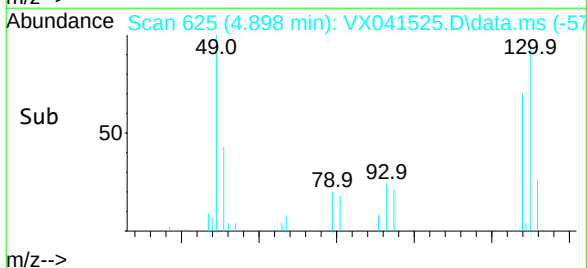
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

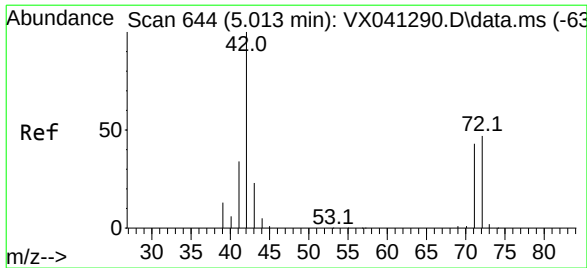


#28
Bromochloromethane
Concen: 6.987 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.001 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31



Tgt Ion: 49 Resp: 5423
Ion Ratio Lower Upper
49 100
129 0.8 0.0 3.8
130 90.7 57.5 86.3#





#29

Tetrahydrofuran

Concen: 28.444 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Instrument :

MSVOA_X

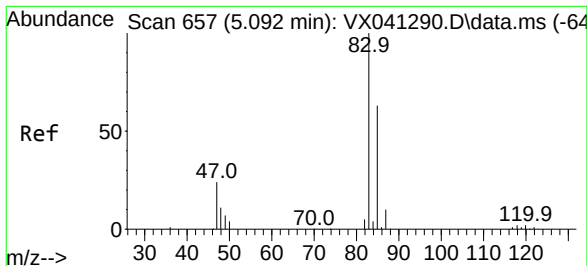
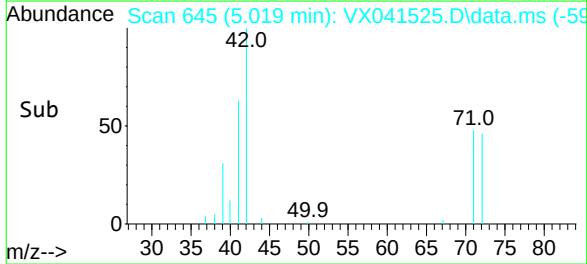
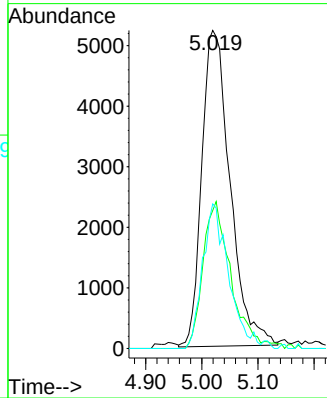
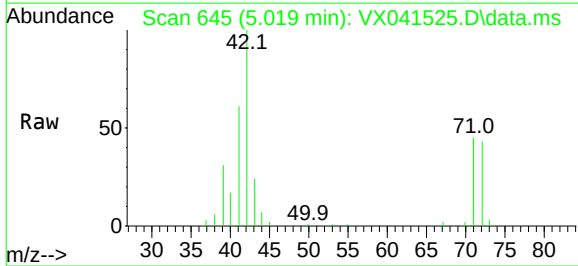
ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt	Ion:	42	Resp:	18286
Ion	Ratio	Lower	Upper	
42	100			
72	45.8	34.2	51.4	
71	42.0	32.2	48.2	

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#30

Chloroform

Concen: 5.768 ug/l

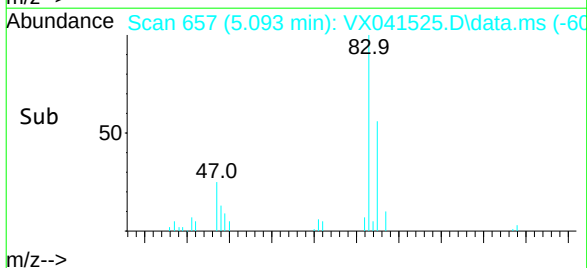
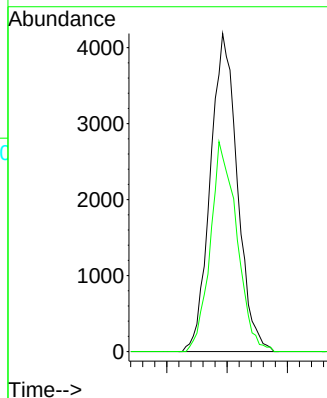
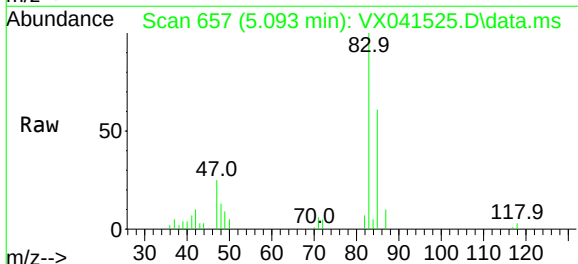
RT: 5.093 min Scan# 657

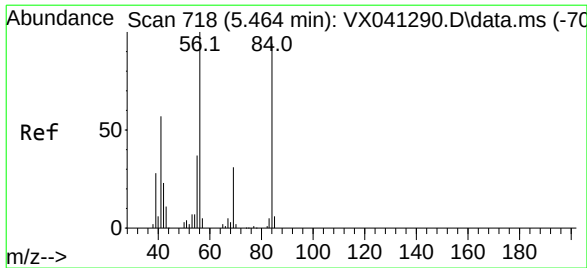
Delta R.T. 0.000 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Tgt	Ion:	83	Resp:	13050
Ion	Ratio	Lower	Upper	
83	100			
85	61.2	50.3	75.5	





#31

Cyclohexane

Concen: 5.294 ug/l

RT: 5.471 min Scan# 718

Delta R.T. 0.006 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Instrument :

MSVOA_X

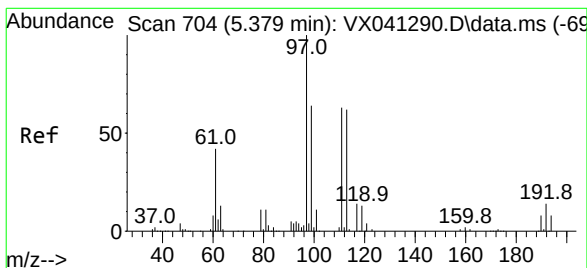
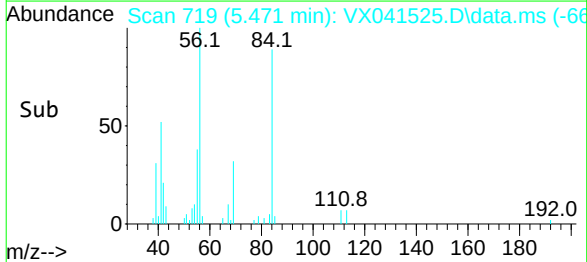
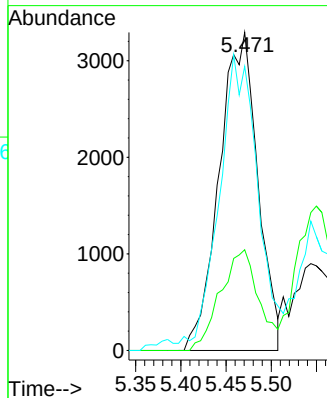
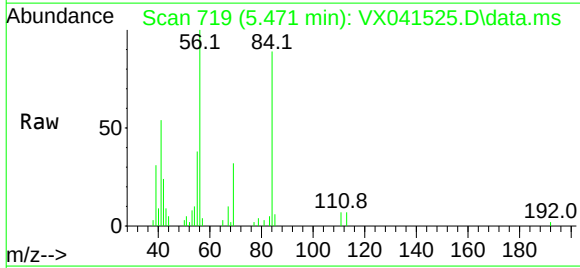
ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:	56	Resp:	9705
Ion	Ratio	Lower	Upper
56	100		
69	31.7	23.4	35.2
84	87.1	65.9	98.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#32

1,1,1-Trichloroethane

Concen: 5.371 ug/l

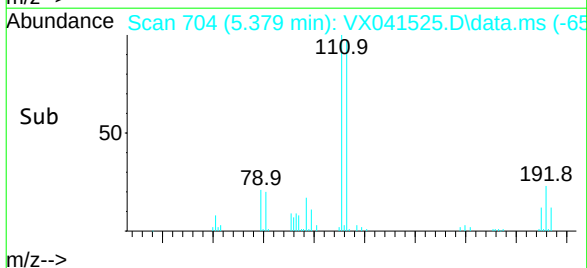
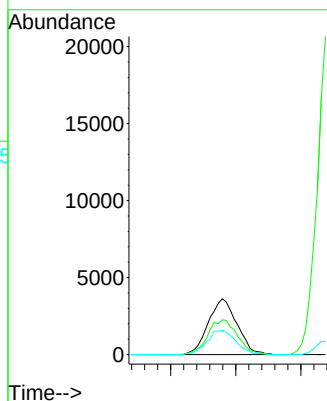
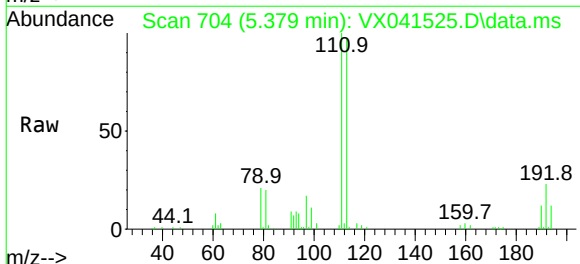
RT: 5.379 min Scan# 704

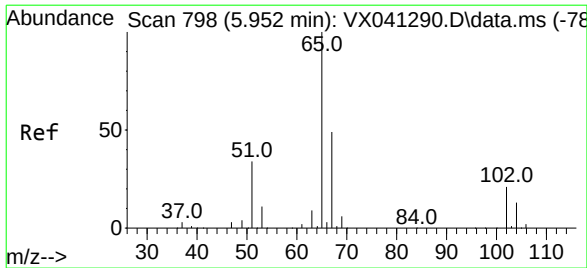
Delta R.T. 0.000 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Tgt Ion:	97	Resp:	11055
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.1	76.7
61	44.1	36.4	54.6





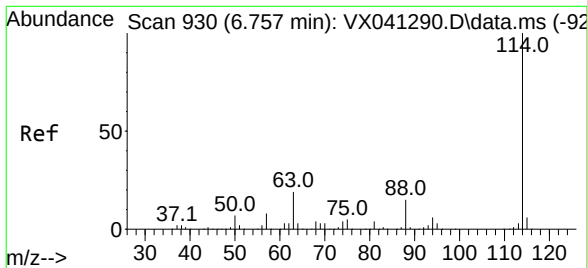
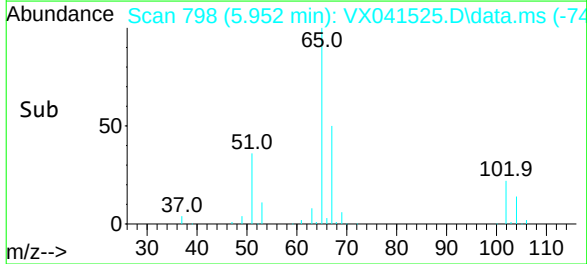
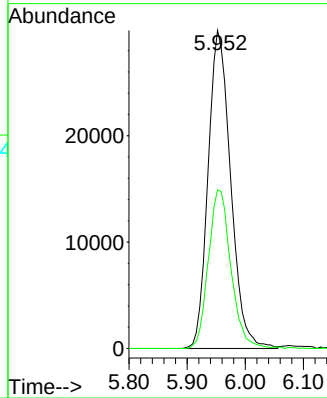
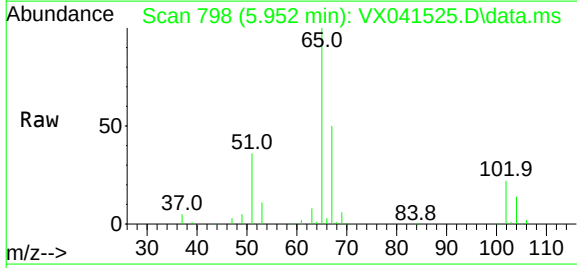
#33
1,2-Dichloroethane-d4
Concen: 53.130 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 65 Resp: 80693
Ion Ratio Lower Upper
65 100
67 49.7 0.0 100.2

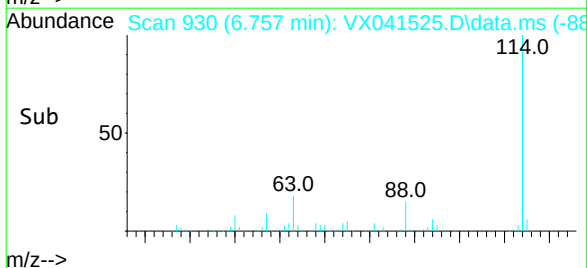
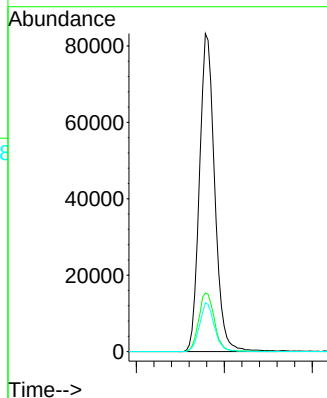
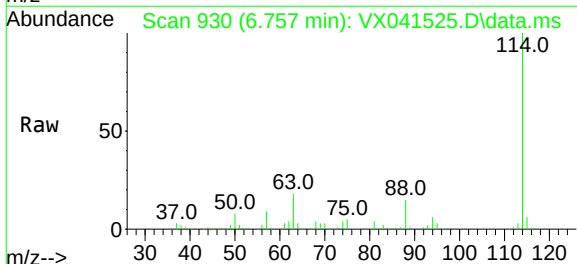
Manual Integrations
APPROVED

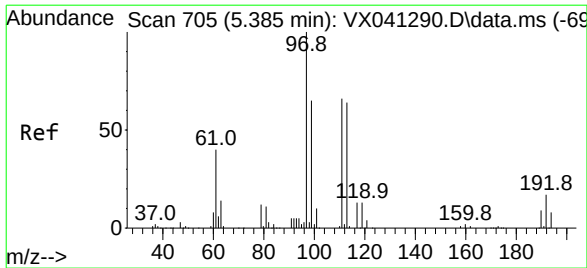
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

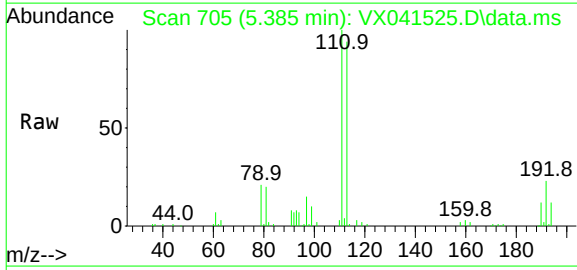
Tgt Ion:114 Resp: 200445
Ion Ratio Lower Upper
114 100
63 18.4 0.0 45.0
88 15.3 0.0 36.6





#35
Dibromofluoromethane
Concen: 46.477 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

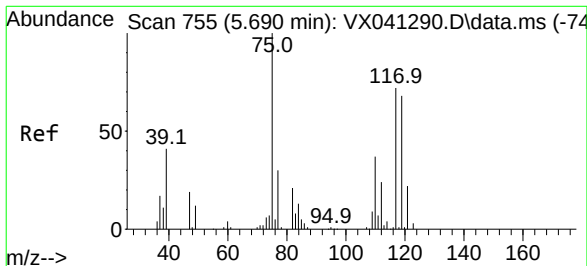
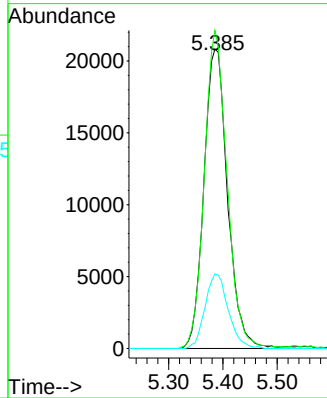
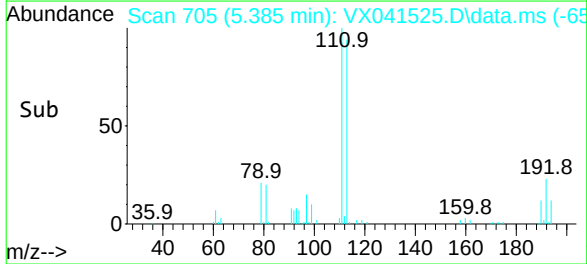
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:113 Resp: 63132
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 24.4 13.3 19.9#

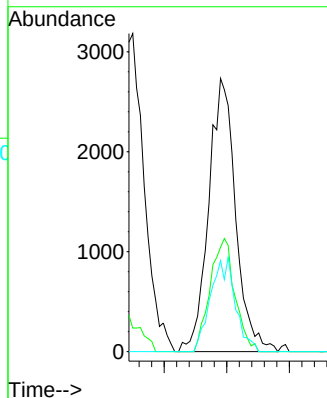
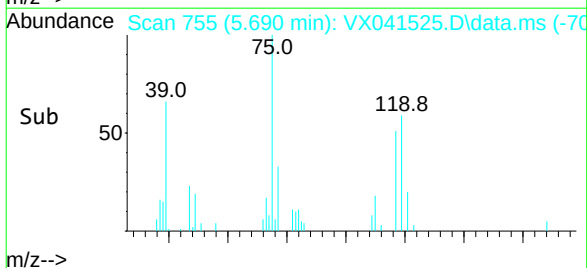
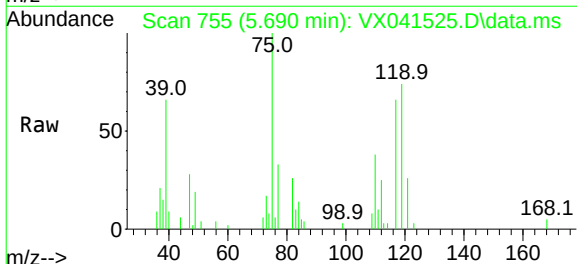
Manual Integrations
APPROVED

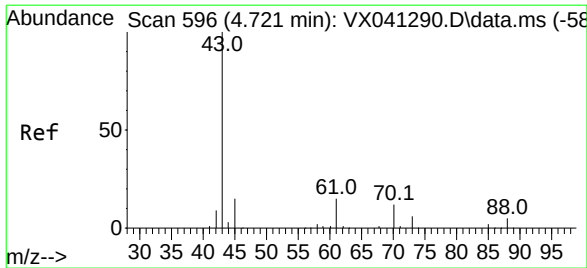
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#36
1,1-Dichloropropene
Concen: 5.040 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Tgt Ion: 75 Resp: 8186
Ion Ratio Lower Upper
75 100
110 37.9 17.0 50.9
77 31.4 24.7 37.1





