

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
 Data File : VX034235.D
 Acq On : 22 Feb 2023 17:41
 Operator : JC/MD
 Sample : 01627-09RE .2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2023 .2PPB

Quant Time: Feb 23 03:24:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 23 03:17:23 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/23/2023
 Supervised By : Mahesh Dadoda 02/23/2023

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	311548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	503433	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	440816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	206877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	184969	44.084	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.160%		
35) Dibromofluoromethane	5.385	113	159512	48.664	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.320%		
50) Toluene-d8	8.646	98	588288	49.988	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.980%		
62) 4-Bromofluorobenzene	11.079	95	208598	46.339	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.680%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	473	0.176	ug/l #	45
3) Chloromethane	1.294	50	981	0.253	ug/l	97
4) Vinyl Chloride	1.373	62	672	0.190	ug/l #	44
5) Bromomethane	1.611	94	660	0.471	ug/l	91
6) Chloroethane	1.690	64	572	0.322	ug/l	89
7) Trichlorofluoromethane	1.891	101	1069	0.224	ug/l	91
8) Diethyl Ether	2.135	74	669	0.348	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.330	101	539	0.160	ug/l	90
10) Methyl Iodide	2.452	142	746	0.182	ug/l #	80
11) Tert butyl alcohol	2.946	59	2607	2.778	ug/l #	91
12) 1,1-Dichloroethene	2.324	96	598	0.177	ug/l	86
13) Acrolein	2.245	56	636	1.485	ug/l	98
14) Allyl chloride	2.666	41	1340	0.187	ug/l #	79
15) Acrylonitrile	3.074	53	1966	0.960	ug/l #	87
16) Acetone	2.385	43	3346	1.546	ug/l #	80
17) Carbon Disulfide	2.513	76	1867	0.193	ug/l	97
18) Methyl Acetate	2.702	43	1672m	0.250	ug/l	
19) Methyl tert-butyl Ether	3.105	73	2030	0.171	ug/l #	61
20) Methylene Chloride	2.788	84	10316	2.645	ug/l	94
21) trans-1,2-Dichloroethene	3.092	96	860	0.244	ug/l #	71
22) Diisopropyl ether	3.763	45	2346	0.187	ug/l #	52
23) Vinyl Acetate	3.733	43	8870	0.883	ug/l	97
24) 1,1-Dichloroethane	3.611	63	999	0.145	ug/l #	81
25) 2-Butanone	4.586	43	3313m	1.058	ug/l	
26) 2,2-Dichloropropane	4.489	77	1386	0.222	ug/l #	60
27) cis-1,2-Dichloroethene	4.489	96	653	0.156	ug/l	78
28) Bromochloromethane	4.915	49	425	0.138	ug/l #	85
29) Tetrahydrofuran	5.019	42	2164m	1.133	ug/l	
30) Chloroform	5.104	83	1322	0.200	ug/l #	79
31) Cyclohexane	5.470	56	1220	0.195	ug/l #	66
32) 1,1,1-Trichloroethane	5.391	97	1085	0.183	ug/l #	48
36) 1,1-Dichloropropene	5.690	75	1093	0.225	ug/l #	83
37) Ethyl Acetate	4.732	43	2141m	0.395	ug/l	
38) Carbon Tetrachloride	5.677	117	962	0.193	ug/l #	79
39) Methylcyclohexane	7.384	83	1079	0.173	ug/l #	83
40) Benzene	6.043	78	2790	0.194	ug/l #	88

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 Quant Title : SW846 8260
 QLast Update : Thu Feb 23 03:17:23 2023
 Response via : Initial Calibration

Manual Integrations
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Reviewed By : John Carlone 02/23/2023
 Supervised By : Mahesh Dadoda 02/23/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.958	41	742m	0.246	ug/l	
42) 1,2-Dichloroethane	6.098	62	1222	0.242	ug/l	97
43) Isopropyl Acetate	6.348	43	2316m	0.242	ug/l	
44) Trichloroethene	7.134	130	823	0.223	ug/l	80
45) 1,2-Dichloropropane	7.427	63	753	0.197	ug/l	97
46) Dibromomethane	7.579	93	535	0.213	ug/l #	73
47) Bromodichloromethane	7.836	83	874	0.169	ug/l #	76
48) Methyl methacrylate	7.708	41	861	0.190	ug/l #	80
49) 1,4-Dioxane	7.701	88	225	2.486	ug/l #	56
51) 4-Methyl-2-Pentanone	8.579	43	4814	0.915	ug/l	97
52) Toluene	8.720	92	1917	0.220	ug/l	98
53) t-1,3-Dichloropropene	8.994	75	822	0.138	ug/l #	86
54) cis-1,3-Dichloropropene	8.366	75	1018	0.160	ug/l	91
55) 1,1,2-Trichloroethane	9.165	97	720	0.205	ug/l #	74
56) Ethyl methacrylate	9.128	69	1049m	0.176	ug/l	
57) 1,3-Dichloropropane	9.311	76	999	0.163	ug/l #	83
58) 2-Chloroethyl Vinyl ether	8.250	63	3340	1.297	ug/l	96
59) 2-Hexanone	9.445	43	3548	0.885	ug/l	95
60) Dibromochloromethane	9.518	129	606	0.156	ug/l	95
61) 1,2-Dibromoethane	9.616	107	630	0.170	ug/l	91
64) Tetrachloroethene	9.274	164	757	0.243	ug/l #	82
65) Chlorobenzene	10.079	112	1949	0.212	ug/l	90
66) 1,1,1,2-Tetrachloroethane	10.158	131	641	0.180	ug/l #	66
67) Ethyl Benzene	10.195	91	3041	0.184	ug/l #	80
68) m/p-Xylenes	10.305	106	2355	0.373	ug/l	92
69) o-Xylene	10.646	106	1200	0.191	ug/l	95
70) Styrene	10.664	104	1890	0.185	ug/l #	90
71) Bromoform	10.805	173	403	0.139	ug/l #	29
73) Isopropylbenzene	10.963	105	2992	0.190	ug/l	94
74) N-amyl acetate	10.847	43	1586	0.200	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	11.213	83	909	0.169	ug/l	94
76) 1,2,3-Trichloropropane	11.243	75	955m	0.183	ug/l	
77) Bromobenzene	11.201	156	877	0.231	ug/l	95
78) n-propylbenzene	11.304	91	3364	0.183	ug/l	98
79) 2-Chlorotoluene	11.365	91	2297	0.204	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	2589	0.195	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.024	75	250m	0.123	ug/l	
82) 4-Chlorotoluene	11.457	91	2629	0.205	ug/l	96
83) tert-Butylbenzene	11.713	119	2561	0.189	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	2490	0.186	ug/l	92
85) sec-Butylbenzene	11.890	105	2809	0.170	ug/l	99
86) p-Isopropyltoluene	12.012	119	2431	0.178	ug/l #	76
87) 1,3-Dichlorobenzene	11.969	146	1639	0.230	ug/l	90
88) 1,4-Dichlorobenzene	12.042	146	1648m	0.230	ug/l	
89) n-Butylbenzene	12.335	91	1980	0.163	ug/l	97
90) Hexachloroethane	12.542	117	441	0.155	ug/l	71
91) 1,2-Dichlorobenzene	12.335	146	1567	0.225	ug/l	88
92) 1,2-Dibromo-3-Chloropr...	12.950	75	122	0.095	ug/l	82
93) 1,2,4-Trichlorobenzene	13.597	180	834	0.187	ug/l	91
94) Hexachlorobutadiene	13.719	225	459	0.248	ug/l	89
95) Naphthalene	13.780	128	3785	0.251	ug/l	97
96) 1,2,3-Trichlorobenzene	13.962	180	886	0.200	ug/l	90

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Quant Title : SW846 8260
QLast Update : Thu Feb 23 03:17:23 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023 .2PPB

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

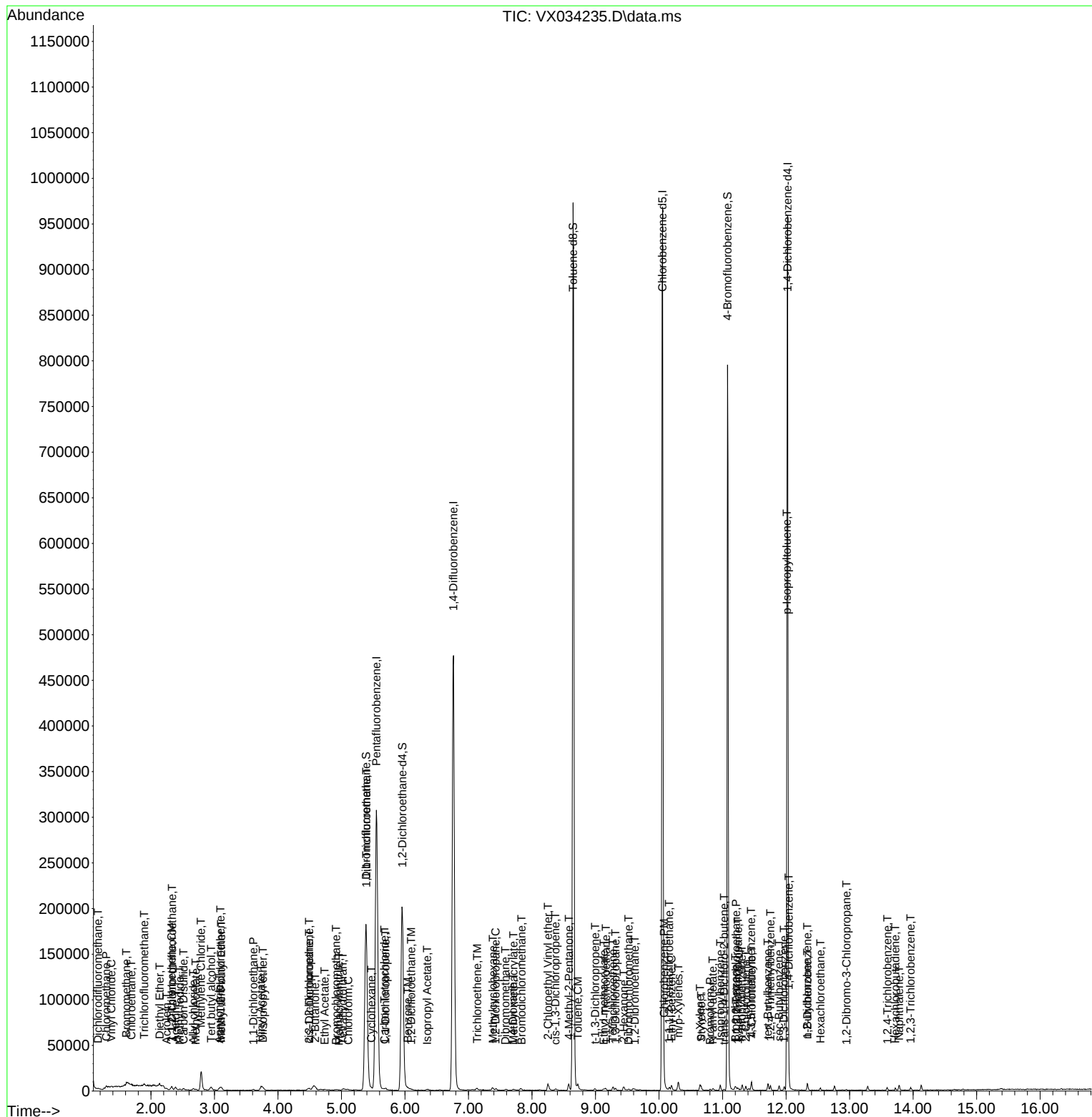
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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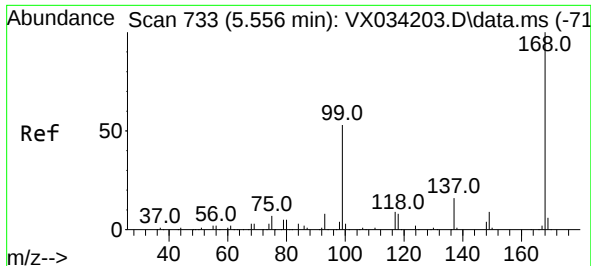
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Instrument :
MSVOA_X
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Manual Integrations

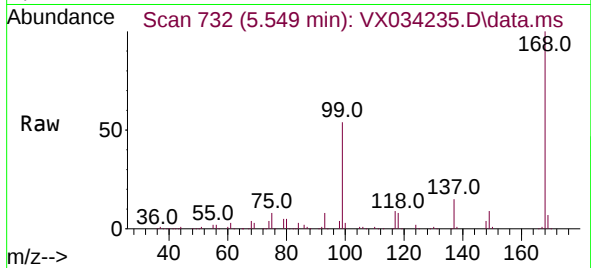
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

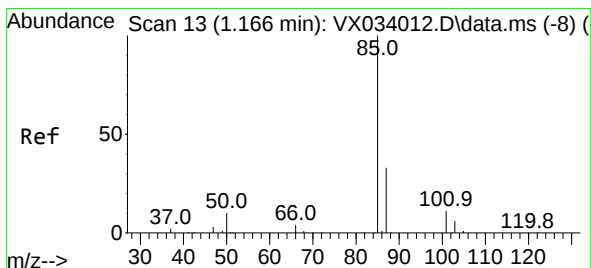
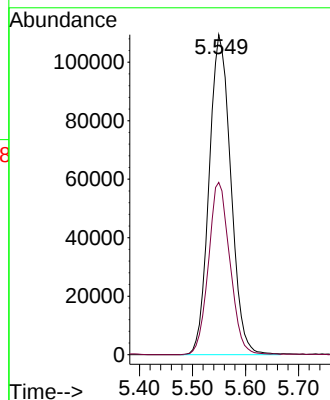
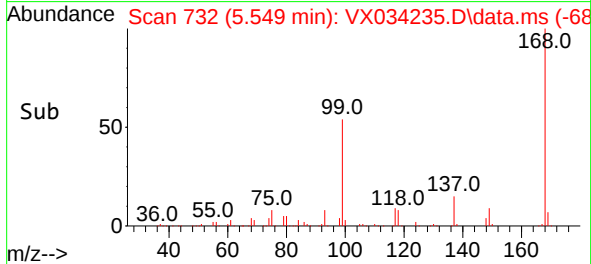
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MSVOA_X
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MDL-WATER-03-QT1-2023 .2PPB



Tgt Ion:168 Resp: 311548
Ion Ratio Lower Upper
168 100
99 53.8 39.6 59.4

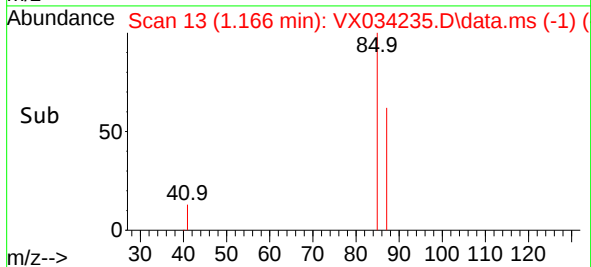
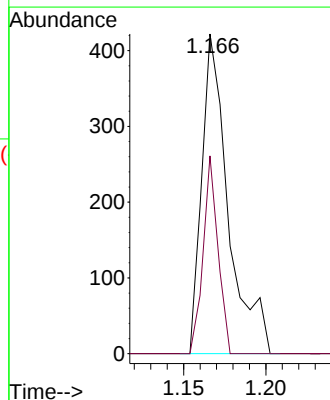
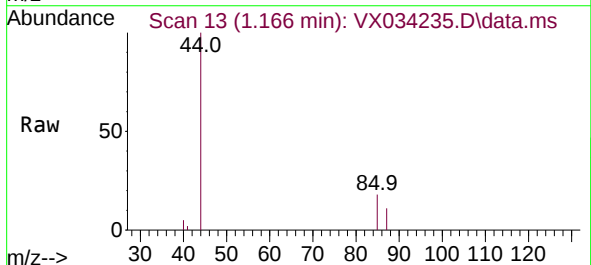
Manual Integrations
APPROVED

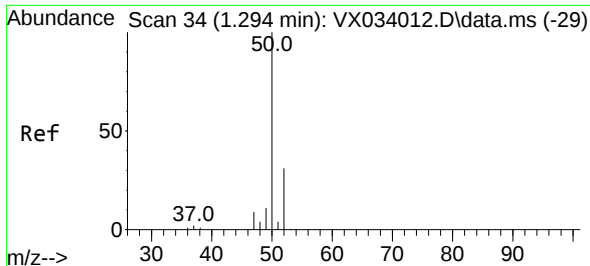
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#2
Dichlorodifluoromethane
Concen: 0.176 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

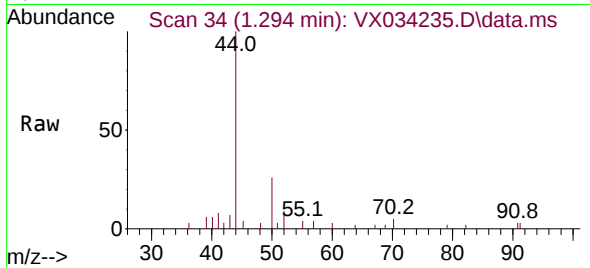
Tgt Ion: 85 Resp: 473
Ion Ratio Lower Upper
85 100
87 61.8 15.8 47.4#





#3
Chloromethane
Concen: 0.253 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

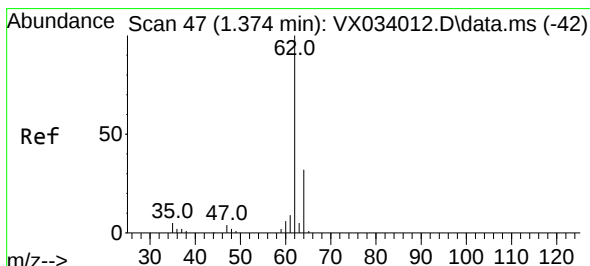
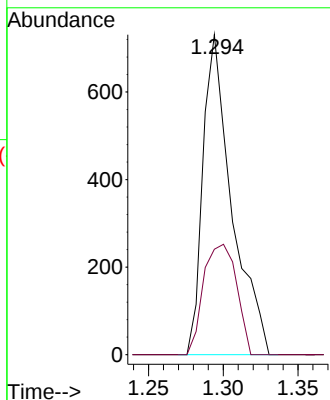
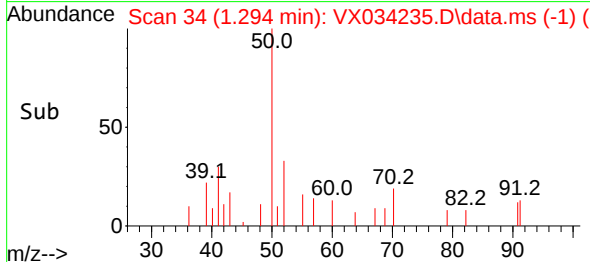
Instrument : MSVOA_X
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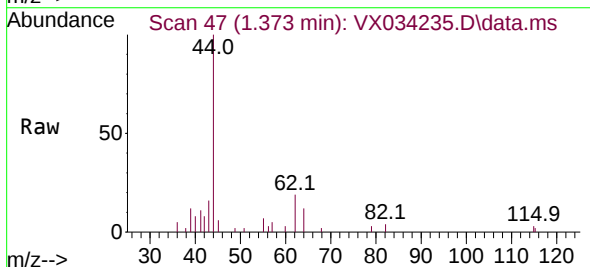
Tgt Ion: 50 Resp: 98
Ion Ratio Lower Upper
50 100
52 33.0 25.2 37.8

Manual Integrations
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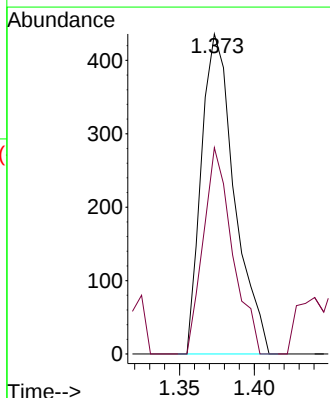
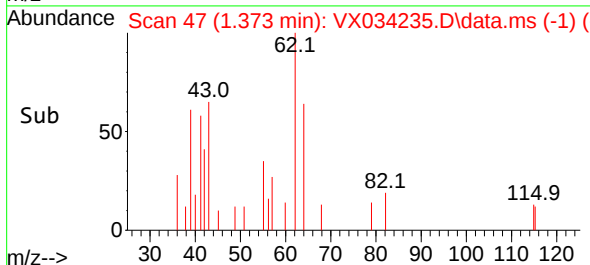
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

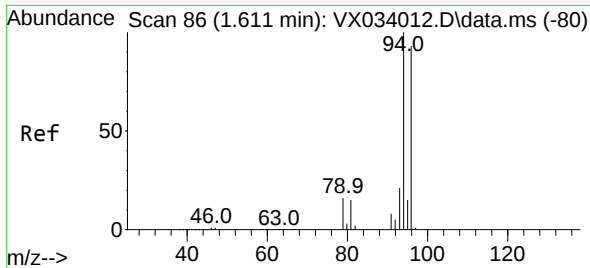


#4
Vinyl Chloride
Concen: 0.190 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41



Tgt Ion: 62 Resp: 672
Ion Ratio Lower Upper
62 100
64 64.4 26.2 39.4#





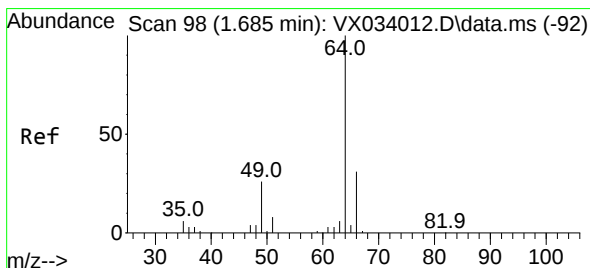
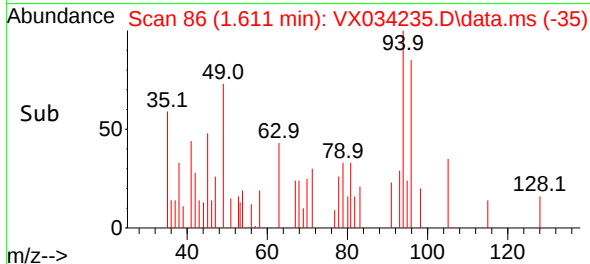
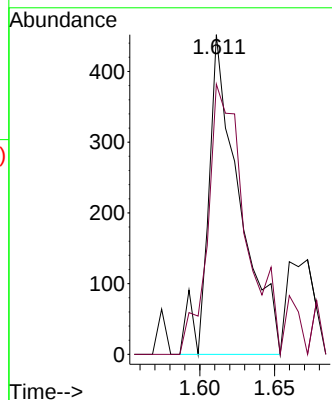
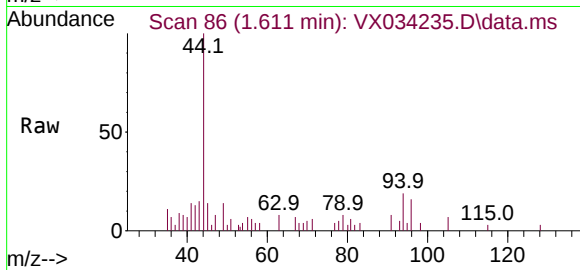
#5
Bromomethane
Concen: 0.471 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

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Tgt Ion: 94 Resp: 660
Ion Ratio Lower Upper
94 100
96 84.5 74.3 111.5

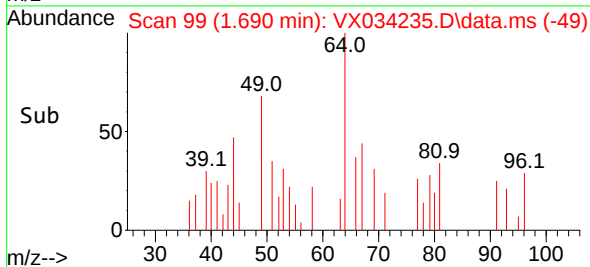
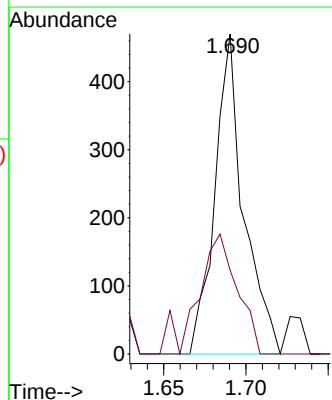
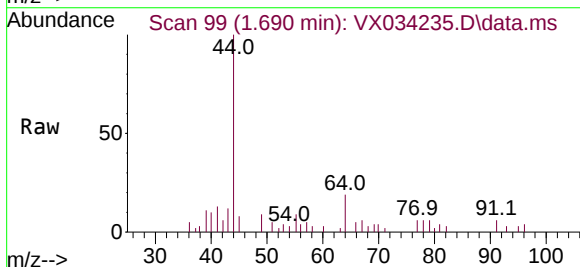
Manual Integrations
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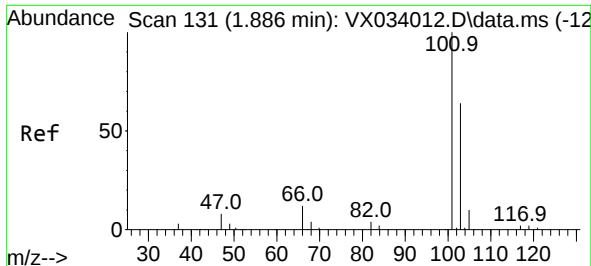
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#6
Chloroethane
Concen: 0.322 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

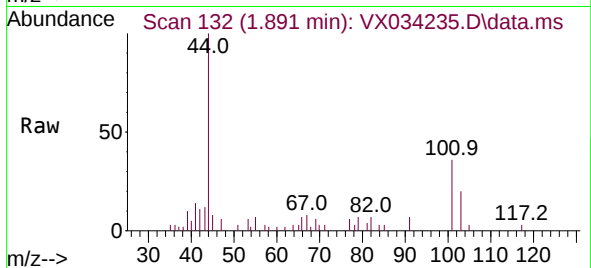
Tgt Ion: 64 Resp: 572
Ion Ratio Lower Upper
64 100
66 26.2 26.1 39.1





#7
Trichlorofluoromethane
Concen: 0.224 ug/l
RT: 1.891 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

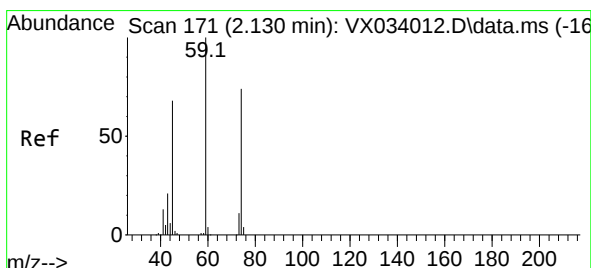
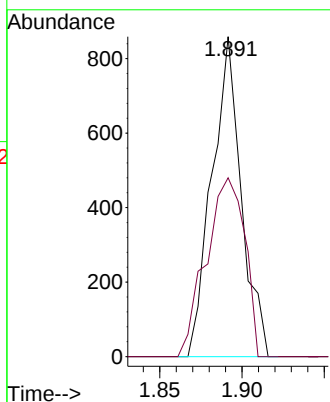
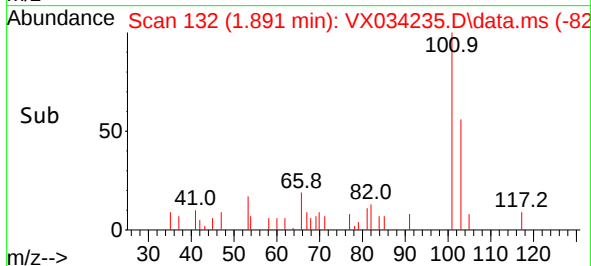
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023 .2PPB



