

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
 Data File : VX041523.D
 Acq On : 14 May 2024 16:45
 Operator : JC/MD
 Sample : P2403-07 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: May 15 01:56:30 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	160407	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	227930	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104813	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99003	56.695	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.380%
35) Dibromofluoromethane	5.385	113	78391	50.751	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.500%
50) Toluene-d8	8.647	98	273128	55.868	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	111.740%
62) 4-Bromofluorobenzene	11.079	95	100048	52.866	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.740%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	3411	2.588	ug/l	84
3) Chloromethane	1.294	50	3550	2.603	ug/l	98
4) Vinyl Chloride	1.374	62	3678	2.829	ug/l	93
5) Bromomethane	1.599	94	2973	3.647	ug/l	98
6) Chloroethane	1.666	64	2295	3.802	ug/l	91
7) Trichlorofluoromethane	1.867	101	6934	3.093	ug/l	98
8) Diethyl Ether	2.136	74	2580	3.265	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.319	101	4249	3.372	ug/l	90
10) Methyl Iodide	2.447	142	3755	2.769	ug/l	# 87
11) Tert butyl alcohol	3.007	59	4679	13.387	ug/l	98
12) 1,1-Dichloroethene	2.306	96	3806	3.062	ug/l	86
13) Acrolein	2.239	56	3215	11.595	ug/l	93
14) Allyl chloride	2.654	41	6132	2.936	ug/l	98
15) Acrylonitrile	3.075	53	11719	14.691	ug/l	97
16) Acetone	2.392	43	12999	14.255	ug/l	# 87
17) Carbon Disulfide	2.501	76	6916	2.367	ug/l	97
18) Methyl Acetate	2.709	43	6535	3.658	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	12834	2.832	ug/l	94
20) Methylene Chloride	2.788	84	5522	3.643	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	3848	2.770	ug/l	96
22) Diisopropyl ether	3.763	45	13098	2.959	ug/l	87
23) Vinyl Acetate	3.727	43	53072	13.405	ug/l	99
24) 1,1-Dichloroethane	3.611	63	7297	2.918	ug/l	98
25) 2-Butanone	4.574	43	16982	15.025	ug/l	99
26) 2,2-Dichloropropane	4.477	77	5604	2.681	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	4656	2.831	ug/l	92
28) Bromochloromethane	4.897	49	3264	3.658	ug/l	# 81
29) Tetrahydrofuran	5.025	42	11632	15.737	ug/l	97
30) Chloroform	5.092	83	7915	3.043	ug/l	95
31) Cyclohexane	5.470	56	5978	2.836	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	6720	2.839	ug/l	97
36) 1,1-Dichloropropene	5.696	75	5088	2.755	ug/l	95
37) Ethyl Acetate	4.727	43	7314	3.174	ug/l	# 90
38) Carbon Tetrachloride	5.672	117	5569	2.632	ug/l	97
39) Methylcyclohexane	7.379	83	6128	2.824	ug/l	89
40) Benzene	6.037	78	16498	2.898	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	2718	2.292	ug/l #	87
42) 1,2-Dichloroethane	6.092	62	6430	3.081	ug/l	96
43) Isopropyl Acetate	6.354	43	10129	2.923	ug/l	97
44) Trichloroethene	7.129	130	4430	2.946	ug/l	92
45) 1,2-Dichloropropane	7.427	63	3909	3.073	ug/l	92
46) Dibromomethane	7.580	93	2974	2.937	ug/l #	81
47) Bromodichloromethane	7.824	83	5038	2.792	ug/l	96
48) Methyl methacrylate	7.708	41	4935	3.107	ug/l	99
49) 1,4-Dioxane	7.677	88	1592	46.358	ug/l #	88
51) 4-Methyl-2-Pentanone	8.580	43	31902	15.343	ug/l	100
52) Toluene	8.720	92	10425	2.993	ug/l	93
53) t-1,3-Dichloropropene	8.982	75	4563	2.552	ug/l #	88
54) cis-1,3-Dichloropropene	8.372	75	5186	2.614	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	4276	3.188	ug/l	93
56) Ethyl methacrylate	9.122	69	6151	2.963	ug/l	97
57) 1,3-Dichloropropane	9.311	76	6883	3.075	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	13984	13.893	ug/l	93
59) 2-Hexanone	9.439	43	24991	15.031	ug/l	99
60) Dibromochloromethane	9.518	129	3798	2.405	ug/l	98
61) 1,2-Dibromoethane	9.610	107	4157	2.817	ug/l	98
64) Tetrachloroethene	9.275	164	4562	3.147	ug/l	95
65) Chlorobenzene	10.079	112	12289	3.024	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	3903	2.718	ug/l	98
67) Ethyl Benzene	10.195	91	19061	2.843	ug/l	100
68) m/p-Xylenes	10.305	106	14813	5.518	ug/l	92
69) o-Xylene	10.640	106	7194	2.799	ug/l	99
70) Styrene	10.659	104	11267	2.671	ug/l	95
71) Bromoform	10.805	173	2945	2.292	ug/l #	94
73) Isopropylbenzene	10.963	105	18939	2.960	ug/l	98
74) N-amyl acetate	10.847	43	7861	2.812	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	6658	3.176	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	5749m	3.366	ug/l	
77) Bromobenzene	11.201	156	5801	3.213	ug/l	77
78) n-propylbenzene	11.305	91	19236	2.863	ug/l	97
79) 2-Chlorotoluene	11.366	91	13158	3.039	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	14820	2.841	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.024	75	1276m	2.035	ug/l	
82) 4-Chlorotoluene	11.457	91	13990	2.846	ug/l	94
83) tert-Butylbenzene	11.713	119	16495	2.953	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	14884	2.836	ug/l	94
85) sec-Butylbenzene	11.890	105	18256	2.852	ug/l	95
86) p-Isopropyltoluene	12.012	119	15348	2.670	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	9722	2.962	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	10176	3.009	ug/l	91
89) n-Butylbenzene	12.335	91	11069	2.395	ug/l	96
90) Hexachloroethane	12.536	117	2445	2.543	ug/l	72
91) 1,2-Dichlorobenzene	12.335	146	10223	2.949	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1290	2.663	ug/l	73
93) 1,2,4-Trichlorobenzene	13.591	180	6001	2.476	ug/l	96
94) Hexachlorobutadiene	13.725	225	3275	2.706	ug/l	99
95) Naphthalene	13.780	128	17107	2.382	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	6295	2.542	ug/l	96

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

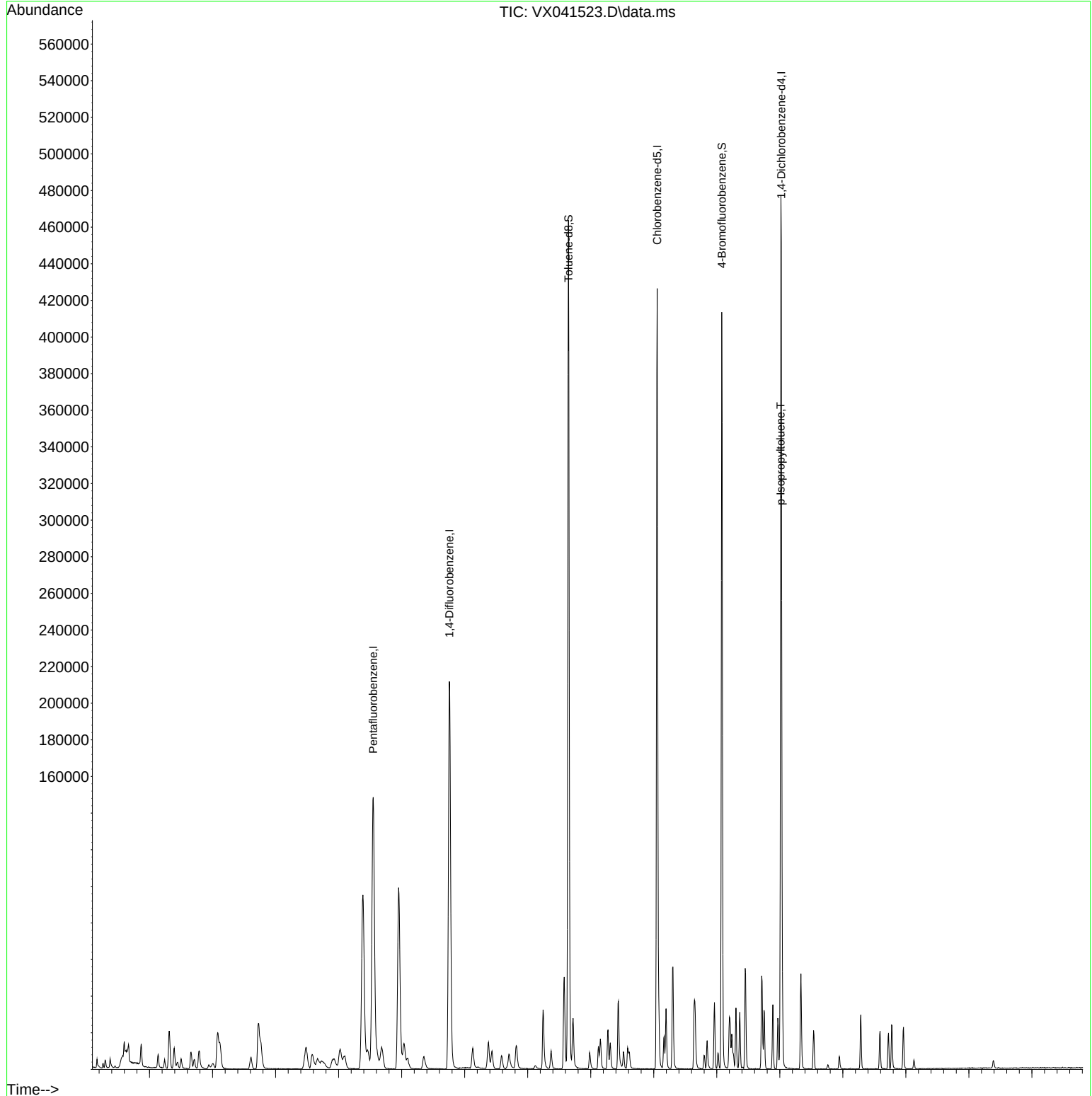
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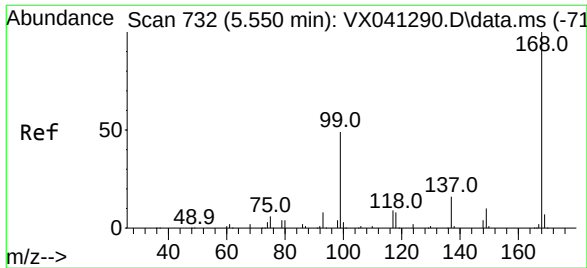
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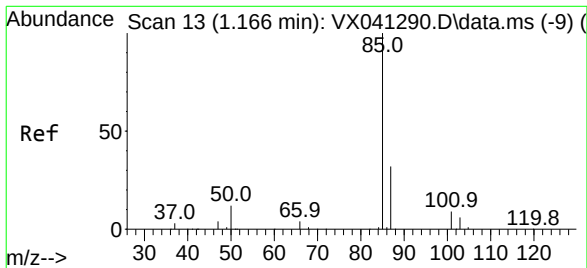
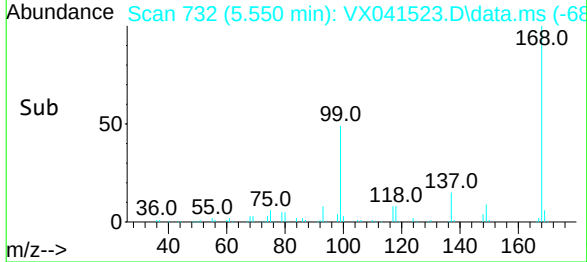
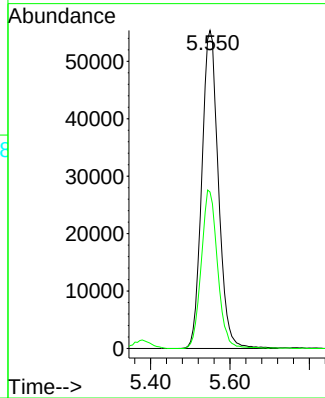
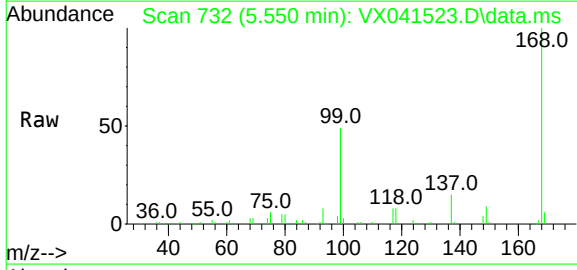
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

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

Tgt Ion:168 Resp: 160407
Ion Ratio Lower Upper
168 100
99 49.2 56.6 85.0#

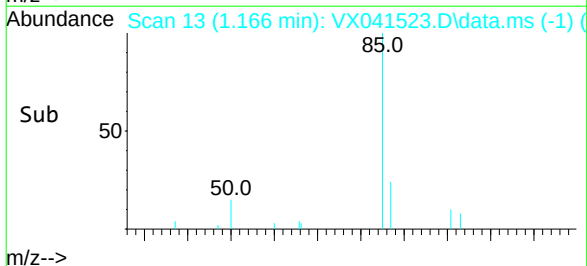
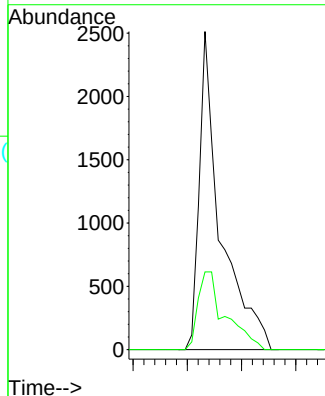
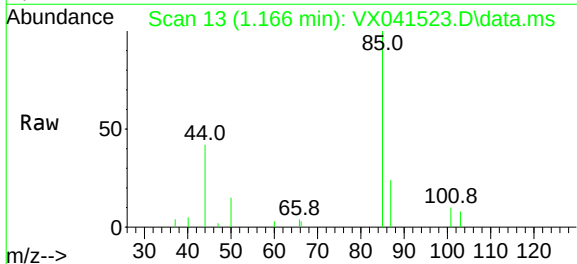
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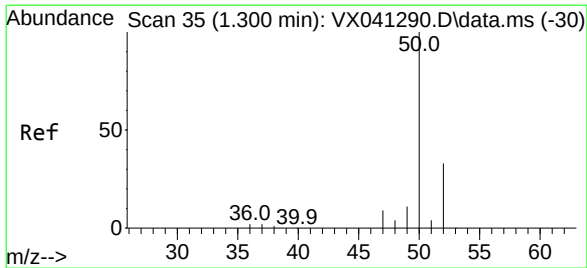
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#2
Dichlorodifluoromethane
Concen: 2.588 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

Tgt Ion: 85 Resp: 3411
Ion Ratio Lower Upper
85 100
87 24.4 16.7 50.1





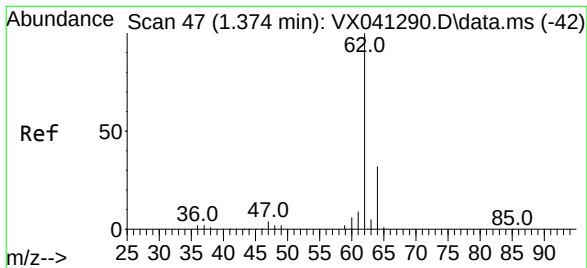
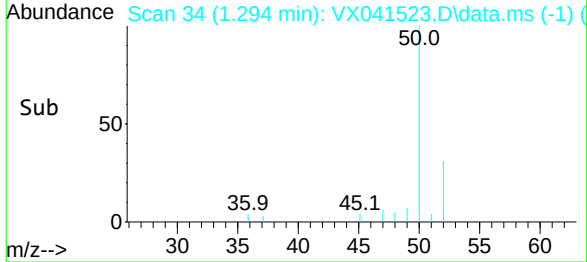
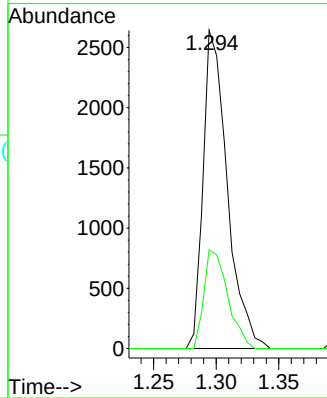
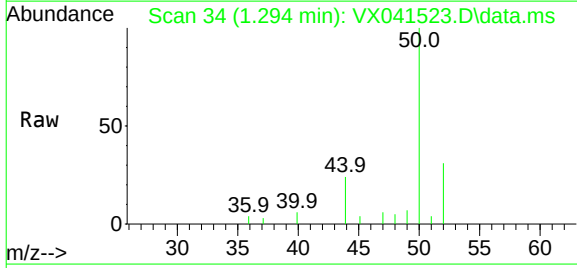
#3
Chloromethane
Concen: 2.603 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

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

Tgt Ion: 50 Resp: 3550
Ion Ratio Lower Upper
50 100
52 31.0 25.5 38.3

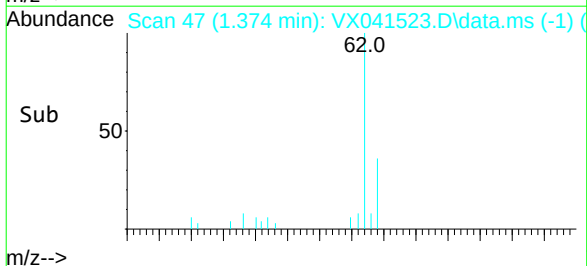
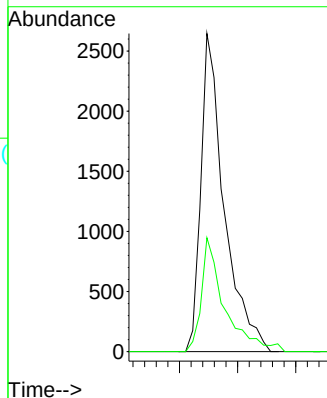
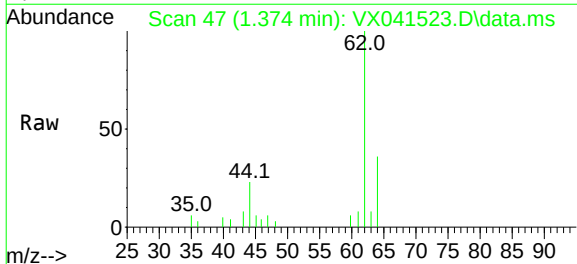
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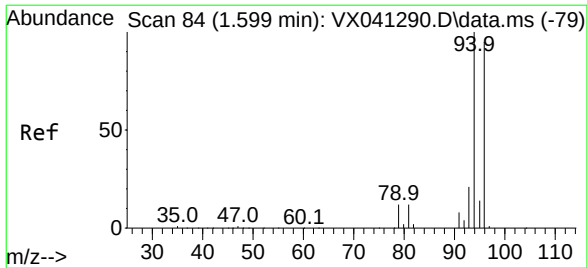
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#4
Vinyl Chloride
Concen: 2.829 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

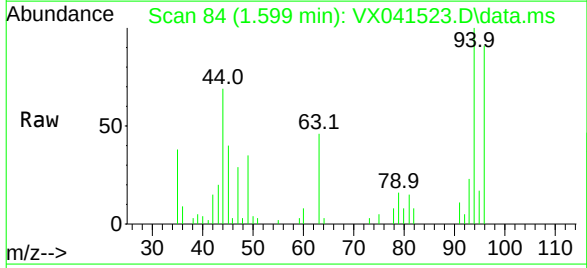
Tgt Ion: 62 Resp: 3678
Ion Ratio Lower Upper
62 100
64 35.8 25.4 38.0





#5
Bromomethane
Concen: 3.647 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041523.D
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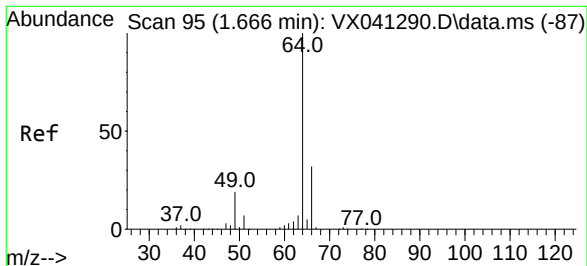
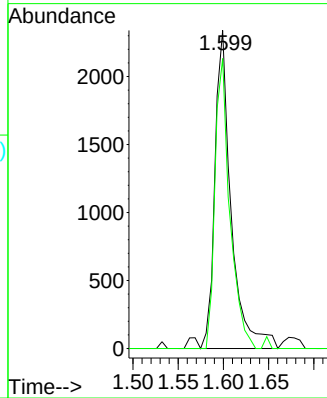
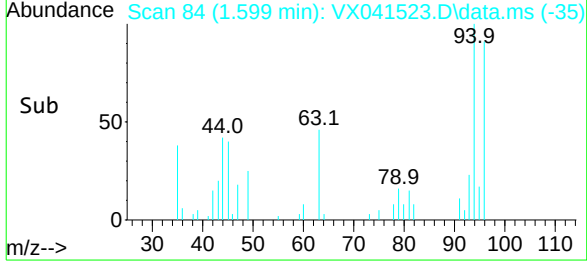
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Tgt Ion: 94 Resp: 2973
Ion Ratio Lower Upper
94 100
96 91.2 74.6 111.8

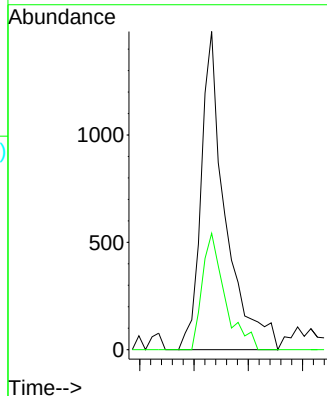
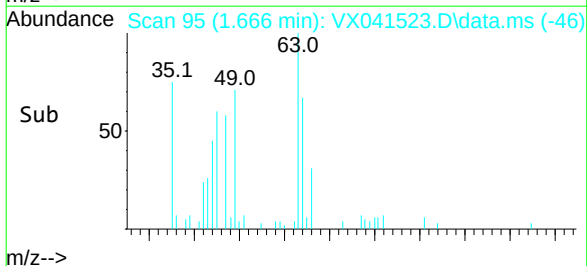
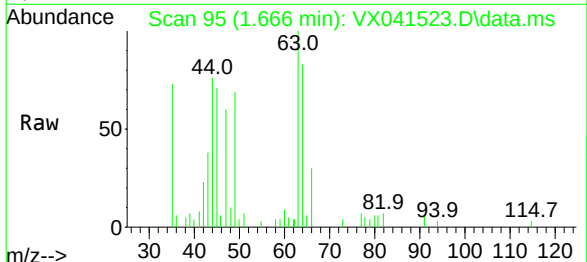
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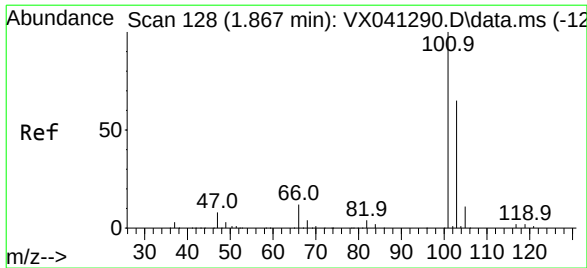
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#6
Chloroethane
Concen: 3.802 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

Tgt Ion: 64 Resp: 2295
Ion Ratio Lower Upper
64 100
66 36.6 25.1 37.7





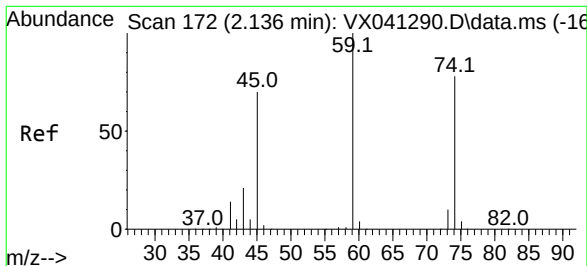
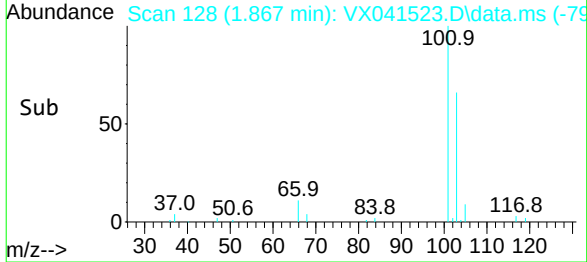
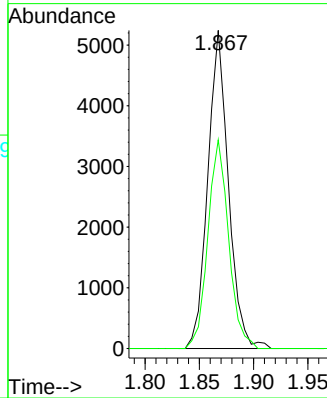
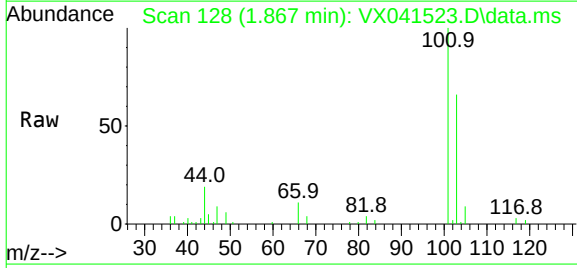
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 Trichlorofluoromethane
 Concen: 3.093 ug/l
 RT: 1.867 min Scan# 128
 Delta R.T. -0.000 min
 Lab File: VX041523.D
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Instrument : MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 101 Resp: 6934
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.4 77.2

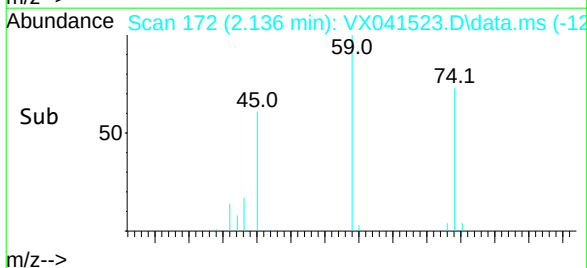
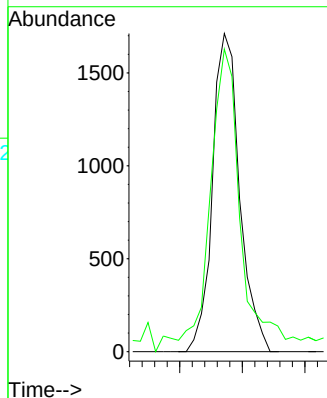
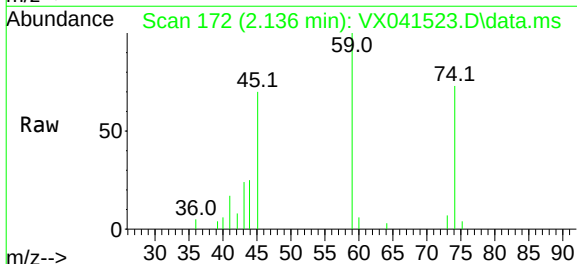
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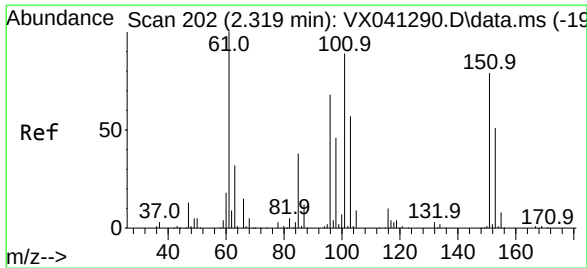
Reviewed By : John Carlone 05/15/2024
 Supervised By : Mahesh Dadoda 05/15/2024