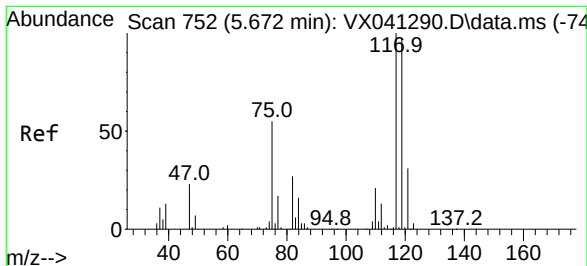
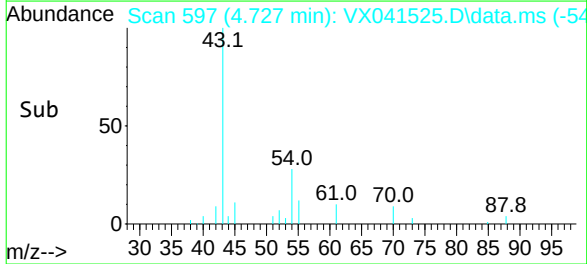
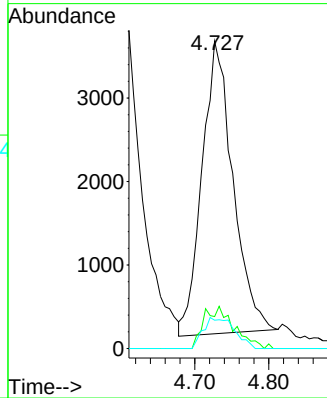
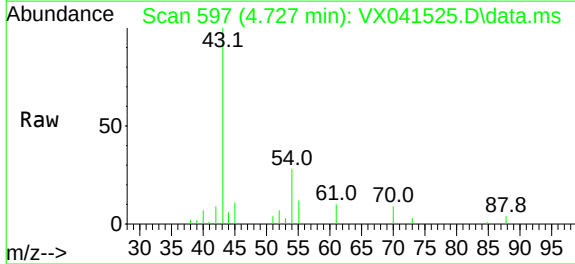
#37
Ethyl Acetate
Concen: 5.027 ug/l
RT: 4.727 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion:	43	Resp:	10189
Ion	Ratio	Lower	Upper
43	100		
61	5.8	10.6	16.0
70	10.6	8.3	12.5

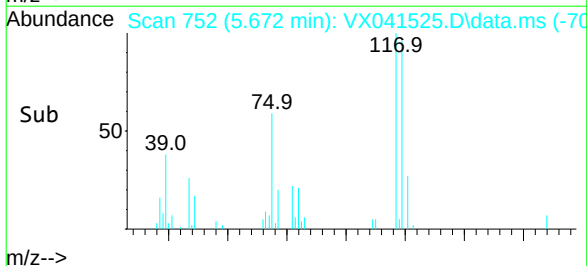
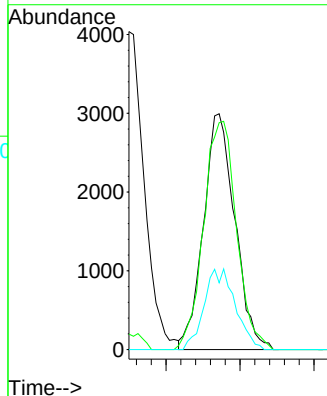
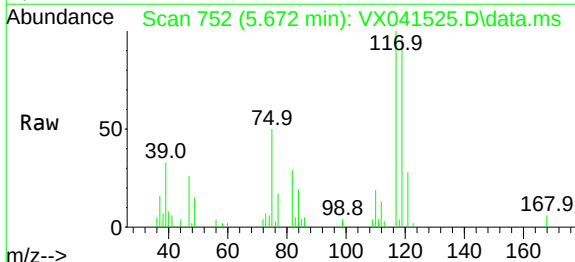
Manual Integrations
APPROVED

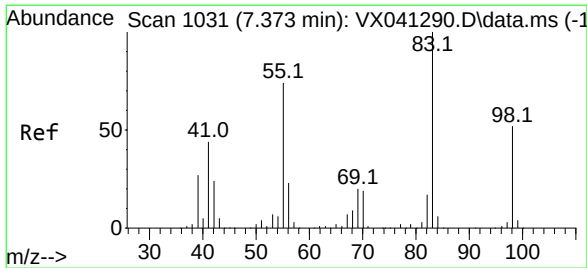
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#38
Carbon Tetrachloride
Concen: 4.753 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Tgt Ion:	117	Resp:	8844
Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.2	117.2
121	28.3	24.4	36.6





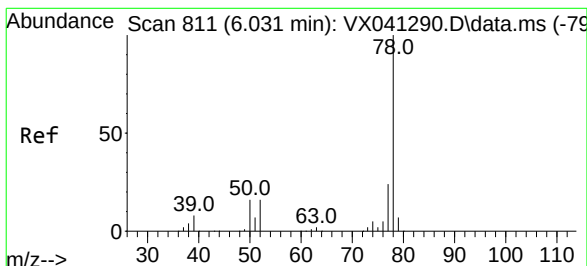
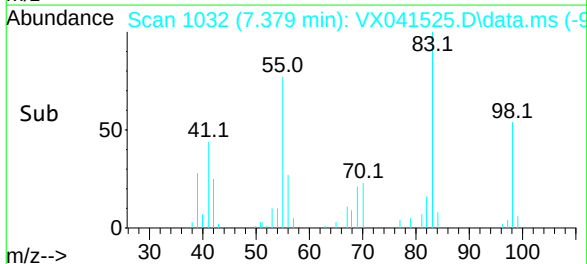
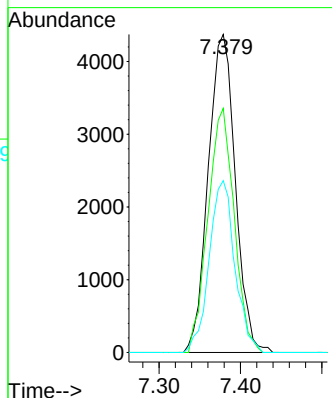
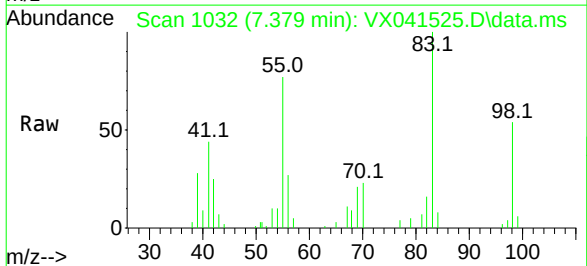
#39
Methylcyclohexane
Concen: 5.306 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion	83	Resp	10125
Ion	Ratio	Lower	Upper
83	100		
55	76.7	64.6	97.0
98	54.0	36.7	55.1

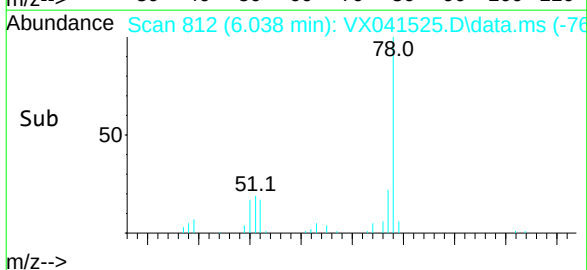
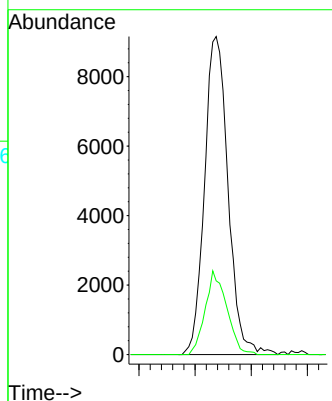
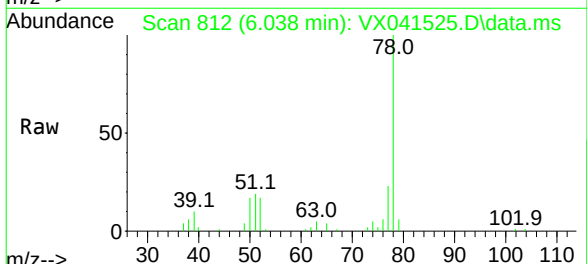
Manual Integrations
APPROVED

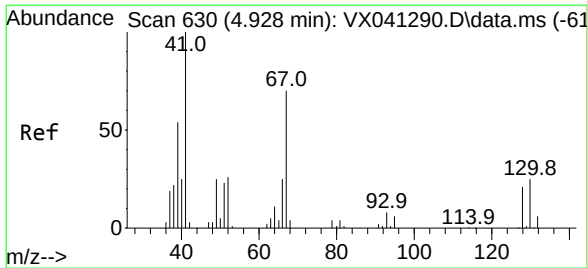
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#40
Benzene
Concen: 5.326 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Tgt Ion	78	Resp	26668
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.3	28.9





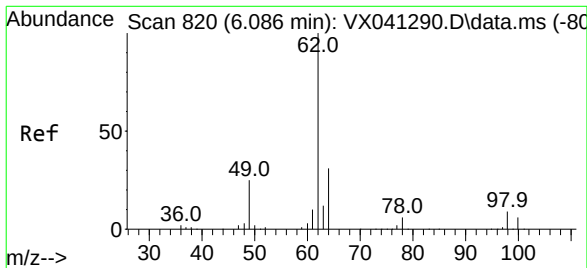
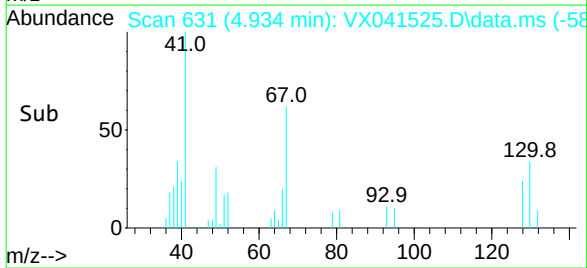
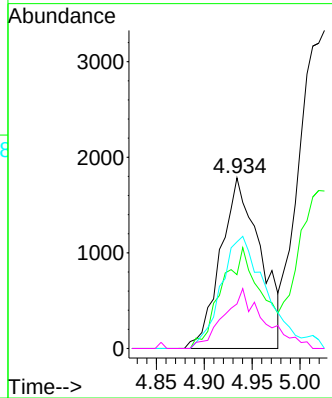
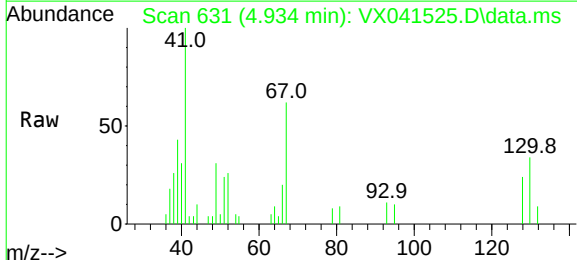
#41
Methacrylonitrile
Concen: 4.930 ug/l
RT: 4.934 min Scan# 631
Delta R.T. 0.006 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion:	41	Resp:	5142
Ion	Ratio	Lower	Upper
41	100		
39	59.1	45.2	67.8
67	75.8	52.6	78.8
52	35.7	22.7	34.1#

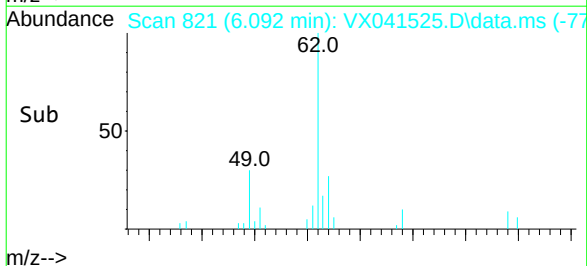
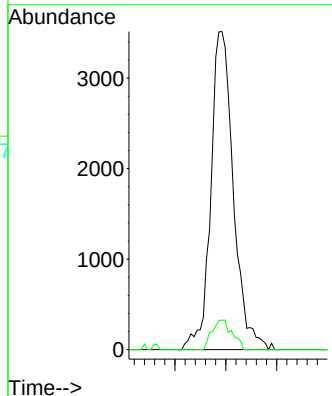
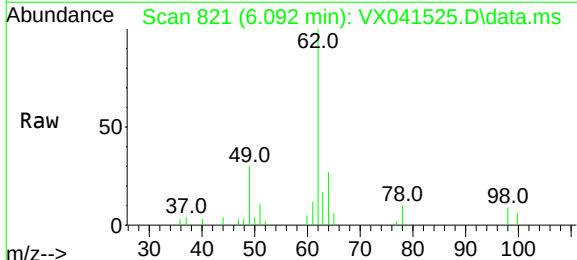
Manual Integrations
APPROVED

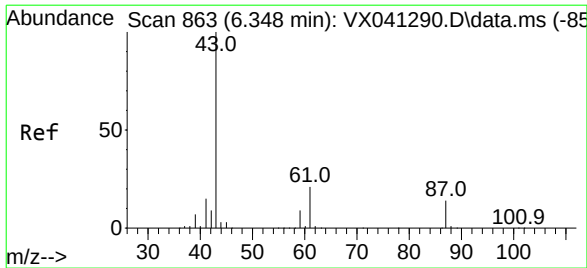
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#42
1,2-Dichloroethane
Concen: 5.914 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Tgt Ion:	62	Resp:	10853
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.0





#43

Isopropyl Acetate

Concen: 5.270 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.000 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Instrument :

MSVOA_X

ClientSampleId :

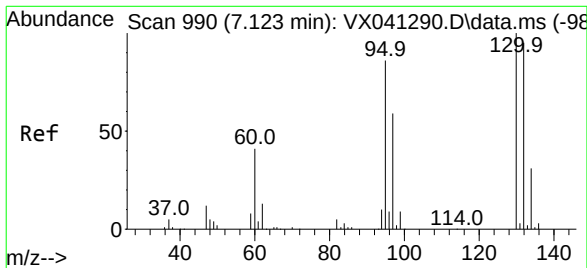
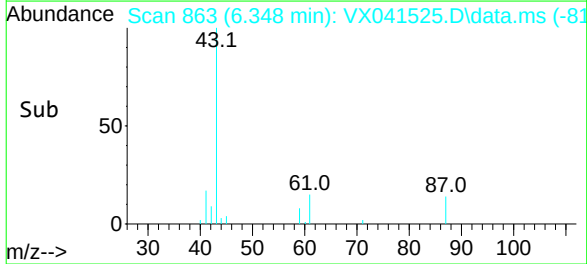
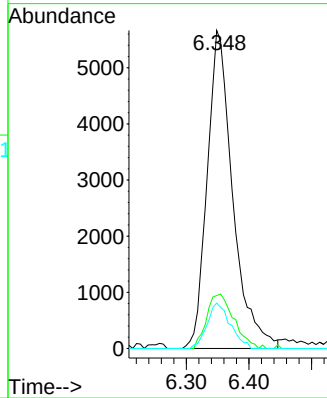
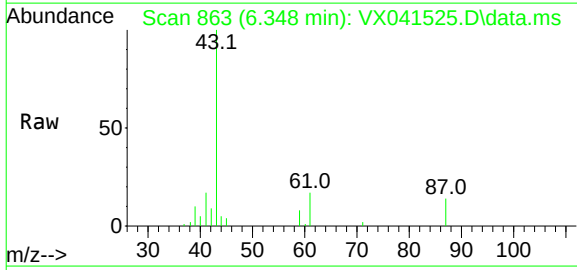
LOQ-WATER-02-QT2-2024

Tgt Ion:	43	Resp:	16058
Ion	Ratio	Lower	Upper
43	100		
61	18.2	15.2	22.8
87	13.0	9.8	14.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#44

Trichloroethene

Concen: 5.576 ug/l

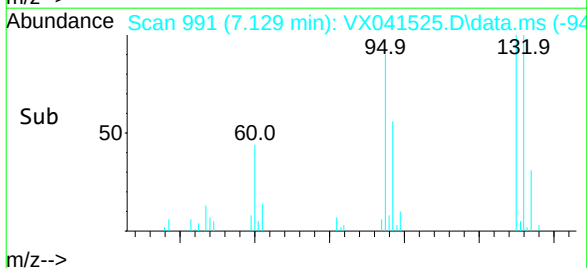
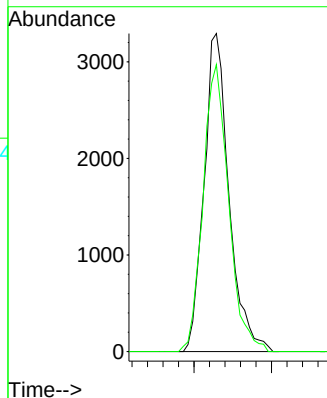
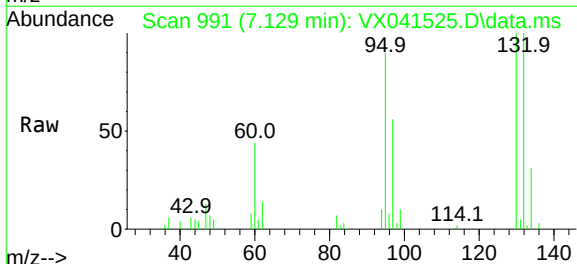
RT: 7.129 min Scan# 991

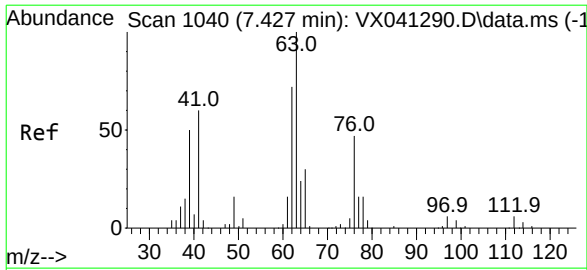
Delta R.T. 0.006 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Tgt Ion:	130	Resp:	7373
Ion	Ratio	Lower	Upper
130	100		
95	90.2	0.0	204.4