Tgt Ion:101 Resp: 1069
Ion Ratio Lower Upper
101 100
103 55.9 50.6 75.8

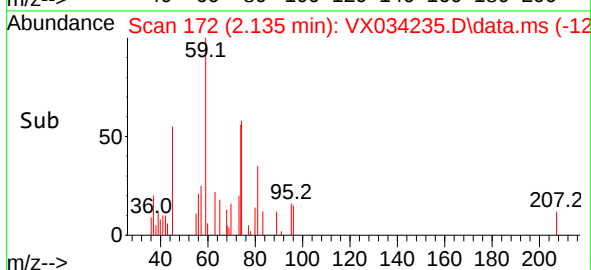
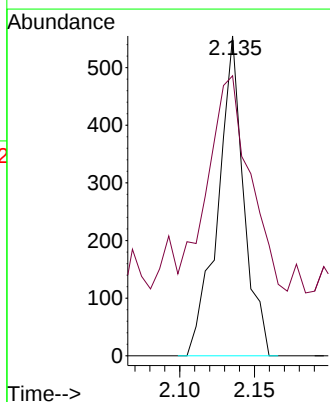
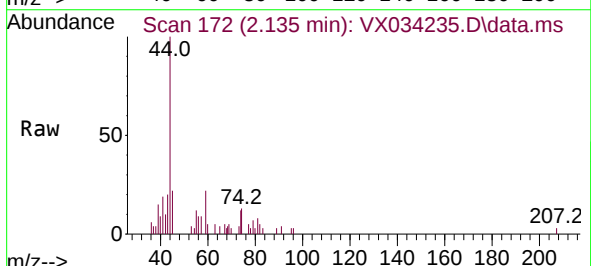
Manual Integrations
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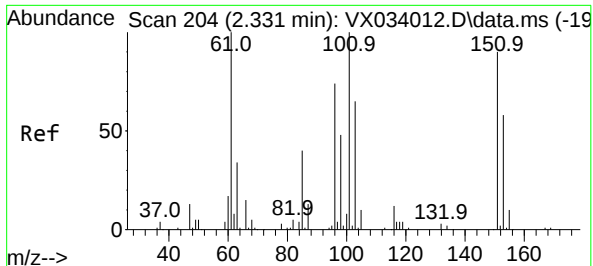
Reviewed By :John Carlone 02/23/2023
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#8
Diethyl Ether
Concen: 0.348 ug/l
RT: 2.135 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Tgt Ion: 74 Resp: 669
Ion Ratio Lower Upper
74 100
45 114.5 51.5 154.5





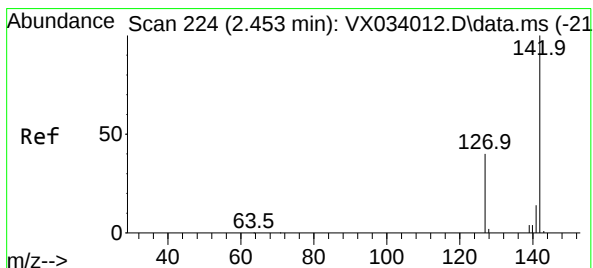
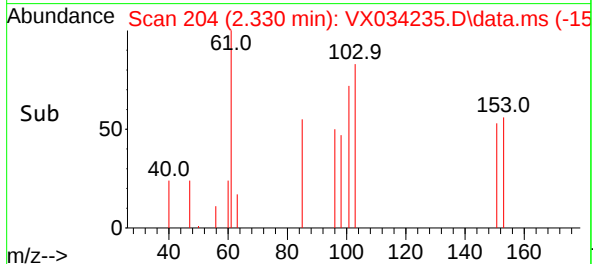
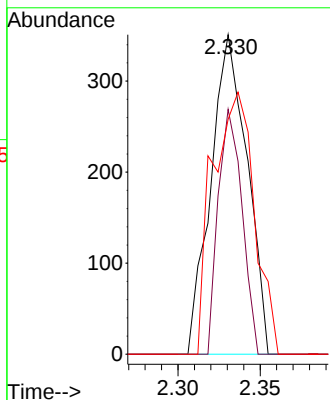
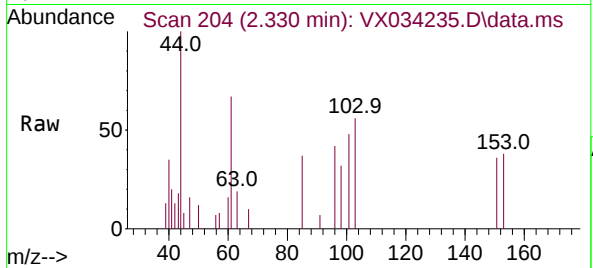
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.160 ug/l
RT: 2.330 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023 .2PPB

Tgt Ion:101 Resp: 539
Ion Ratio Lower Upper
101 100
85 50.3 36.7 55.1
151 94.2 66.5 99.7

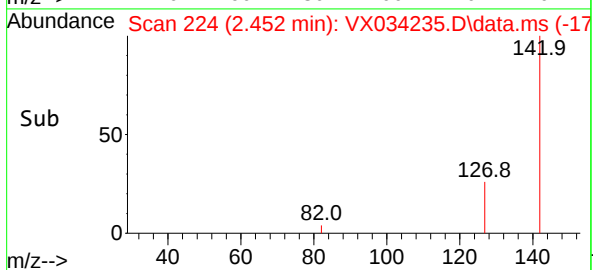
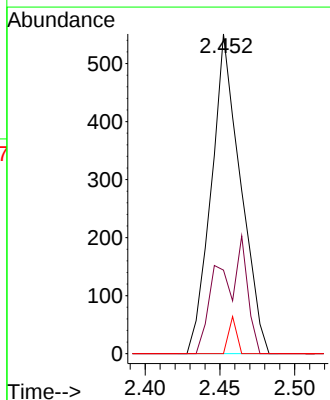
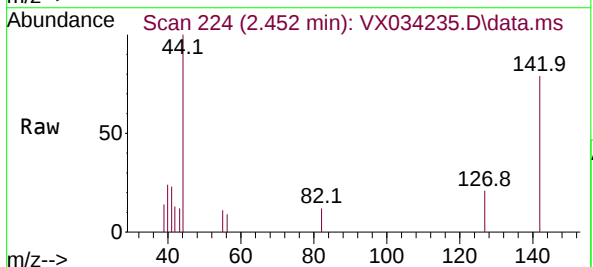
Manual Integrations
APPROVED

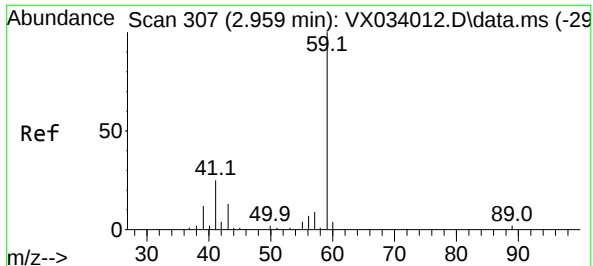
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#10
Methyl Iodide
Concen: 0.182 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Tgt Ion:142 Resp: 746
Ion Ratio Lower Upper
142 100
127 34.6 37.3 55.9#
141 3.1 11.5 17.3#





#11

Tert butyl alcohol

Concen: 2.778 ug/l

RT: 2.946 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX034235.D

Acq: 22 Feb 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023 .2PPB

Tgt Ion: 59 Resp: 260

Ion Ratio Lower Upper

59 100

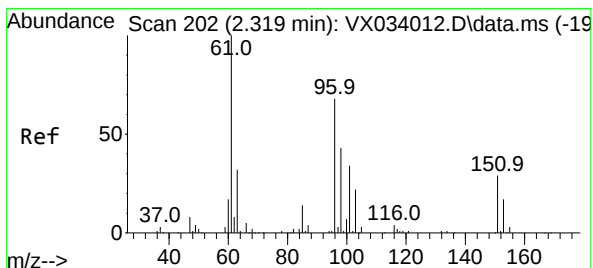
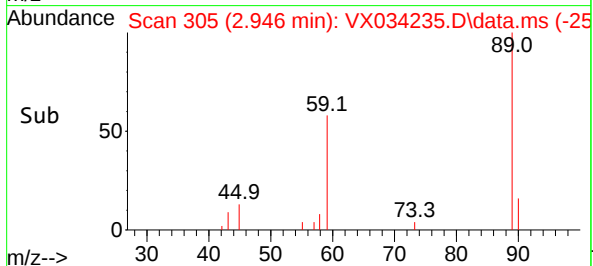
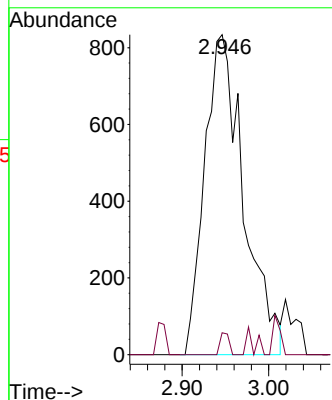
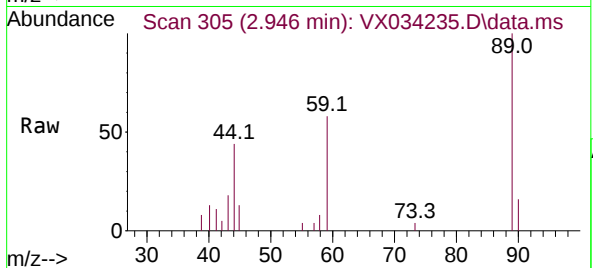
57 1.6 3.7 5.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#12

1,1-Dichloroethene

Concen: 0.177 ug/l

RT: 2.324 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX034235.D

Acq: 22 Feb 2023 17:41

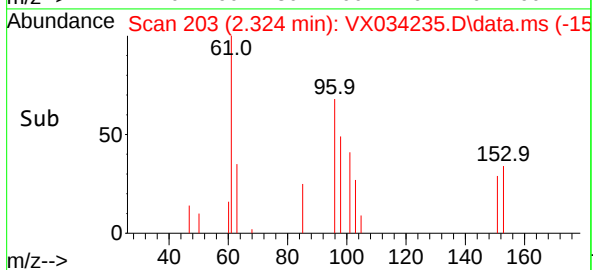
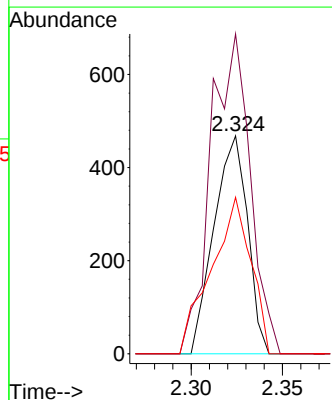
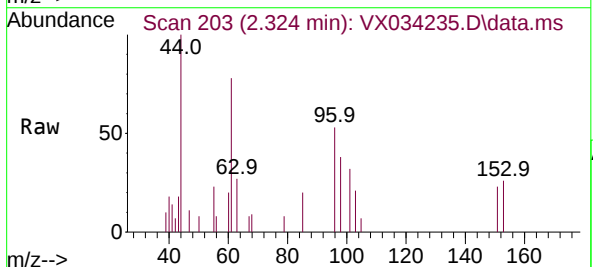
Tgt Ion: 96 Resp: 598

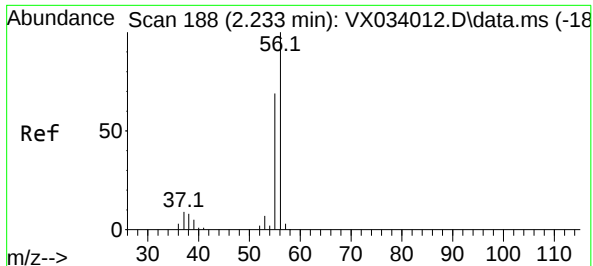
Ion Ratio Lower Upper

96 100

61 146.8 134.2 201.4

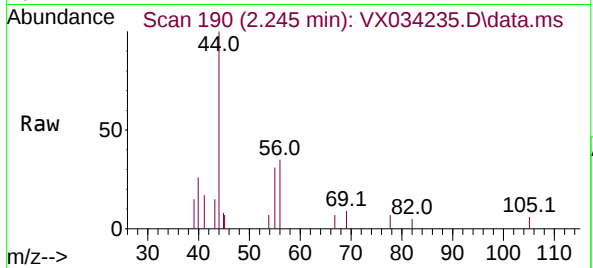
98 71.8 50.2 75.2





#13
Acrolein
Concen: 1.485 ug/l
RT: 2.245 min Scan# 188
Delta R.T. 0.012 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

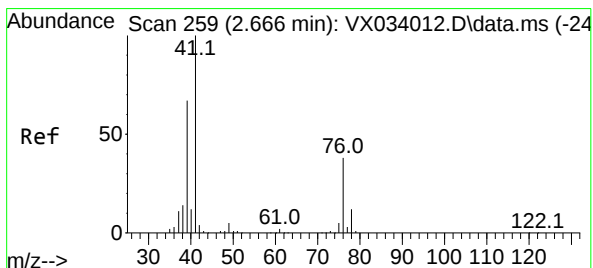
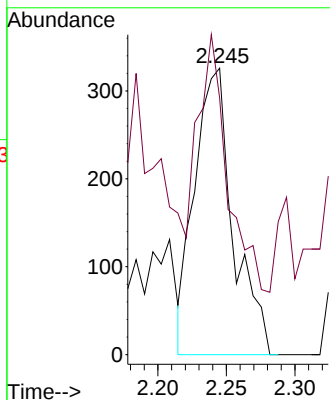
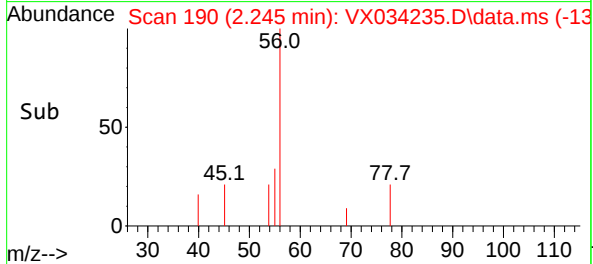
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2023 .2PPB



Tgt Ion: 56 Resp: 630
Ion Ratio Lower Upper
56 100
55 69.0 56.3 84.5

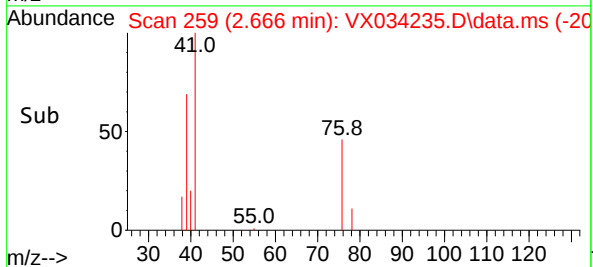
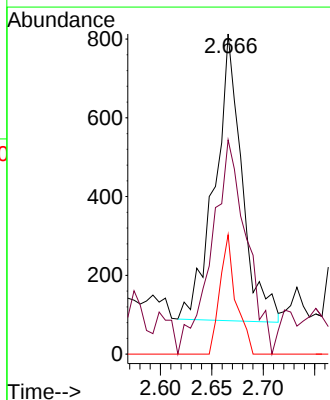
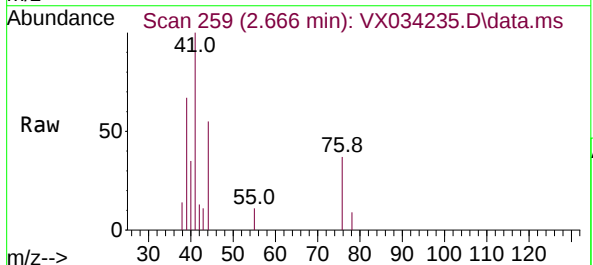
Manual Integrations
APPROVED

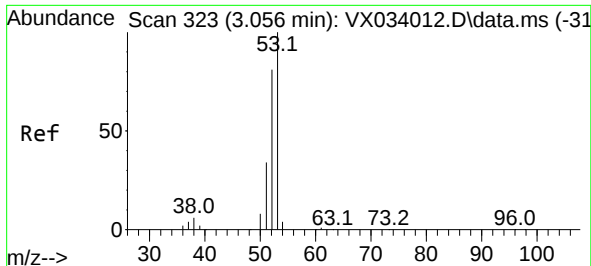
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#14
Allyl chloride
Concen: 0.187 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

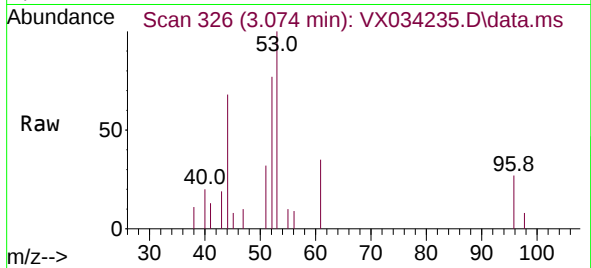
Tgt Ion: 41 Resp: 1340
Ion Ratio Lower Upper
41 100
39 95.2 59.0 88.4#
76 24.4 24.6 37.0#





#15
Acrylonitrile
Concen: 0.960 ug/l
RT: 3.074 min Scan# 31
Delta R.T. 0.018 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

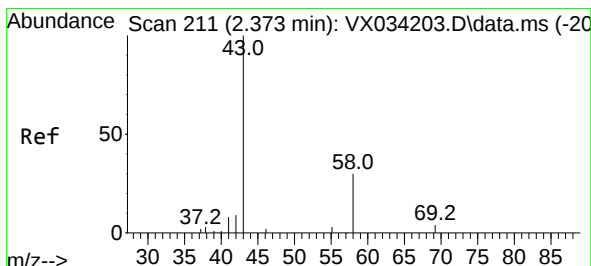
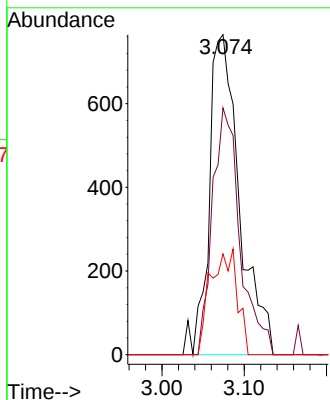
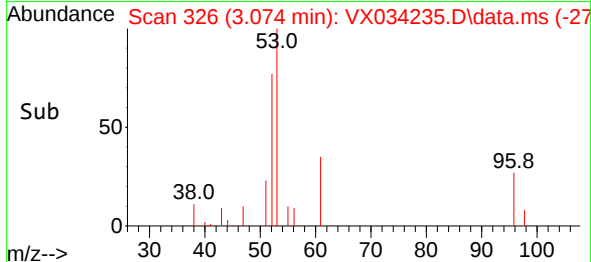
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023 .2PPB



Tgt Ion: 53 Resp: 1960
Ion Ratio Lower Upper
53 100
52 69.8 65.7 98.5
51 28.8 29.0 43.4

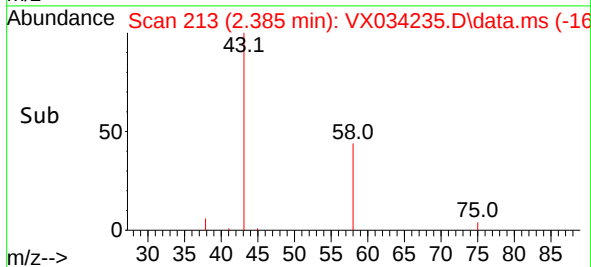
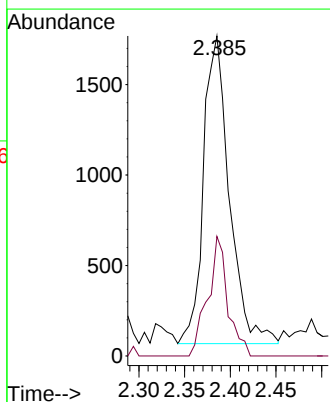
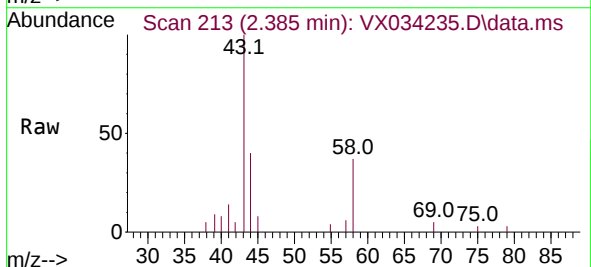
Manual Integrations
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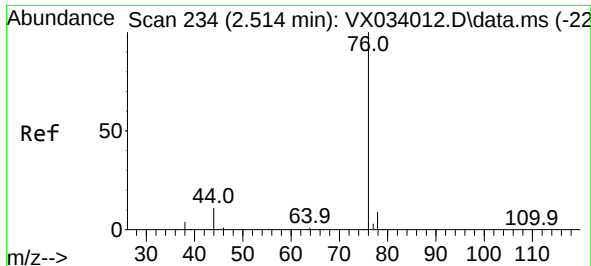
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#16
Acetone
Concen: 1.546 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

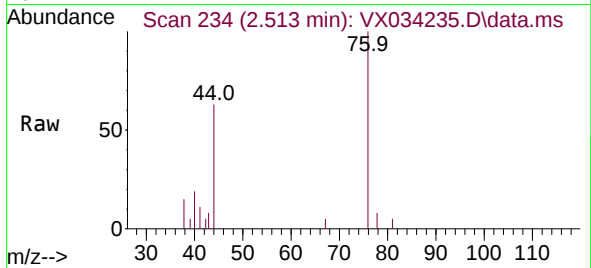
Tgt Ion: 43 Resp: 3346
Ion Ratio Lower Upper
43 100
58 38.9 22.6 33.8





#17
Carbon Disulfide
Concen: 0.193 ug/l
RT: 2.513 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

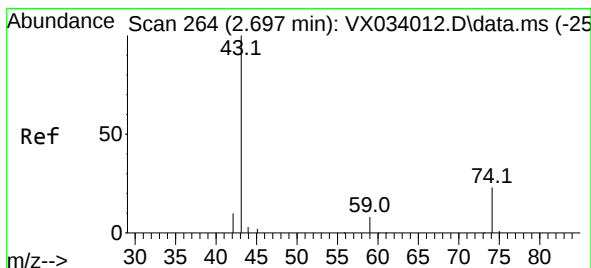
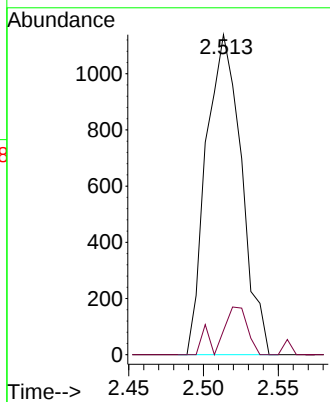
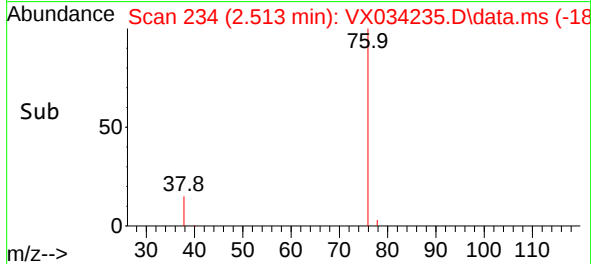
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023 .2PPB



Tgt Ion: 76 Resp: 186
Ion Ratio Lower Upper
76 100
78 7.6 7.0 10.6

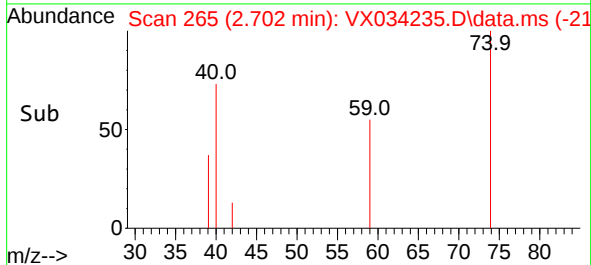
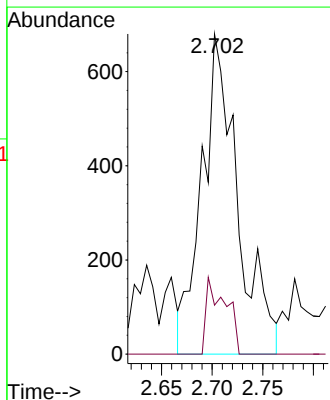
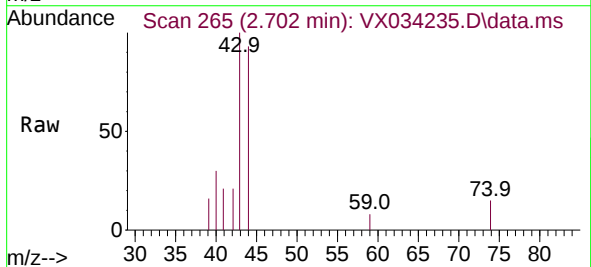
Manual Integrations
APPROVED

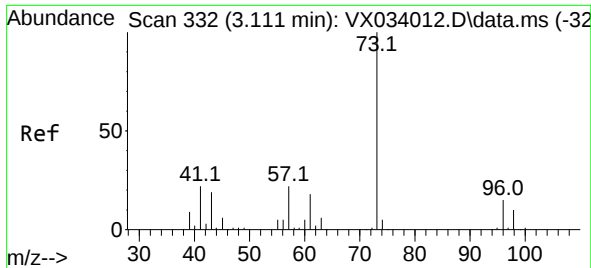
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#18
Methyl Acetate
Concen: 0.250 ug/l m
RT: 2.702 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Tgt Ion: 43 Resp: 1672
Ion Ratio Lower Upper
43 100
74 13.1 18.2 27.4#





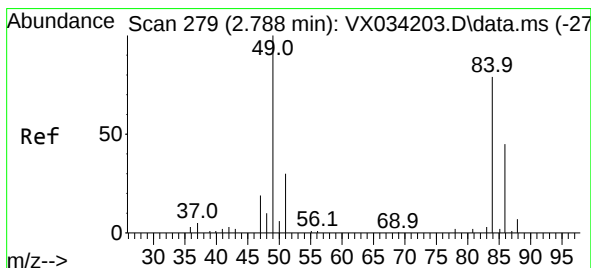
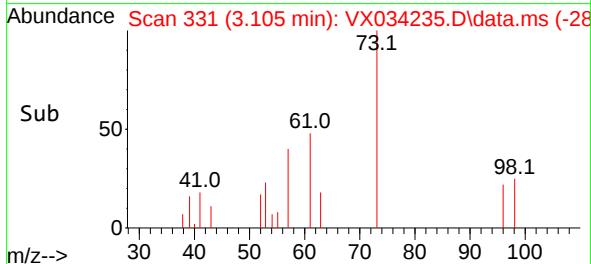
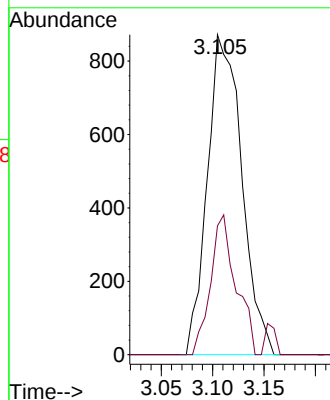
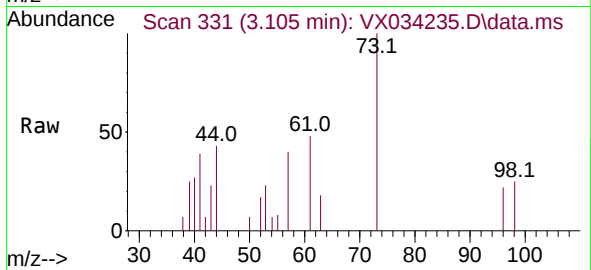
#19
Methyl tert-butyl Ether
Concen: 0.171 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Instrument : MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023 .2PPB

Tgt Ion: 73 Resp: 2030
Ion Ratio Lower Upper
73 100
57 40.3 17.4 26.0

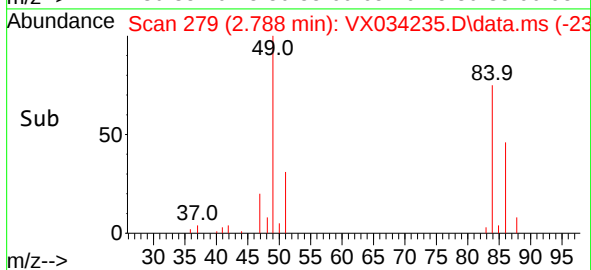
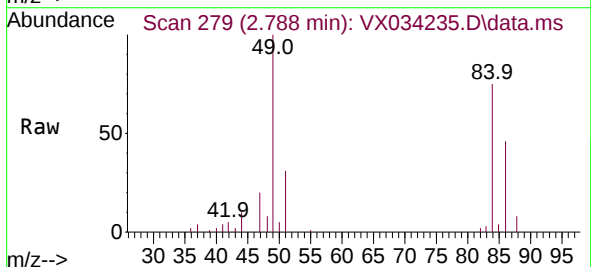
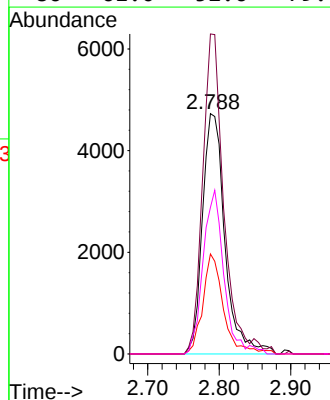
Manual Integrations
APPROVED

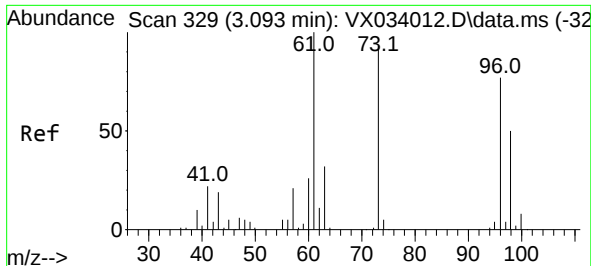
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#20
Methylene Chloride
Concen: 2.645 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

