

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
 Data File : VX043038.D
 Acq On : 14 Aug 2024 17:53
 Operator : JC/MD
 Sample : P3390-07 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024

Quant Time: Aug 15 05:00:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 04:57:27 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 08/15/2024
 Supervised By :Mahesh Dadoda 08/15/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	125357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	226286	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81660	49.575	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.140%		
35) Dibromofluoromethane	5.385	113	69216	49.444	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.880%		
50) Toluene-d8	8.647	98	260953	48.290	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.580%		
62) 4-Bromofluorobenzene	11.079	95	86916	44.358	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	88.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	3088	2.436	ug/l	90
3) Chloromethane	1.300	50	4745	2.529	ug/l	90
4) Vinyl Chloride	1.374	62	4577	2.429	ug/l	94
5) Bromomethane	1.593	94	2199	3.851	ug/l	94
6) Chloroethane	1.666	64	2185	3.679	ug/l #	82
7) Trichlorofluoromethane	1.874	101	5028	2.552	ug/l	97
8) Diethyl Ether	2.142	74	2467	2.707	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.319	101	3602	2.556	ug/l	96
10) Methyl Iodide	2.447	142	3054	2.030	ug/l #	86
11) Tert butyl alcohol	2.989	59	5305m	12.483	ug/l	
12) 1,1-Dichloroethene	2.306	96	4002	2.647	ug/l	89
13) Acrolein	2.239	56	5186	12.070	ug/l	85
14) Allyl chloride	2.660	41	7078	2.498	ug/l	93
15) Acrylonitrile	3.075	53	13247	12.585	ug/l	90
16) Acetone	2.392	43	9523	11.656	ug/l #	82
17) Carbon Disulfide	2.501	76	10516	2.425	ug/l #	92
18) Methyl Acetate	2.709	43	6933	2.568	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	12504	2.454	ug/l	97
20) Methylene Chloride	2.782	84	5299	2.805	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	3906	2.477	ug/l	90
22) Diisopropyl ether	3.770	45	13749	2.376	ug/l #	78
23) Vinyl Acetate	3.727	43	79196	11.739	ug/l	97
24) 1,1-Dichloroethane	3.611	63	7199	2.467	ug/l	98
25) 2-Butanone	4.580	43	16230	11.332	ug/l	96
26) 2,2-Dichloropropane	4.477	77	5338	2.296	ug/l	86
27) cis-1,2-Dichloroethene	4.489	96	4750	2.496	ug/l	89
28) Bromochloromethane	4.910	49	3393	2.570	ug/l #	91
29) Tetrahydrofuran	5.031	42	12271	12.362	ug/l	98
30) Chloroform	5.099	83	6891	2.458	ug/l	91
31) Cyclohexane	5.464	56	6591	2.401	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	5873	2.509	ug/l	98
36) 1,1-Dichloropropene	5.696	75	4760	2.448	ug/l	97
37) Ethyl Acetate	4.745	43	6863	2.505	ug/l #	97
38) Carbon Tetrachloride	5.678	117	5004	2.545	ug/l	91
39) Methylcyclohexane	7.379	83	6359	2.362	ug/l	96
40) Benzene	6.037	78	16092	2.429	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	3719m	2.576	ug/l	
42) 1,2-Dichloroethane	6.092	62	4748	2.464	ug/l	96
43) Isopropyl Acetate	6.361	43	10355	2.343	ug/l	100
44) Trichloroethene	7.135	130	3595	2.396	ug/l	94
45) 1,2-Dichloropropane	7.433	63	3922	2.405	ug/l	100
46) Dibromomethane	7.592	93	2826	2.535	ug/l	97
47) Bromodichloromethane	7.824	83	5103	2.357	ug/l #	96
48) Methyl methacrylate	7.708	41	4551	2.309	ug/l	94
49) 1,4-Dioxane	7.677	88	2095m	48.539	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	33401	11.890	ug/l	99
52) Toluene	8.720	92	9770	2.441	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	5114	2.163	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	6185	2.379	ug/l #	80
55) 1,1,2-Trichloroethane	9.153	97	3886	2.472	ug/l	93
56) Ethyl methacrylate	9.122	69	6384	2.243	ug/l #	92
57) 1,3-Dichloropropane	9.311	76	6215	2.333	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.244	63	15650	11.716	ug/l	99
59) 2-Hexanone	9.433	43	26009	12.049	ug/l	98
60) Dibromochloromethane	9.518	129	3977	2.399	ug/l	98
61) 1,2-Dibromoethane	9.610	107	3818	2.408	ug/l	97
64) Tetrachloroethene	9.275	164	3052	2.514	ug/l	84
65) Chlorobenzene	10.079	112	10016	2.468	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	3268	2.390	ug/l	91
67) Ethyl Benzene	10.195	91	17436	2.472	ug/l	100
68) m/p-Xylenes	10.305	106	13242	4.883	ug/l	93
69) o-Xylene	10.646	106	6647	2.440	ug/l	94
70) Styrene	10.659	104	10903	2.387	ug/l	92
71) Bromoform	10.805	173	2782	2.450	ug/l #	99
73) Isopropylbenzene	10.963	105	15916	2.596	ug/l	94
74) N-amyl acetate	10.848	43	8253	2.363	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	5961	2.526	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	5041m	2.737	ug/l	
77) Bromobenzene	11.201	156	3894	2.644	ug/l	94
78) n-propylbenzene	11.305	91	17551	2.512	ug/l	99
79) 2-Chlorotoluene	11.366	91	11330	2.605	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	12704	2.515	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.024	75	1830	2.167	ug/l	88
82) 4-Chlorotoluene	11.457	91	12012	2.479	ug/l	99
83) tert-Butylbenzene	11.713	119	13932	2.665	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	12866	2.525	ug/l	94
85) sec-Butylbenzene	11.890	105	16033	2.527	ug/l	100
86) p-Isopropyltoluene	12.012	119	12690	2.448	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	6885	2.600	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	6940	2.561	ug/l	90
89) n-Butylbenzene	12.335	91	9826	2.189	ug/l	98
90) Hexachloroethane	12.536	117	2574	2.472	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	6476	2.425	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1225	2.653	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	3445	2.292	ug/l	97
94) Hexachlorobutadiene	13.725	225	1416	2.525	ug/l	96
95) Naphthalene	13.780	128	14549	2.451	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	3579	2.328	ug/l	93

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ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

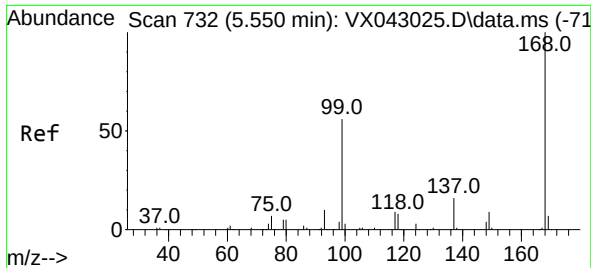
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 08/15/2024

Quant Time: Aug 15 05:00:04 2024
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Quant Title : SW846 8260
QLast Update : Thu Aug 15 04:57:27 2024
Response via : Initial Calibration

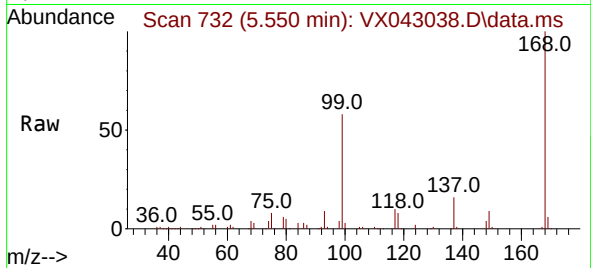
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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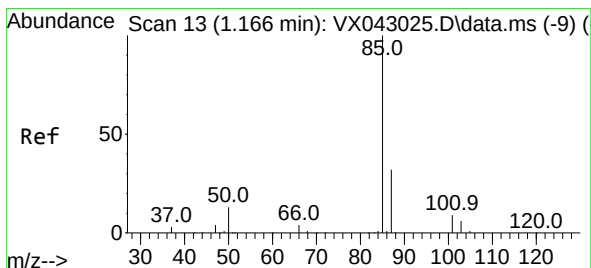
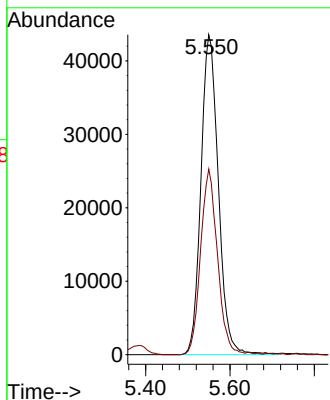
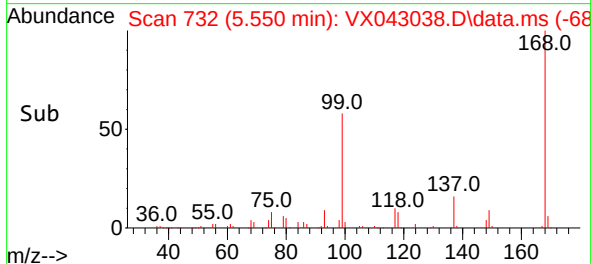
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:168 Resp: 12535
Ion Ratio Lower Upper
168 100
99 58.0 56.6 85.0

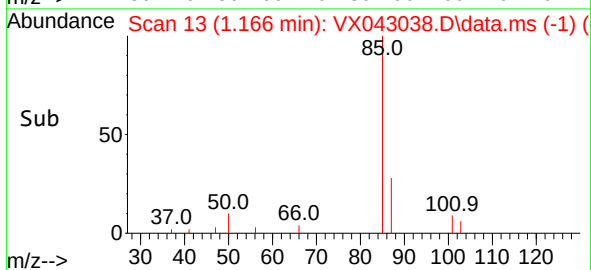
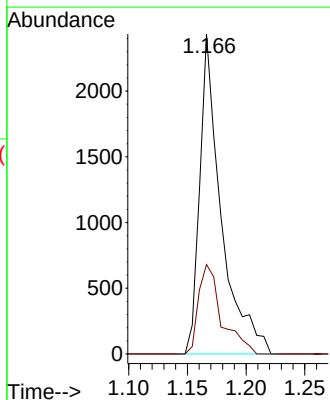
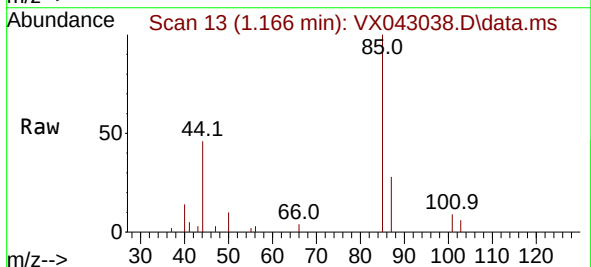
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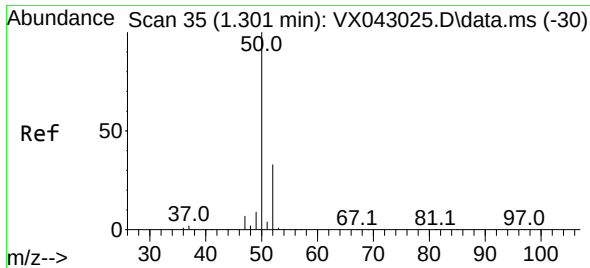
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#2
Dichlorodifluoromethane
Concen: 2.436 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

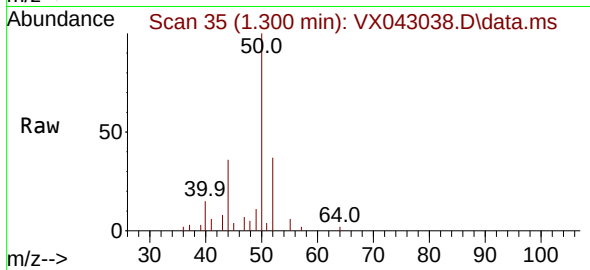
Tgt Ion: 85 Resp: 3088
Ion Ratio Lower Upper
85 100
87 28.0 16.7 50.1





#3
Chloromethane
Concen: 2.529 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

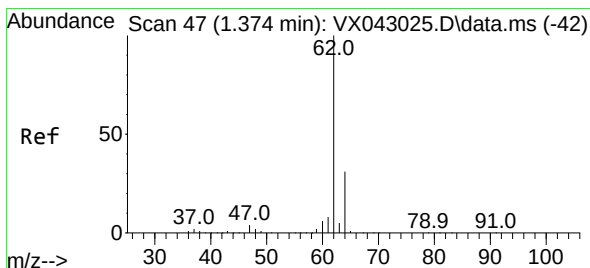
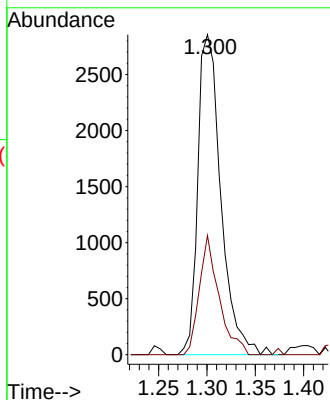
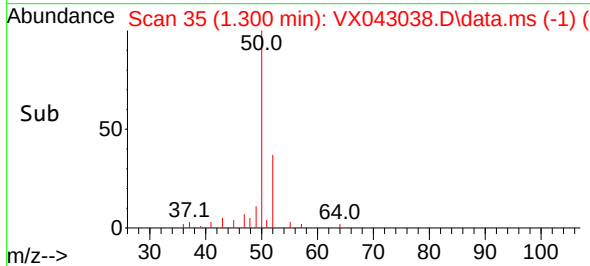
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Tgt Ion: 50 Resp: 4749
Ion Ratio Lower Upper
50 100
52 37.3 25.5 38.3

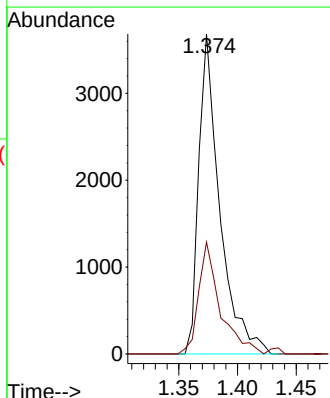
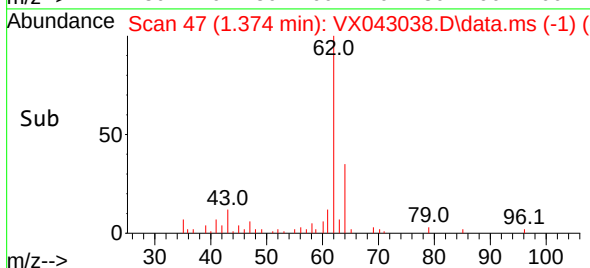
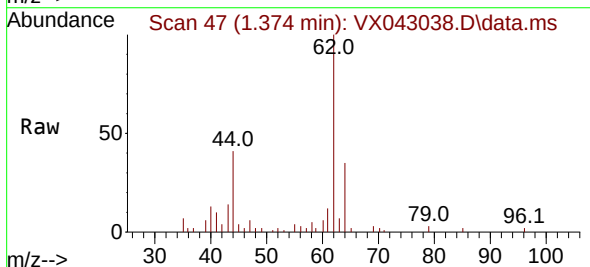
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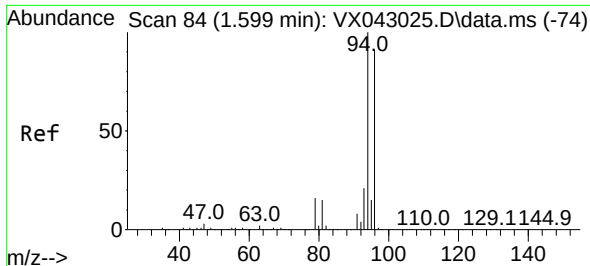
Reviewed By :John Carlone 08/15/2024
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#4
Vinyl Chloride
Concen: 2.429 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

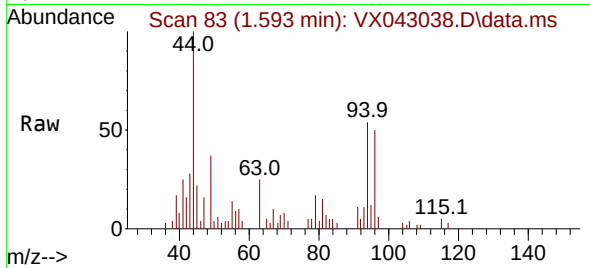
Tgt Ion: 62 Resp: 4577
Ion Ratio Lower Upper
62 100
64 34.9 25.4 38.0





#5
Bromomethane
Concen: 3.851 ug/l
RT: 1.593 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

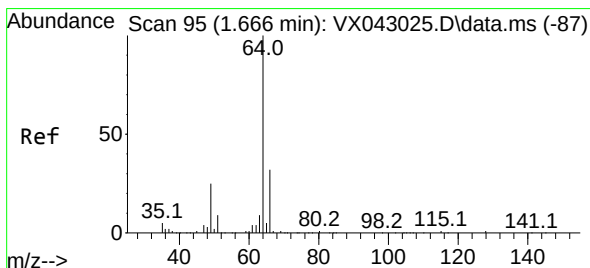
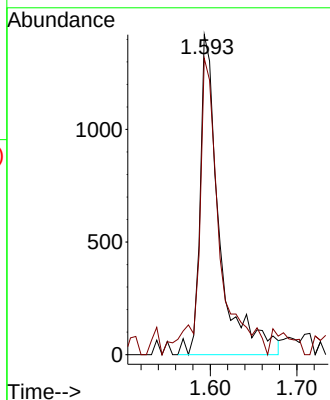
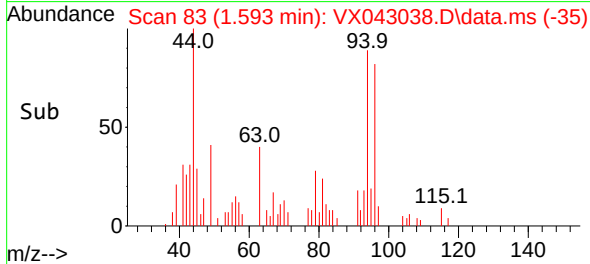
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 94 Resp: 2199
Ion Ratio Lower Upper
94 100
96 87.8 74.6 111.8

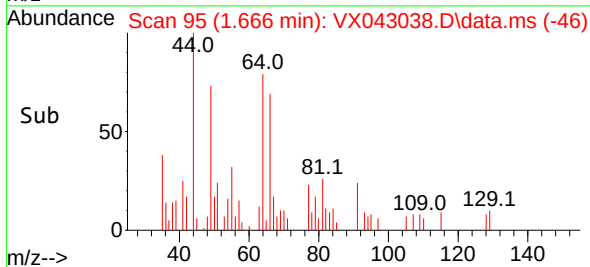
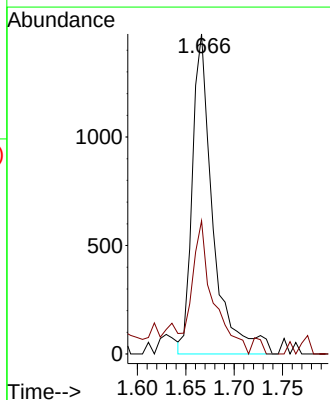
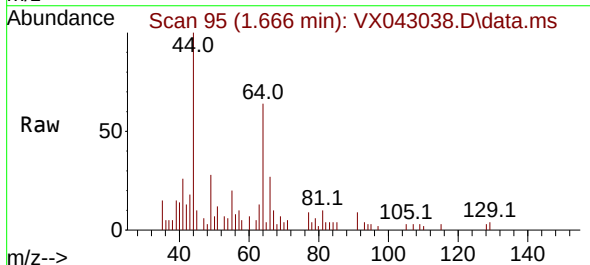
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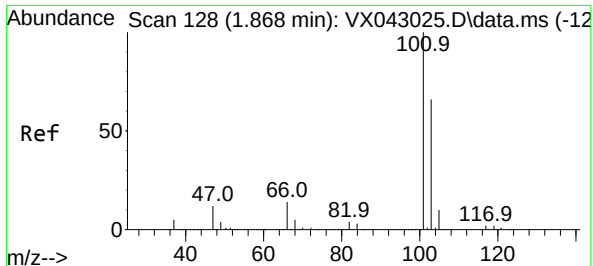
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#6
Chloroethane
Concen: 3.679 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX043038.D
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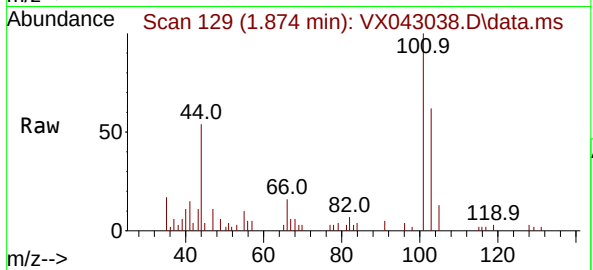
Tgt Ion: 64 Resp: 2185
Ion Ratio Lower Upper
64 100
66 41.6 25.1 37.7#





#7
Trichlorofluoromethane
Concen: 2.552 ug/l
RT: 1.874 min Scan# 101
Delta R.T. 0.006 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

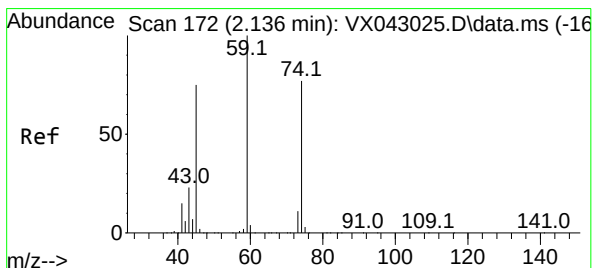
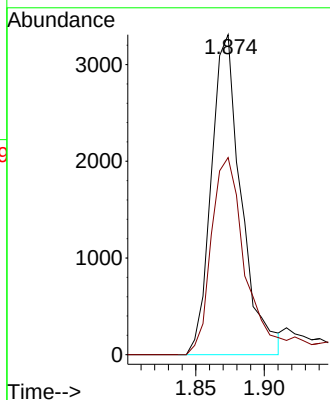
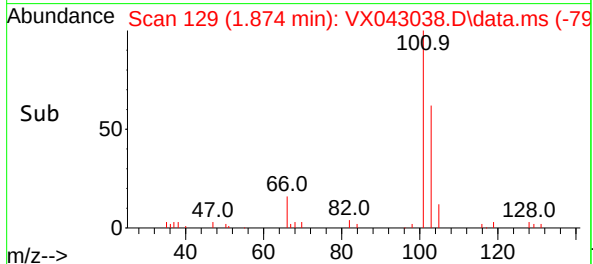
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



Tgt Ion:101 Resp: 5028
Ion Ratio Lower Upper
101 100
103 61.6 51.4 77.2

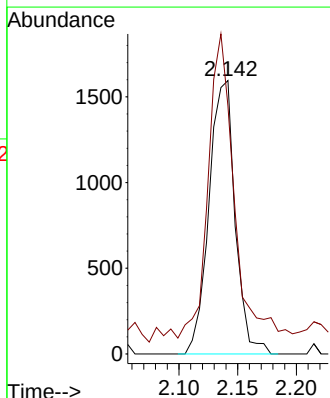
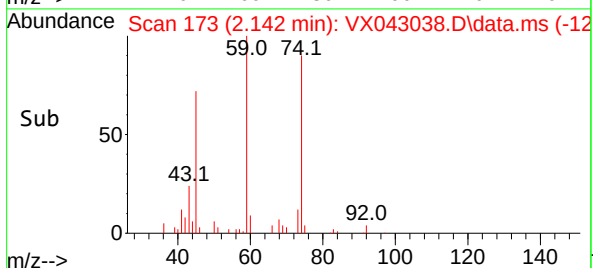
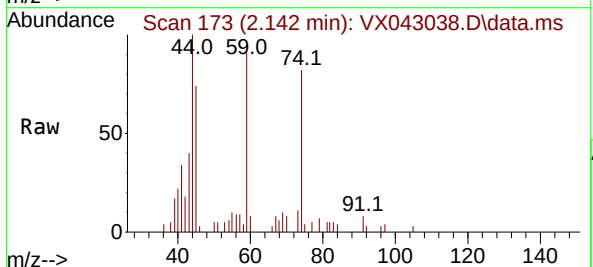
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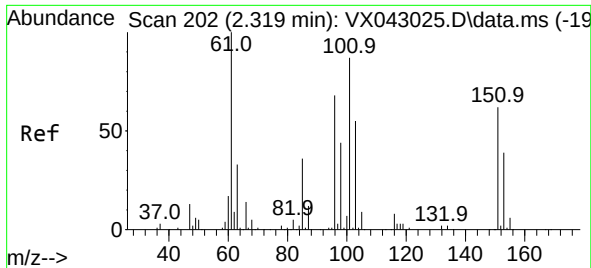
Reviewed By :John Carlone 08/15/2024
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#8
Diethyl Ether
Concen: 2.707 ug/l
RT: 2.142 min Scan# 173
Delta R.T. 0.006 min
Lab File: VX043038.D
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Tgt Ion: 74 Resp: 2467
Ion Ratio Lower Upper
74 100
45 121.9 53.3 159.8





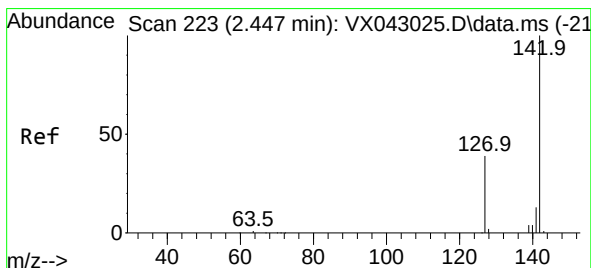
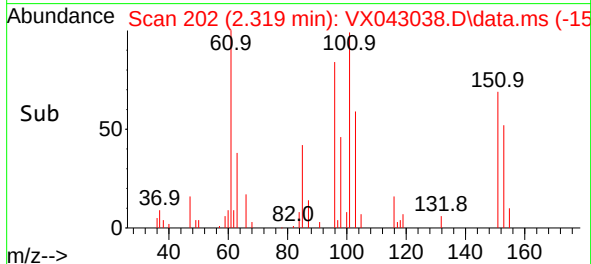
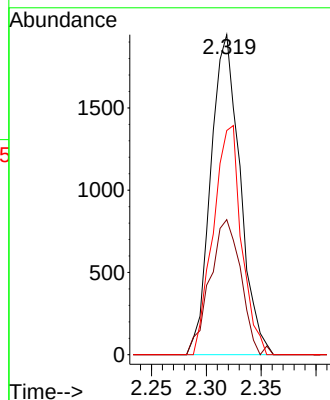
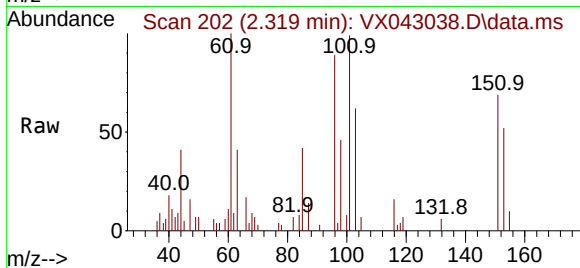
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.556 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion:101 Resp: 3602
Ion Ratio Lower Upper
101 100
85 44.8 37.0 55.6
151 69.4 58.6 87.8