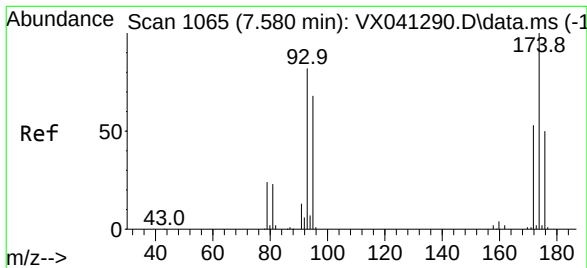
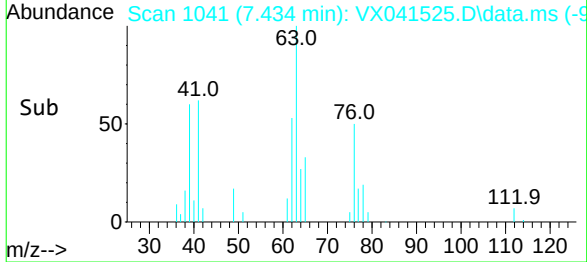
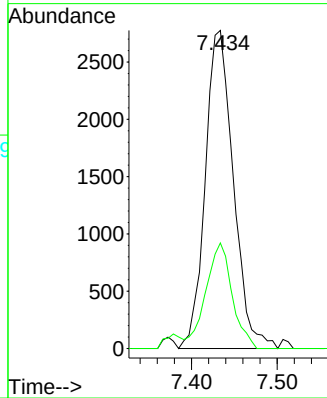
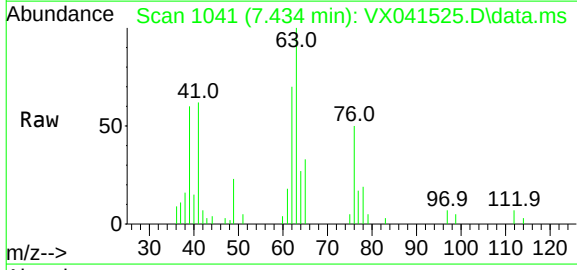
#45
1,2-Dichloropropane
Concen: 5.653 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 63 Resp: 6324
Ion Ratio Lower Upper
63 100
65 33.2 24.3 36.5

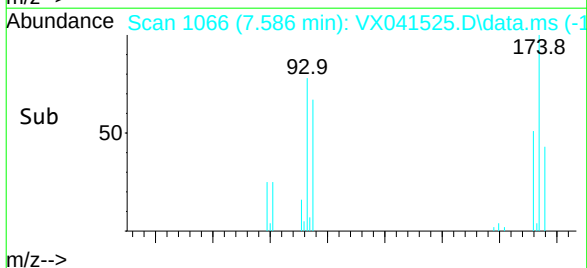
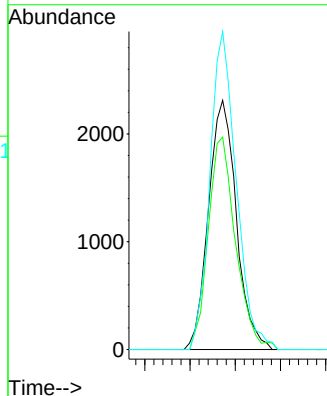
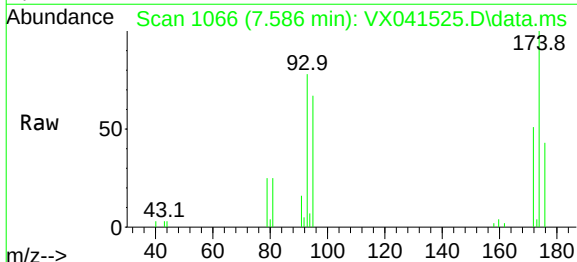
Manual Integrations
APPROVED

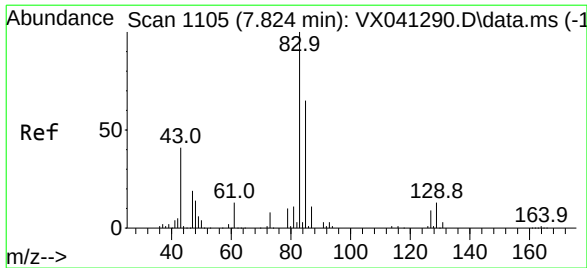
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#46
Dibromomethane
Concen: 5.560 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Tgt Ion: 93 Resp: 4952
Ion Ratio Lower Upper
93 100
95 83.4 66.6 100.0
174 120.4 69.4 104.0#





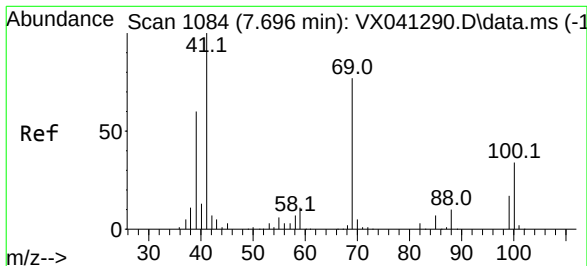
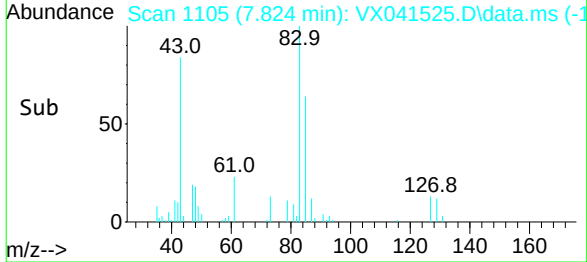
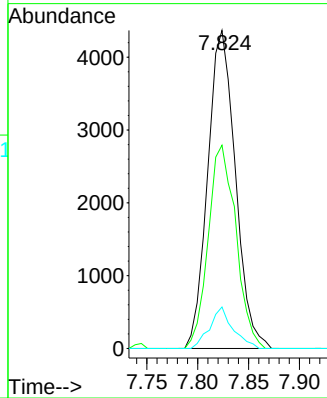
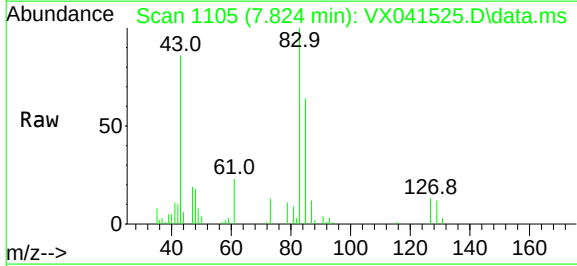
#47
Bromodichloromethane
Concen: 5.213 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion	83	Resp	8273
Ion	Ratio	Lower	Upper
83	100		
85	63.9	49.8	74.6
127	13.0	7.1	10.7

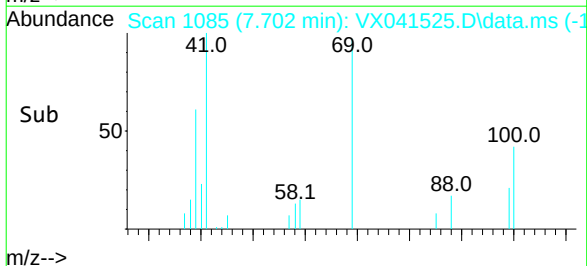
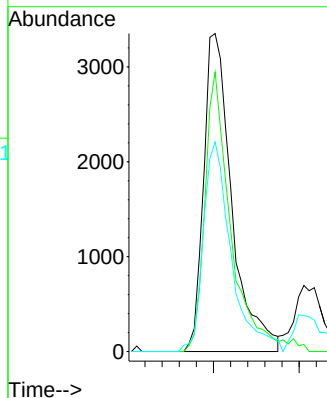
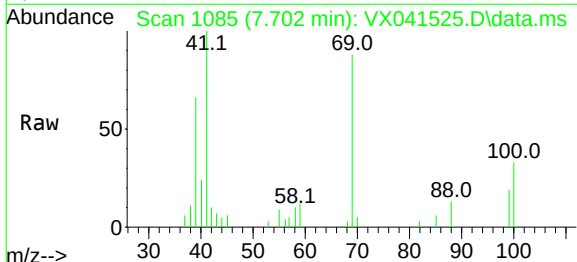
Manual Integrations
APPROVED

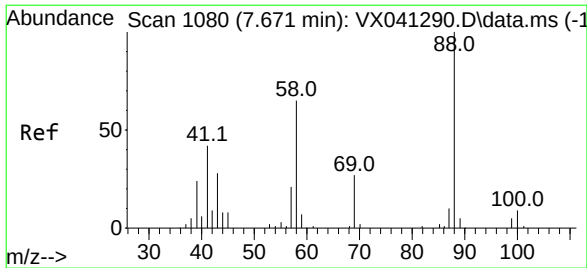
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#48
Methyl methacrylate
Concen: 5.487 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

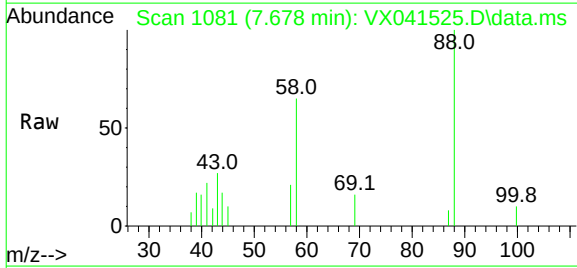
Tgt Ion	41	Resp	7665
Ion	Ratio	Lower	Upper
41	100		
69	81.1	59.2	88.8
39	65.2	47.7	71.5





#49
1,4-Dioxane
Concen: 90.164 ug/l
RT: 7.678 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

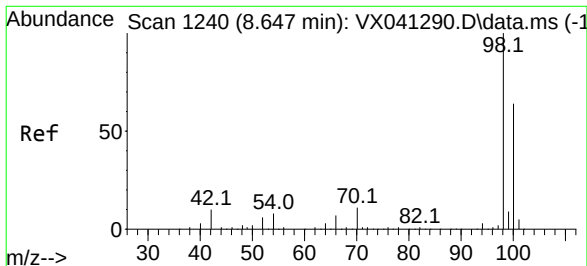
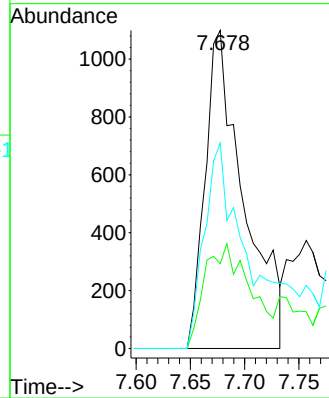
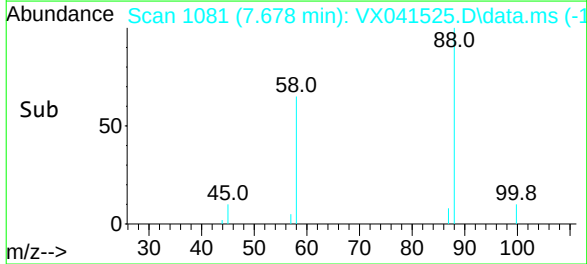
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion: 88 Resp: 2723
Ion Ratio Lower Upper
88 100
43 15.5 0.0 0.0#
58 83.5 60.1 90.1

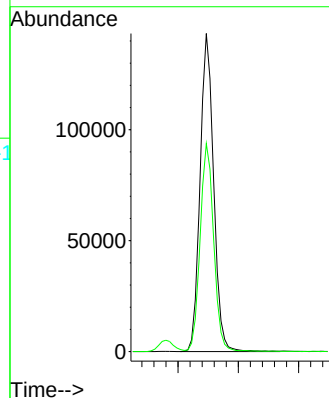
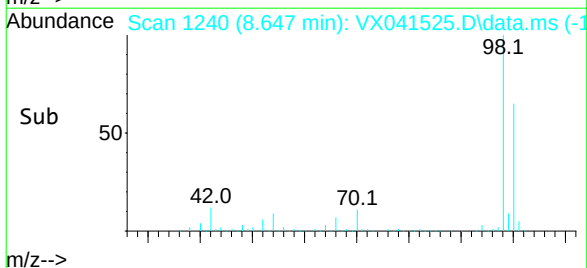
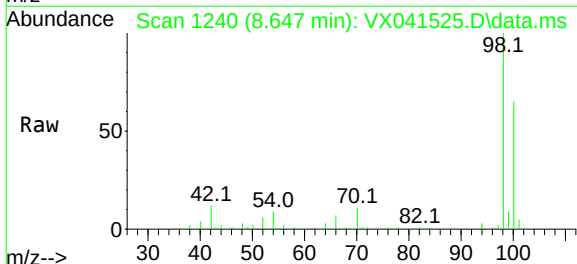
Manual Integrations
APPROVED

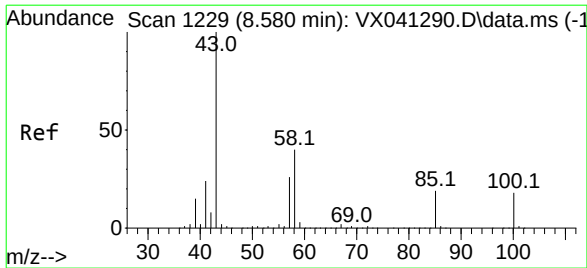
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#50
Toluene-d8
Concen: 52.106 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Tgt Ion: 98 Resp: 224020
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7





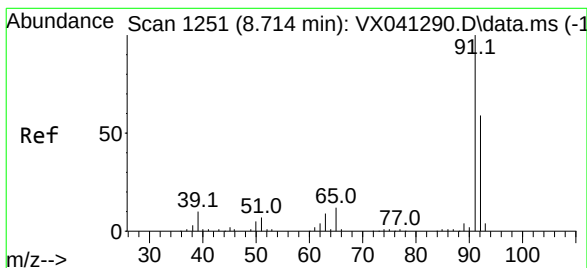
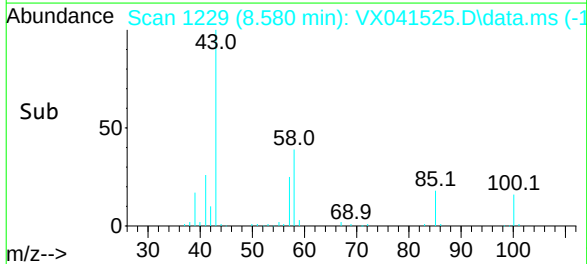
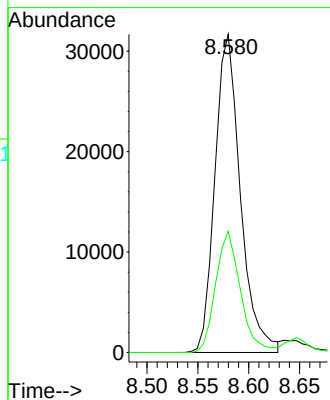
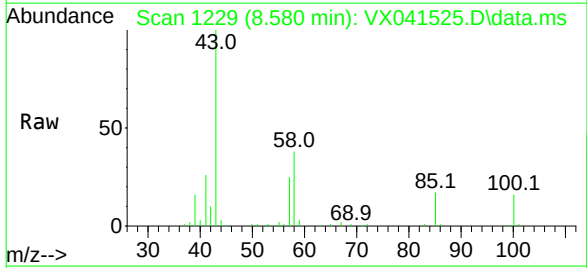
#51
4-Methyl-2-Pentanone
Concen: 30.143 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion: 43 Resp: 55116
Ion Ratio Lower Upper
43 100
58 36.9 30.4 45.6

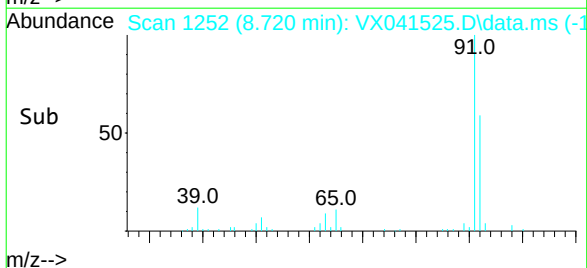
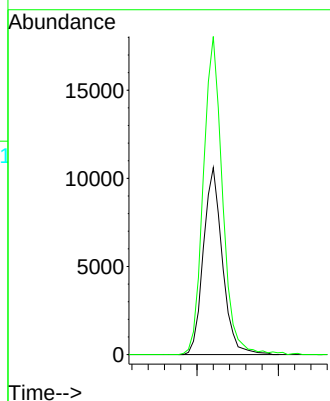
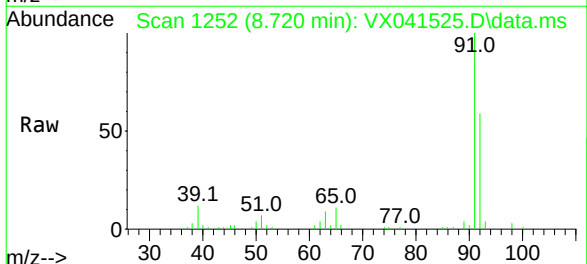
Manual Integrations
APPROVED

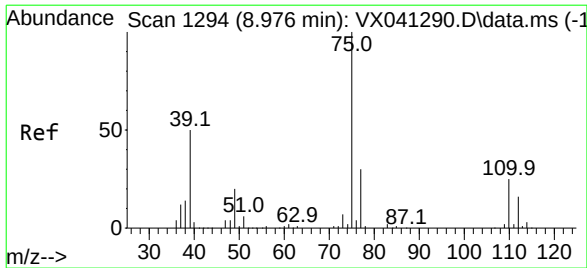
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#52
Toluene
Concen: 5.614 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

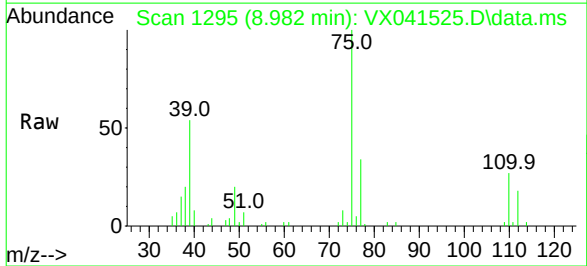
Tgt Ion: 92 Resp: 17195
Ion Ratio Lower Upper
92 100
91 171.6 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 4.682 ug/l
RT: 8.982 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

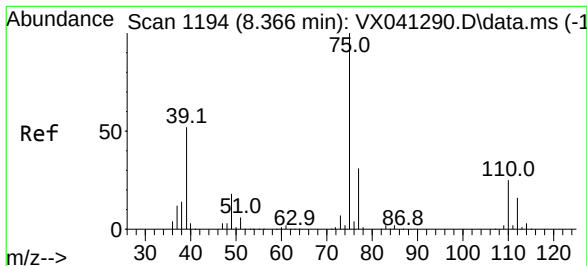
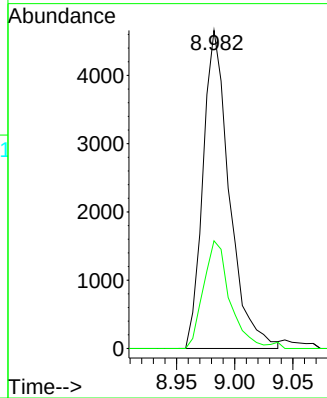
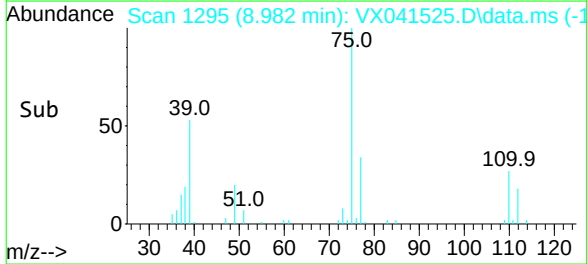
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024