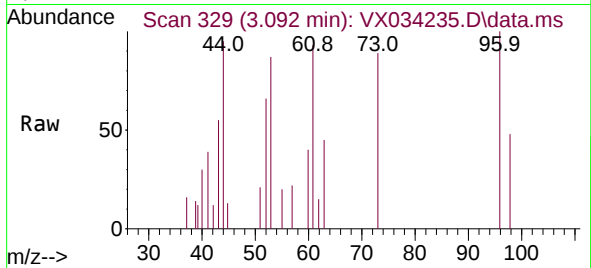
Tgt Ion: 84 Resp: 10316
Ion Ratio Lower Upper
84 100
49 133.2 101.1 151.7
51 41.6 31.0 46.6
86 61.0 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 0.244 ug/l
RT: 3.092 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

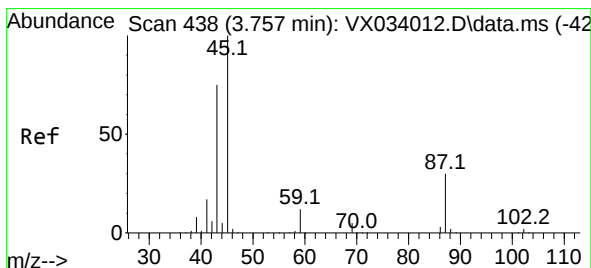
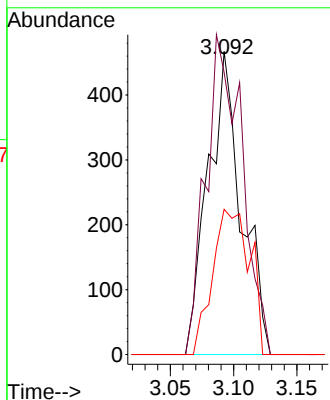
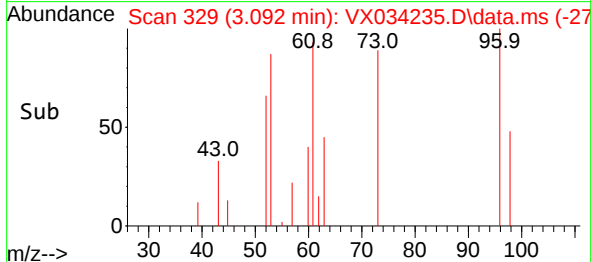
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023 .2PPB



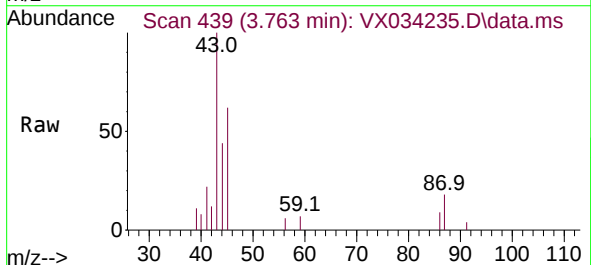
Tgt Ion: 96 Resp: 860
Ion Ratio Lower Upper
96 100
61 93.1 106.7 160.1
98 48.0 50.0 75.0

Manual Integrations
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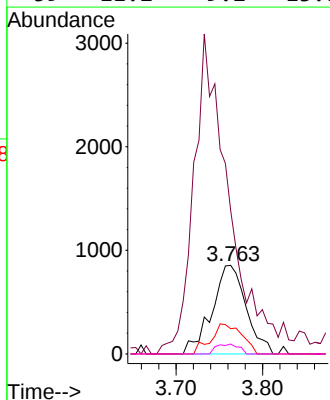
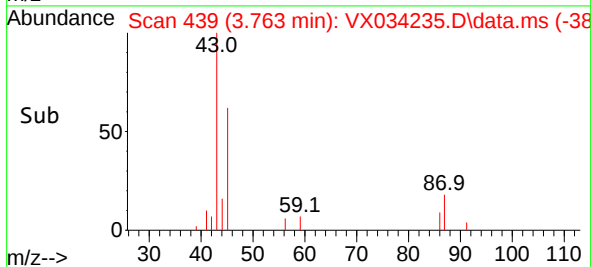
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#22
Diisopropyl ether
Concen: 0.187 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41



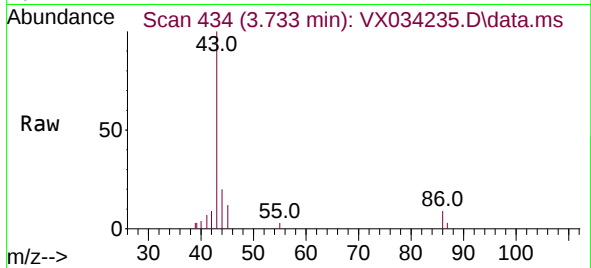
Tgt Ion: 45 Resp: 2346
Ion Ratio Lower Upper
45 100
43 142.9 64.6 97.0#
87 28.5 21.9 32.9
59 11.2 9.2 13.8





#23
 Vinyl Acetate
 Concen: 0.883 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.018 min
 Lab File: VX034235.D
 Acq: 22 Feb 2023 17:41

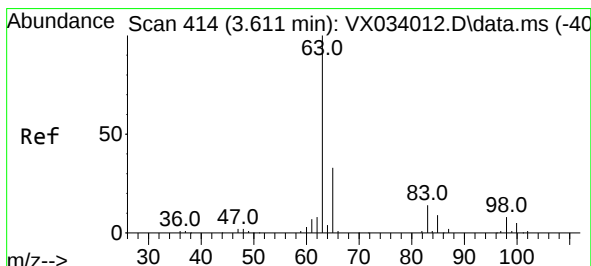
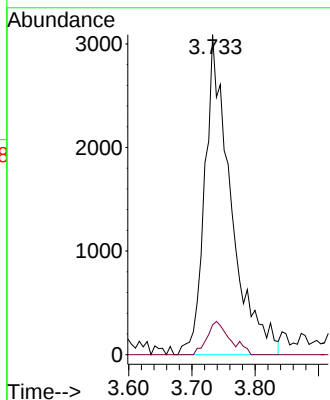
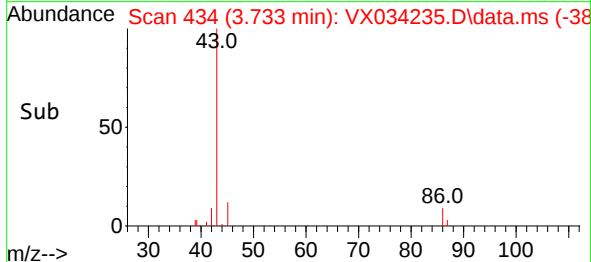
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2023 .2PPB



Tgt Ion: 43 Resp: 8870
 Ion Ratio Lower Upper
 43 100
 86 9.3 8.4 12.6

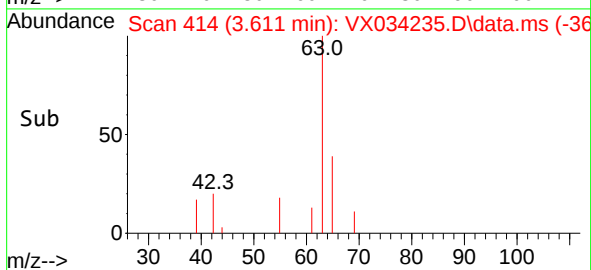
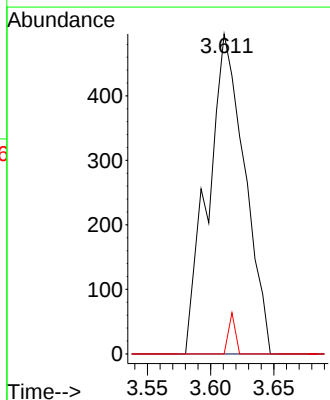
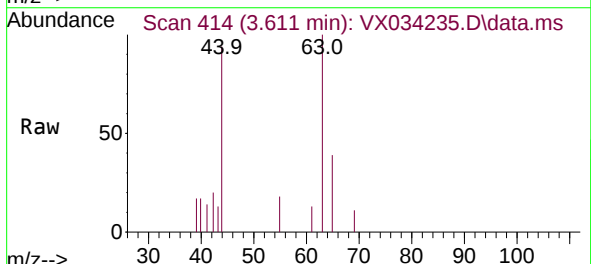
Manual Integrations
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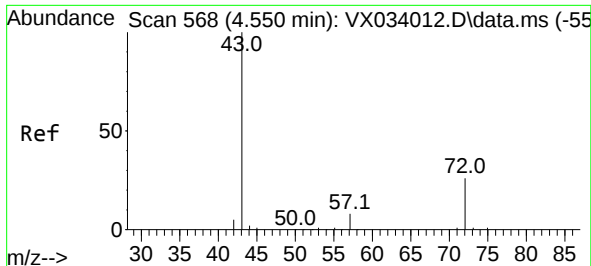
Reviewed By :John Carlone 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#24
 1,1-Dichloroethane
 Concen: 0.145 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034235.D
 Acq: 22 Feb 2023 17:41

Tgt Ion: 63 Resp: 999
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.8 11.2#
 100 0.0 2.4 7.2#





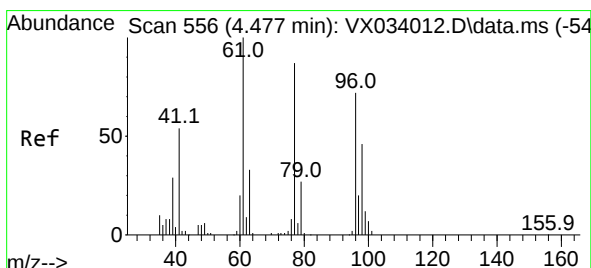
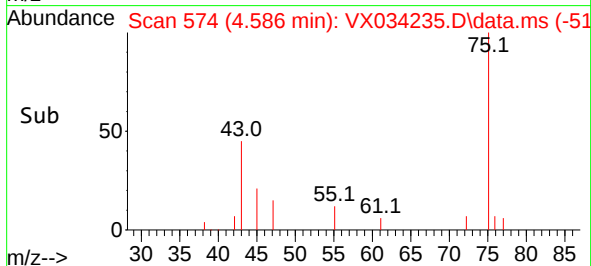
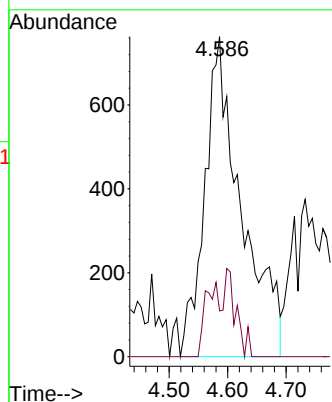
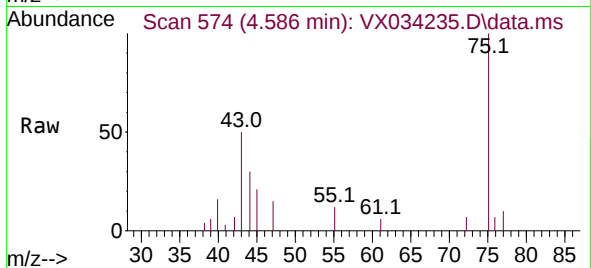
#25
2-Butanone
Concen: 1.058 ug/l m
RT: 4.586 min Scan# 511
Delta R.T. 0.042 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023 .2PPB

Tgt Ion: 43 Resp: 331
Ion Ratio Lower Upper
43 100
72 14.3 19.4 29.2

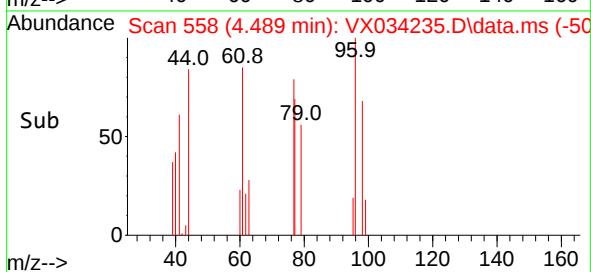
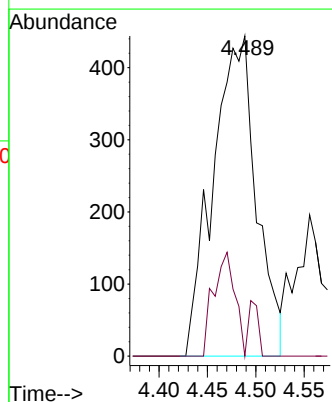
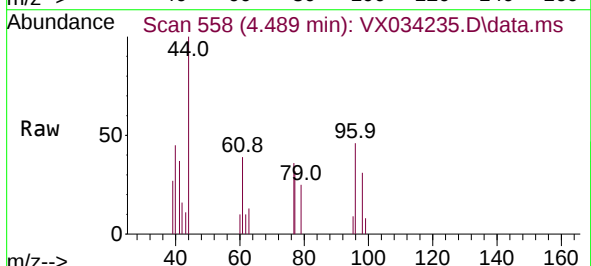
Manual Integrations
APPROVED

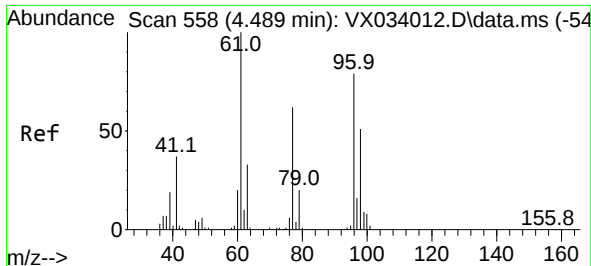
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#26
2,2-Dichloropropane
Concen: 0.222 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.018 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Tgt Ion: 77 Resp: 1386
Ion Ratio Lower Upper
77 100
97 3.9 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 0.156 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX034235.D

Acq: 22 Feb 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023 .2PPB

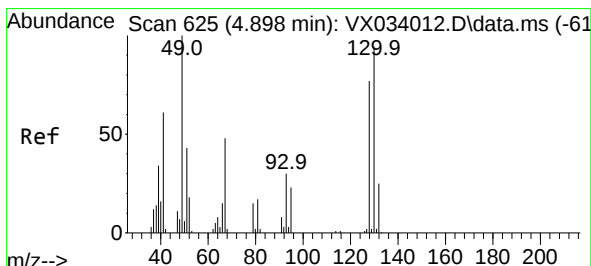
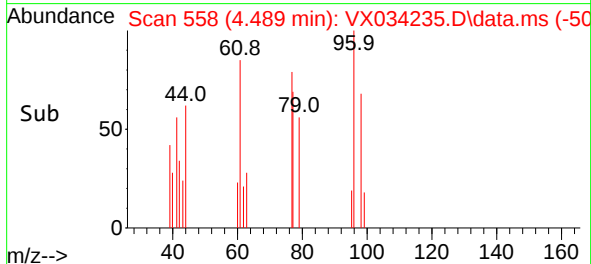
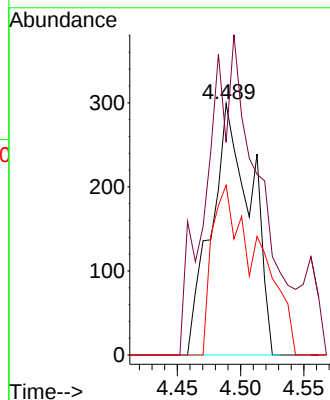
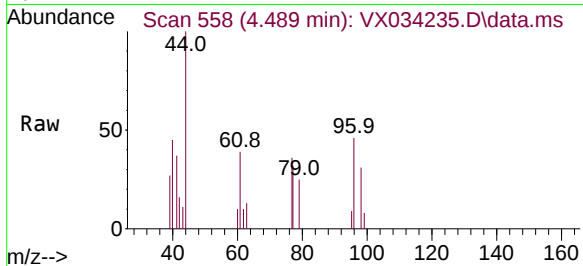
Tgt Ion: 96	Resp: 65
Ion Ratio	Lower Upper
96 100	
61 166.6	0.0 277.6
98 79.0	0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#28

Bromochloromethane

Concen: 0.138 ug/l

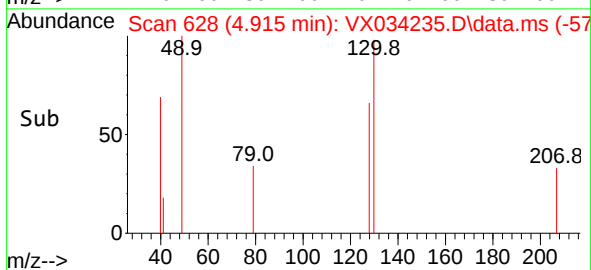
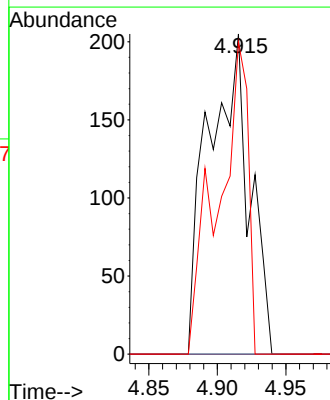
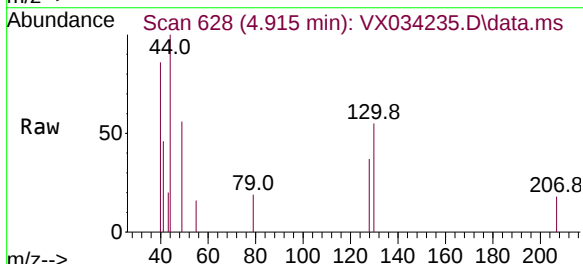
RT: 4.915 min Scan# 628

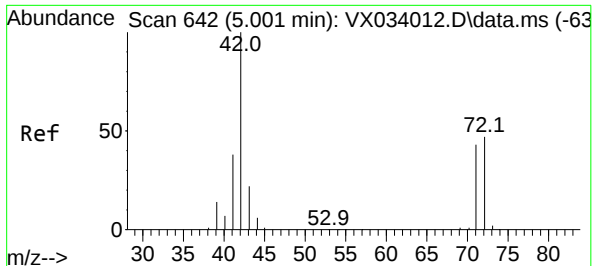
Delta R.T. 0.024 min

Lab File: VX034235.D

Acq: 22 Feb 2023 17:41

Tgt Ion: 49	Resp: 425
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 4.6
130 72.0	68.5 102.7





#29

Tetrahydrofuran

Concen: 1.133 ug/l m

RT: 5.019 min Scan# 642

Delta R.T. 0.024 min

Lab File: VX034235.D

Acq: 22 Feb 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023 .2PPB

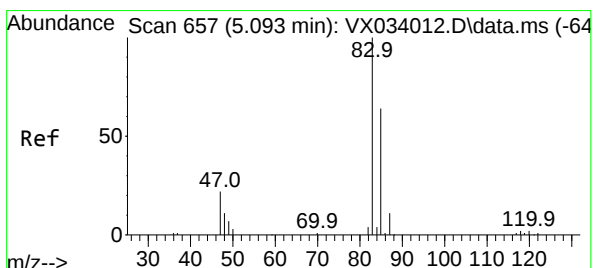
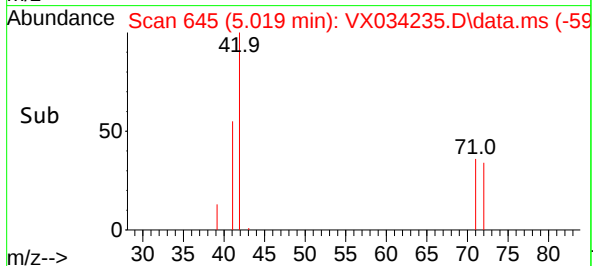
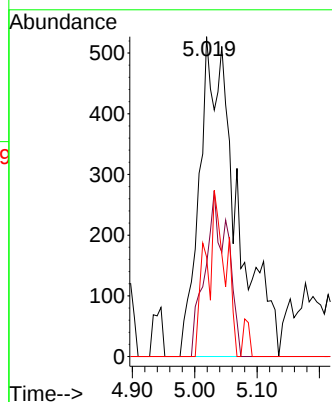
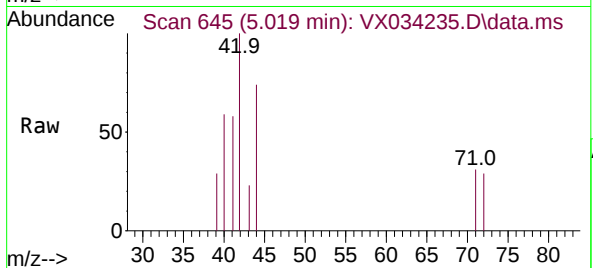
Tgt Ion:	42	Resp:	2164
Ion	Ratio	Lower	Upper
42	100		
72	21.9	34.8	52.2
71	27.0	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#30

Chloroform

Concen: 0.200 ug/l

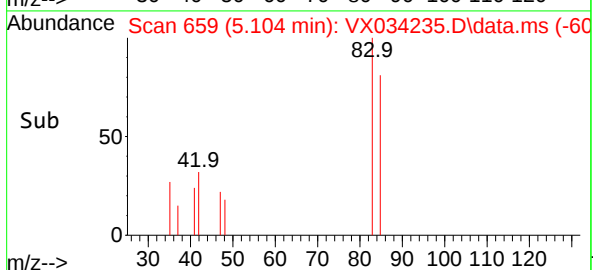
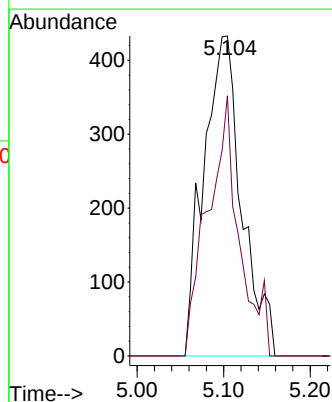
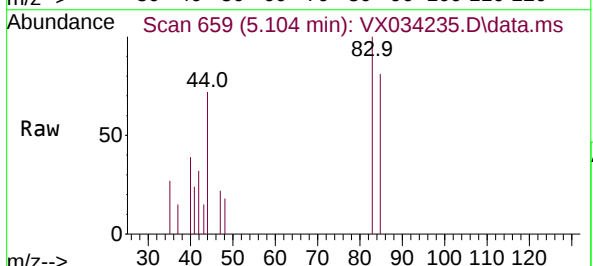
RT: 5.104 min Scan# 659

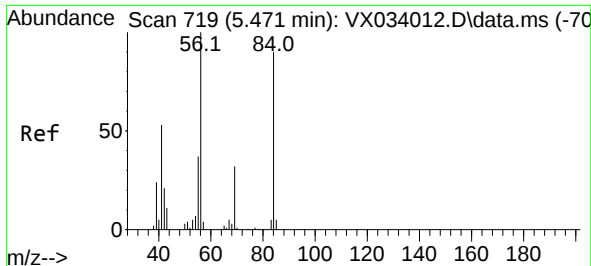
Delta R.T. 0.012 min

Lab File: VX034235.D

Acq: 22 Feb 2023 17:41

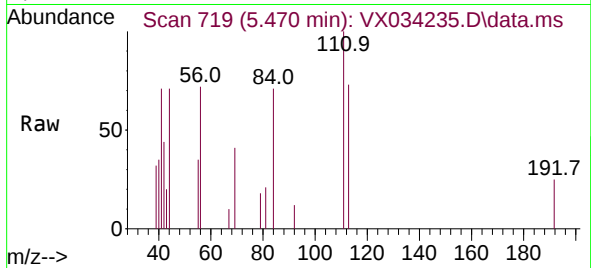
Tgt Ion:	83	Resp:	1322
Ion	Ratio	Lower	Upper
83	100		
85	81.3	52.1	78.1





#31
Cyclohexane
Concen: 0.195 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

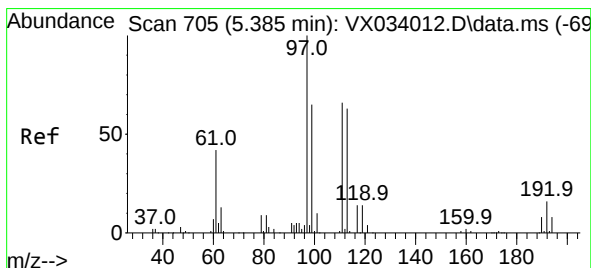
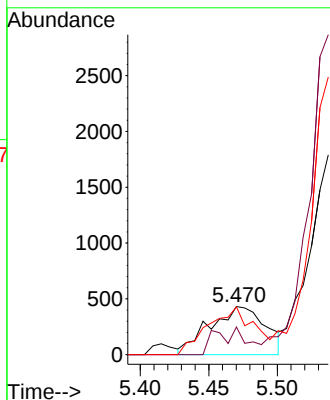
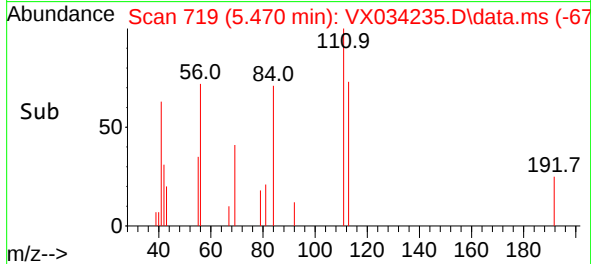
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023 .2PPB



Tgt Ion: 56 Resp: 1220
Ion Ratio Lower Upper
56 100
69 64.9 24.6 37.0
84 112.0 71.0 106.6

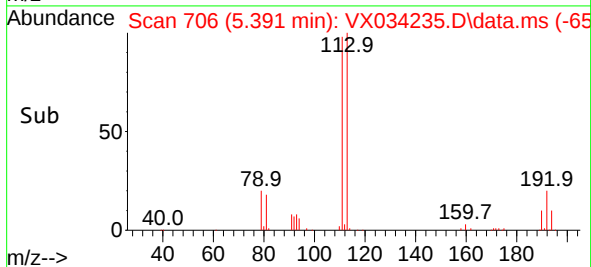
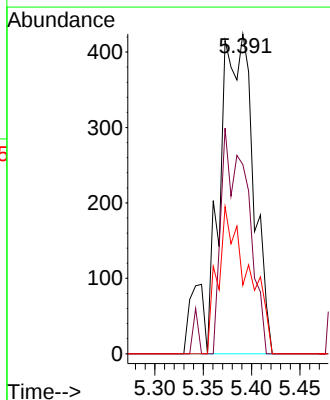
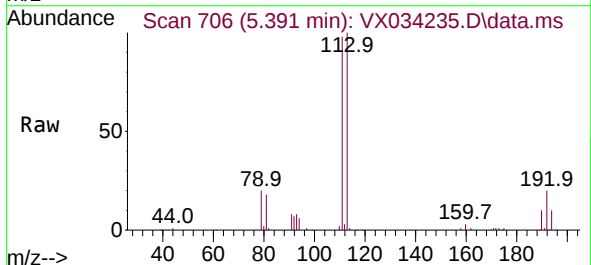
Manual Integrations
APPROVED

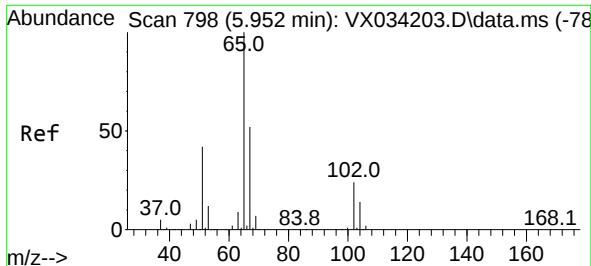
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#32
1,1,1-Trichloroethane
Concen: 0.183 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Tgt Ion: 97 Resp: 1085
Ion Ratio Lower Upper
97 100
99 0.0 52.3 78.5
61 39.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 44.084 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034235.D

Acq: 22 Feb 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023 .2PPB

Tgt Ion: 65 Resp: 18496

Ion Ratio Lower Upper

65 100

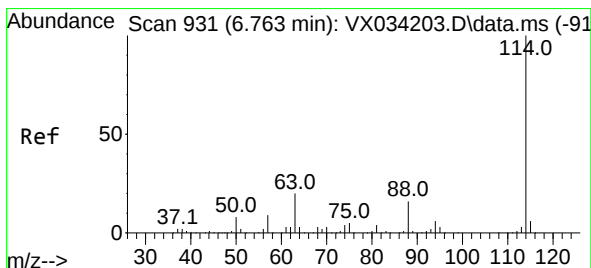
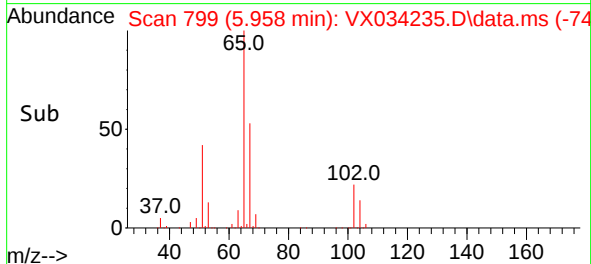
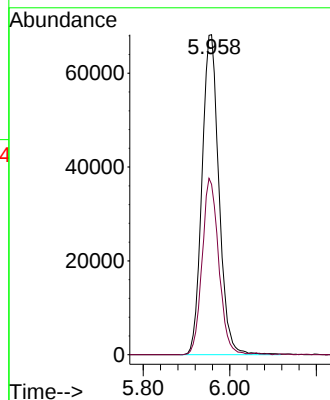
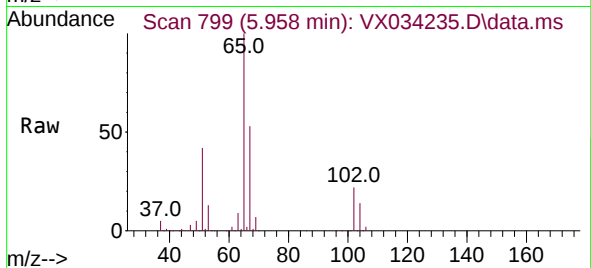
67 54.0 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034235.D