#8
 Diethyl Ether
 Concen: 3.265 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX041523.D
 Acq: 14 May 2024 16:45

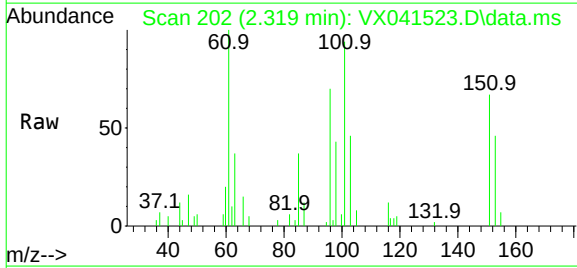
Tgt Ion: 74 Resp: 2580
 Ion Ratio Lower Upper
 74 100
 45 92.9 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.372 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

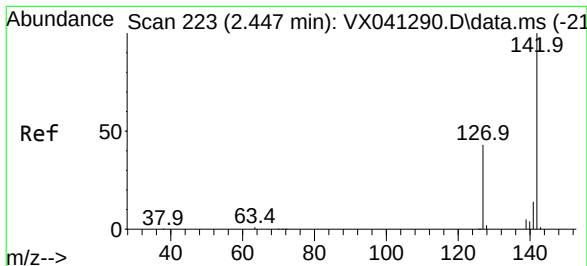
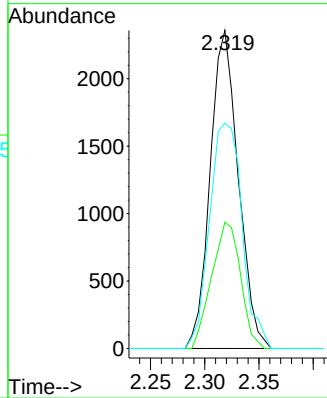
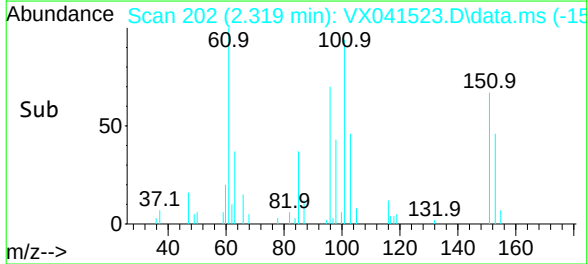
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion:101 Resp: 4249
Ion Ratio Lower Upper
101 100
85 40.7 37.0 55.6
151 82.2 58.6 87.8

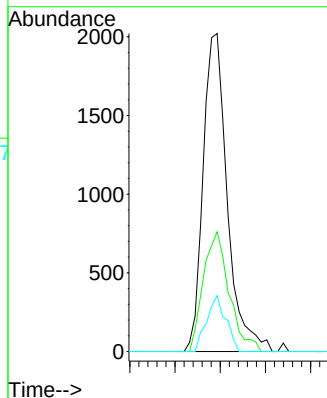
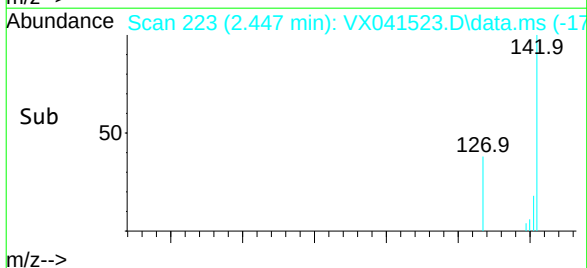
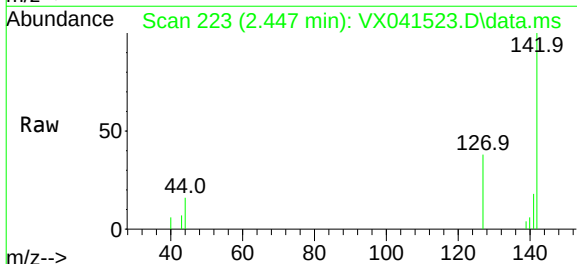
Manual Integrations
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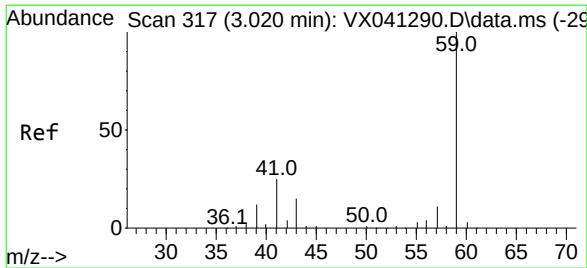
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#10
Methyl Iodide
Concen: 2.769 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

Tgt Ion:142 Resp: 3755
Ion Ratio Lower Upper
142 100
127 40.2 41.6 62.4#
141 13.9 11.6 17.4





#11

Tert butyl alcohol

Concen: 13.387 ug/l

RT: 3.007 min Scan# 317

Delta R.T. -0.012 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

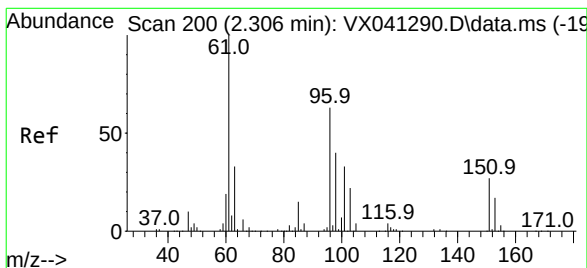
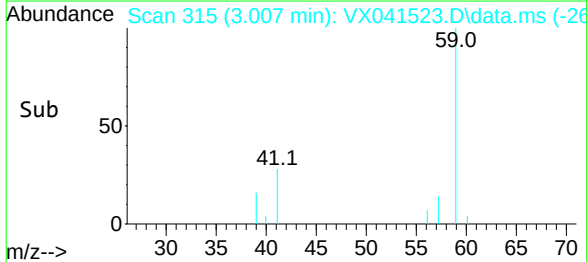
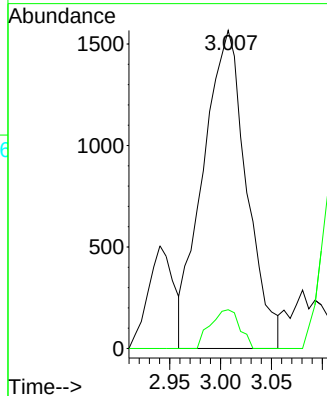
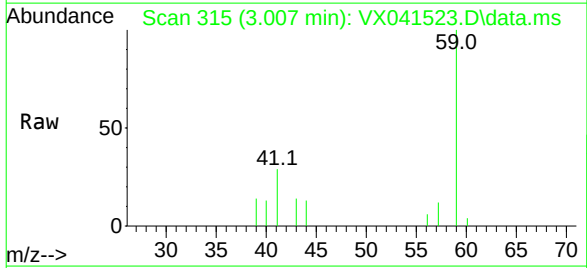
Tgt Ion	Ratio	Lower	Upper
59	100		
57	8.2	6.0	9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#12

1,1-Dichloroethene

Concen: 3.062 ug/l

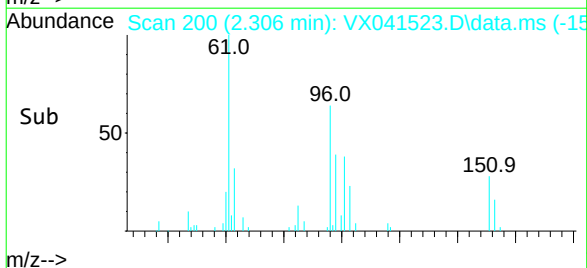
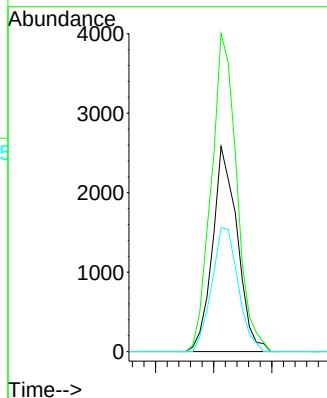
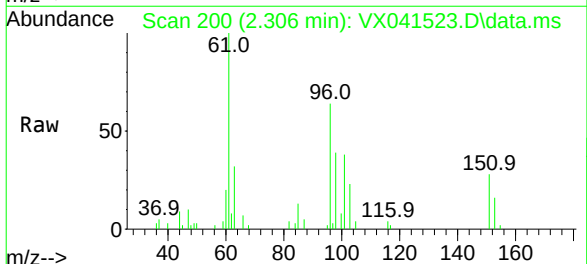
RT: 2.306 min Scan# 200

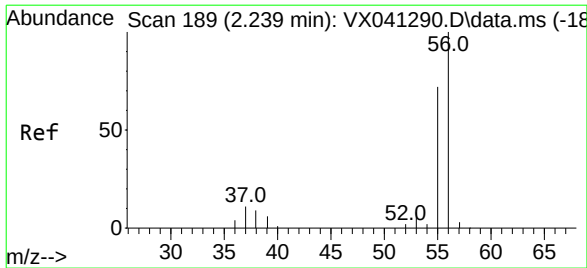
Delta R.T. -0.000 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.1	144.6	216.8
98	60.4	50.4	75.6





#13

Acrolein

Concen: 11.595 ug/l

RT: 2.239 min Scan# 18

Delta R.T. -0.000 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

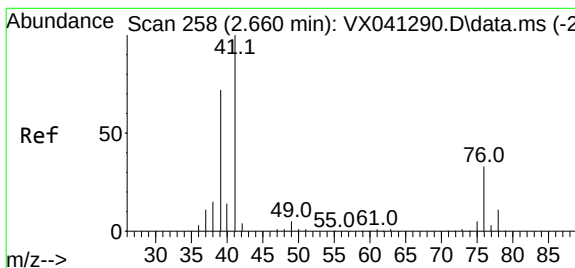
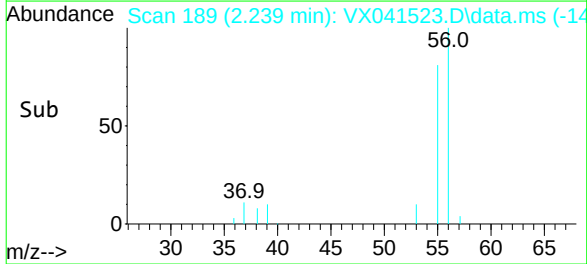
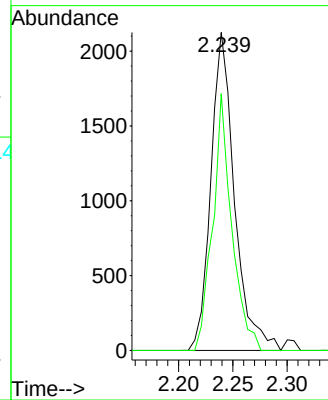
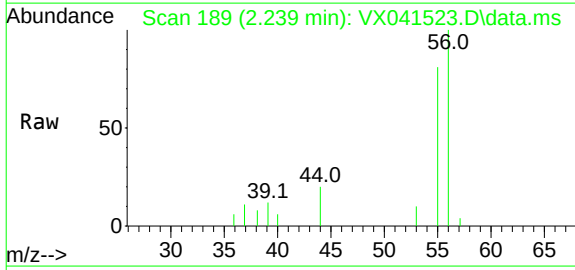
Tgt	Ion:	56	Resp:	3215
Ion	Ratio	Lower	Upper	
56	100			
55	65.2	57.1	85.7	

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#14

Allyl chloride

Concen: 2.936 ug/l

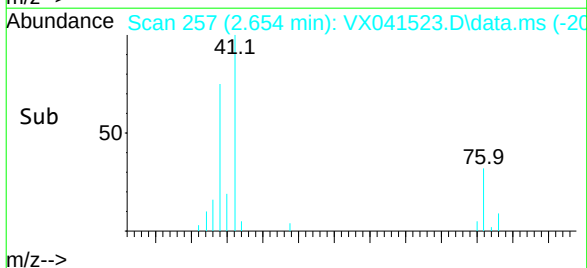
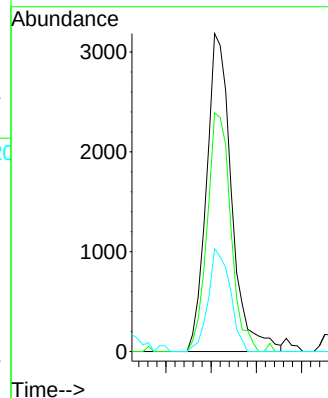
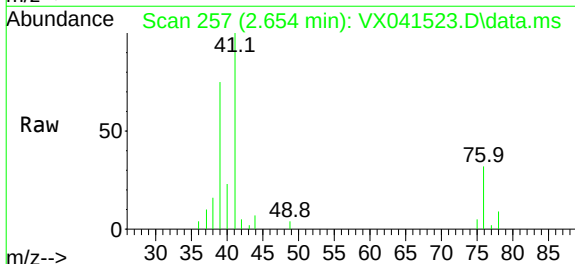
RT: 2.654 min Scan# 257

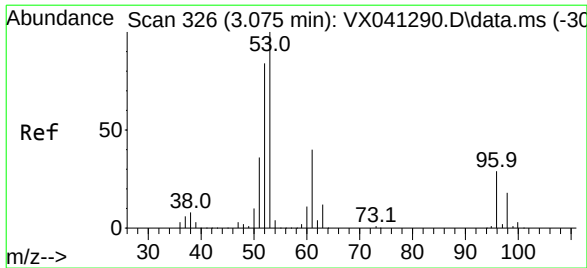
Delta R.T. -0.006 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Tgt	Ion:	41	Resp:	6132
Ion	Ratio	Lower	Upper	
41	100			
39	70.3	55.8	83.6	
76	28.2	24.3	36.5	





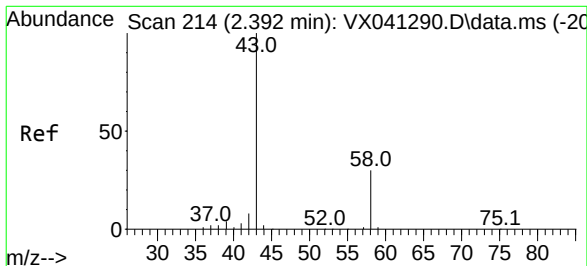
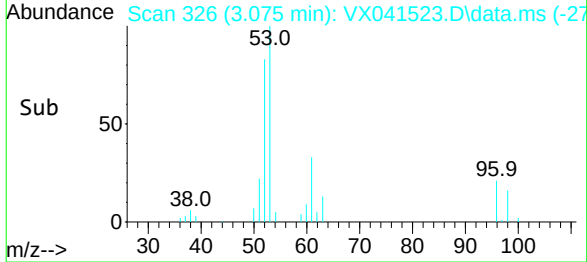
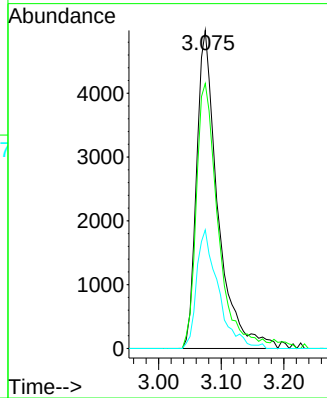
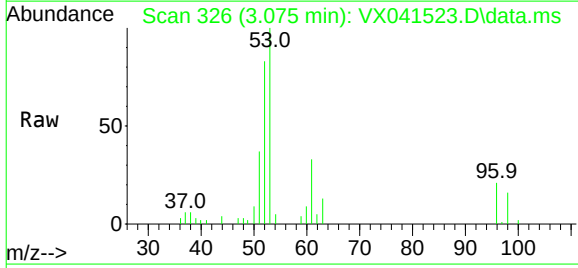
#15
Acrylonitrile
Concen: 14.691 ug/l
RT: 3.075 min Scan# 326
Delta R.T. -0.000 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

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

Tgt Ion: 53	Resp: 11719
Ion Ratio Lower Upper	
53 100	
52 85.9 66.0 99.0	
51 38.4 29.8 44.6	

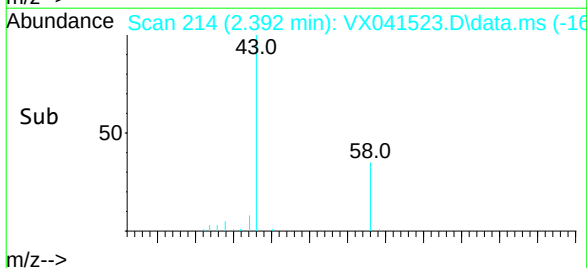
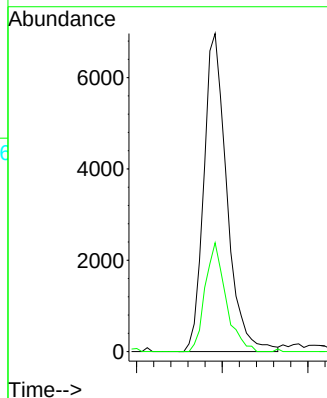
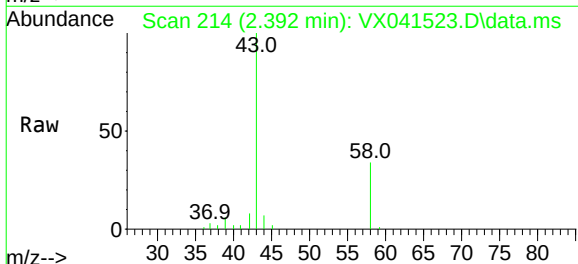
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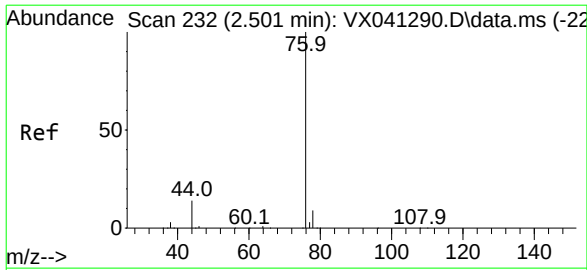
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#16
Acetone
Concen: 14.255 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

Tgt Ion: 43	Resp: 12999
Ion Ratio Lower Upper	
43 100	
58 34.2 21.9 32.9	





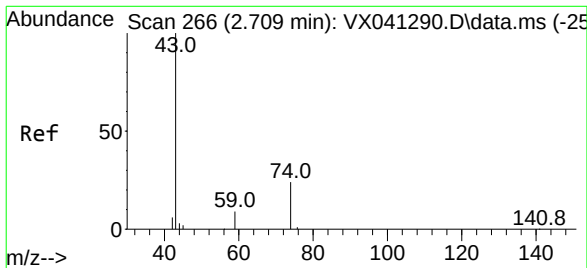
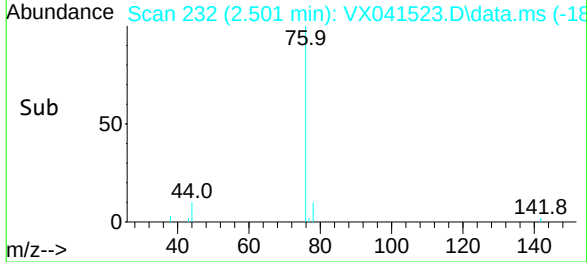
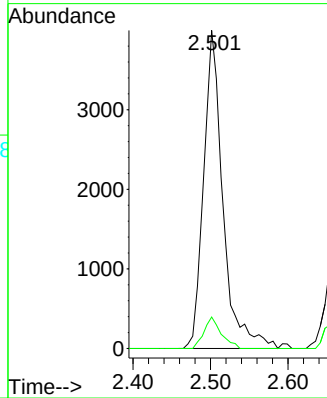
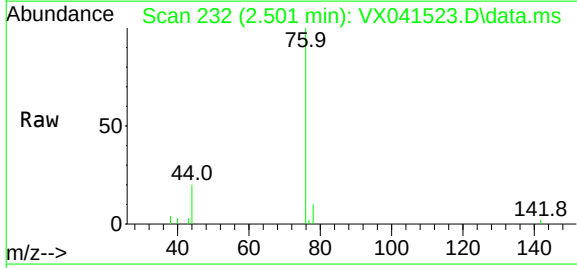
#17
Carbon Disulfide
Concen: 2.367 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

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

Tgt Ion: 76 Resp: 6916
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6

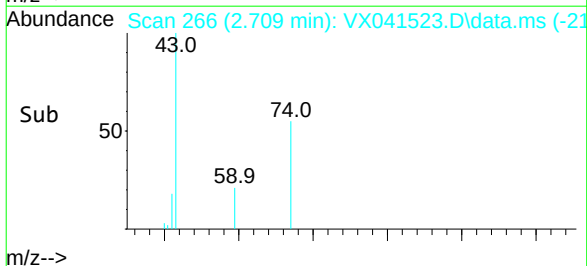
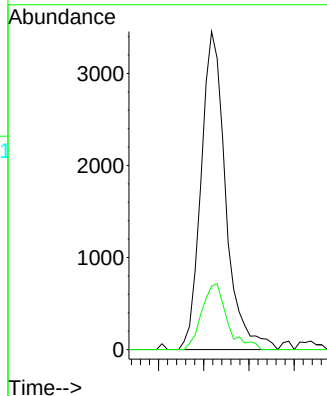
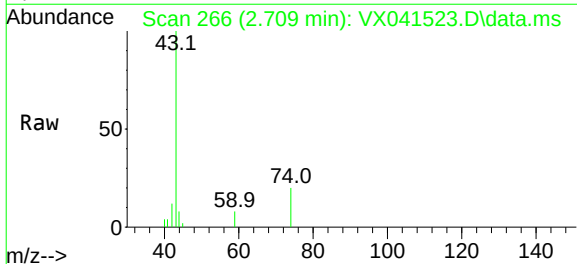
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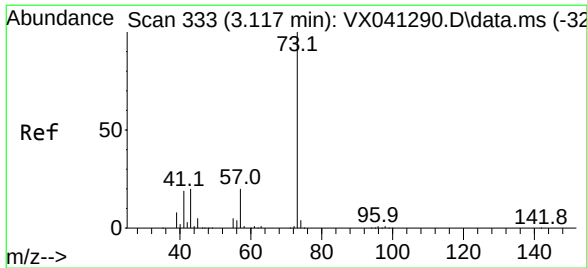
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#18
Methyl Acetate
Concen: 3.658 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

Tgt Ion: 43 Resp: 6535
Ion Ratio Lower Upper
43 100
74 21.4 17.8 26.8





#19

Methyl tert-butyl Ether

Concen: 2.832 ug/l

RT: 3.123 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 73 Resp: 12834

Ion Ratio Lower Upper

73 100

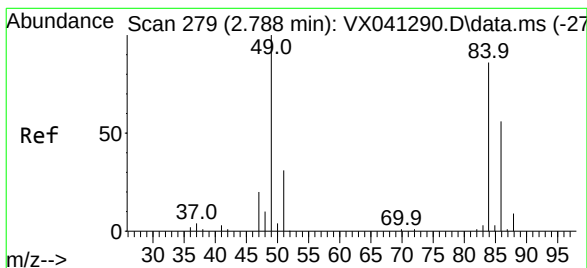
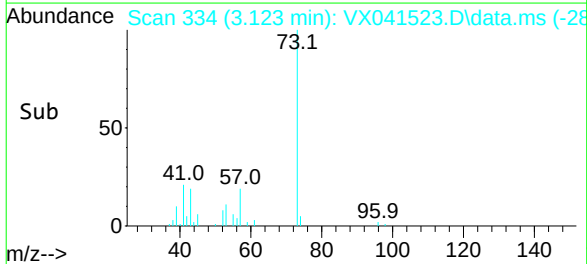
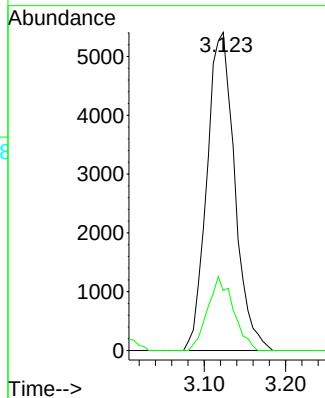
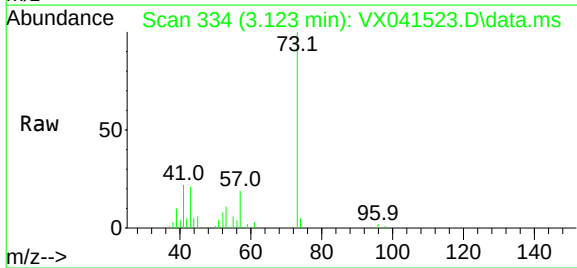
57 18.9 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#20

Methylene Chloride

Concen: 3.643 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Tgt Ion: 84 Resp: 5522

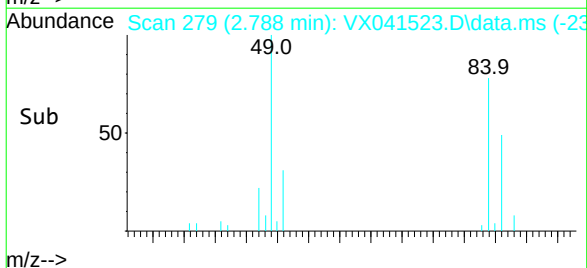
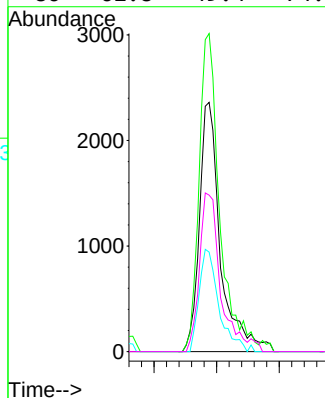
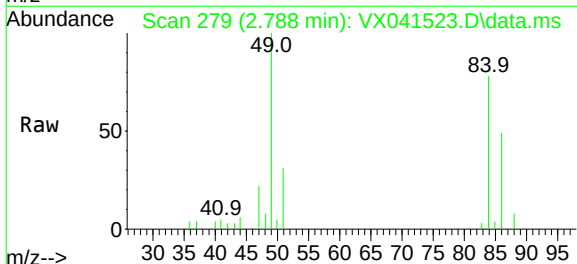
Ion Ratio Lower Upper