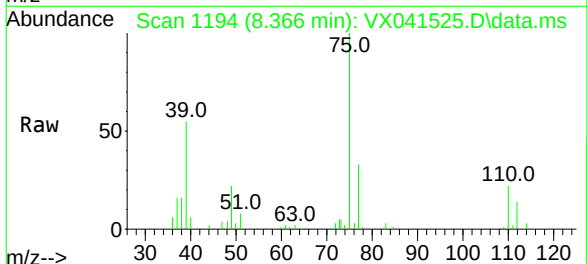
Tgt Ion: 75 Resp: 7362
Ion Ratio Lower Upper
75 100
77 33.8 25.7 38.5

Manual Integrations
APPROVED

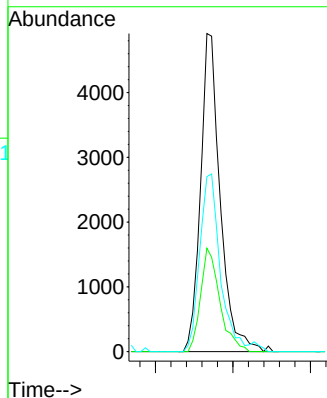
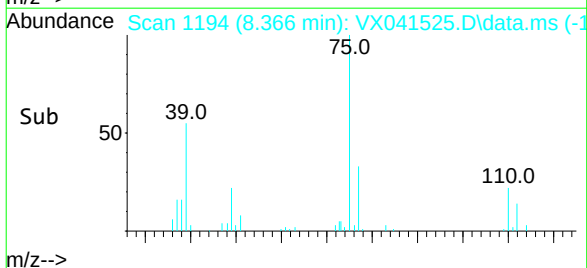
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

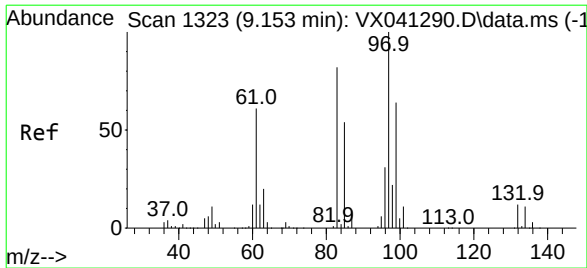


#54
cis-1,3-Dichloropropene
Concen: 4.966 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31



Tgt Ion: 75 Resp: 8665
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9
39 55.0 46.7 70.1





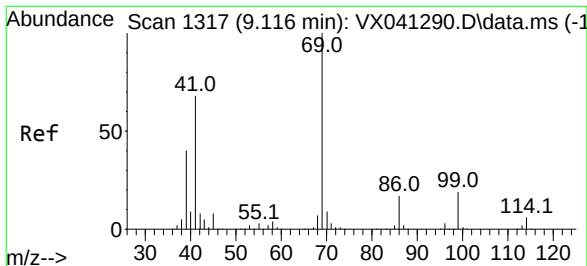
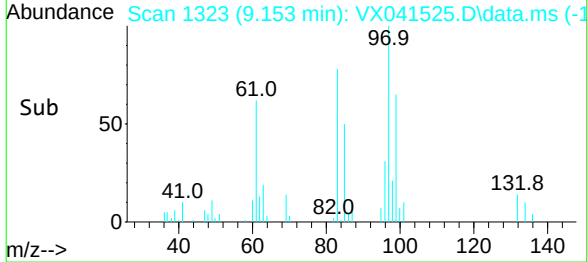
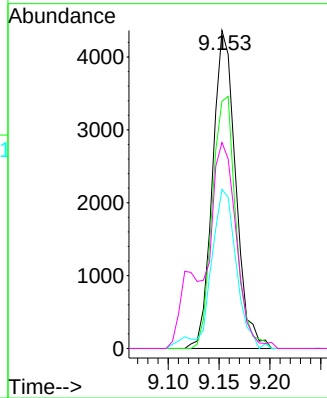
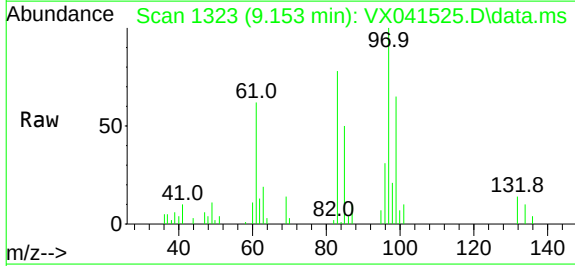
#55
1,1,2-Trichloroethane
Concen: 5.846 ug/l
RT: 9.153 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion:	97	Resp:	6896
Ion	Ratio	Lower	Upper
97	100		
83	77.8	65.8	98.8
85	50.0	41.6	62.4
99	64.8	47.8	71.8

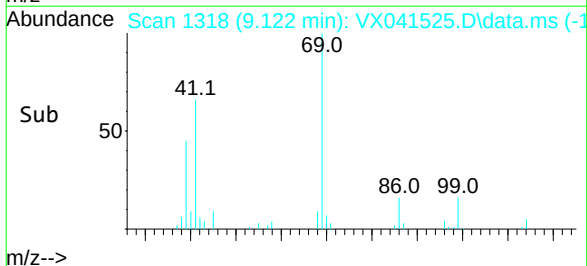
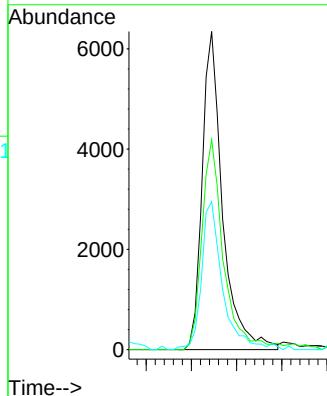
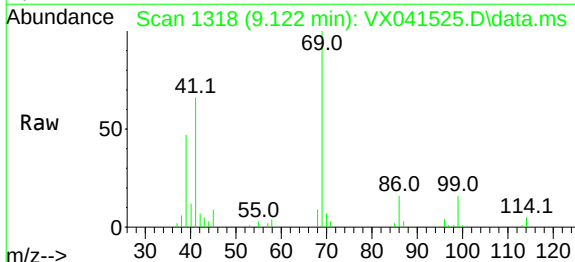
Manual Integrations
APPROVED

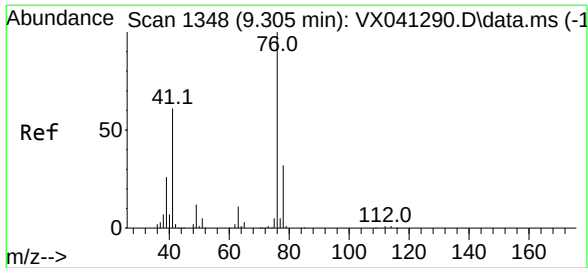
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#56
Ethyl methacrylate
Concen: 5.440 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

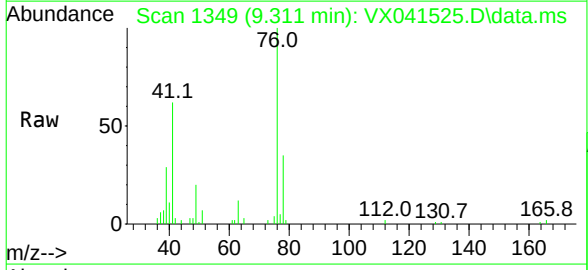
Tgt Ion:	69	Resp:	9932
Ion	Ratio	Lower	Upper
69	100		
41	69.8	56.8	85.2
39	47.8	32.0	48.0





#57
1,3-Dichloropropane
Concen: 5.775 ug/l
RT: 9.311 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

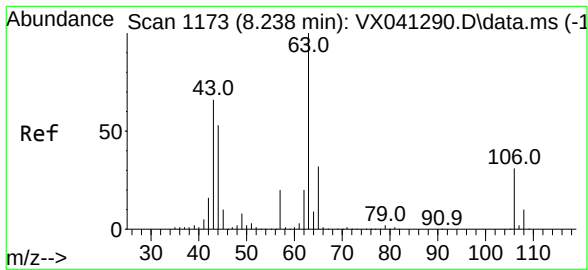
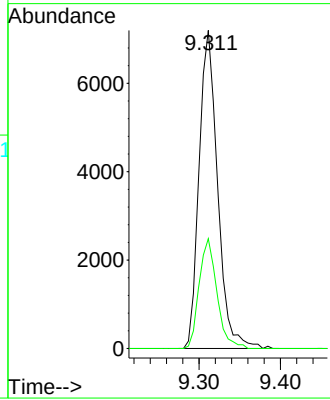
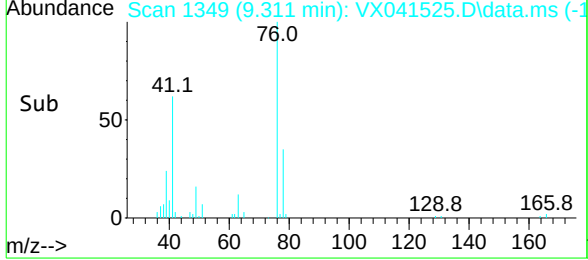
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion:	76	Resp:	11369
Ion	Ratio	Lower	Upper
76	100		
78	33.2	26.1	39.1

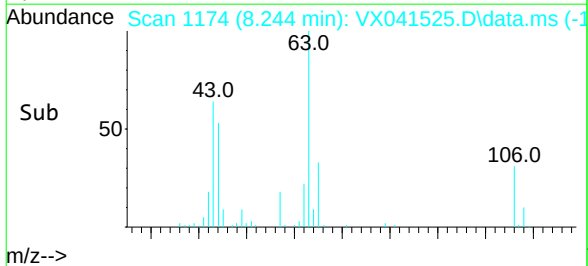
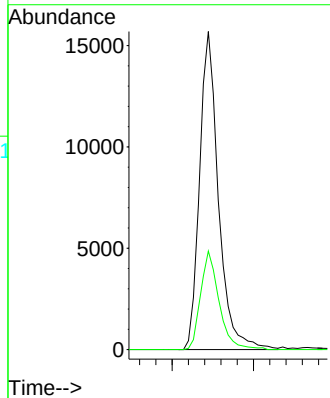
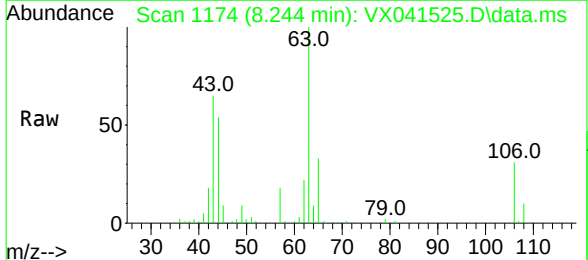
Manual Integrations
APPROVED

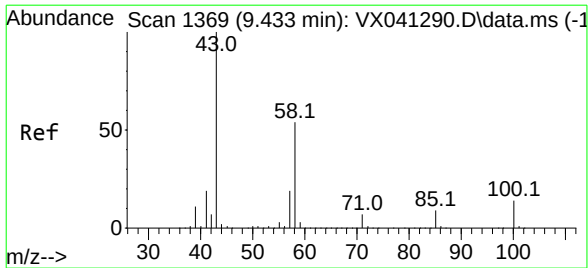
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#58
2-Chloroethyl Vinyl ether
Concen: 28.579 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Tgt Ion:	63	Resp:	25298
Ion	Ratio	Lower	Upper
63	100		
106	30.3	22.5	33.7





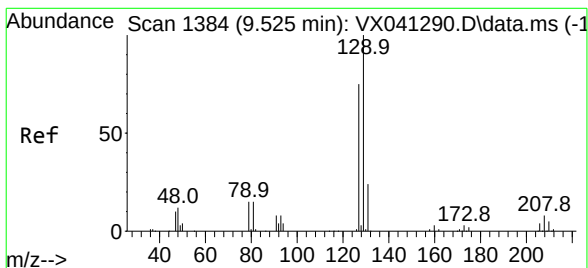
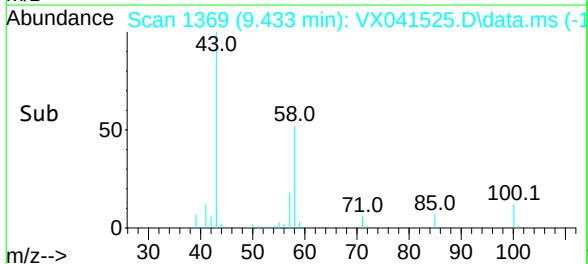
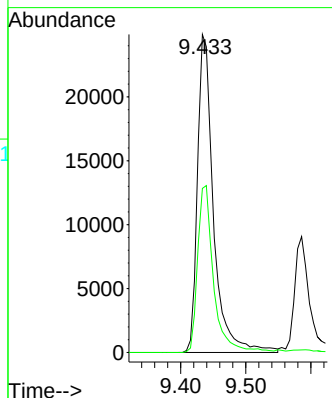
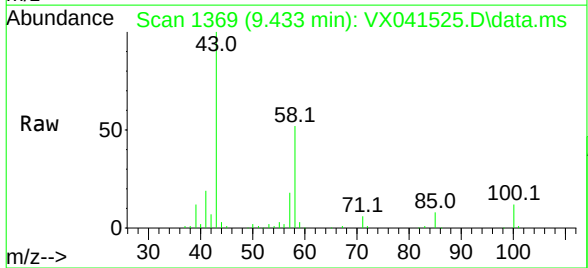
#59
2-Hexanone
Concen: 29.054 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion: 43 Resp: 42480
Ion Ratio Lower Upper
43 100
58 52.4 26.2 78.5

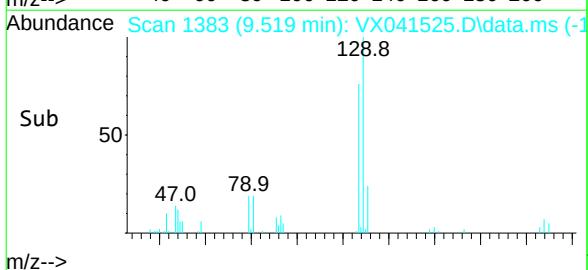
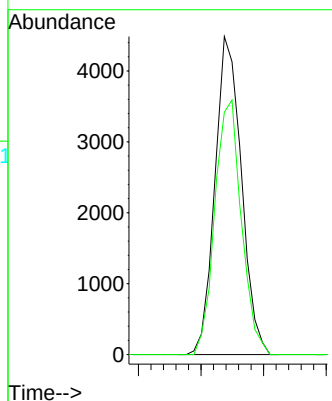
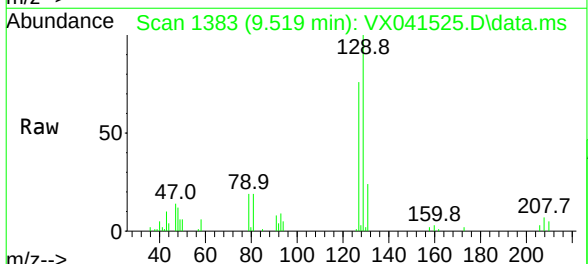
Manual Integrations
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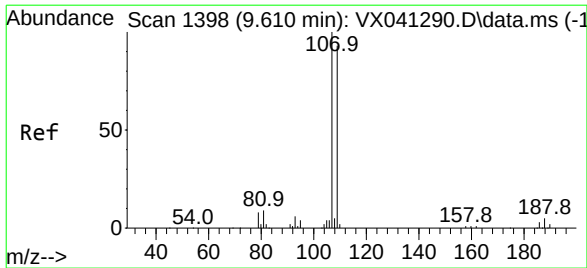
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#60
Dibromochloromethane
Concen: 4.733 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Tgt Ion:129 Resp: 6573
Ion Ratio Lower Upper
129 100
127 80.4 38.8 116.4





#61

1,2-Dibromoethane

Concen: 5.507 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:107 Resp: 7146

Ion Ratio Lower Upper

107 100

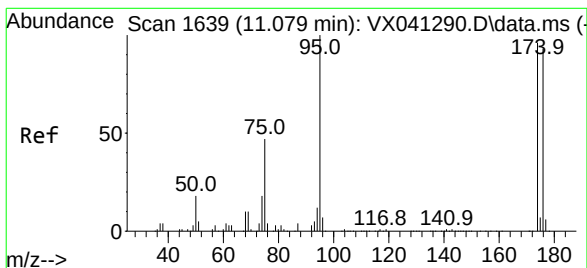
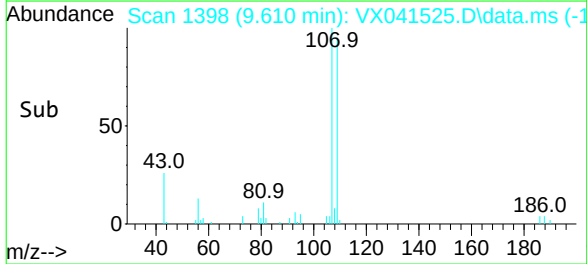
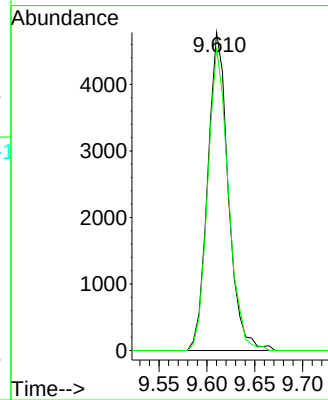
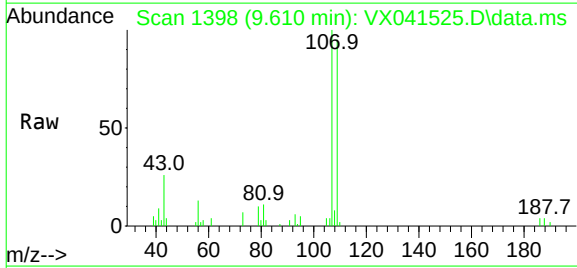
109 95.4 75.2 112.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#62