Acq: 22 Feb 2023 17:41

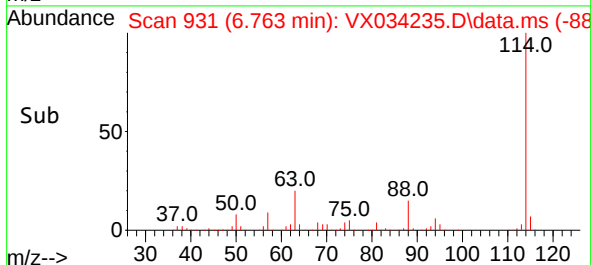
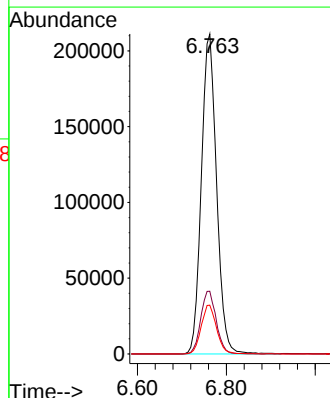
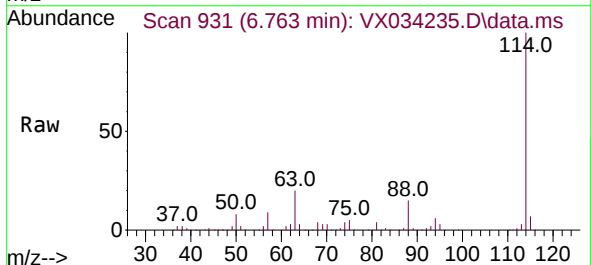
Tgt Ion:114 Resp: 503433

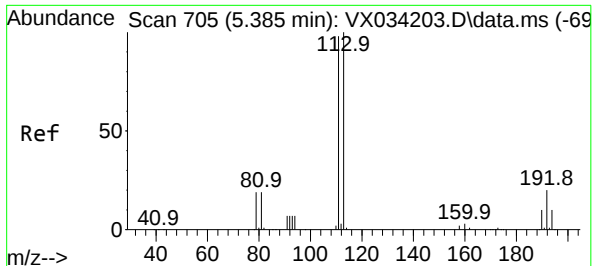
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

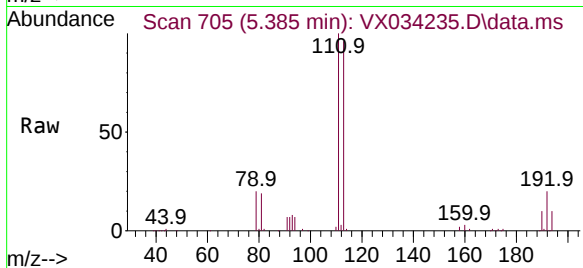
88 15.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 48.664 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

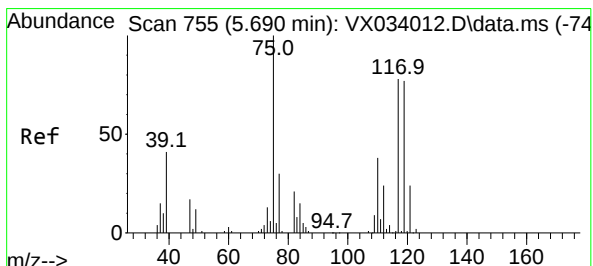
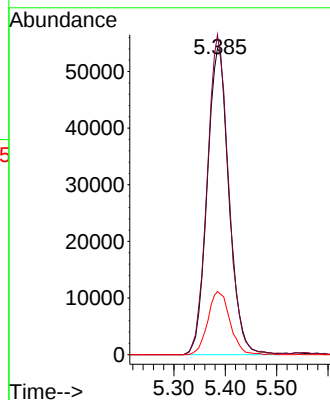
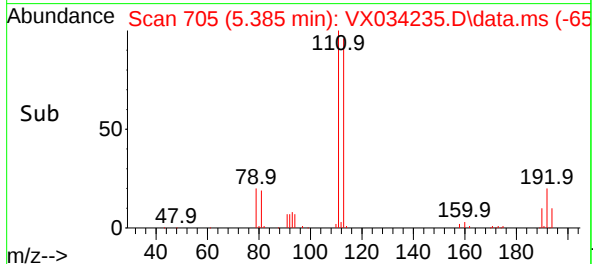
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2023 .2PPB



Tgt Ion:113 Resp: 159512
Ion Ratio Lower Upper
113 100
111 102.6 83.0 124.6
192 20.9 19.0 28.4

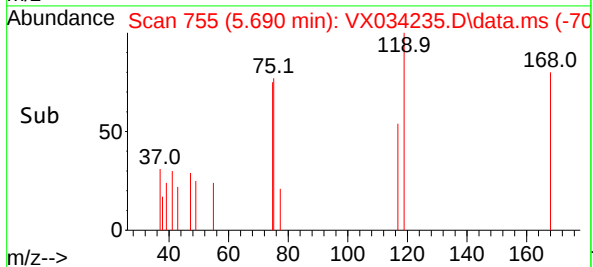
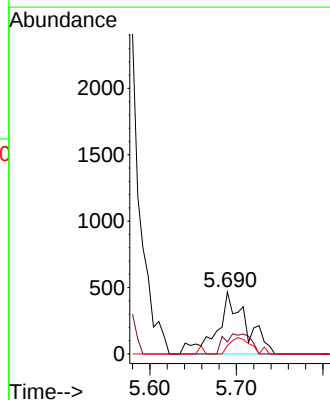
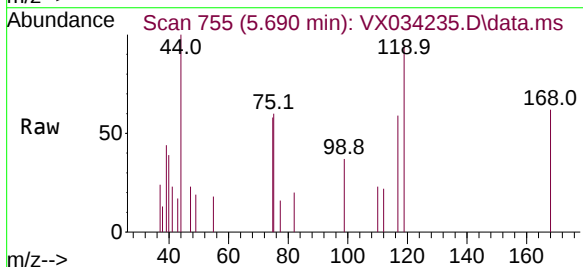
Manual Integrations
APPROVED

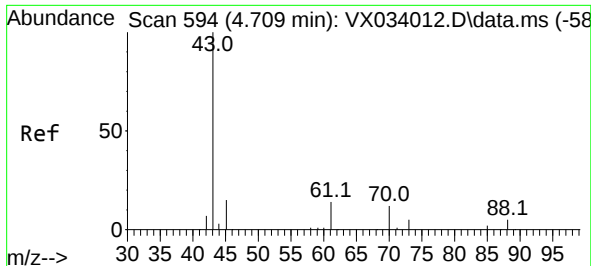
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#36
1,1-Dichloropropene
Concen: 0.225 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Tgt Ion: 75 Resp: 1093
Ion Ratio Lower Upper
75 100
110 29.6 18.8 56.4
77 19.8 25.1 37.7#





#37

Ethyl Acetate

Concen: 0.395 ug/l m

RT: 4.732 min Scan# 594

Delta R.T. 0.024 min

Lab File: VX034235.D

Acq: 22 Feb 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023 .2PPB

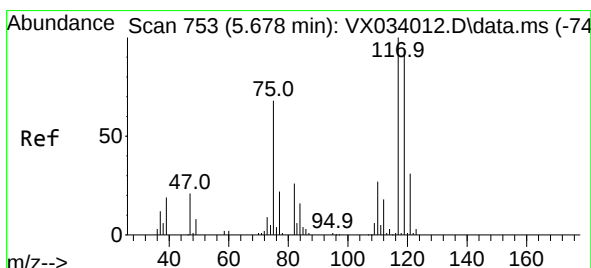
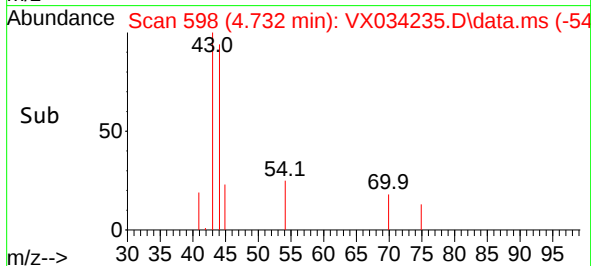
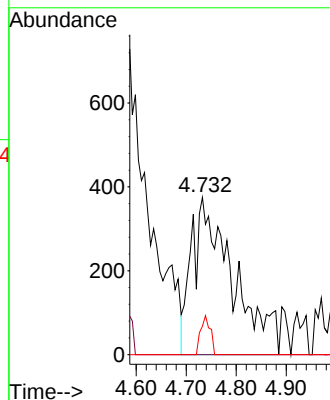
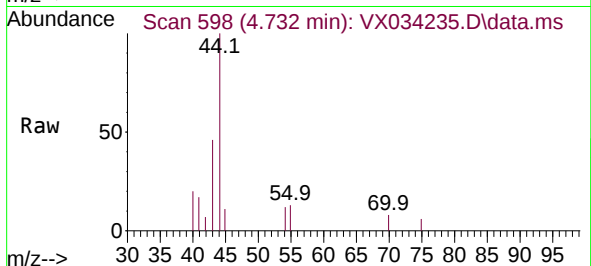
Tgt Ion: 43	Resp: 214
Ion Ratio	Lower Upper
43 100	
61 0.0	11.1 16.7
70 0.0	8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#38

Carbon Tetrachloride

Concen: 0.193 ug/l

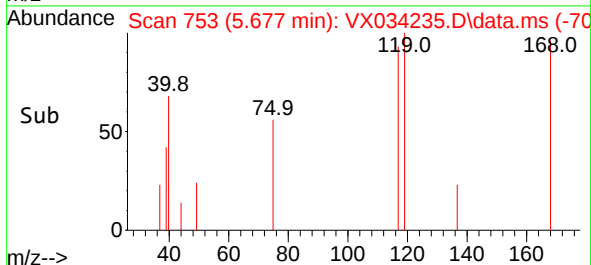
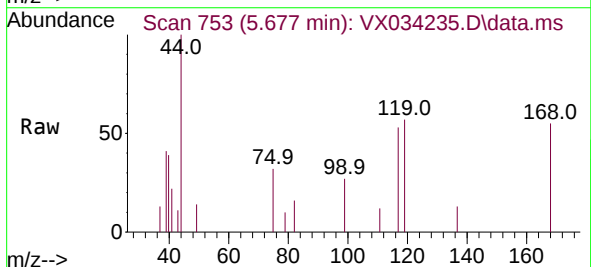
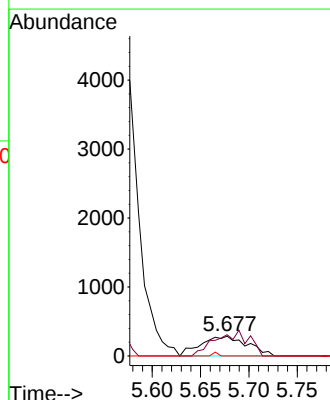
RT: 5.677 min Scan# 753

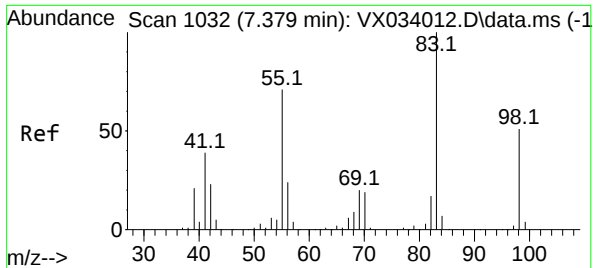
Delta R.T. 0.006 min

Lab File: VX034235.D

Acq: 22 Feb 2023 17:41

Tgt Ion: 117	Resp: 962
Ion Ratio	Lower Upper
117 100	
119 107.7	78.0 117.0
121 0.0	24.4 36.6





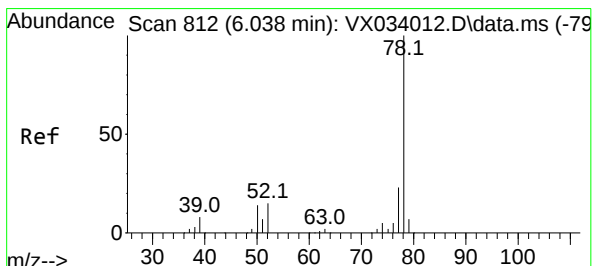
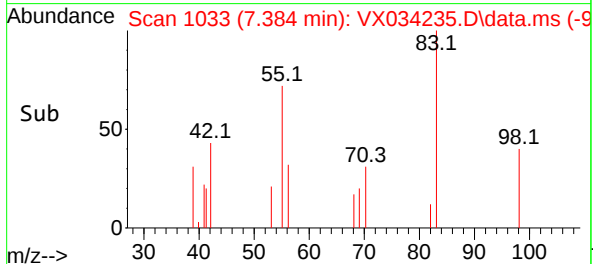
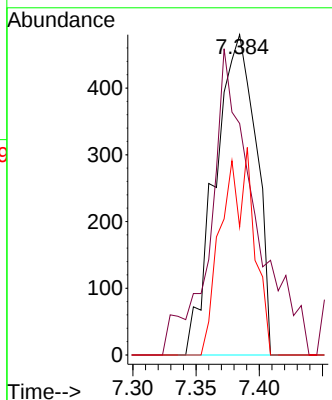
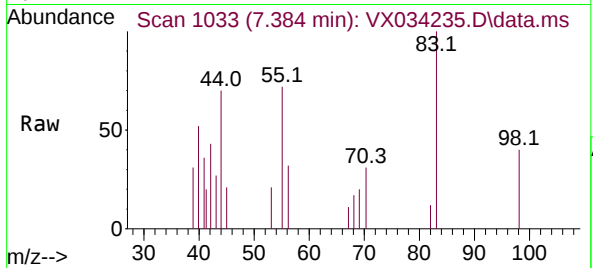
#39
Methylcyclohexane
Concen: 0.173 ug/l
RT: 7.384 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023 .2PPB

Tgt Ion: 83 Resp: 1079
Ion Ratio Lower Upper
83 100
55 60.2 61.8 92.6
98 40.0 39.3 58.9

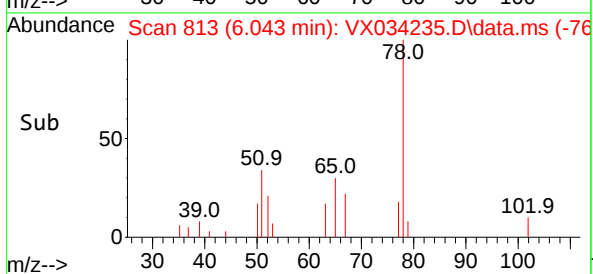
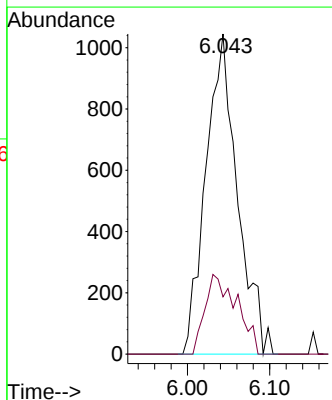
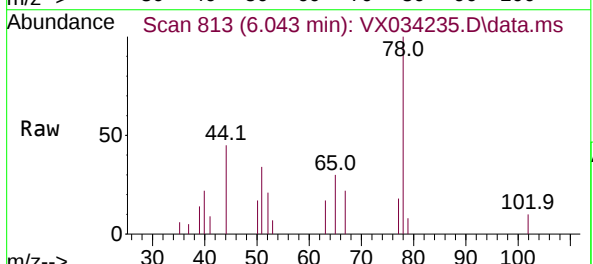
Manual Integrations
APPROVED

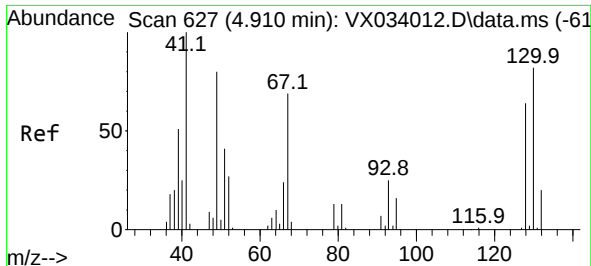
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#40
Benzene
Concen: 0.194 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

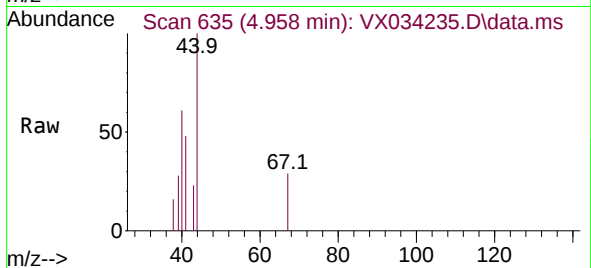
Tgt Ion: 78 Resp: 2790
Ion Ratio Lower Upper
78 100
77 17.9 19.0 28.4#





#41
Methacrylonitrile
Concen: 0.246 ug/l m
RT: 4.958 min Scan# 61
Delta R.T. 0.042 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

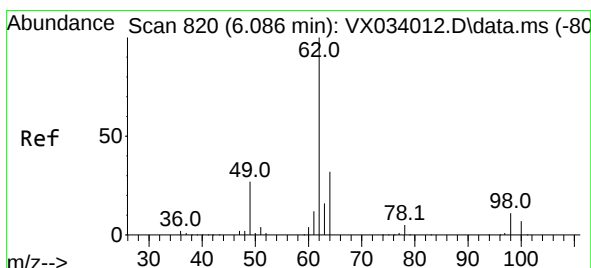
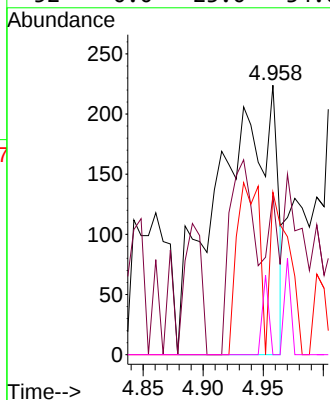
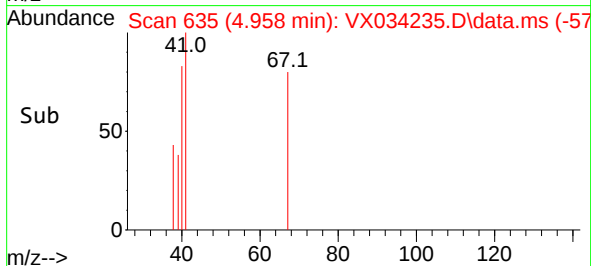
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023 .2PPB



Tgt Ion: 41 Resp: 742
Ion Ratio Lower Upper
41 100
39 30.9 43.8 65.6
67 24.9 54.8 82.2
52 0.0 23.0 34.6

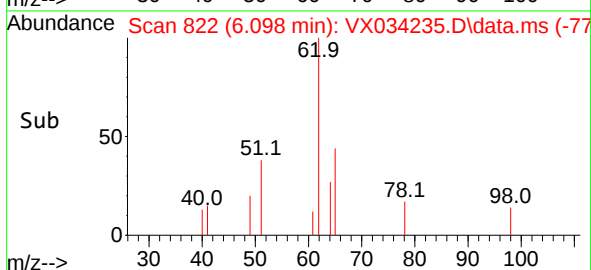
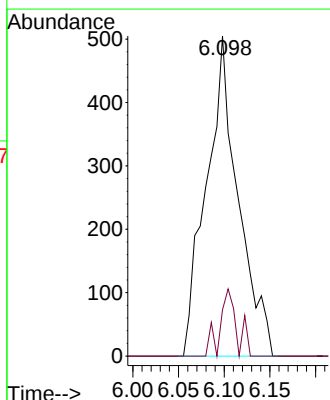
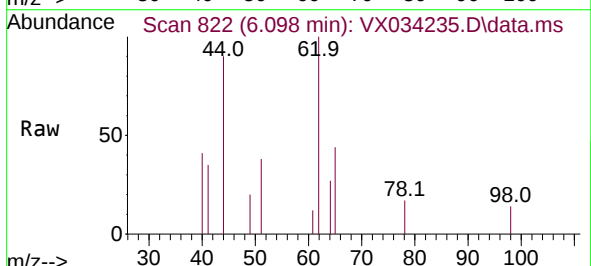
Manual Integrations
APPROVED

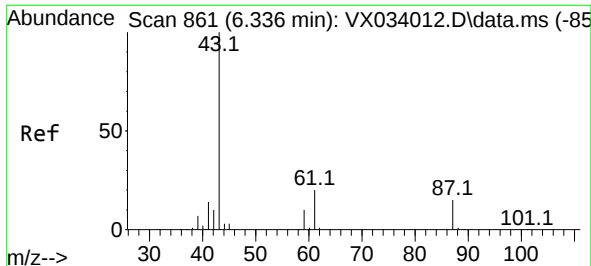
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#42
1,2-Dichloroethane
Concen: 0.242 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.012 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

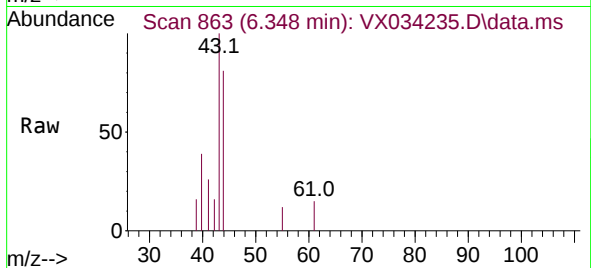
Tgt Ion: 62 Resp: 1222
Ion Ratio Lower Upper
62 100
98 11.1 0.0 20.2





#43
Isopropyl Acetate
Concen: 0.242 ug/l m
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

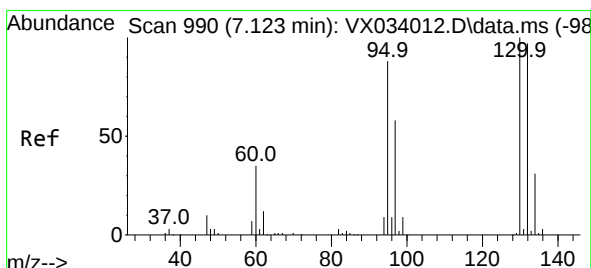
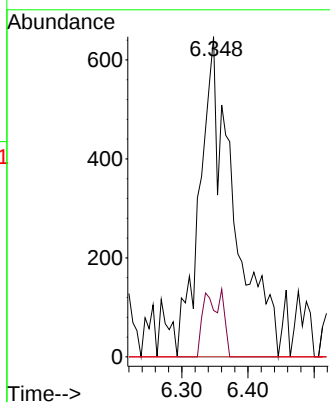
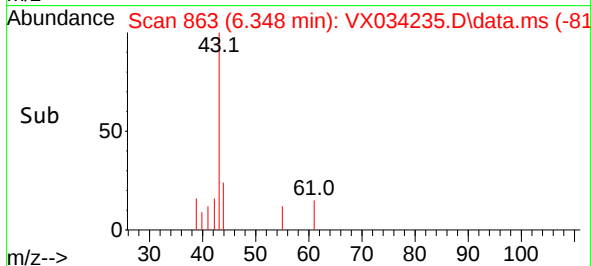
Instrument : MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023 .2PPB



Tgt Ion: 43 Resp: 2310
Ion Ratio Lower Upper
43 100
61 11.3 15.7 23.5
87 0.0 10.6 15.8

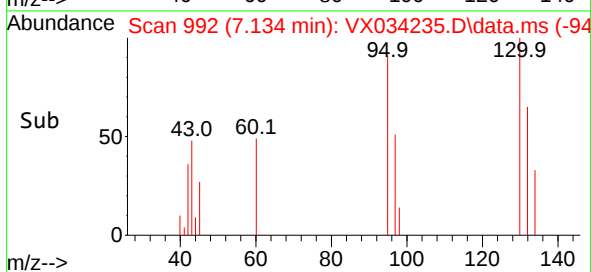
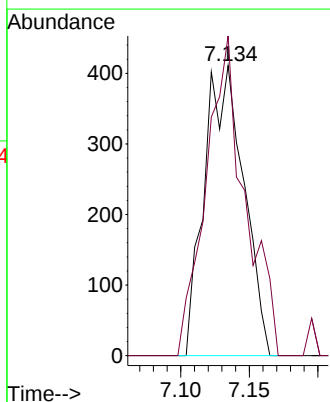
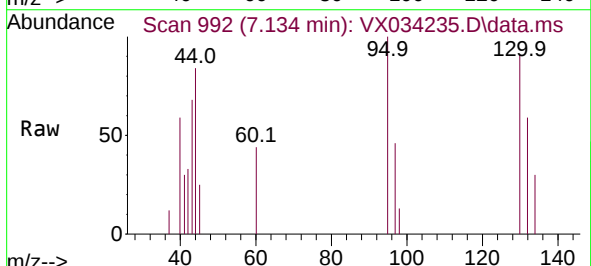
Manual Integrations
APPROVED

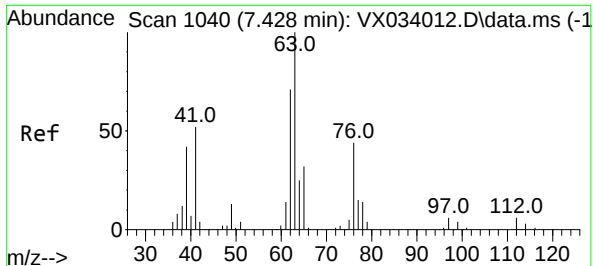
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#44
Trichloroethene
Concen: 0.223 ug/l
RT: 7.134 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Tgt Ion:130 Resp: 823
Ion Ratio Lower Upper
130 100
95 110.2 0.0 182.6





#45

1,2-Dichloropropane

Concen: 0.197 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX034235.D

Acq: 22 Feb 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023 .2PPB

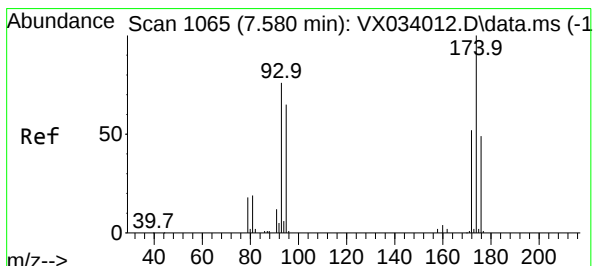
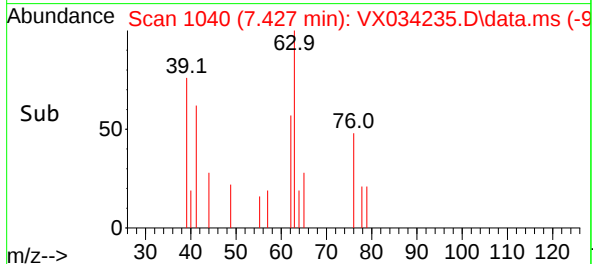
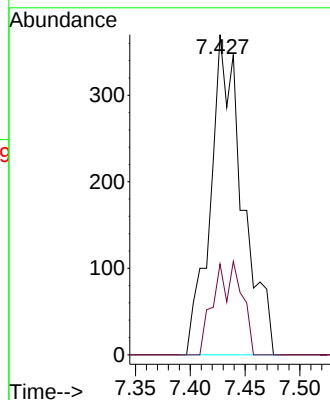
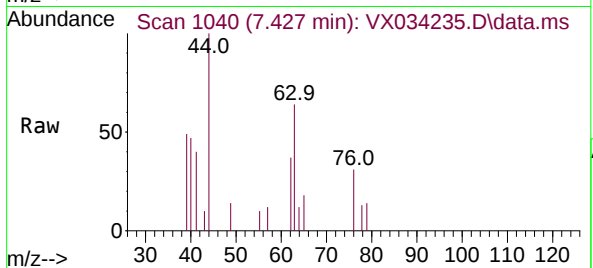
Tgt Ion: 63 Resp: 75
 Ion Ratio Lower Upper
 63 100
 65 28.4 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#46