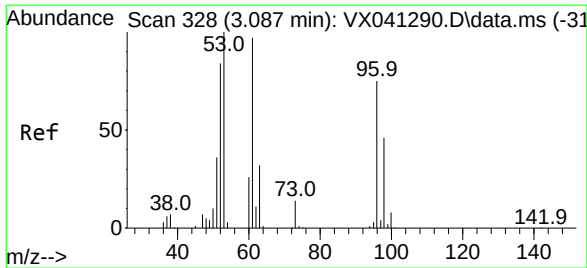
84 100

49 127.6 103.6 155.4

51 39.9 33.8 50.6

86 62.8 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 2.770 ug/l

RT: 3.087 min Scan# 328

Delta R.T. -0.000 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

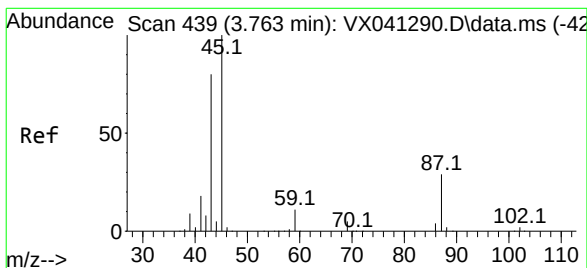
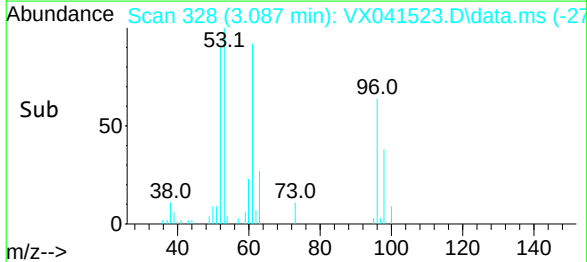
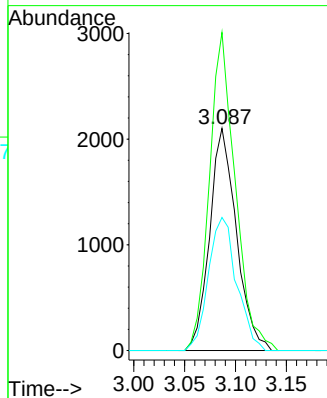
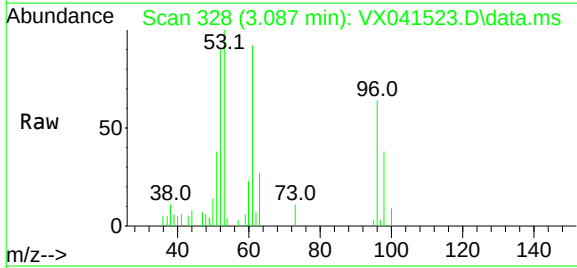
Tgt	Ion:	96	Resp:	3848
Ion	Ratio	Lower	Upper	
96	100			
61	143.2	119.2	178.8	
98	59.9	48.7	73.1	

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#22

Diisopropyl ether

Concen: 2.959 ug/l

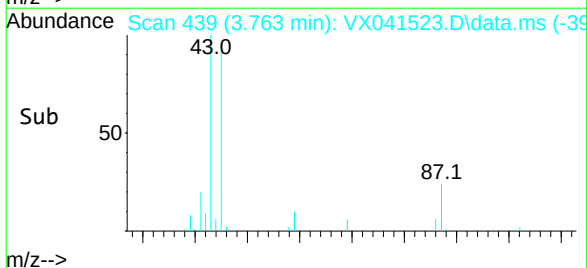
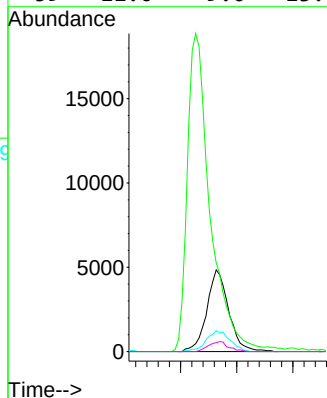
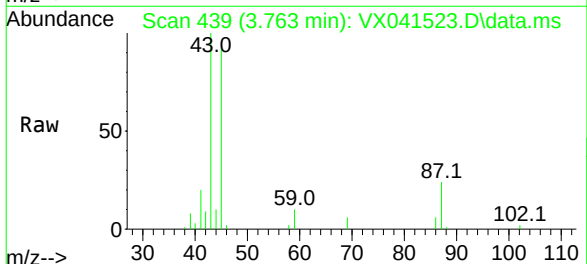
RT: 3.763 min Scan# 439

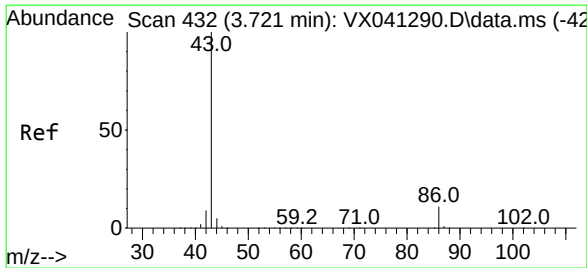
Delta R.T. -0.000 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Tgt	Ion:	45	Resp:	13098
Ion	Ratio	Lower	Upper	
45	100			
43	104.2	69.7	104.5	
87	25.6	20.8	31.2	
59	11.0	9.0	13.4	





#23

Vinyl Acetate

Concen: 13.405 ug/l

RT: 3.727 min Scan# 43

Delta R.T. 0.006 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 43 Resp: 53072

Ion Ratio Lower Upper

43 100

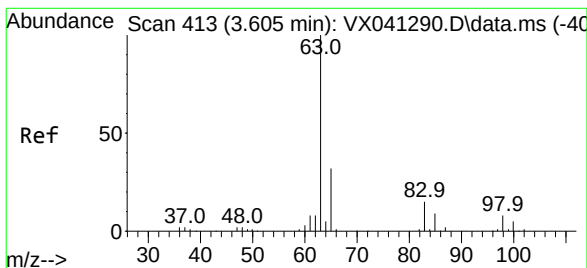
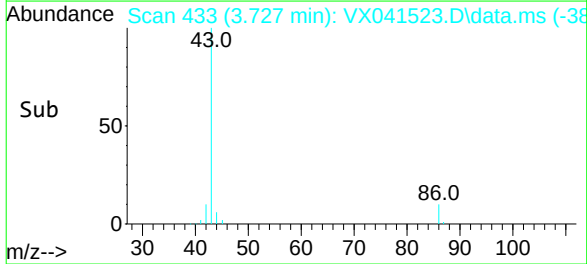
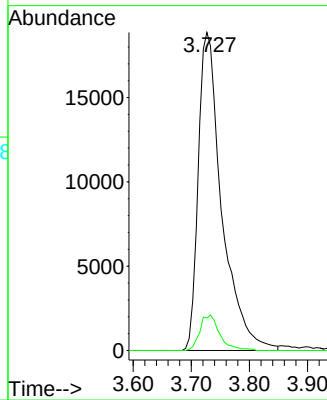
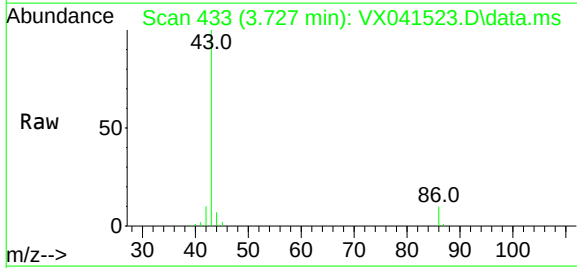
86 10.2 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#24

1,1-Dichloroethane

Concen: 2.918 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

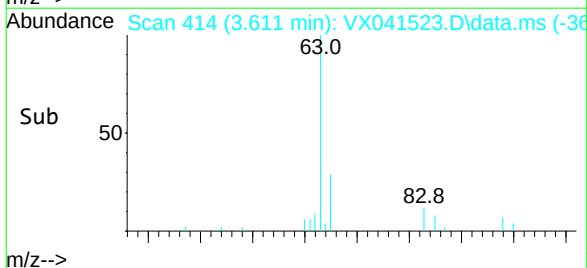
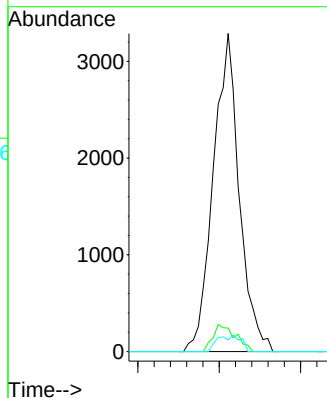
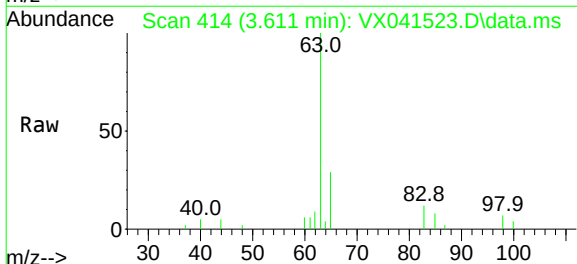
Tgt Ion: 63 Resp: 7297

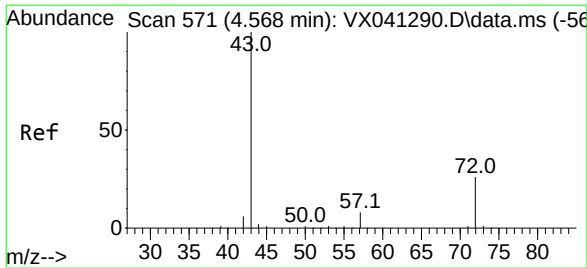
Ion Ratio Lower Upper

63 100

98 7.4 3.3 9.8

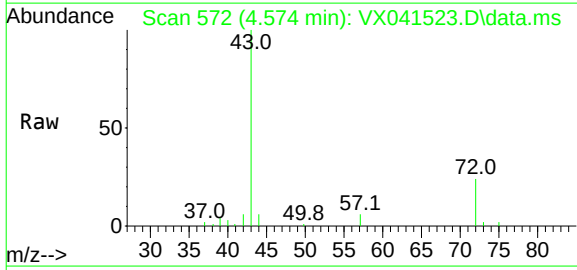
100 3.7 2.1 6.5





#25
2-Butanone
Concen: 15.025 ug/l
RT: 4.574 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

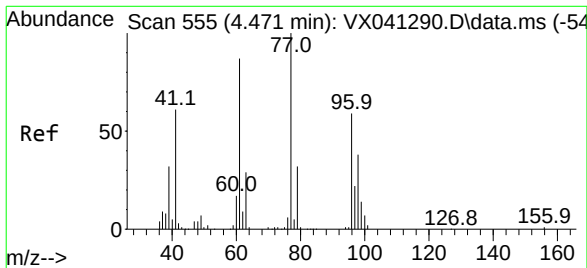
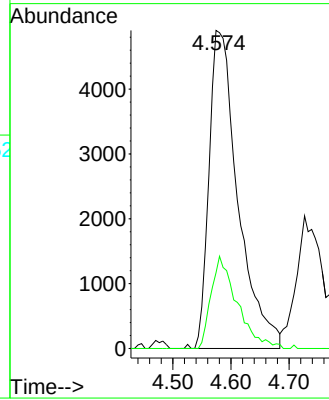
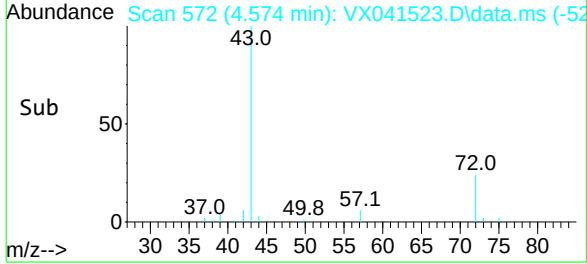
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 43 Resp: 16982
Ion Ratio Lower Upper
43 100
72 23.8 19.4 29.2

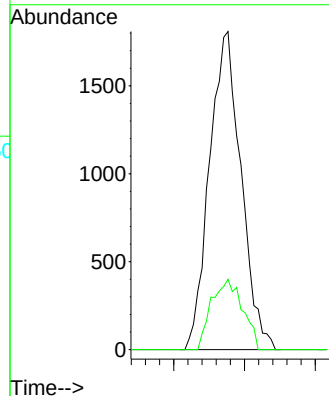
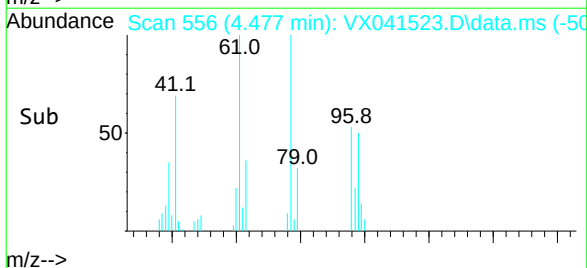
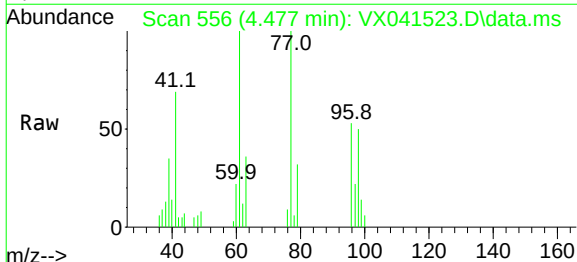
Manual Integrations
APPROVED

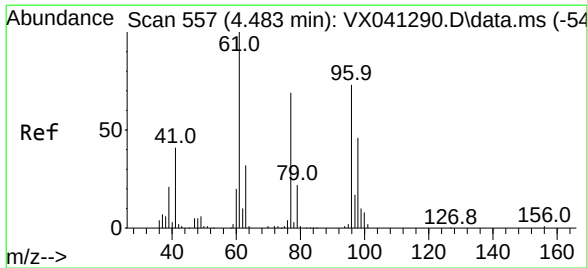
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#26
2,2-Dichloropropane
Concen: 2.681 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

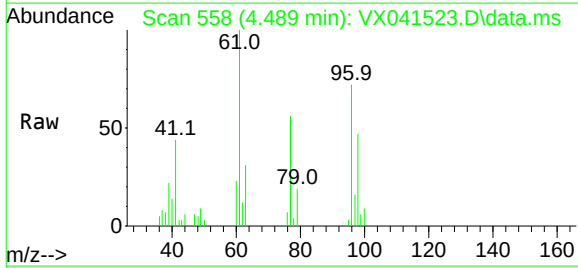
Tgt Ion: 77 Resp: 5604
Ion Ratio Lower Upper
77 100
97 21.8 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 2.831 ug/l
RT: 4.489 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

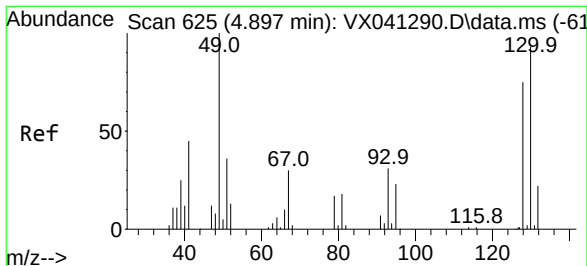
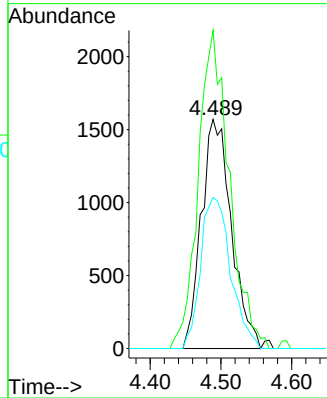
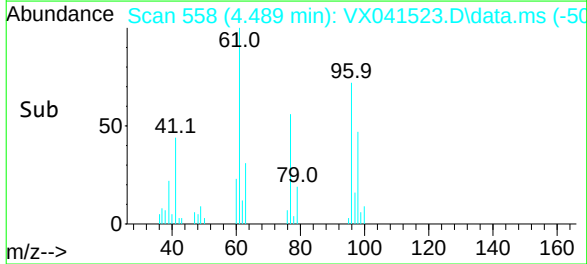
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



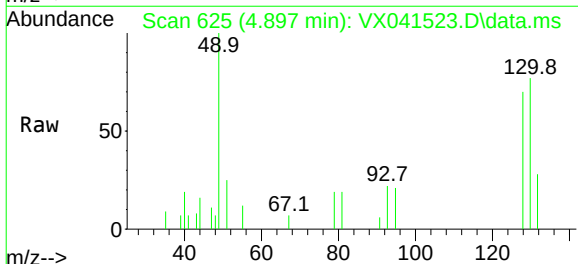
Tgt Ion: 96 Resp: 4656
Ion Ratio Lower Upper
96 100
61 142.3 0.0 312.2
98 65.7 0.0 129.0

Manual Integrations
APPROVED

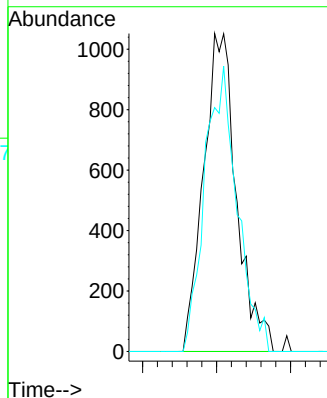
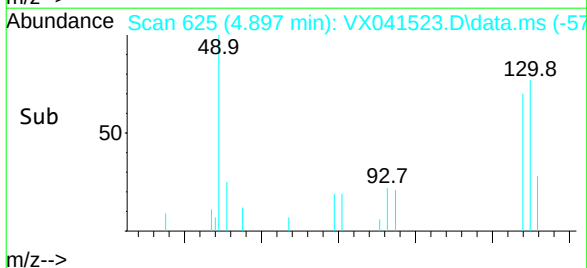
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

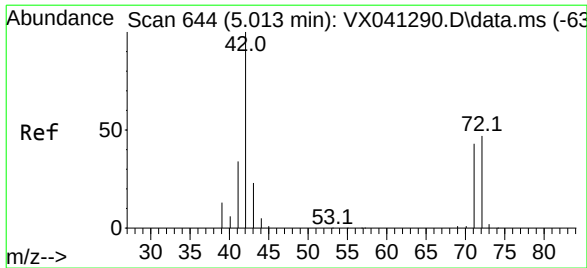


#28
Bromochloromethane
Concen: 3.658 ug/l
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45



Tgt Ion: 49 Resp: 3264
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 87.8 57.5 86.3#





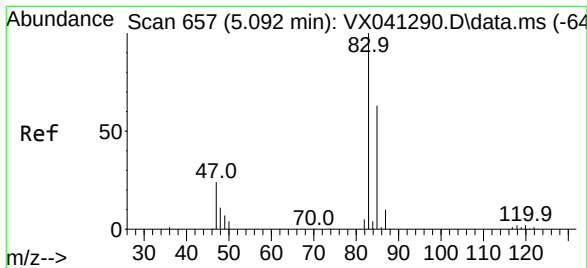
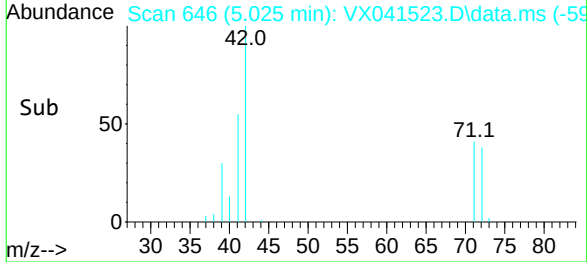
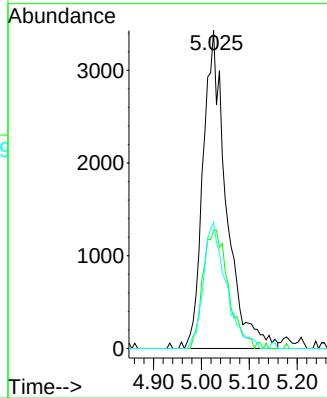
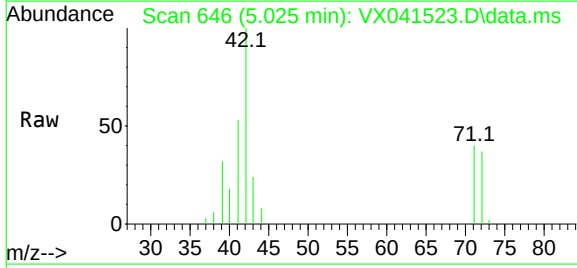
#29
Tetrahydrofuran
Concen: 15.737 ug/l
RT: 5.025 min Scan# 64
Delta R.T. 0.012 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

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

Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.3	34.2	51.4
71	38.6	32.2	48.2

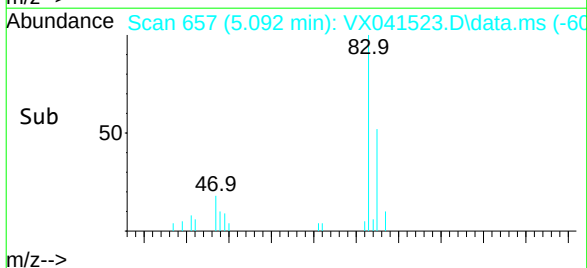
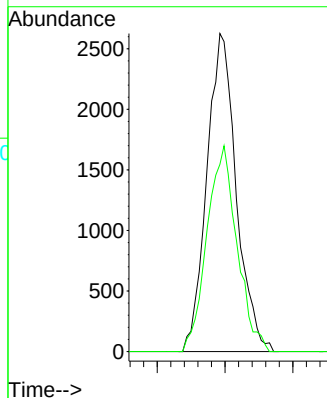
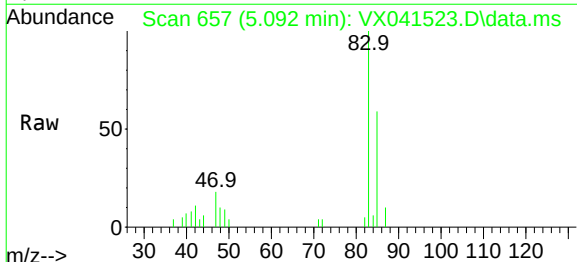
Manual Integrations
APPROVED

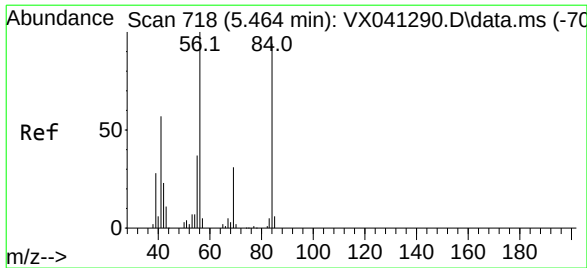
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#30
Chloroform
Concen: 3.043 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.9	50.3	75.5





#31

Cyclohexane

Concen: 2.836 ug/l

RT: 5.470 min Scan# 718

Delta R.T. 0.006 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

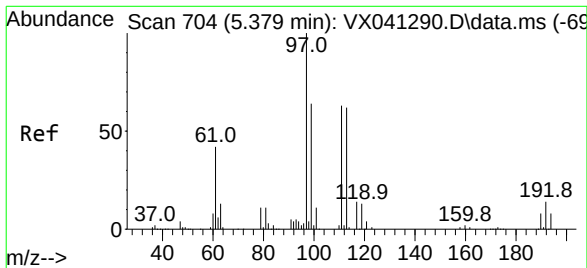
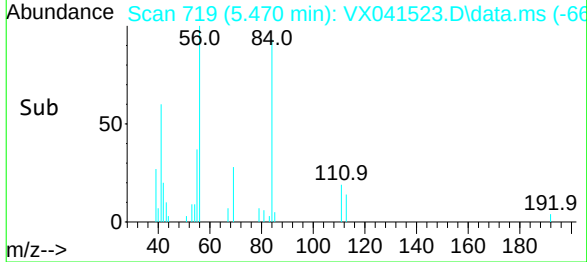
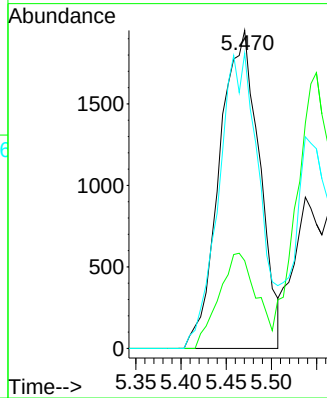
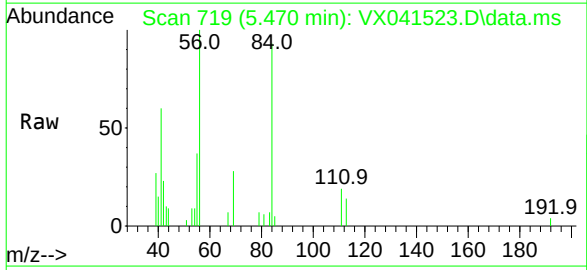
Tgt Ion:	56	Resp:	5978
Ion	Ratio	Lower	Upper
56	100		
69	27.6	23.4	35.2
84	92.8	65.9	98.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#32

1,1,1-Trichloroethane

Concen: 2.839 ug/l

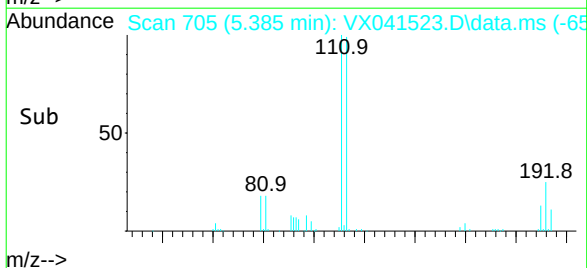
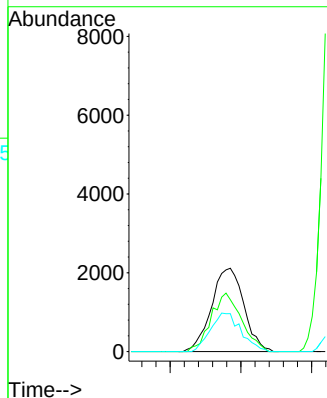
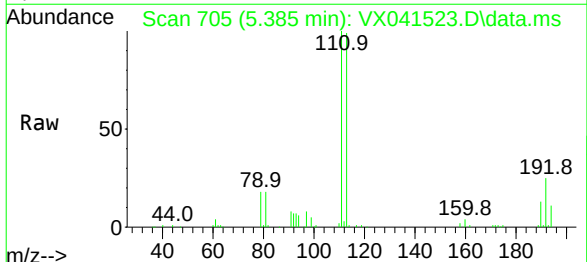
RT: 5.385 min Scan# 705

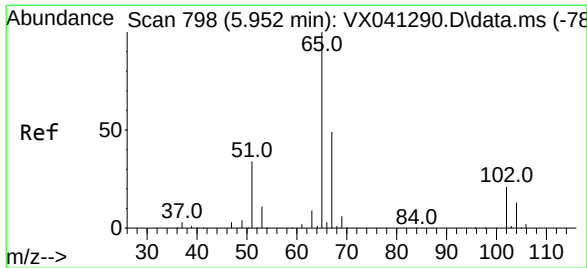
Delta R.T. 0.006 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Tgt Ion:	97	Resp:	6720
Ion	Ratio	Lower	Upper
97	100		
99	66.1	51.1	76.7
61	43.8	36.4	54.6





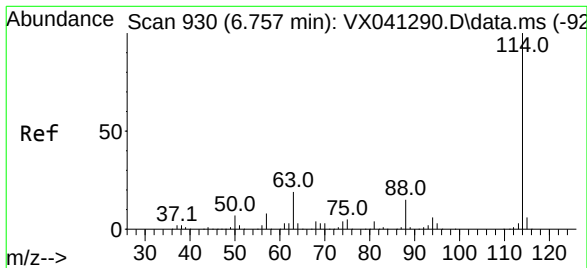
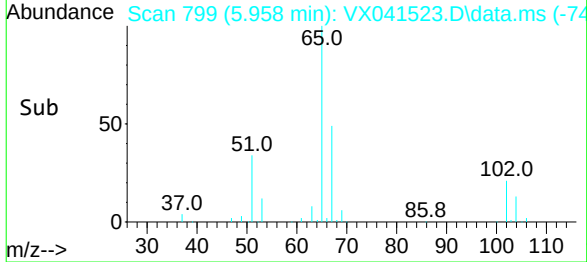
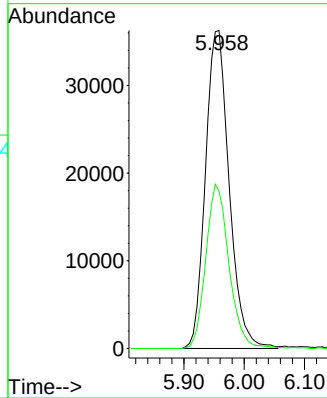
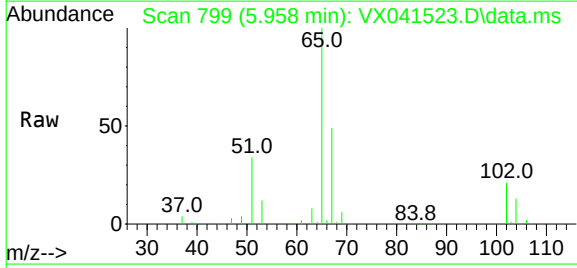
#33
1,2-Dichloroethane-d4
Concen: 56.695 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