4-Bromofluorobenzene

Concen: 47.993 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

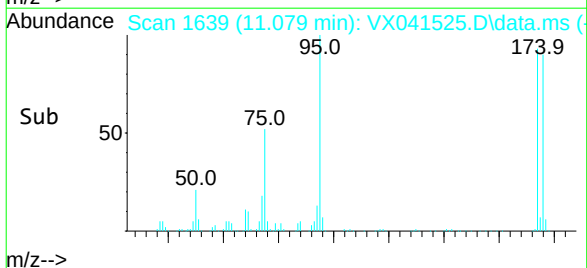
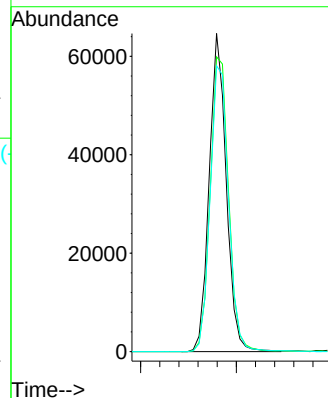
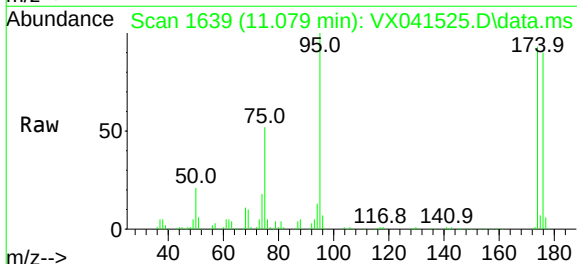
Tgt Ion: 95 Resp: 79874

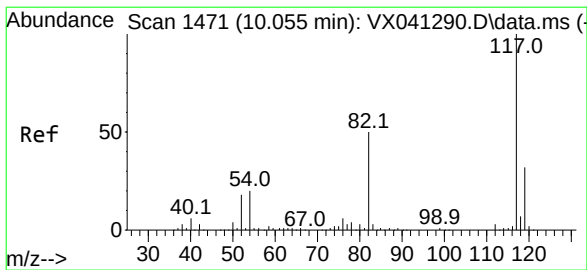
Ion Ratio Lower Upper

95 100

174 99.9 0.0 135.6

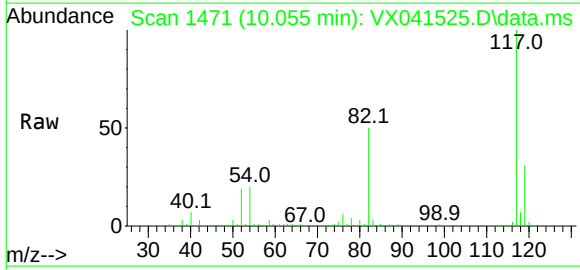
176 96.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

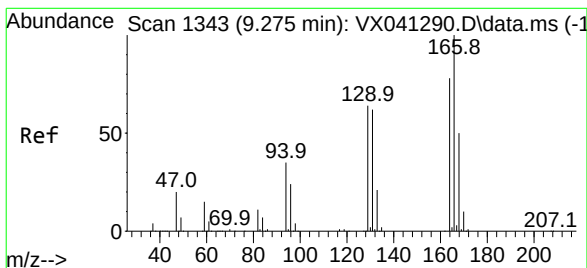
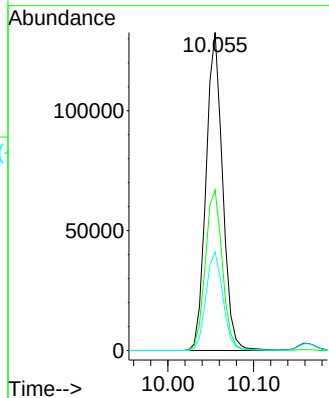
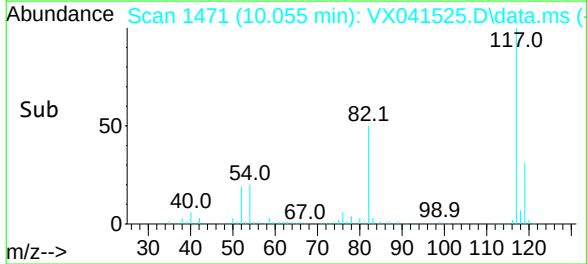
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion:117 Resp: 177895
Ion Ratio Lower Upper
117 100
82 50.5 46.2 69.4
119 31.0 25.5 38.3

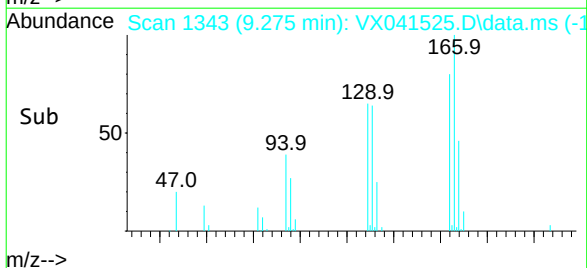
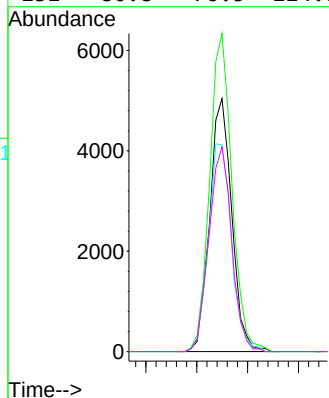
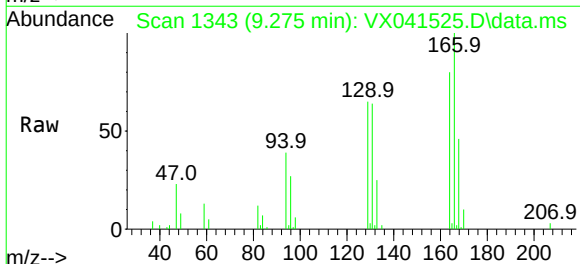
Manual Integrations
APPROVED

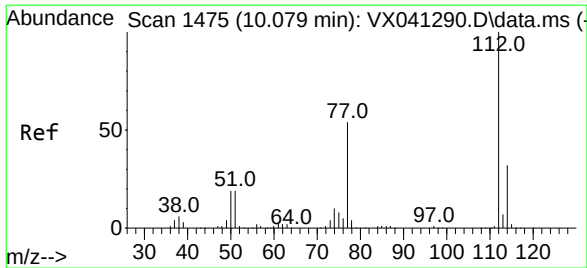
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#64
Tetrachloroethene
Concen: 5.894 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Tgt Ion:164 Resp: 7593
Ion Ratio Lower Upper
164 100
166 125.7 102.7 154.1
129 81.7 80.4 120.6
131 80.8 76.5 114.7





#65

Chlorobenzene

Concen: 5.517 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:112 Resp: 19924

Ion Ratio Lower Upper

112 100

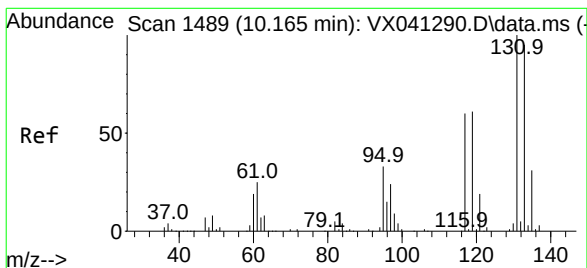
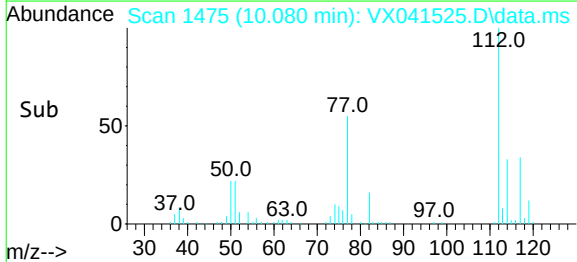
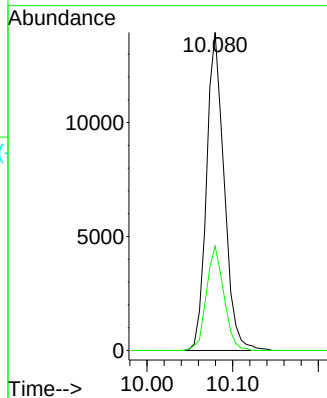
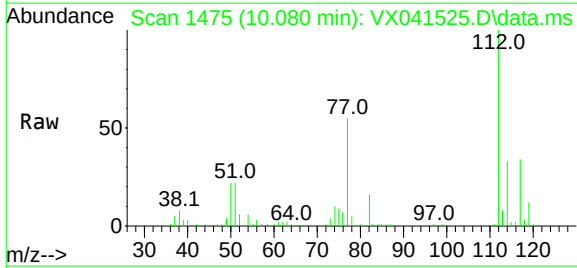
114 32.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 5.038 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

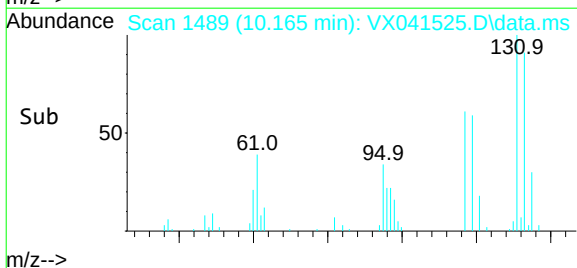
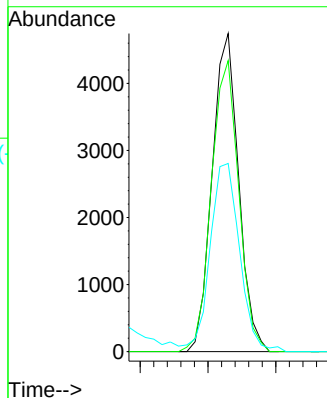
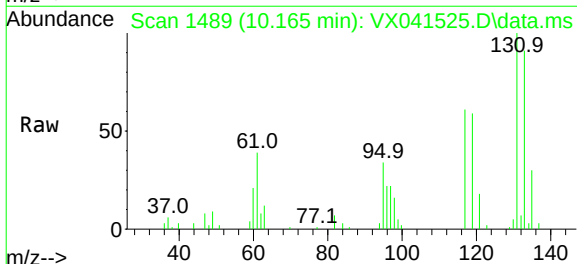
Tgt Ion:131 Resp: 6429

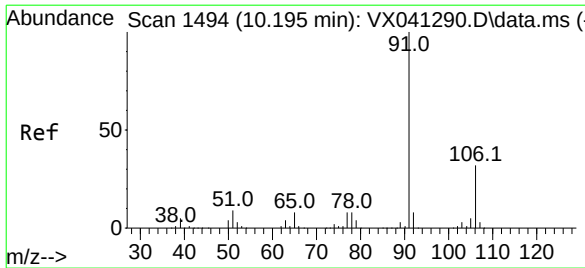
Ion Ratio Lower Upper

131 100

133 94.6 47.1 141.4

119 65.9 32.2 96.6





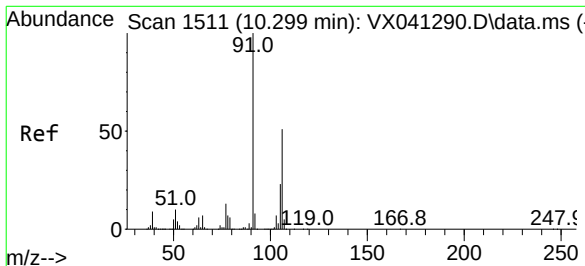
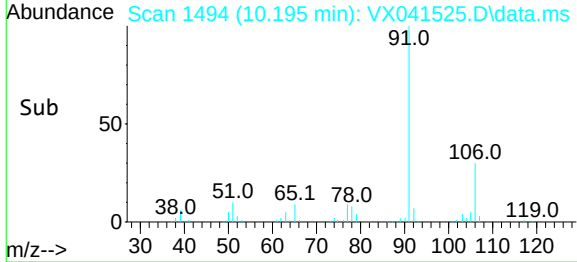
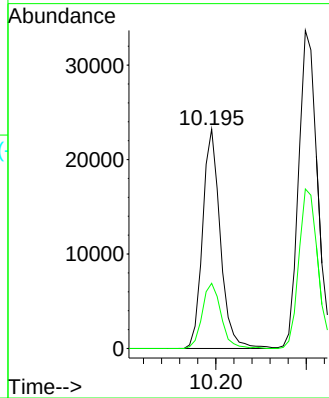
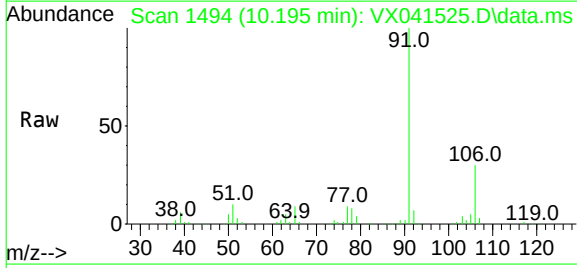
#67
Ethyl Benzene
Concen: 5.309 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion: 91 Resp: 31634
Ion Ratio Lower Upper
91 100
106 29.7 24.9 37.3

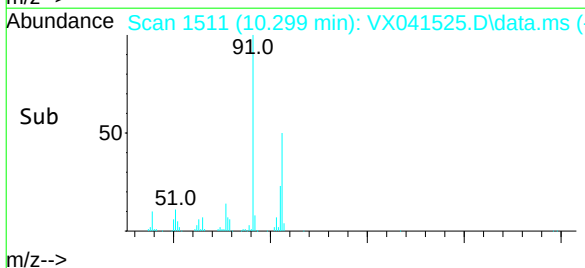
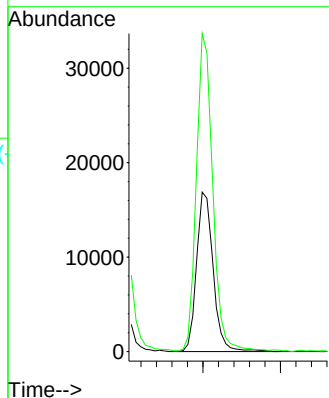
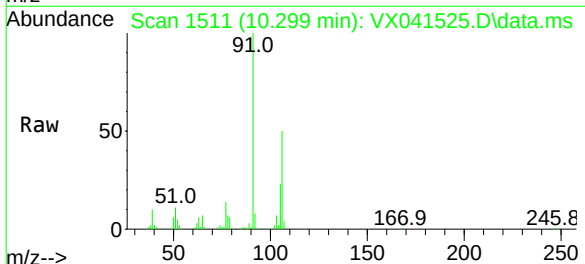
Manual Integrations
APPROVED

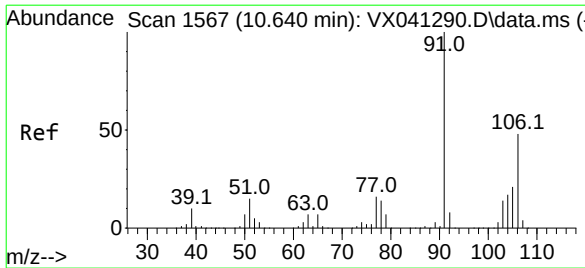
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#68
m/p-Xylenes
Concen: 10.527 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Tgt Ion:106 Resp: 25118
Ion Ratio Lower Upper
106 100
91 197.6 165.5 248.3





#69

o-Xylene

Concen: 5.366 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:106 Resp: 12260

Ion Ratio Lower Upper

106 100

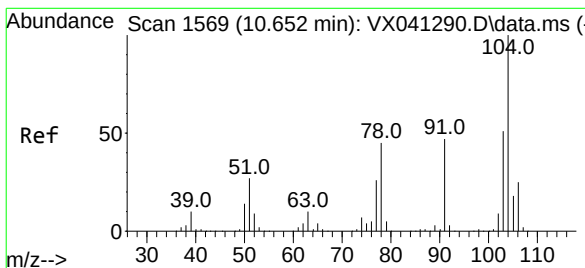
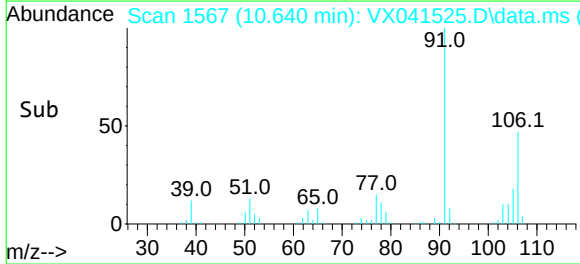
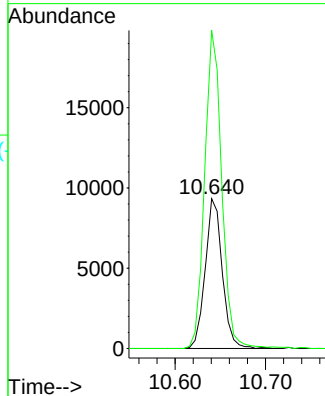
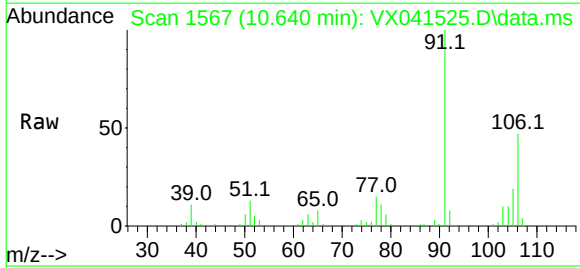
91 212.4 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#70

Styrene

Concen: 5.260 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

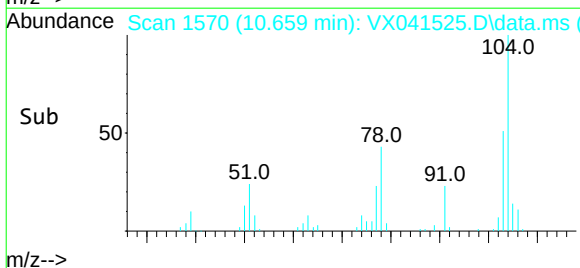
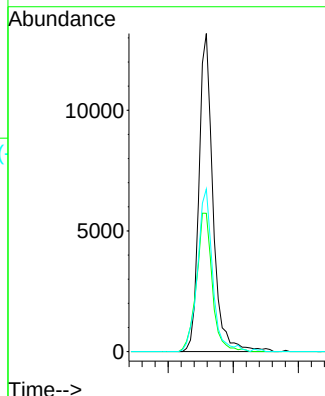
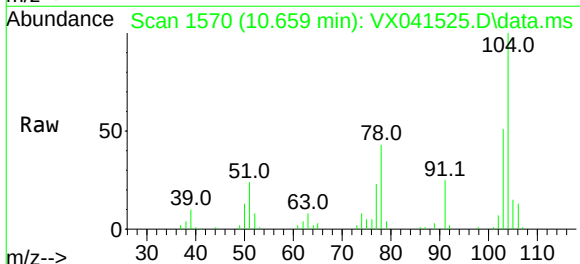
Tgt Ion:104 Resp: 19718

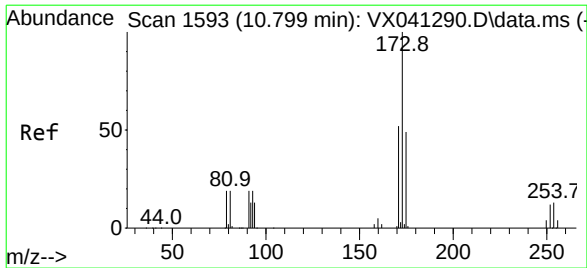
Ion Ratio Lower Upper

104 100

78 49.1 43.6 65.4

103 54.8 43.6 65.4





#71

Bromoform

Concen: 4.421 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Instrument :

