

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
 Data File : VX034234.D
 Acq On : 22 Feb 2023 17:18
 Operator : JC/MD
 Sample : 01627-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2023

Quant Time: Feb 23 03:23:39 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	5.550	168	300825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	493130	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	435108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	203916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	179236	44.240	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.480%		
35) Dibromofluoromethane	5.385	113	155877	48.548	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.100%		
50) Toluene-d8	8.647	98	570142	49.458	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.920%		
62) 4-Bromofluorobenzene	11.079	95	204465	46.370	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6447	2.480	ug/l	96
3) Chloromethane	1.294	50	9766	2.611	ug/l	92
4) Vinyl Chloride	1.374	62	10086	2.961	ug/l	96
5) Bromomethane	1.611	94	5687	4.207	ug/l	89
6) Chloroethane	1.685	64	5823	3.400	ug/l	100
7) Trichlorofluoromethane	1.892	101	14860	3.224	ug/l	96
8) Diethyl Ether	2.130	74	5698	3.069	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	7837	2.414	ug/l	99
10) Methyl Iodide	2.453	142	8490	2.148	ug/l	92
11) Tert butyl alcohol	2.965	59	13518	14.918	ug/l #	84
12) 1,1-Dichloroethene	2.325	96	8034	2.469	ug/l	93
13) Acrolein	2.233	56	5165	12.487	ug/l	93
14) Allyl chloride	2.666	41	15913	2.306	ug/l	90
15) Acrylonitrile	3.068	53	23593	11.935	ug/l	99
16) Acetone	2.380	43	21226	10.156	ug/l	95
17) Carbon Disulfide	2.514	76	20804	2.224	ug/l	100
18) Methyl Acetate	2.709	43	14525	2.246	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	29154	2.539	ug/l	98
20) Methylene Chloride	2.794	84	11665	3.098	ug/l	97
21) trans-1,2-Dichloroethene	3.099	96	8725	2.559	ug/l #	81
22) Diisopropyl ether	3.763	45	31089	2.569	ug/l	95
23) Vinyl Acetate	3.721	43	118062	12.178	ug/l	100
24) 1,1-Dichloroethane	3.611	63	16544	2.491	ug/l	99
25) 2-Butanone	4.562	43	32623	10.788	ug/l	98
26) 2,2-Dichloropropane	4.483	77	13463	2.237	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	10251	2.539	ug/l	99
28) Bromochloromethane	4.897	49	6962	2.349	ug/l	93
29) Tetrahydrofuran	5.013	42	21614	11.717	ug/l	99
30) Chloroform	5.093	83	15713	2.463	ug/l	93
31) Cyclohexane	5.471	56	15147	2.504	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	14157	2.476	ug/l	98
36) 1,1-Dichloropropene	5.696	75	12022	2.532	ug/l	98
37) Ethyl Acetate	4.721	43	14841m	2.797	ug/l	
38) Carbon Tetrachloride	5.684	117	12119	2.480	ug/l	98
39) Methylcyclohexane	7.385	83	14638	2.395	ug/l	96
40) Benzene	6.044	78	36192	2.572	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	6456m	2.184	ug/l	
42) 1,2-Dichloroethane	6.086	62	12404	2.506	ug/l	98
43) Isopropyl Acetate	6.342	43	21984	2.348	ug/l	97
44) Trichloroethene	7.129	130	9558	2.647	ug/l	89
45) 1,2-Dichloropropane	7.434	63	9569	2.554	ug/l	99
46) Dibromomethane	7.586	93	6261	2.540	ug/l	87
47) Bromodichloromethane	7.824	83	11943	2.361	ug/l #	98
48) Methyl methacrylate	7.696	41	10215	2.298	ug/l	98
49) 1,4-Dioxane	7.696	88	4607	51.965	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	65773	12.766	ug/l	98
52) Toluene	8.720	92	22513	2.640	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	12941	2.222	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	14629	2.346	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	8902	2.587	ug/l	99
56) Ethyl methacrylate	9.116	69	13589	2.334	ug/l	91
57) 1,3-Dichloropropane	9.311	76	15771	2.634	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	31515	12.496	ug/l	95
59) 2-Hexanone	9.433	43	47449	12.084	ug/l	97
60) Dibromochloromethane	9.519	129	8637	2.271	ug/l	96
61) 1,2-Dibromoethane	9.610	107	9272	2.547	ug/l	96
64) Tetrachloroethene	9.275	164	8514	2.772	ug/l	89
65) Chlorobenzene	10.079	112	24096	2.657	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.159	131	8093	2.305	ug/l	90
67) Ethyl Benzene	10.195	91	40759	2.501	ug/l	96
68) m/p-Xylenes	10.299	106	31971	5.127	ug/l	100
69) o-Xylene	10.640	106	15734	2.535	ug/l	94
70) Styrene	10.659	104	25085	2.485	ug/l	98
71) Bromoform	10.799	173	6288	2.194	ug/l #	100
73) Isopropylbenzene	10.963	105	39310	2.529	ug/l	98
74) N-amyl acetate	10.841	43	17225	2.206	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	13446	2.530	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	10051m	1.959	ug/l	
77) Bromobenzene	11.195	156	9928	2.655	ug/l	84
78) n-propylbenzene	11.305	91	44273	2.449	ug/l	98
79) 2-Chlorotoluene	11.366	91	27723	2.501	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	33074	2.531	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	3754	1.879	ug/l	95
82) 4-Chlorotoluene	11.457	91	30432	2.411	ug/l	99
83) tert-Butylbenzene	11.713	119	33835	2.528	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	32169	2.435	ug/l	97
85) sec-Butylbenzene	11.890	105	40476	2.491	ug/l	98
86) p-Isopropyltoluene	12.006	119	32691	2.431	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	19052	2.716	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	18811	2.659	ug/l	90
89) n-Butylbenzene	12.335	91	26519	2.214	ug/l	97
90) Hexachloroethane	12.536	117	5911	2.102	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	18032	2.628	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2470	1.949	ug/l	80
93) 1,2,4-Trichlorobenzene	13.591	180	9985	2.266	ug/l	93
94) Hexachlorobutadiene	13.725	225	4401	2.410	ug/l	99
95) Naphthalene	13.774	128	35244	2.375	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	10716	2.450	ug/l	98

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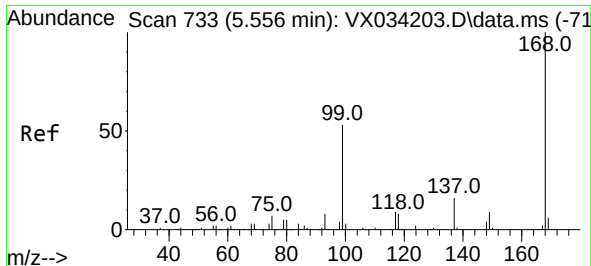
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