Dibromomethane

Concen: 0.213 ug/l

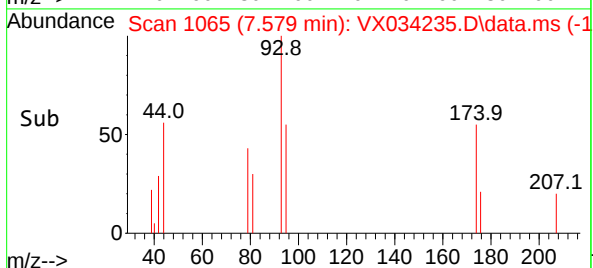
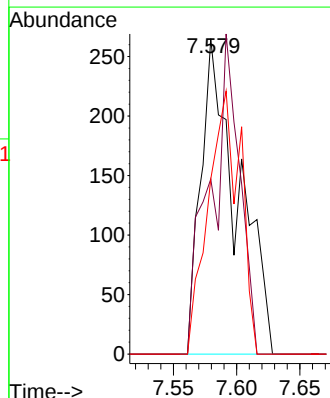
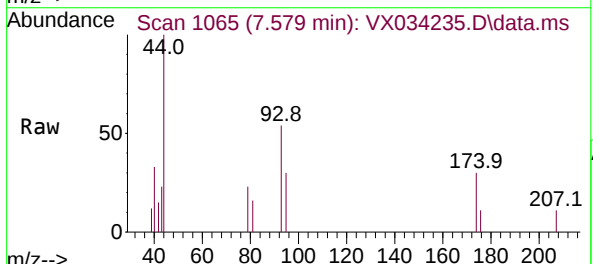
RT: 7.579 min Scan# 1065

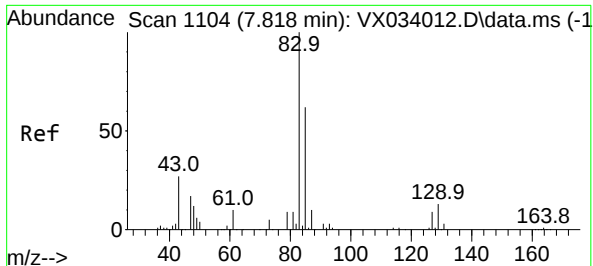
Delta R.T. -0.000 min

Lab File: VX034235.D

Acq: 22 Feb 2023 17:41

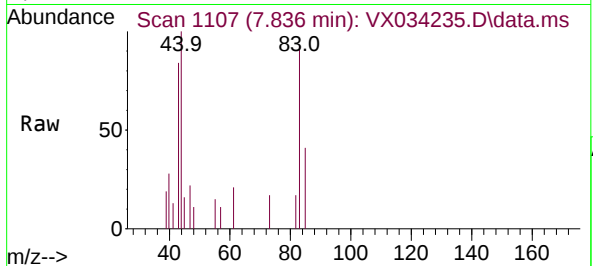
Tgt Ion: 93 Resp: 535
 Ion Ratio Lower Upper
 93 100
 95 80.2 67.6 101.4
 174 73.3 97.4 146.0#





#47
Bromodichloromethane
Concen: 0.169 ug/l
RT: 7.836 min Scan# 1107
Delta R.T. 0.018 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

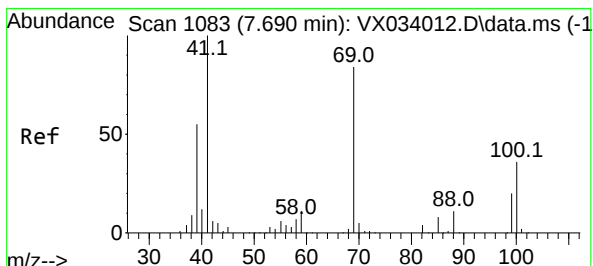
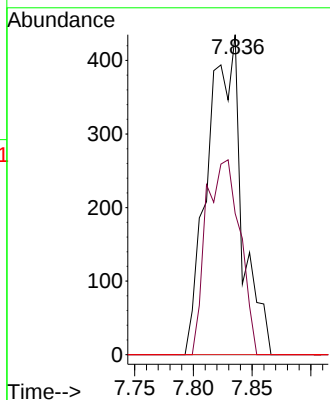
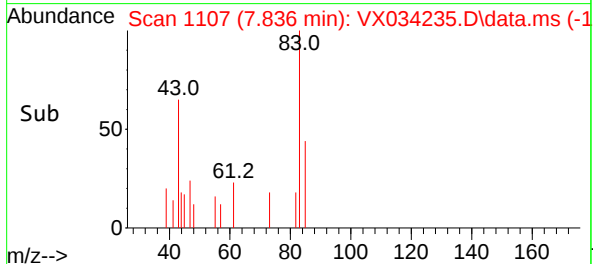
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2023 .2PPB



Tgt Ion: 83 Resp: 874
Ion Ratio Lower Upper
83 100
85 44.1 49.8 74.6
127 0.0 7.0 10.4

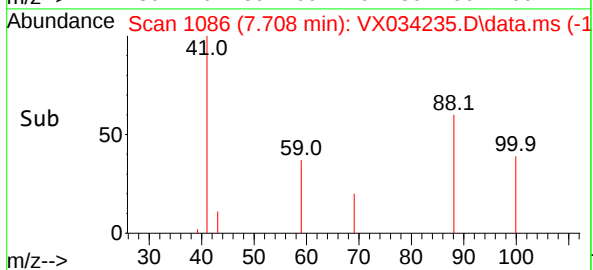
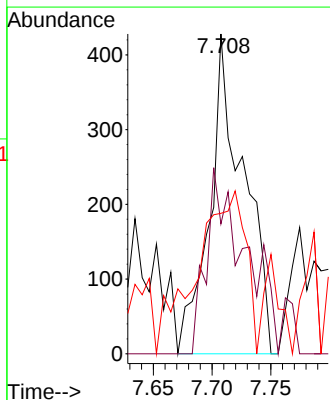
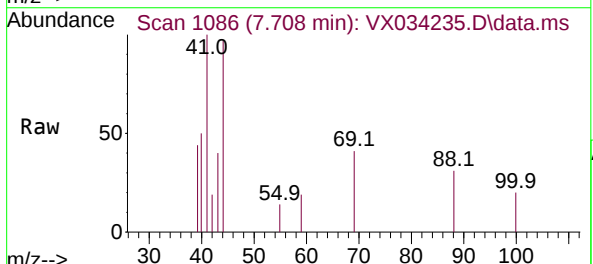
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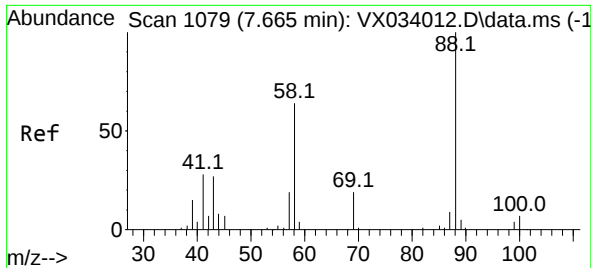
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#48
Methyl methacrylate
Concen: 0.190 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.018 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Tgt Ion: 41 Resp: 861
Ion Ratio Lower Upper
41 100
69 66.4 63.1 94.7
39 74.2 43.2 64.8





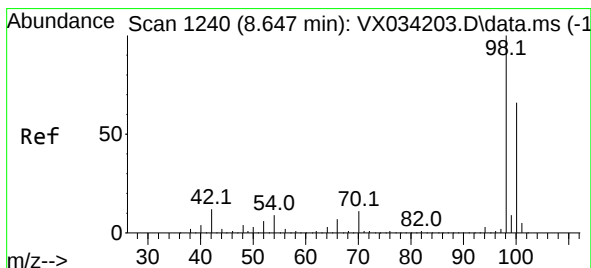
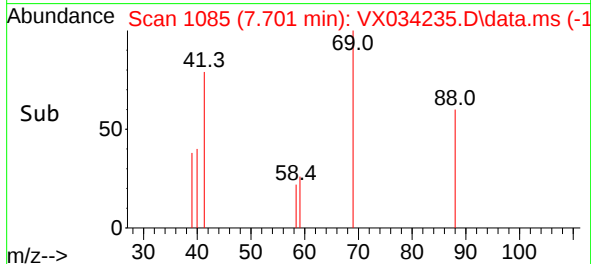
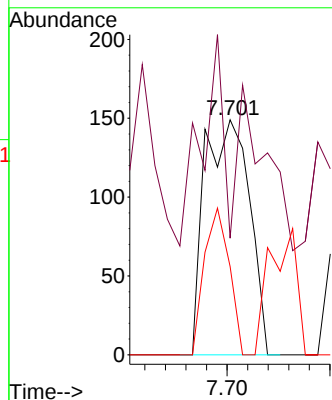
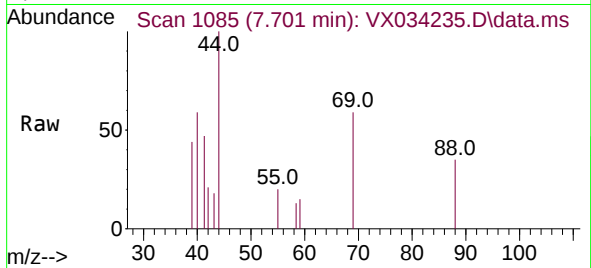
#49
1,4-Dioxane
Concen: 2.486 ug/l
RT: 7.701 min Scan# 1085
Delta R.T. 0.049 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2023 .2PPB

Tgt Ion: 88 Resp: 225
Ion Ratio Lower Upper
88 100
43 52.0 0.0 0.0
58 34.7 56.5 84.7

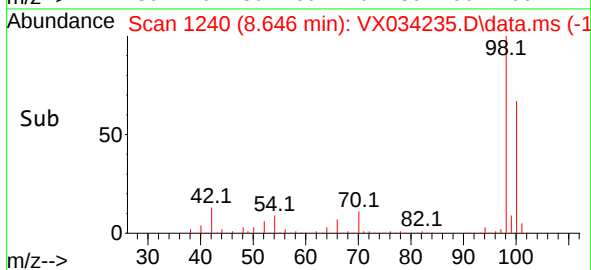
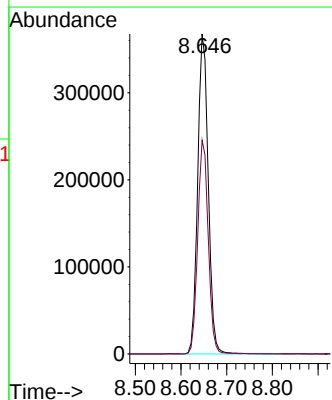
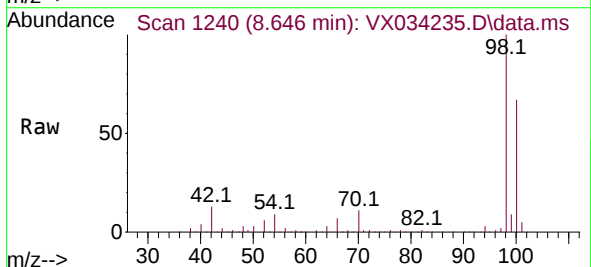
Manual Integrations
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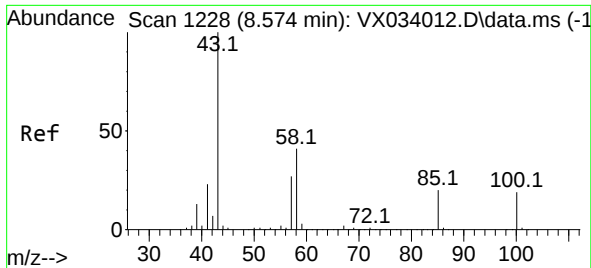
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#50
Toluene-d8
Concen: 49.988 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Tgt Ion: 98 Resp: 588288
Ion Ratio Lower Upper
98 100
100 66.7 53.6 80.4





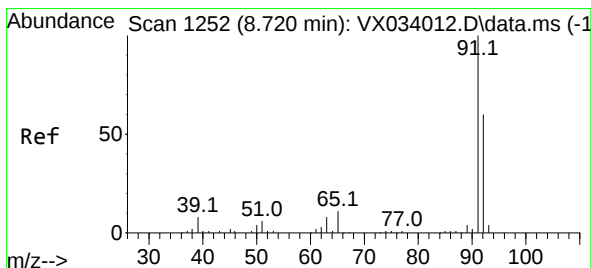
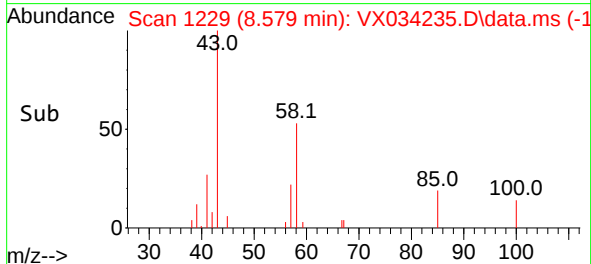
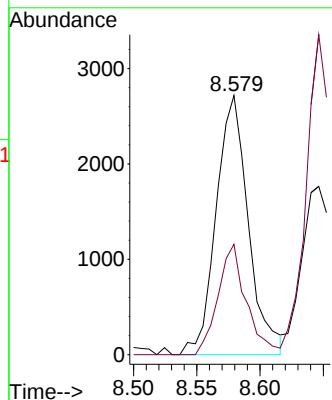
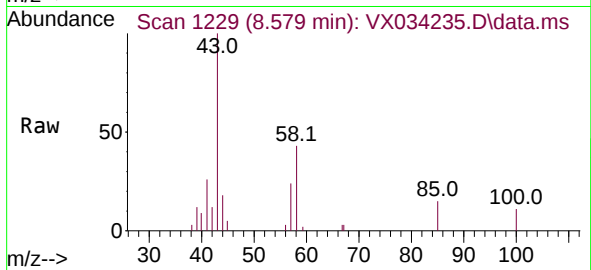
#51
4-Methyl-2-Pentanone
Concen: 0.915 ug/l
RT: 8.579 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Instrument : MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023 .2PPB

Tgt Ion: 43 Resp: 4814
Ion Ratio Lower Upper
43 100
58 37.4 31.2 46.8

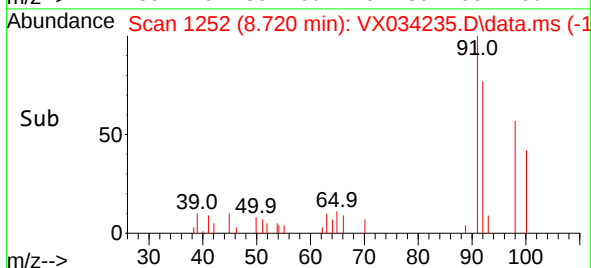
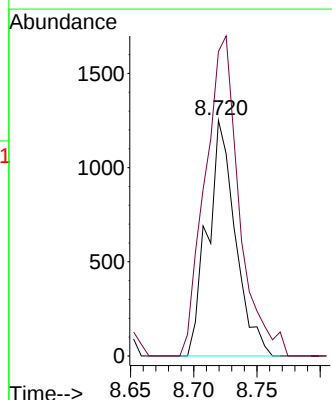
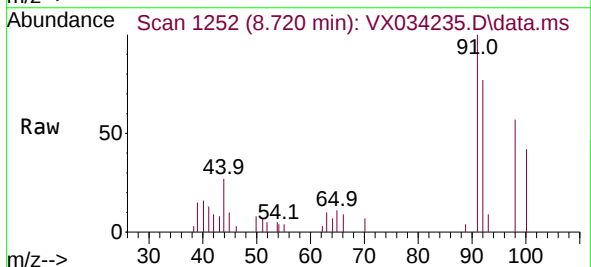
Manual Integrations
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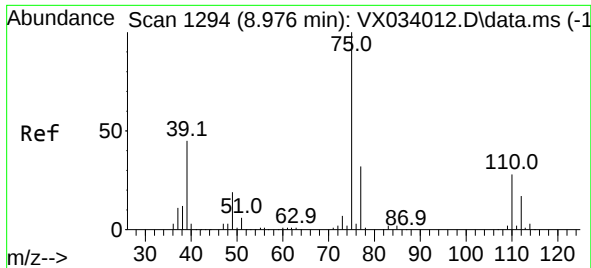
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#52
Toluene
Concen: 0.220 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

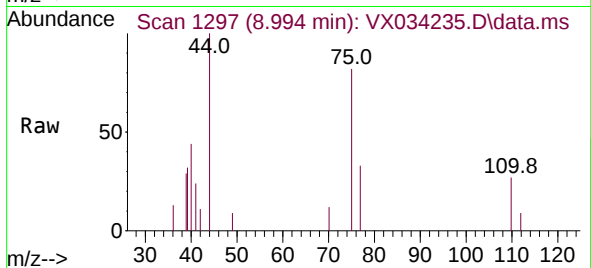
Tgt Ion: 92 Resp: 1917
Ion Ratio Lower Upper
92 100
91 166.6 135.5 203.3





#53
 t-1,3-Dichloropropene
 Concen: 0.138 ug/l
 RT: 8.994 min Scan# 1294
 Delta R.T. 0.018 min
 Lab File: VX034235.D
 Acq: 22 Feb 2023 17:41

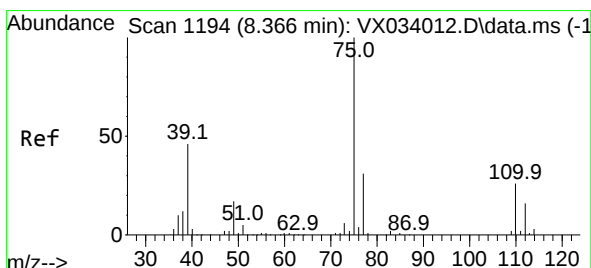
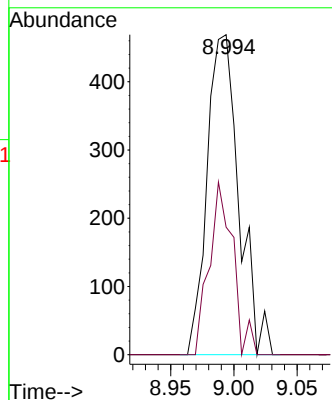
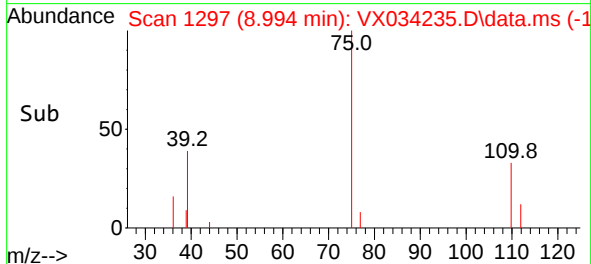
Instrument : MSVOA_X
 ClientSampleId : MDL-WATER-03-QT1-2023 .2PPB



Tgt Ion: 75 Resp: 82
 Ion Ratio Lower Upper
 75 100
 77 39.9 25.5 38.3

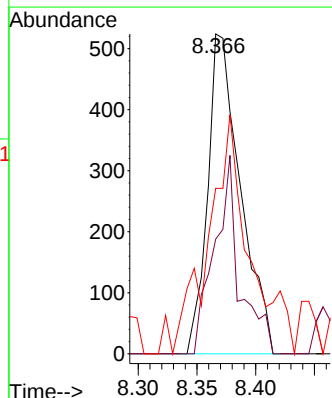
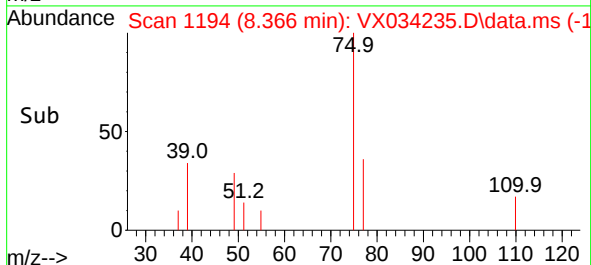
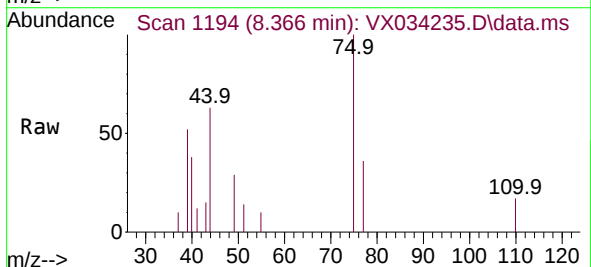
Manual Integrations
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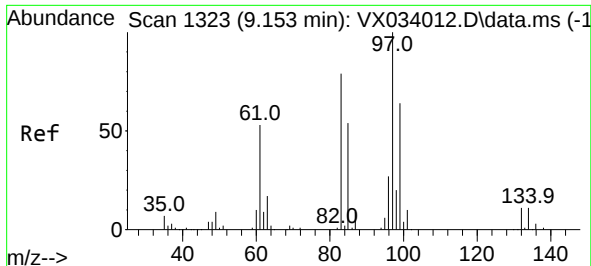
Reviewed By :John Carlone 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#54
 cis-1,3-Dichloropropene
 Concen: 0.160 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX034235.D
 Acq: 22 Feb 2023 17:41

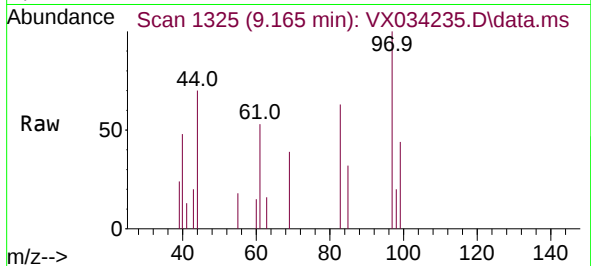
Tgt Ion: 75 Resp: 1018
 Ion Ratio Lower Upper
 75 100
 77 35.9 25.0 37.6
 39 41.4 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 0.205 ug/l
RT: 9.165 min Scan# 1319
Delta R.T. 0.012 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Instrument : MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023 .2PPB

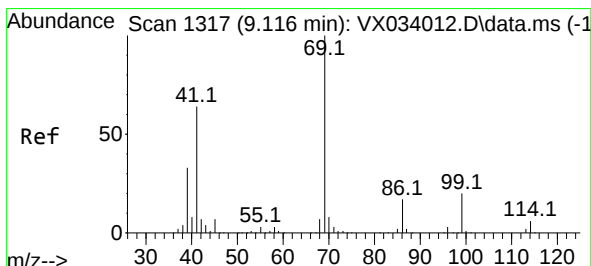
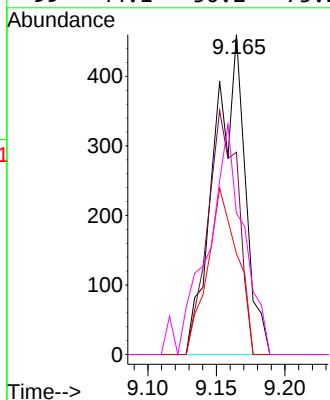
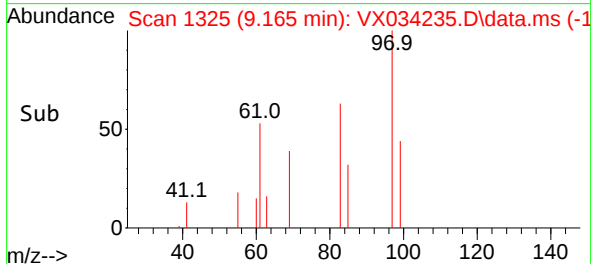


Tgt Ion: 97 Resp: 720

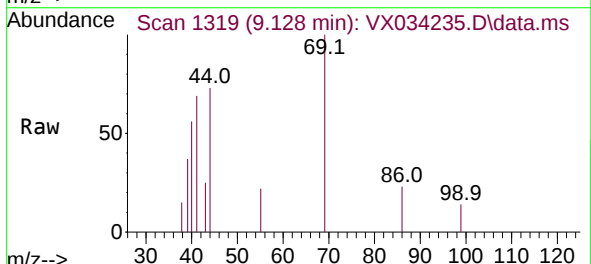
Ion	Ratio	Lower	Upper
97	100		
83	63.3	67.4	101.0
85	31.5	43.2	64.8
99	44.1	50.2	75.2

Manual Integrations
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Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

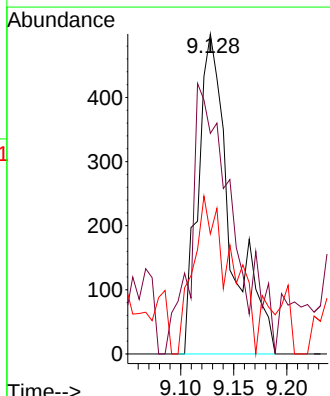
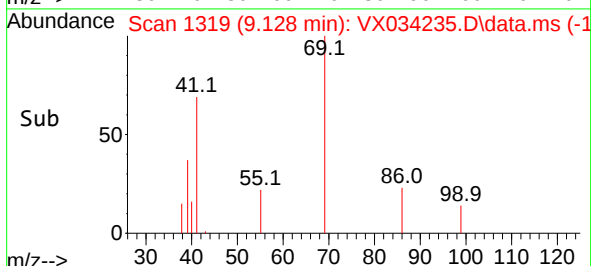


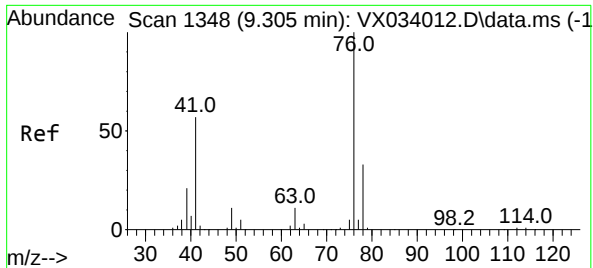
#56
Ethyl methacrylate
Concen: 0.176 ug/l m
RT: 9.128 min Scan# 1319
Delta R.T. 0.012 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41



Tgt Ion: 69 Resp: 1049

Ion	Ratio	Lower	Upper
69	100		
41	96.4	55.1	82.7
39	58.6	28.5	42.7





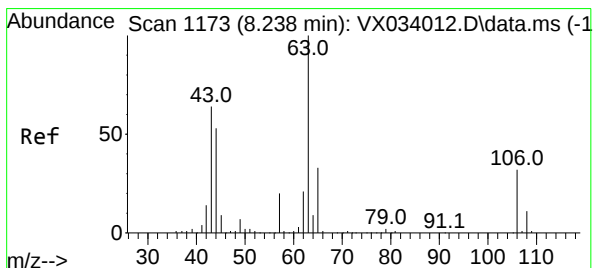
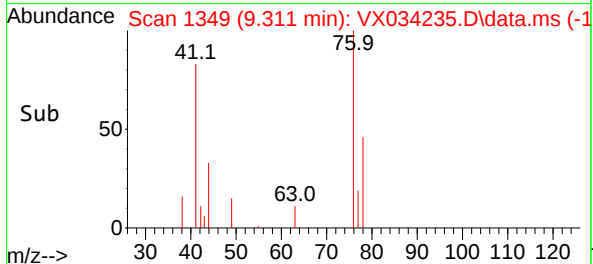
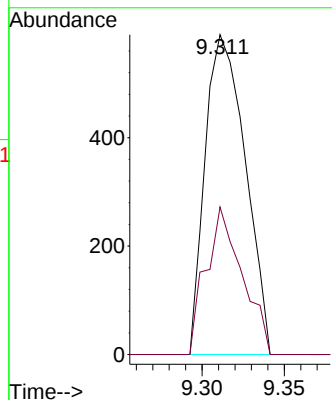
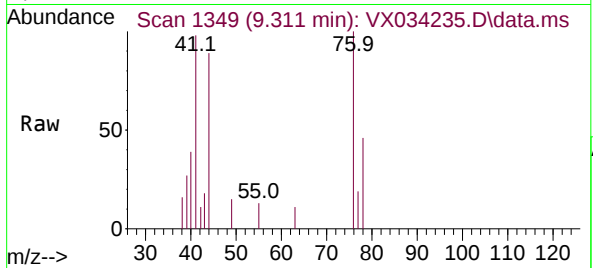
#57
1,3-Dichloropropane
Concen: 0.163 ug/l
RT: 9.311 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023 .2PPB