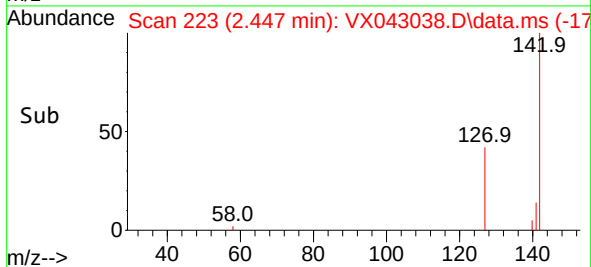
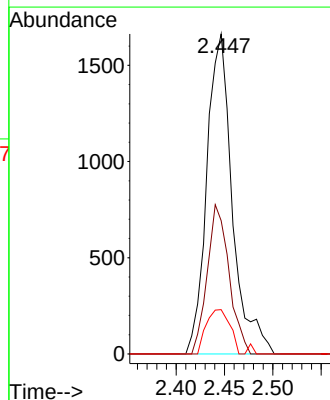
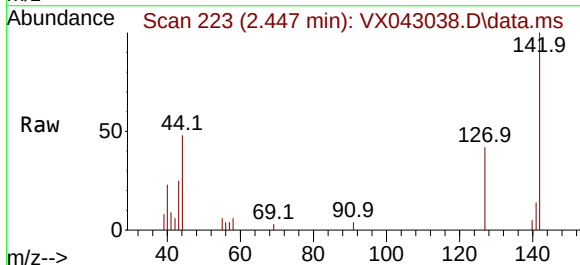
Manual Integrations
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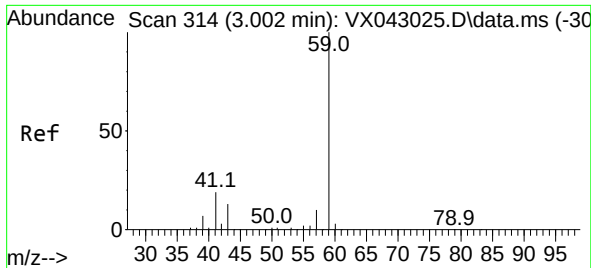
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#10
Methyl Iodide
Concen: 2.030 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

Tgt Ion:142 Resp: 3054
Ion Ratio Lower Upper
142 100
127 39.8 41.6 62.4#
141 12.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 12.483 ug/l m

RT: 2.989 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX043038.D

Acq: 14 Aug 2024 17:53

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 59 Resp: 530

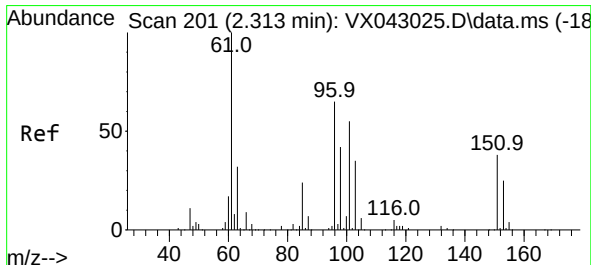
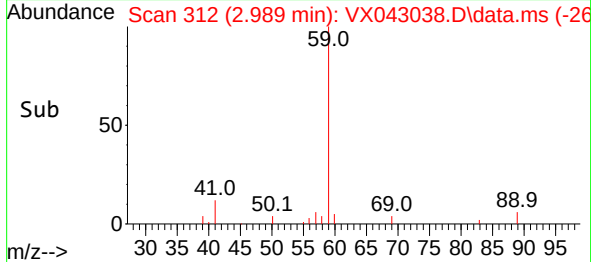
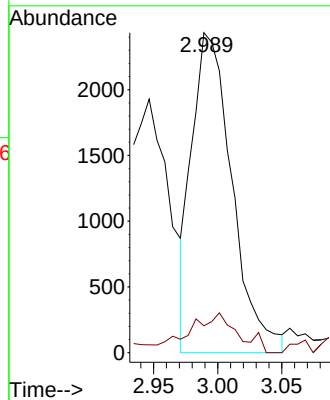
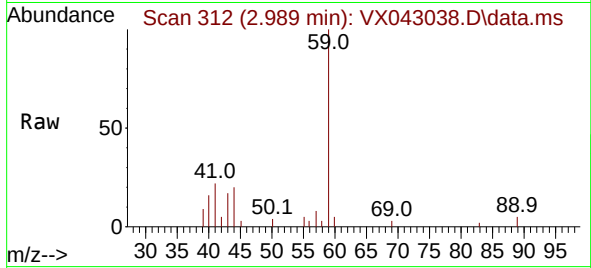
Ion	Ratio	Lower	Upper
59	100		
57	14.8	6.0	9.0

Manual Integrations

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Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#12

1,1-Dichloroethene

Concen: 2.647 ug/l

RT: 2.306 min Scan# 200

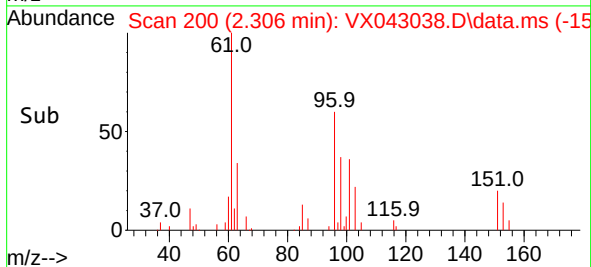
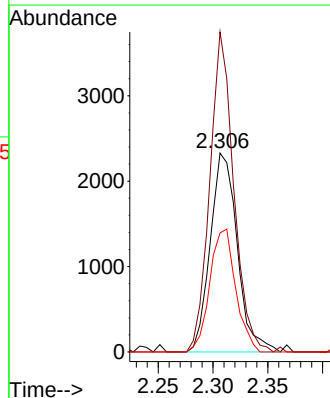
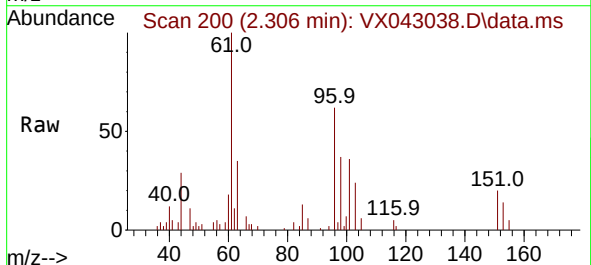
Delta R.T. -0.006 min

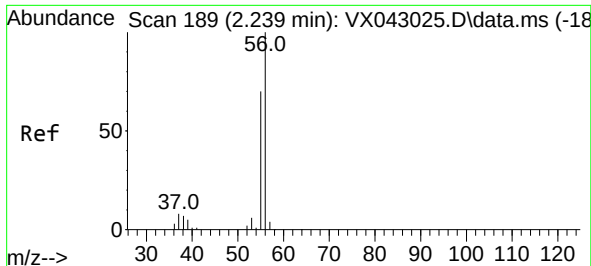
Lab File: VX043038.D

Acq: 14 Aug 2024 17:53

Tgt Ion: 96 Resp: 4002

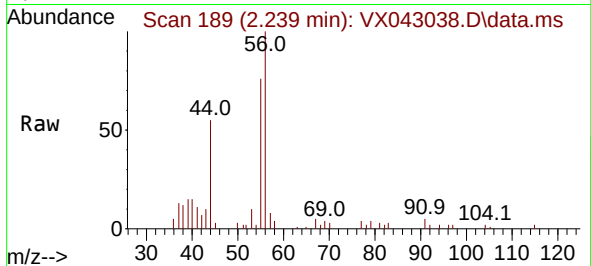
Ion	Ratio	Lower	Upper
96	100		
61	160.9	144.6	216.8
98	59.9	50.4	75.6





#13
Acrolein
Concen: 12.070 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

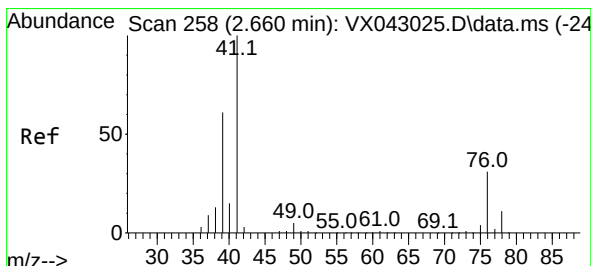
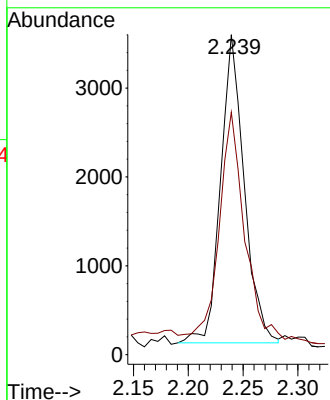
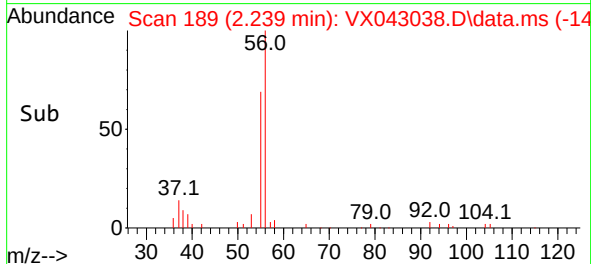
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 56 Resp: 5180
Ion Ratio Lower Upper
56 100
55 84.2 57.1 85.7

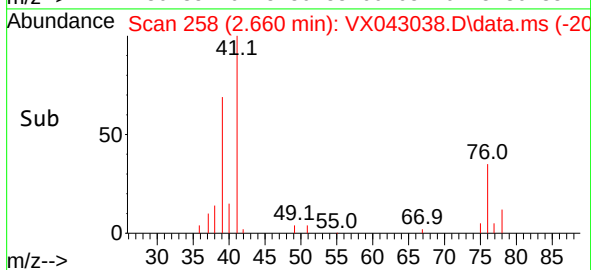
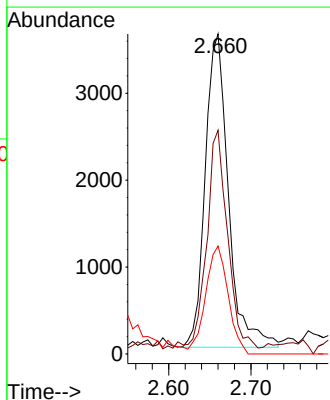
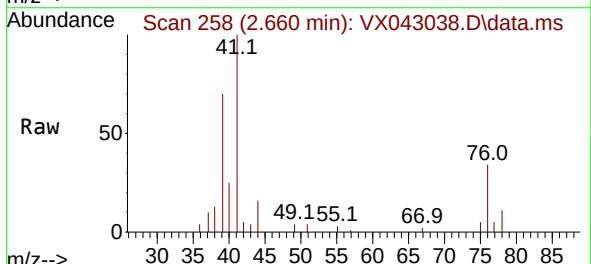
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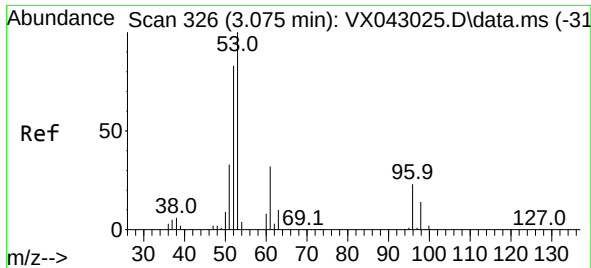
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#14
Allyl chloride
Concen: 2.498 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

Tgt Ion: 41 Resp: 7078
Ion Ratio Lower Upper
41 100
39 63.8 55.8 83.6
76 33.4 24.3 36.5





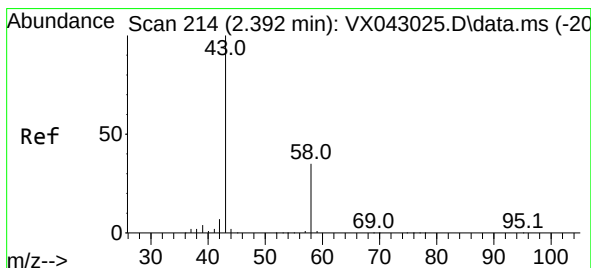
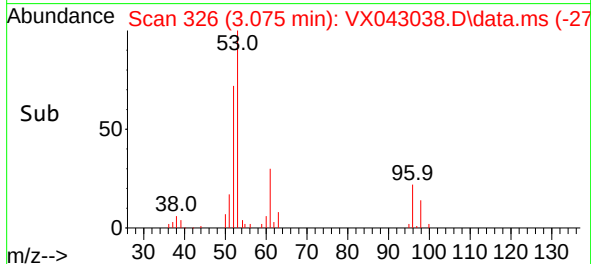
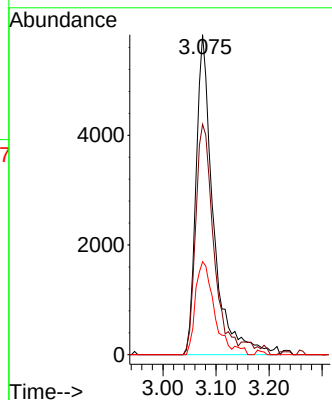
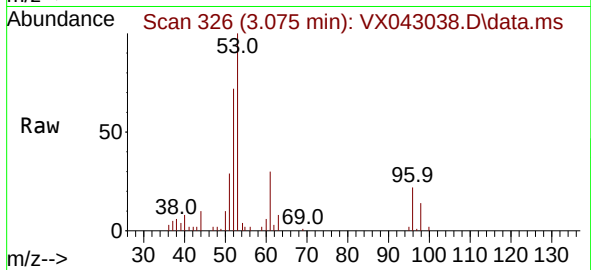
#15
Acrylonitrile
Concen: 12.585 ug/l
RT: 3.075 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 53 Resp: 1324
Ion Ratio Lower Upper
53 100
52 74.4 66.0 99.0
51 30.6 29.8 44.6

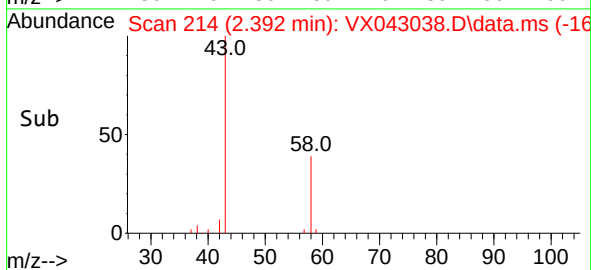
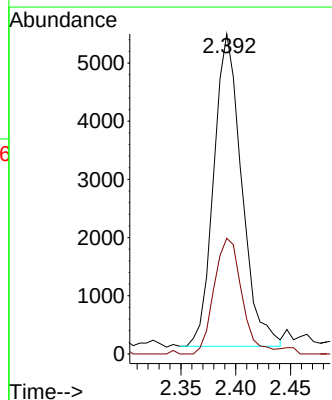
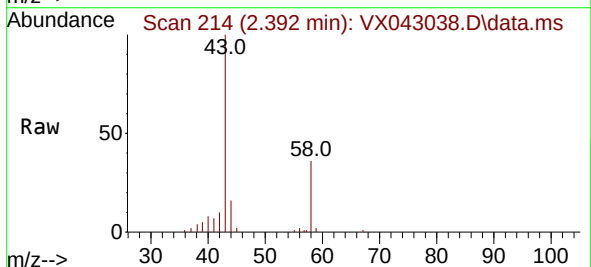
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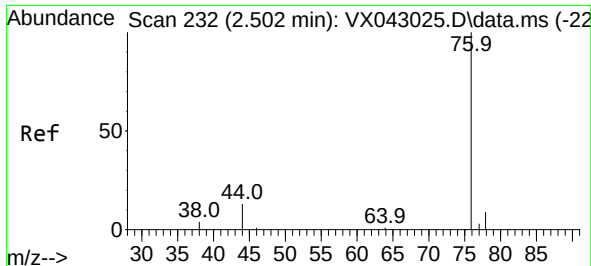
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#16
Acetone
Concen: 11.656 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

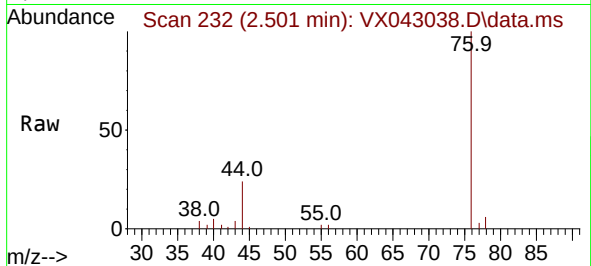
Tgt Ion: 43 Resp: 9523
Ion Ratio Lower Upper
43 100
58 37.0 21.9 32.9#





#17
Carbon Disulfide
Concen: 2.425 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

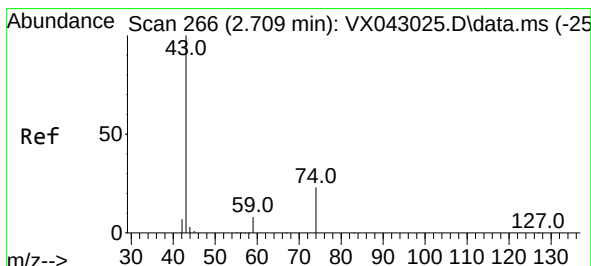
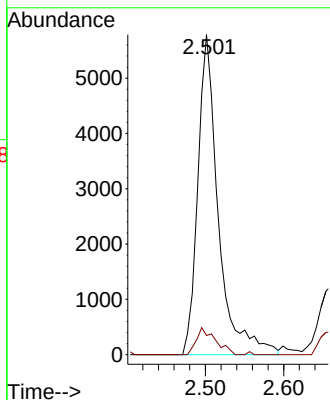
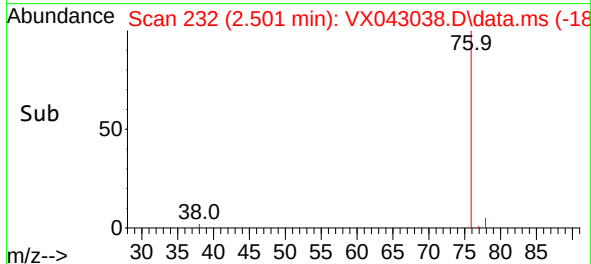
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 76 Resp: 10510
Ion Ratio Lower Upper
76 100
78 6.0 7.0 10.6

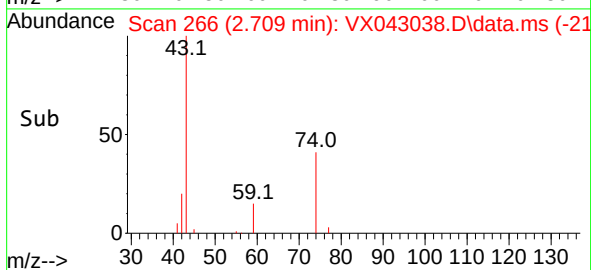
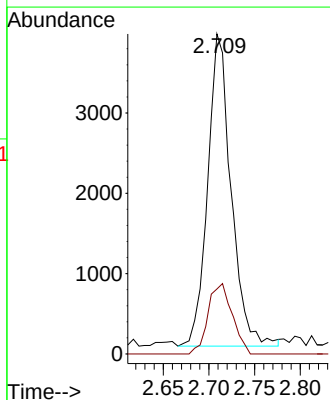
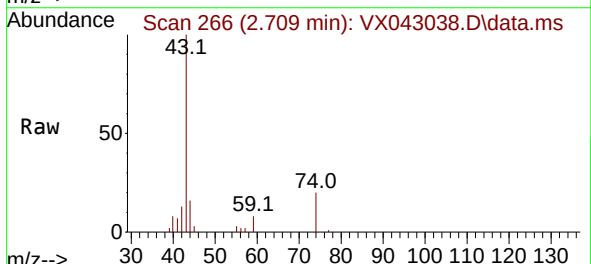
Manual Integrations
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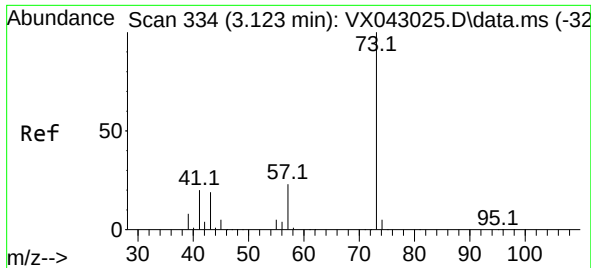
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#18
Methyl Acetate
Concen: 2.568 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

Tgt Ion: 43 Resp: 6933
Ion Ratio Lower Upper
43 100
74 23.2 17.8 26.8





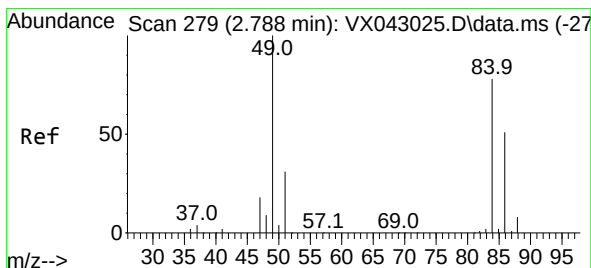
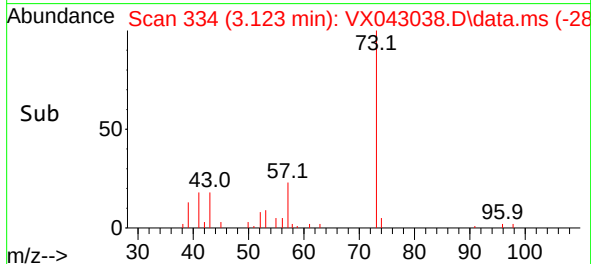
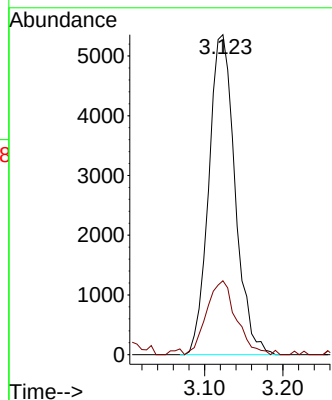
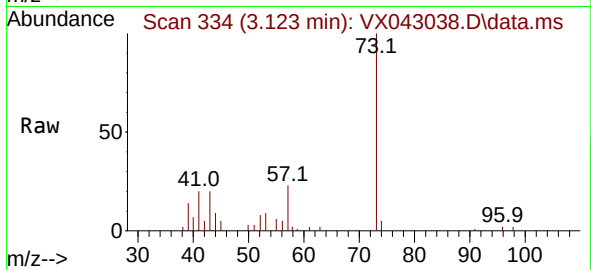
#19
Methyl tert-butyl Ether
Concen: 2.454 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 73 Resp: 12504
Ion Ratio Lower Upper
73 100
57 23.1 17.3 25.9

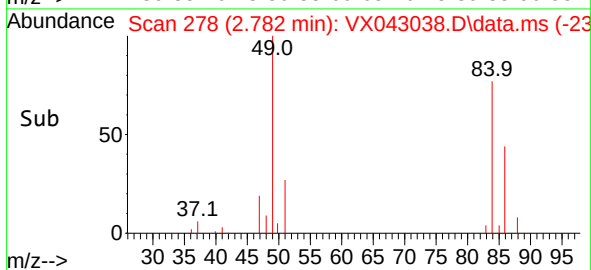
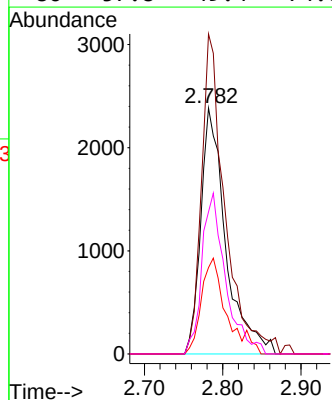
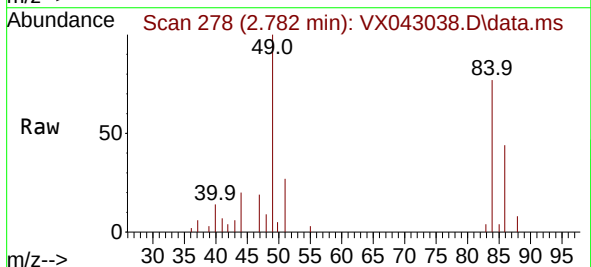
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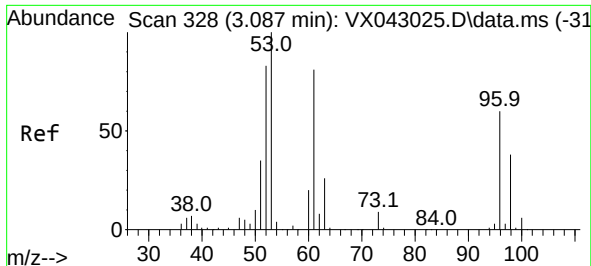
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#20
Methylene Chloride
Concen: 2.805 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

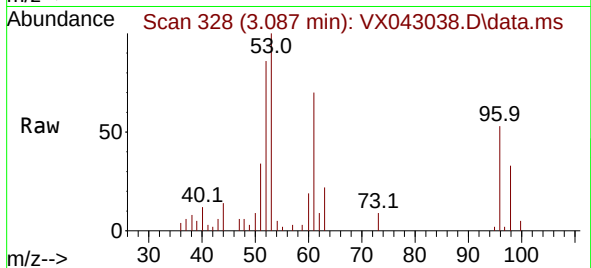
Tgt Ion: 84 Resp: 5299
Ion Ratio Lower Upper
84 100
49 130.2 103.6 155.4
51 35.2 33.8 50.6
86 57.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 2.477 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

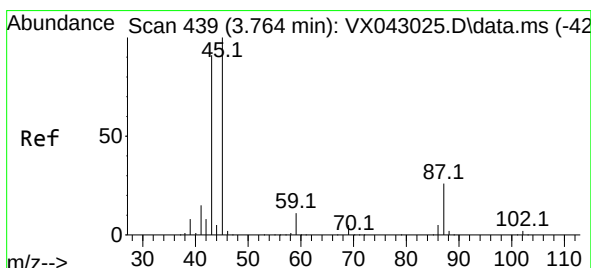
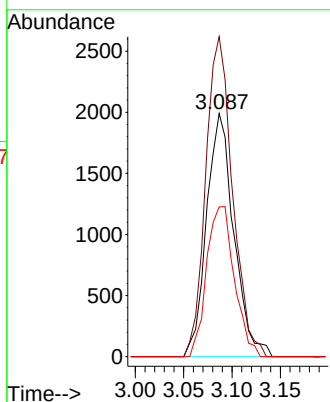
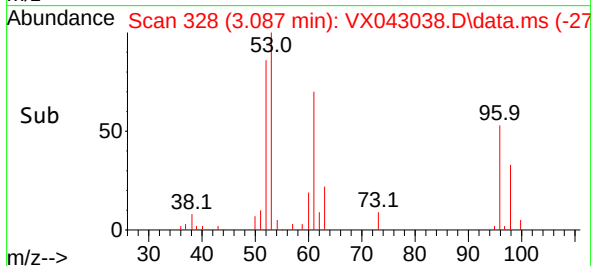
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 96 Resp: 3900
Ion Ratio Lower Upper
96 100
61 131.6 119.2 178.8
98 61.6 48.7 73.1

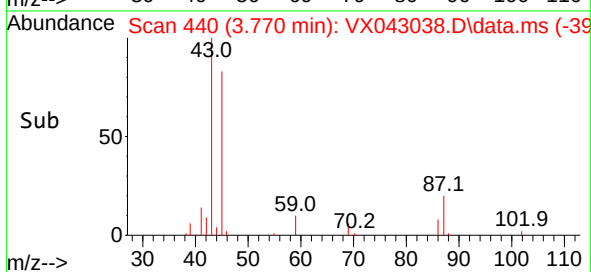
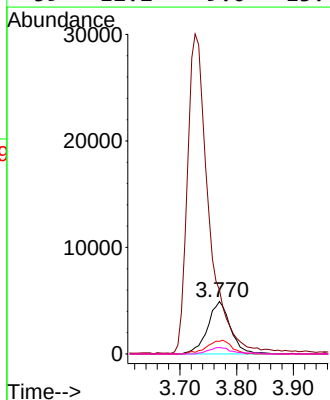
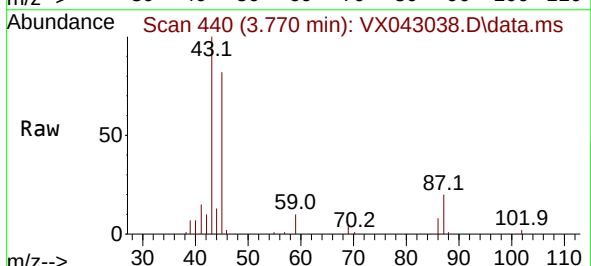
Manual Integrations
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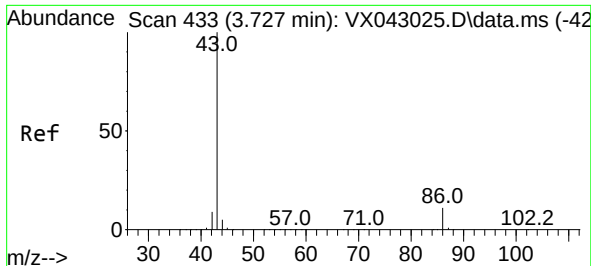
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#22
Diisopropyl ether
Concen: 2.376 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