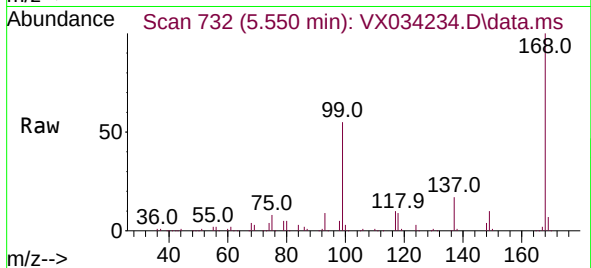
Quant Time: Feb 23 03:23:39 2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034234.D
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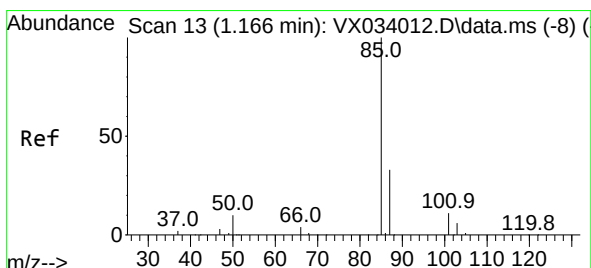
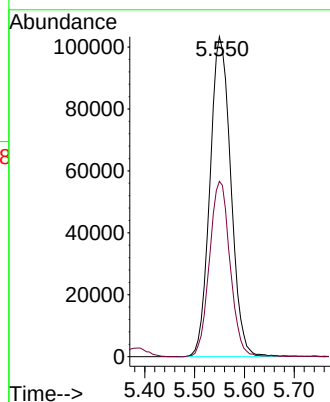
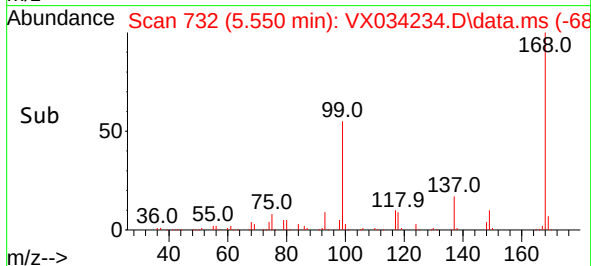
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:168 Resp: 300825
Ion Ratio Lower Upper
168 100
99 54.8 39.6 59.4

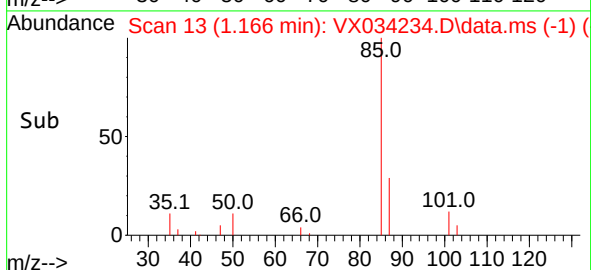
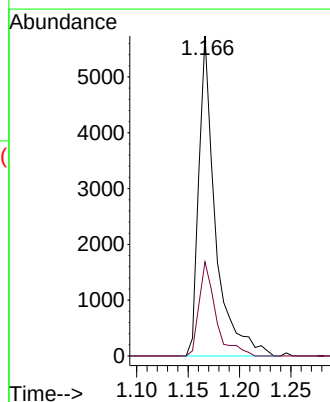
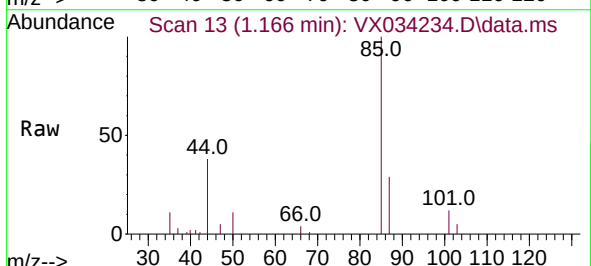
Manual Integrations
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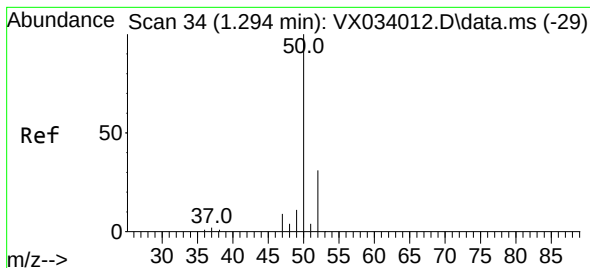
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#2
Dichlorodifluoromethane
Concen: 2.480 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion: 85 Resp: 6447
Ion Ratio Lower Upper
85 100
87 29.4 15.8 47.4





#3

Chloromethane

Concen: 2.611 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX034234.D

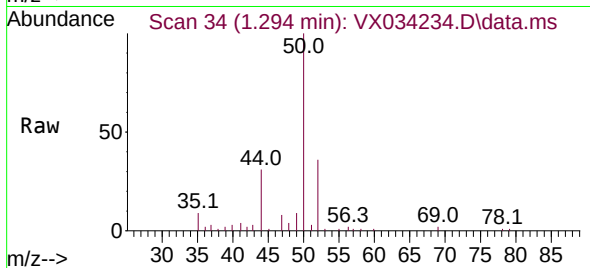
Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023



Tgt Ion: 50 Resp: 976

Ion Ratio Lower Upper

50 100

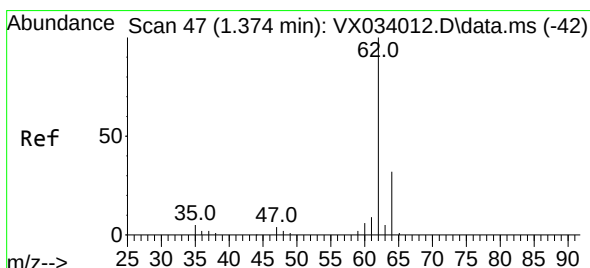
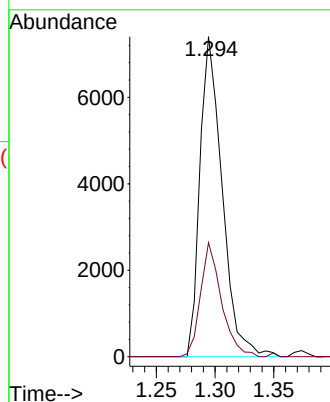
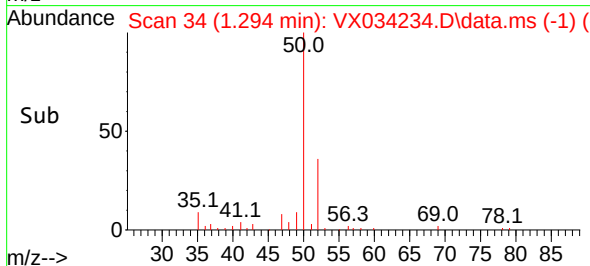
52 35.7 25.2 37.8

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 2.961 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX034234.D