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

Tgt Ion: 65 Resp: 99003
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.2

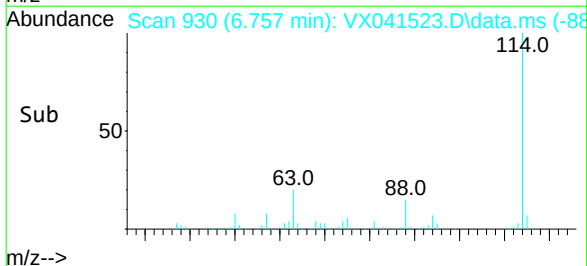
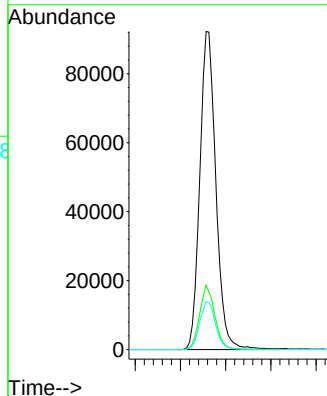
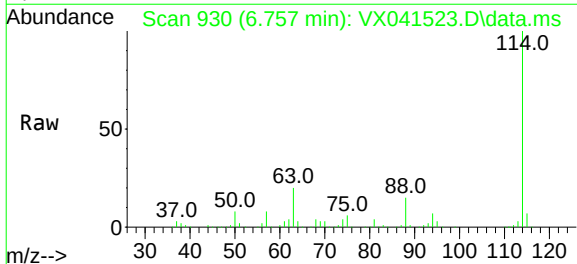
Manual Integrations
APPROVED

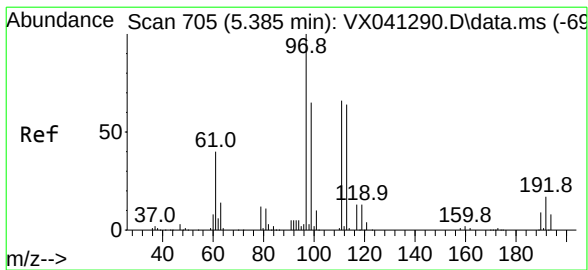
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

Tgt Ion:114 Resp: 227930
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 15.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.751 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

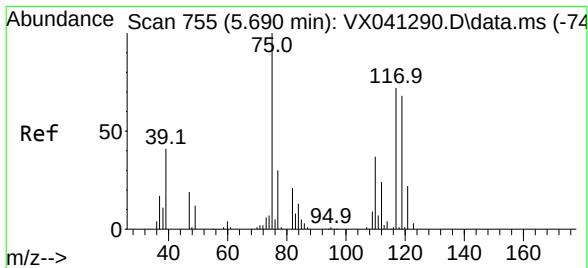
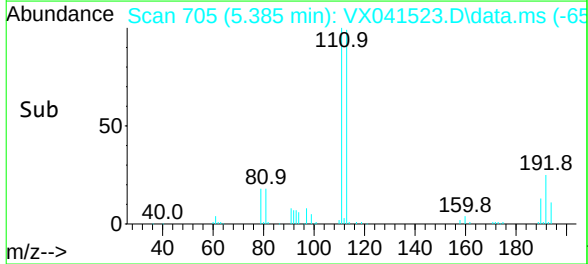
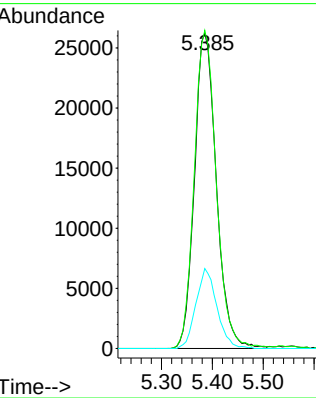
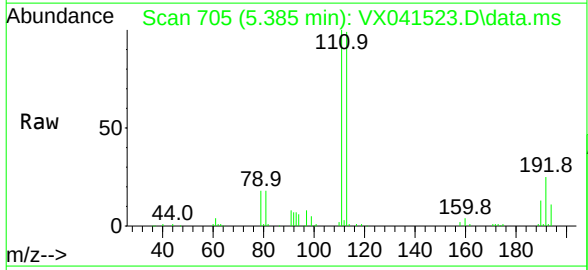
Tgt Ion:	113	Resp:	78391
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.9	124.3
192	24.3	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#36

1,1-Dichloropropene

Concen: 2.755 ug/l

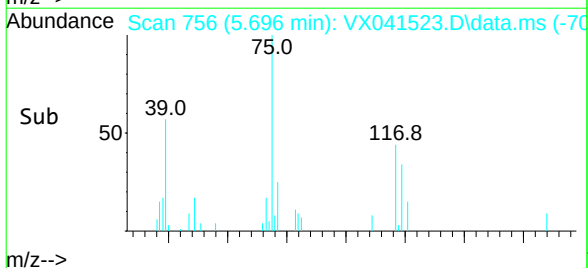
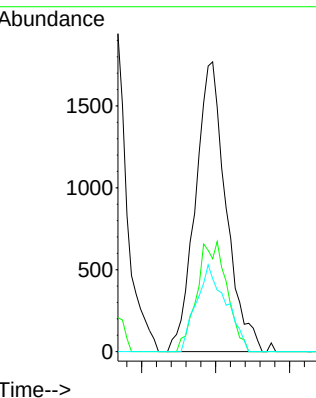
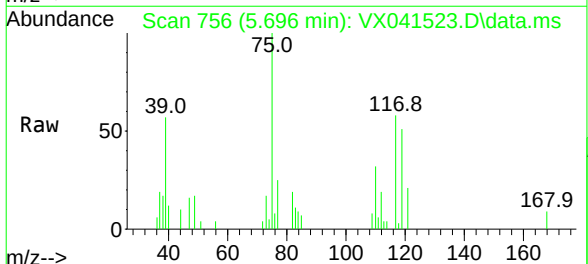
RT: 5.696 min Scan# 756

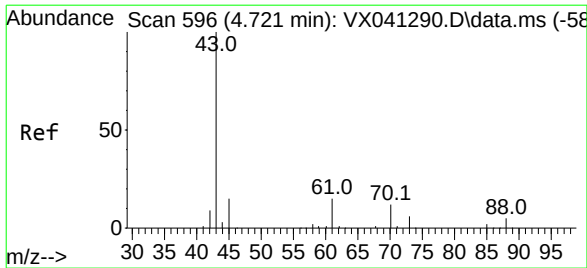
Delta R.T. 0.006 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Tgt Ion:	75	Resp:	5088
Ion	Ratio	Lower	Upper
75	100		
110	37.0	17.0	50.9
77	28.9	24.7	37.1





#37

Ethyl Acetate

Concen: 3.174 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

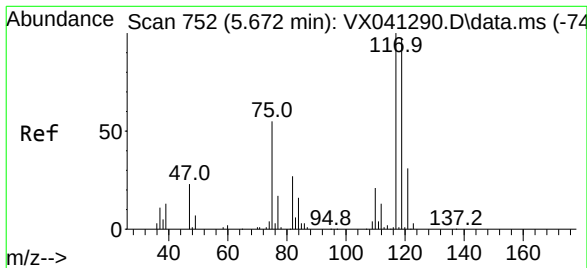
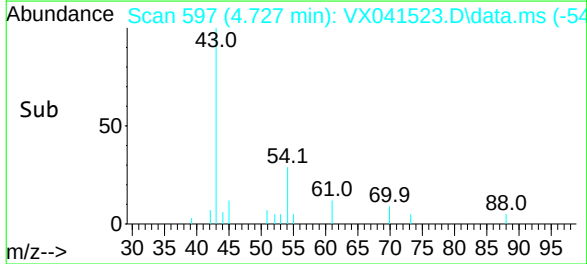
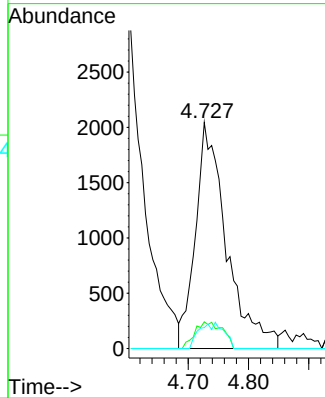
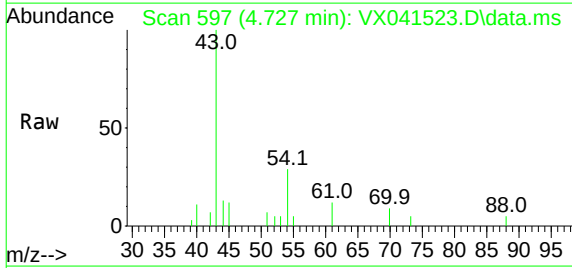
Tgt Ion: 43	Resp: 7314
Ion Ratio	Lower Upper
43 100	
61 10.6	10.6 16.0
70 5.1	8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#38

Carbon Tetrachloride

Concen: 2.632 ug/l

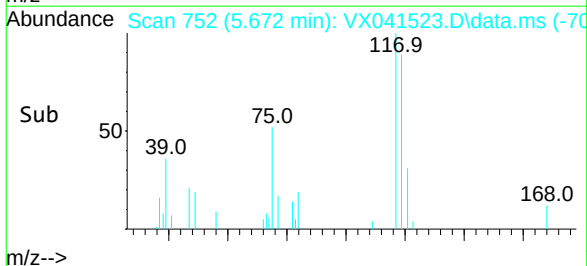
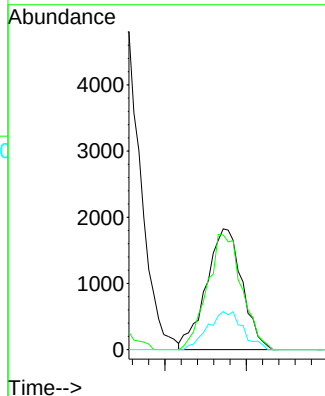
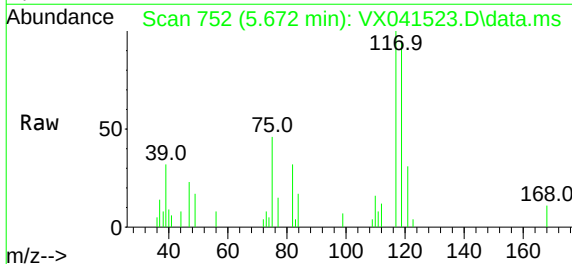
RT: 5.672 min Scan# 752

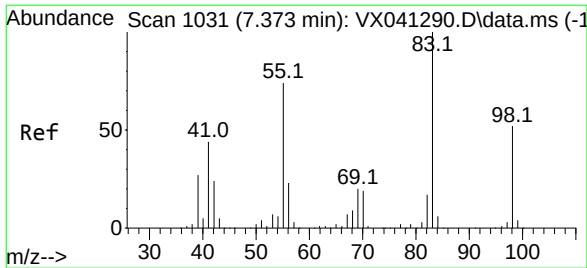
Delta R.T. -0.000 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Tgt Ion: 117	Resp: 5569
Ion Ratio	Lower Upper
117 100	
119 95.0	78.2 117.2
121 31.5	24.4 36.6





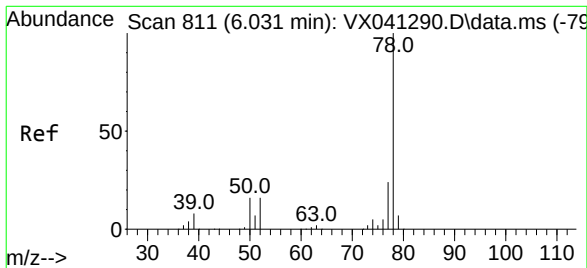
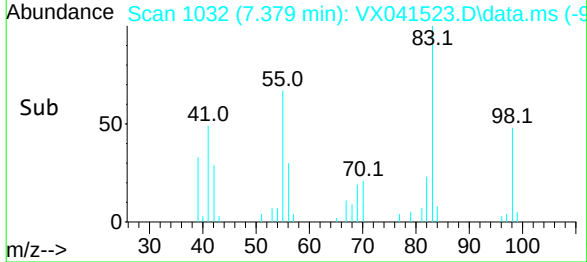
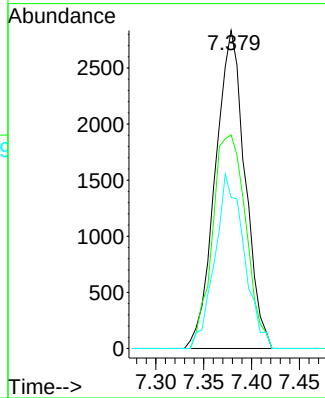
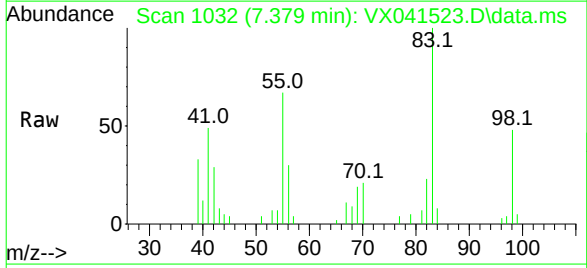
#39
Methylcyclohexane
Concen: 2.824 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

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

Tgt Ion	Ratio	Lower	Upper
83	100		
55	67.2	64.6	97.0
98	47.5	36.7	55.1

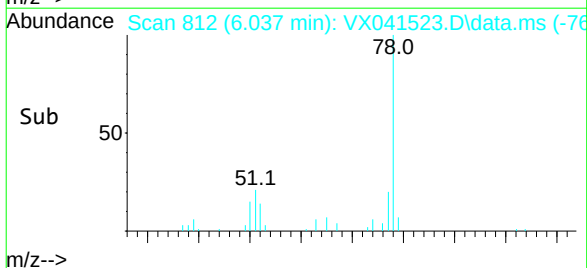
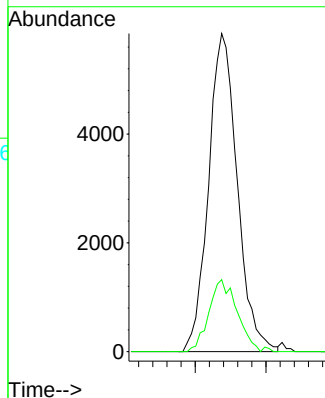
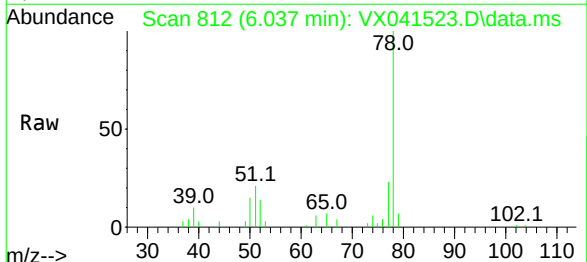
Manual Integrations
APPROVED

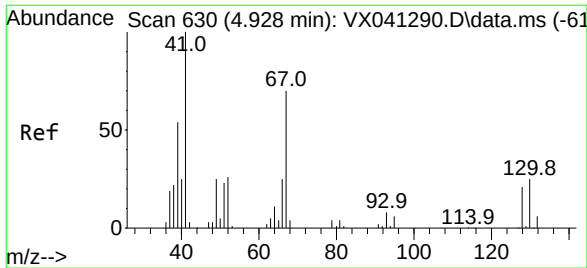
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#40
Benzene
Concen: 2.898 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.3	28.9





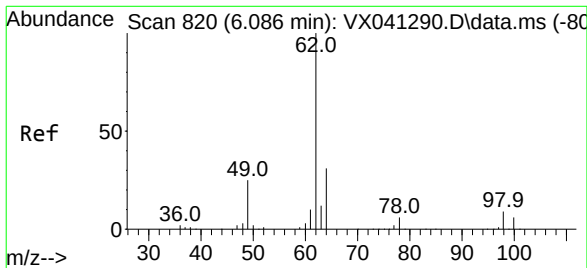
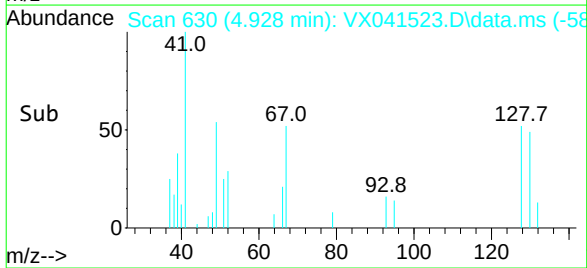
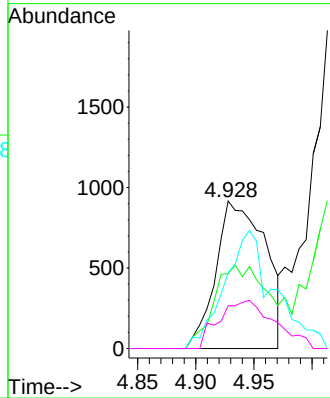
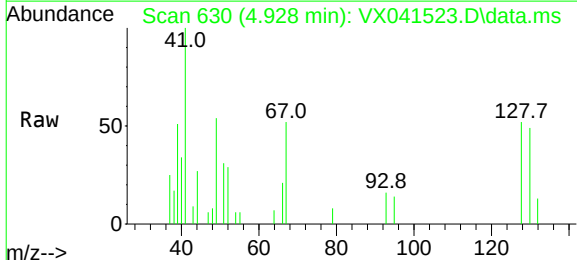
#41
Methacrylonitrile
Concen: 2.292 ug/l
RT: 4.928 min Scan# 630
Delta R.T. -0.000 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

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

Tgt Ion: 41	Resp: 2718
Ion Ratio	Lower Upper
41 100	
39 59.5	45.2 67.8
67 80.3	52.6 78.8
52 36.8	22.7 34.1

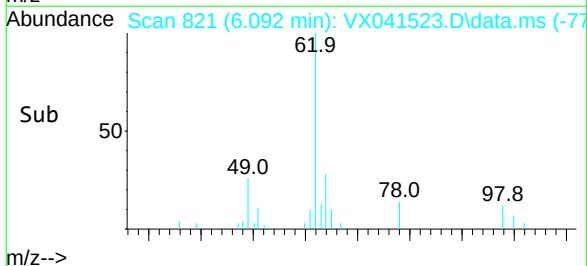
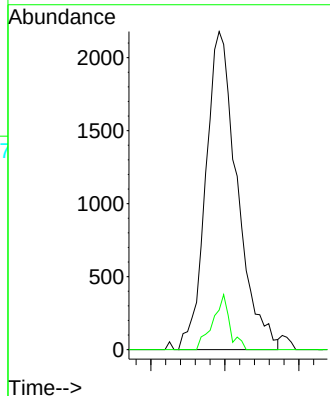
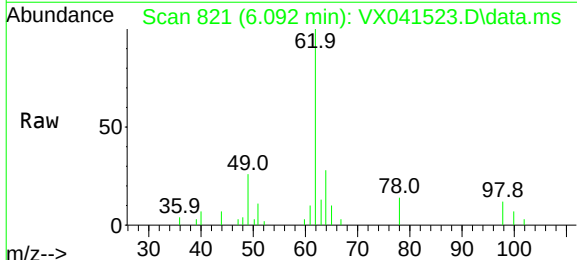
Manual Integrations
APPROVED

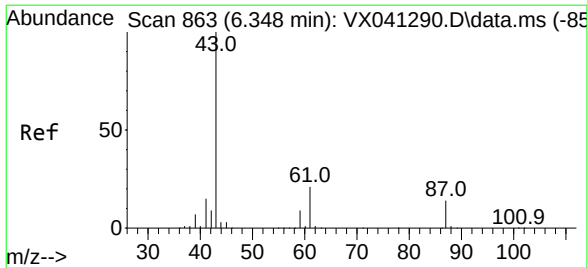
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#42
1,2-Dichloroethane
Concen: 3.081 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

Tgt Ion: 62	Resp: 6430
Ion Ratio	Lower Upper
62 100	
98 9.3	0.0 16.0





#43

Isopropyl Acetate

Concen: 2.923 ug/l

RT: 6.354 min Scan# 86

Delta R.T. 0.006 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

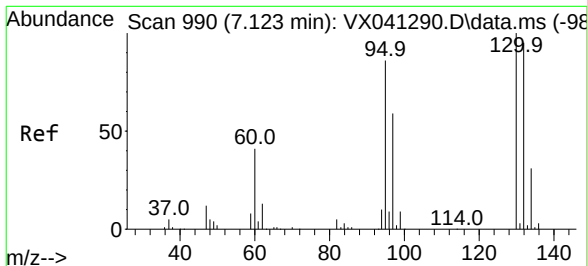
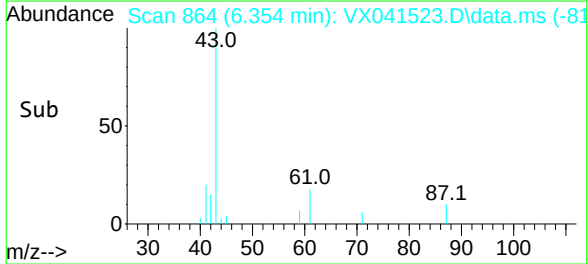
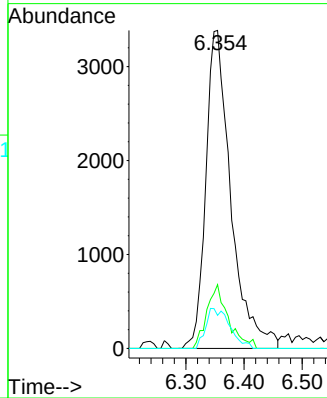
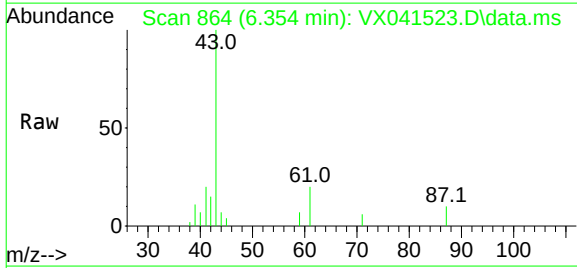
Tgt Ion: 43	Resp: 10129
Ion Ratio	Lower Upper
43 100	
61 17.2	15.2 22.8
87 12.1	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#44

Trichloroethene

Concen: 2.946 ug/l

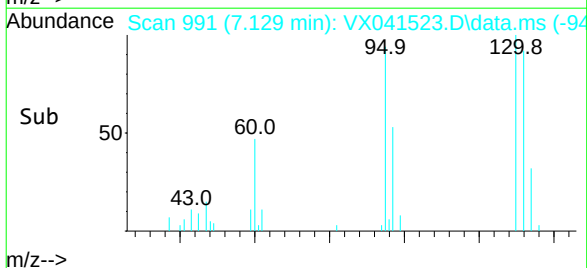
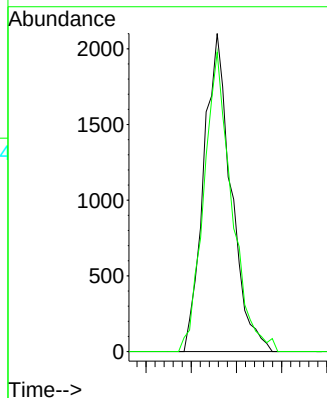
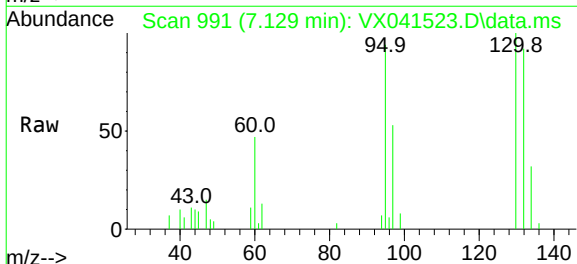
RT: 7.129 min Scan# 991

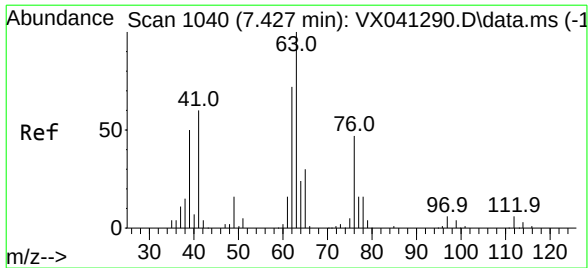
Delta R.T. 0.006 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Tgt Ion:130	Resp: 4430
Ion Ratio	Lower Upper
130 100	
95 94.1	0.0 204.4





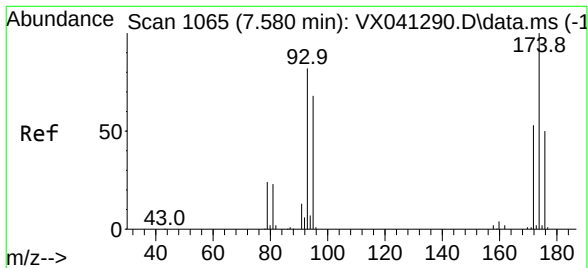
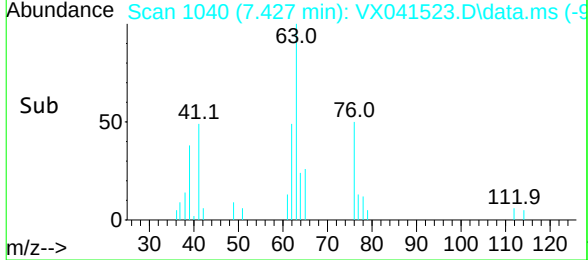
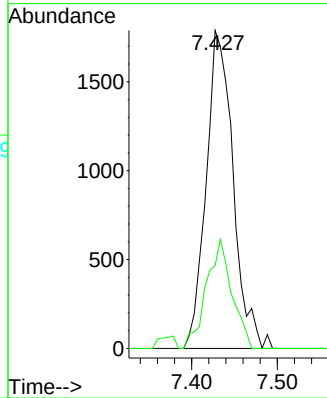
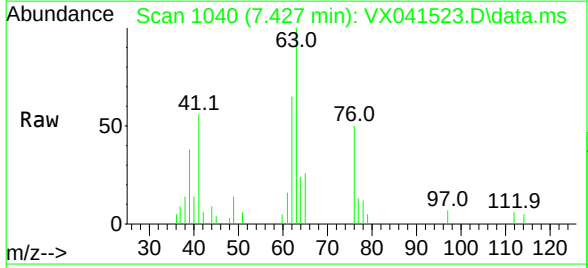
#45
1,2-Dichloropropane
Concen: 3.073 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