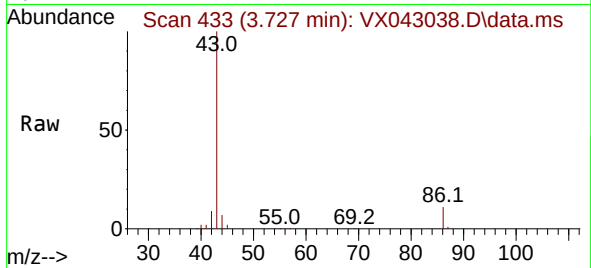
Tgt Ion: 45 Resp: 13749
Ion Ratio Lower Upper
45 100
43 114.4 69.7 104.5#
87 24.0 20.8 31.2
59 12.2 9.0 13.4





#23
 Vinyl Acetate
 Concen: 11.739 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX043038.D
 Acq: 14 Aug 2024 17:53

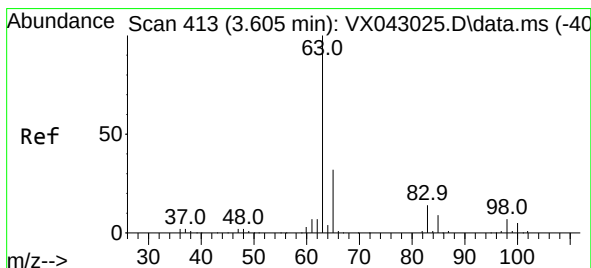
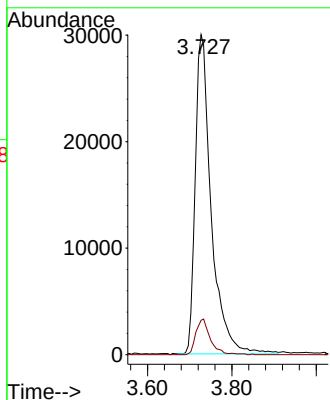
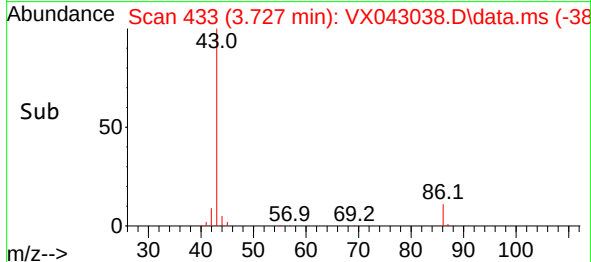
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024



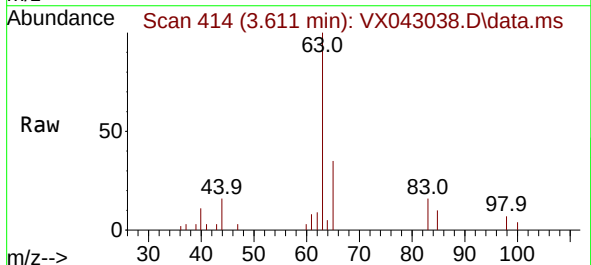
Tgt Ion: 43 Resp: 79190
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.8 11.8

Manual Integrations
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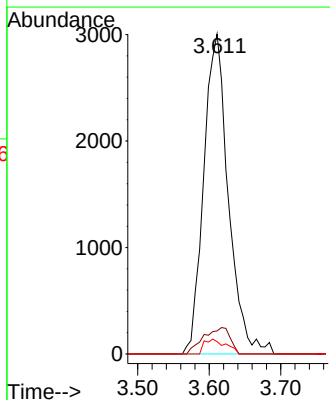
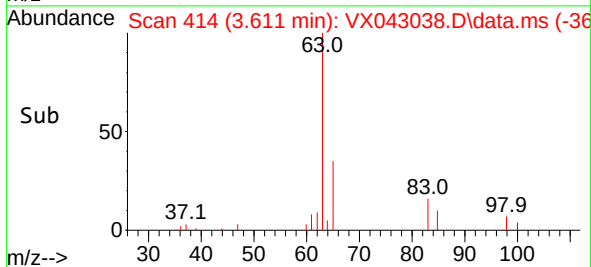
Reviewed By :John Carlone 08/15/2024
 Supervised By :Mahesh Dadoda 08/15/2024

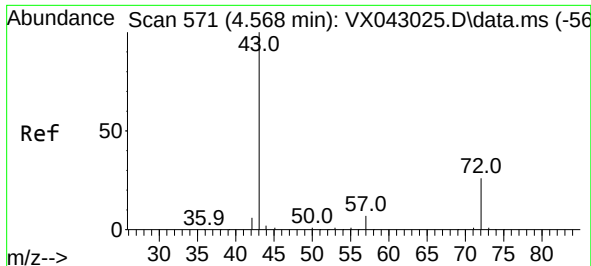


#24
 1,1-Dichloroethane
 Concen: 2.467 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX043038.D
 Acq: 14 Aug 2024 17:53



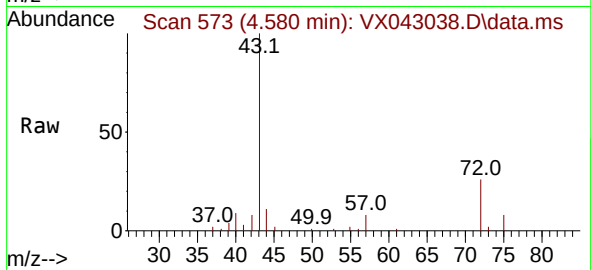
Tgt Ion: 63 Resp: 7199
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.8
 100 3.9 2.1 6.5





#25
2-Butanone
Concen: 11.332 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

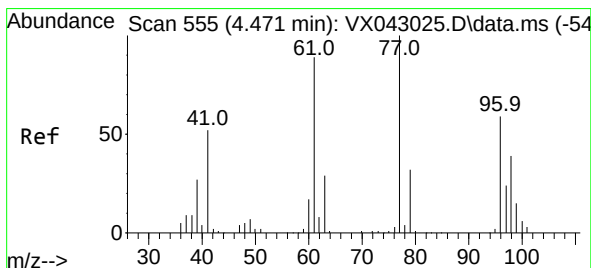
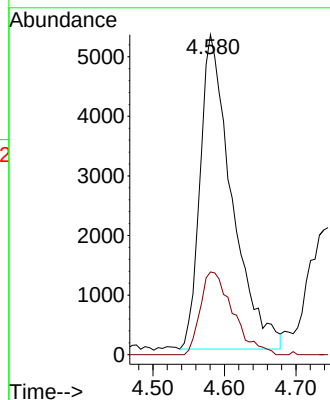
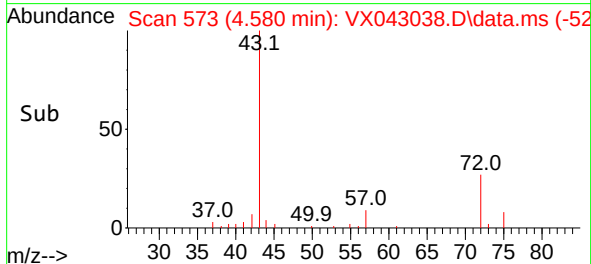
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 43 Resp: 16230
Ion Ratio Lower Upper
43 100
72 26.3 19.4 29.2

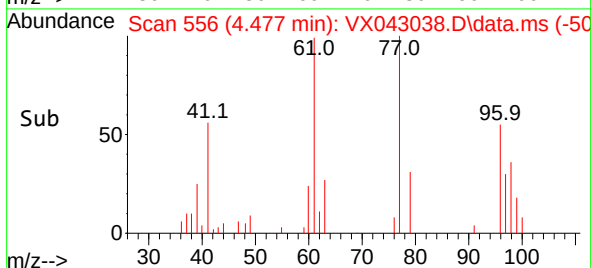
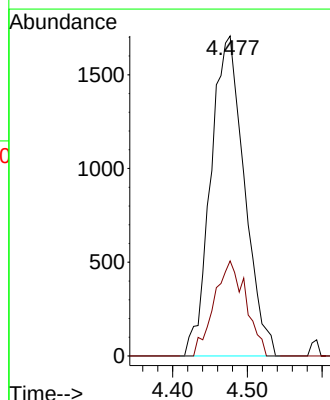
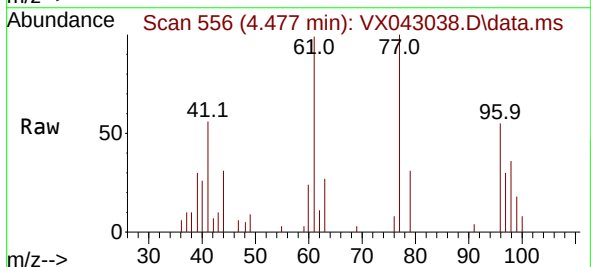
Manual Integrations
APPROVED

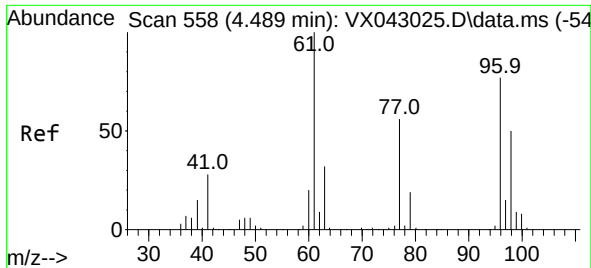
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#26
2,2-Dichloropropane
Concen: 2.296 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

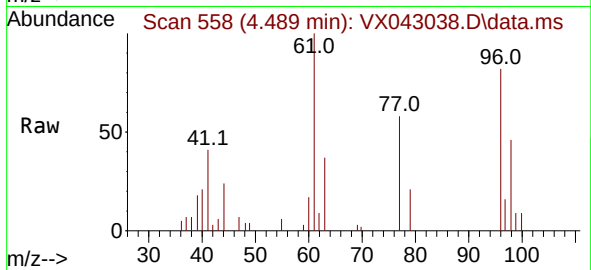
Tgt Ion: 77 Resp: 5338
Ion Ratio Lower Upper
77 100
97 28.1 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 2.496 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. -0.000 min
 Lab File: VX043038.D
 Acq: 14 Aug 2024 17:53

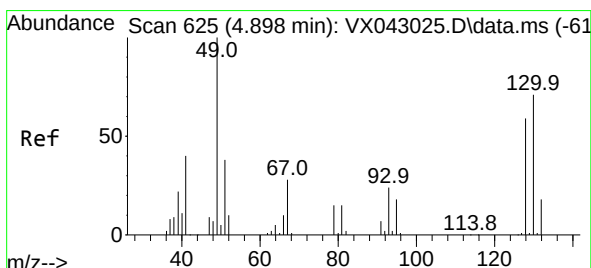
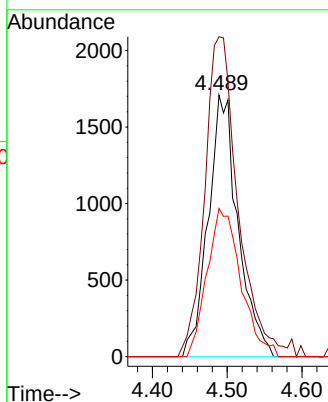
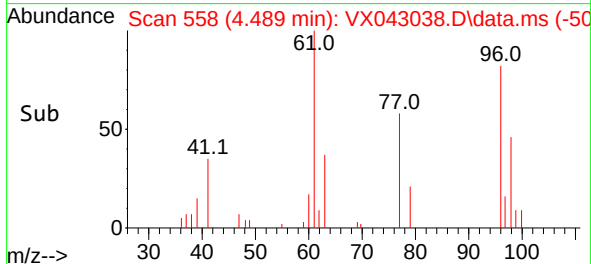
Instrument : MSVOA_X
 ClientSampleId : LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 96 Resp: 4750
 Ion Ratio Lower Upper
 96 100
 61 136.1 0.0 312.2
 98 64.0 0.0 129.0

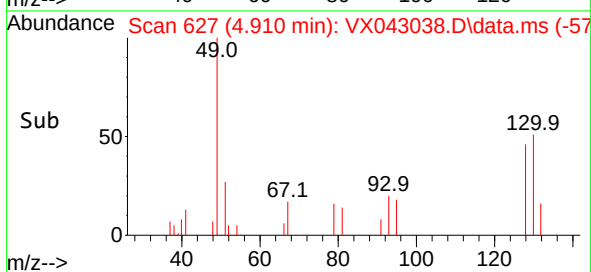
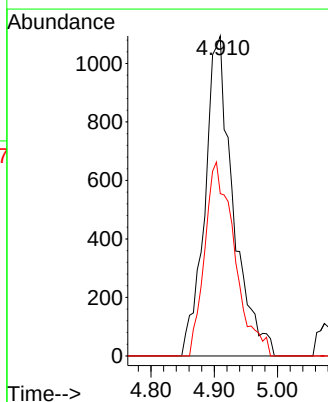
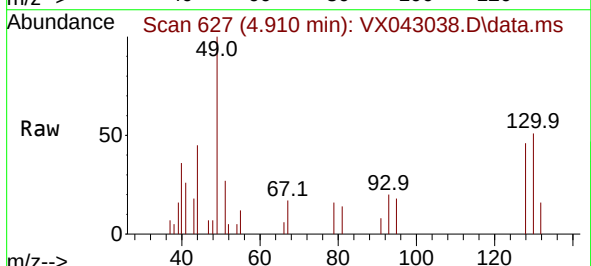
Manual Integrations
 APPROVED

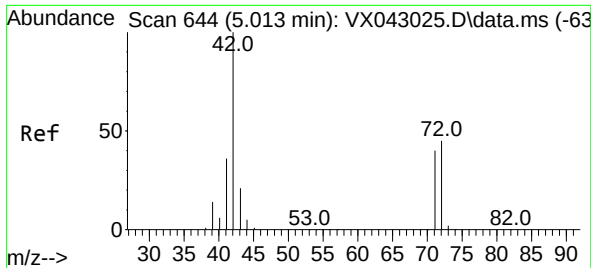
Reviewed By :John Carlone 08/15/2024
 Supervised By :Mahesh Dadoda 08/15/2024



#28
 Bromochloromethane
 Concen: 2.570 ug/l
 RT: 4.910 min Scan# 627
 Delta R.T. 0.012 min
 Lab File: VX043038.D
 Acq: 14 Aug 2024 17:53

Tgt Ion: 49 Resp: 3393
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 64.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 12.362 ug/l

RT: 5.031 min Scan# 644

Delta R.T. 0.018 min

Lab File: VX043038.D

Acq: 14 Aug 2024 17:53

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

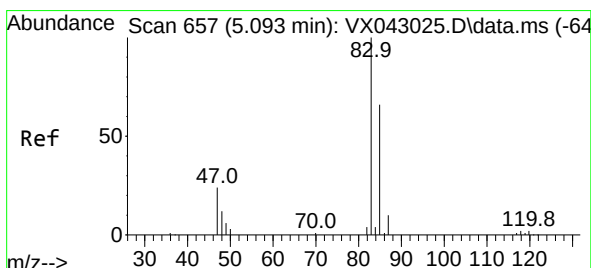
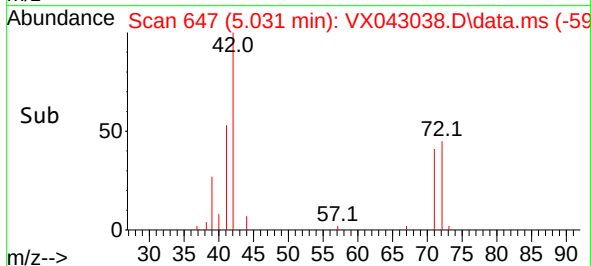
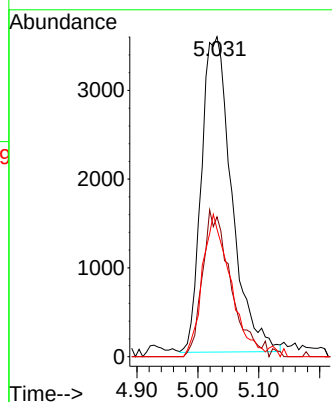
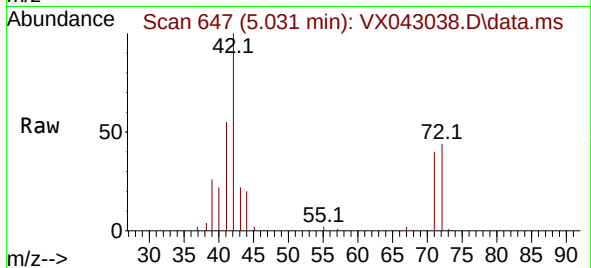
Tgt Ion:	42	Resp:	1227
Ion Ratio	Lower	Upper	
42	100		
72	44.1	34.2	51.4
71	42.0	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#30

Chloroform

Concen: 2.458 ug/l

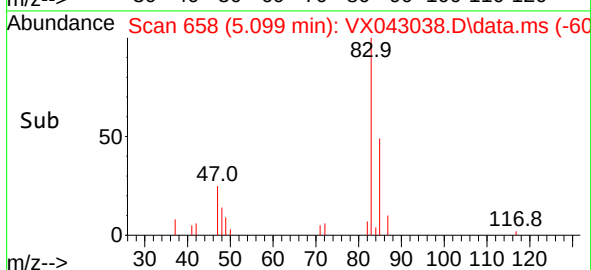
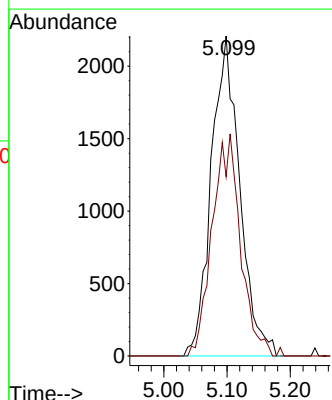
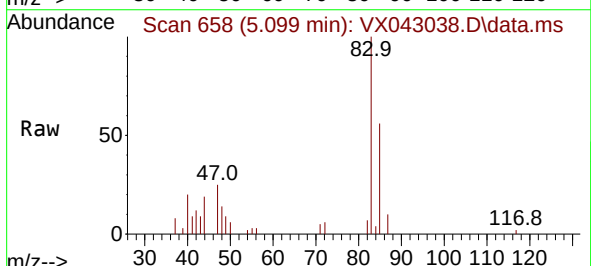
RT: 5.099 min Scan# 658

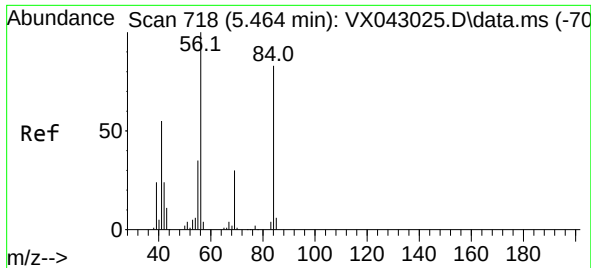
Delta R.T. 0.006 min

Lab File: VX043038.D

Acq: 14 Aug 2024 17:53

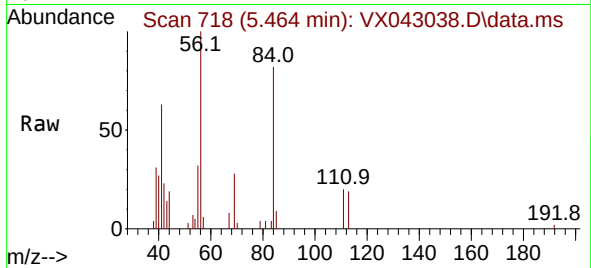
Tgt Ion:	83	Resp:	6891
Ion Ratio	Lower	Upper	
83	100		
85	56.0	50.3	75.5





#31
Cyclohexane
Concen: 2.401 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

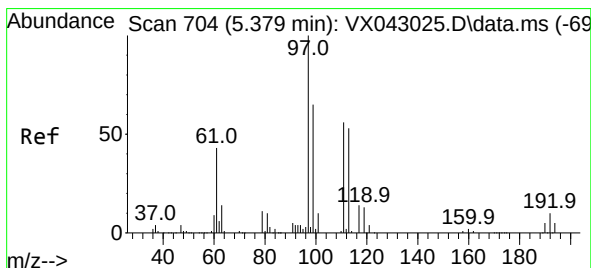
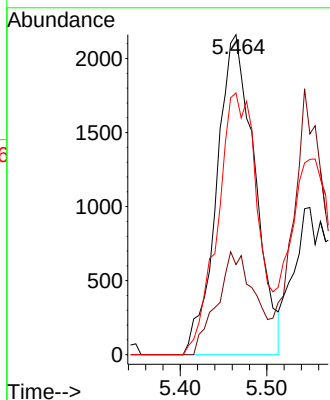
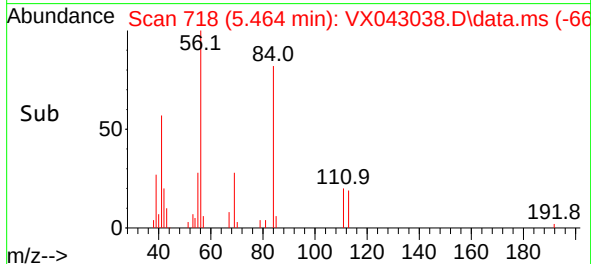
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



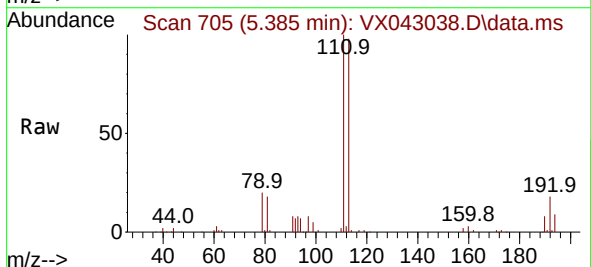
Tgt Ion: 56 Resp: 659
Ion Ratio Lower Upper
56 100
69 28.1 23.4 35.2
84 81.8 65.9 98.9

Manual Integrations
APPROVED

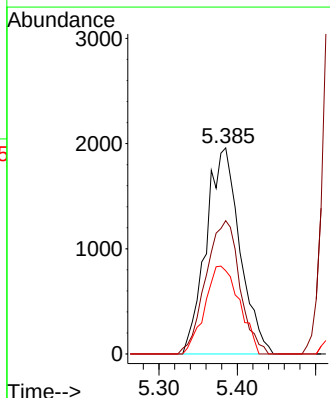
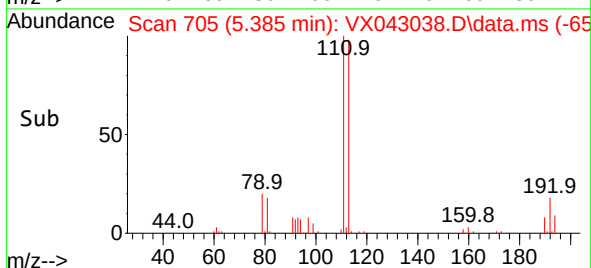
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024

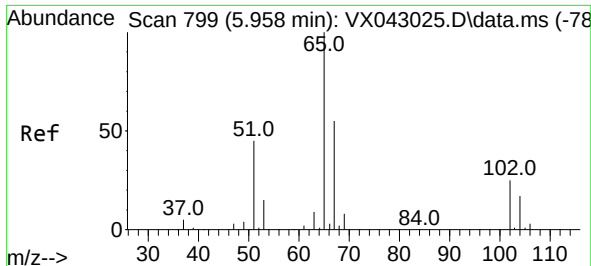


#32
1,1,1-Trichloroethane
Concen: 2.509 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53



Tgt Ion: 97 Resp: 5873
Ion Ratio Lower Upper
97 100
99 64.8 51.1 76.7
61 43.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 49.575 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX043038.D

Acq: 14 Aug 2024 17:53

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 65 Resp: 81660

Ion Ratio Lower Upper

65 100

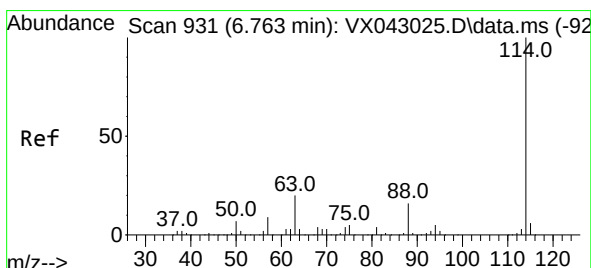
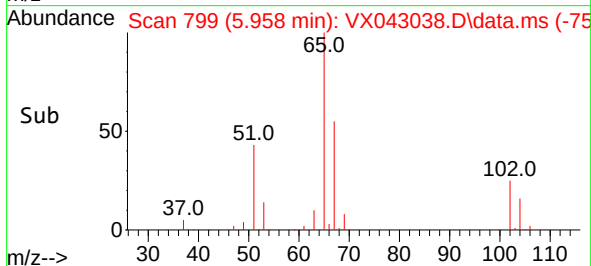
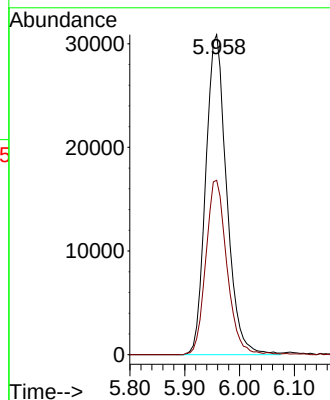
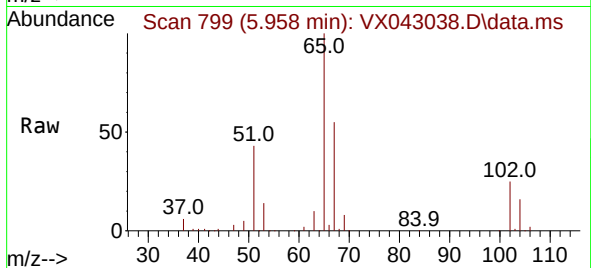
67 54.8 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX043038.D

Acq: 14 Aug 2024 17:53

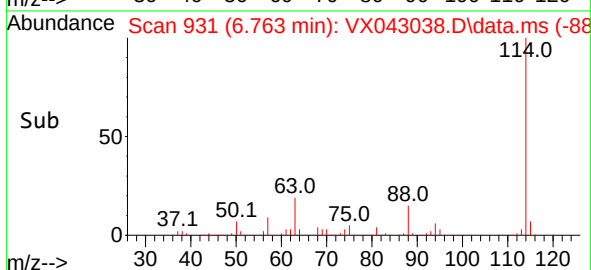
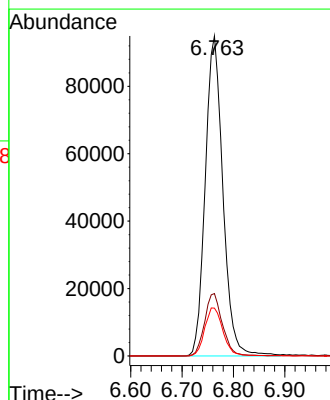
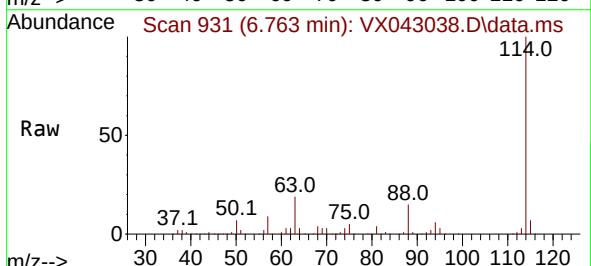
Tgt Ion:114 Resp: 226286