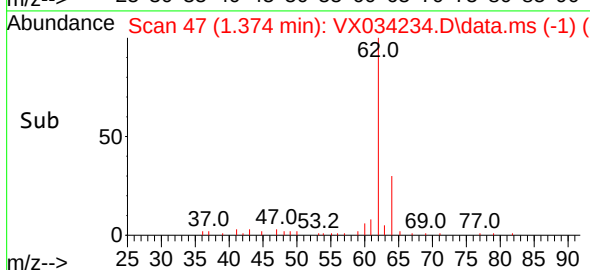
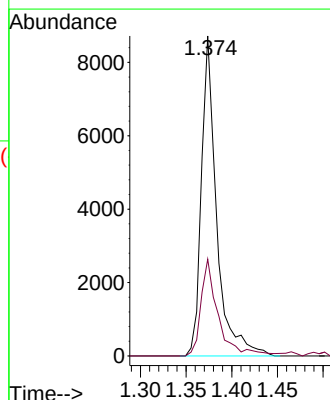
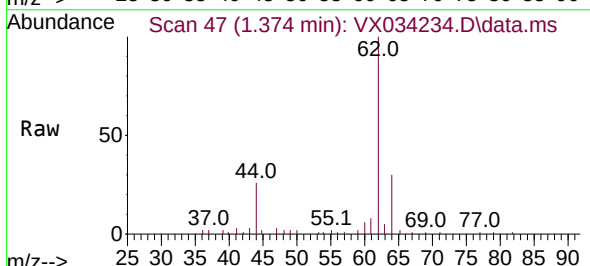
Acq: 22 Feb 2023 17:18

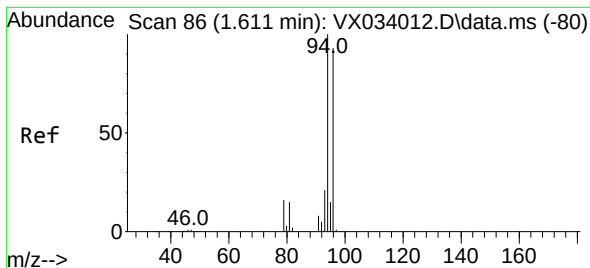
Tgt Ion: 62 Resp: 10086

Ion Ratio Lower Upper

62 100

64 30.3 26.2 39.4





#5

Bromomethane

Concen: 4.207 ug/l

RT: 1.611 min Scan# 80

Delta R.T. 0.012 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion: 94 Resp: 568

Ion Ratio Lower Upper

94 100

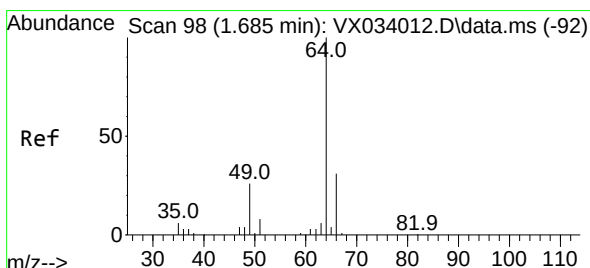
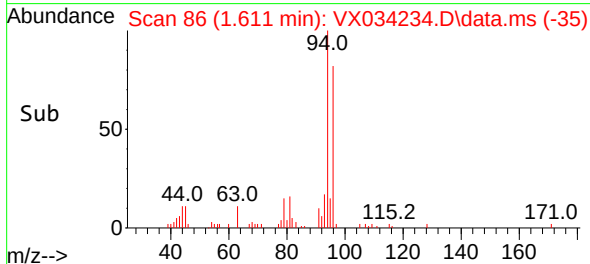
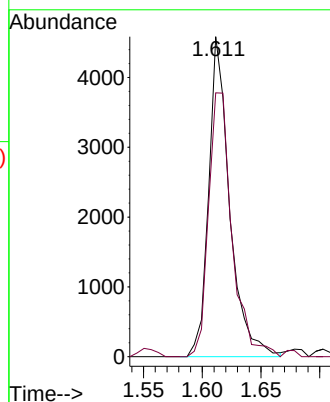
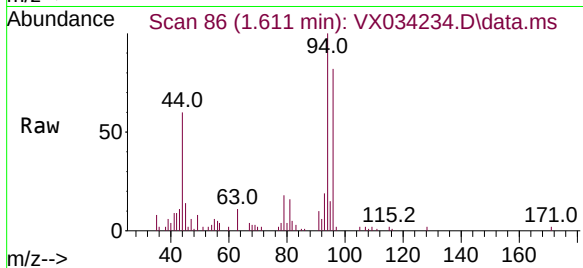
96 82.4 74.3 111.5

Manual Integrations

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#6

Chloroethane

Concen: 3.400 ug/l

RT: 1.685 min Scan# 98

Delta R.T. 0.000 min

Lab File: VX034234.D

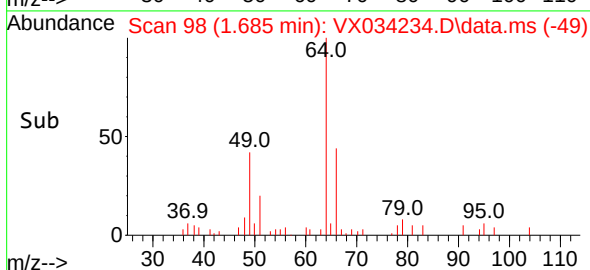
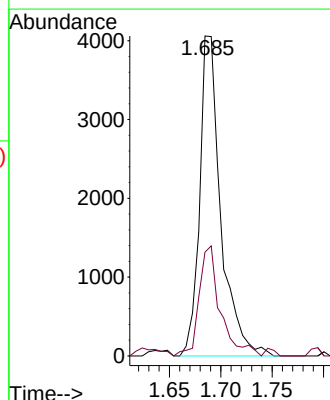
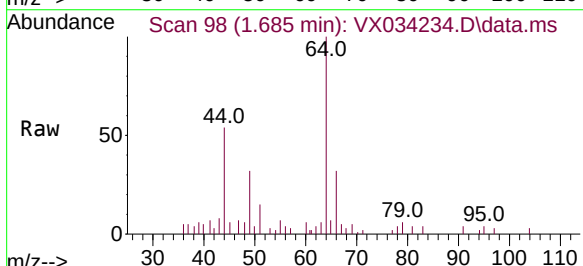
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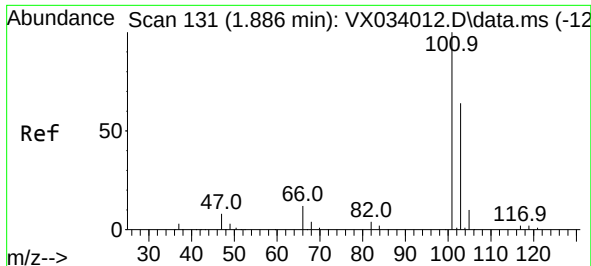
Tgt Ion: 64 Resp: 5823