Tgt Ion: 76 Resp: 999
Ion Ratio Lower Upper
76 100
78 41.7 25.6 38.4

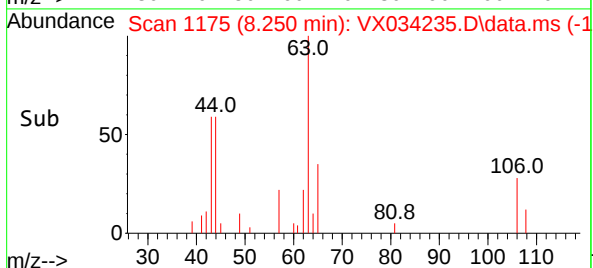
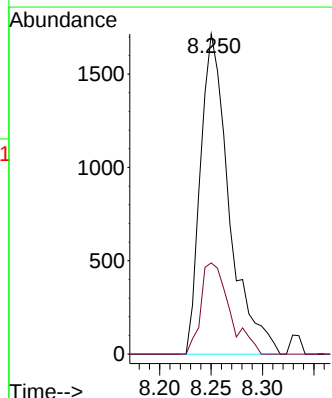
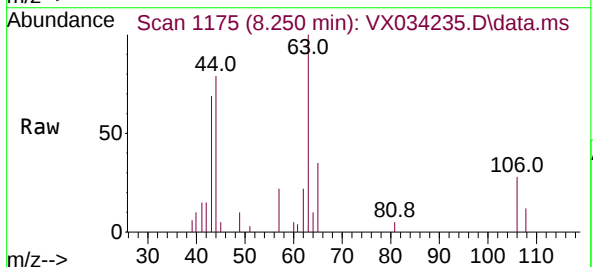
Manual Integrations
APPROVED

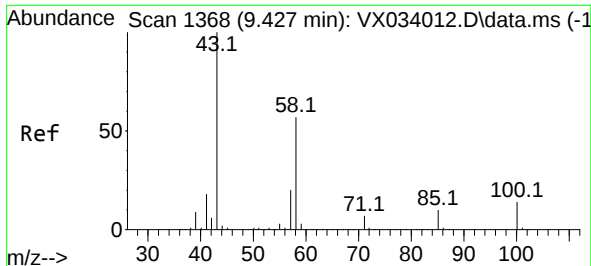
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#58
2-Chloroethyl Vinyl ether
Concen: 1.297 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.012 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Tgt Ion: 63 Resp: 3340
Ion Ratio Lower Upper
63 100
106 28.4 24.5 36.7





#59

2-Hexanone

Concen: 0.885 ug/l

RT: 9.445 min Scan# 1371

Delta R.T. 0.018 min

Lab File: VX034235.D

Acq: 22 Feb 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023 .2PPB

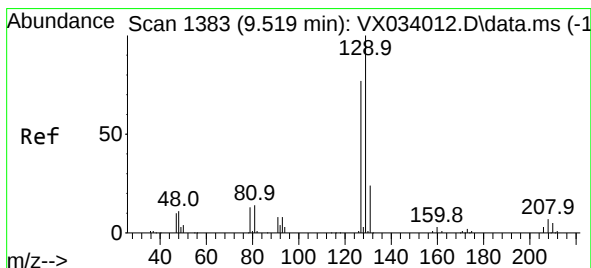
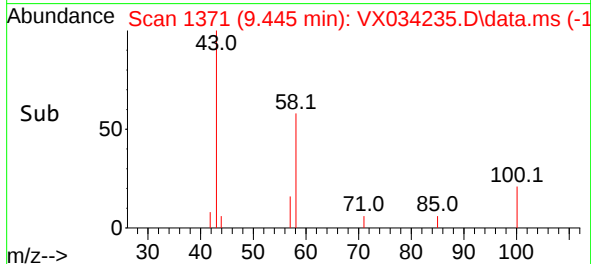
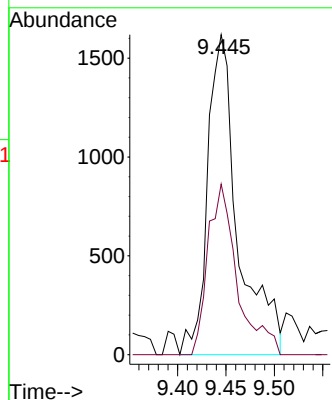
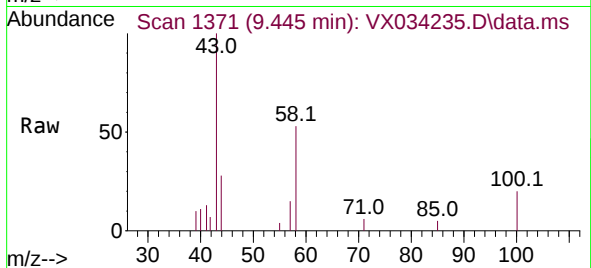
Tgt Ion: 43 Resp: 3548
 Ion Ratio Lower Upper
 43 100
 58 51.1 27.4 82.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#60

Dibromochloromethane

Concen: 0.156 ug/l

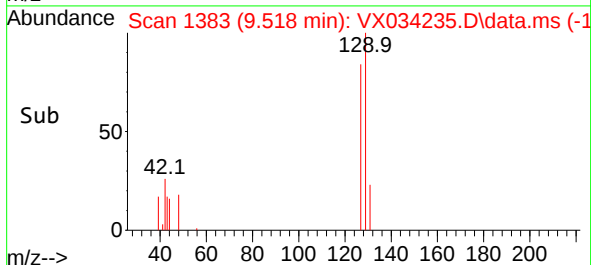
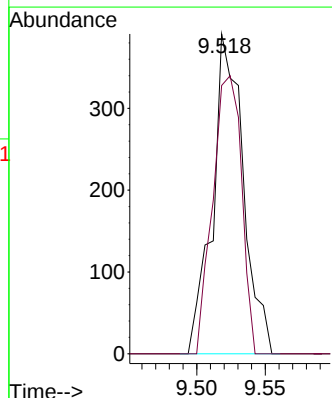
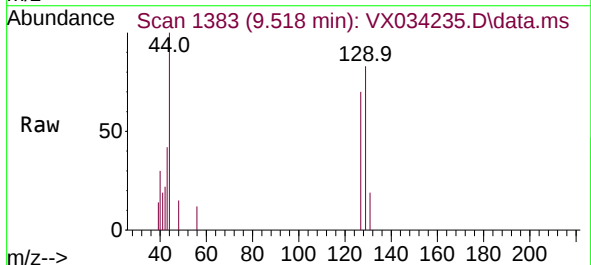
RT: 9.518 min Scan# 1383

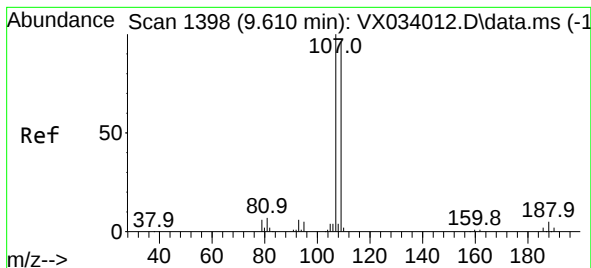
Delta R.T. -0.000 min

Lab File: VX034235.D

Acq: 22 Feb 2023 17:41

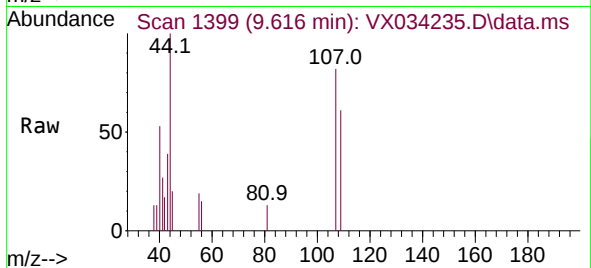
Tgt Ion:129 Resp: 606
 Ion Ratio Lower Upper
 129 100
 127 81.7 38.8 116.3





#61
1,2-Dibromoethane
Concen: 0.170 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

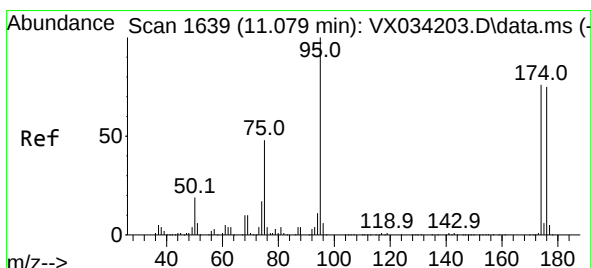
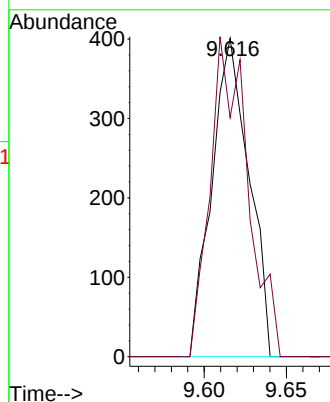
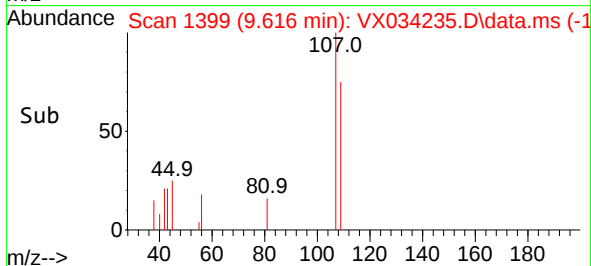
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023 .2PPB



Tgt Ion:107 Resp: 630
Ion Ratio Lower Upper
107 100
109 101.7 74.2 111.2

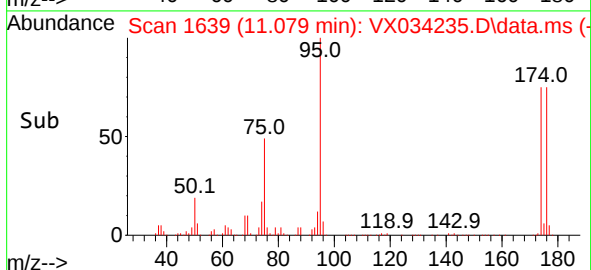
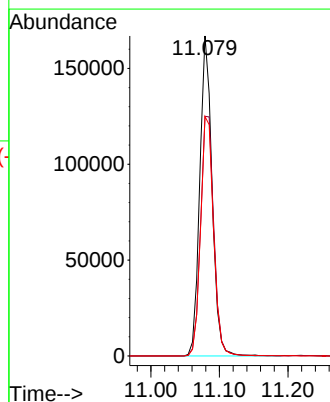
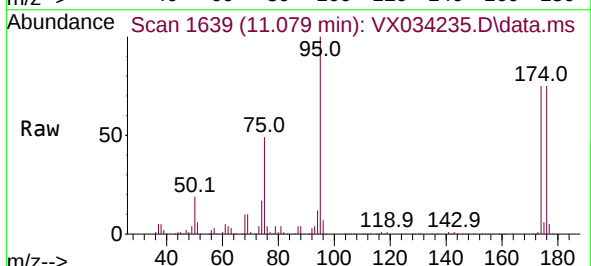
Manual Integrations
APPROVED

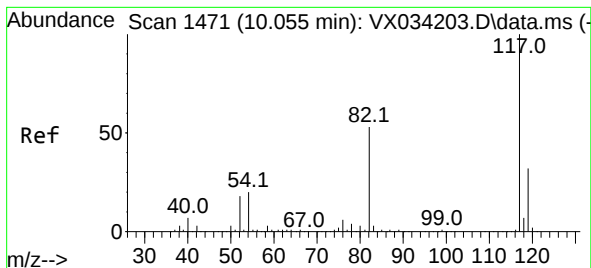
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#62
4-Bromofluorobenzene
Concen: 46.339 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

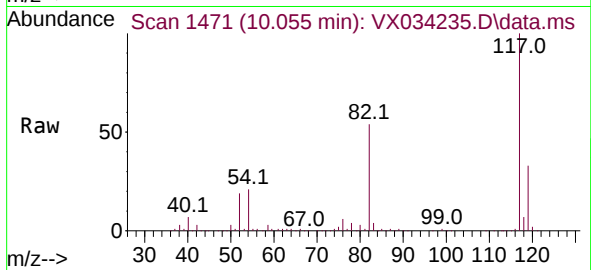
Tgt Ion: 95 Resp: 208598
Ion Ratio Lower Upper
95 100
174 80.9 0.0 184.4
176 79.1 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

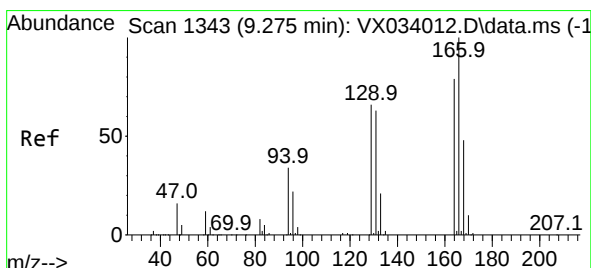
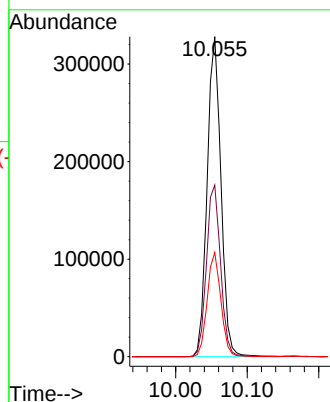
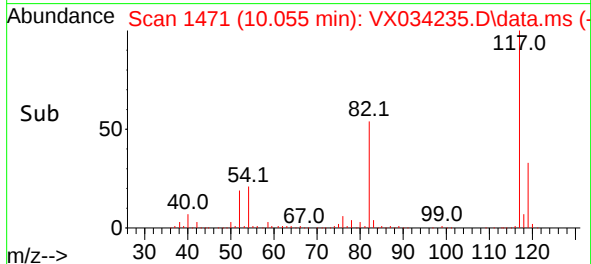
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2023 .2PPB



Tgt Ion:117 Resp: 440810
Ion Ratio Lower Upper
117 100
82 53.6 40.6 60.8
119 32.5 25.6 38.4

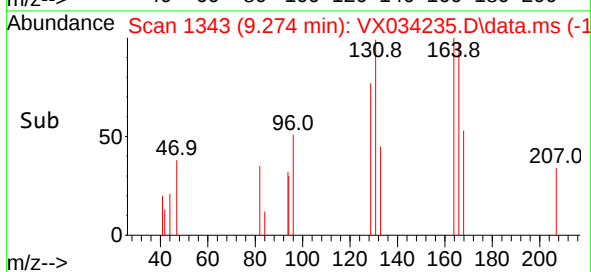
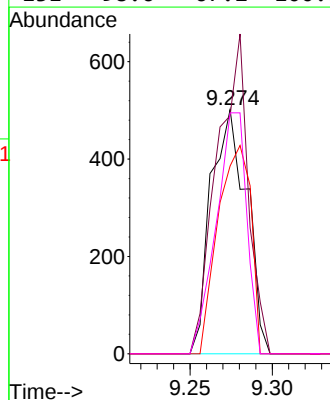
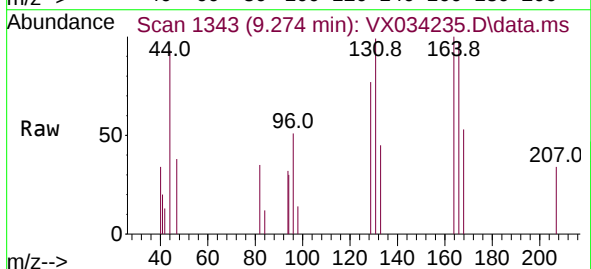
Manual Integrations
APPROVED

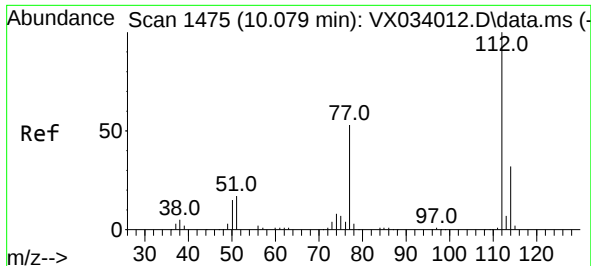
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#64
Tetrachloroethene
Concen: 0.243 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Tgt Ion:164 Resp: 757
Ion Ratio Lower Upper
164 100
166 97.4 100.2 150.2#
129 76.9 69.2 103.8
131 98.6 67.2 100.8





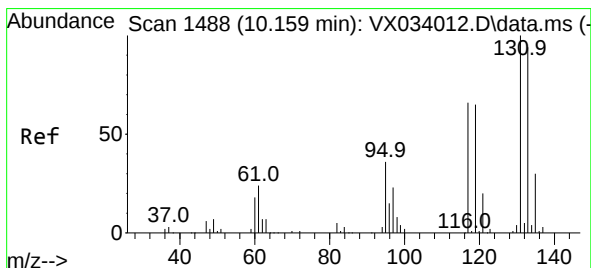
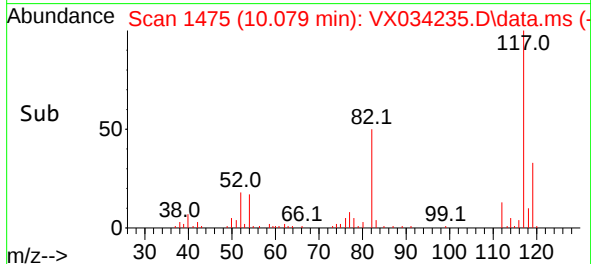
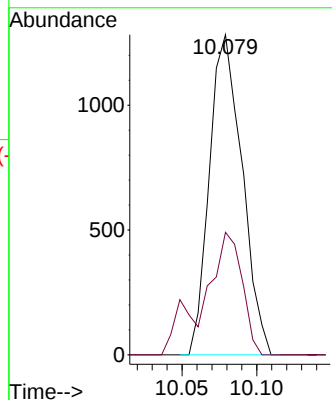
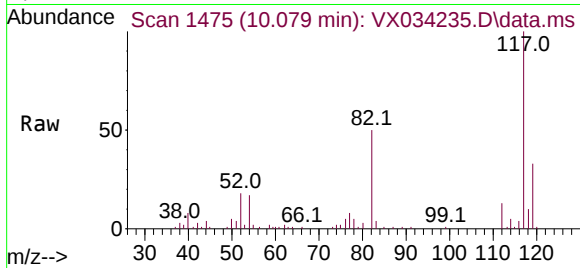
#65
Chlorobenzene
Concen: 0.212 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2023 .2PPB

Tgt Ion:112 Resp: 1949
Ion Ratio Lower Upper
112 100
114 38.3 26.2 39.4

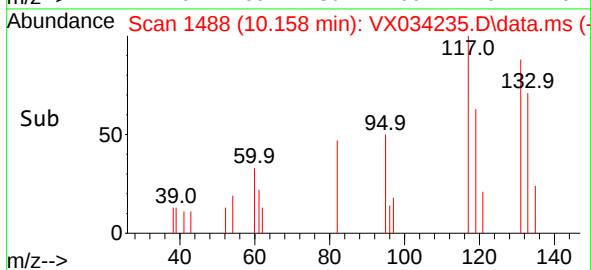
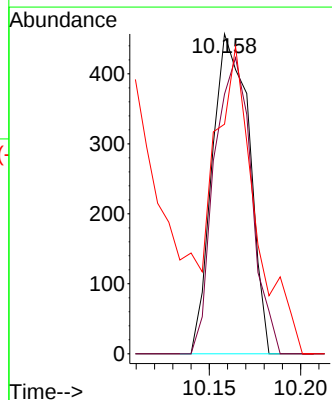
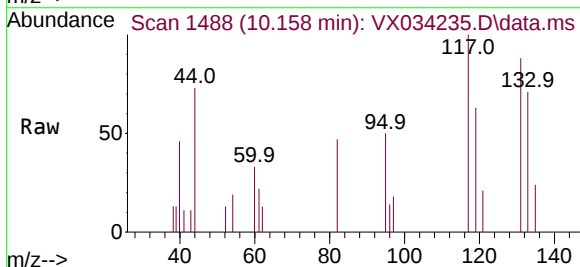
Manual Integrations
APPROVED

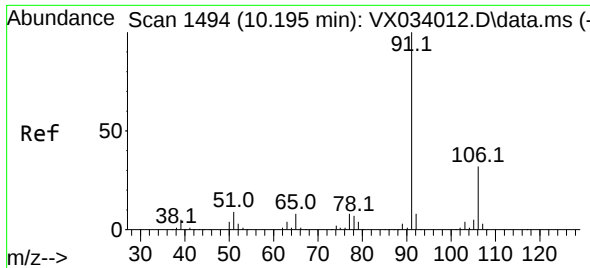
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 0.180 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Tgt Ion:131 Resp: 641
Ion Ratio Lower Upper
131 100
133 93.8 48.4 145.0
119 0.0 31.9 95.7#





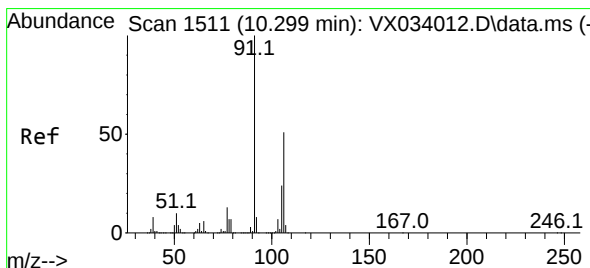
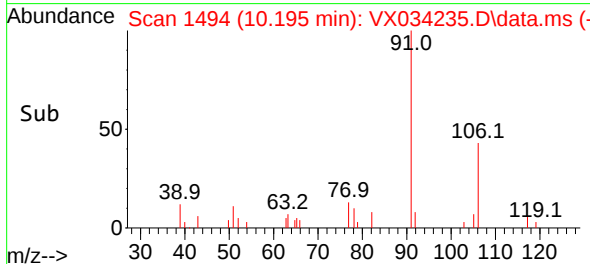
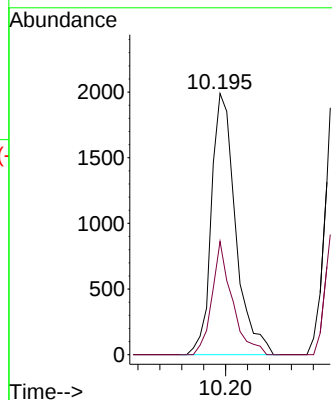
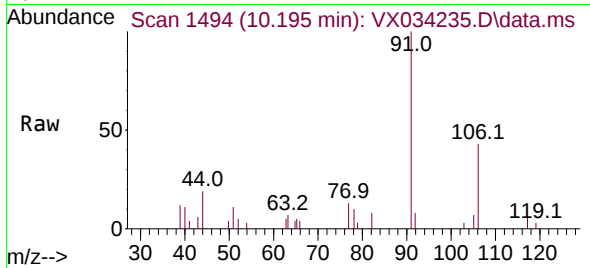
#67
Ethyl Benzene
Concen: 0.184 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Instrument : MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023 .2PPB

Tgt Ion: 91 Resp: 304
Ion Ratio Lower Upper
91 100
106 43.4 25.8 38.8

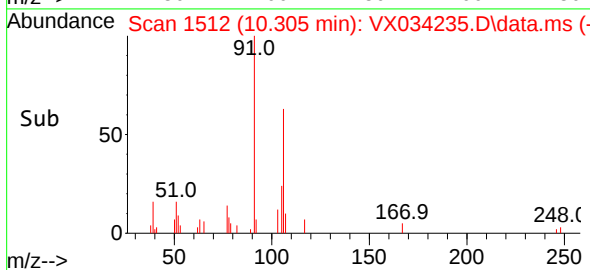
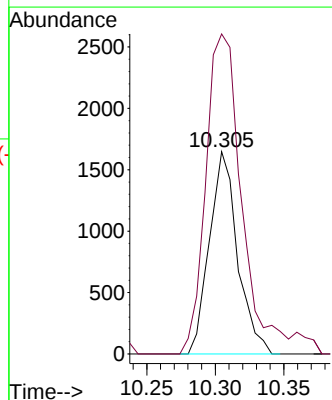
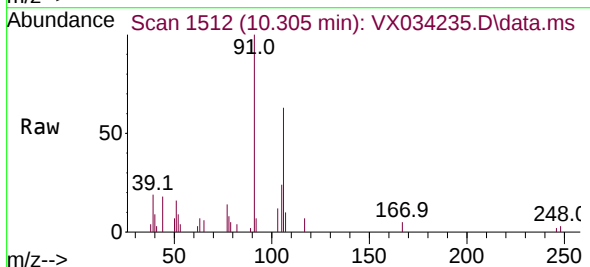
Manual Integrations
APPROVED

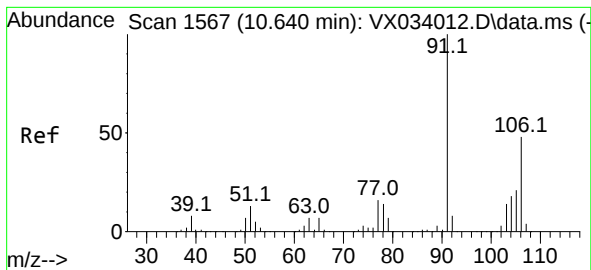
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#68
m/p-Xylenes
Concen: 0.373 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Tgt Ion:106 Resp: 2355
Ion Ratio Lower Upper
106 100
91 206.9 156.4 234.6





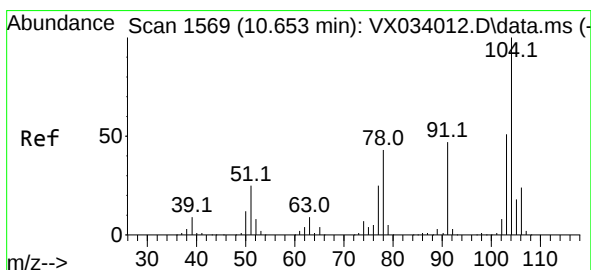
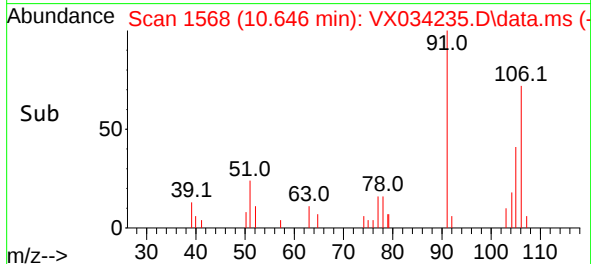
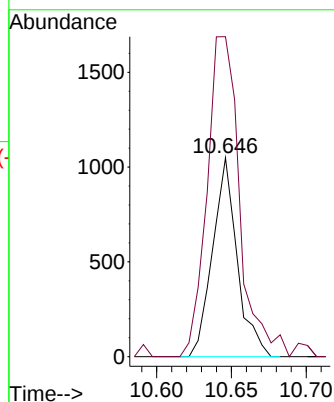
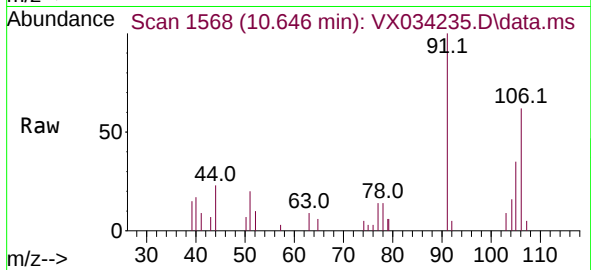
#69
o-Xylene
Concen: 0.191 ug/l
RT: 10.646 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023 .2PPB

Tgt Ion:106 Resp: 1200
Ion Ratio Lower Upper
106 100
91 213.6 103.1 309.3

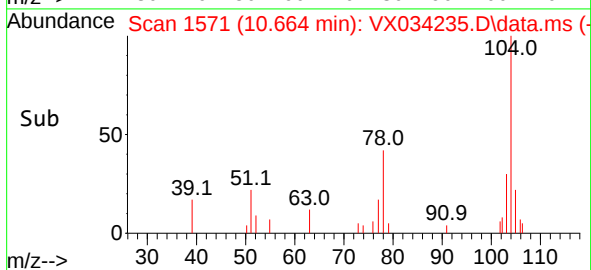
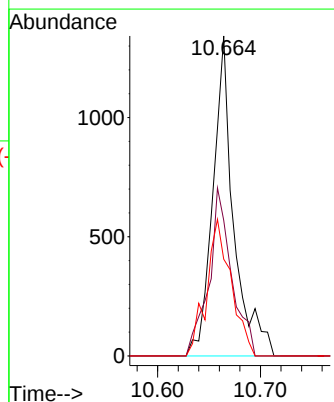
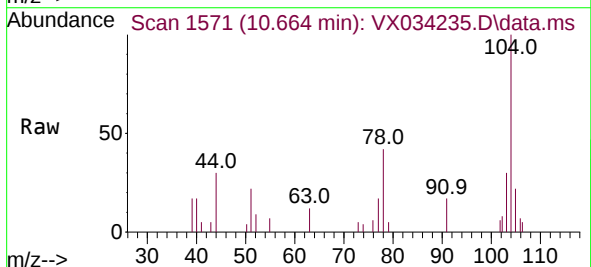
Manual Integrations
APPROVED

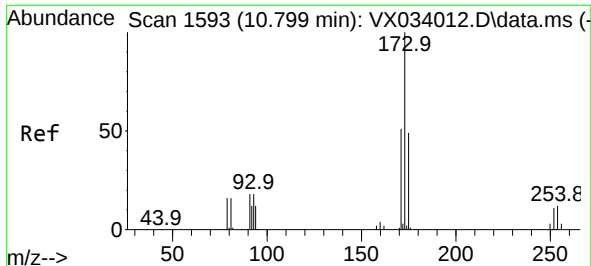
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#70
Styrene
Concen: 0.185 ug/l
RT: 10.664 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