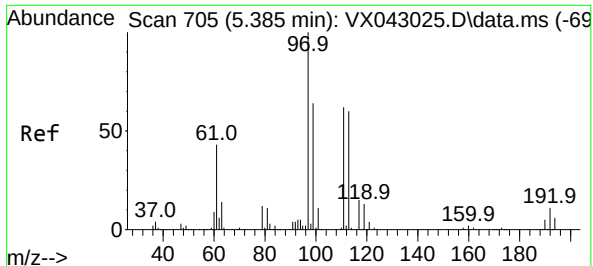
Ion Ratio Lower Upper

114 100

63 19.5 0.0 45.0

88 15.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.444 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX043038.D

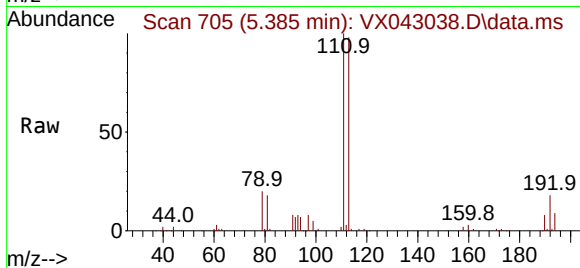
Acq: 14 Aug 2024 17:53

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



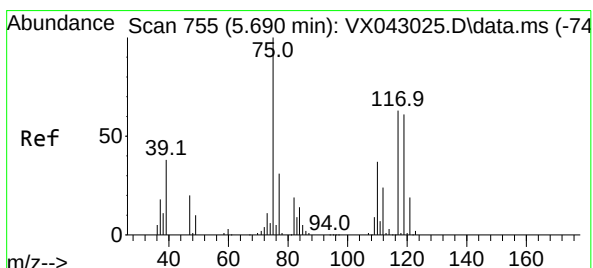
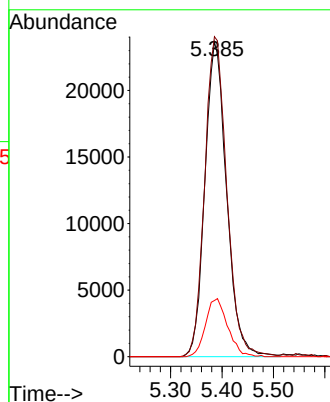
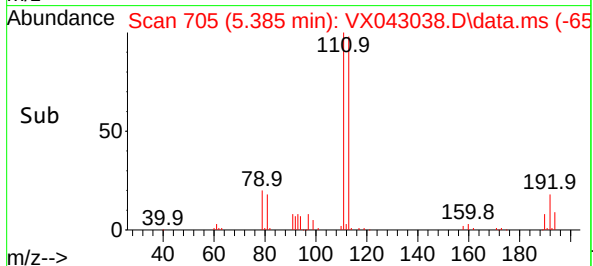
Tgt Ion:	113	Resp:	69210
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.9	124.3
192	18.9	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#36

1,1-Dichloropropene

Concen: 2.448 ug/l

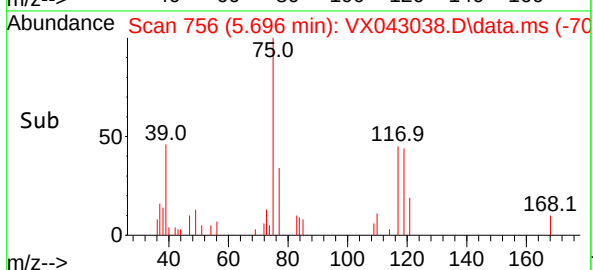
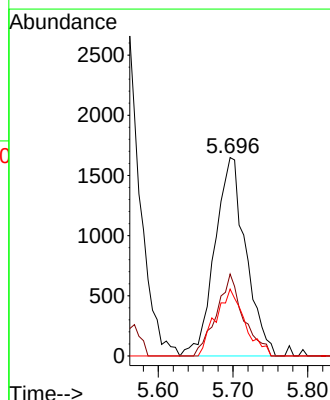
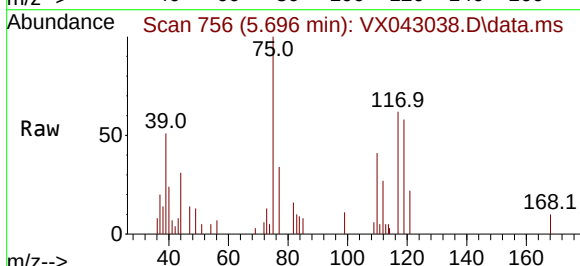
RT: 5.696 min Scan# 756

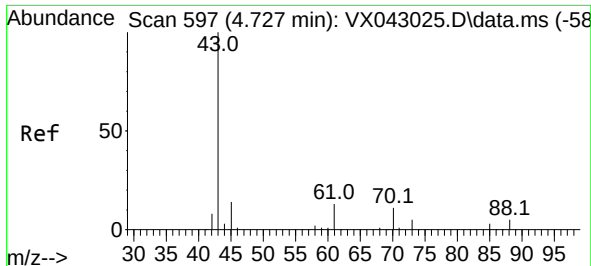
Delta R.T. 0.006 min

Lab File: VX043038.D

Acq: 14 Aug 2024 17:53

Tgt Ion:	75	Resp:	4760
Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.0	50.9
77	31.7	24.7	37.1





#37

Ethyl Acetate

Concen: 2.505 ug/l

RT: 4.745 min Scan# 600

Delta R.T. 0.018 min

Lab File: VX043038.D

Acq: 14 Aug 2024 17:53

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

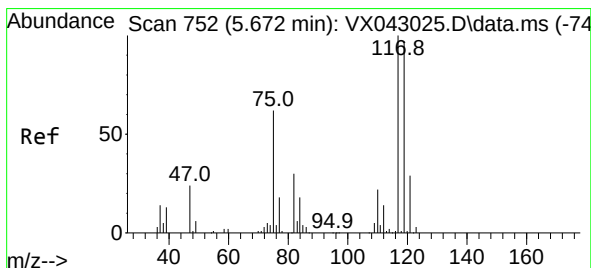
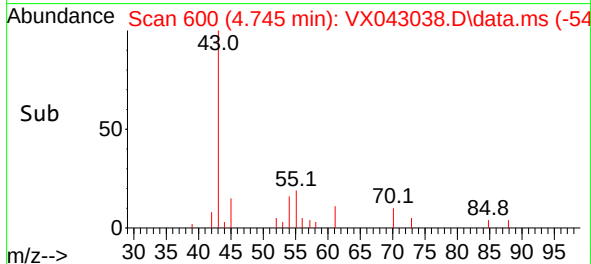
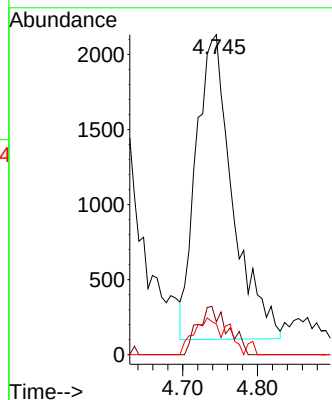
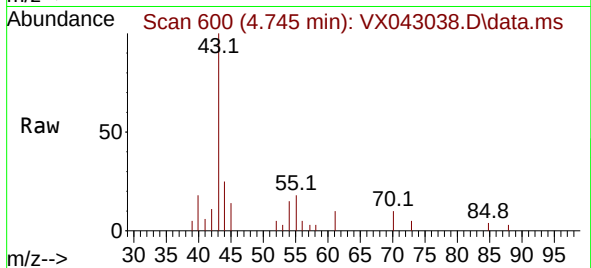
Tgt Ion: 43	Resp: 686
Ion Ratio	Lower Upper
43 100	
61 13.1	10.6 16.0
70 8.1	8.3 12.5

Manual Integrations

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Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#38

Carbon Tetrachloride

Concen: 2.545 ug/l

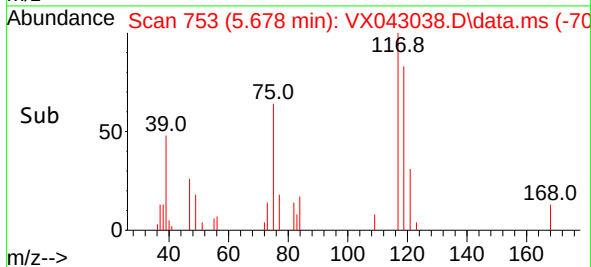
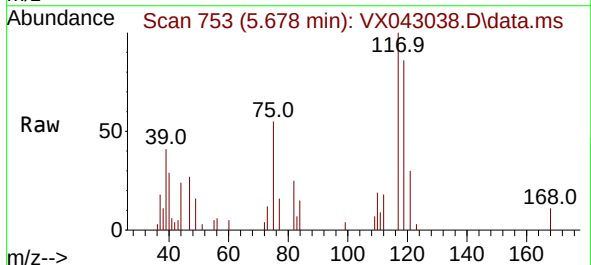
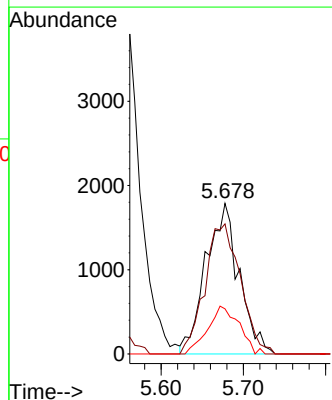
RT: 5.678 min Scan# 753

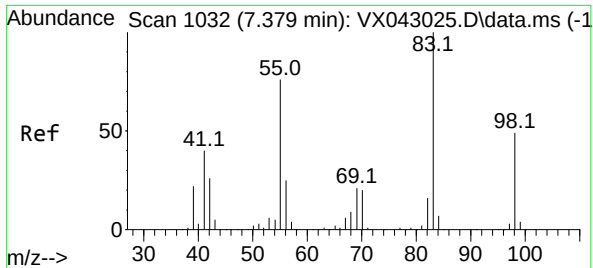
Delta R.T. 0.006 min

Lab File: VX043038.D

Acq: 14 Aug 2024 17:53

Tgt Ion: 117	Resp: 5004
Ion Ratio	Lower Upper
117 100	
119 86.4	78.2 117.2
121 30.0	24.4 36.6





#39

Methylcyclohexane

Concen: 2.362 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX043038.D

Acq: 14 Aug 2024 17:53

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 83 Resp: 6359

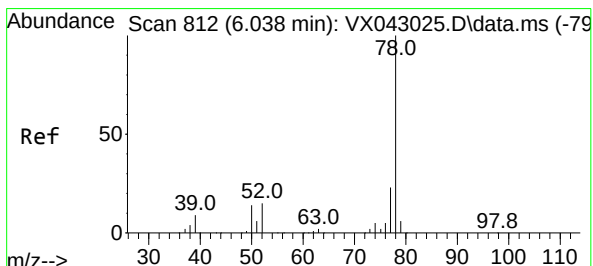
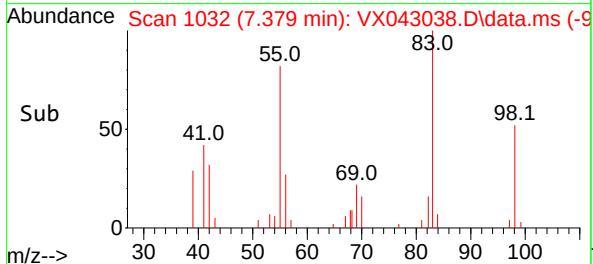
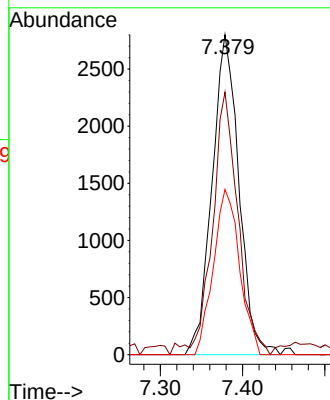
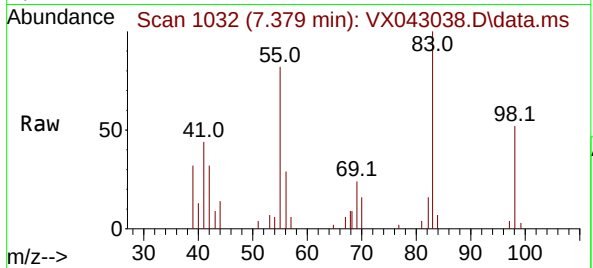
Ion	Ratio	Lower	Upper
83	100		
55	79.6	64.6	97.0
98	51.6	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#40

Benzene

Concen: 2.429 ug/l

RT: 6.037 min Scan# 812

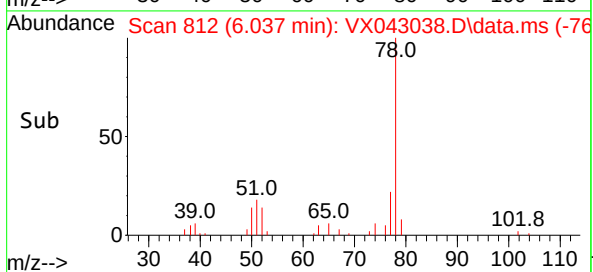
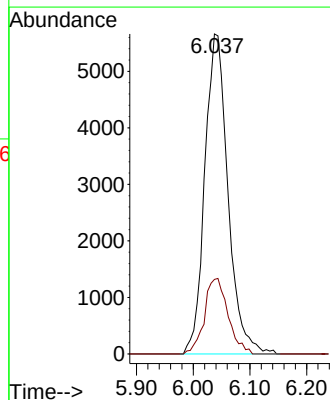
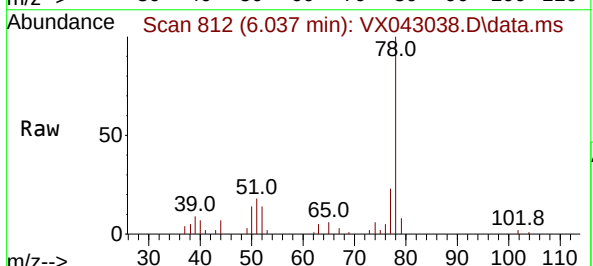
Delta R.T. -0.000 min

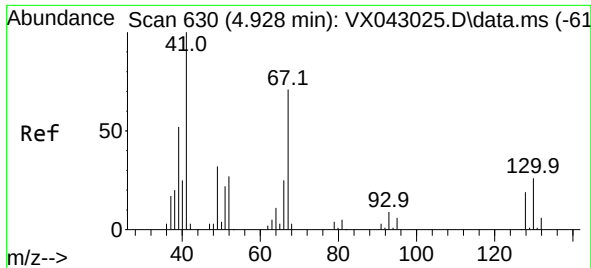
Lab File: VX043038.D

Acq: 14 Aug 2024 17:53

Tgt Ion: 78 Resp: 16092

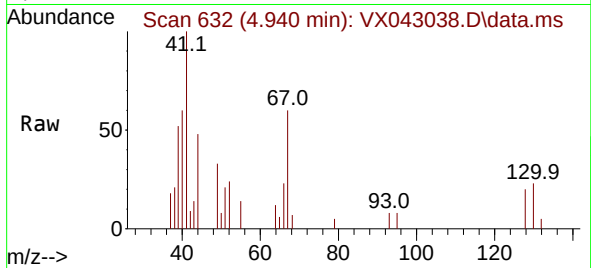
Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.3	28.9





#41
Methacrylonitrile
Concen: 2.576 ug/l m
RT: 4.940 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

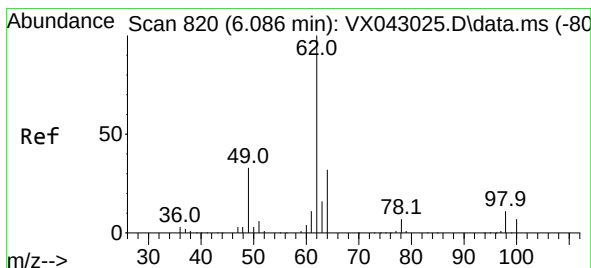
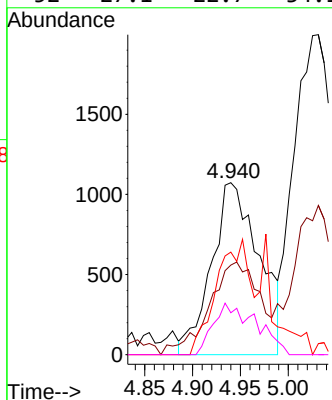
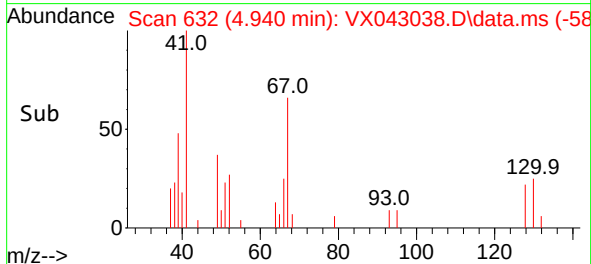
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 41 Resp: 3719
Ion Ratio Lower Upper
41 100
39 56.6 45.2 67.8
67 46.9 52.6 78.8
52 27.1 22.7 34.1

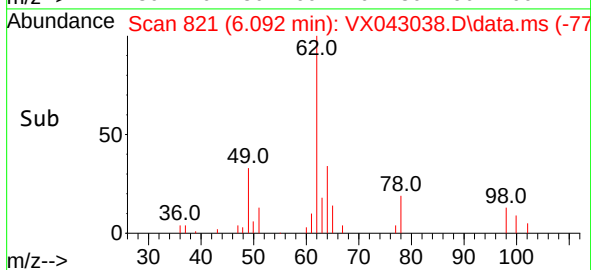
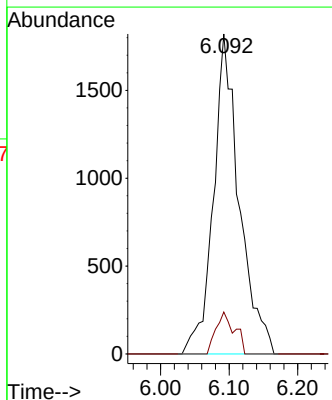
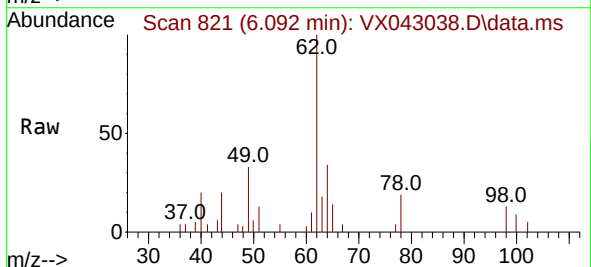
Manual Integrations
APPROVED

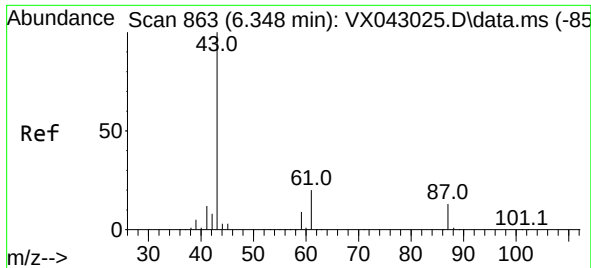
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#42
1,2-Dichloroethane
Concen: 2.464 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

Tgt Ion: 62 Resp: 4748
Ion Ratio Lower Upper
62 100
98 9.4 0.0 16.0





#43

Isopropyl Acetate

Concen: 2.343 ug/l

RT: 6.361 min Scan# 865

Delta R.T. 0.012 min

Lab File: VX043038.D

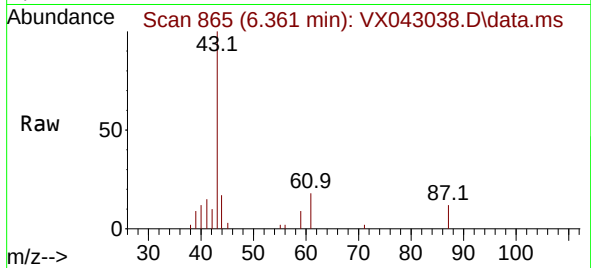
Acq: 14 Aug 2024 17:53

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



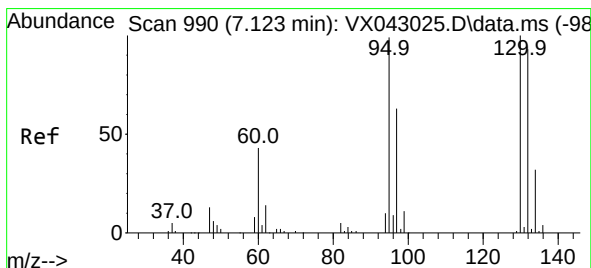
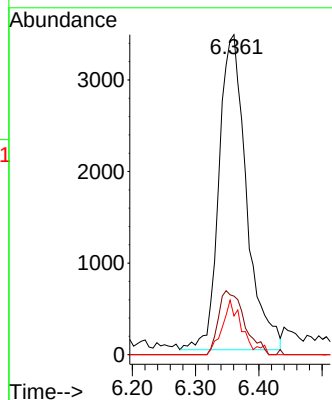
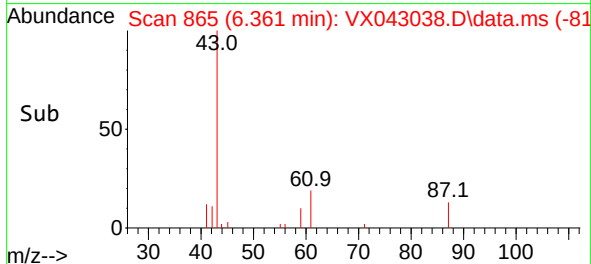
Tgt Ion: 43	Resp: 1035
Ion Ratio	Lower Upper
43	100
61	19.0 15.2 22.8
87	12.6 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#44

Trichloroethene

Concen: 2.396 ug/l

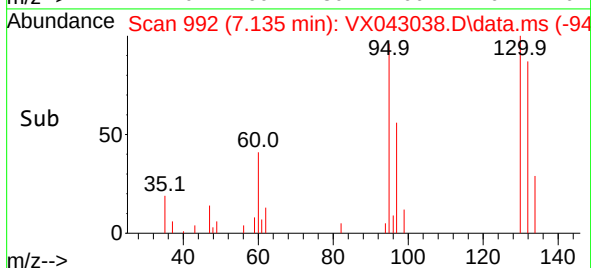
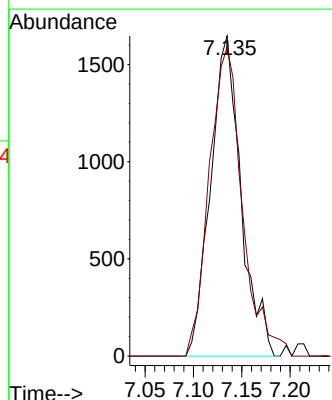
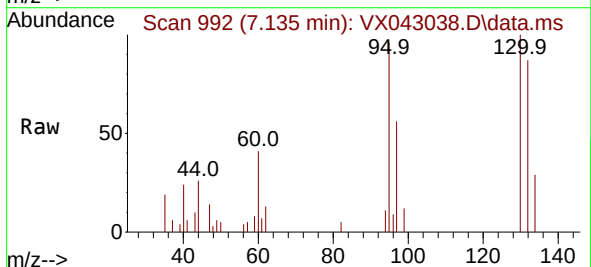
RT: 7.135 min Scan# 992

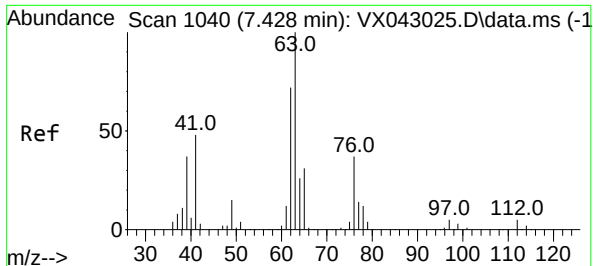
Delta R.T. 0.012 min

Lab File: VX043038.D

Acq: 14 Aug 2024 17:53

Tgt Ion:130	Resp: 3595
Ion Ratio	Lower Upper
130	100
95	96.5 0.0 204.4





#45

1,2-Dichloropropane

Concen: 2.405 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX043038.D

Acq: 14 Aug 2024 17:53

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

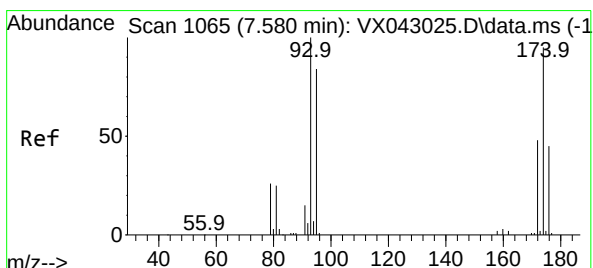
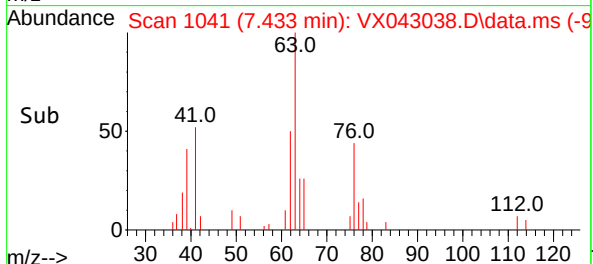
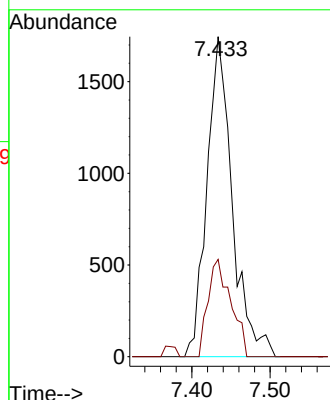
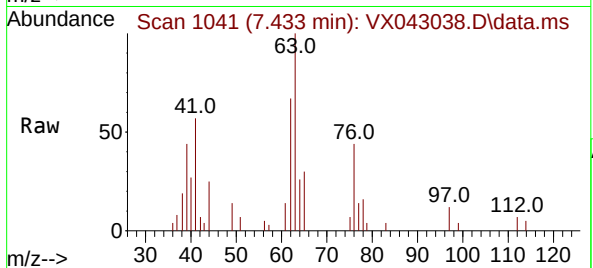
Tgt Ion: 63 Resp: 392
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#46

Dibromomethane

Concen: 2.535 ug/l

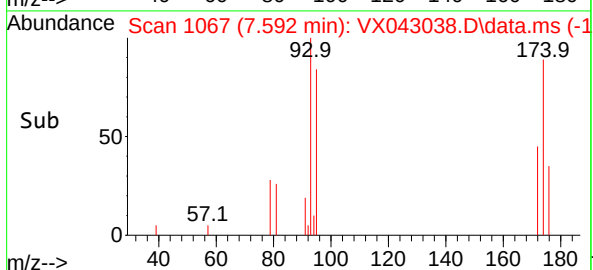
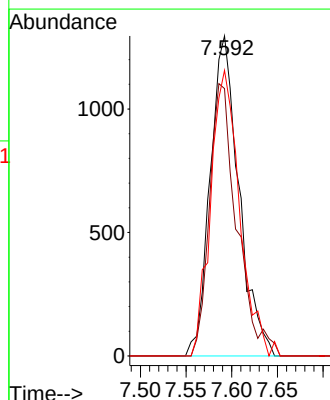
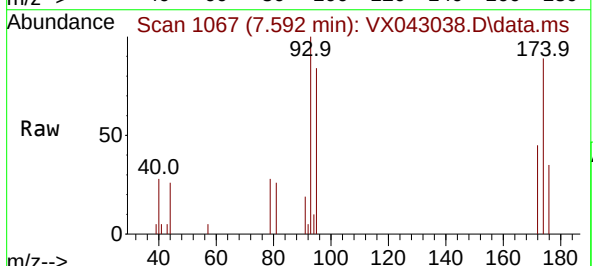
RT: 7.592 min Scan# 1067

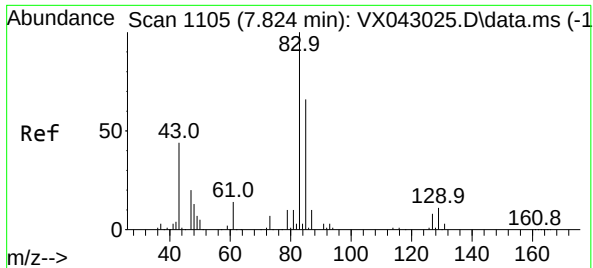
Delta R.T. 0.012 min

Lab File: VX043038.D

Acq: 14 Aug 2024 17:53

Tgt Ion: 93 Resp: 2826
 Ion Ratio Lower Upper
 93 100
 95 81.6 66.6 100.0
 174 90.4 69.4 104.0