Ion Ratio Lower Upper

64 100

66 32.4 26.1 39.1





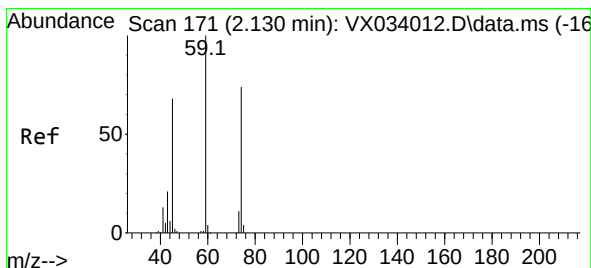
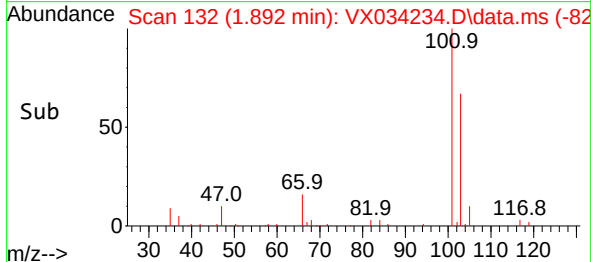
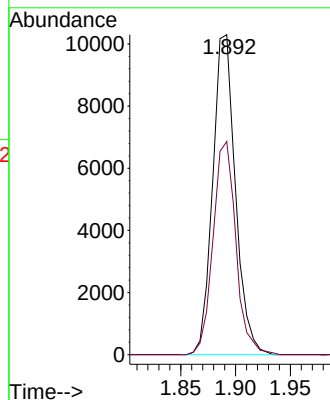
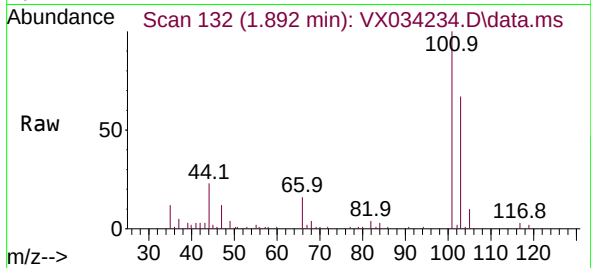
#7
Trichlorofluoromethane
Concen: 3.224 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:101 Resp: 14860
Ion Ratio Lower Upper
101 100
103 66.6 50.6 75.8

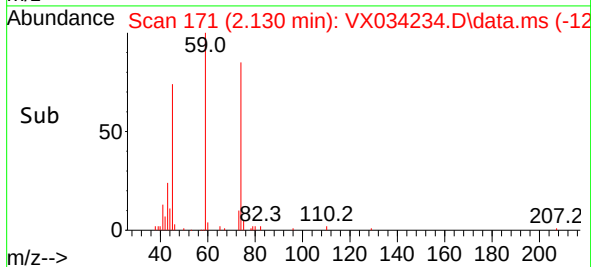
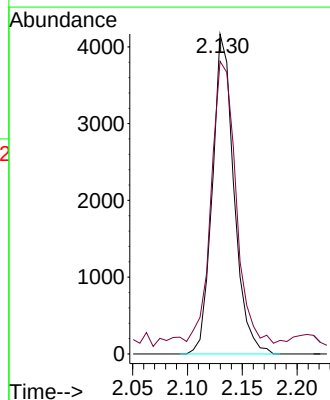
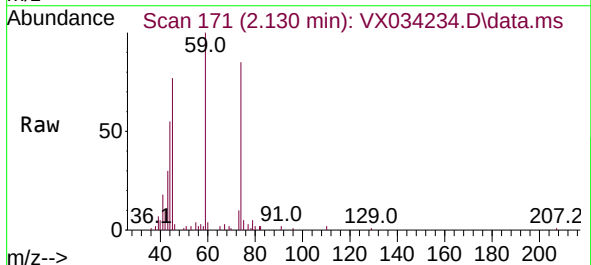
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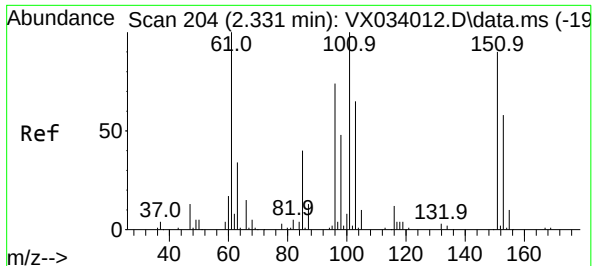
Reviewed By :John Carlone 02/23/2023
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#8
Diethyl Ether
Concen: 3.069 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion: 74 Resp: 5698
Ion Ratio Lower Upper
74 100
45 109.1 51.5 154.5





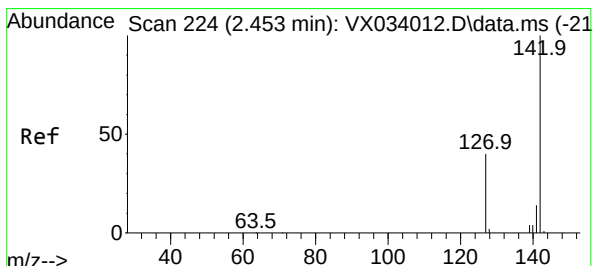
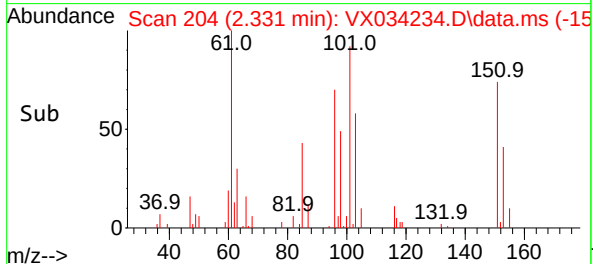
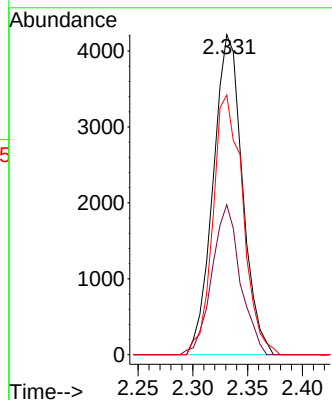
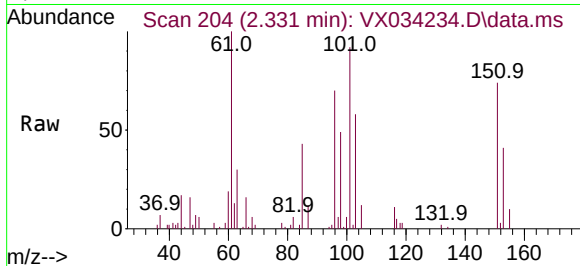
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.414 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:101 Resp: 783
Ion Ratio Lower Upper
101 100
85 45.4 36.7 55.1
151 82.5 66.5 99.7