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

Tgt Ion: 63 Resp: 3909
Ion Ratio Lower Upper
63 100
65 26.1 24.3 36.5

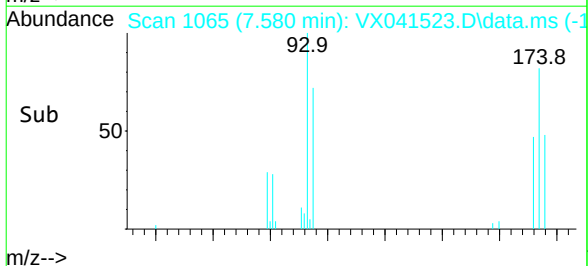
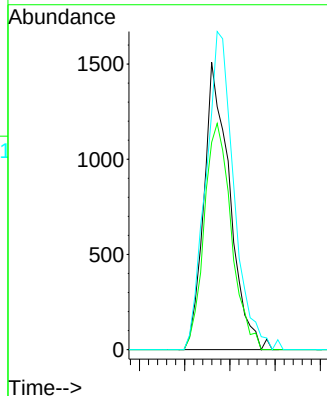
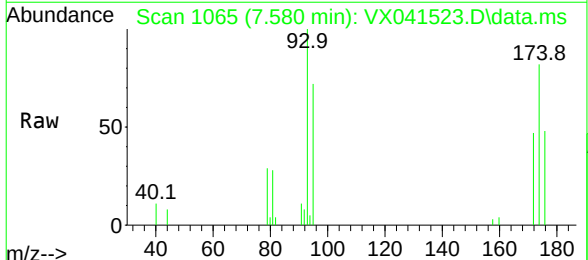
Manual Integrations
APPROVED

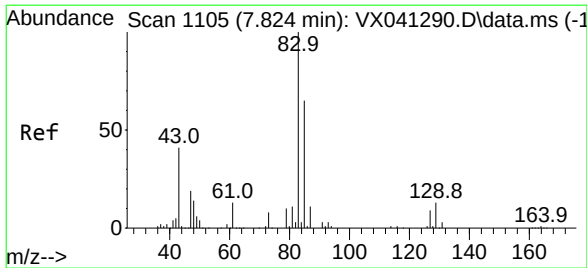
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#46
Dibromomethane
Concen: 2.937 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

Tgt Ion: 93 Resp: 2974
Ion Ratio Lower Upper
93 100
95 83.3 66.6 100.0
174 121.4 69.4 104.0#





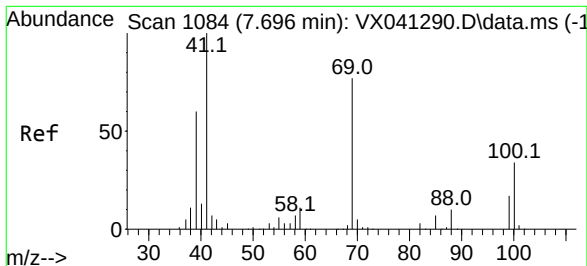
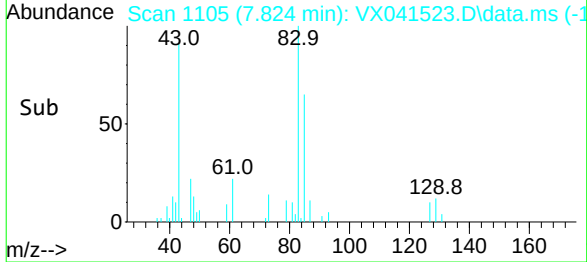
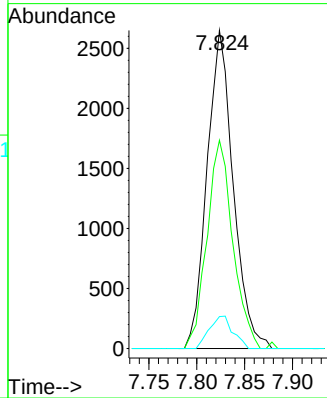
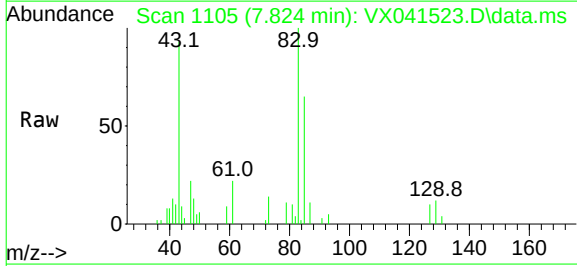
#47
Bromodichloromethane
Concen: 2.792 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

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

Tgt	Ion: 83	Resp: 5038
Ion	Ratio	Lower Upper
83	100	
85	65.5	49.8 74.6
127	10.0	7.1 10.7

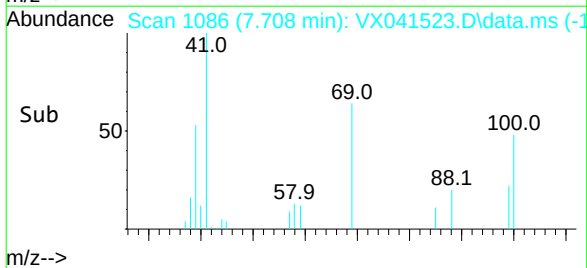
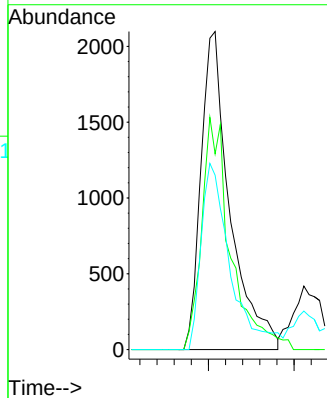
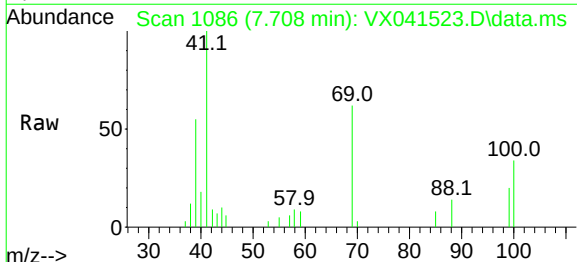
Manual Integrations
APPROVED

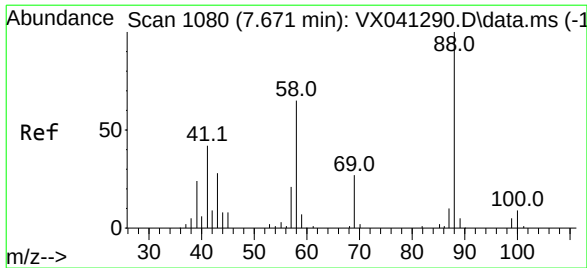
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#48
Methyl methacrylate
Concen: 3.107 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.012 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

Tgt	Ion: 41	Resp: 4935
Ion	Ratio	Lower Upper
41	100	
69	72.4	59.2 88.8
39	59.3	47.7 71.5





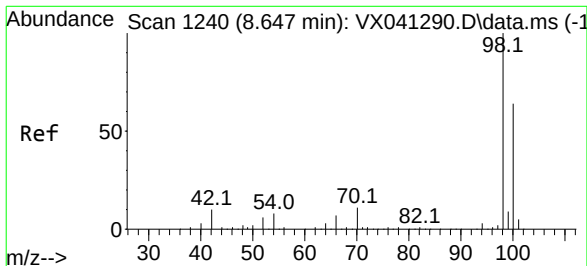
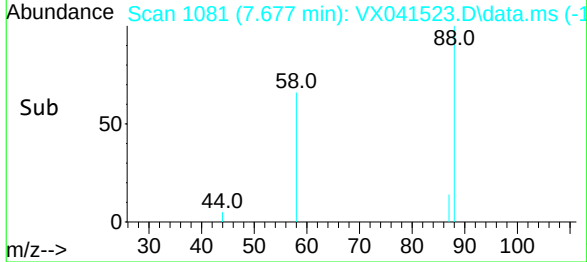
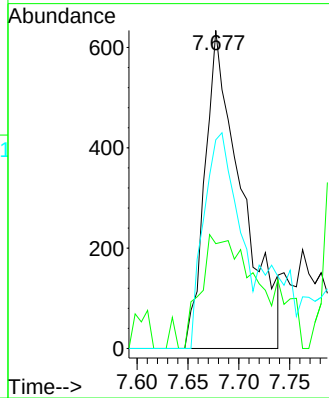
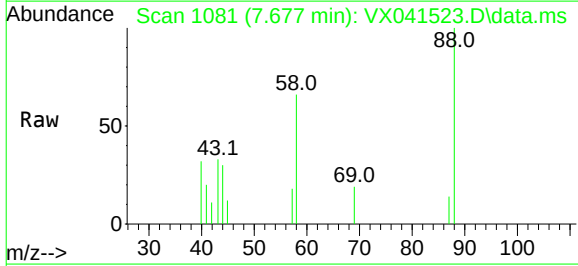
#49
1,4-Dioxane
Concen: 46.358 ug/l
RT: 7.677 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

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

Tgt Ion: 88 Resp: 1592
Ion Ratio Lower Upper
88 100
43 49.9 0.0 0.0#
58 64.8 60.1 90.1

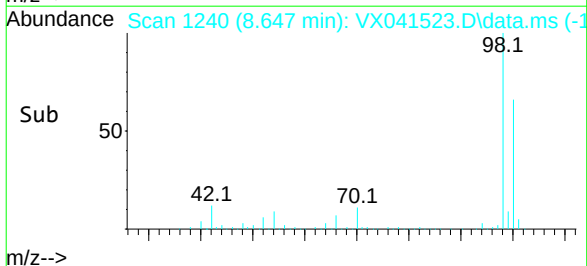
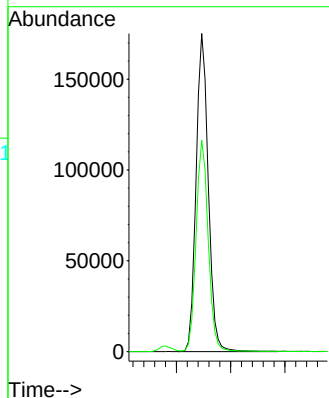
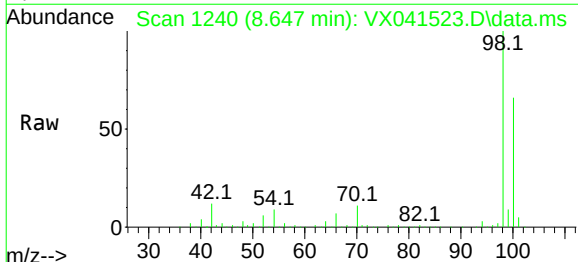
Manual Integrations
APPROVED

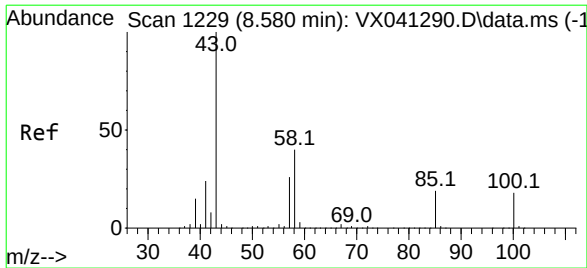
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#50
Toluene-d8
Concen: 55.868 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

Tgt Ion: 98 Resp: 273128
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 15.343 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 43 Resp: 31902

Ion Ratio Lower Upper

43 100

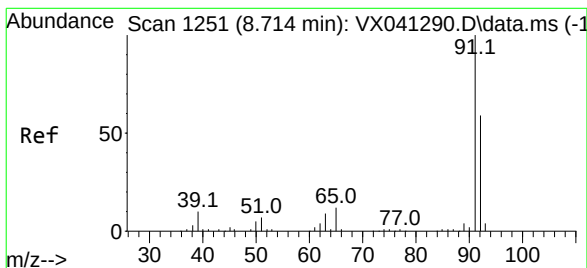
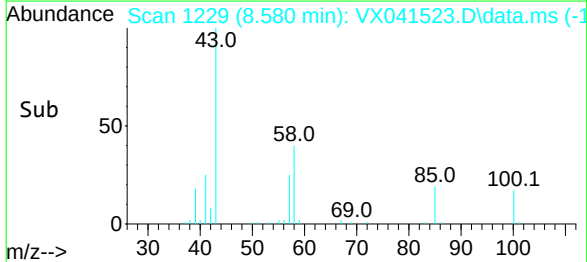
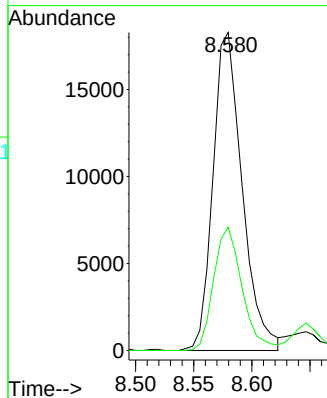
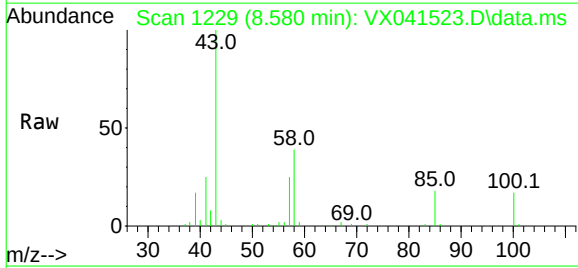
58 37.8 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#52

Toluene

Concen: 2.993 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX041523.D

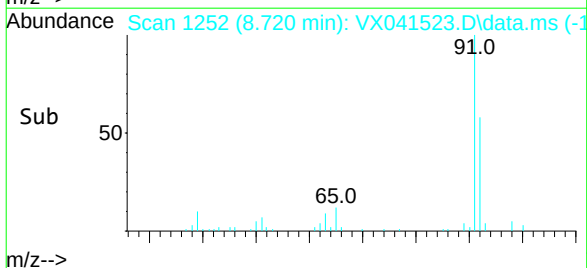
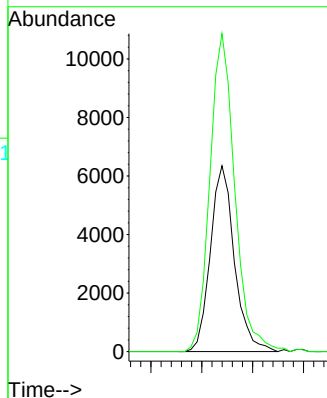
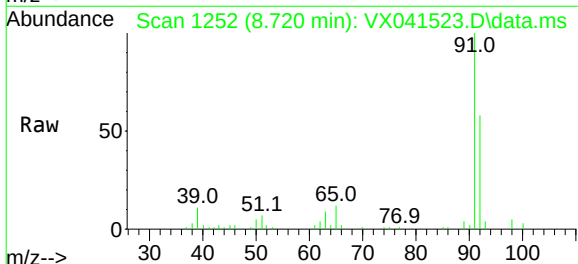
Acq: 14 May 2024 16:45

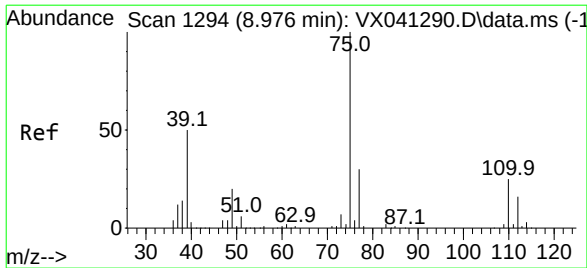
Tgt Ion: 92 Resp: 10425

Ion Ratio Lower Upper

92 100

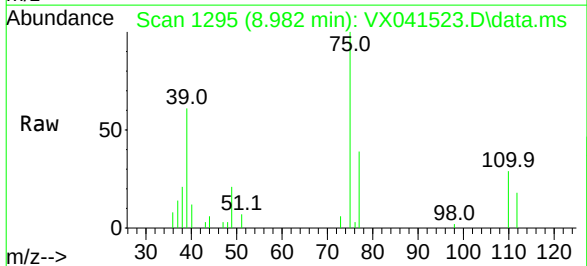
91 177.0 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 2.552 ug/l
RT: 8.982 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

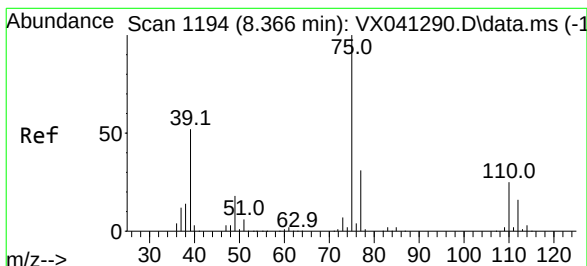
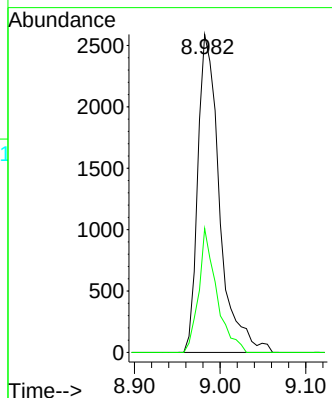
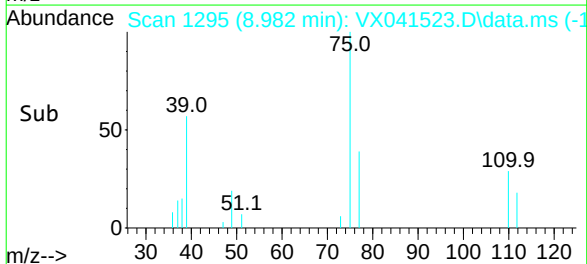
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



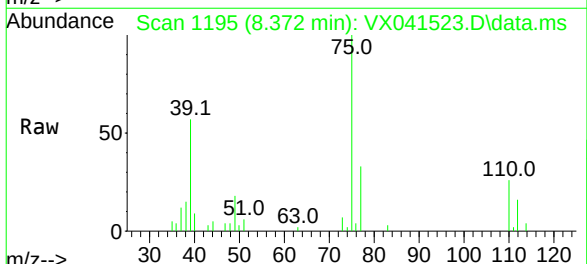
Tgt Ion: 75 Resp: 4563
Ion Ratio Lower Upper
75 100
77 39.0 25.7 38.5#

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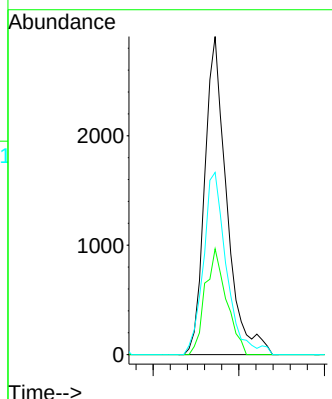
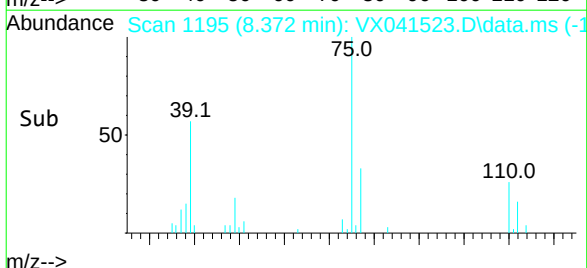
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

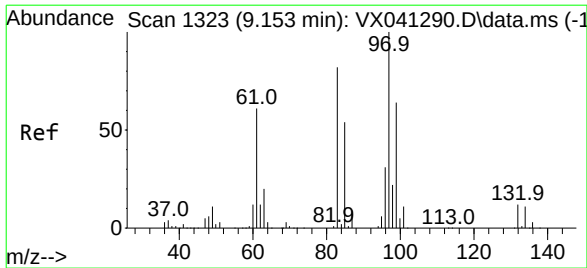


#54
cis-1,3-Dichloropropene
Concen: 2.614 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45



Tgt Ion: 75 Resp: 5186
Ion Ratio Lower Upper
75 100
77 33.3 25.3 37.9
39 57.3 46.7 70.1





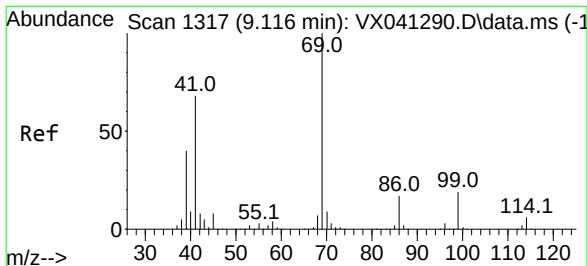
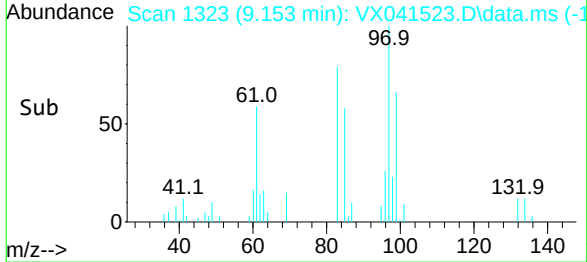
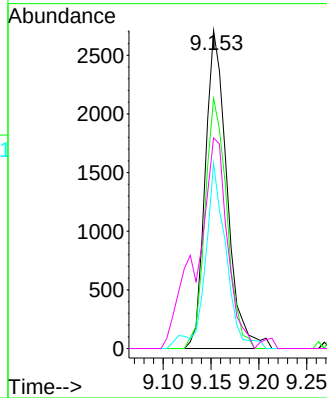
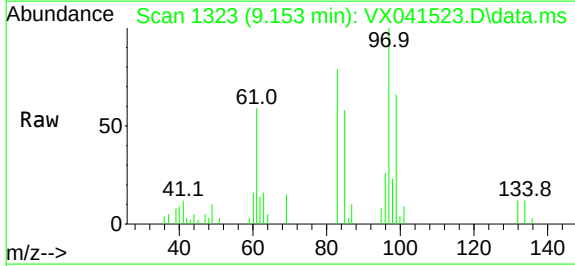
#55
1,1,2-Trichloroethane
Concen: 3.188 ug/l
RT: 9.153 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

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

Tgt Ion	Ratio	Lower	Upper
97	100		
83	78.7	65.8	98.8
85	58.3	41.6	62.4
99	66.2	47.8	71.8

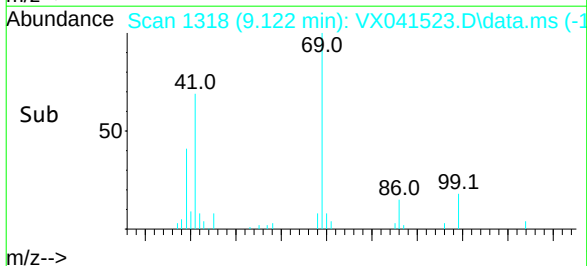
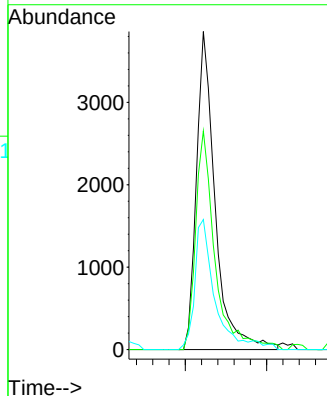
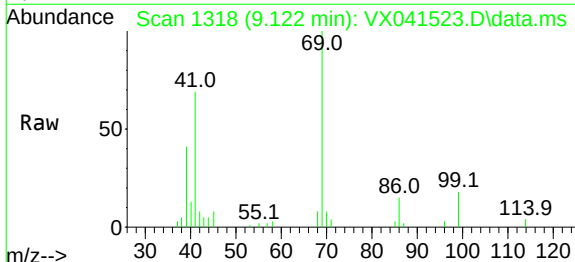
Manual Integrations
APPROVED

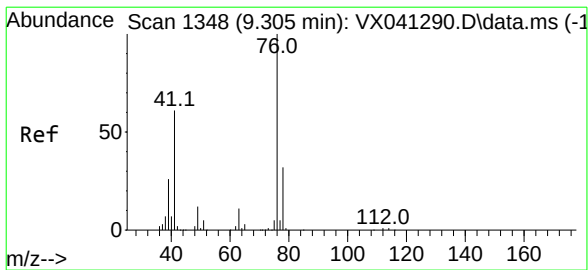
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#56
Ethyl methacrylate
Concen: 2.963 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

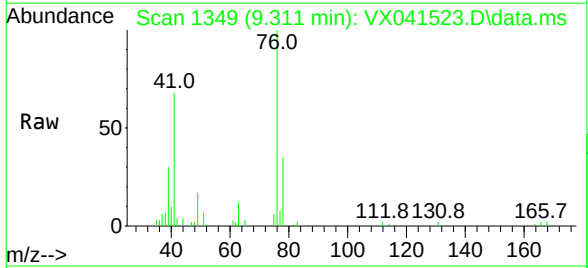
Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.3	56.8	85.2
39	44.3	32.0	48.0





#57
1,3-Dichloropropane
Concen: 3.075 ug/l
RT: 9.311 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

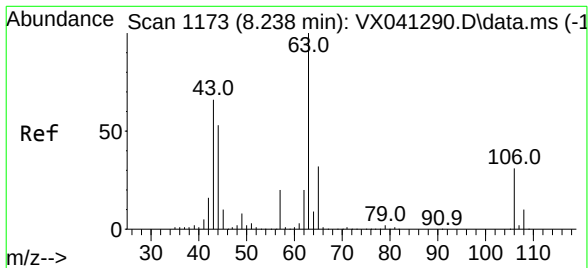
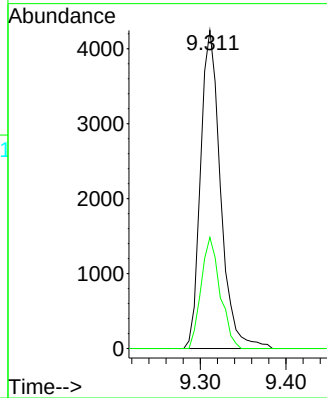
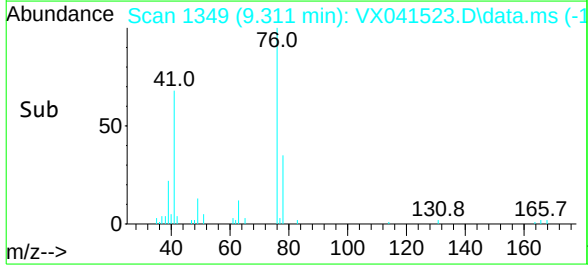
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 76 Resp: 6883
Ion Ratio Lower Upper
76 100
78 33.2 26.1 39.1

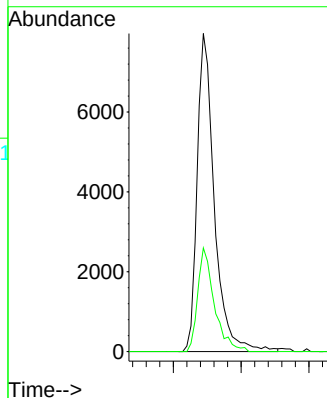
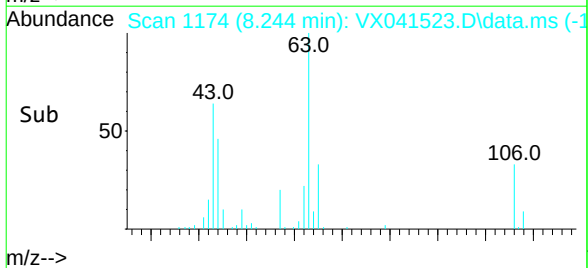
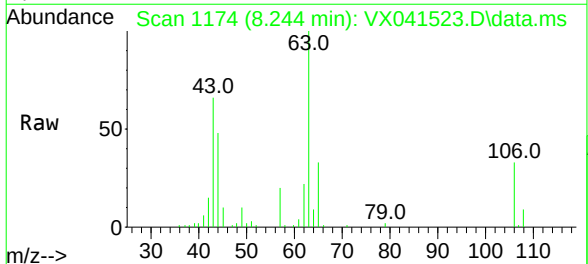
Manual Integrations
APPROVED