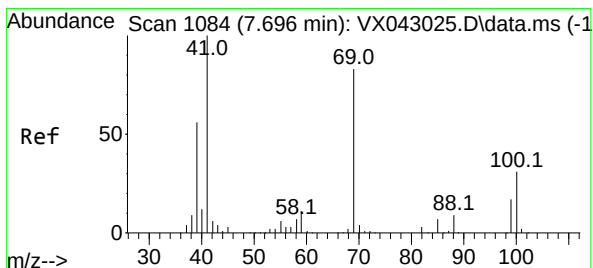
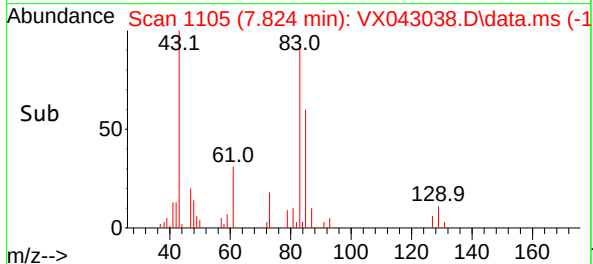
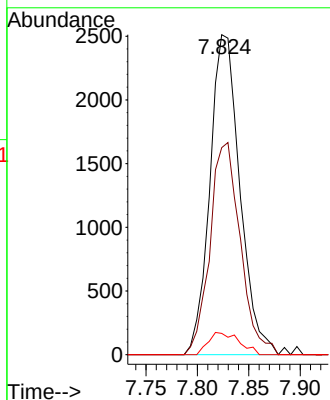
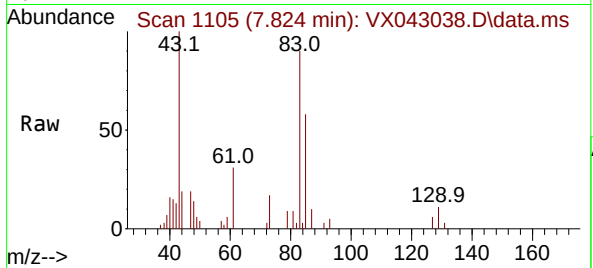
#47
Bromodichloromethane
Concen: 2.357 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 83	Resp: 510
Ion Ratio	Lower Upper
83 100	
85 64.7	49.8 74.6
127 6.6	7.1 10.7

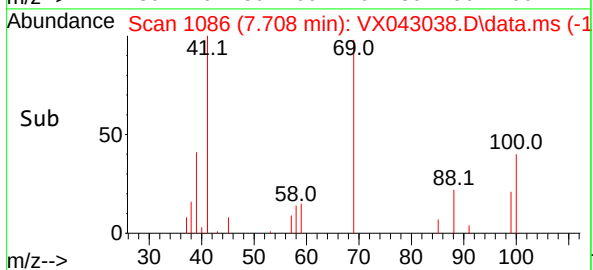
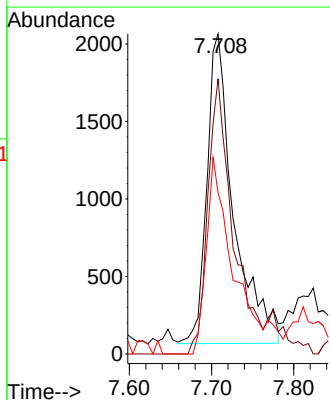
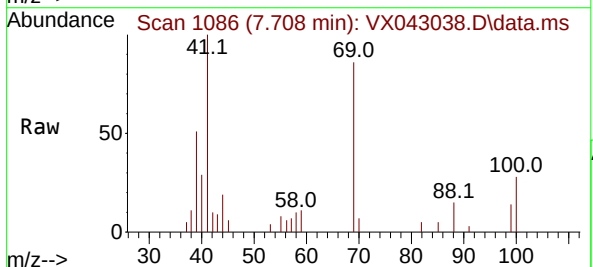
Manual Integrations
APPROVED

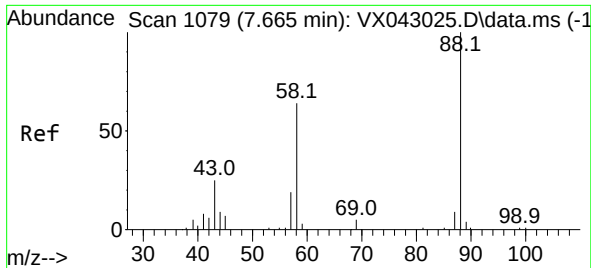
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#48
Methyl methacrylate
Concen: 2.309 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.012 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

Tgt Ion: 41	Resp: 4551
Ion Ratio	Lower Upper
41 100	
69 82.5	59.2 88.8
39 61.0	47.7 71.5





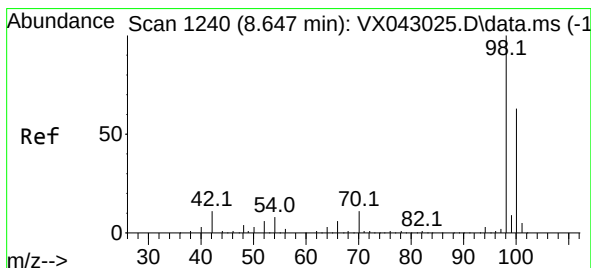
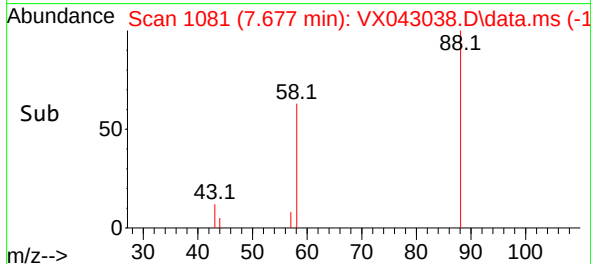
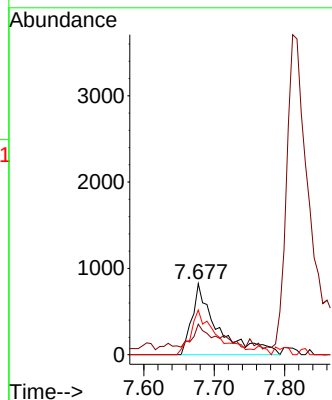
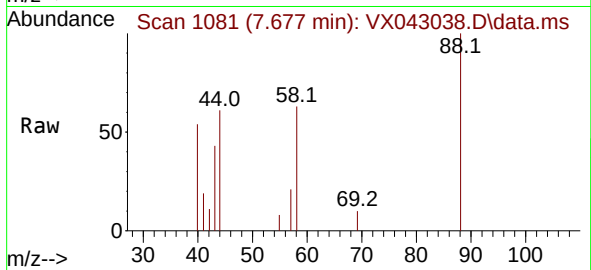
#49
1,4-Dioxane
Concen: 48.539 ug/l m
RT: 7.677 min Scan# 1079
Delta R.T. 0.012 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 88 Resp: 2095
Ion Ratio Lower Upper
88 100
43 28.6 0.0 0.0
58 62.9 60.1 90.1

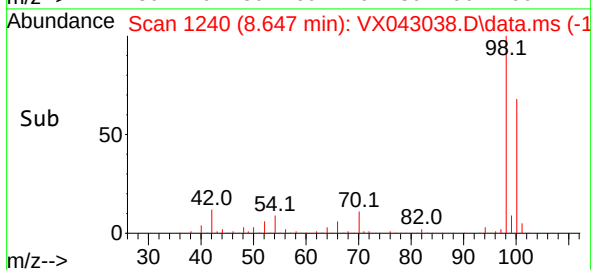
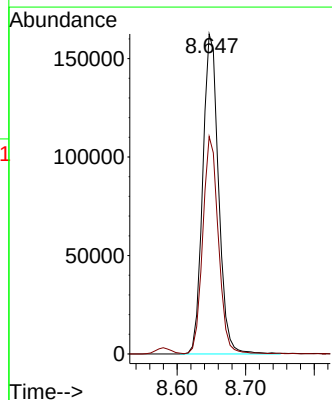
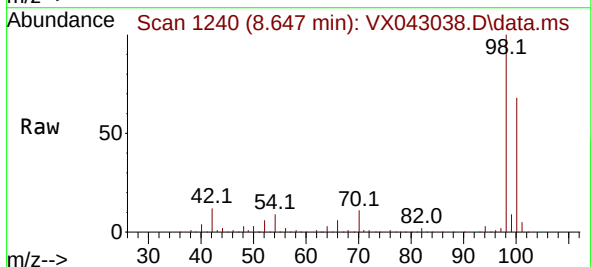
Manual Integrations
APPROVED

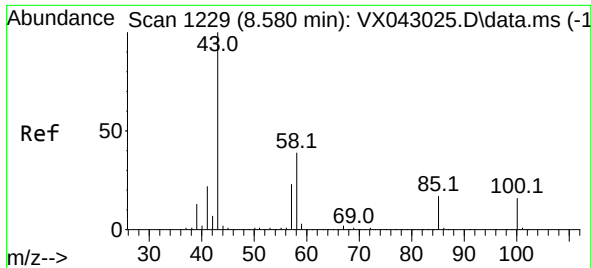
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#50
Toluene-d8
Concen: 48.290 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

Tgt Ion: 98 Resp: 260953
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7





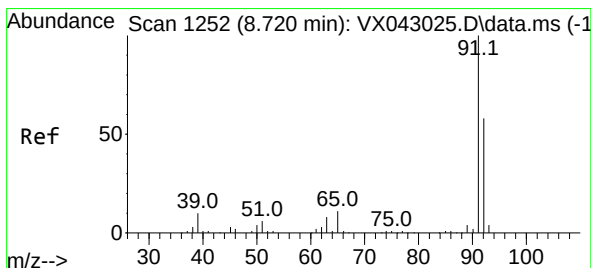
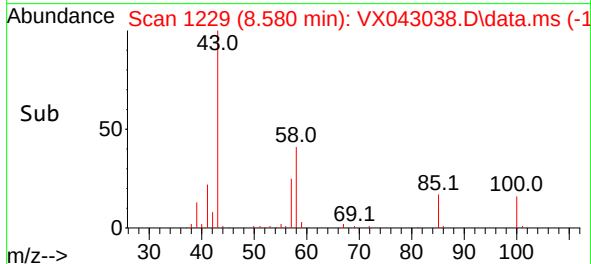
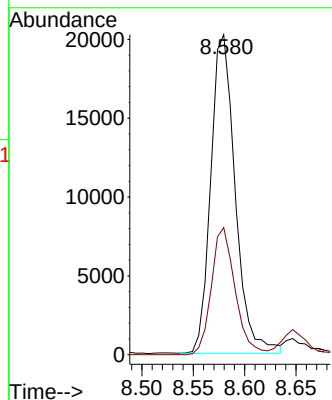
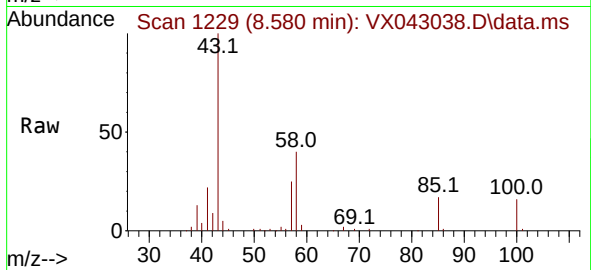
#51
4-Methyl-2-Pentanone
Concen: 11.890 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 43 Resp: 3340
Ion Ratio Lower Upper
43 100
58 38.7 30.4 45.6

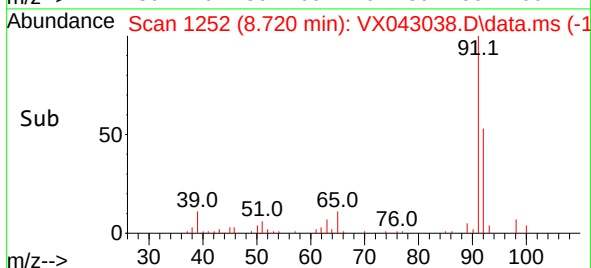
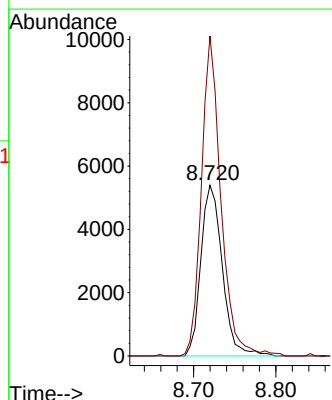
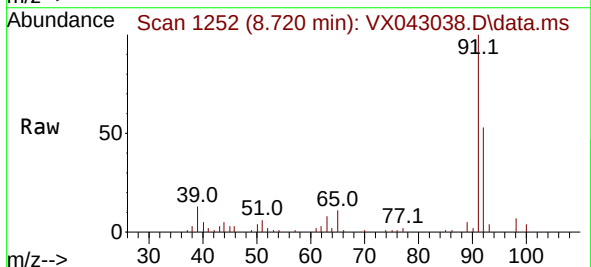
Manual Integrations
APPROVED

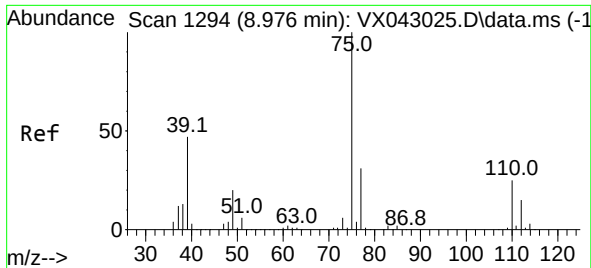
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#52
Toluene
Concen: 2.441 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

Tgt Ion: 92 Resp: 9770
Ion Ratio Lower Upper
92 100
91 170.8 134.2 201.2





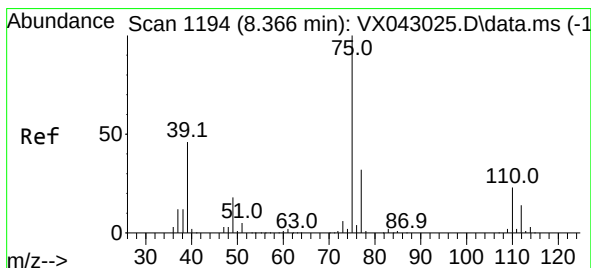
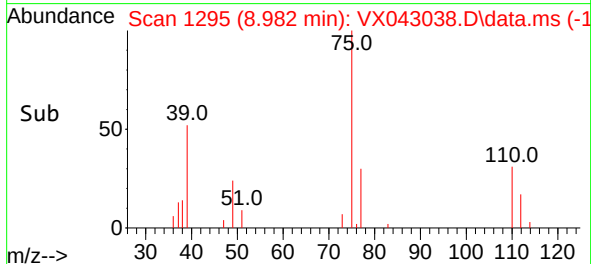
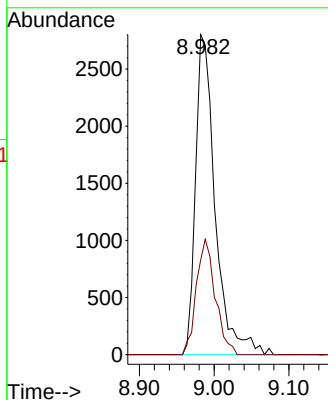
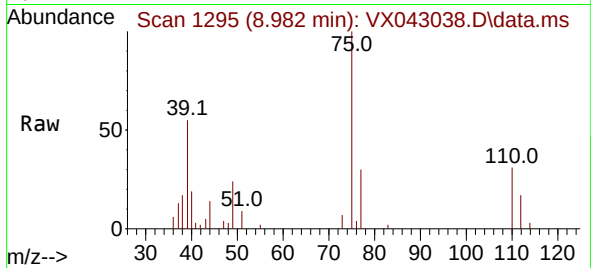
#53
 t-1,3-Dichloropropene
 Concen: 2.163 ug/l
 RT: 8.982 min Scan# 1124
 Delta R.T. 0.006 min
 Lab File: VX043038.D
 Acq: 14 Aug 2024 17:53

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 75 Resp: 5114
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.7 38.5

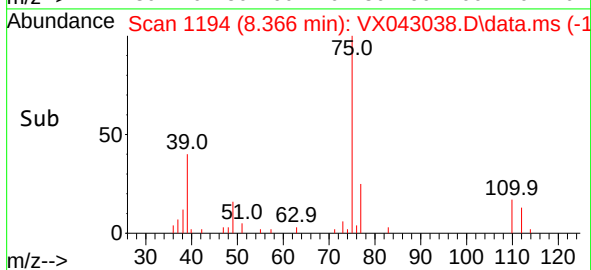
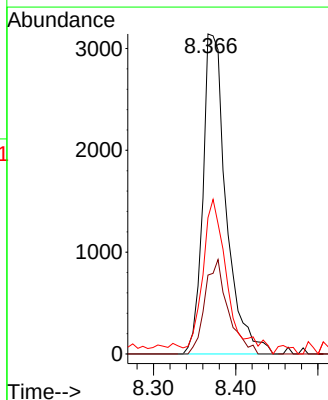
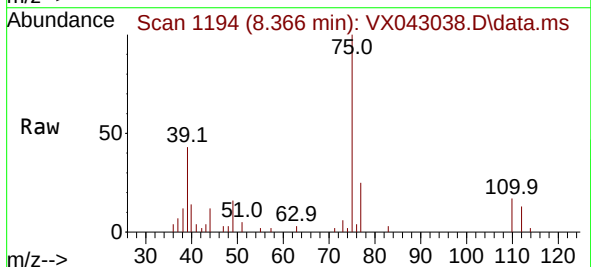
Manual Integrations
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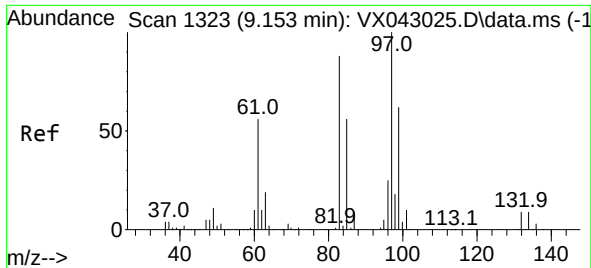
Reviewed By :John Carlone 08/15/2024
 Supervised By :Mahesh Dadoda 08/15/2024



#54
 cis-1,3-Dichloropropene
 Concen: 2.379 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX043038.D
 Acq: 14 Aug 2024 17:53

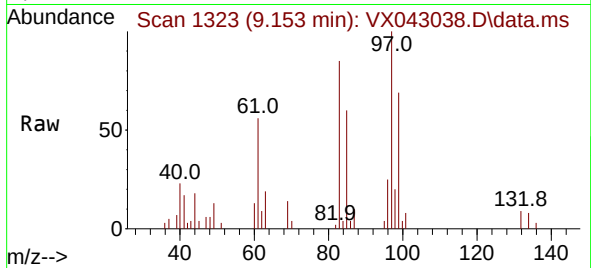
Tgt Ion: 75 Resp: 6185
 Ion Ratio Lower Upper
 75 100
 77 24.7 25.3 37.9#
 39 40.2 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 2.472 ug/l
RT: 9.153 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

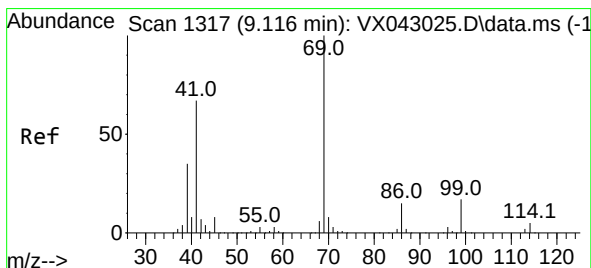
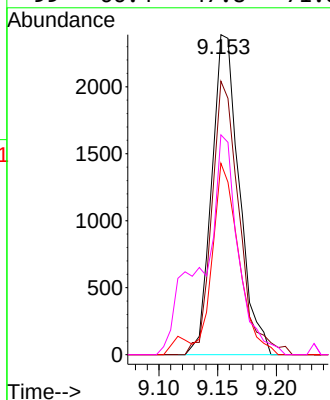
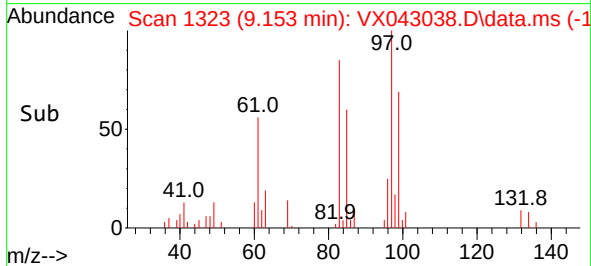
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.4	65.8	98.8
85	59.8	41.6	62.4
99	66.4	47.8	71.8

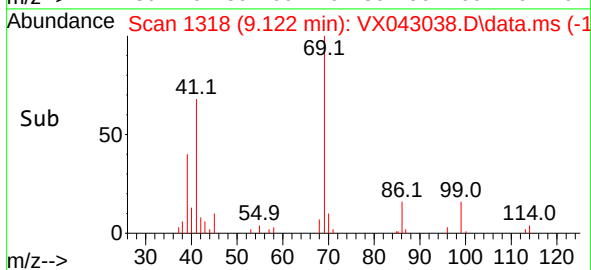
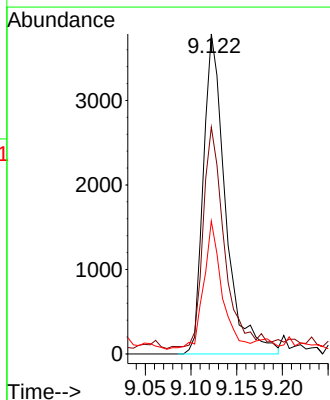
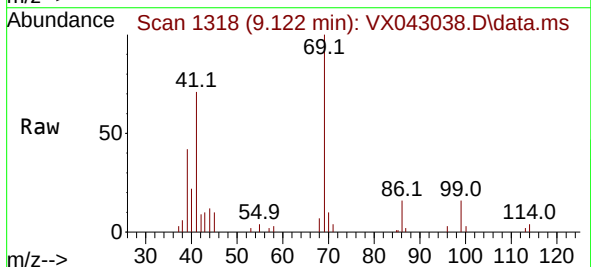
Manual Integrations
APPROVED

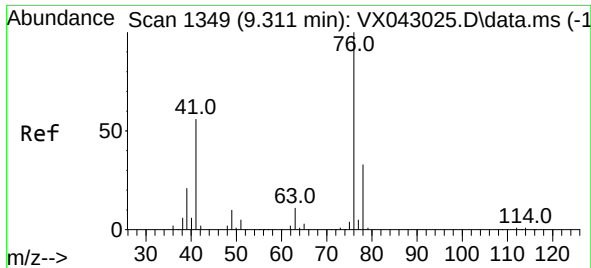
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#56
Ethyl methacrylate
Concen: 2.243 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.4	56.8	85.2
39	31.7	32.0	48.0





#57

1,3-Dichloropropane

Concen: 2.333 ug/l

RT: 9.311 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VX043038.D

Acq: 14 Aug 2024 17:53

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 76 Resp: 621

Ion Ratio Lower Upper

76 100

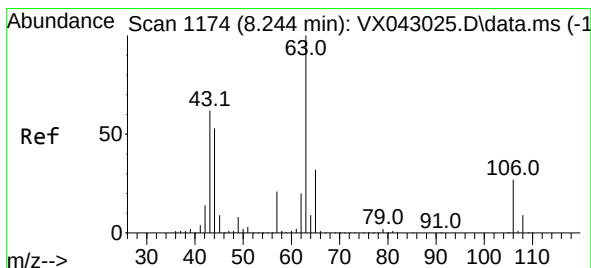
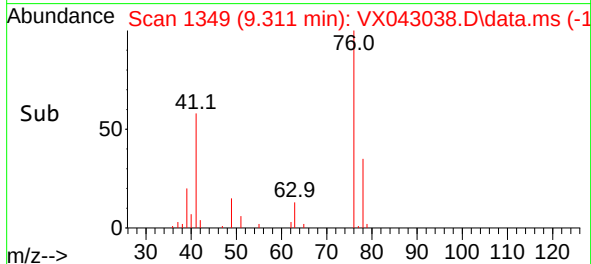
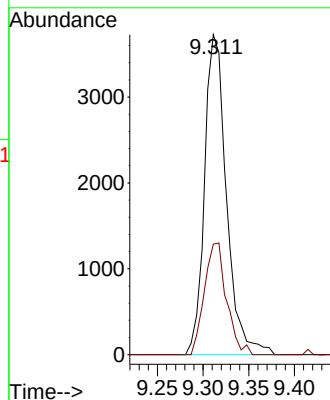
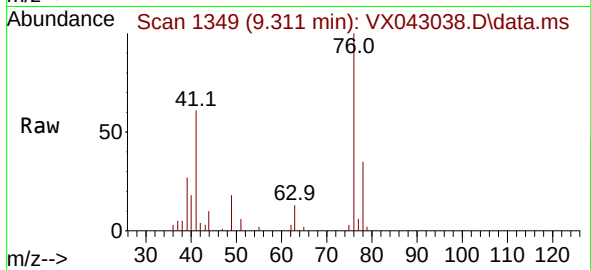
78 35.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#58

2-Chloroethyl Vinyl ether

Concen: 11.716 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX043038.D

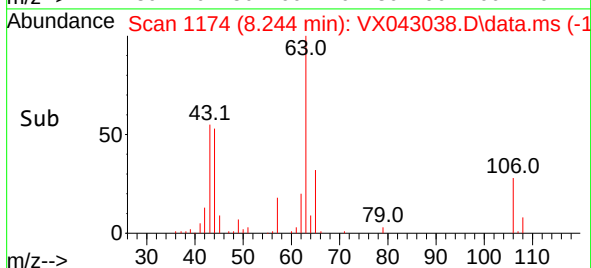
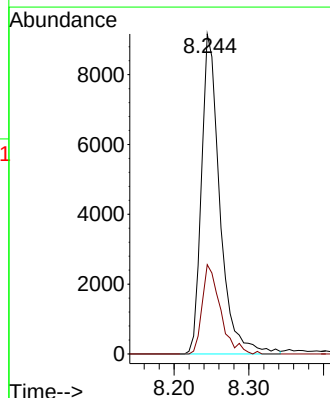
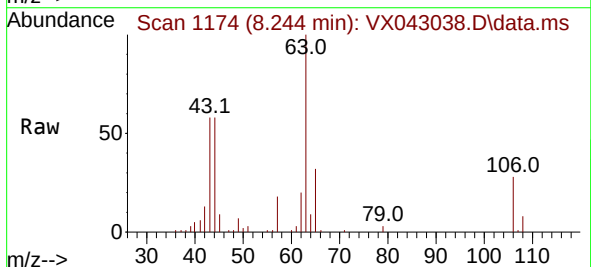
Acq: 14 Aug 2024 17:53

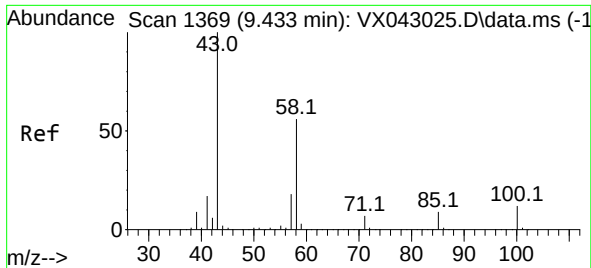
Tgt Ion: 63 Resp: 15650

Ion Ratio Lower Upper

63 100

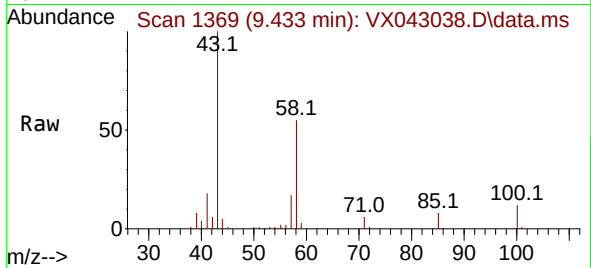
106 27.5 22.5 33.7





#59
2-Hexanone
Concen: 12.049 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