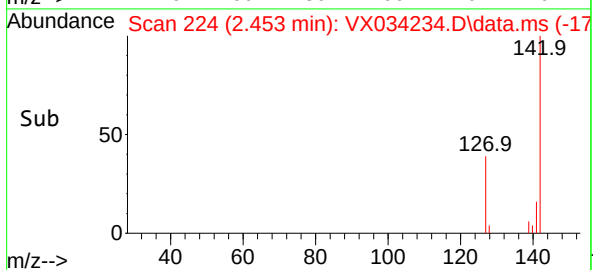
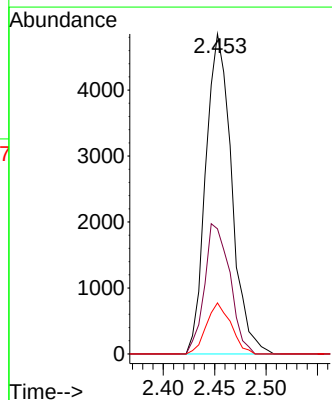
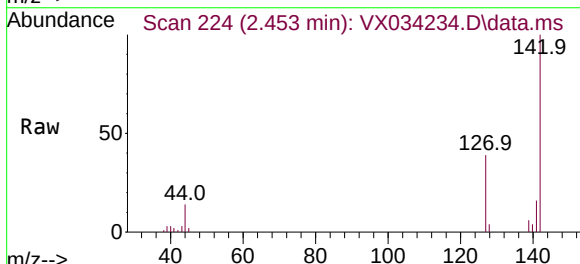
Manual Integrations
APPROVED

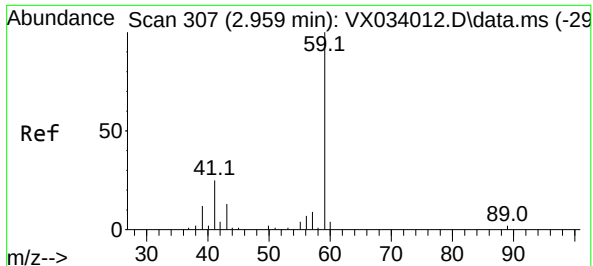
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#10
Methyl Iodide
Concen: 2.148 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion:142 Resp: 8490
Ion Ratio Lower Upper
142 100
127 39.9 37.3 55.9
141 15.1 11.5 17.3





#11

Tert butyl alcohol

Concen: 14.918 ug/l

RT: 2.965 min Scan# 307

Delta R.T. 0.012 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion: 59 Resp: 13518

Ion Ratio Lower Upper

59 100

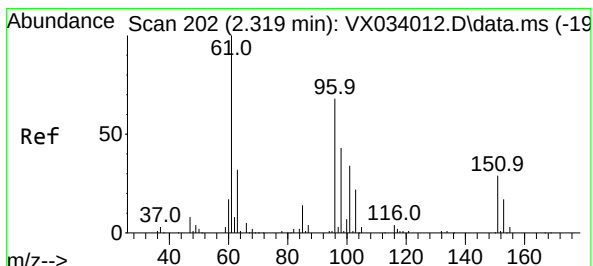
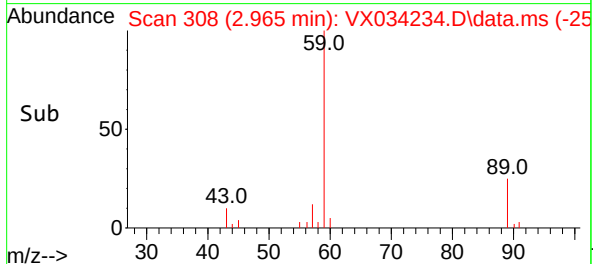
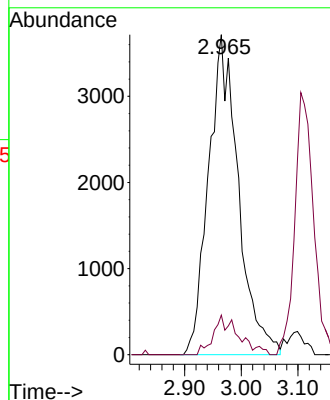
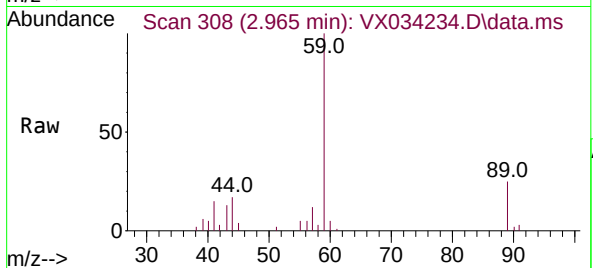
57 9.8 3.7 5.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#12

1,1-Dichloroethene

Concen: 2.469 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

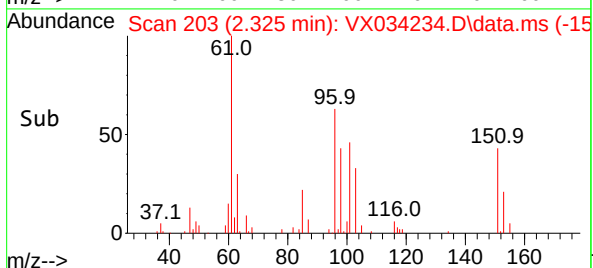
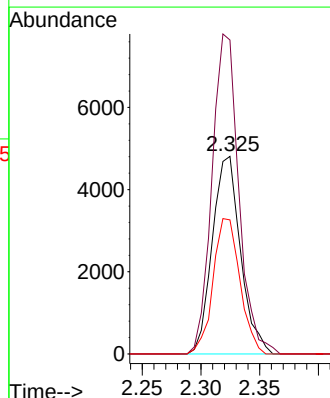
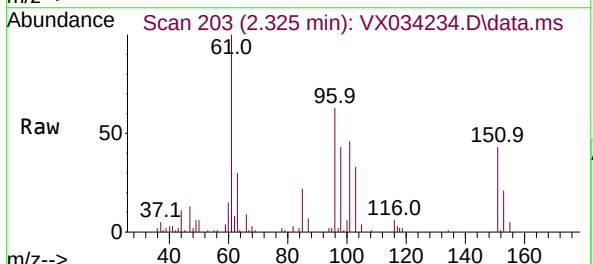
Tgt Ion: 96 Resp: 8034