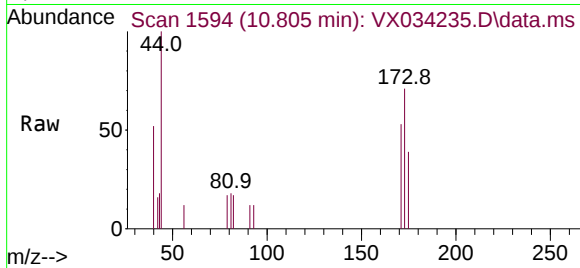
Tgt Ion:104 Resp: 1890
Ion Ratio Lower Upper
104 100
78 57.6 37.5 56.3#
103 50.1 43.3 64.9





#71
Bromoform
Concen: 0.139 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

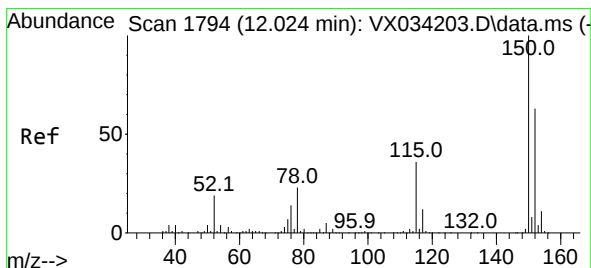
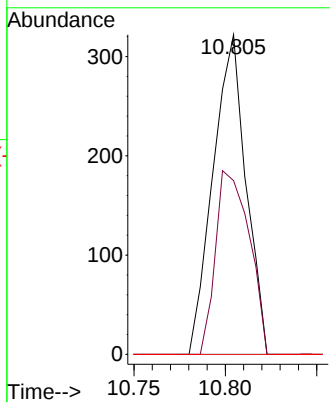
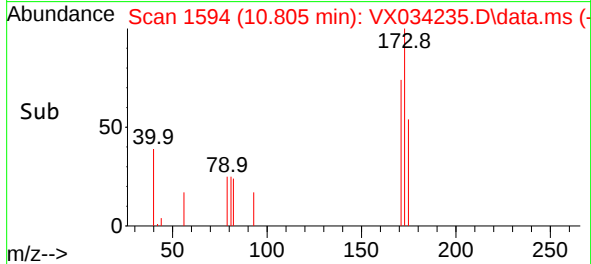
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023 .2PPB



Tgt Ion:173 Resp: 40000
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.3
254 0.0 0.1 0.1

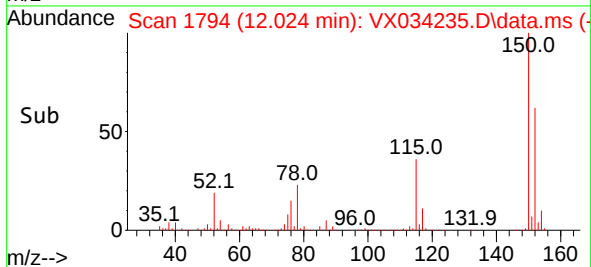
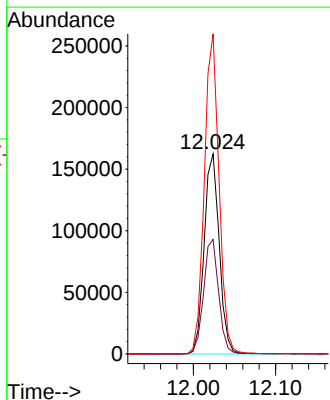
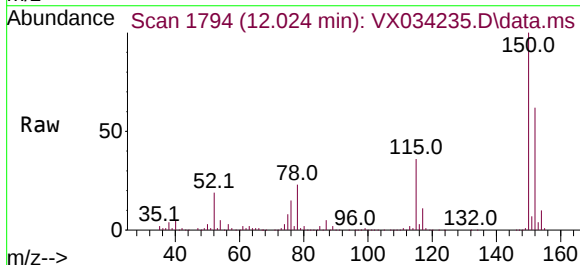
Manual Integrations
APPROVED

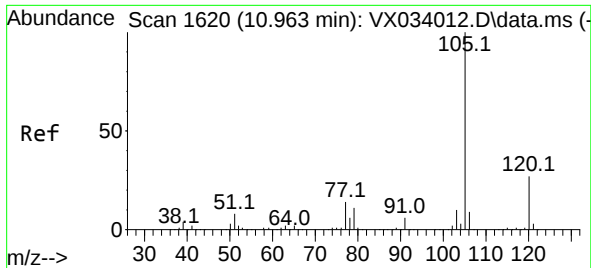
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

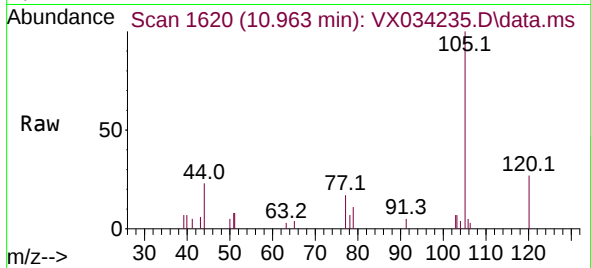
Tgt Ion:152 Resp: 206877
Ion Ratio Lower Upper
152 100
115 57.4 38.7 116.1
150 156.4 0.0 348.2





#73
Isopropylbenzene
Concen: 0.190 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

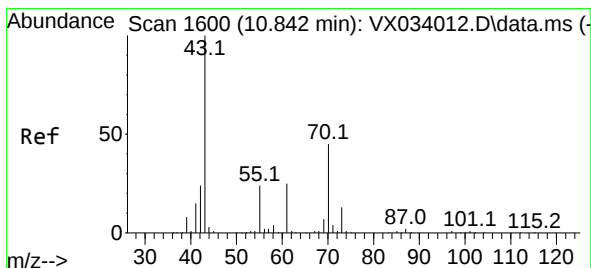
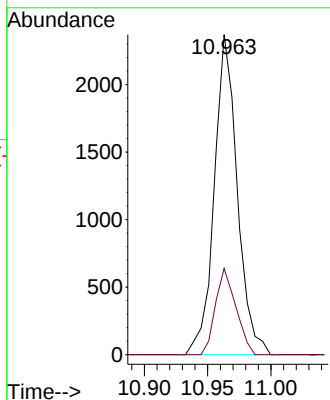
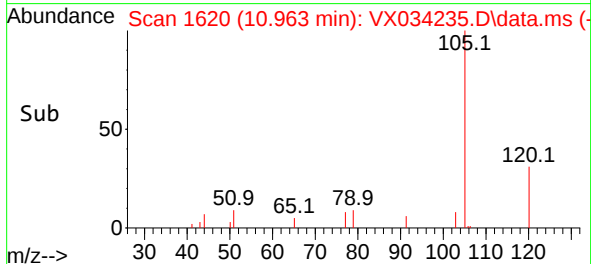
Instrument : MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023 .2PPB



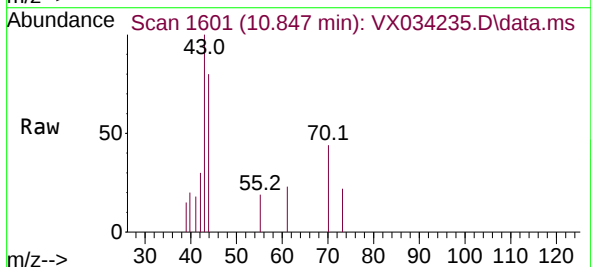
Tgt Ion:105 Resp: 2992
Ion Ratio Lower Upper
105 100
120 23.9 13.6 40.8

Manual Integrations
APPROVED

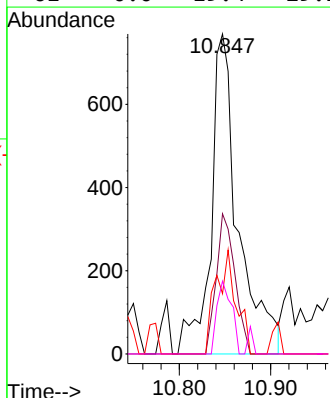
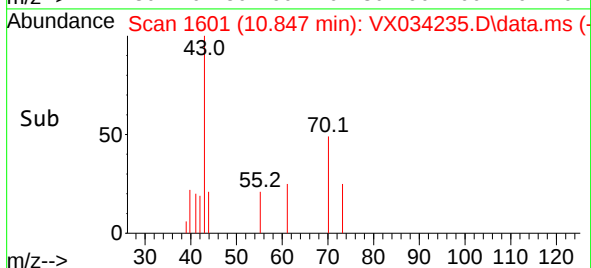
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

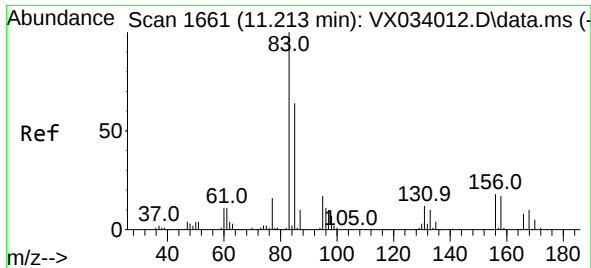


#74
N-ethyl acetate
Concen: 0.200 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41



Tgt Ion: 43 Resp: 1586
Ion Ratio Lower Upper
43 100
70 30.2 34.8 52.2#
55 24.4 19.4 29.0
61 0.0 19.4 29.2#





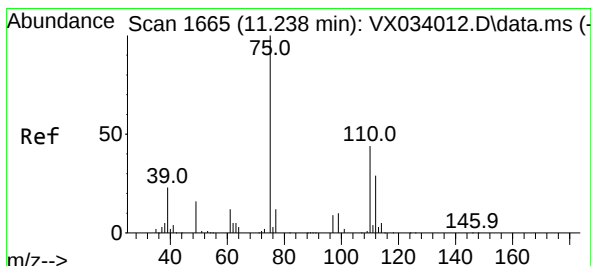
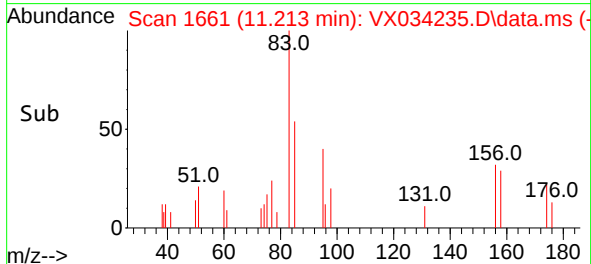
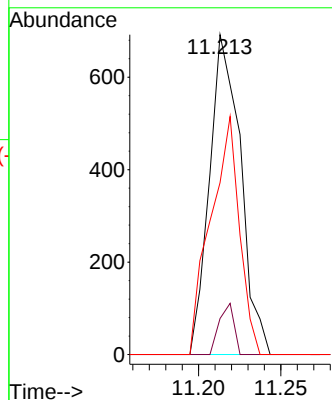
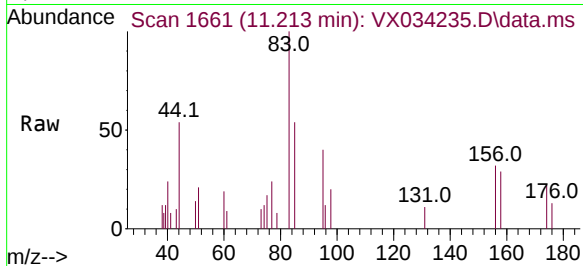
#75
1,1,2,2-Tetrachloroethane
Concen: 0.169 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Instrument : MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023 .2PPB

Tgt Ion: 83 Resp: 909
Ion Ratio Lower Upper
83 100
131 7.6 5.5 16.7
85 69.0 32.3 96.9

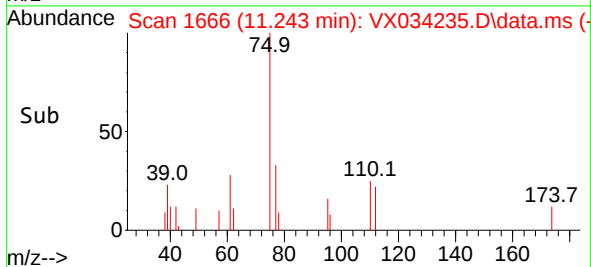
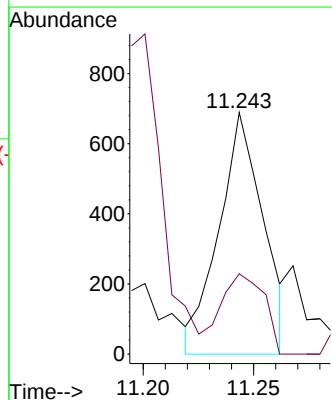
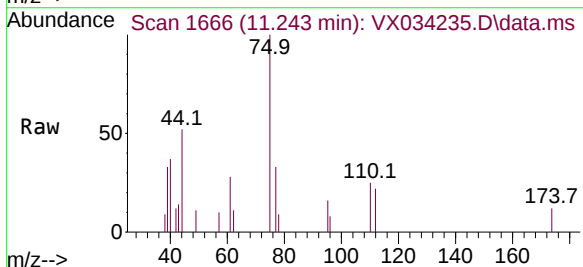
Manual Integrations
APPROVED

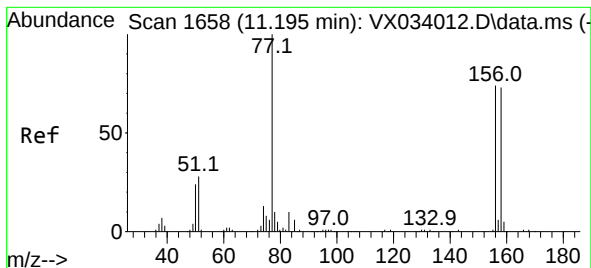
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#76
1,2,3-Trichloropropane
Concen: 0.183 ug/l m
RT: 11.243 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Tgt Ion: 75 Resp: 955
Ion Ratio Lower Upper
75 100
77 126.0 21.8 65.4#





#77

Bromobenzene

Concen: 0.231 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX034235.D

Acq: 22 Feb 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023 .2PPB

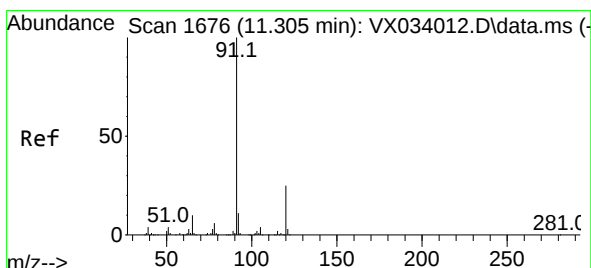
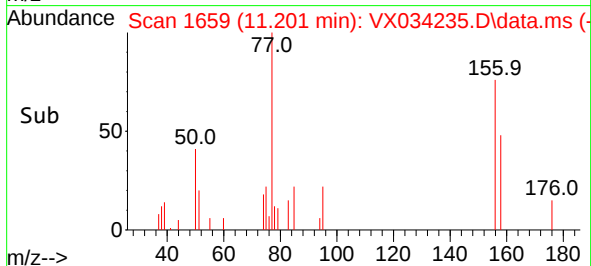
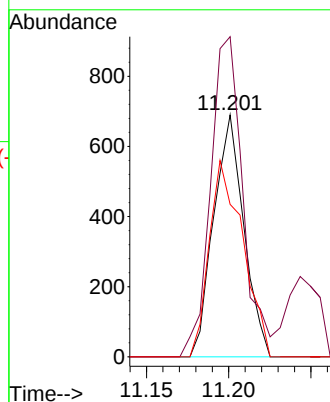
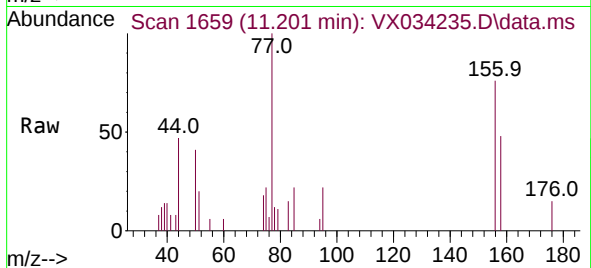
Tgt Ion:	156	Resp:	87
Ion Ratio	Lower	Upper	
156	100		
77	141.3	68.1	204.3
158	90.6	48.0	144.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#78

n-propylbenzene

Concen: 0.183 ug/l

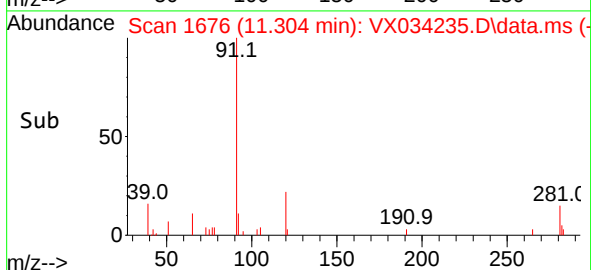
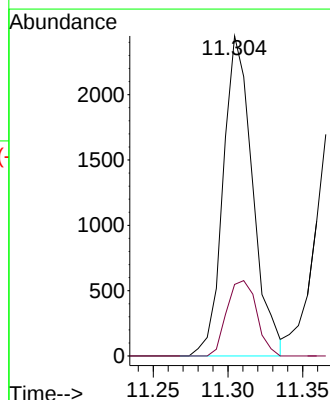
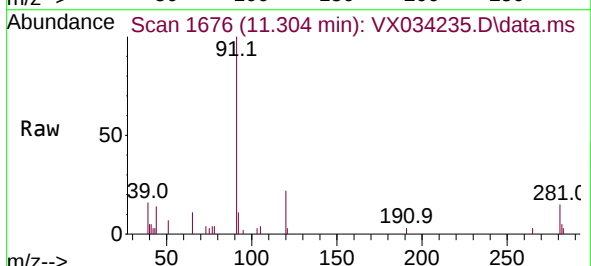
RT: 11.304 min Scan# 1676

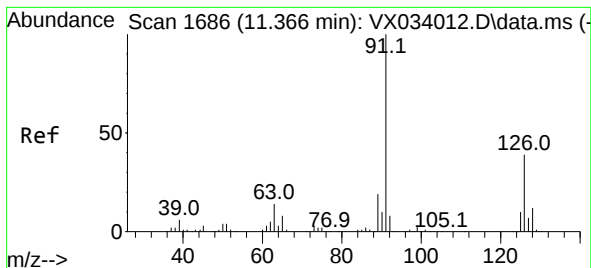
Delta R.T. -0.000 min

Lab File: VX034235.D

Acq: 22 Feb 2023 17:41

Tgt Ion:	91	Resp:	3364
Ion Ratio	Lower	Upper	
91	100		
120	23.8	12.3	36.8





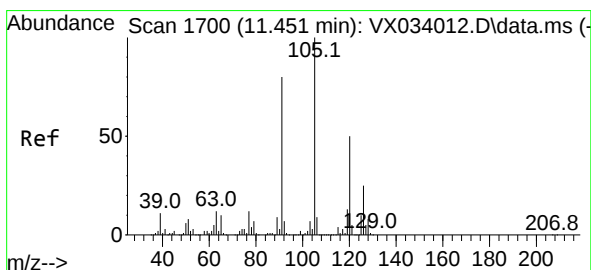
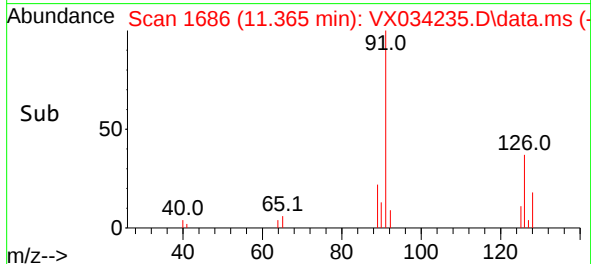
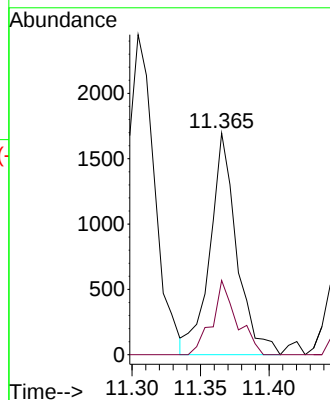
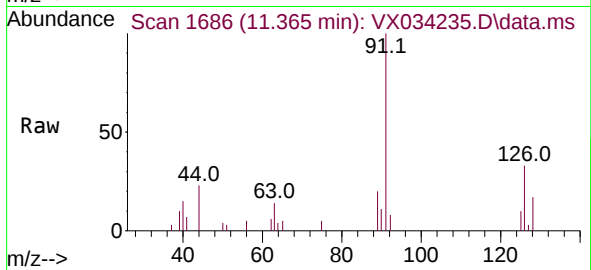
#79
2-Chlorotoluene
Concen: 0.204 ug/l
RT: 11.365 min Scan# 1136
Delta R.T. -0.000 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023 .2PPB

Tgt Ion: 91 Resp: 229
Ion Ratio Lower Upper
91 100
126 31.0 18.1 54.1

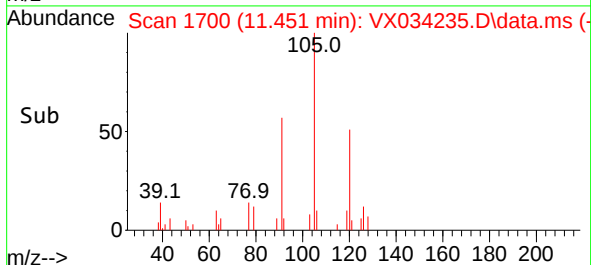
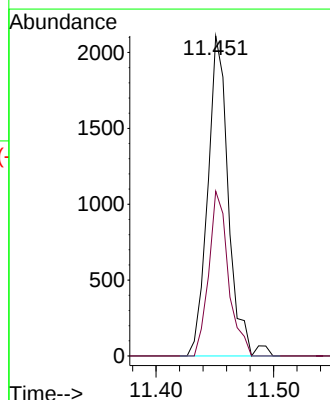
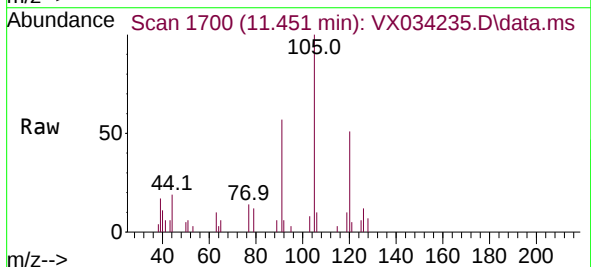
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#80
1,3,5-Trimethylbenzene
Concen: 0.195 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Tgt Ion:105 Resp: 2589
Ion Ratio Lower Upper
105 100
120 48.6 25.6 76.8





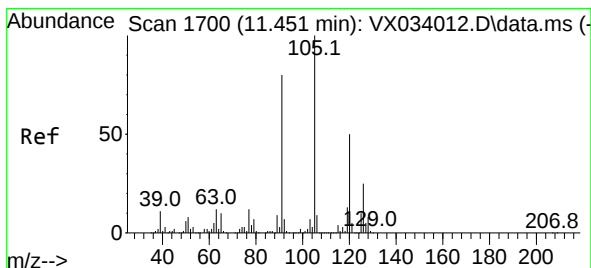
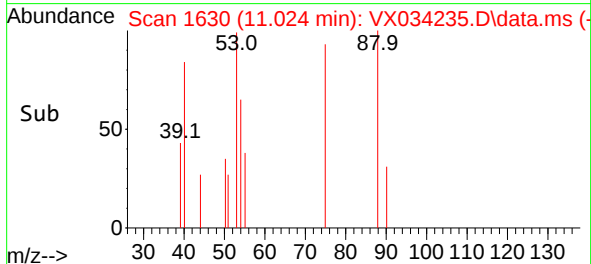
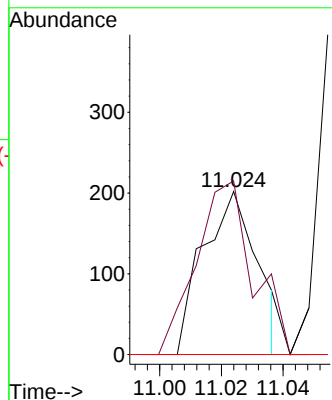
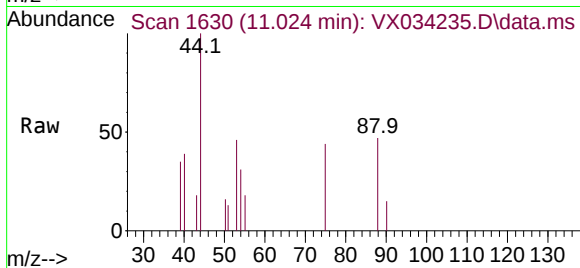
#81
trans-1,4-Dichloro-2-butene
Concen: 0.123 ug/l m
RT: 11.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023 .2PPB

Tgt Ion: 75 Resp: 250
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6
89 0.0 37.7 56.5

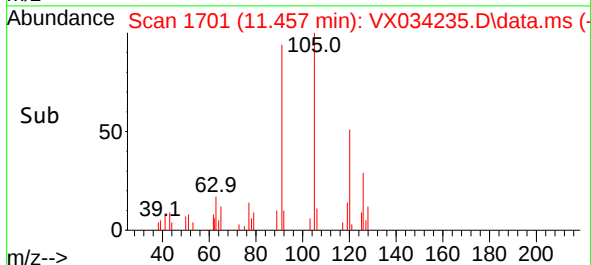
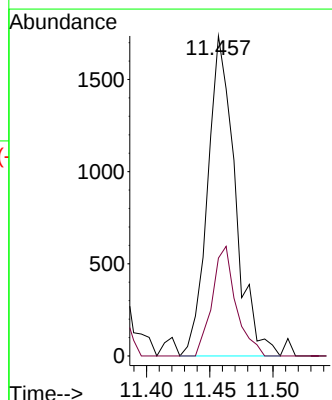
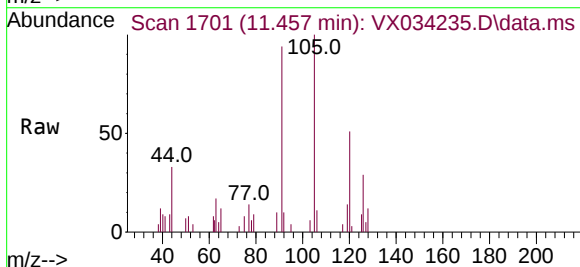
Manual Integrations
APPROVED

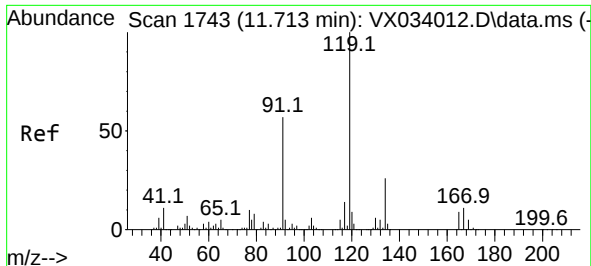
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#82
4-Chlorotoluene
Concen: 0.205 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

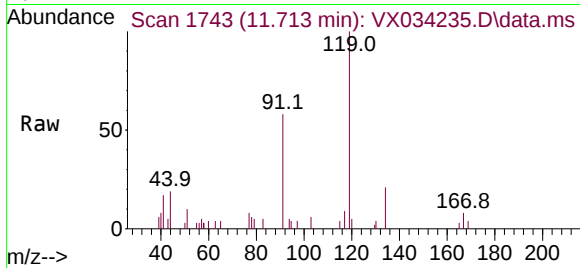
Tgt Ion: 91 Resp: 2629
Ion Ratio Lower Upper
91 100
126 29.6 15.8 47.4





#83
tert-Butylbenzene
Concen: 0.189 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

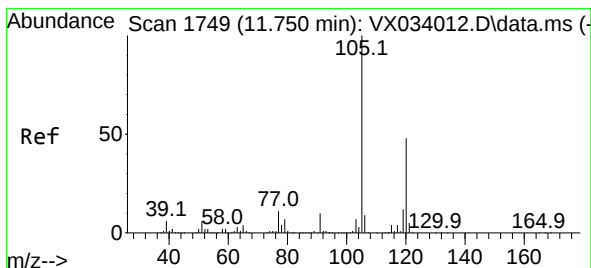
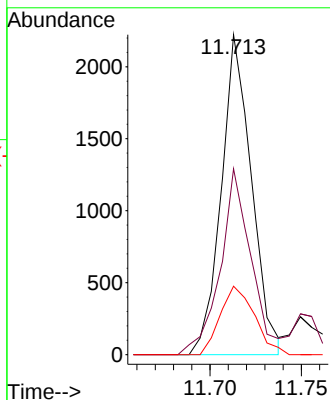
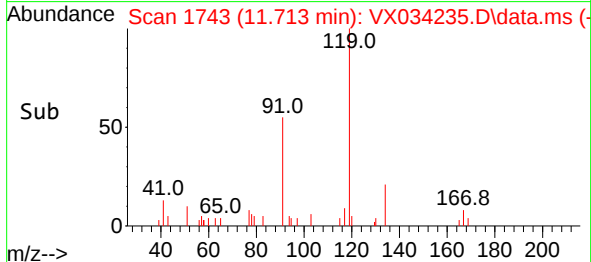
Instrument : MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023 .2PPB