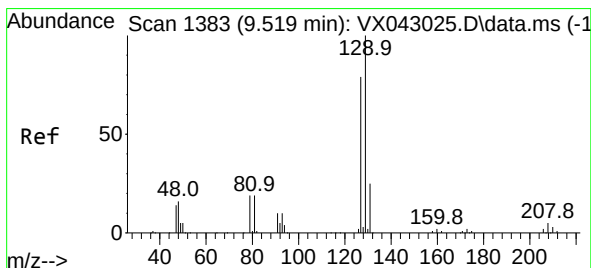
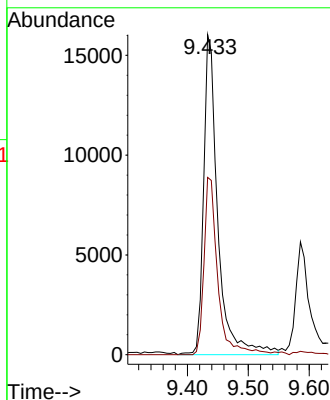
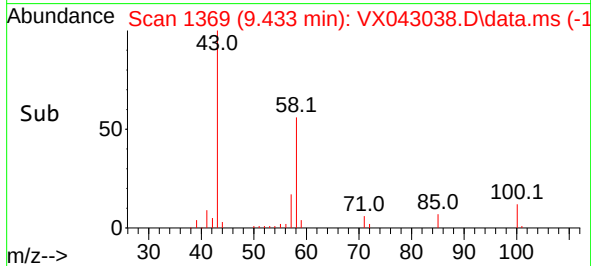
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 43 Resp: 26009
Ion Ratio Lower Upper
43 100
58 53.6 26.2 78.5

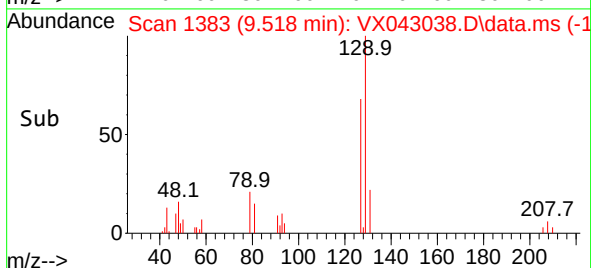
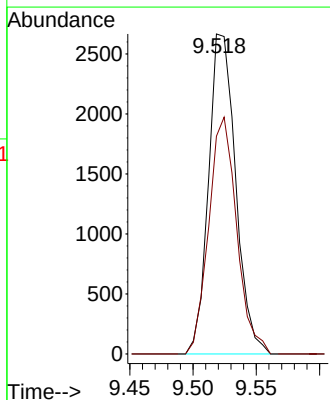
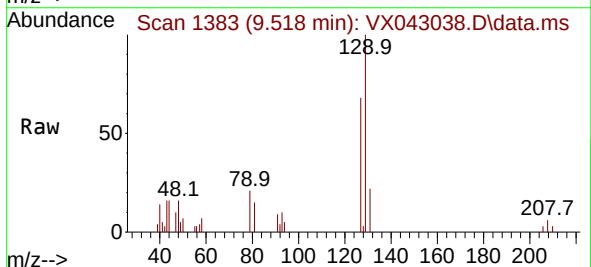
Manual Integrations
APPROVED

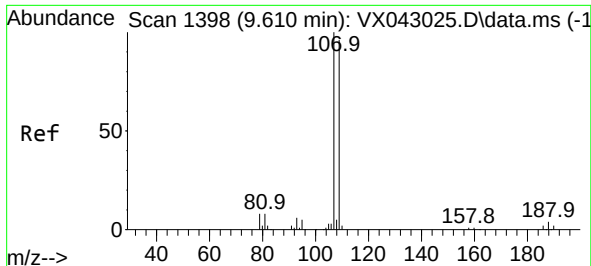
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#60
Dibromochloromethane
Concen: 2.399 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

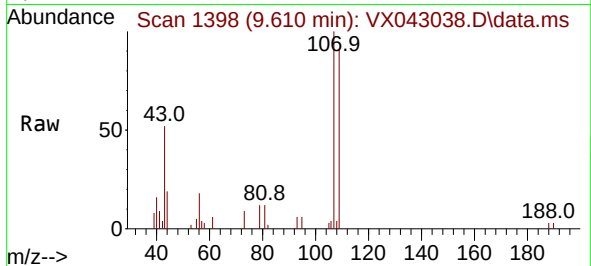
Tgt Ion:129 Resp: 3977
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 2.408 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

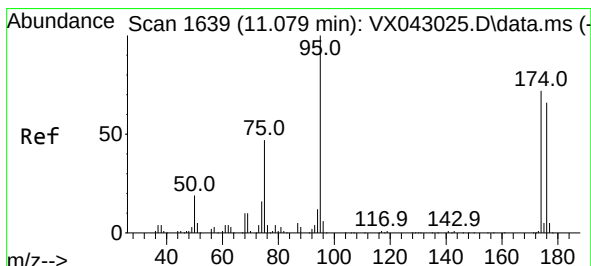
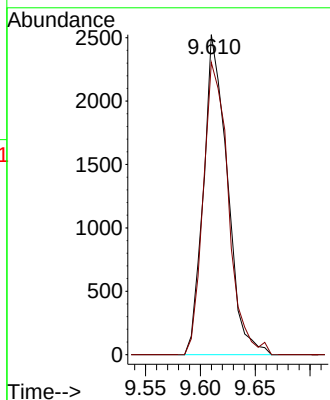
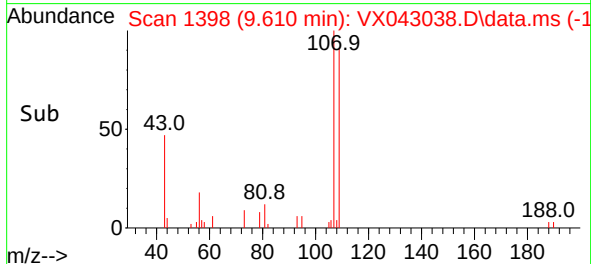
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:107 Resp: 3818
Ion Ratio Lower Upper
107 100
109 96.5 75.2 112.8

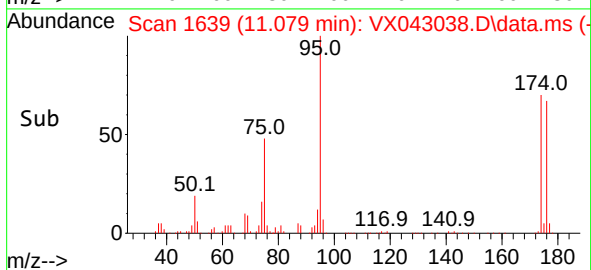
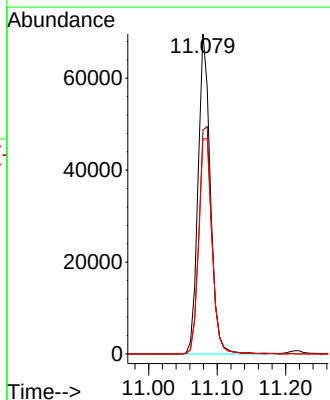
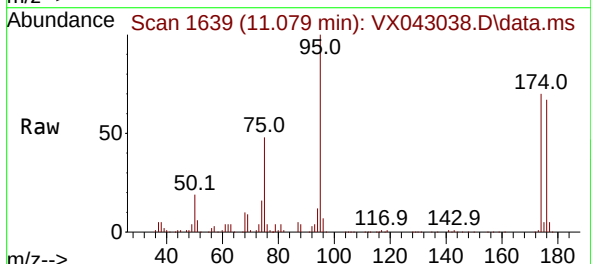
Manual Integrations
APPROVED

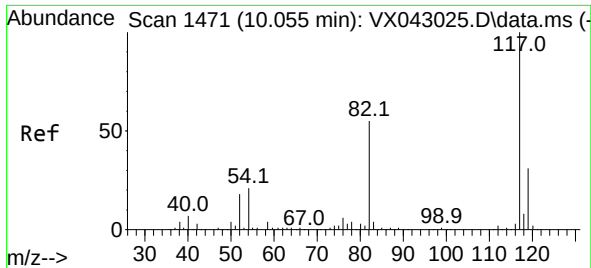
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#62
4-Bromofluorobenzene
Concen: 44.358 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

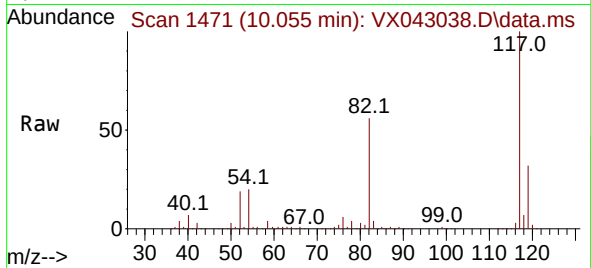
Tgt Ion: 95 Resp: 86916
Ion Ratio Lower Upper
95 100
174 75.5 0.0 135.6
176 72.3 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

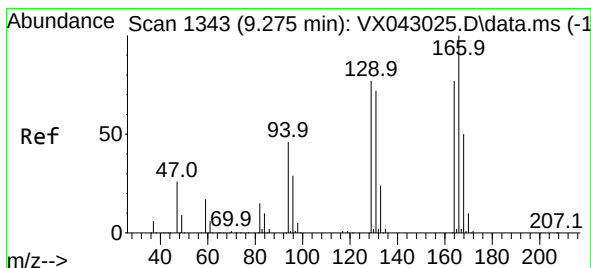
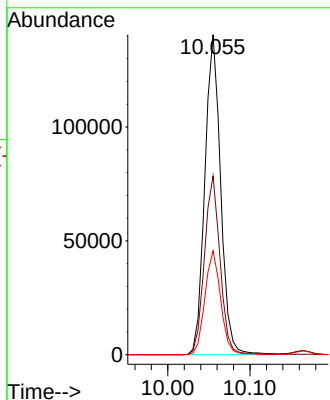
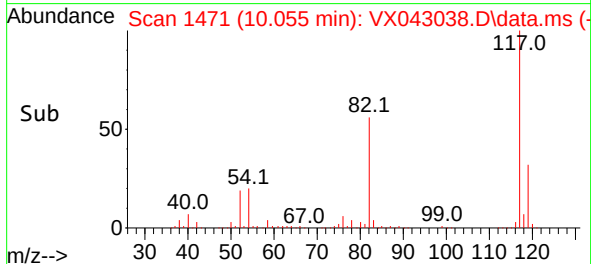
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



Tgt Ion:117 Resp: 18810
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 32.4 25.5 38.3

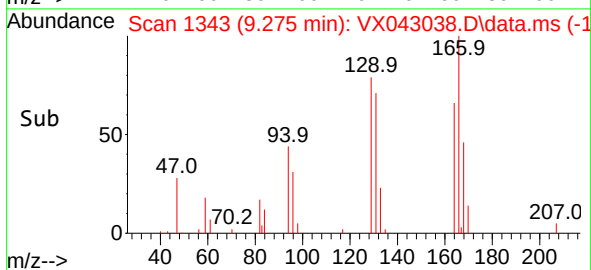
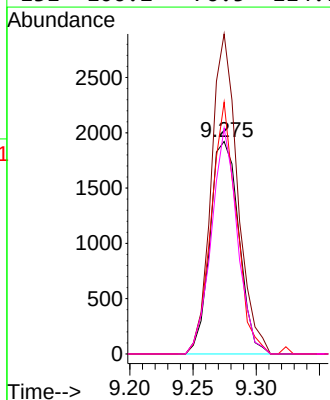
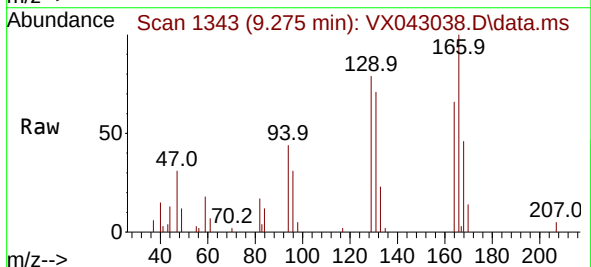
Manual Integrations
APPROVED

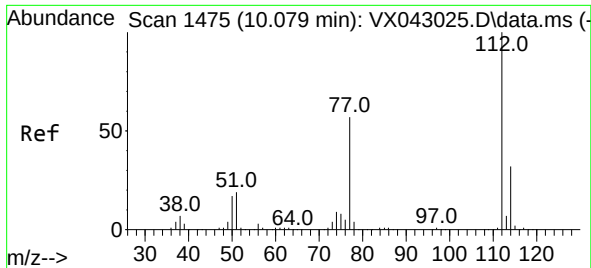
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#64
Tetrachloroethene
Concen: 2.514 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

Tgt Ion:164 Resp: 3052
Ion Ratio Lower Upper
164 100
166 150.6 102.7 154.1
129 118.4 80.4 120.6
131 106.2 76.5 114.7





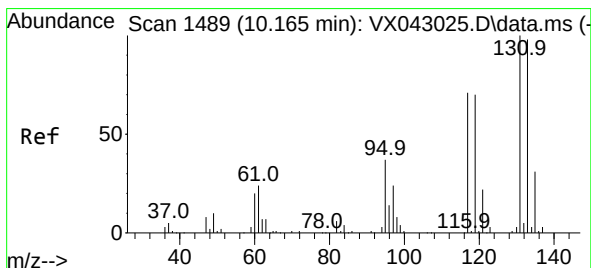
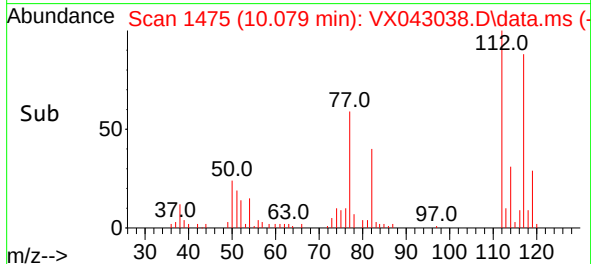
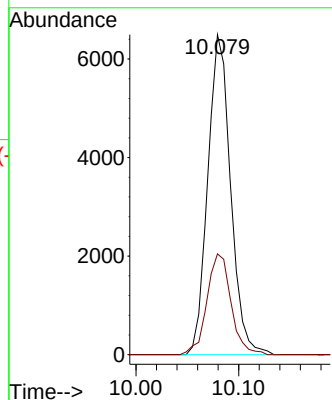
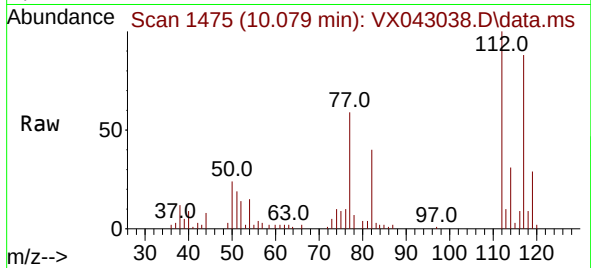
#65
Chlorobenzene
Concen: 2.468 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2024

Tgt Ion:112 Resp: 10010
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

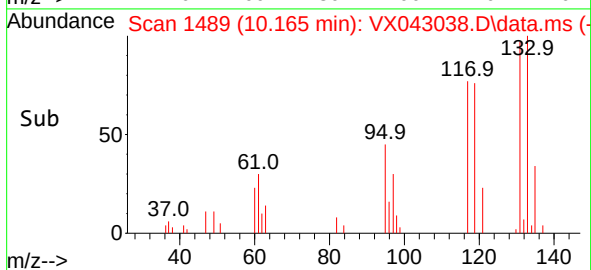
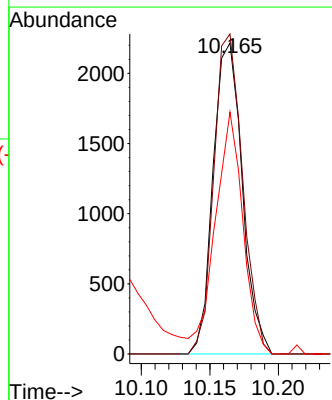
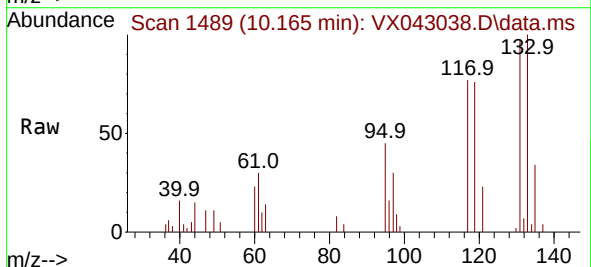
Manual Integrations
APPROVED

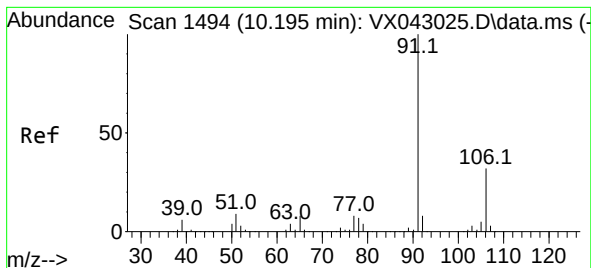
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 2.390 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

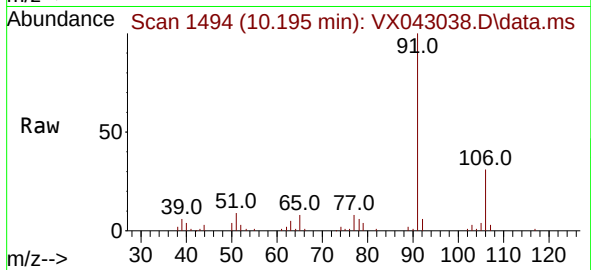
Tgt Ion:131 Resp: 3268
Ion Ratio Lower Upper
131 100
133 101.7 47.1 141.4
119 73.6 32.2 96.6





#67
Ethyl Benzene
Concen: 2.472 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

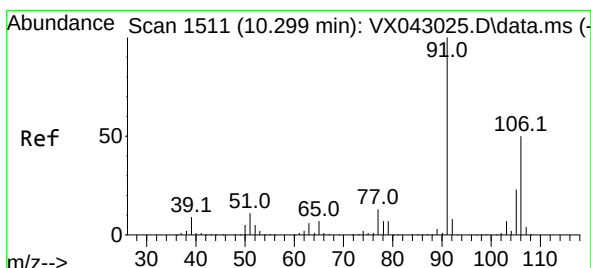
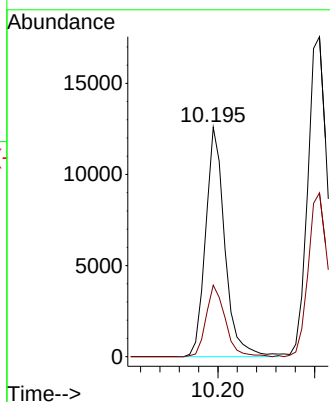
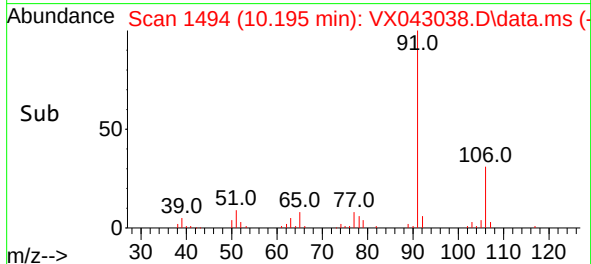
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



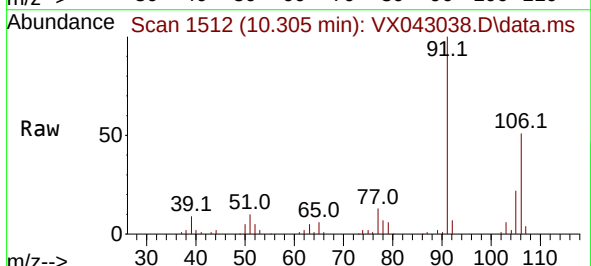
Tgt Ion: 91 Resp: 17436
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3

Manual Integrations
APPROVED

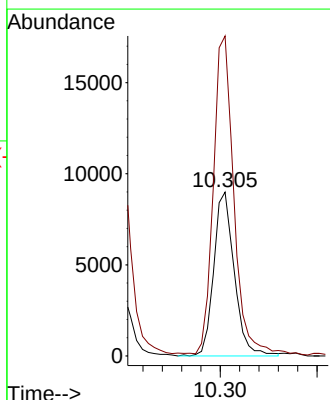
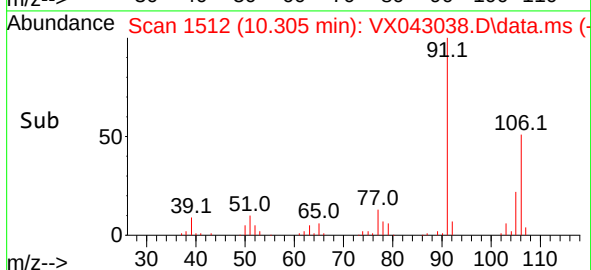
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024

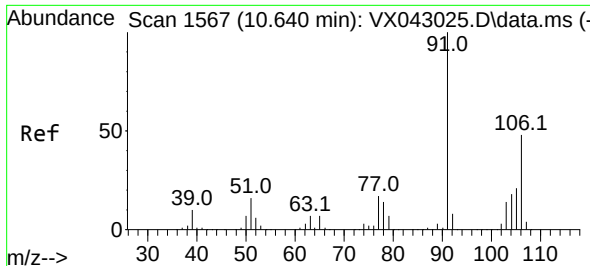


#68
m/p-Xylenes
Concen: 4.883 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53



Tgt Ion:106 Resp: 13242
Ion Ratio Lower Upper
106 100
91 196.1 165.5 248.3





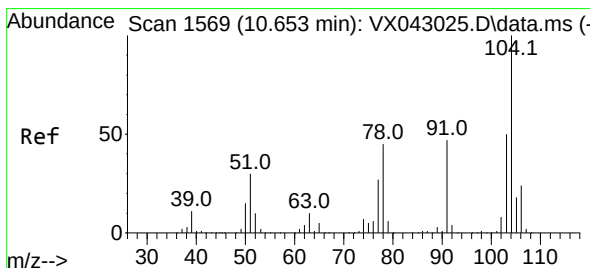
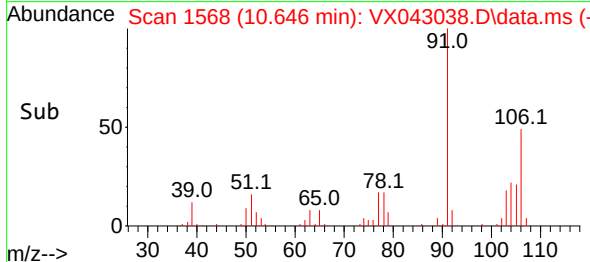
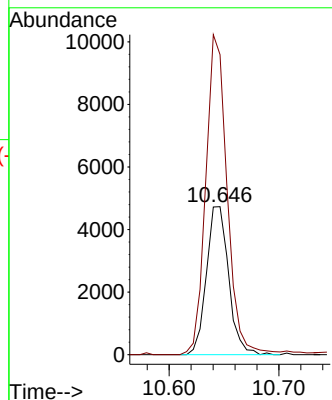
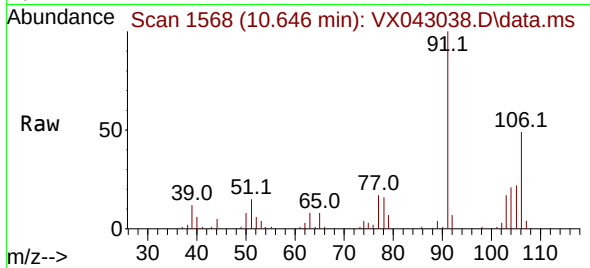
#69
o-Xylene
Concen: 2.440 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion:106 Resp: 664
Ion Ratio Lower Upper
106 100
91 208.3 108.9 326.8

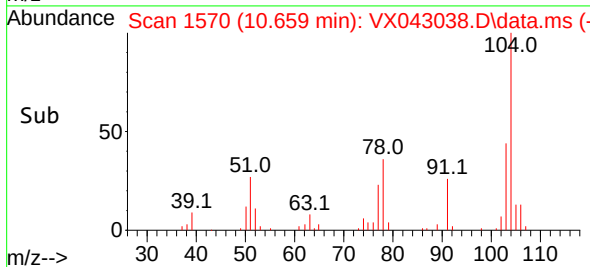
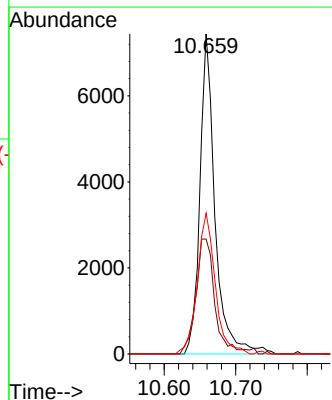
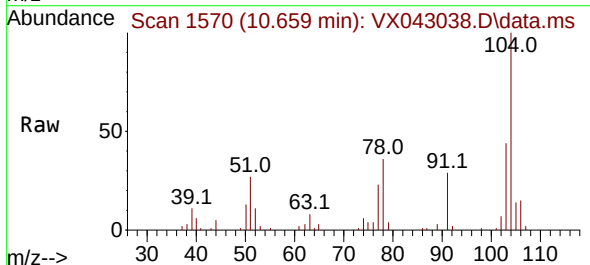
Manual Integrations
APPROVED

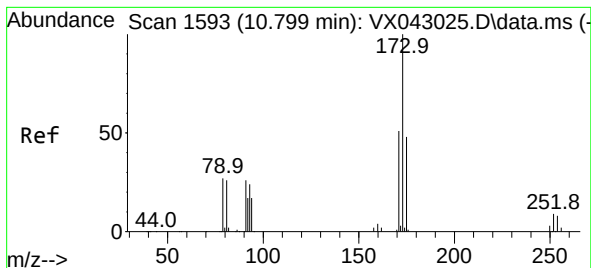
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#70
Styrene
Concen: 2.387 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

Tgt Ion:104 Resp: 10903
Ion Ratio Lower Upper
104 100
78 44.4 43.6 65.4
103 52.4 43.6 65.4





#71

Bromoform

Concen: 2.450 ug/l

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX043038.D

Acq: 14 Aug 2024 17:53

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

Tgt Ion:173 Resp: 278

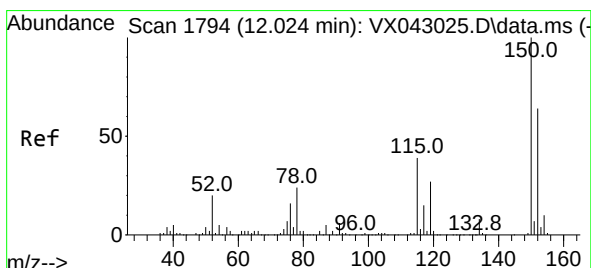
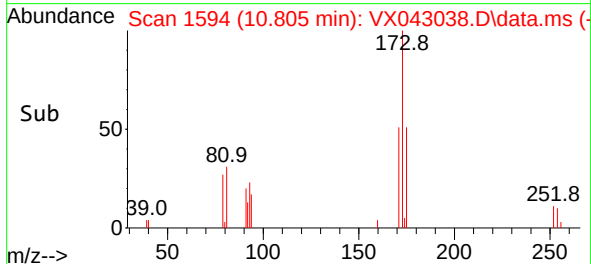
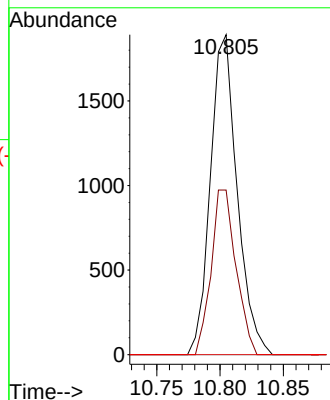
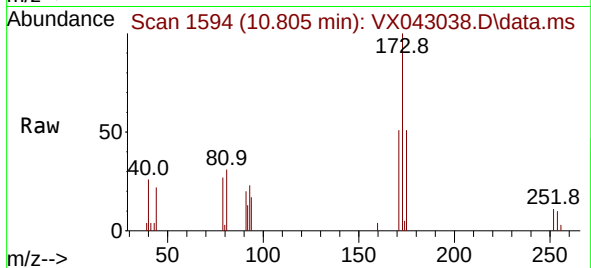
Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