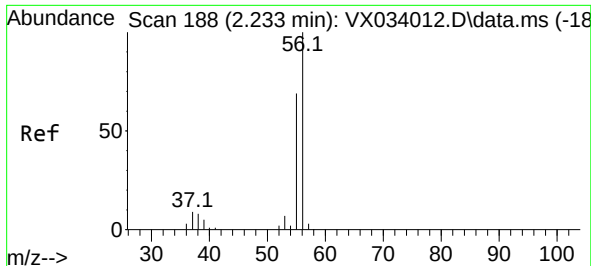
Ion Ratio Lower Upper

96 100

61 158.9 134.2 201.4

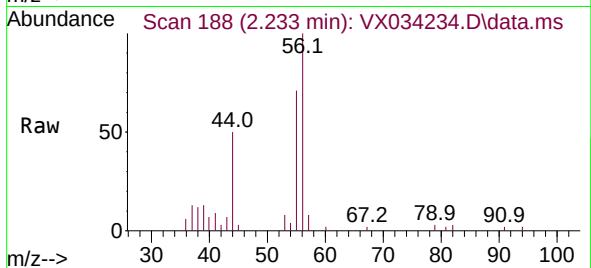
98 67.9 50.2 75.2





#13
Acrolein
Concen: 12.487 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

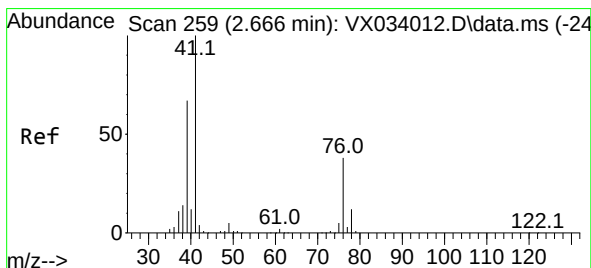
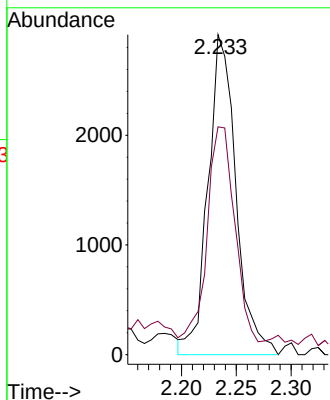
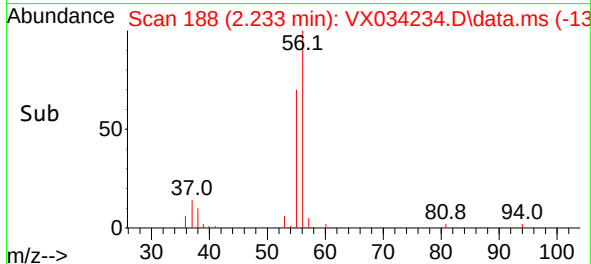
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 56 Resp: 516
Ion Ratio Lower Upper
56 100
55 65.0 56.3 84.5

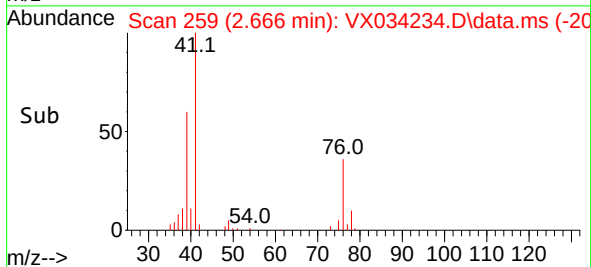
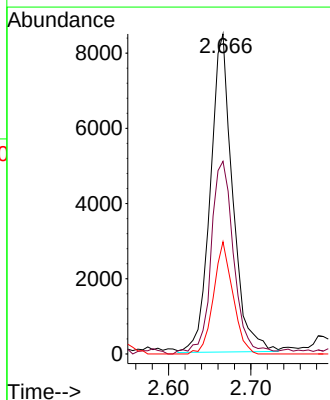
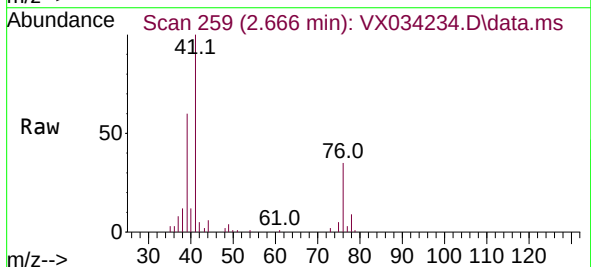
Manual Integrations
APPROVED

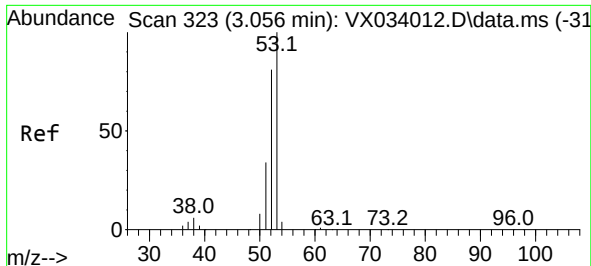
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#14
Allyl chloride
Concen: 2.306 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

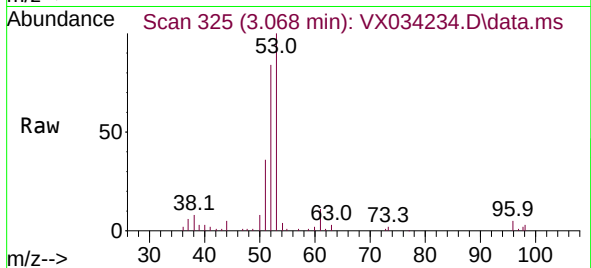
Tgt Ion: 41 Resp: 15913
Ion Ratio Lower Upper
41 100
39 62.0 59.0 88.4
76 30.6 24.6 37.0





#15
Acrylonitrile
Concen: 11.935 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

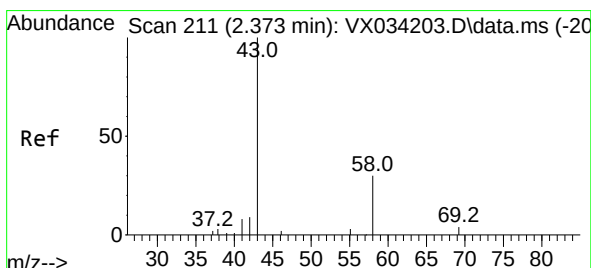
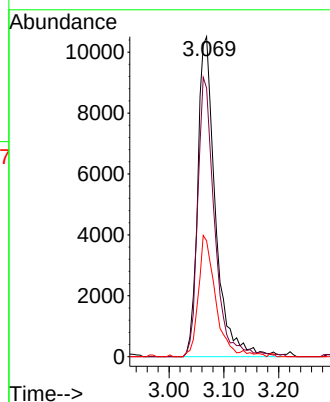
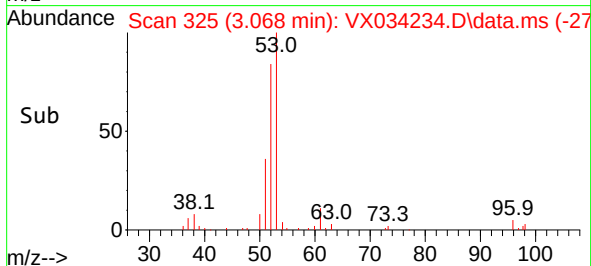
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 53 Resp: 2359
Ion Ratio Lower Upper
53 100
52 82.6 65.7 98.5
51 36.0 29.0 43.4