MSVOA_X

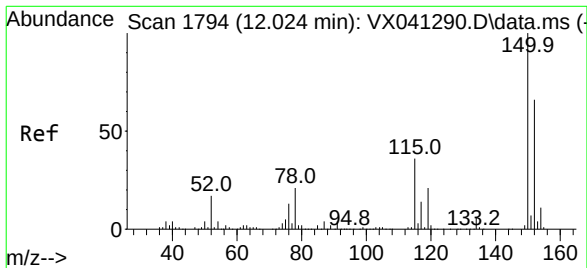
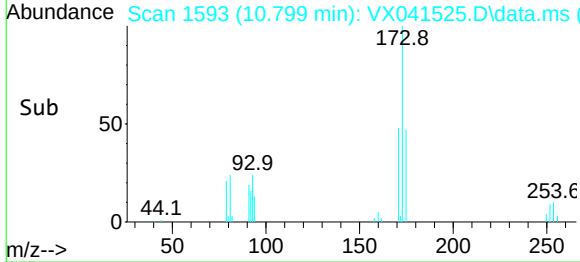
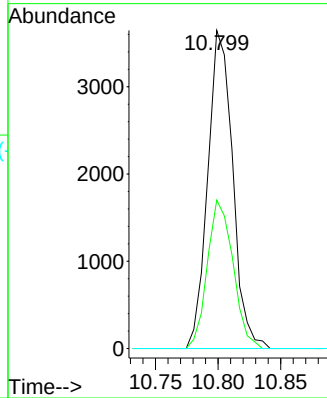
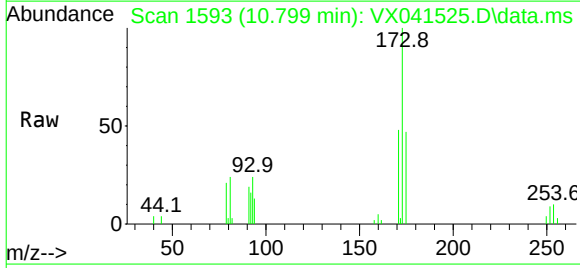
ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt	Ion:173	Resp:	5049
Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

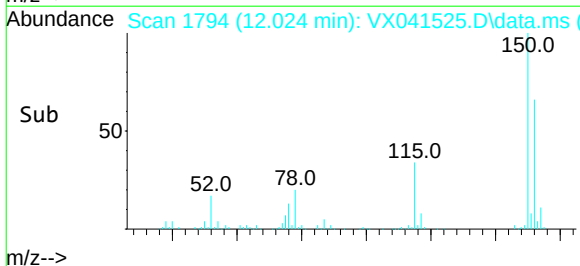
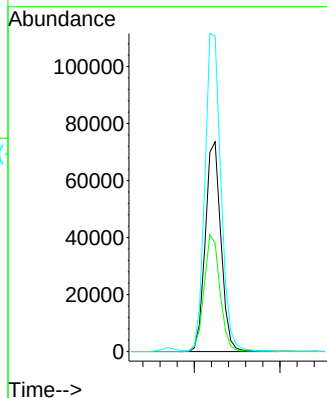
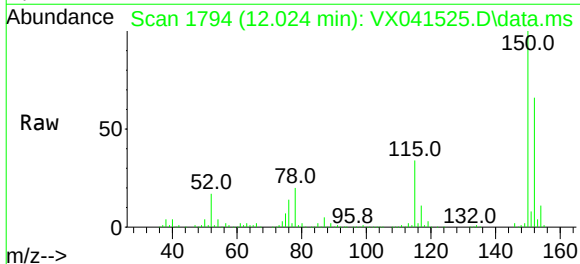
RT: 12.024 min Scan# 1794

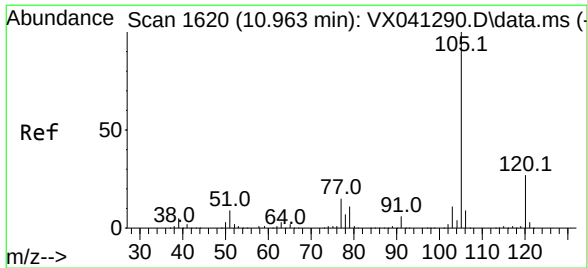
Delta R.T. 0.000 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Tgt	Ion:152	Resp:	93463
Ion	Ratio	Lower	Upper
152	100		
115	56.6	43.3	129.9
150	156.9	0.0	345.0





#73

Isopropylbenzene

Concen: 5.513 ug/l

RT: 10.964 min Scan# 1601

Delta R.T. 0.000 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Instrument :

MSVOA_X

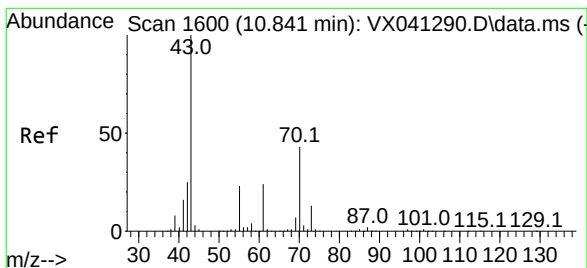
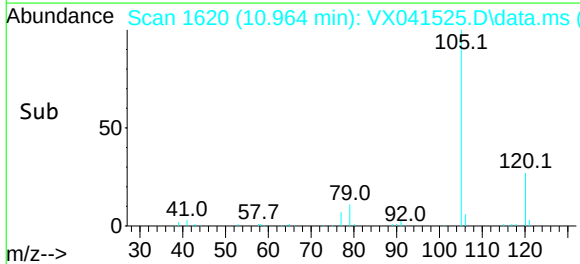
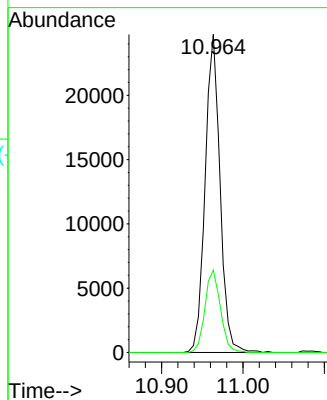
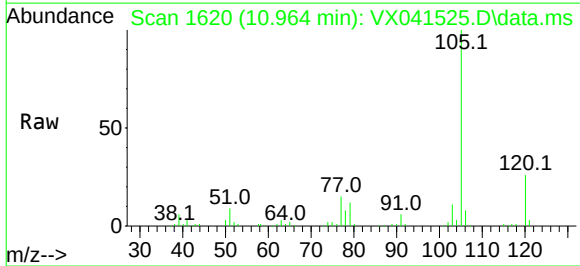
ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:105 Resp: 31455
 Ion Ratio Lower Upper
 105 100
 120 26.9 12.9 38.6

Manual Integrations
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Reviewed By :John Carlone 05/15/2024
 Supervised By :Mahesh Dadoda 05/15/2024



#74

N-ethyl acetate

Concen: 5.366 ug/l

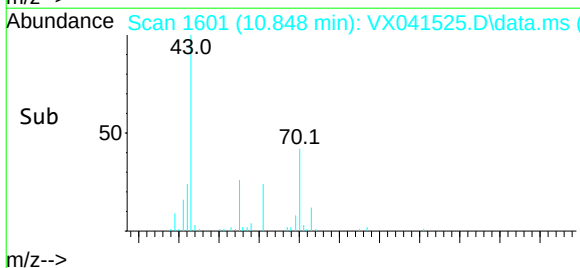
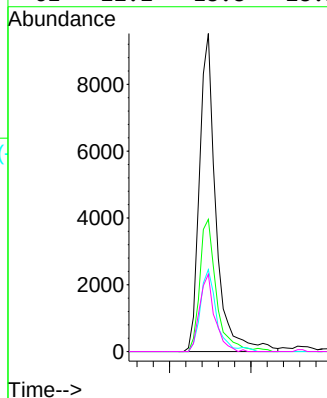
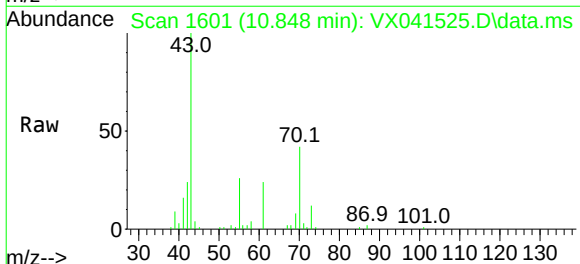
RT: 10.848 min Scan# 1601

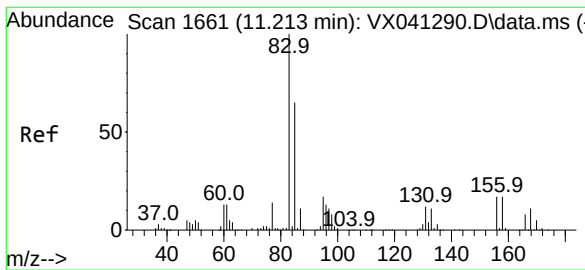
Delta R.T. 0.006 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Tgt Ion: 43 Resp: 13375
 Ion Ratio Lower Upper
 43 100
 70 42.1 32.9 49.3
 55 25.4 19.3 28.9
 61 22.2 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 5.922 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

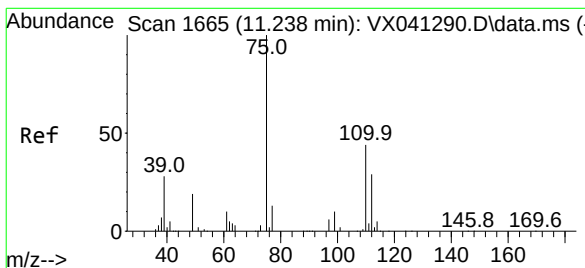
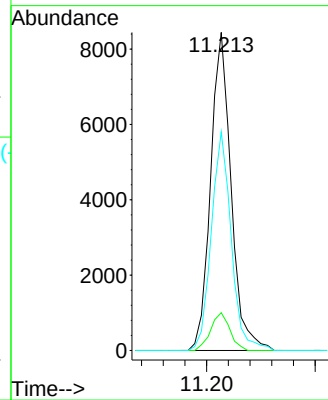
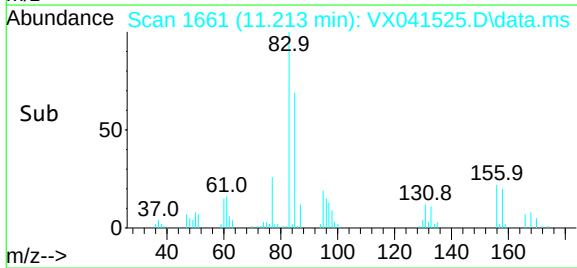
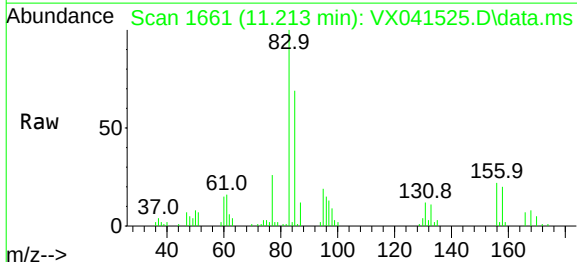
Tgt Ion:	83	Resp:	11070
Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.3	15.8
85	66.7	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#76

1,2,3-Trichloropropane

Concen: 6.474 ug/l m

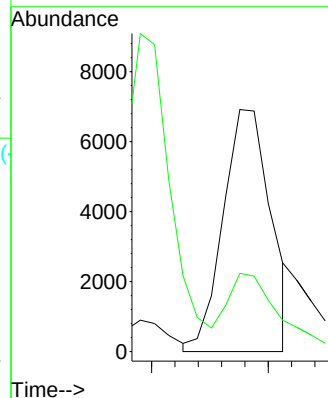
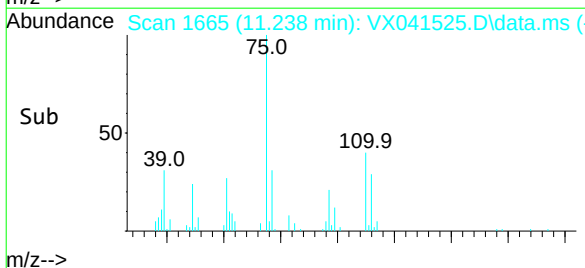
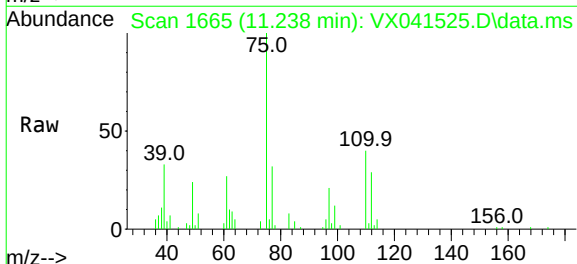
RT: 11.238 min Scan# 1665

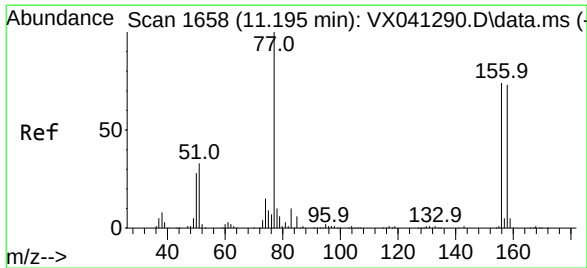
Delta R.T. 0.000 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Tgt Ion:	75	Resp:	9861
Ion	Ratio	Lower	Upper
75	100		
77	35.7	19.1	57.5





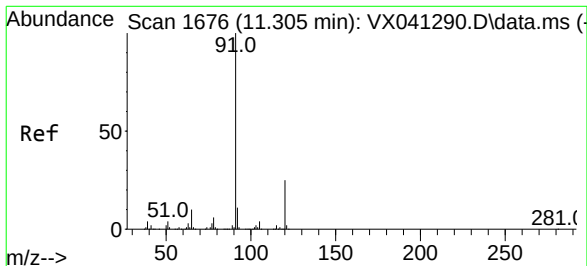
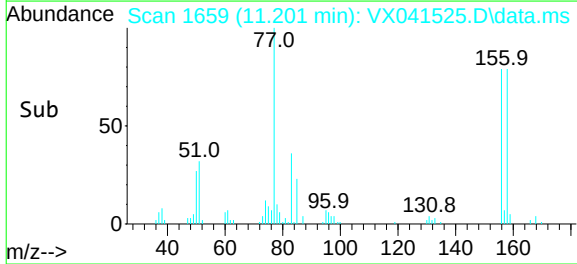
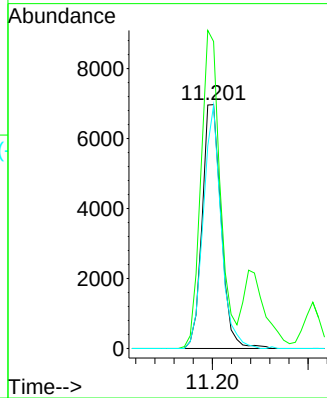
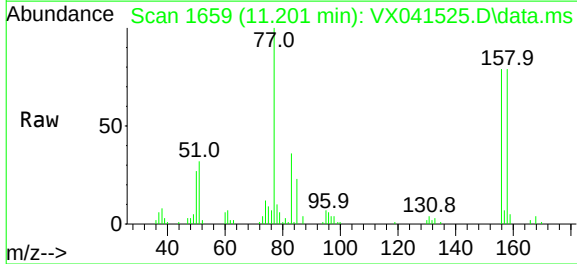
#77
Bromobenzene
Concen: 5.935 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:	156	Resp:	9556
Ion Ratio	Lower	Upper	
156	100		
77	133.2	88.4	265.3
158	94.2	48.0	144.0

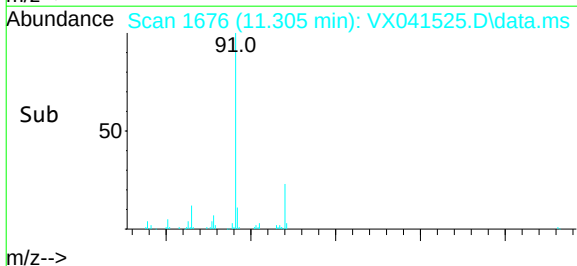
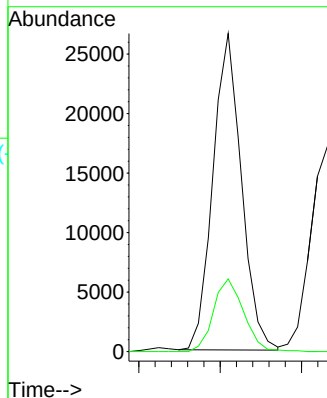
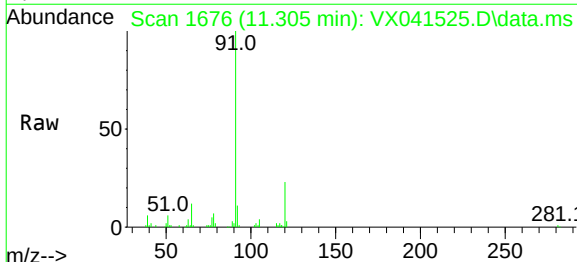
Manual Integrations
APPROVED

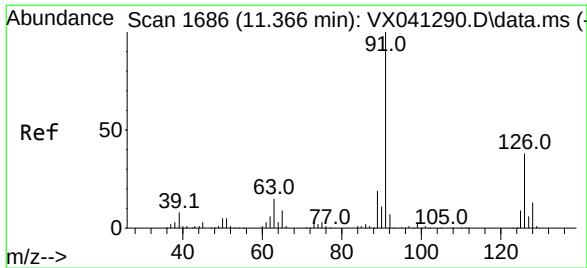
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#78
n-propylbenzene
Concen: 5.395 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Tgt Ion:	91	Resp:	32325
Ion Ratio	Lower	Upper	
91	100		
120	24.3	11.5	34.4





#79

2-Chlorotoluene

Concen: 5.781 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion: 91 Resp: 22321