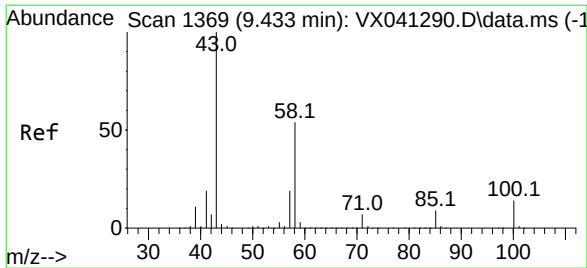
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#58
2-Chloroethyl Vinyl ether
Concen: 13.893 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

Tgt Ion: 63 Resp: 13984
Ion Ratio Lower Upper
63 100
106 31.6 22.5 33.7





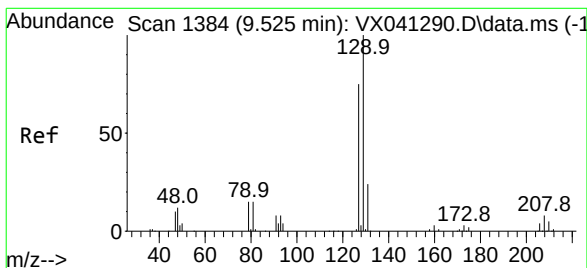
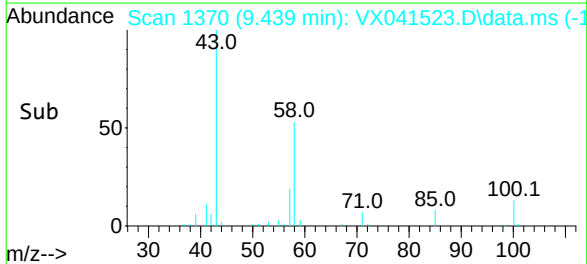
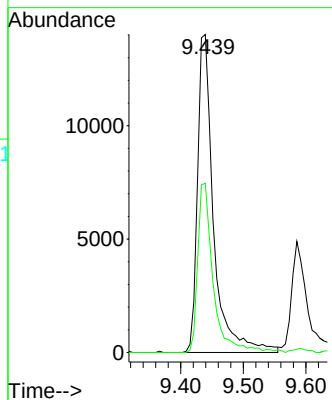
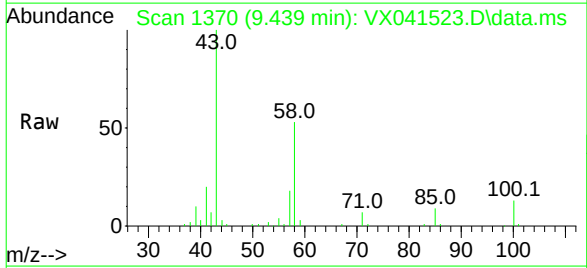
#59
2-Hexanone
Concen: 15.031 ug/l
RT: 9.439 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

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

Tgt Ion: 43 Resp: 24991
Ion Ratio Lower Upper
43 100
58 51.5 26.2 78.5

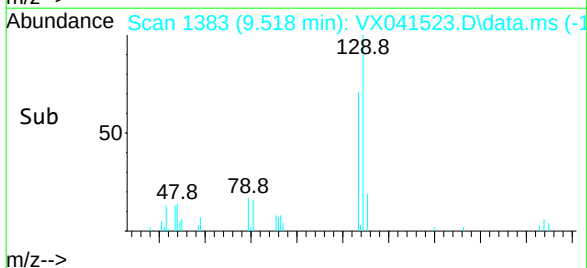
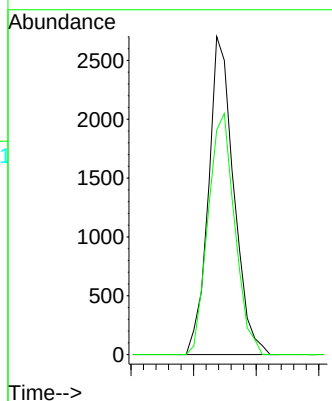
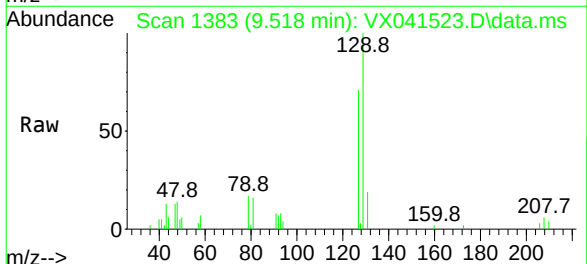
Manual Integrations
APPROVED

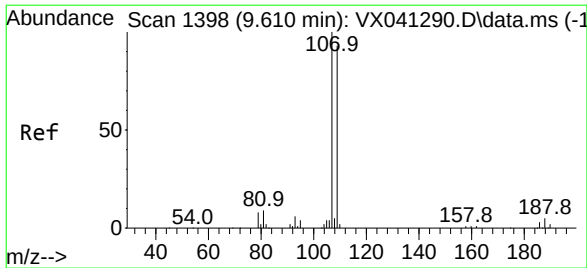
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#60
Dibromochloromethane
Concen: 2.405 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.007 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

Tgt Ion:129 Resp: 3798
Ion Ratio Lower Upper
129 100
127 79.6 38.8 116.4





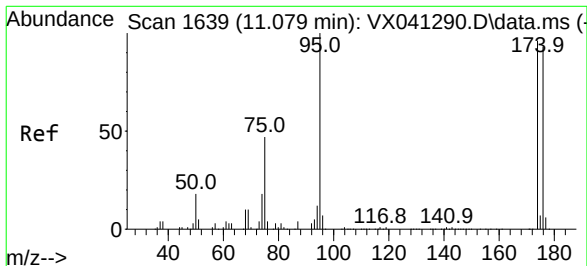
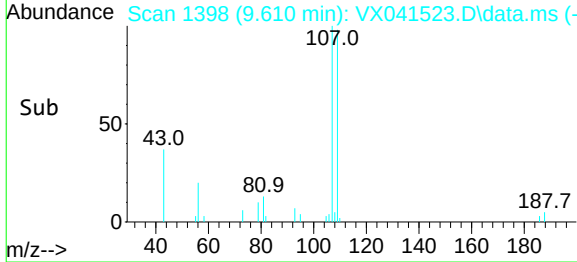
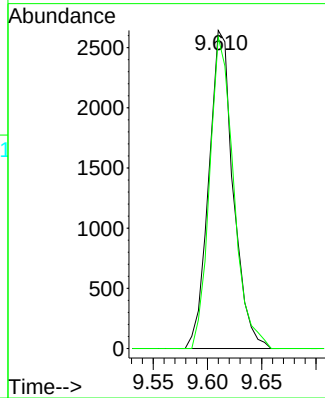
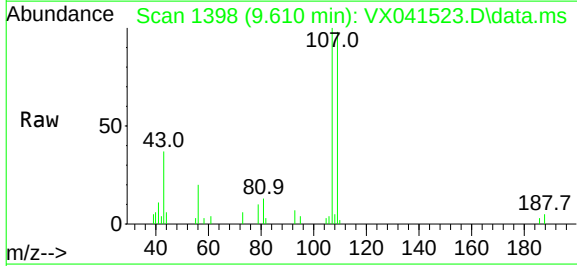
#61
1,2-Dibromoethane
Concen: 2.817 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

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

Tgt Ion: 107 Resp: 4157
Ion Ratio Lower Upper
107 100
109 96.0 75.2 112.8

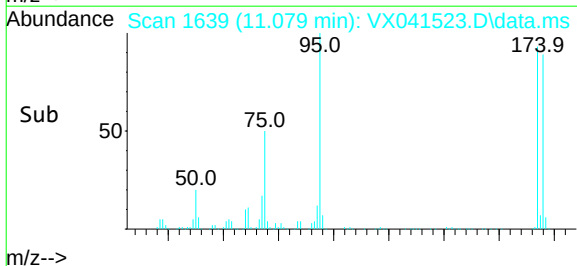
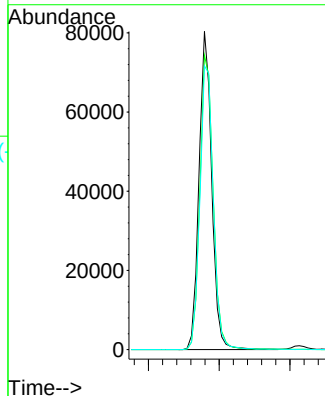
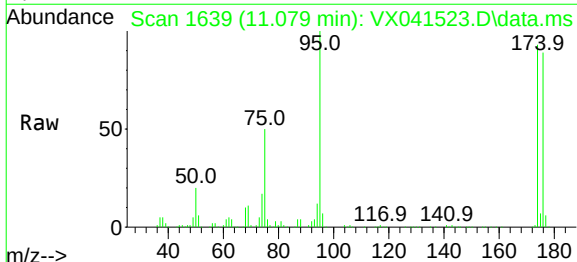
Manual Integrations
APPROVED

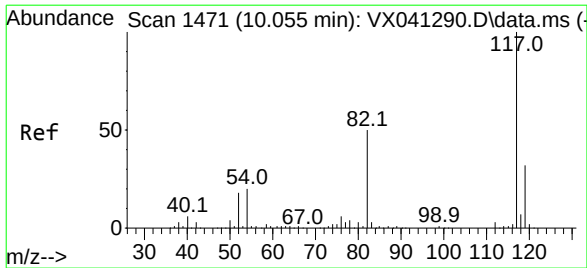
Reviewed By : John Carlone 05/15/2024
Supervised By : Mahesh Dadoda 05/15/2024



#62
4-Bromofluorobenzene
Concen: 52.866 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

Tgt Ion: 95 Resp: 100048
Ion Ratio Lower Upper
95 100
174 96.7 0.0 135.6
176 94.6 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

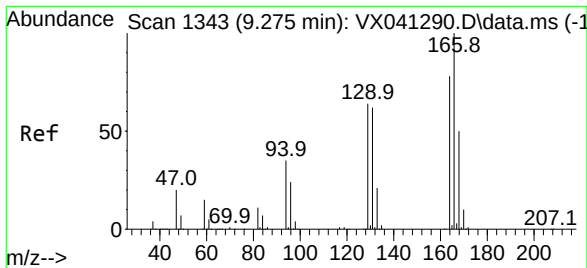
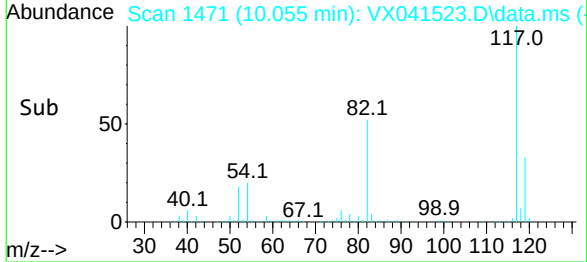
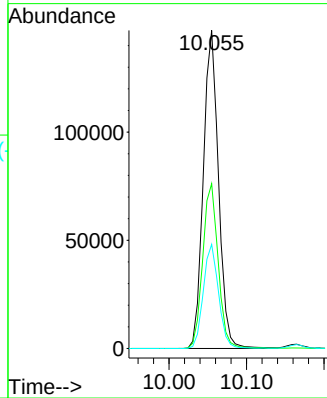
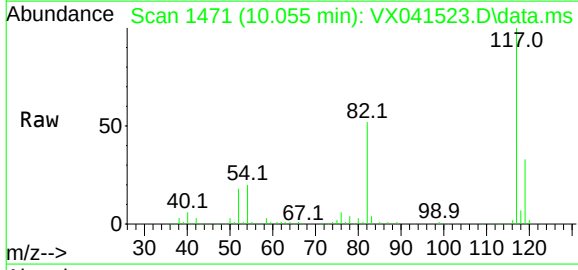
Tgt Ion:	117	Resp:	200168
Ion	Ratio	Lower	Upper
117	100		
82	51.8	46.2	69.4
119	32.7	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#64

Tetrachloroethene

Concen: 3.147 ug/l

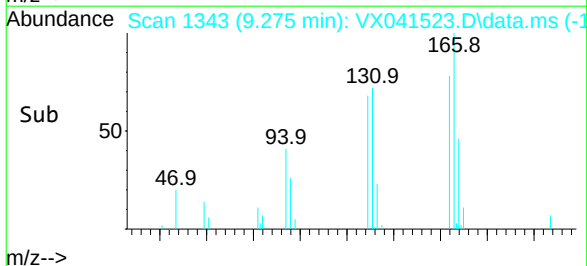
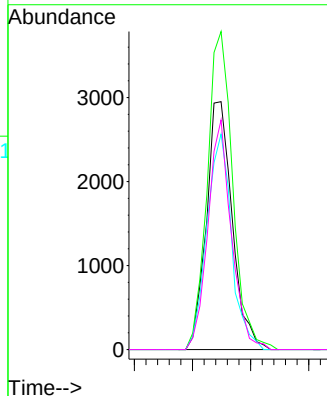
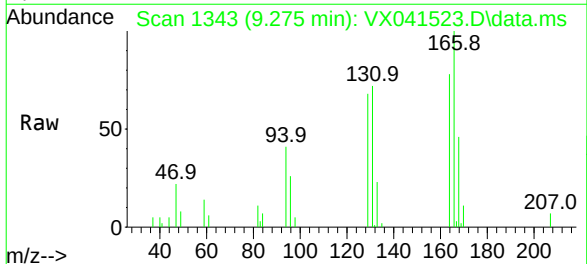
RT: 9.275 min Scan# 1343

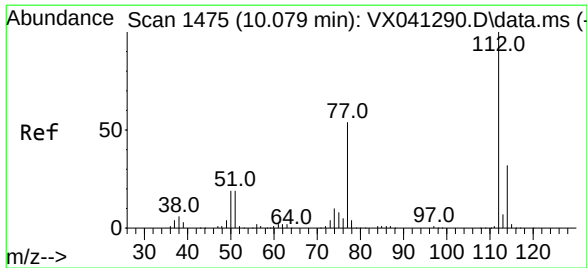
Delta R.T. -0.000 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Tgt Ion:	164	Resp:	4562
Ion	Ratio	Lower	Upper
164	100		
166	128.3	102.7	154.1
129	86.9	80.4	120.6
131	92.6	76.5	114.7





#65

Chlorobenzene

Concen: 3.024 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion:112 Resp: 12289

Ion Ratio Lower Upper

112 100

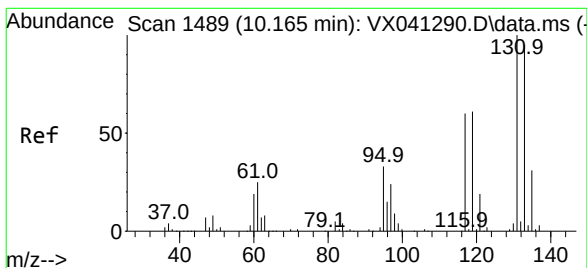
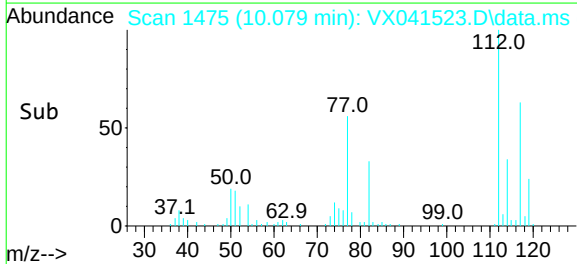
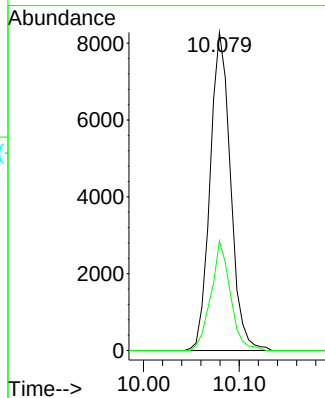
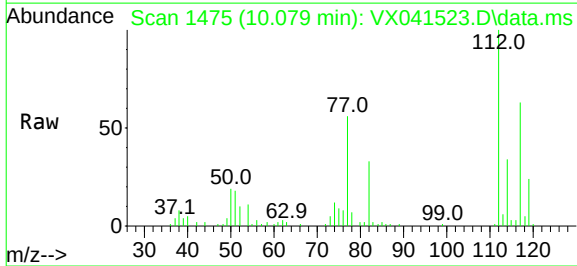
114 34.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 2.718 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

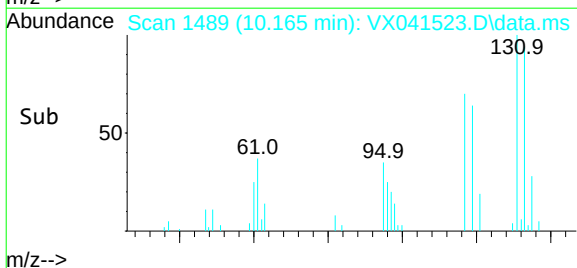
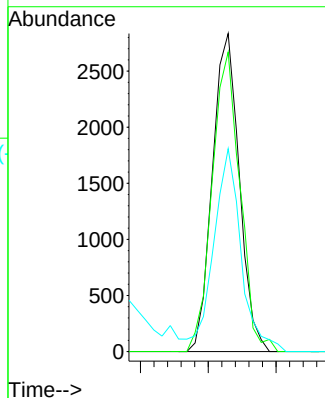
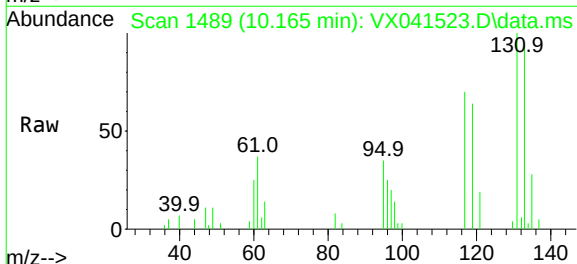
Tgt Ion:131 Resp: 3903

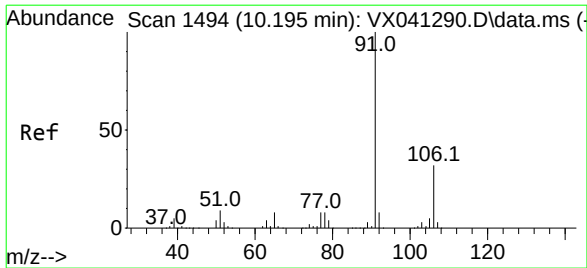
Ion Ratio Lower Upper

131 100

133 97.7 47.1 141.4

119 64.8 32.2 96.6





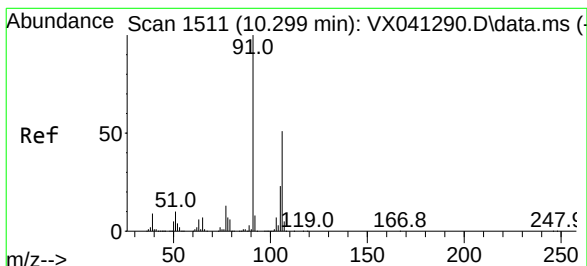
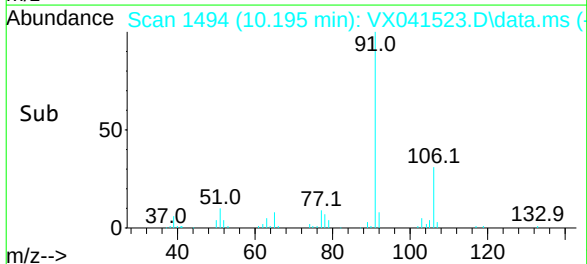
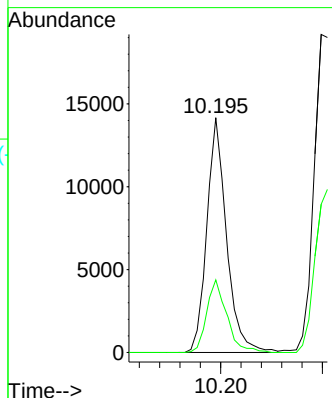
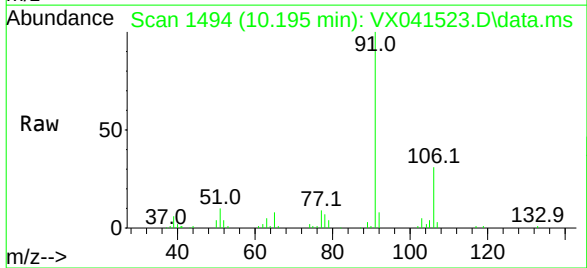
#67
Ethyl Benzene
Concen: 2.843 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

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

Tgt Ion: 91 Resp: 19061
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3

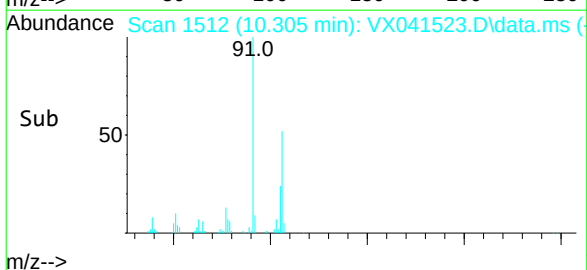
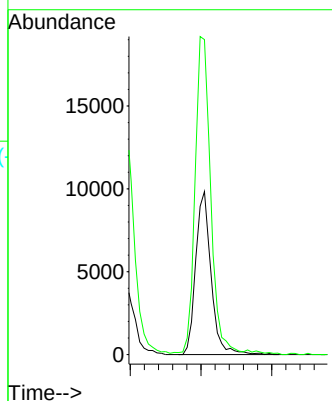
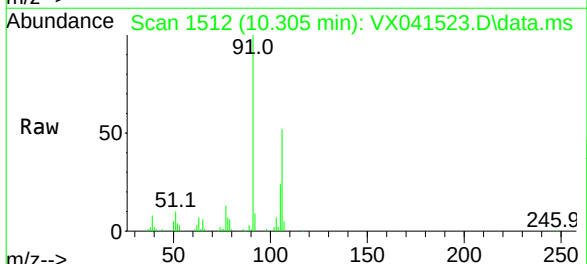
Manual Integrations
APPROVED

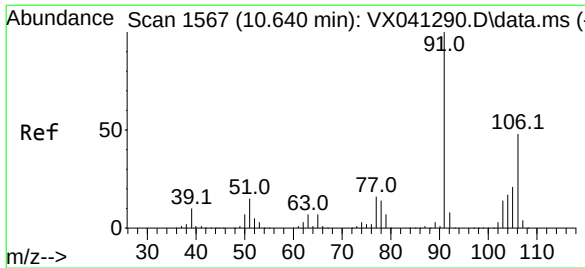
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#68
m/p-Xylenes
Concen: 5.518 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

Tgt Ion:106 Resp: 14813
Ion Ratio Lower Upper
106 100
91 194.1 165.5 248.3





#69

o-Xylene

Concen: 2.799 ug/l

RT: 10.640 min Scan# 15

Delta R.T. -0.000 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

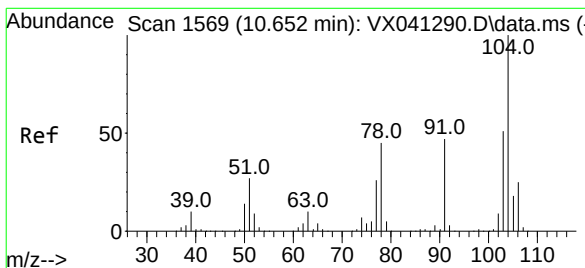
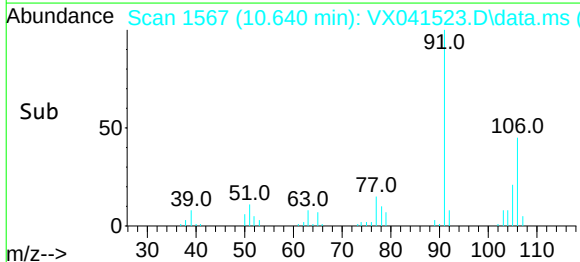
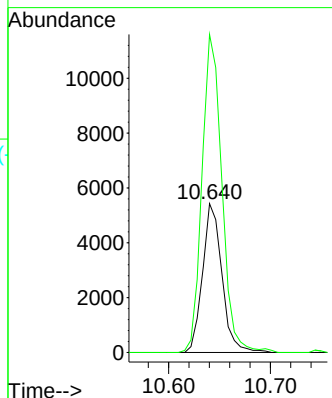
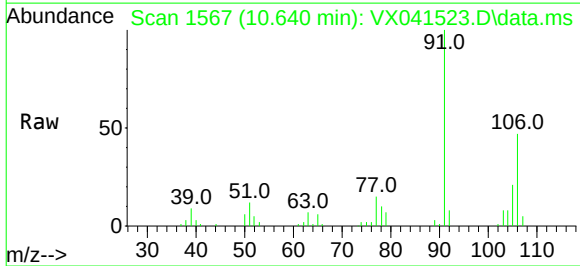
Tgt Ion:	106	Resp:	7194
Ion	Ratio	Lower	Upper
106	100		
91	218.8	108.9	326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#70

Styrene

Concen: 2.671 ug/l

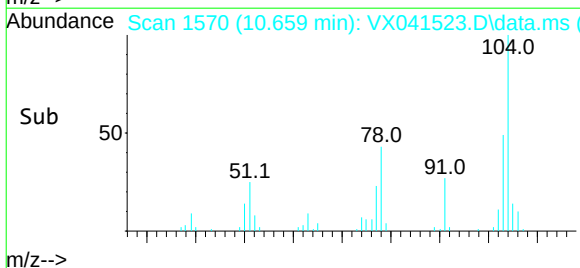
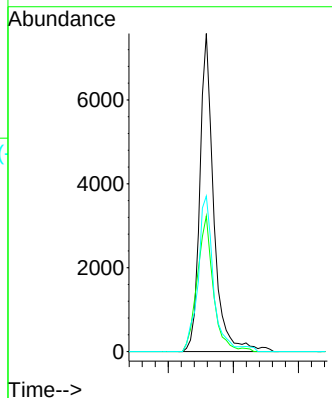
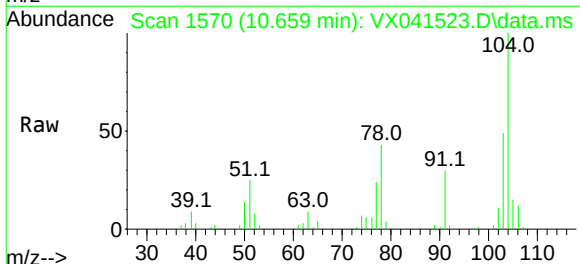
RT: 10.659 min Scan# 1570

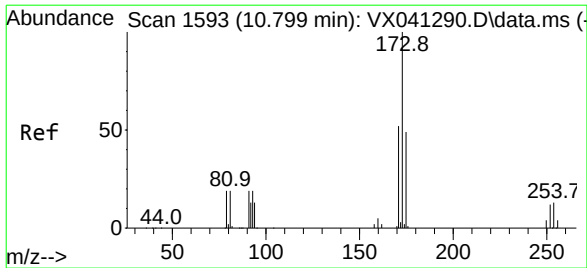
Delta R.T. 0.006 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Tgt Ion:	104	Resp:	11267
Ion	Ratio	Lower	Upper
104	100		
78	49.1	43.6	65.4
103	53.4	43.6	65.4