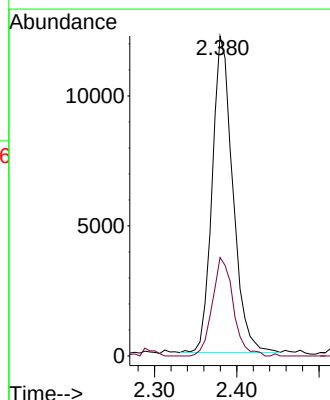
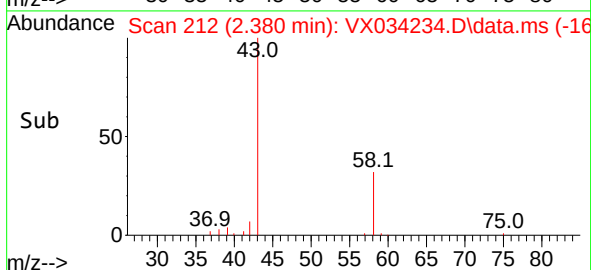
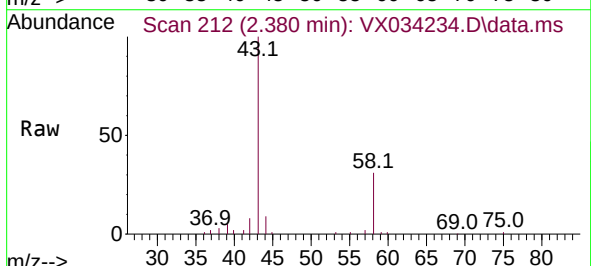
Manual Integrations
APPROVED

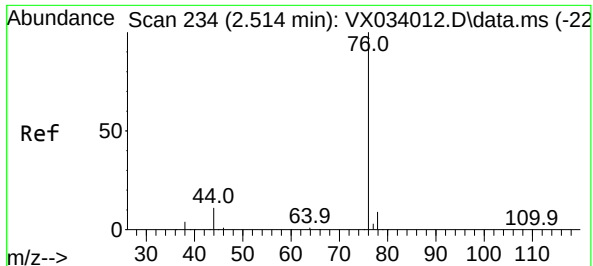
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#16
Acetone
Concen: 10.156 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

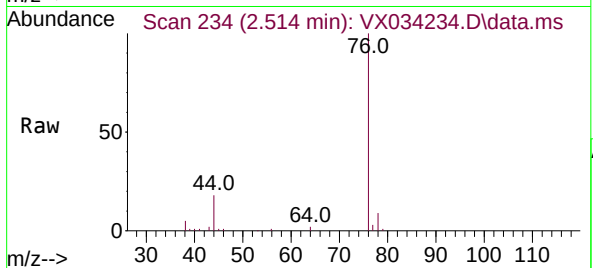
Tgt Ion: 43 Resp: 21226
Ion Ratio Lower Upper
43 100
58 31.1 22.6 33.8





#17
Carbon Disulfide
Concen: 2.224 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

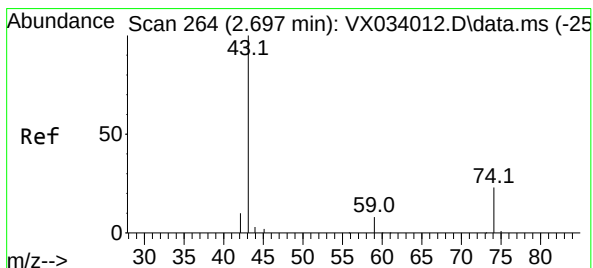
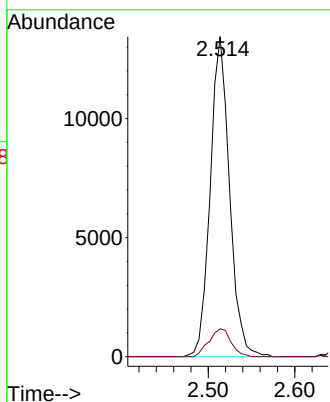
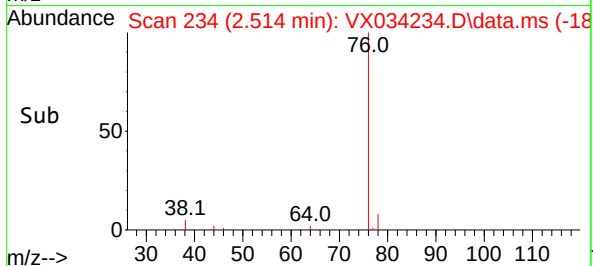
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 76 Resp: 20804
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6

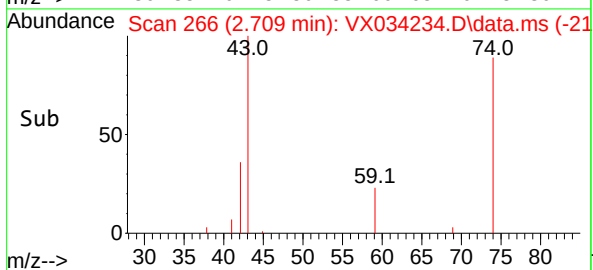
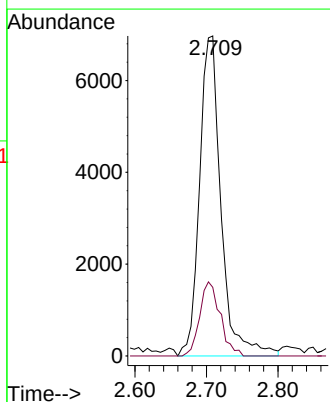
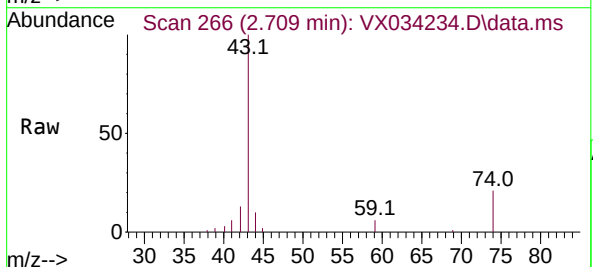
Manual Integrations
APPROVED

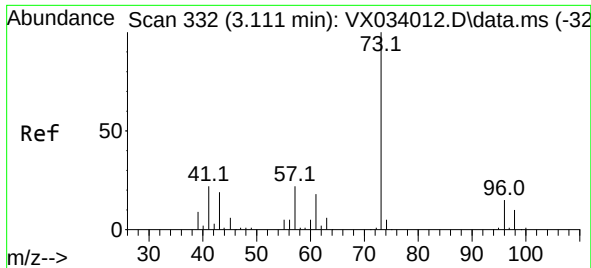
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#18
Methyl Acetate
Concen: 2.246 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