Ion Ratio Lower Upper

91 100

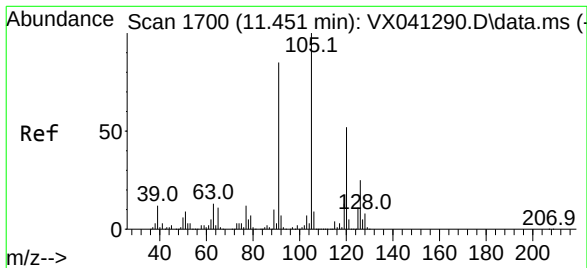
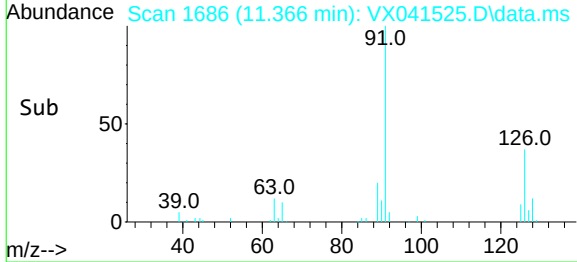
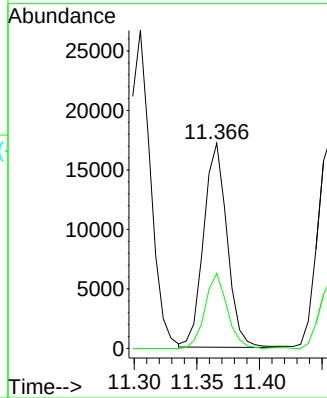
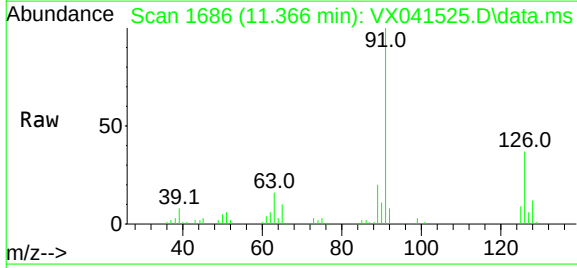
126 34.8 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#80

1,3,5-Trimethylbenzene

Concen: 5.603 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041525.D

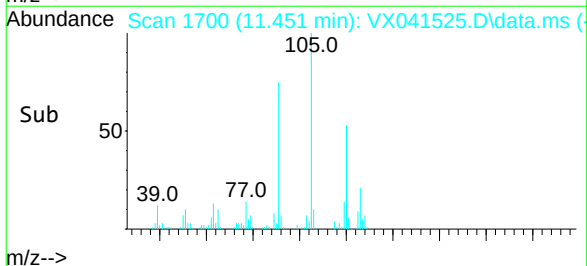
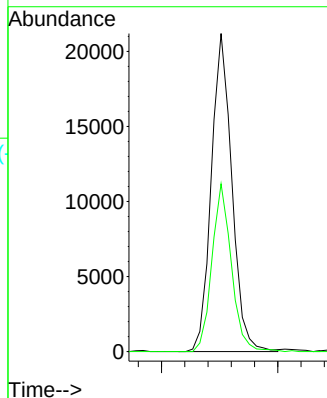
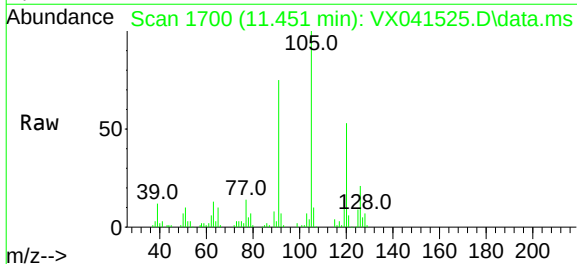
Acq: 14 May 2024 17:31

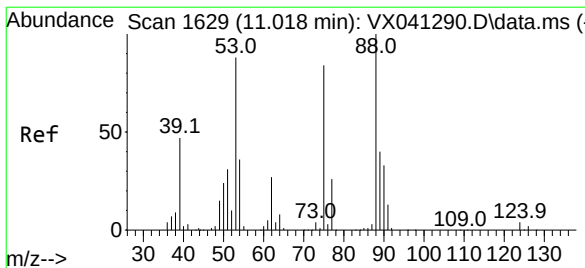
Tgt Ion:105 Resp: 26058

Ion Ratio Lower Upper

105 100

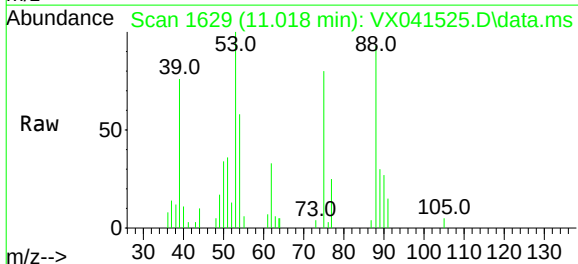
120 49.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 3.909 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

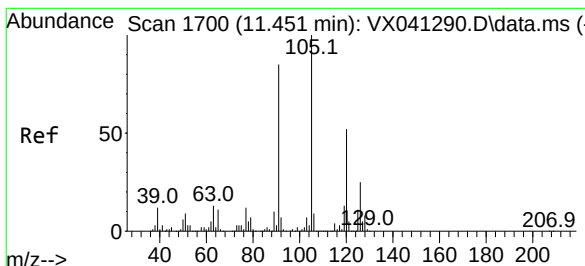
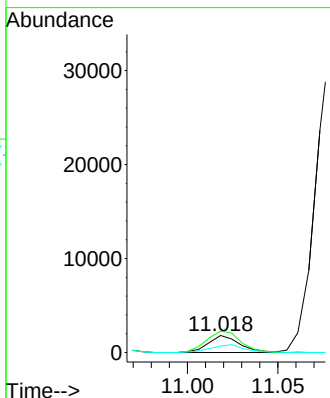
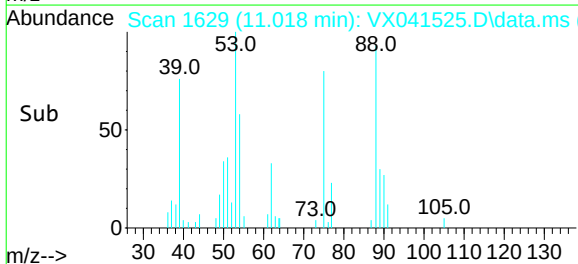
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion: 75 Resp: 2186
Ion Ratio Lower Upper
75 100
53 135.7 90.5 135.7
89 48.8 36.9 55.3

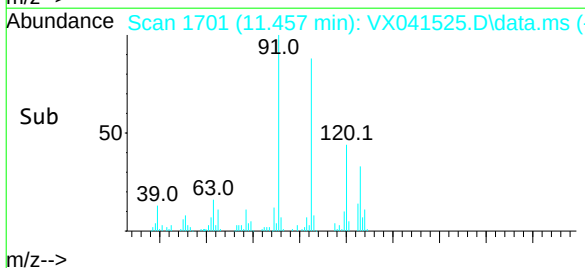
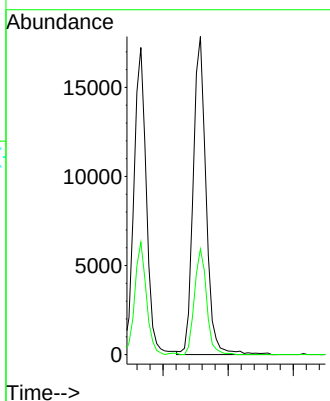
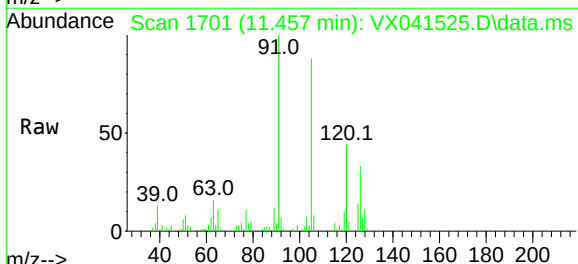
Manual Integrations
APPROVED

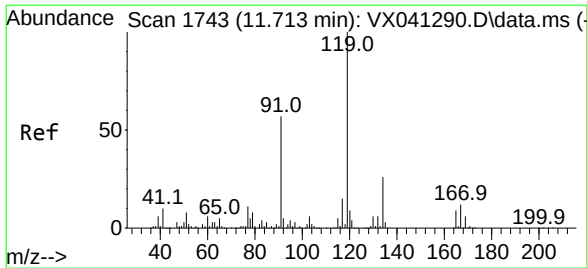
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#82
4-Chlorotoluene
Concen: 5.604 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX041525.D
Acq: 14 May 2024 17:31

Tgt Ion: 91 Resp: 24566
Ion Ratio Lower Upper
91 100
126 31.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 5.346 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

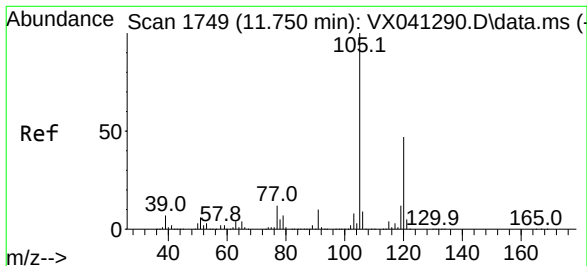
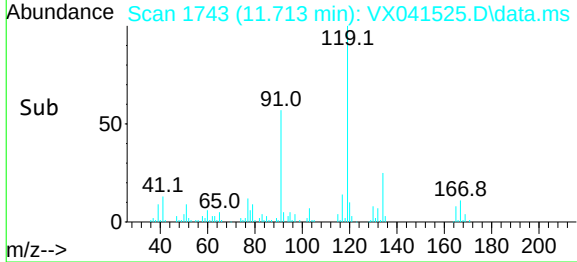
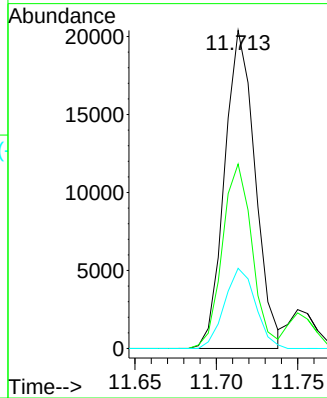
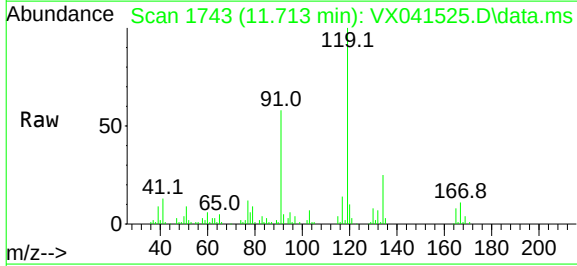
Tgt Ion:	119	Resp:	26623
Ion Ratio	Lower	Upper	
119	100		
91	56.6	31.2	93.6
134	25.6	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#84

1,2,4-Trimethylbenzene

Concen: 5.479 ug/l

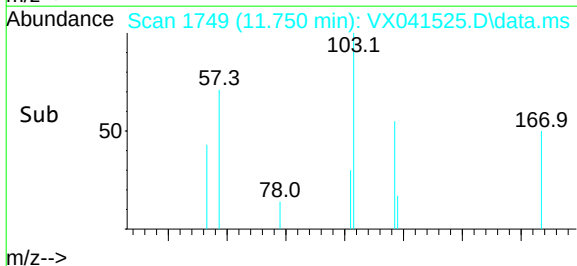
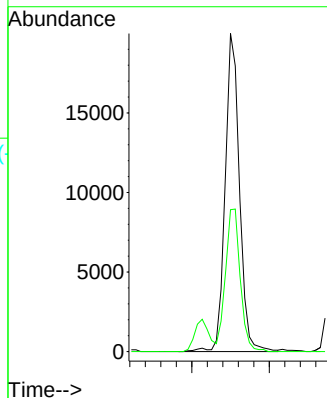
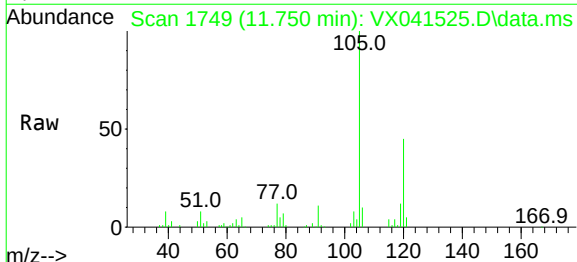
RT: 11.750 min Scan# 1749

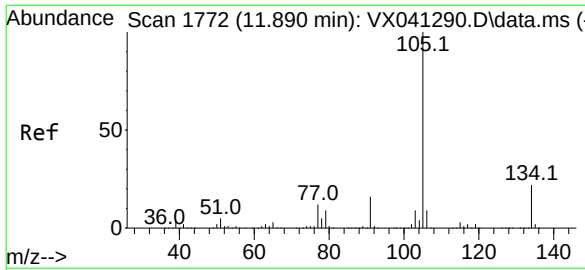
Delta R.T. 0.000 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Tgt Ion:	105	Resp:	25638
Ion Ratio	Lower	Upper	
105	100		
120	46.3	21.2	63.6





#85

sec-Butylbenzene

Concen: 5.484 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Instrument :

MSVOA_X

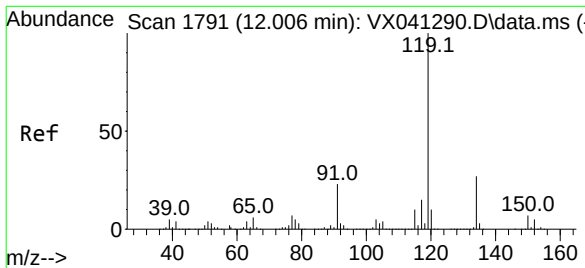
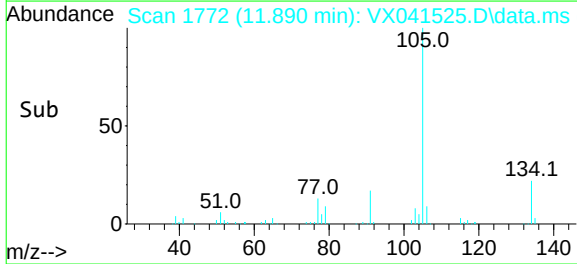
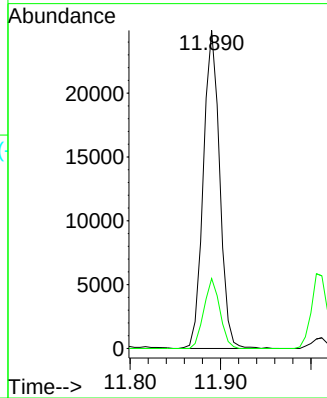
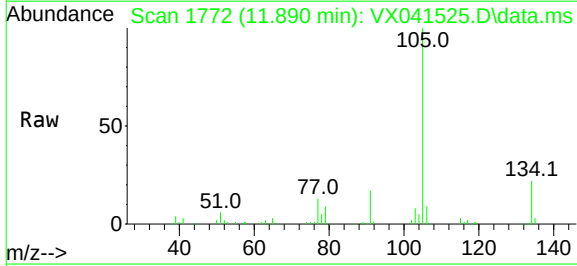
ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:105 Resp: 31300
 Ion Ratio Lower Upper
 105 100
 134 21.5 9.8 29.4

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/15/2024
 Supervised By :Mahesh Dadoda 05/15/2024



#86

p-Isopropyltoluene

Concen: 5.092 ug/l

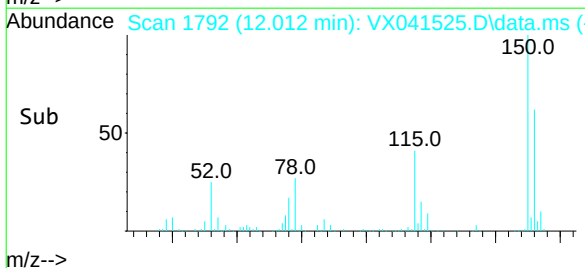
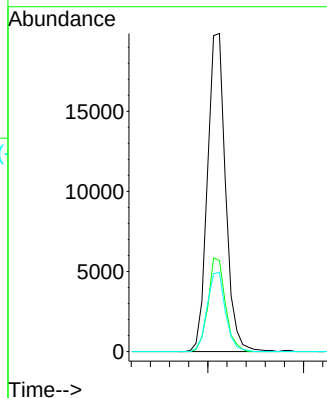
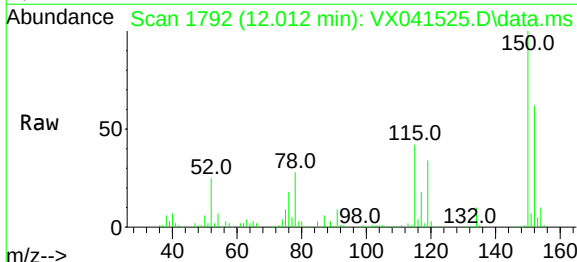
RT: 12.012 min Scan# 1792

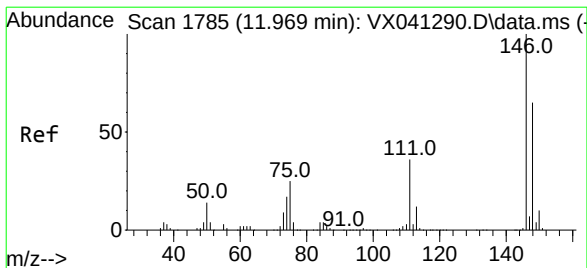
Delta R.T. 0.006 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Tgt Ion:119 Resp: 26102
 Ion Ratio Lower Upper
 119 100
 134 28.0 12.8 38.3
 91 25.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 5.492 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

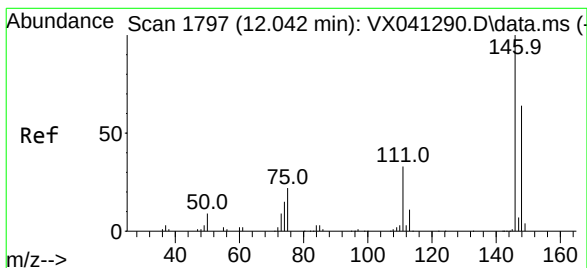
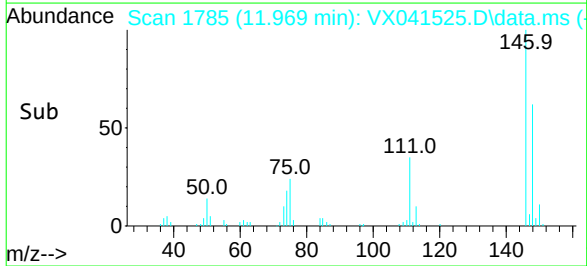
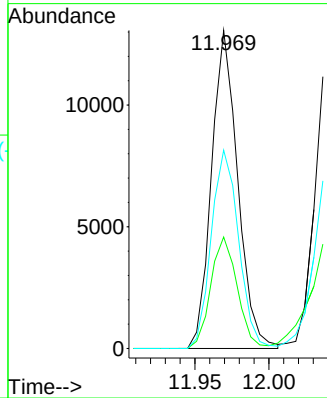
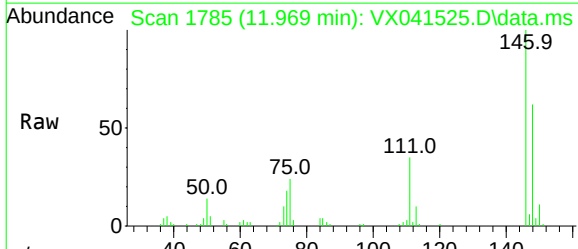
Tgt Ion:	146	Resp:	16073
Ion Ratio	Lower	Upper	
146	100		
111	35.6	22.1	66.1
148	65.3	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#88