#71

Bromoform

Concen: 2.292 ug/l

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

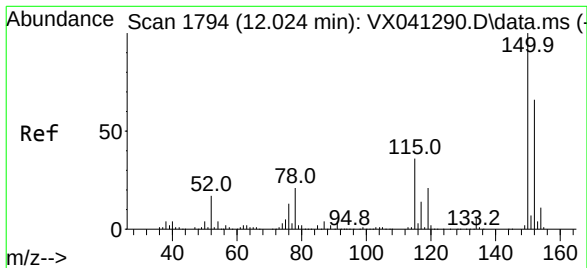
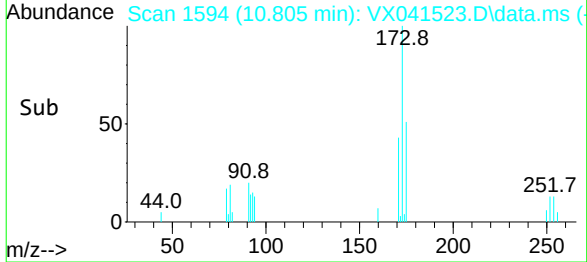
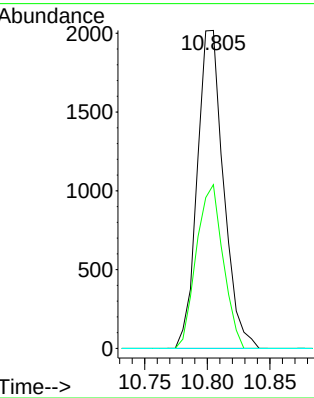
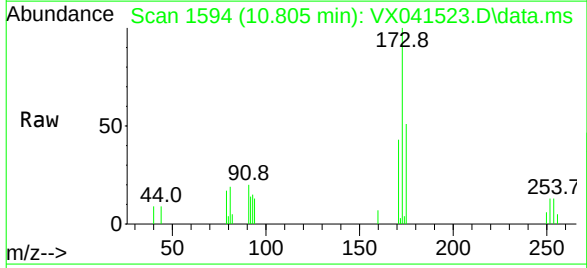
Tgt Ion	Ratio	Lower	Upper
173	100		
175	52.3	24.1	72.4
254	0.0	0.0	0.0

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

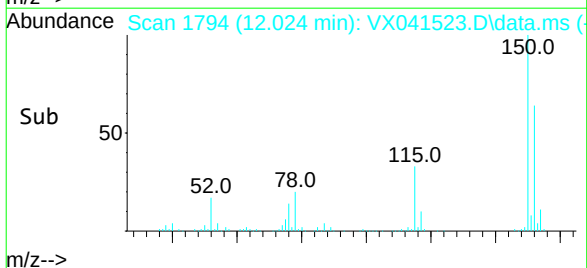
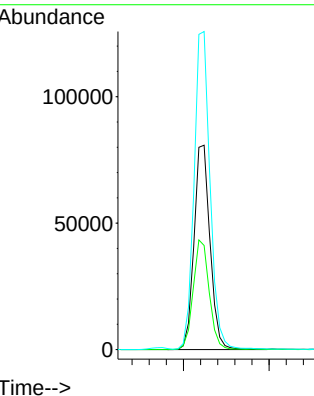
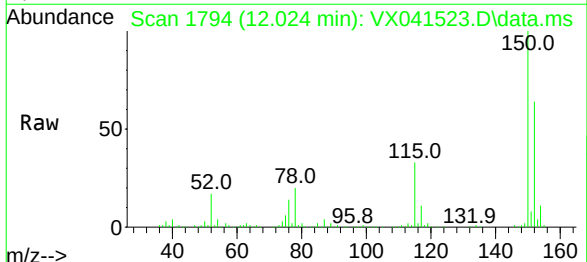
RT: 12.024 min Scan# 1794

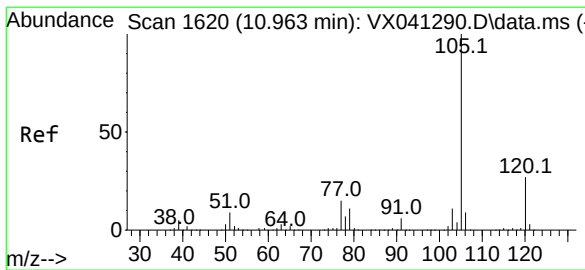
Delta R.T. -0.000 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.6	43.3	129.9
150	155.7	0.0	345.0





#73

Isopropylbenzene

Concen: 2.960 ug/l

RT: 10.963 min Scan# 1601

Delta R.T. -0.000 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

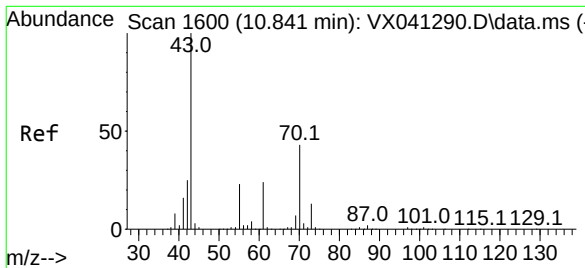
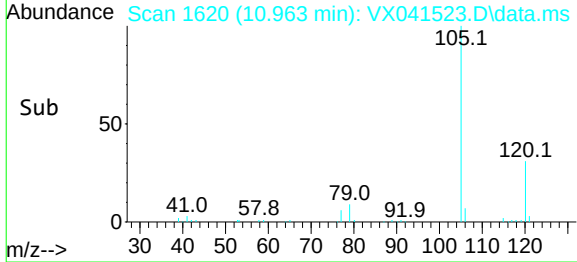
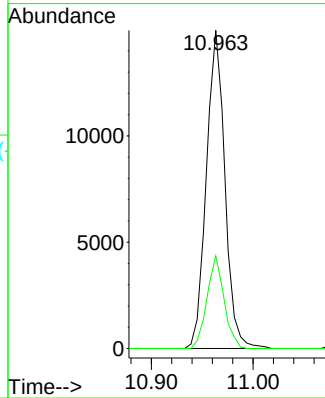
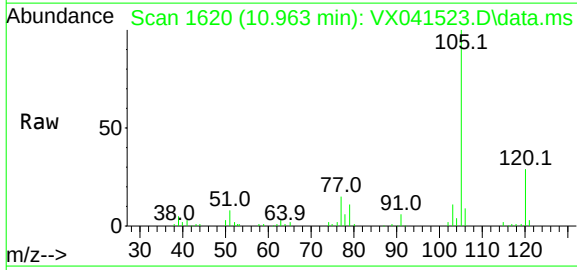
Tgt Ion:	105	Resp:	18939
Ion Ratio	Lower	Upper	
105	100		
120	26.8	12.9	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#74

N-ethyl acetate

Concen: 2.812 ug/l

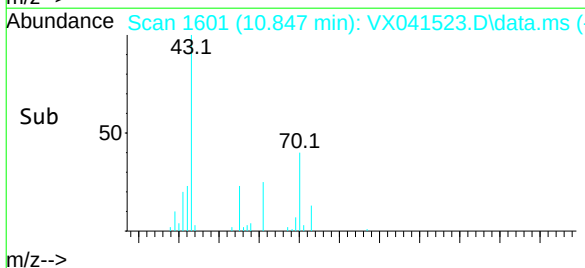
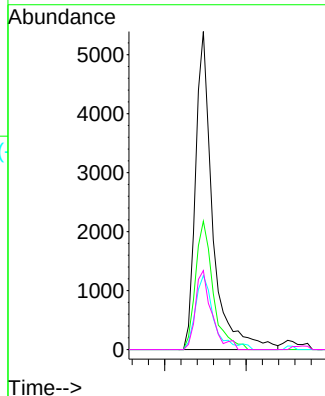
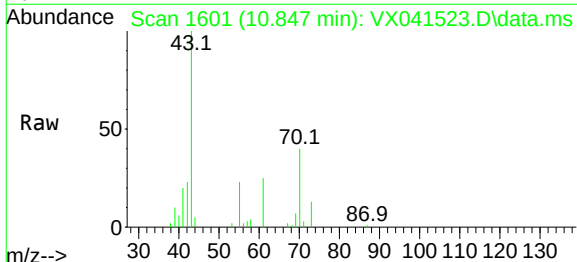
RT: 10.847 min Scan# 1601

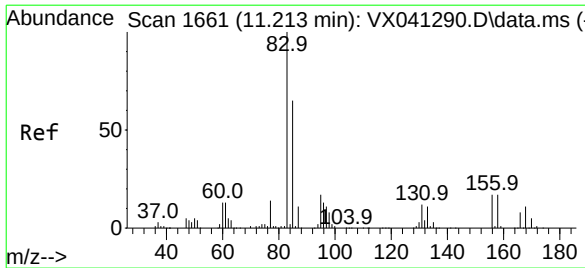
Delta R.T. 0.006 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

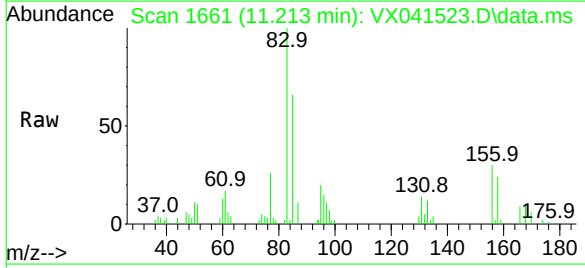
Tgt Ion:	43	Resp:	7861
Ion Ratio	Lower	Upper	
43	100		
70	41.6	32.9	49.3
55	24.9	19.3	28.9
61	23.5	18.8	28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 3.176 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

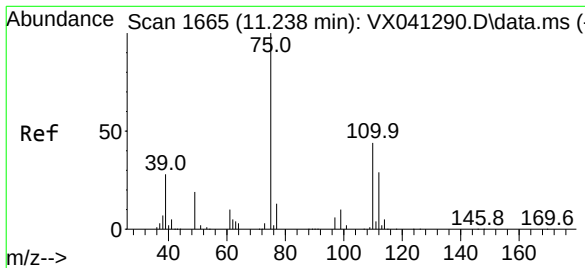
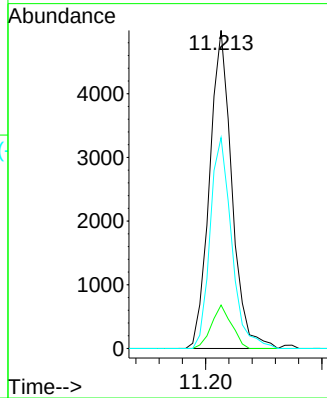
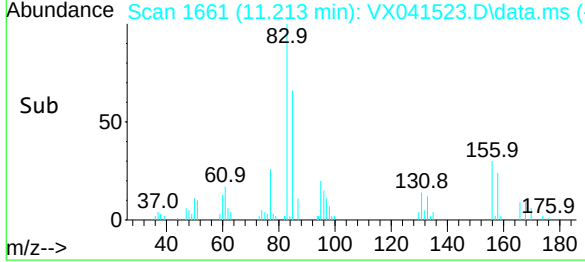
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 83 Resp: 6658
Ion Ratio Lower Upper
83 100
131 12.2 5.3 15.8
85 64.0 32.0 96.2

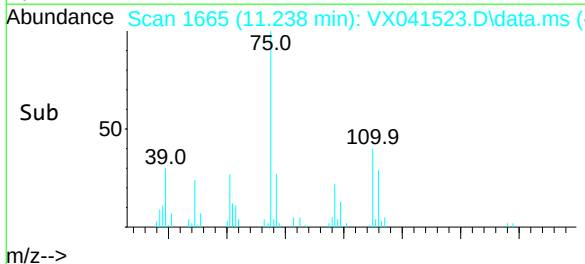
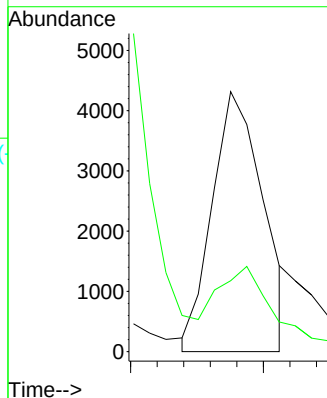
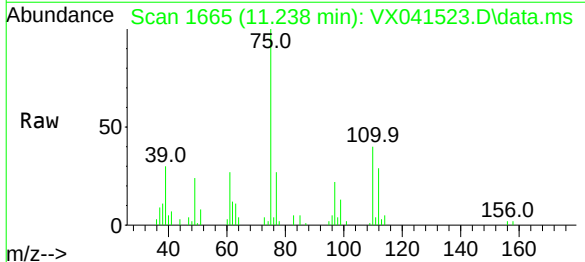
Manual Integrations
APPROVED

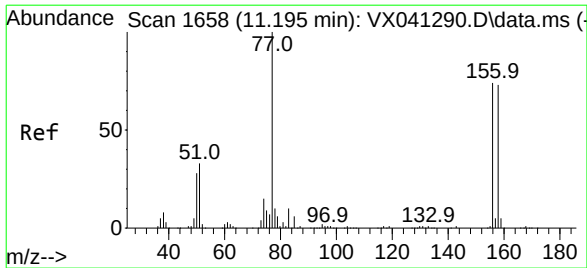
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#76
1,2,3-Trichloropropane
Concen: 3.366 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

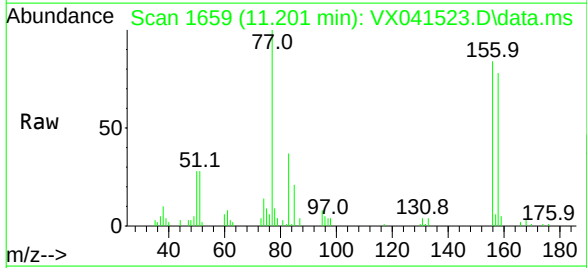
Tgt Ion: 75 Resp: 5749
Ion Ratio Lower Upper
75 100
77 38.5 19.1 57.5





#77
Bromobenzene
Concen: 3.213 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

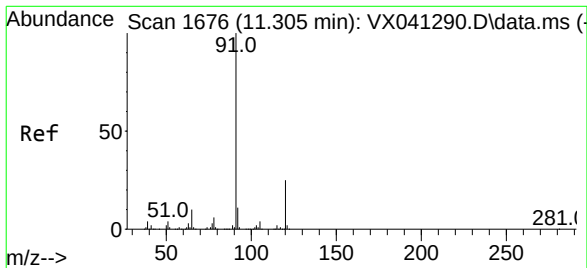
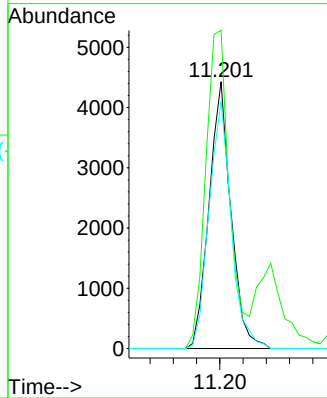
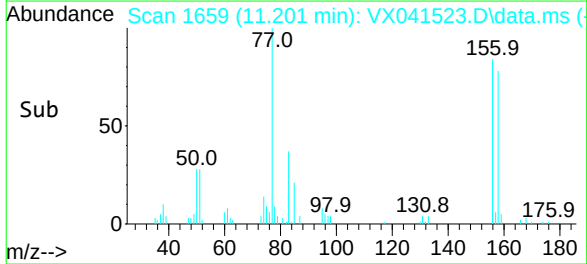
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 156 Resp: 5801
Ion Ratio Lower Upper
156 100
77 129.5 88.4 265.3
158 93.8 48.0 144.0

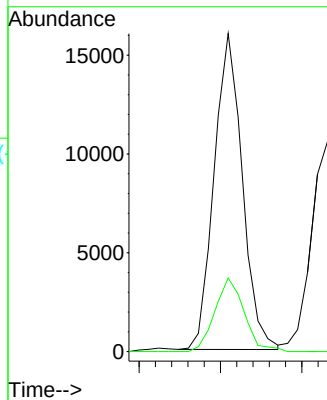
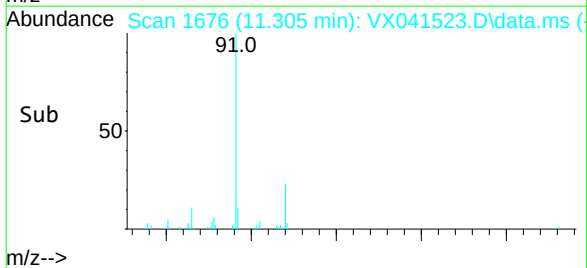
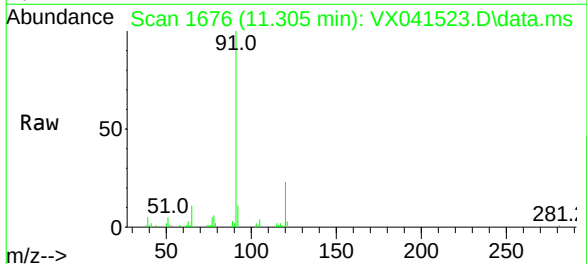
Manual Integrations
APPROVED

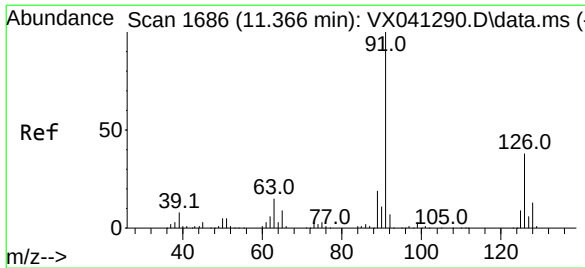
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#78
n-propylbenzene
Concen: 2.863 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

Tgt Ion: 91 Resp: 19236
Ion Ratio Lower Upper
91 100
120 24.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 3.039 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 91 Resp: 13158

Ion Ratio Lower Upper

91 100

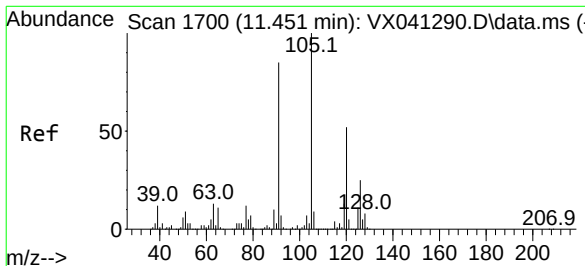
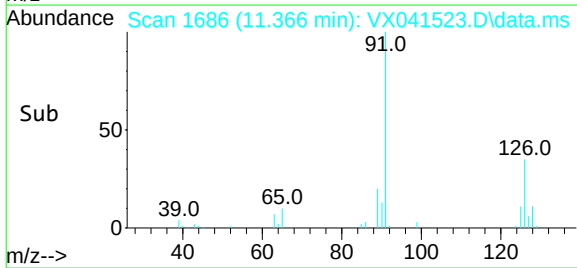
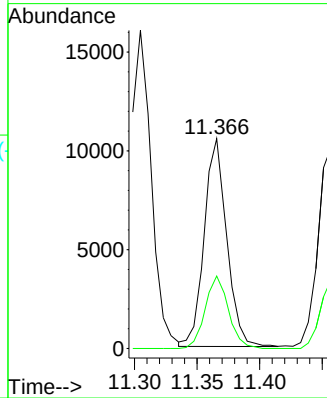
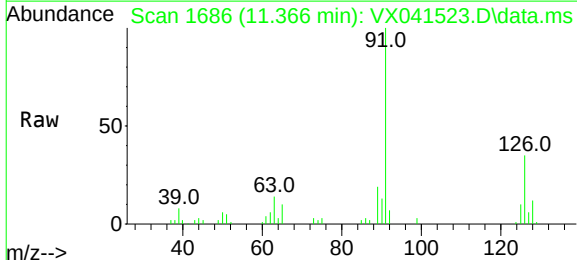
126 35.9 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#80

1,3,5-Trimethylbenzene

Concen: 2.841 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX041523.D

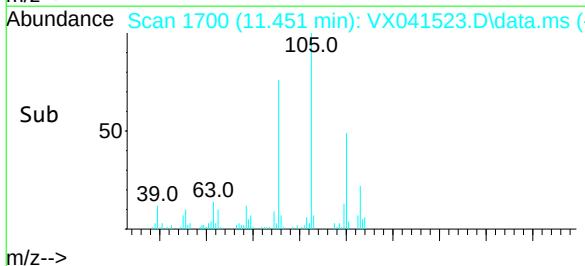
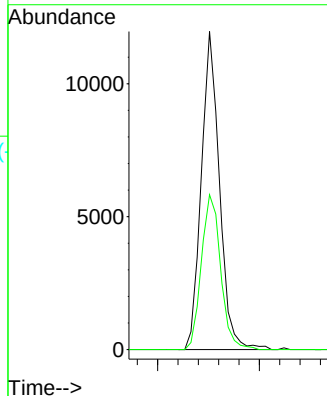
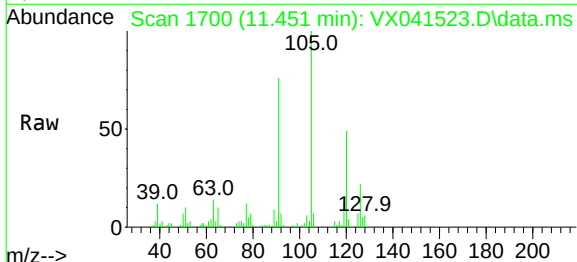
Acq: 14 May 2024 16:45

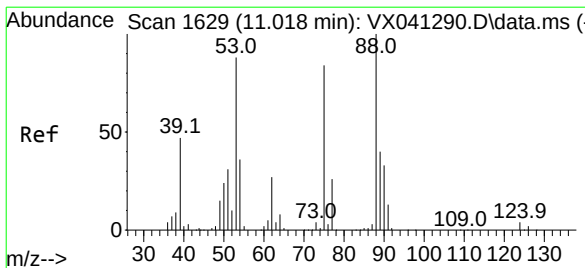
Tgt Ion:105 Resp: 14820

Ion Ratio Lower Upper

105 100

120 51.7 24.1 72.3





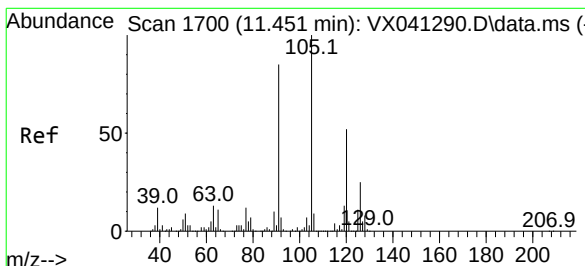
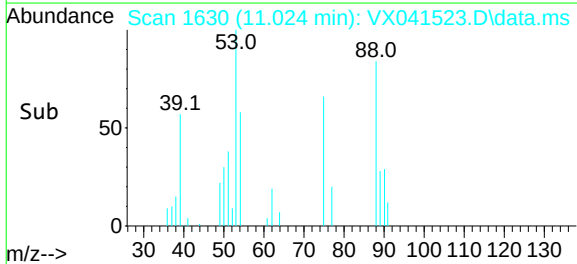
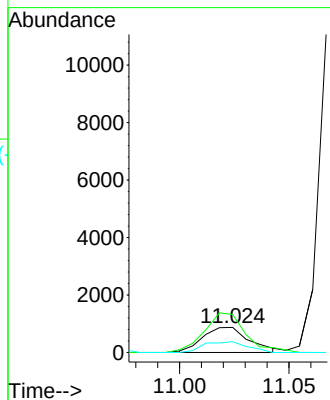
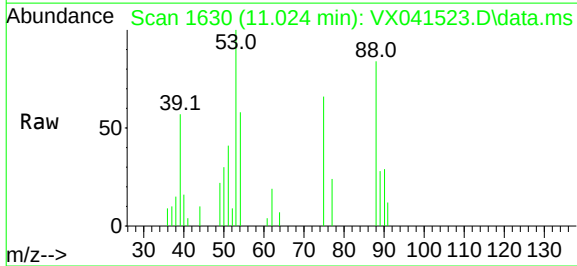
#81
trans-1,4-Dichloro-2-butene
Concen: 2.035 ug/l m
RT: 11.024 min Scan# 1629
Delta R.T. 0.006 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

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

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	90.5	135.7#
89	0.0	36.9	55.3#

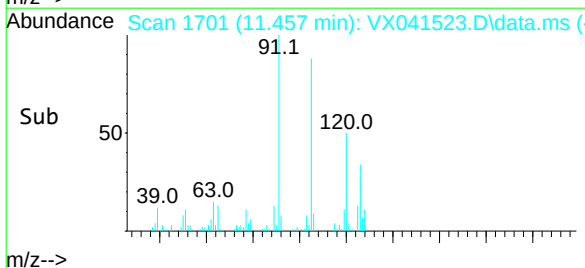
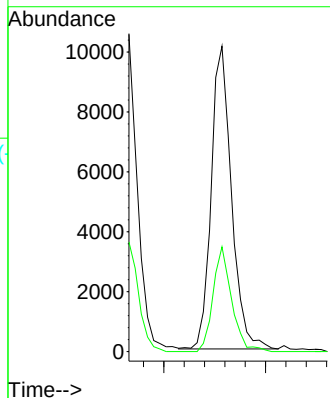
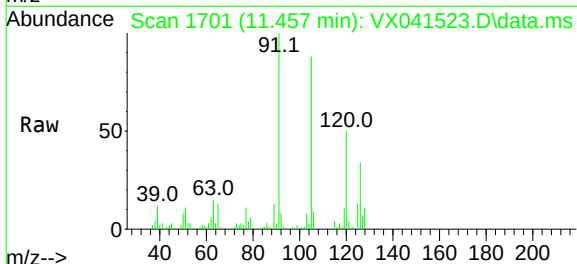
Manual Integrations
APPROVED

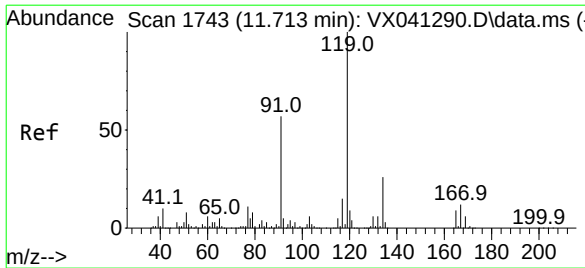
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#82
4-Chlorotoluene
Concen: 2.846 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	14.2	42.6





#83

tert-Butylbenzene

Concen: 2.953 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

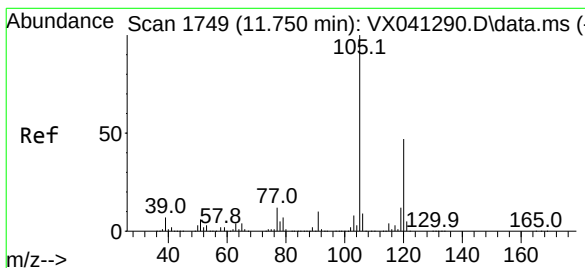
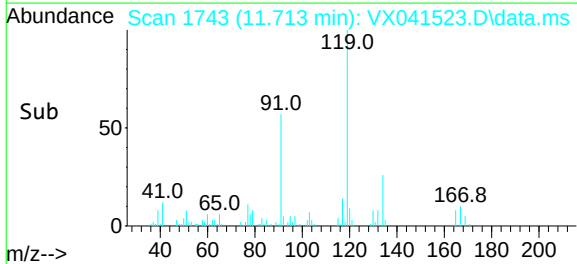
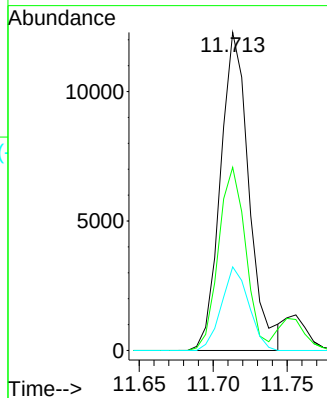
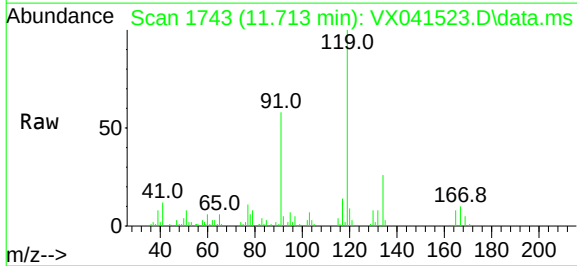
Tgt Ion:	119	Resp:	16495
Ion Ratio	Lower	Upper	
119	100		
91	55.1	31.2	93.6
134	25.1	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#84