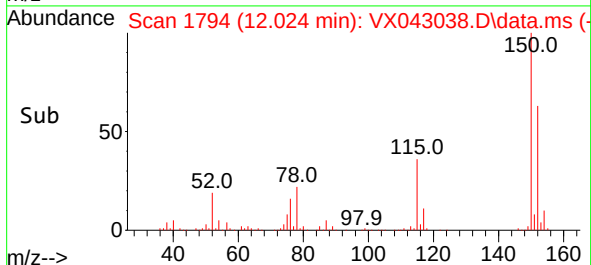
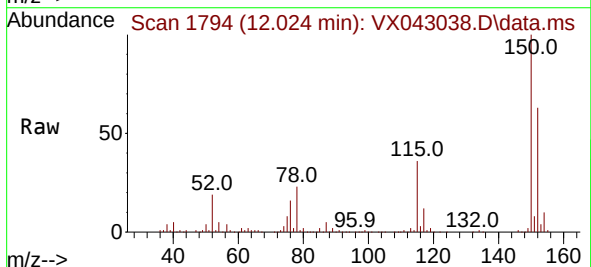
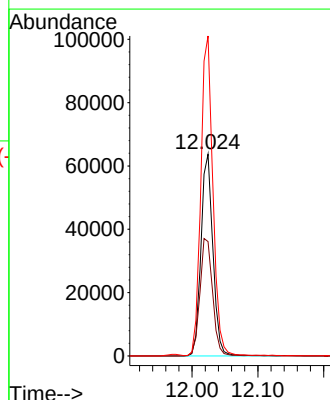
Delta R.T. -0.000 min

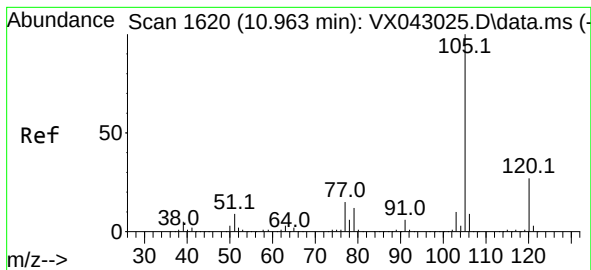
Lab File: VX043038.D

Acq: 14 Aug 2024 17:53

Tgt Ion:152 Resp: 80376

Ion	Ratio	Lower	Upper
152	100		
115	61.7	43.3	129.9
150	159.6	0.0	345.0





#73

Isopropylbenzene

Concen: 2.596 ug/l

RT: 10.963 min Scan# 1601

Delta R.T. -0.000 min

Lab File: VX043038.D

Acq: 14 Aug 2024 17:53

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

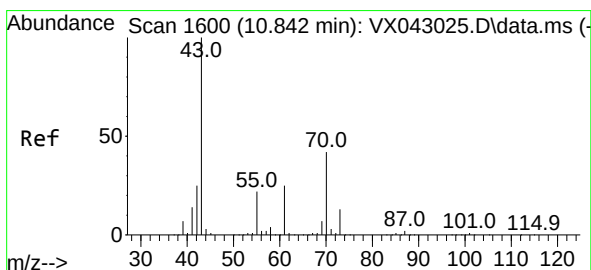
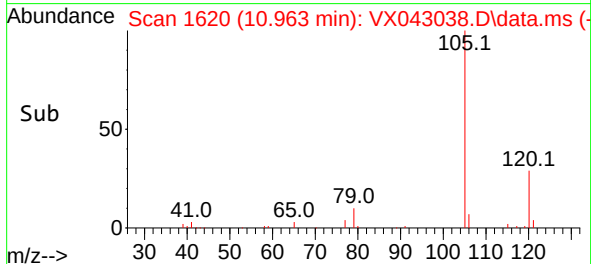
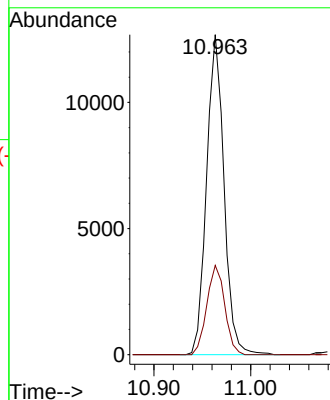
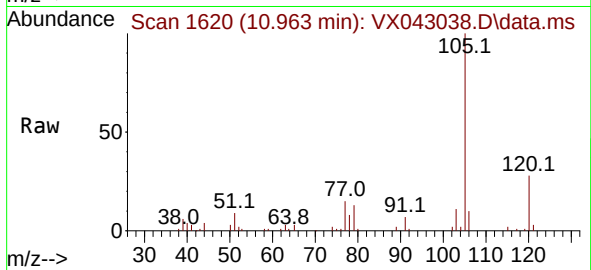
Tgt Ion:105 Resp: 15910
 Ion Ratio Lower Upper
 105 100
 120 28.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#74

N-ethyl acetate

Concen: 2.363 ug/l

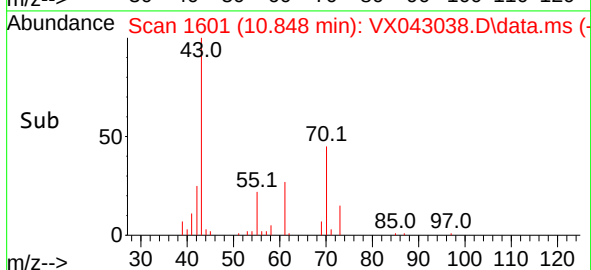
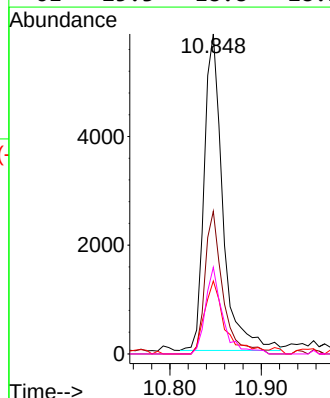
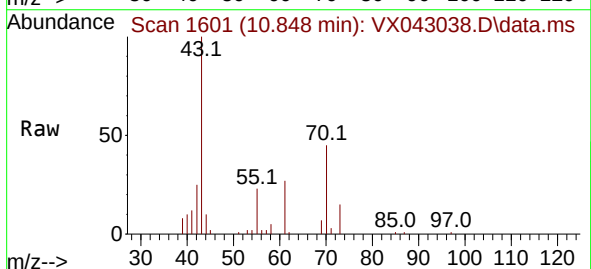
RT: 10.848 min Scan# 1601

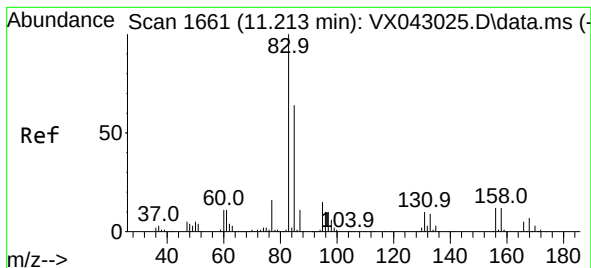
Delta R.T. 0.006 min

Lab File: VX043038.D

Acq: 14 Aug 2024 17:53

Tgt Ion: 43 Resp: 8253
 Ion Ratio Lower Upper
 43 100
 70 42.7 32.9 49.3
 55 25.4 19.3 28.9
 61 25.3 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 2.526 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX043038.D

Acq: 14 Aug 2024 17:53

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

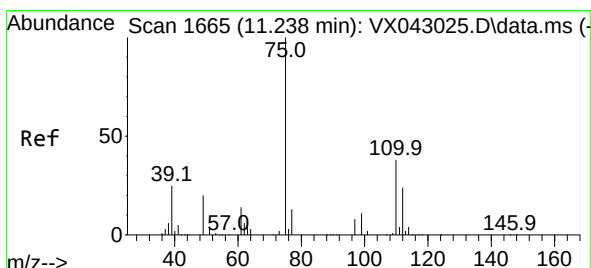
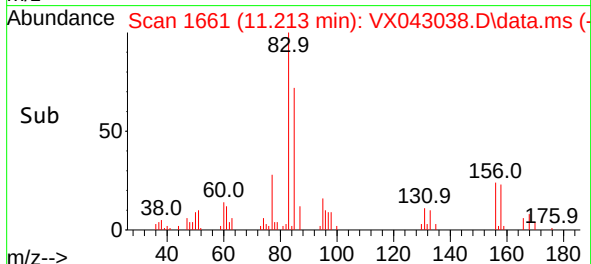
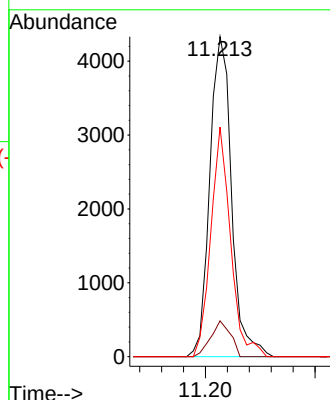
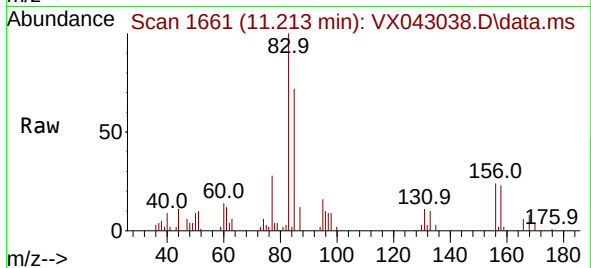
Tgt Ion: 83	Resp: 596
Ion Ratio	Lower Upper
83 100	
131 10.1	5.3 15.8
85 65.3	32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#76

1,2,3-Trichloropropane

Concen: 2.737 ug/l m

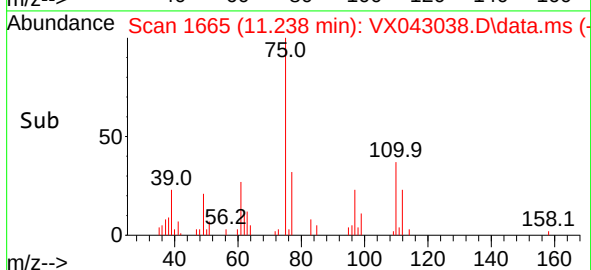
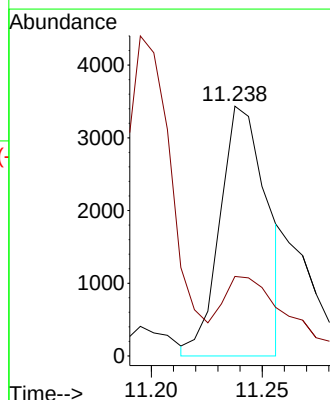
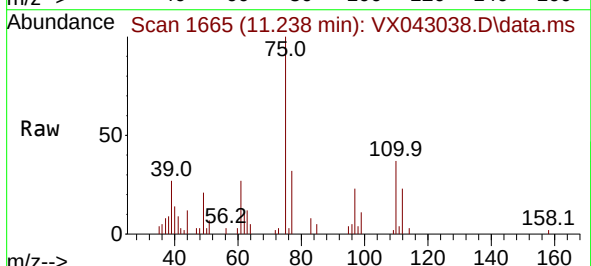
RT: 11.238 min Scan# 1665

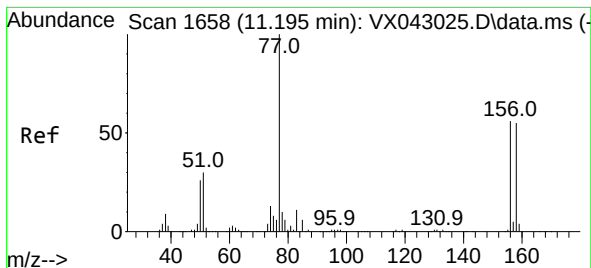
Delta R.T. -0.000 min

Lab File: VX043038.D

Acq: 14 Aug 2024 17:53

Tgt Ion: 75	Resp: 5041
Ion Ratio	Lower Upper
75 100	
77 44.3	19.1 57.5





#77

Bromobenzene

Concen: 2.644 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX043038.D

Acq: 14 Aug 2024 17:53

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

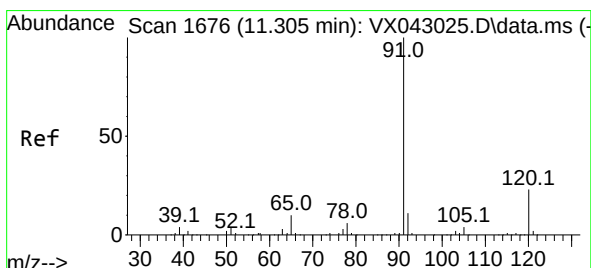
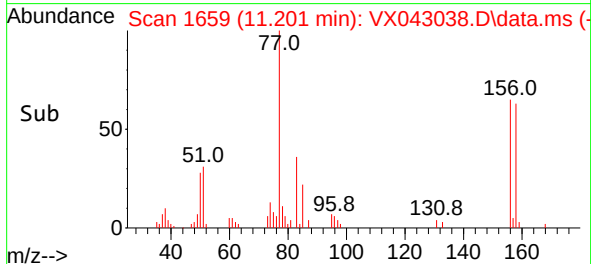
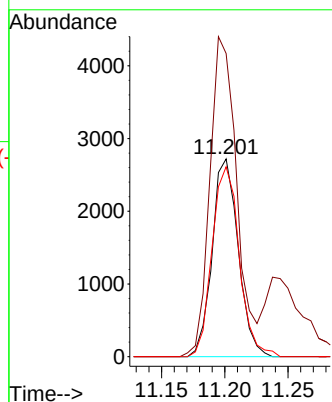
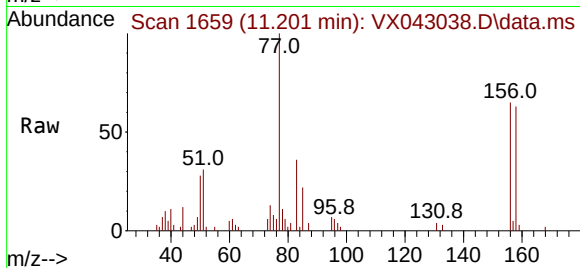
Tgt Ion:	156	Resp:	3894
Ion Ratio	Lower	Upper	
156	100		
77	166.7	88.4	265.3
158	100.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#78

n-propylbenzene

Concen: 2.512 ug/l

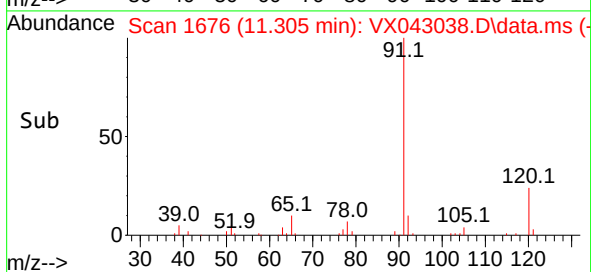
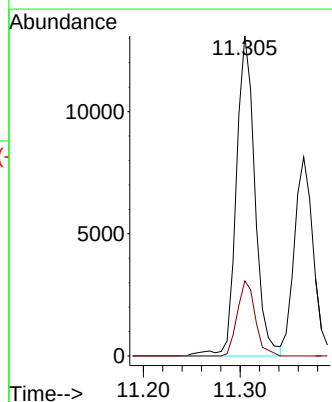
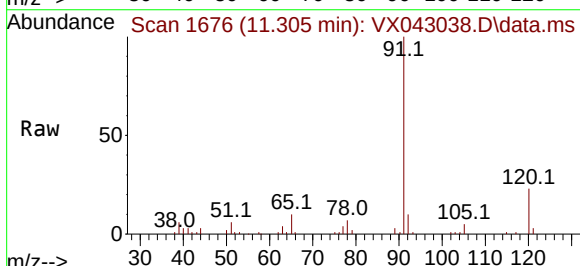
RT: 11.305 min Scan# 1676

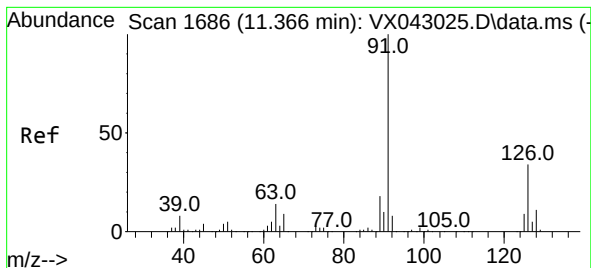
Delta R.T. -0.000 min

Lab File: VX043038.D

Acq: 14 Aug 2024 17:53

Tgt Ion:	91	Resp:	17551
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.5	34.4





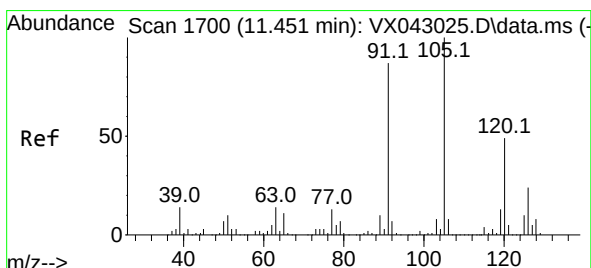
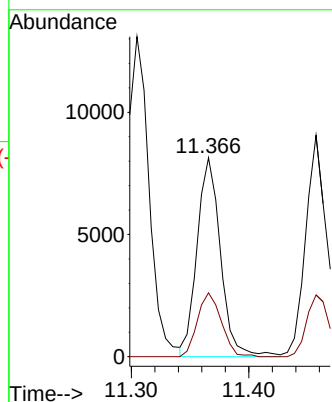
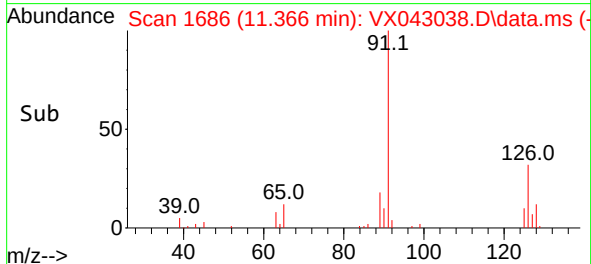
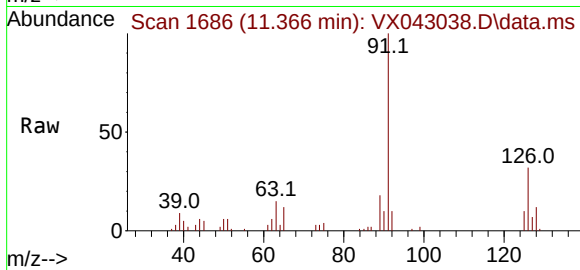
#79
2-Chlorotoluene
Concen: 2.605 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 91 Resp: 11330
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.8

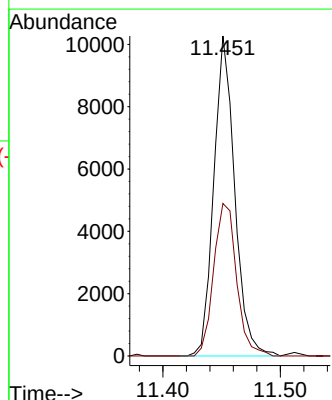
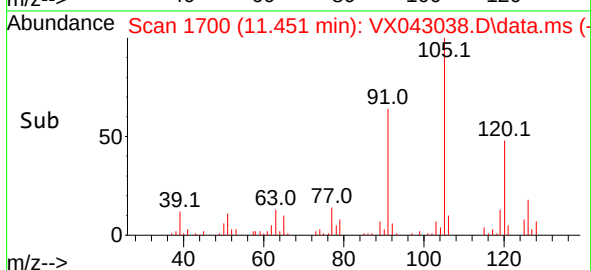
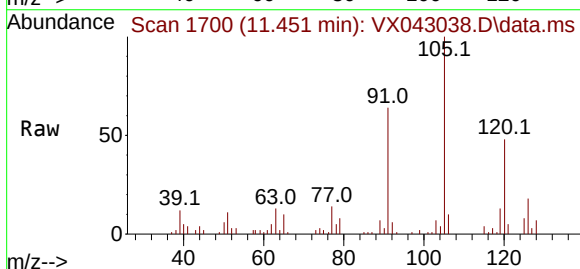
Manual Integrations
APPROVED

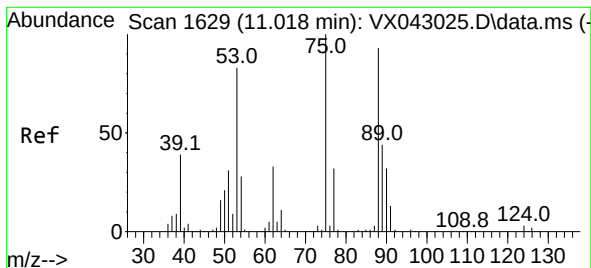
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#80
1,3,5-Trimethylbenzene
Concen: 2.515 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

Tgt Ion:105 Resp: 12704
Ion Ratio Lower Upper
105 100
120 52.2 24.1 72.3





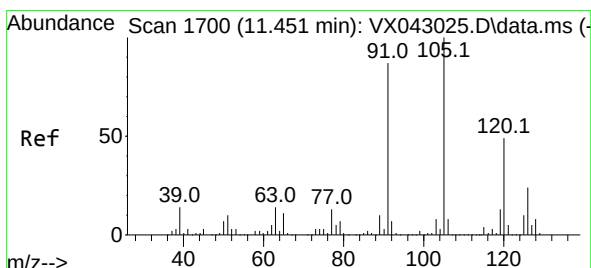
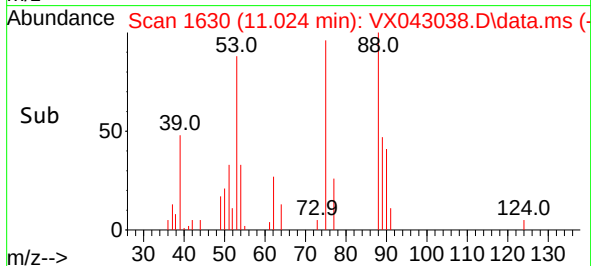
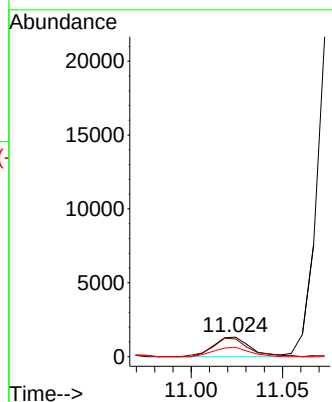
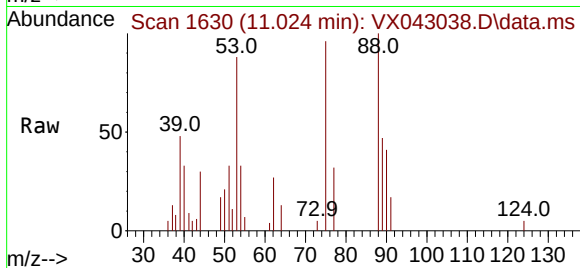
#81
trans-1,4-Dichloro-2-butene
Concen: 2.167 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 75 Resp: 1830
Ion Ratio Lower Upper
75 100
53 95.5 90.5 135.7
89 47.3 36.9 55.3

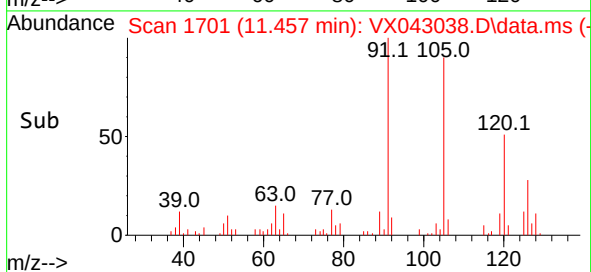
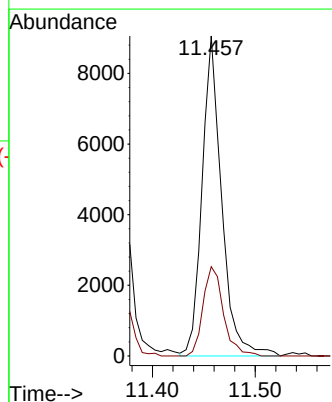
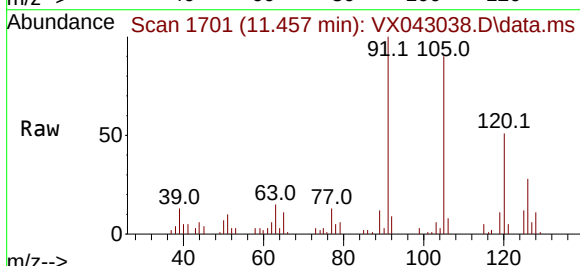
Manual Integrations
APPROVED

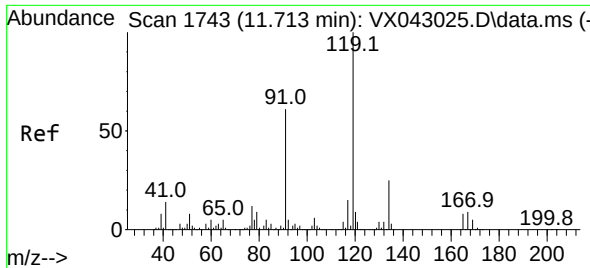
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#82
4-Chlorotoluene
Concen: 2.479 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

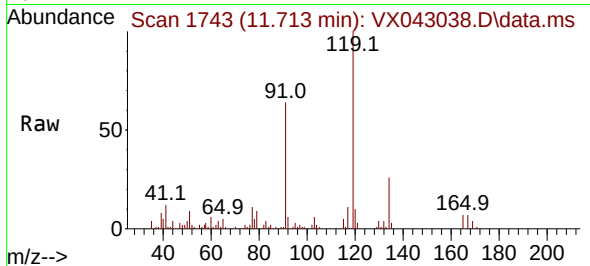
Tgt Ion: 91 Resp: 12012
Ion Ratio Lower Upper
91 100
126 29.1 14.2 42.6





#83
tert-Butylbenzene
Concen: 2.665 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

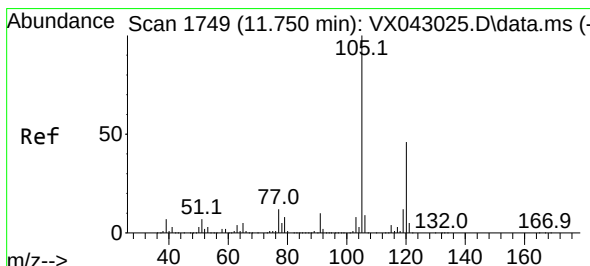
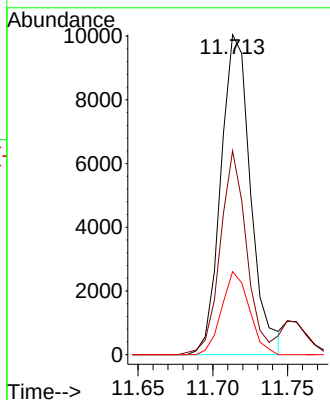
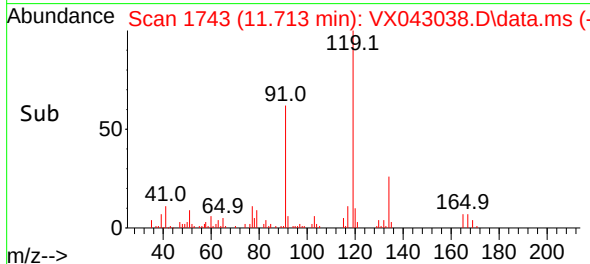
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