1,4-Dichlorobenzene

Concen: 5.544 ug/l

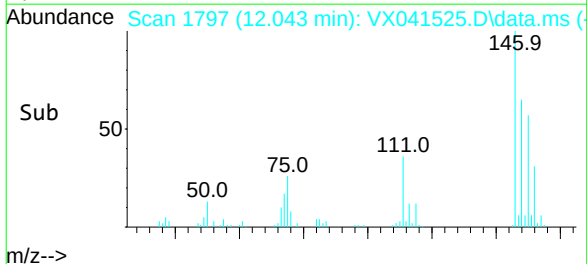
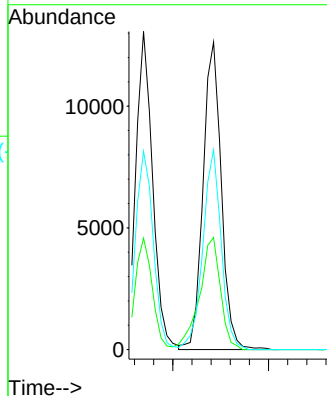
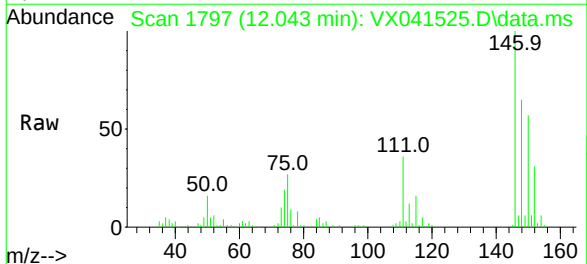
RT: 12.043 min Scan# 1797

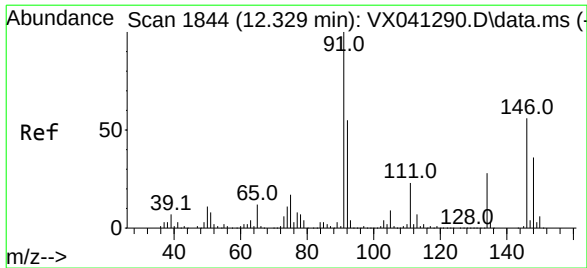
Delta R.T. 0.000 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Tgt Ion:	146	Resp:	16717
Ion Ratio	Lower	Upper	
146	100		
111	42.0	21.3	63.7
148	65.4	31.8	95.4





#89

n-Butylbenzene

Concen: 4.748 ug/l

RT: 12.335 min Scan# 1844

Delta R.T. 0.006 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

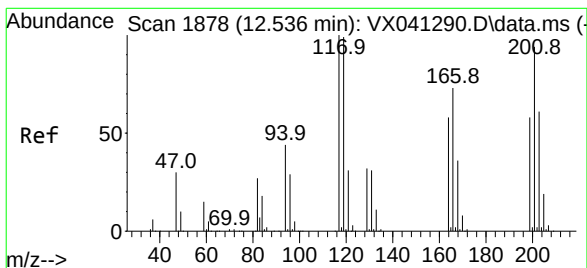
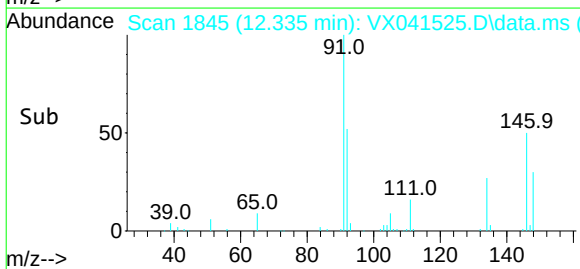
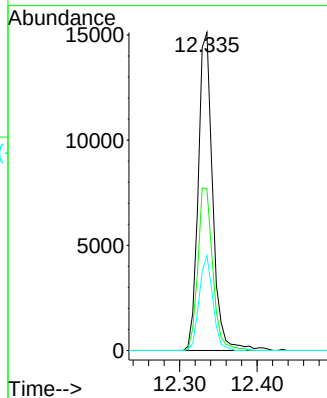
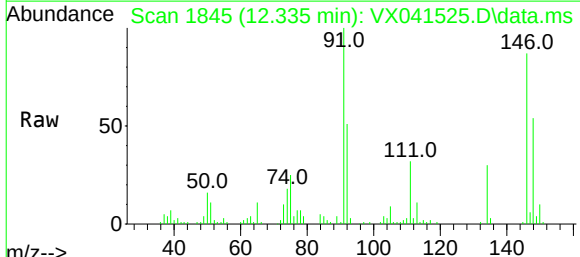
Tgt Ion:	91	Resp:	19572
Ion Ratio	Lower	Upper	
91	100		
92	52.6	27.4	82.0
134	28.1	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#90

Hexachloroethane

Concen: 4.645 ug/l

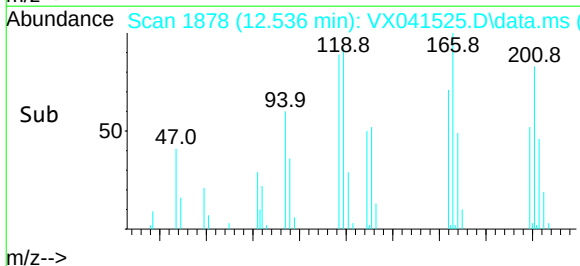
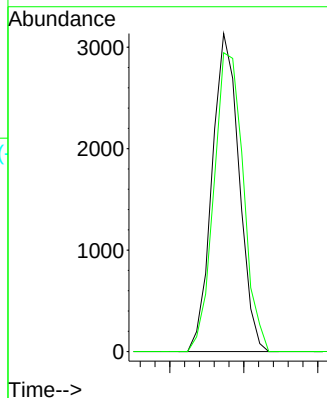
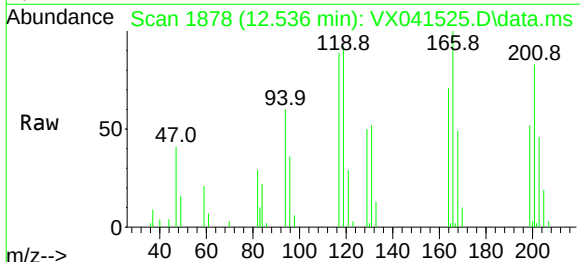
RT: 12.536 min Scan# 1878

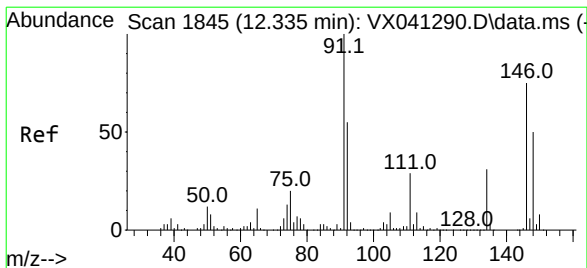
Delta R.T. 0.000 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Tgt Ion:	117	Resp:	3982
Ion Ratio	Lower	Upper	
117	100		
201	102.3	32.9	98.6





#91

1,2-Dichlorobenzene

Concen: 5.453 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041525.D

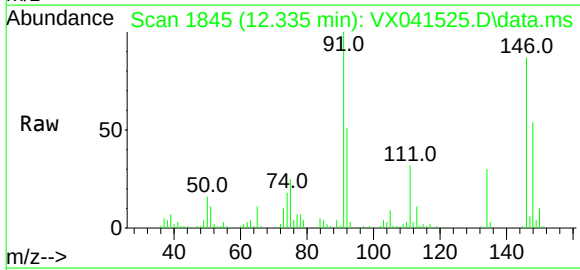
Acq: 14 May 2024 17:31

Instrument :

MSVOA_X

ClientSampleId :

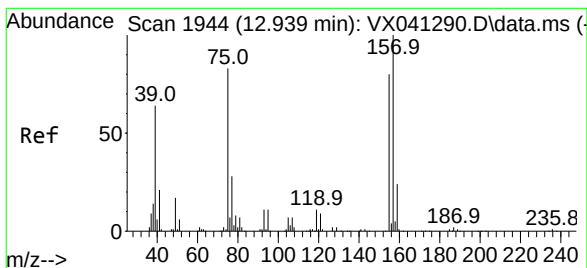
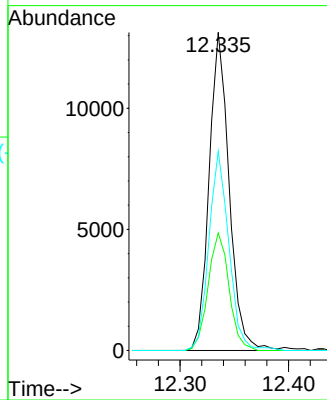
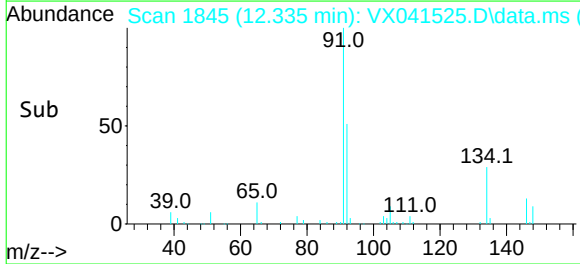
LOQ-WATER-02-QT2-2024



Tgt Ion:	146	Resp:	16858
Ion	Ratio	Lower	Upper
146	100		
111	38.5	22.4	67.0
148	62.6	31.6	95.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.533 ug/l

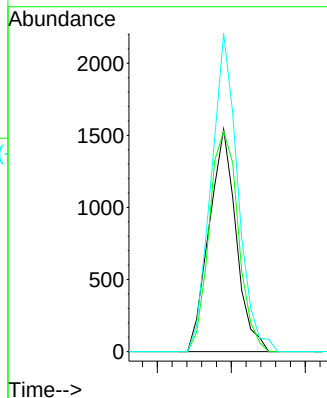
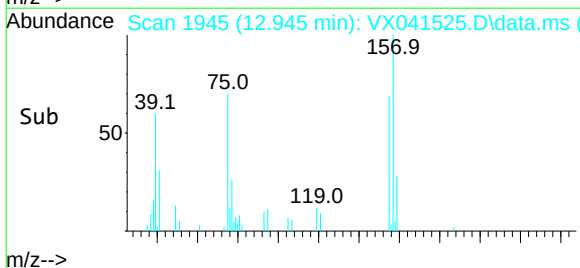
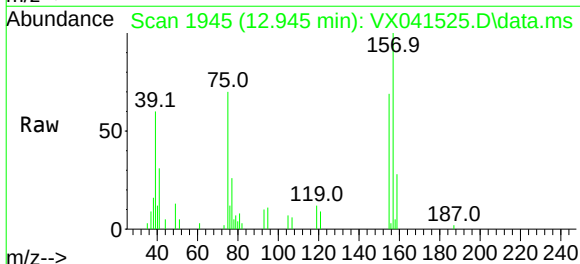
RT: 12.945 min Scan# 1945

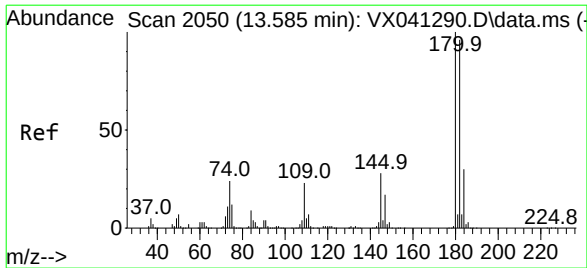
Delta R.T. 0.006 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Tgt Ion:	75	Resp:	1958
Ion	Ratio	Lower	Upper
75	100		
155	106.4	36.1	108.5
157	141.2	44.9	134.7#





#93

1,2,4-Trichlorobenzene

Concen: 4.623 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

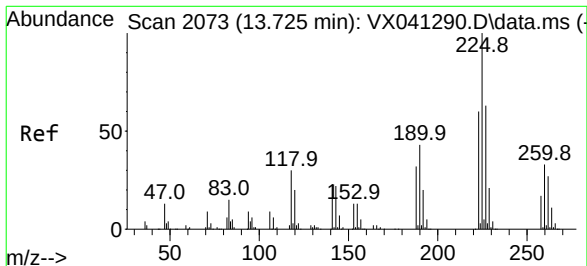
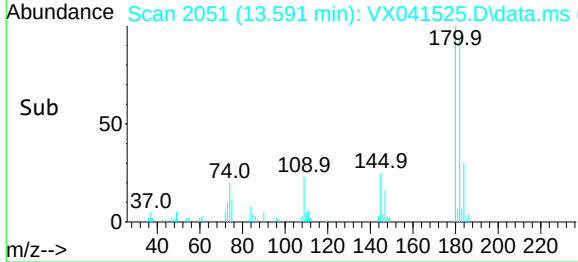
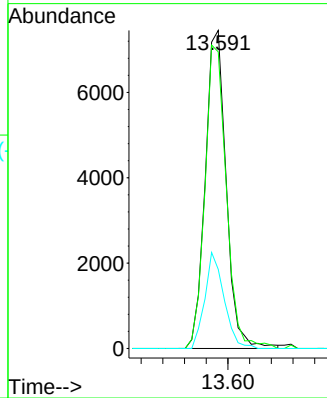
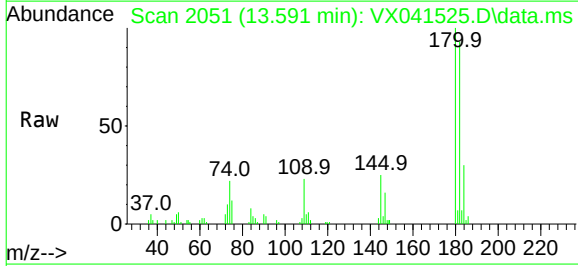
Tgt Ion:	180	Resp:	9989
Ion Ratio	Lower	Upper	
180	100		
182	97.4	48.3	144.8
145	27.7	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#94

Hexachlorobutadiene

Concen: 4.969 ug/l

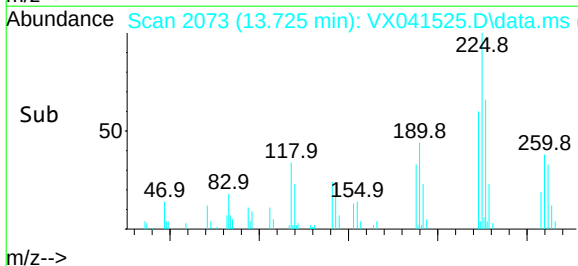
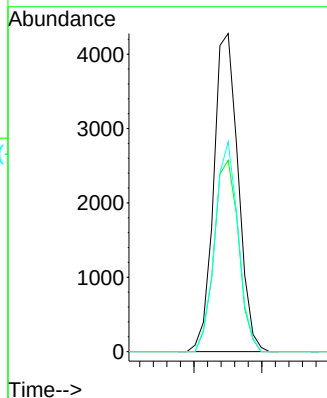
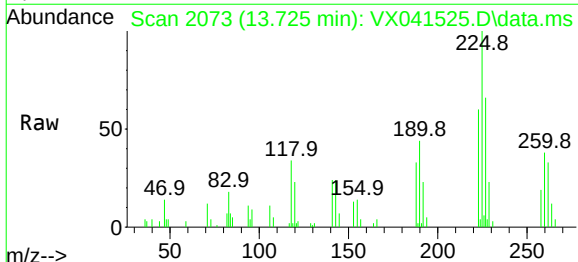
RT: 13.725 min Scan# 2073

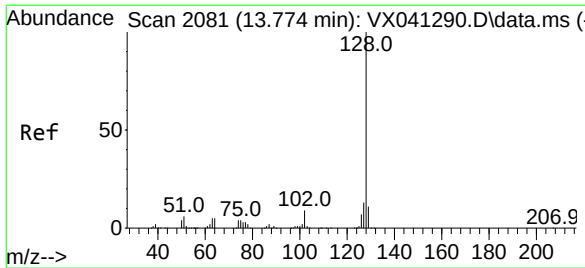
Delta R.T. 0.000 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Tgt Ion:	225	Resp:	5362
Ion Ratio	Lower	Upper	
225	100		
223	60.0	31.1	93.2
227	62.7	32.5	97.5





#95

Naphthalene

Concen: 4.756 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

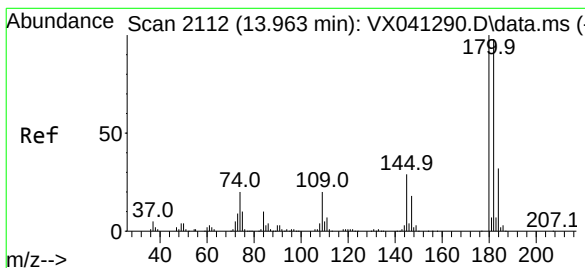
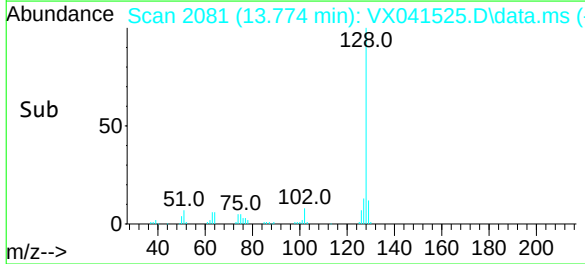
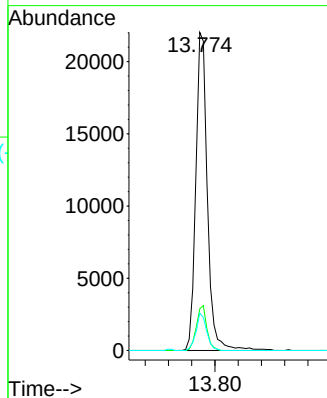
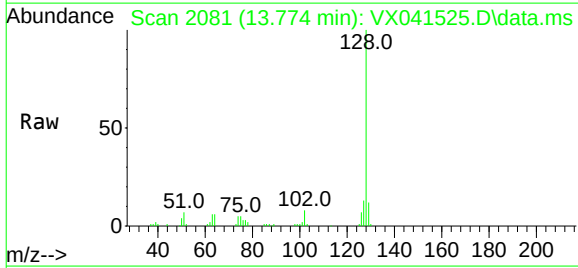
Tgt Ion:	128	Resp:	30455
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.8	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#96

1,2,3-Trichlorobenzene

Concen: 4.975 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041525.D

Acq: 14 May 2024 17:31

Tgt Ion:	180	Resp:	10988
Ion	Ratio	Lower	Upper
180	100		
182	92.8	46.9	140.6
145	30.0	17.8	53.5