1,2,4-Trimethylbenzene

Concen: 2.836 ug/l

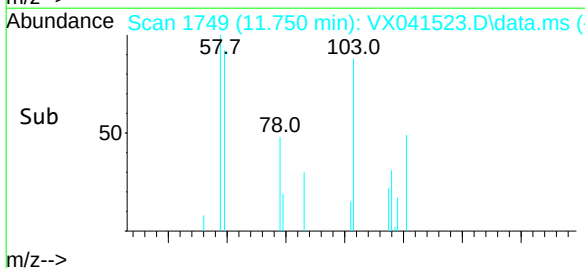
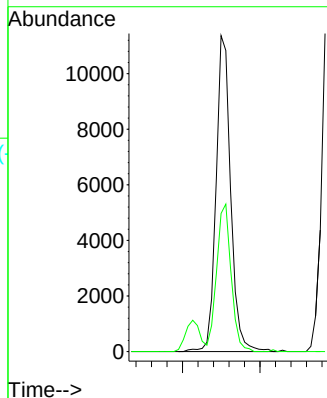
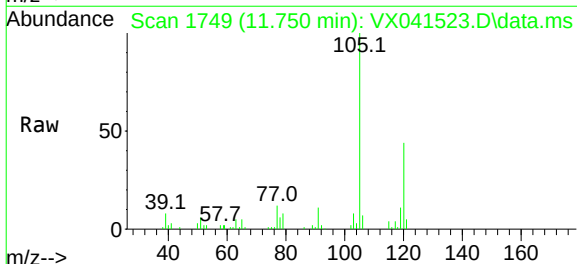
RT: 11.750 min Scan# 1749

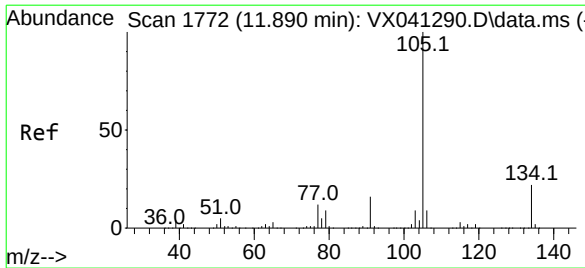
Delta R.T. -0.000 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Tgt Ion:	105	Resp:	14884
Ion Ratio	Lower	Upper	
105	100		
120	46.1	21.2	63.6





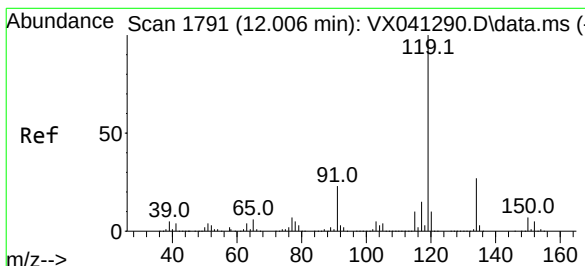
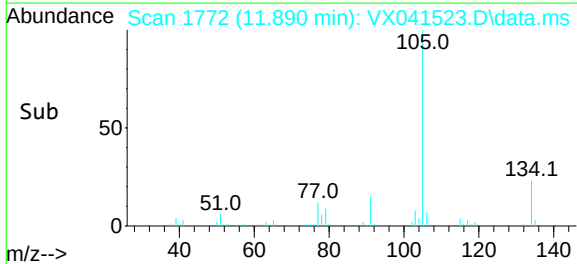
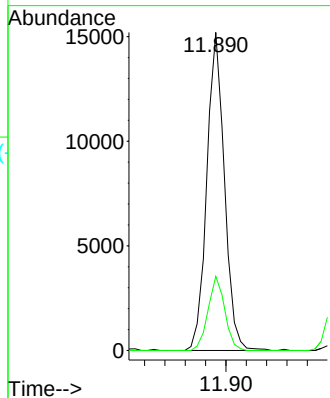
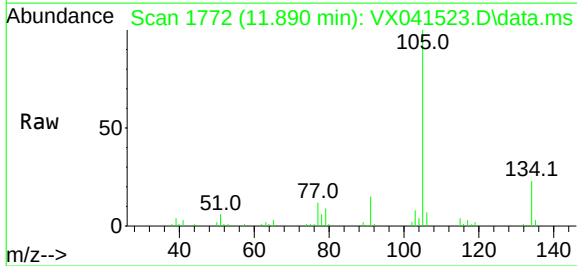
#85
sec-Butylbenzene
Concen: 2.852 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

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

Tgt Ion:105 Resp: 18256
Ion Ratio Lower Upper
105 100
134 22.1 9.8 29.4

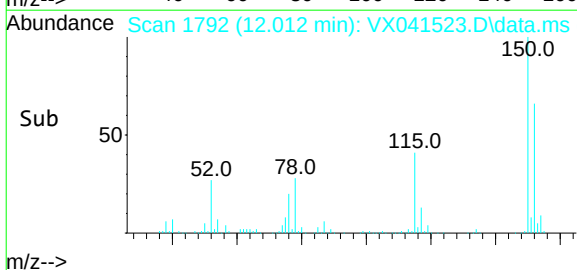
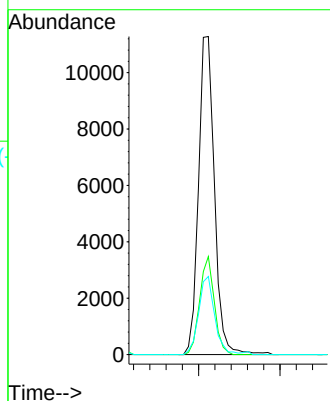
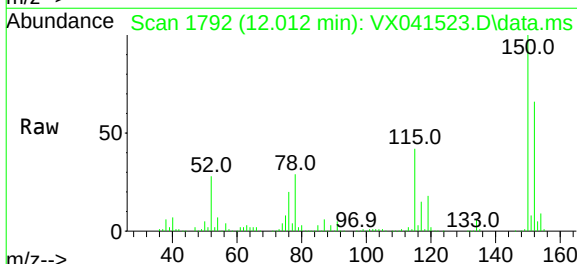
Manual Integrations
APPROVED

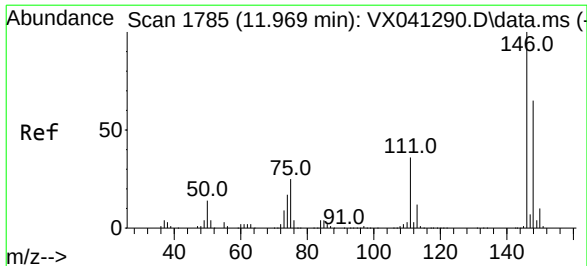
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#86
p-Isopropyltoluene
Concen: 2.670 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

Tgt Ion:119 Resp: 15348
Ion Ratio Lower Upper
119 100
134 28.2 12.8 38.3
91 25.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 2.962 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

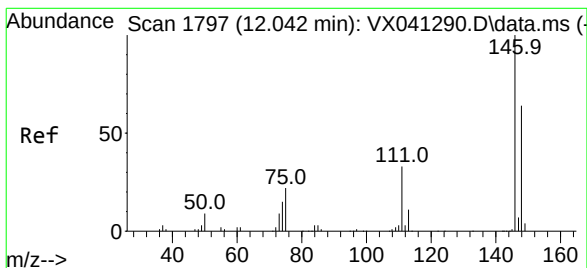
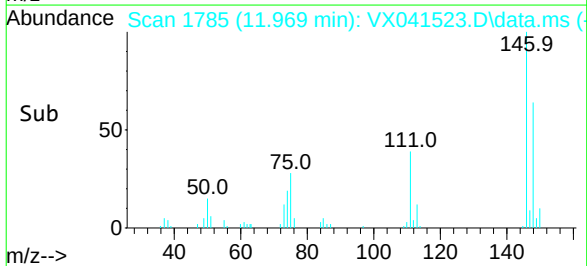
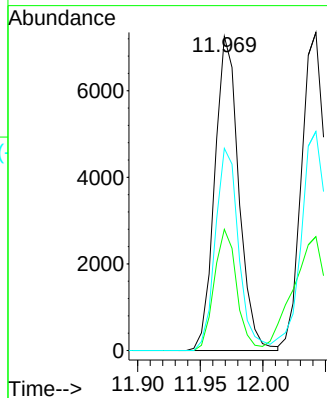
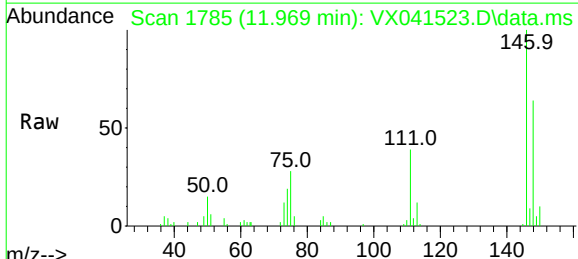
Tgt Ion:	146	Resp:	9722
Ion Ratio	Lower	Upper	
146	100		
111	36.1	22.1	66.1
148	62.5	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#88

1,4-Dichlorobenzene

Concen: 3.009 ug/l

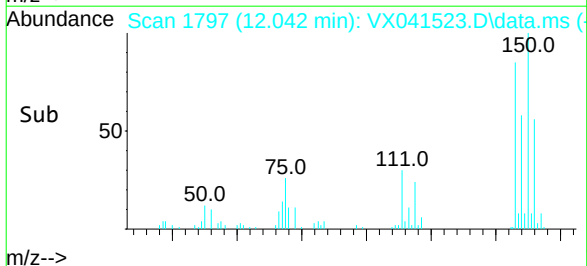
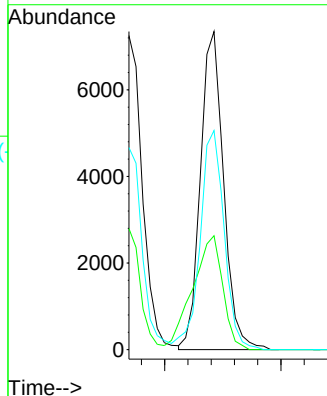
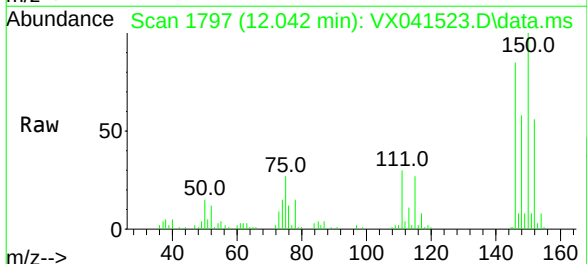
RT: 12.042 min Scan# 1797

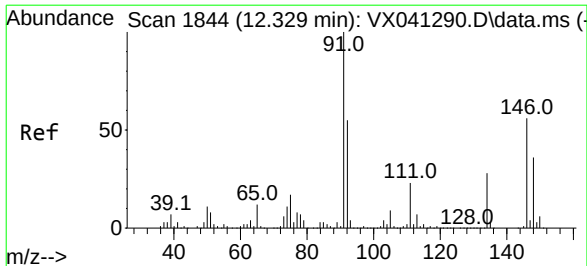
Delta R.T. -0.000 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Tgt Ion:	146	Resp:	10176
Ion Ratio	Lower	Upper	
146	100		
111	46.6	21.3	63.7
148	71.5	31.8	95.4





#89

n-Butylbenzene

Concen: 2.395 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

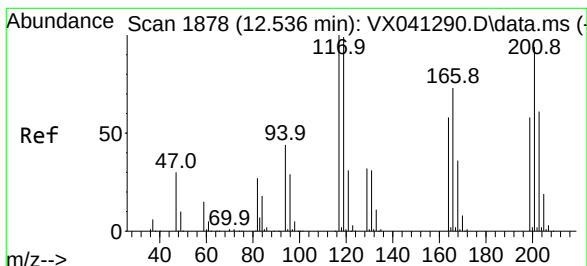
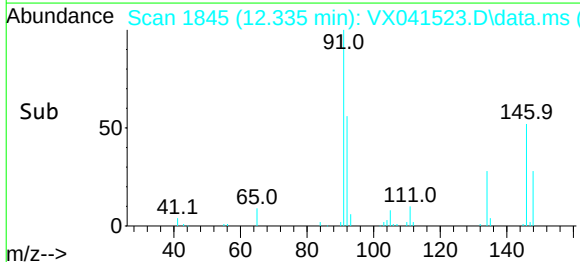
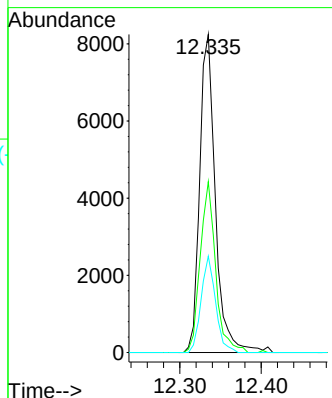
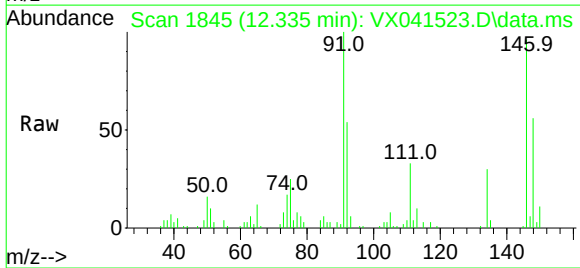
Tgt	Ion:	91	Resp:	11069
Ion	Ratio	Lower	Upper	
91	100			
92	52.7	27.4	82.0	
134	27.8	12.6	37.8	

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#90

Hexachloroethane

Concen: 2.543 ug/l

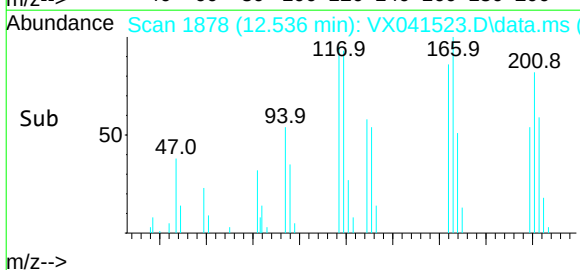
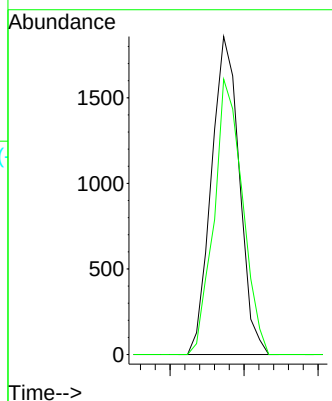
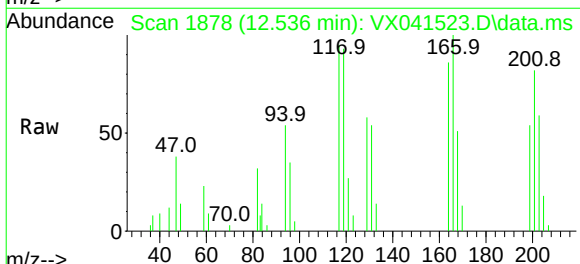
RT: 12.536 min Scan# 1878

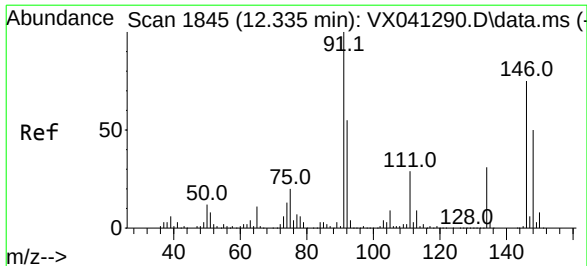
Delta R.T. -0.000 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

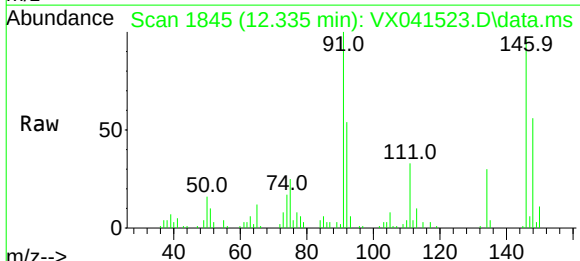
Tgt	Ion:	117	Resp:	2445
Ion	Ratio	Lower	Upper	
117	100			
201	88.3	32.9	98.6	





#91
1,2-Dichlorobenzene
Concen: 2.949 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45

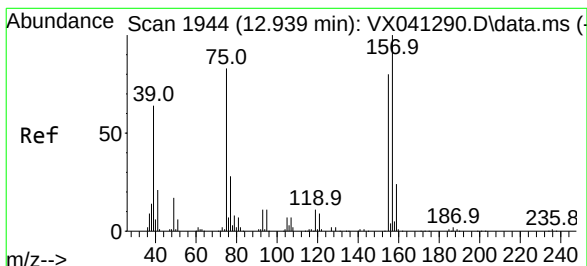
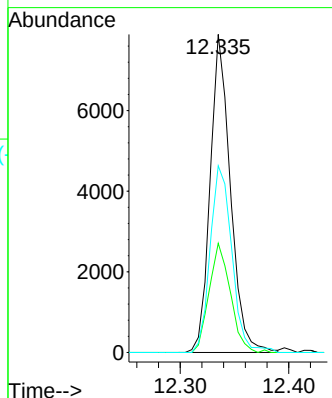
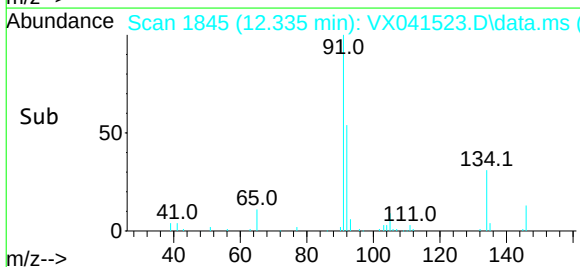
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



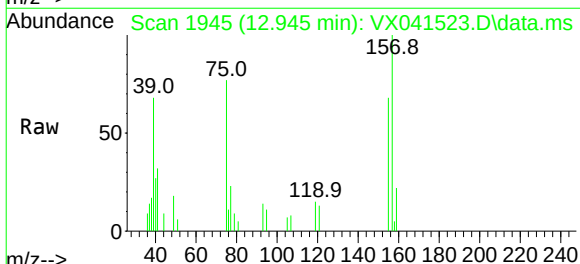
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	22.4	67.0
148	63.0	31.6	95.0

Manual Integrations
APPROVED

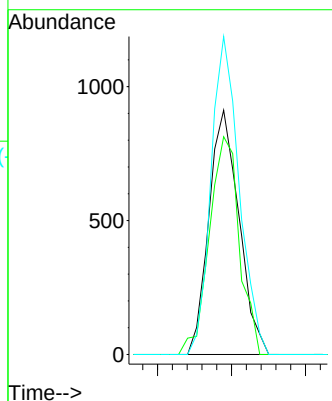
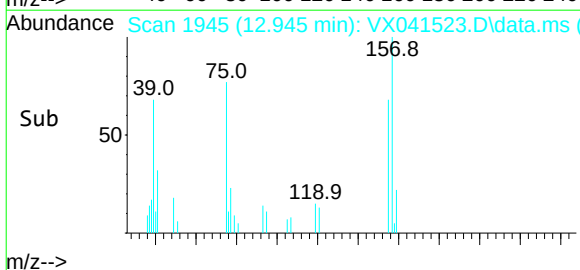
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

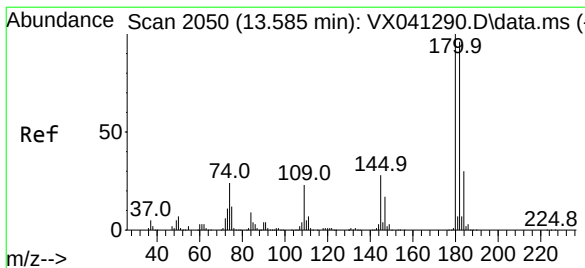


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.663 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX041523.D
Acq: 14 May 2024 16:45



Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.4	36.1	108.5
157	121.8	44.9	134.7





#93

1,2,4-Trichlorobenzene

Concen: 2.476 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

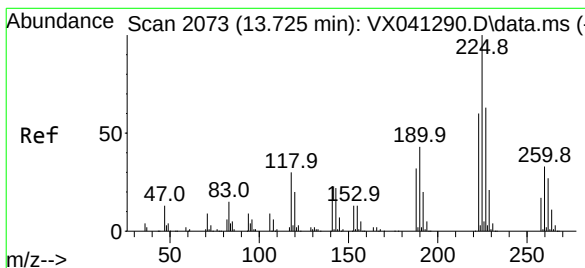
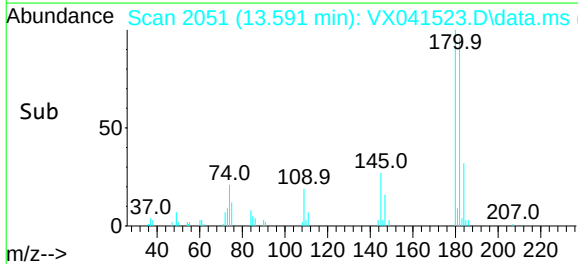
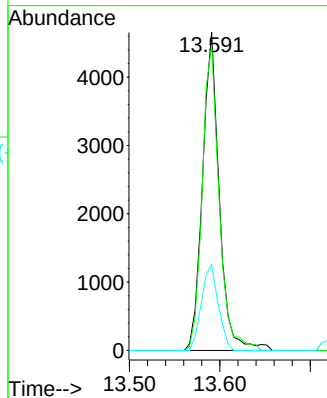
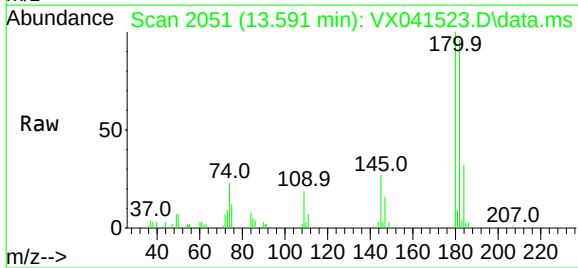
Tgt	Ion:180	Resp:	6001
Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.3	144.8
145	27.0	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#94

Hexachlorobutadiene

Concen: 2.706 ug/l

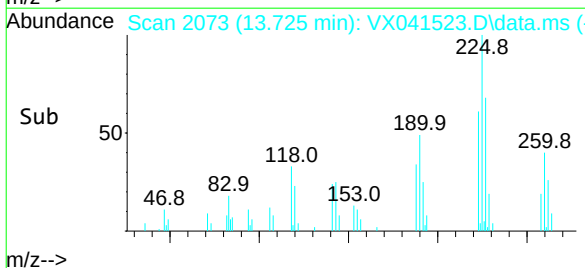
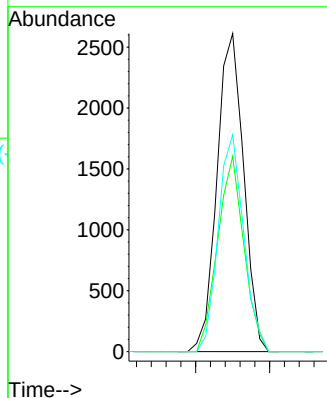
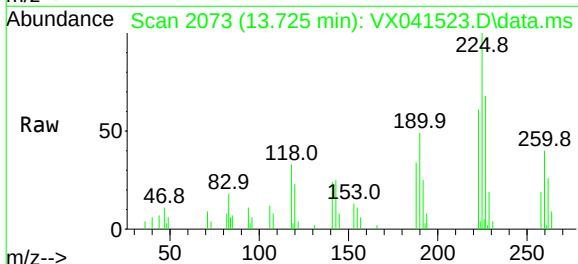
RT: 13.725 min Scan# 2073

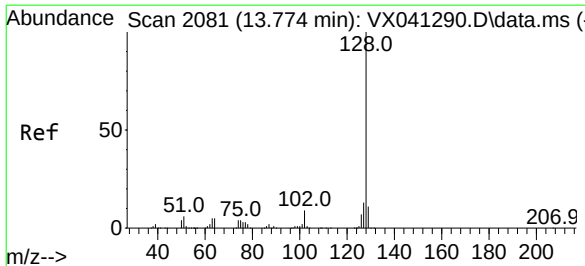
Delta R.T. -0.000 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Tgt	Ion:225	Resp:	3275
Ion	Ratio	Lower	Upper
225	100		
223	60.5	31.1	93.2
227	65.2	32.5	97.5





#95

Naphthalene

Concen: 2.382 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

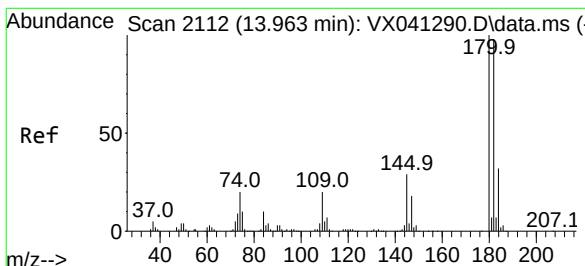
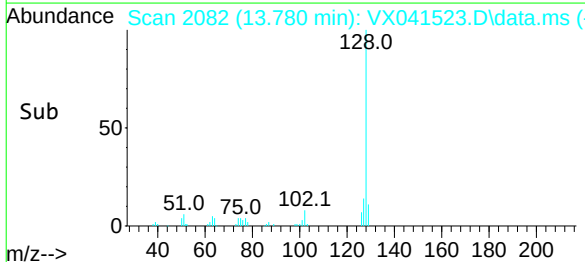
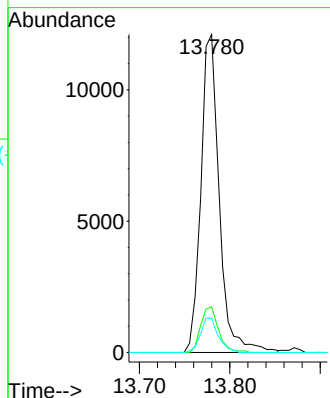
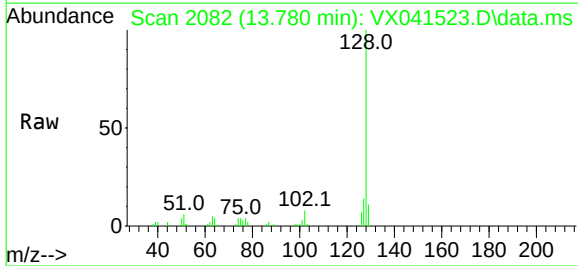
Tgt Ion:	128	Resp:	17107
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.3	15.5
129	10.5	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#96

1,2,3-Trichlorobenzene

Concen: 2.542 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX041523.D

Acq: 14 May 2024 16:45

Tgt Ion:	180	Resp:	6295
Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.9	140.6
145	29.8	17.8	53.5