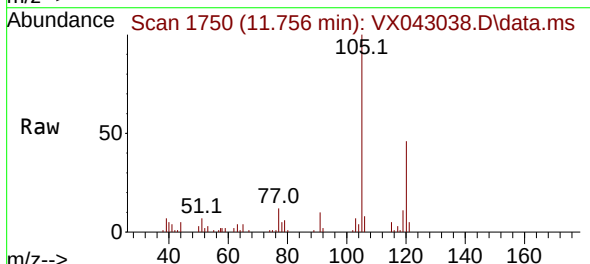
Tgt Ion:119 Resp: 13932
Ion Ratio Lower Upper
119 100
91 56.0 31.2 93.6
134 24.0 11.7 35.0

Manual Integrations
APPROVED

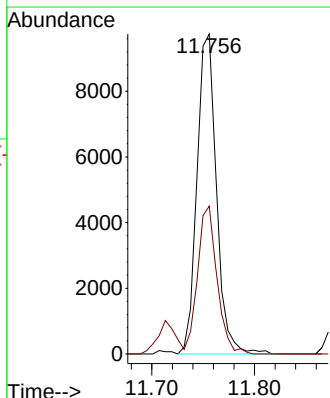
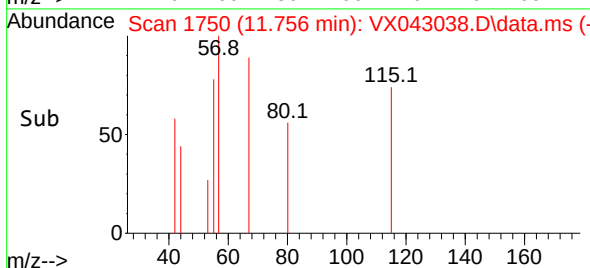
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024

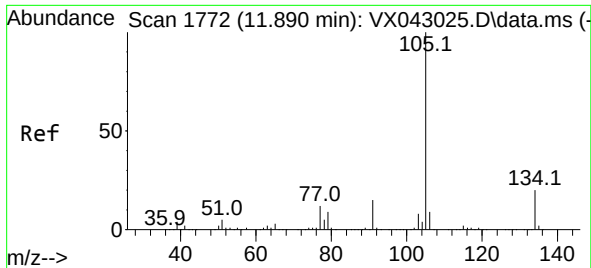


#84
1,2,4-Trimethylbenzene
Concen: 2.525 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53



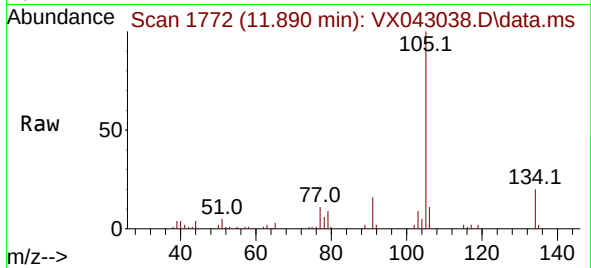
Tgt Ion:105 Resp: 12866
Ion Ratio Lower Upper
105 100
120 46.2 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 2.527 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX043038.D
 Acq: 14 Aug 2024 17:53

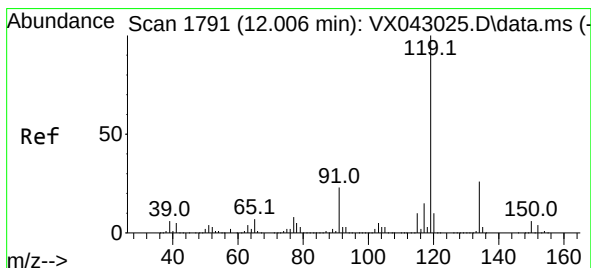
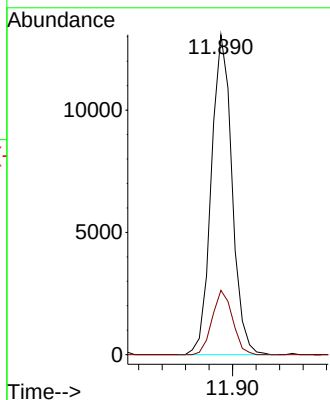
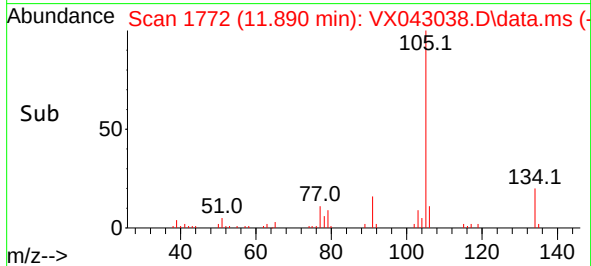
Instrument : MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024



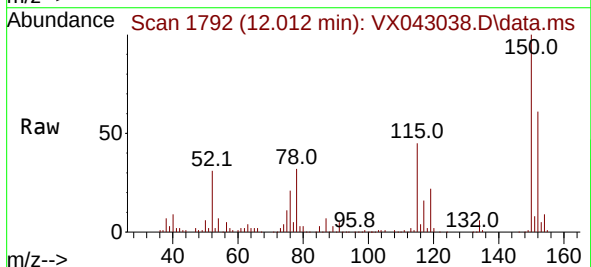
Tgt Ion:105 Resp: 1603
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4

Manual Integrations
 APPROVED

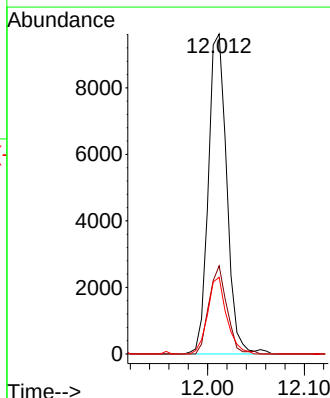
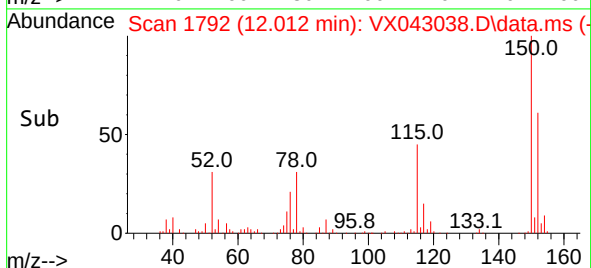
Reviewed By :John Carlone 08/15/2024
 Supervised By :Mahesh Dadoda 08/15/2024

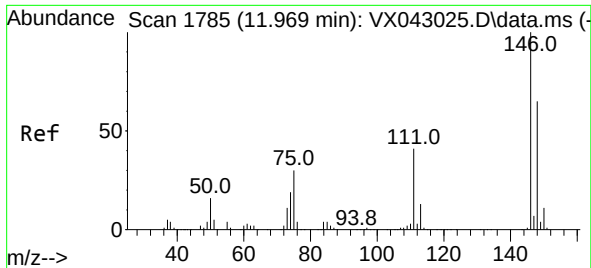


#86
 p-Isopropyltoluene
 Concen: 2.448 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX043038.D
 Acq: 14 Aug 2024 17:53



Tgt Ion:119 Resp: 12690
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.8 38.3
 91 24.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 2.600 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX043038.D

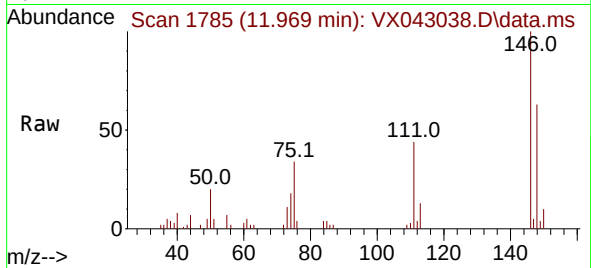
Acq: 14 Aug 2024 17:53

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



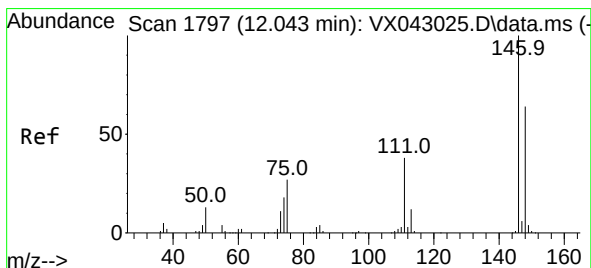
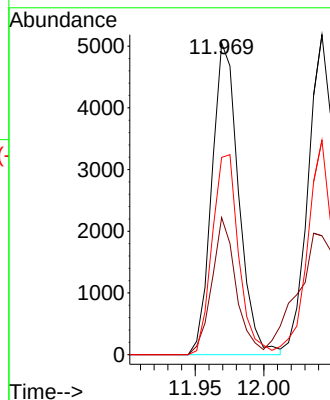
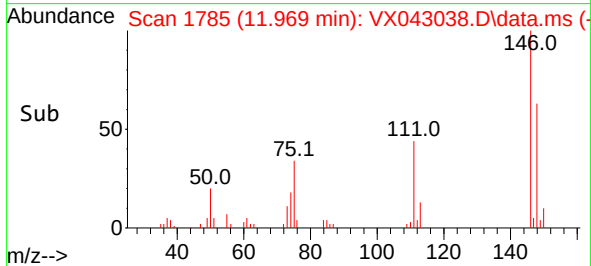
Tgt Ion:	146	Resp:	688
Ion	Ratio	Lower	Upper
146	100		
111	39.7	22.1	66.1
148	63.6	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#88

1,4-Dichlorobenzene

Concen: 2.561 ug/l

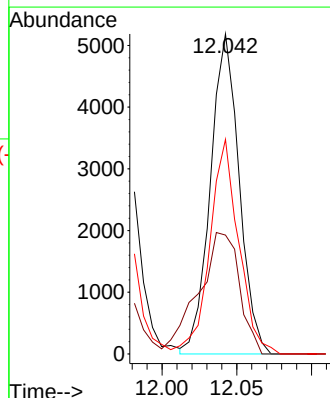
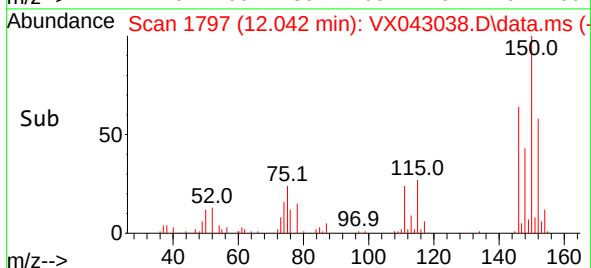
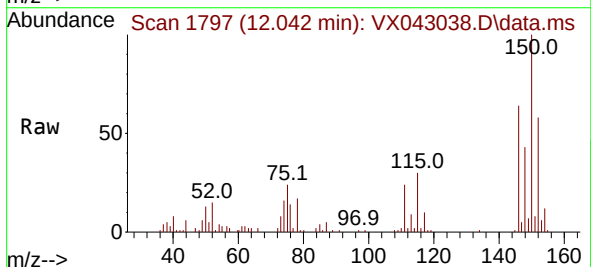
RT: 12.042 min Scan# 1797

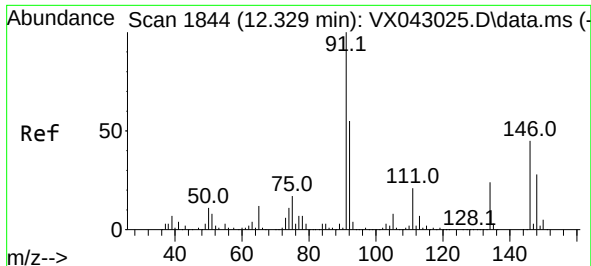
Delta R.T. -0.000 min

Lab File: VX043038.D

Acq: 14 Aug 2024 17:53

Tgt Ion:	146	Resp:	6940
Ion	Ratio	Lower	Upper
146	100		
111	54.0	21.3	63.7
148	67.4	31.8	95.4





#89

n-Butylbenzene

Concen: 2.189 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX043038.D

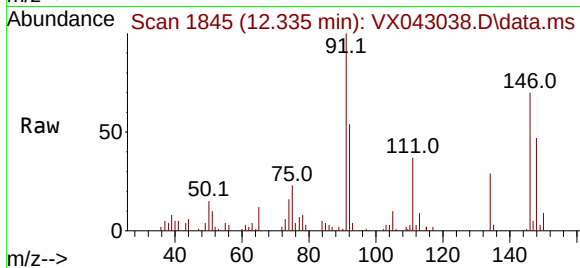
Acq: 14 Aug 2024 17:53

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



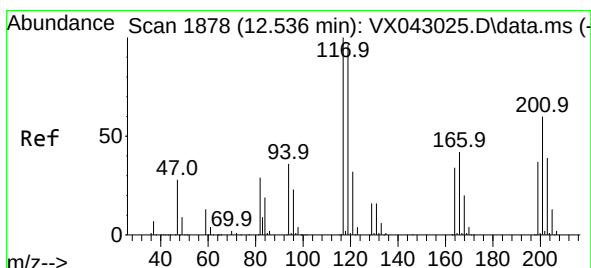
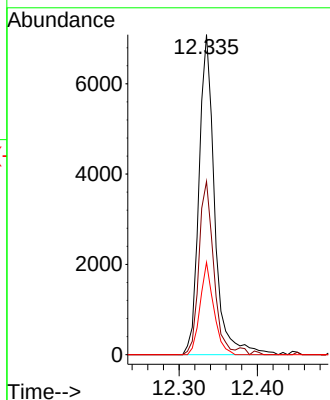
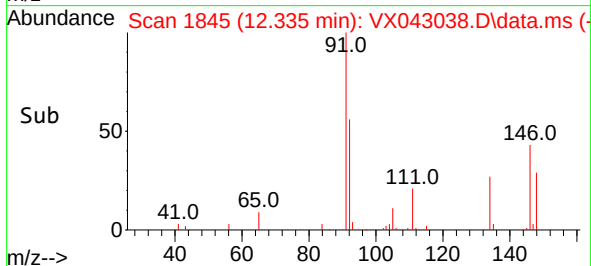
Tgt Ion:	91	Resp:	9820
Ion Ratio	100	Lower	Upper
91	100		
92	52.5	27.4	82.0
134	25.1	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#90

Hexachloroethane

Concen: 2.472 ug/l

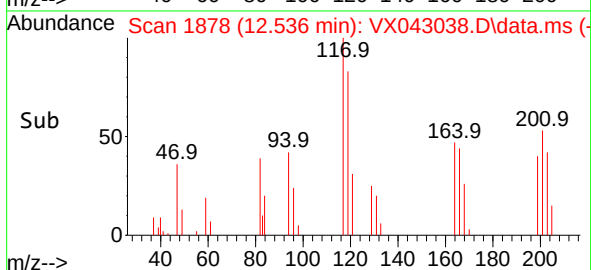
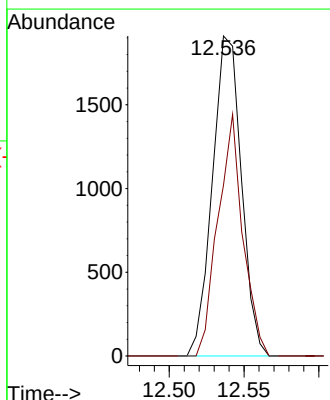
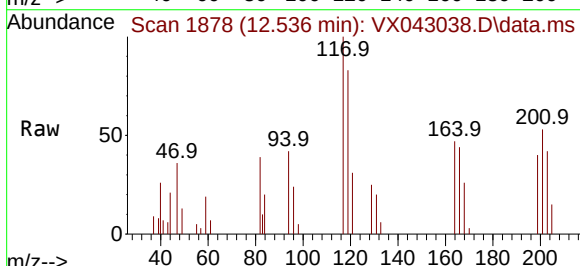
RT: 12.536 min Scan# 1878

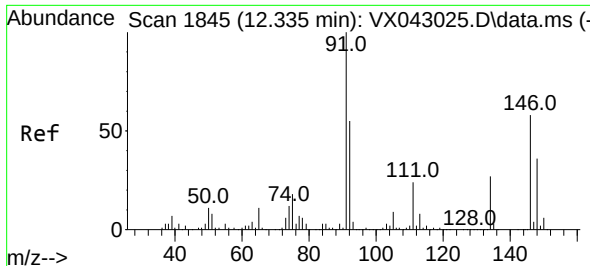
Delta R.T. -0.000 min

Lab File: VX043038.D

Acq: 14 Aug 2024 17:53

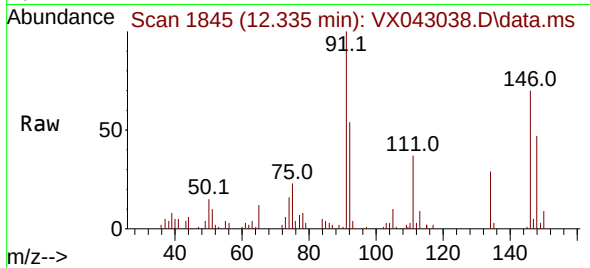
Tgt Ion:	117	Resp:	2574
Ion Ratio	100	Lower	Upper
117	100		
201	65.0	32.9	98.6





#91
1,2-Dichlorobenzene
Concen: 2.425 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

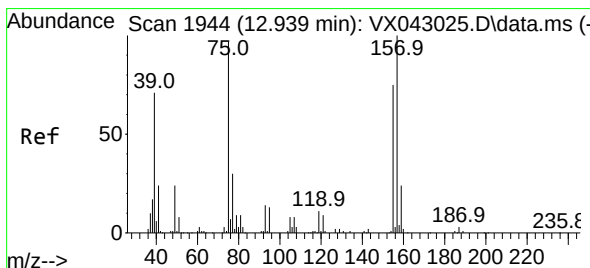
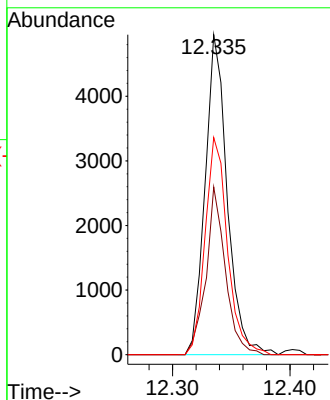
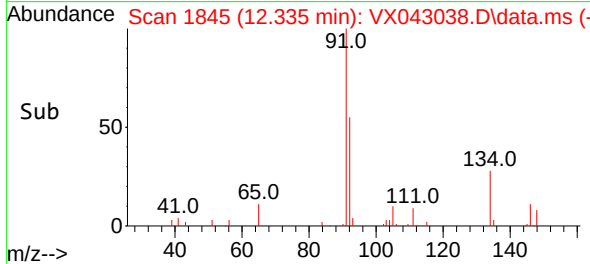
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



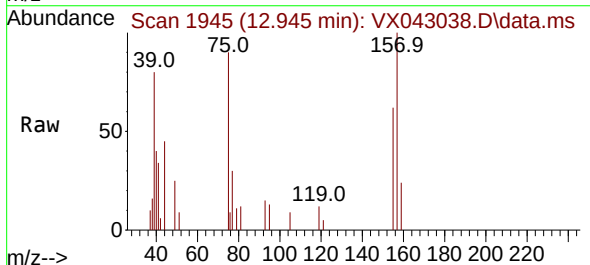
Tgt Ion:146 Resp: 6470
Ion Ratio Lower Upper
146 100
111 46.0 22.4 67.0
148 68.6 31.6 95.0

Manual Integrations
APPROVED

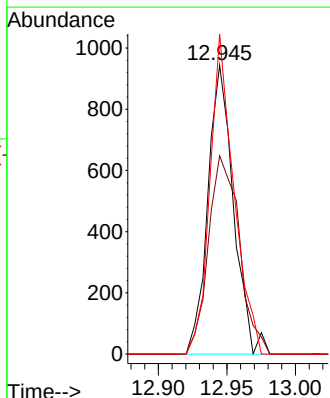
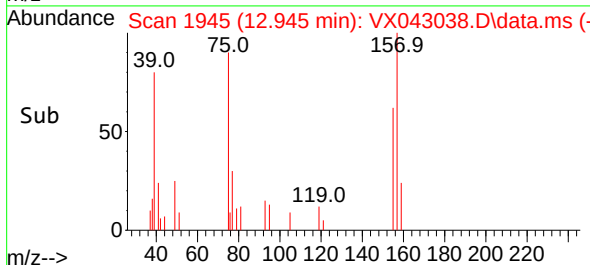
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024

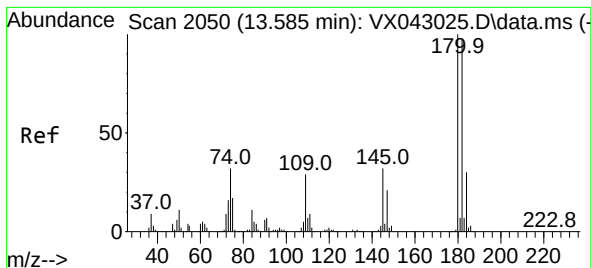


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.653 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53



Tgt Ion: 75 Resp: 1225
Ion Ratio Lower Upper
75 100
155 82.9 36.1 108.5
157 103.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 2.292 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX043038.D

Acq: 14 Aug 2024 17:53

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

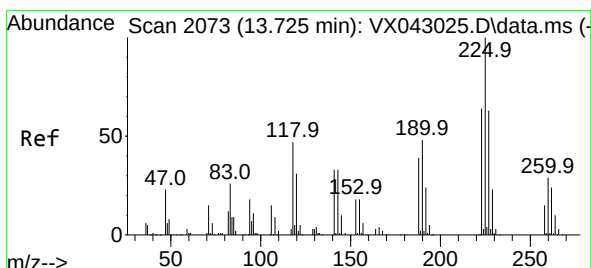
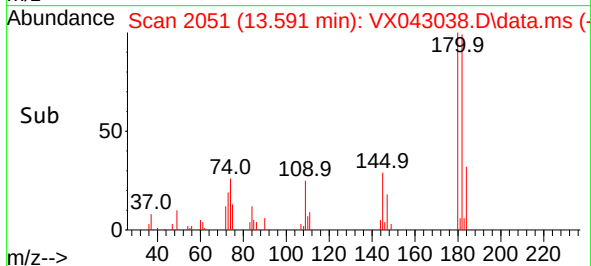
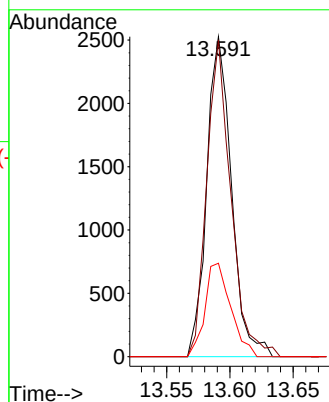
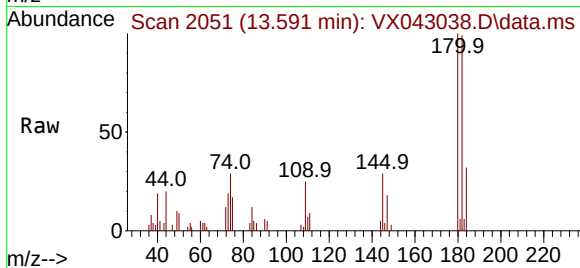
Tgt Ion:180	Resp:	344
Ion Ratio	Lower	Upper
180	100	
182	96.1	48.3 144.8
145	30.3	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#94

Hexachlorobutadiene

Concen: 2.525 ug/l

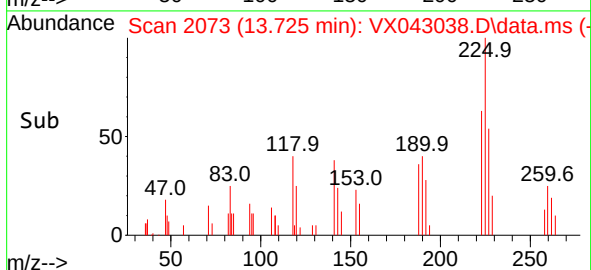
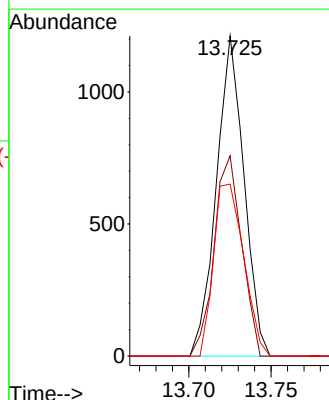
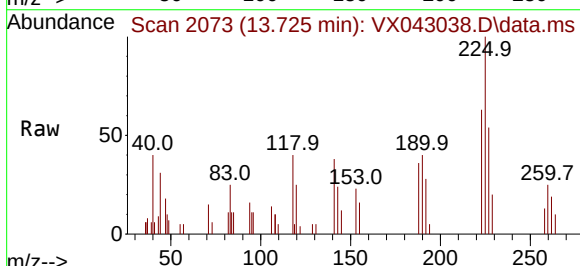
RT: 13.725 min Scan# 2073

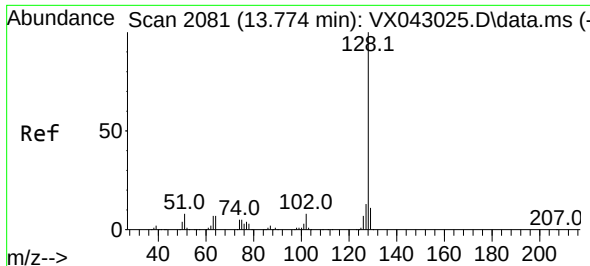
Delta R.T. -0.000 min

Lab File: VX043038.D

Acq: 14 Aug 2024 17:53

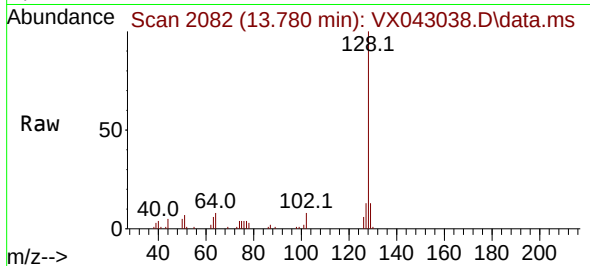
Tgt Ion:225	Resp:	1416
Ion Ratio	Lower	Upper
225	100	
223	62.3	31.1 93.2
227	58.6	32.5 97.5





#95
Naphthalene
Concen: 2.451 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

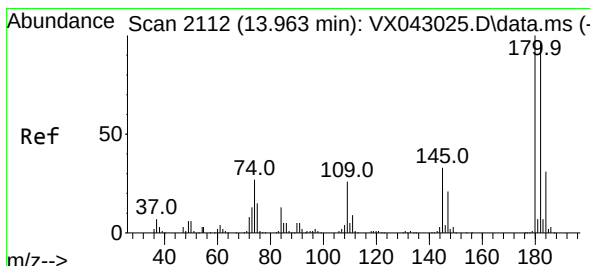
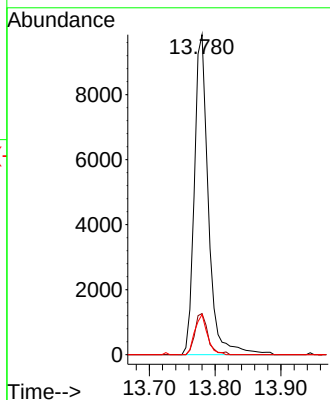
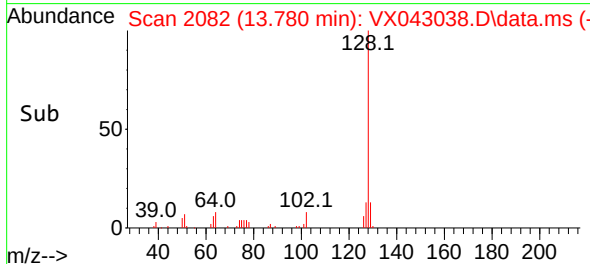
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:128 Resp: 14549
Ion Ratio Lower Upper
128 100
127 11.9 10.3 15.5
129 11.2 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carbone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#96
1,2,3-Trichlorobenzene
Concen: 2.328 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX043038.D
Acq: 14 Aug 2024 17:53

Tgt Ion:180 Resp: 3579
Ion Ratio Lower Upper
180 100
182 101.1 46.9 140.6
145 33.1 17.8 53.5