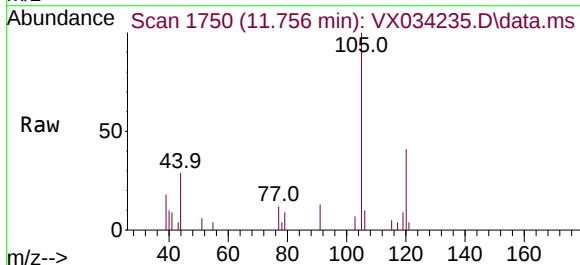
Tgt Ion:119 Resp: 256
Ion Ratio Lower Upper
119 100
91 58.8 26.9 80.7
134 24.3 12.3 36.8

Manual Integrations
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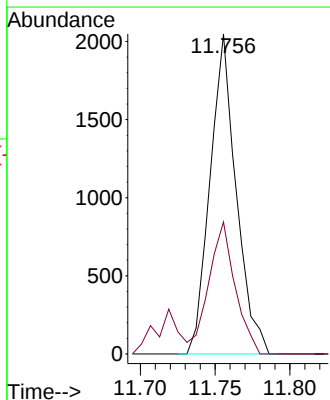
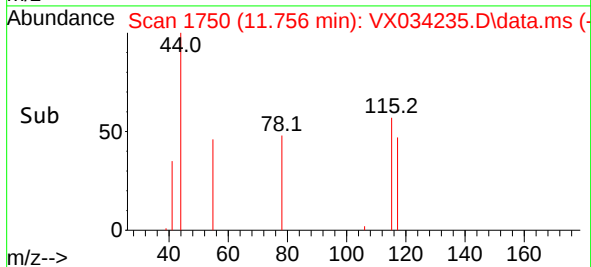
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

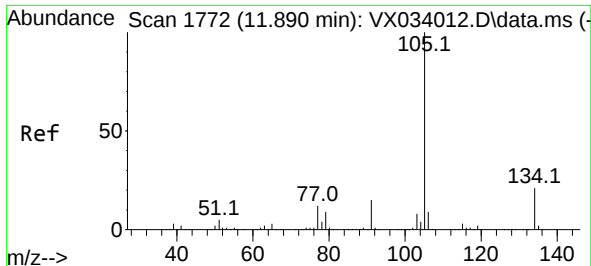


#84
1,2,4-Trimethylbenzene
Concen: 0.186 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41



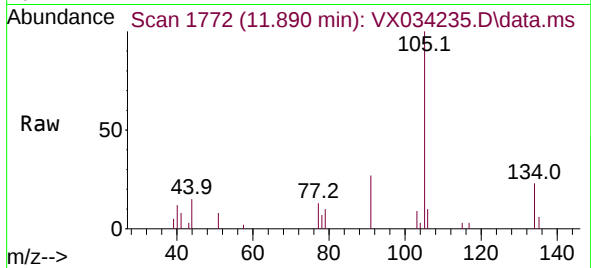
Tgt Ion:105 Resp: 2490
Ion Ratio Lower Upper
105 100
120 41.5 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 0.170 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX034235.D
 Acq: 22 Feb 2023 17:41

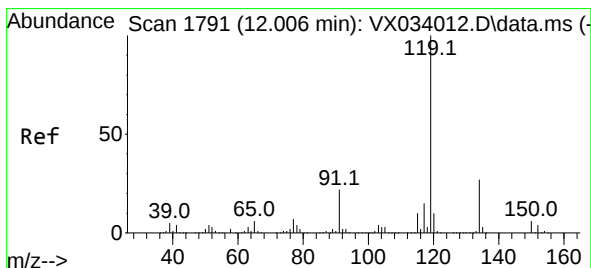
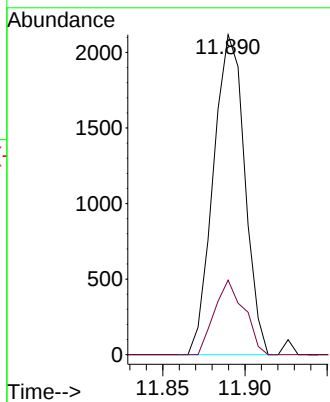
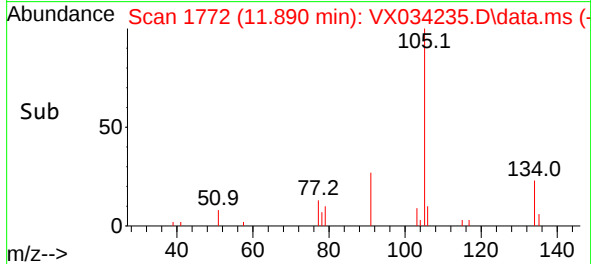
Instrument : MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2023 .2PPB



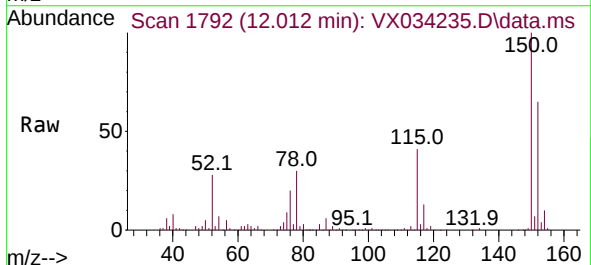
Tgt Ion:105 Resp: 2809
 Ion Ratio Lower Upper
 105 100
 134 22.0 10.8 32.3

Manual Integrations
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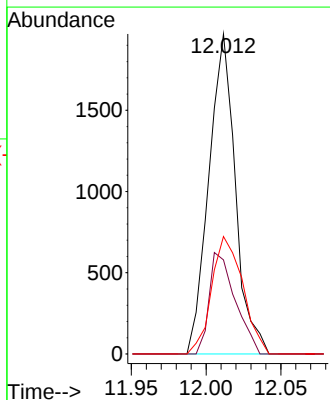
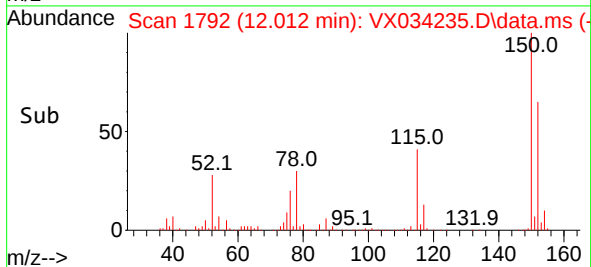
Reviewed By :John Carlone 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023

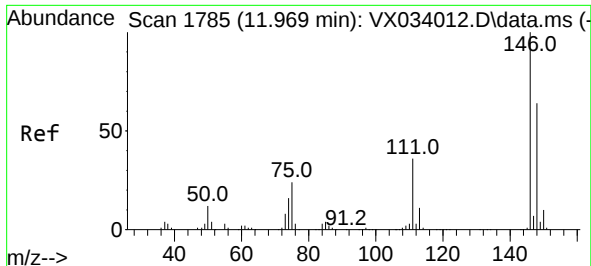


#86
 p-Isopropyltoluene
 Concen: 0.178 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX034235.D
 Acq: 22 Feb 2023 17:41



Tgt Ion:119 Resp: 2431
 Ion Ratio Lower Upper
 119 100
 134 31.1 13.6 40.8
 91 43.1 11.0 33.0#





#87

1,3-Dichlorobenzene

Concen: 0.230 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX034235.D

Acq: 22 Feb 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023 .2PPB

Tgt Ion:146 Resp: 1639

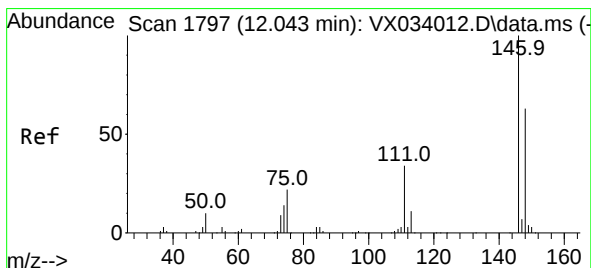
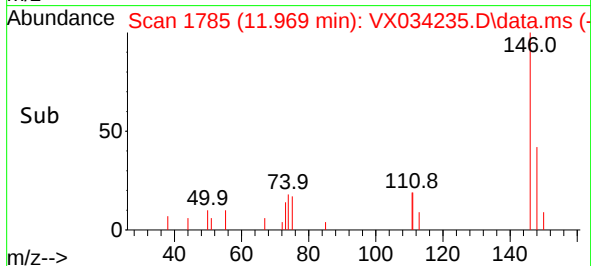
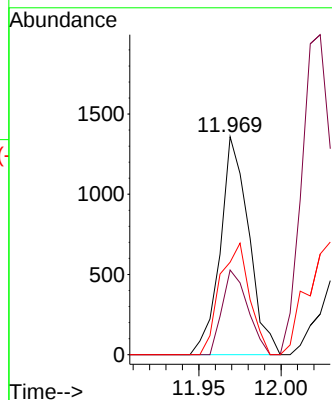
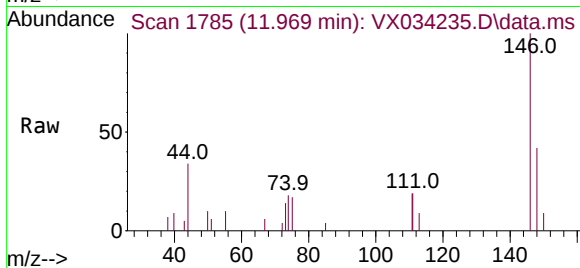
Ion	Ratio	Lower	Upper
146	100		
111	34.8	18.6	55.6
148	53.1	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#88

1,4-Dichlorobenzene

Concen: 0.230 ug/l m

RT: 12.042 min Scan# 1797

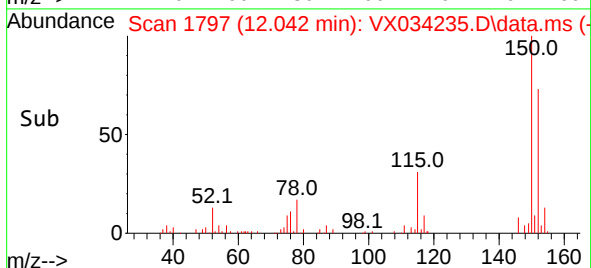
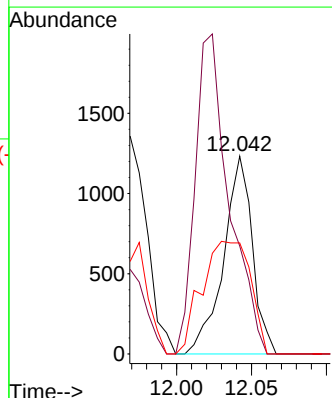
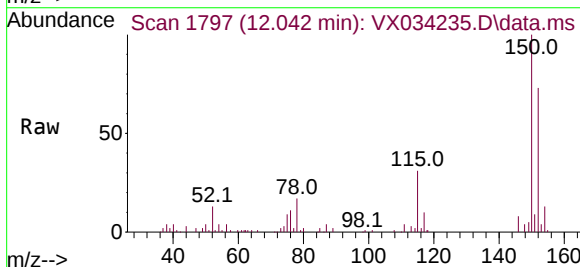
Delta R.T. -0.000 min

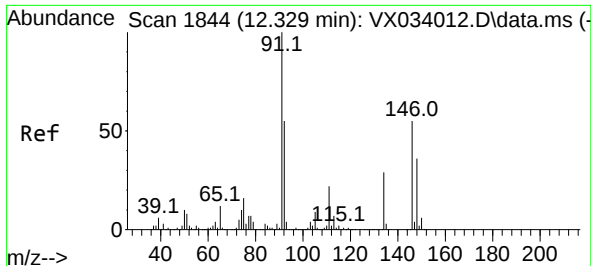
Lab File: VX034235.D

Acq: 22 Feb 2023 17:41

Tgt Ion:146 Resp: 1648

Ion	Ratio	Lower	Upper
146	100		
111	34.6	17.8	53.4
148	52.9	32.1	96.3





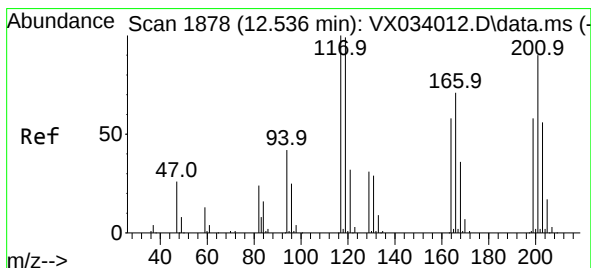
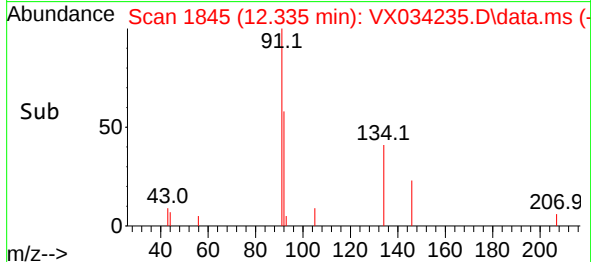
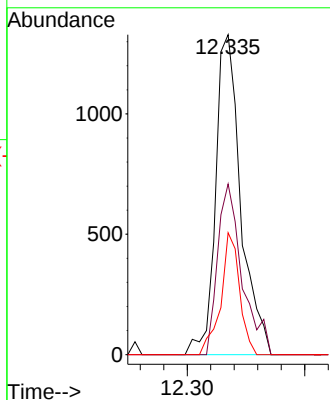
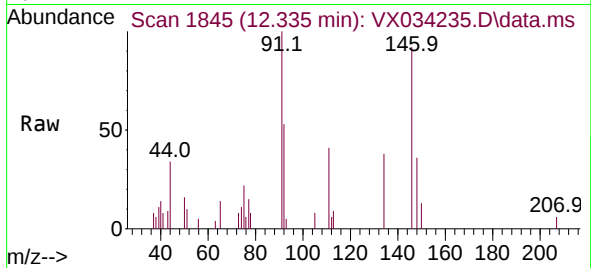
#89
n-Butylbenzene
Concen: 0.163 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023 .2PPB

Tgt Ion: 91 Resp: 1980
Ion Ratio Lower Upper
91 100
92 51.8 27.5 82.5
134 28.4 14.3 42.9

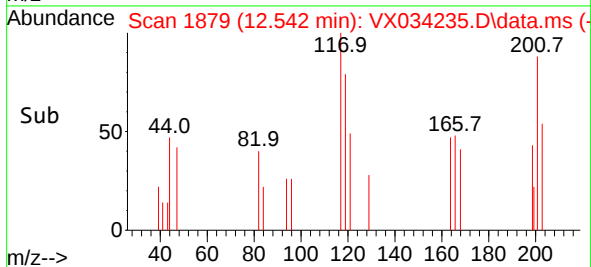
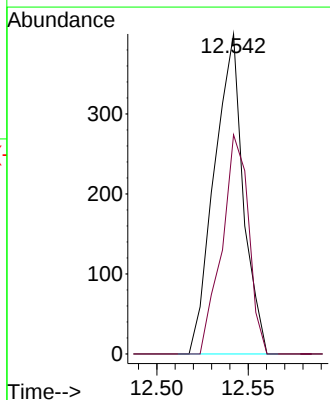
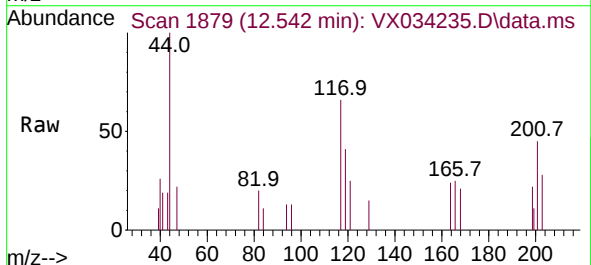
Manual Integrations
APPROVED

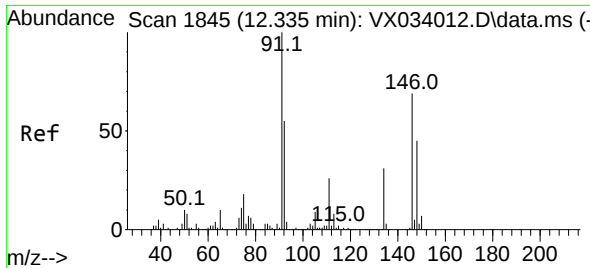
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#90
Hexachloroethane
Concen: 0.155 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Tgt Ion:117 Resp: 441
Ion Ratio Lower Upper
117 100
201 63.0 45.1 135.3





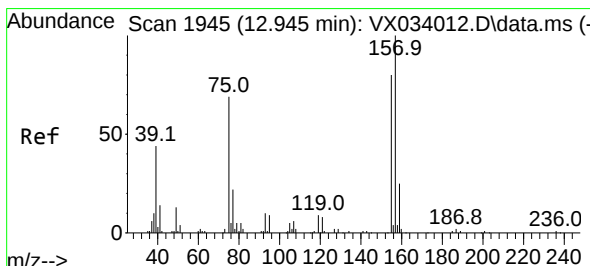
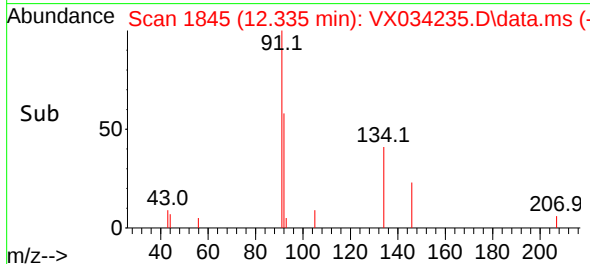
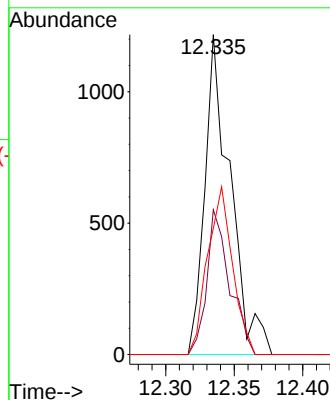
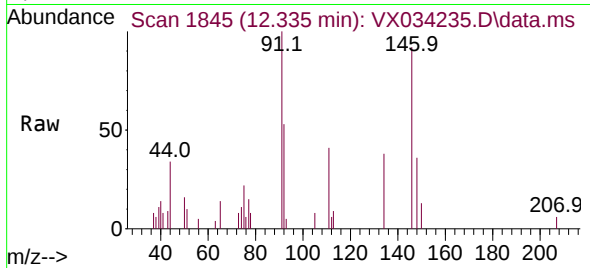
#91
1,2-Dichlorobenzene
Concen: 0.225 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Instrument : MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023 .2PPB

Tgt Ion:146 Resp: 156
Ion Ratio Lower Upper
146 100
111 41.1 19.3 57.8
148 51.8 32.3 96.9

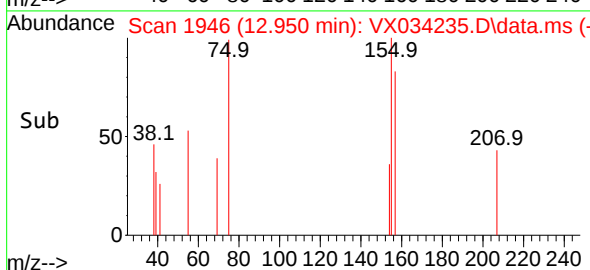
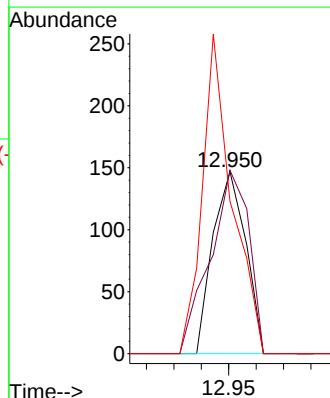
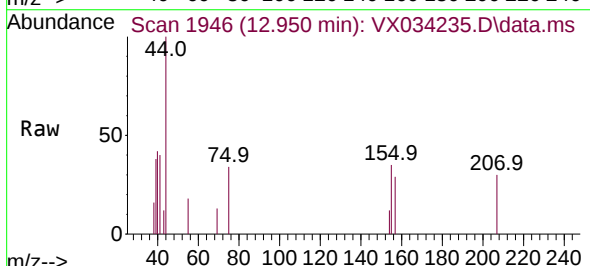
Manual Integrations
APPROVED

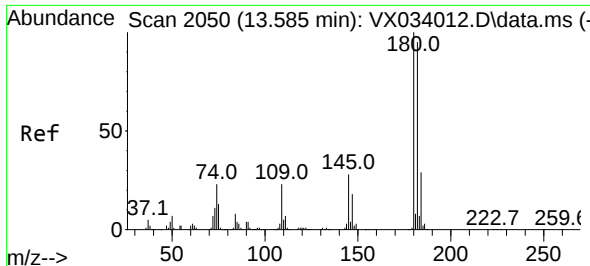
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.095 ug/l
RT: 12.950 min Scan# 1946
Delta R.T. 0.006 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

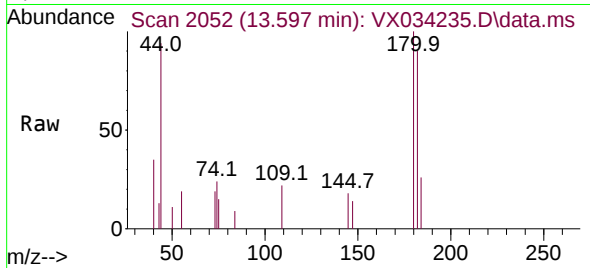
Tgt Ion: 75 Resp: 122
Ion Ratio Lower Upper
75 100
155 118.9 51.7 155.1
157 158.2 67.5 202.3





#93
1,2,4-Trichlorobenzene
Concen: 0.187 ug/l
RT: 13.597 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

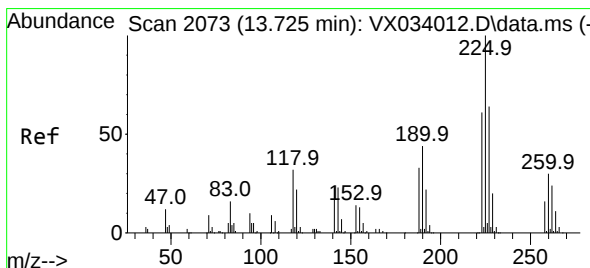
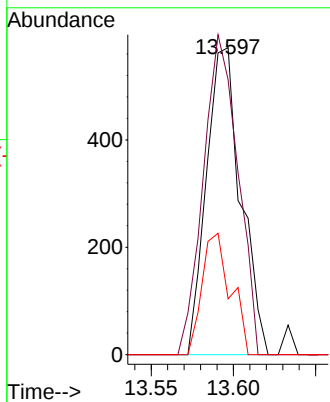
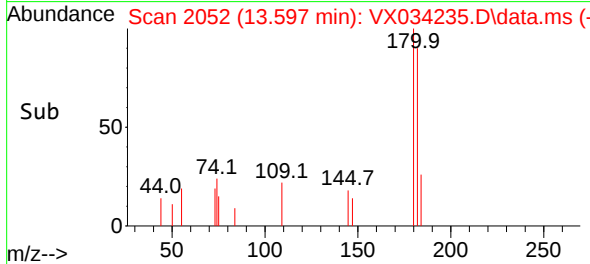
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023 .2PPB



Tgt Ion:180 Resp: 834
Ion Ratio Lower Upper
180 100
182 104.6 47.9 143.6
145 32.6 14.1 42.2

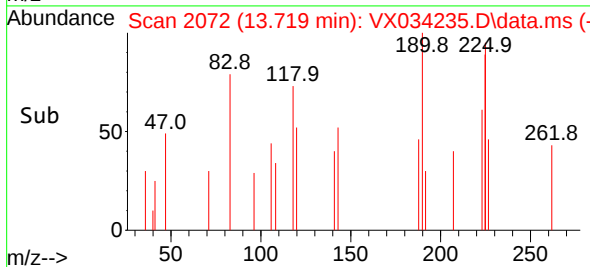
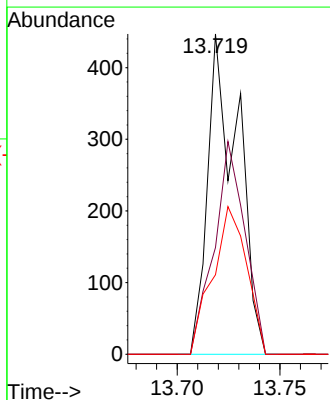
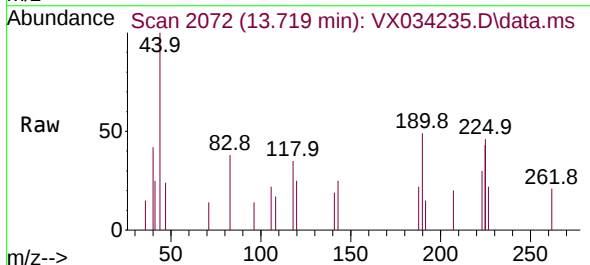
Manual Integrations
APPROVED

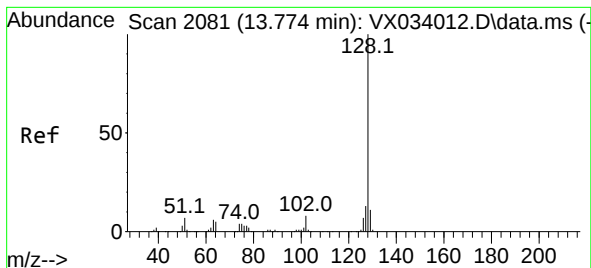
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#94
Hexachlorobutadiene
Concen: 0.248 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX034235.D
Acq: 22 Feb 2023 17:41

Tgt Ion:225 Resp: 459
Ion Ratio Lower Upper
225 100
223 67.5 31.3 93.9
227 51.9 32.3 96.9





#95

Naphthalene

Concen: 0.251 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX034235.D

Acq: 22 Feb 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023 .2PPB

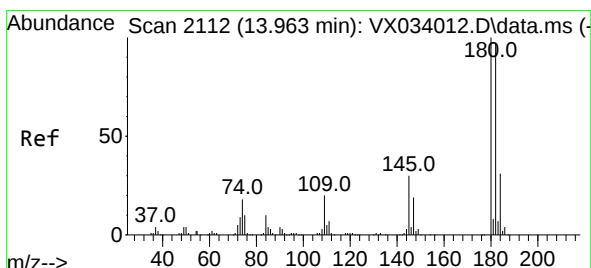
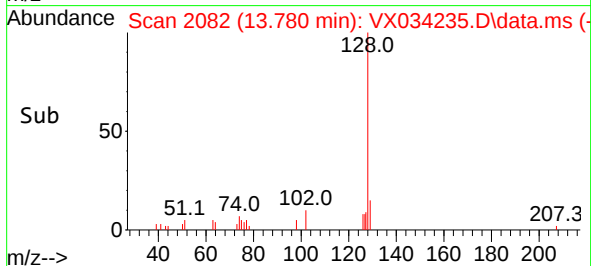
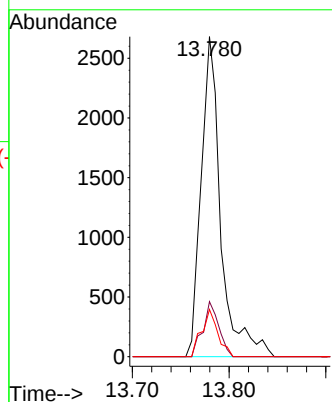
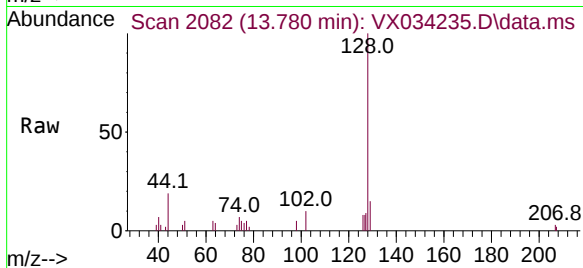
Tgt Ion:	128	Resp:	378
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.3	15.5
129	12.2	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#96

1,2,3-Trichlorobenzene

Concen: 0.200 ug/l

RT: 13.962 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX034235.D

Acq: 22 Feb 2023 17:41

Tgt Ion:	180	Resp:	886
Ion Ratio	Lower	Upper	
180	100		
182	107.0	47.6	142.9
145	32.8	15.1	45.3