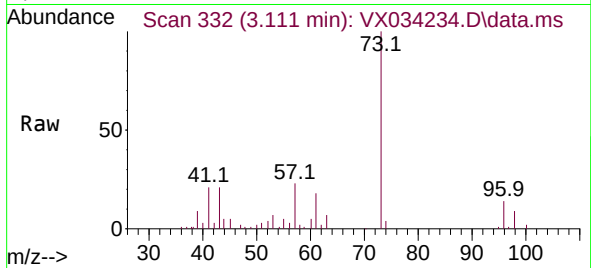
Tgt Ion: 43 Resp: 14525
Ion Ratio Lower Upper
43 100
74 22.1 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 2.539 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

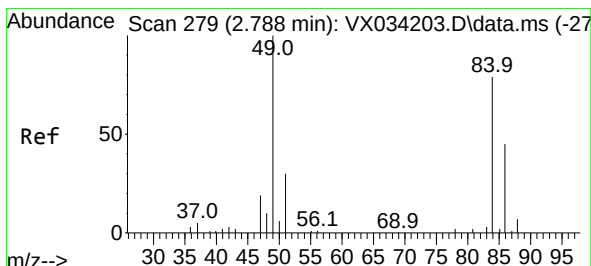
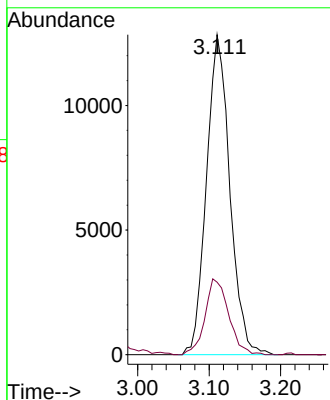
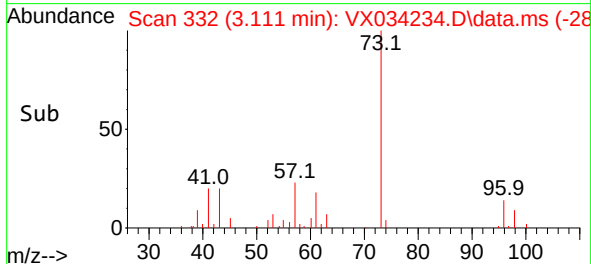
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 73 Resp: 29154
Ion Ratio Lower Upper
73 100
57 22.6 17.4 26.0

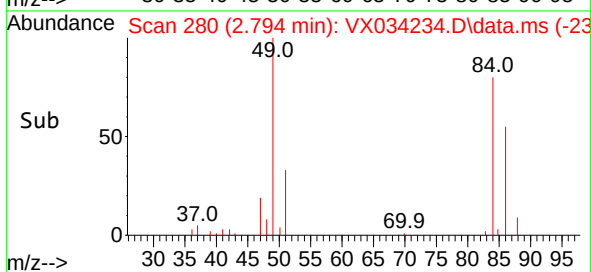
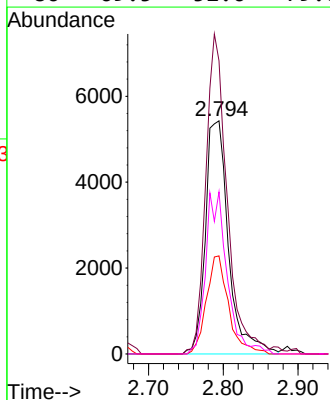
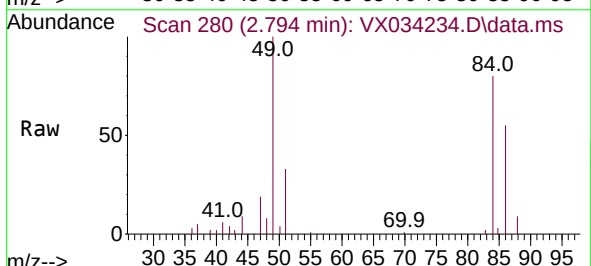
Manual Integrations
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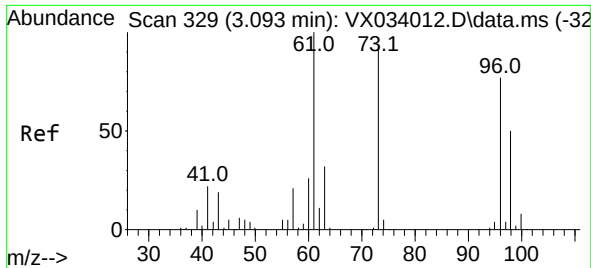
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#20
Methylene Chloride
Concen: 3.098 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

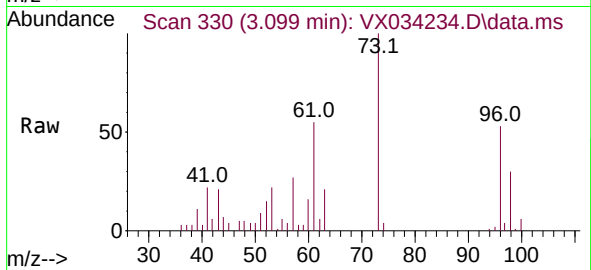
Tgt Ion: 84 Resp: 11665
Ion Ratio Lower Upper
84 100
49 125.8 101.1 151.7
51 42.1 31.0 46.6
86 69.5 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 2.559 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

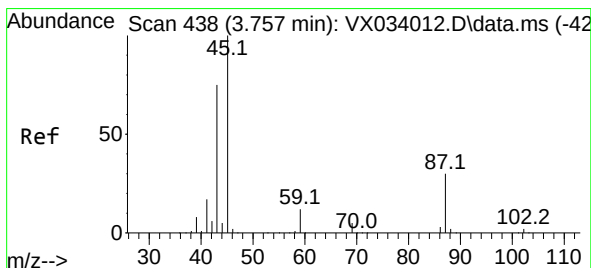
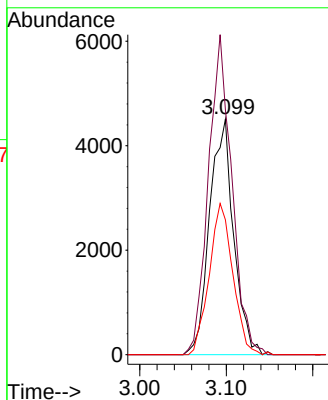
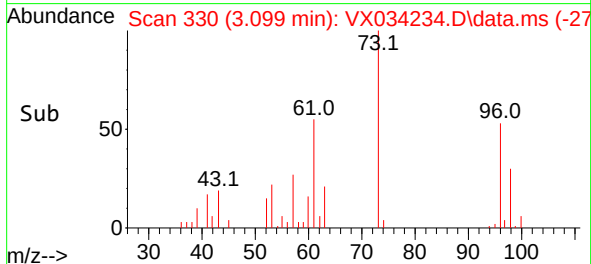
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023



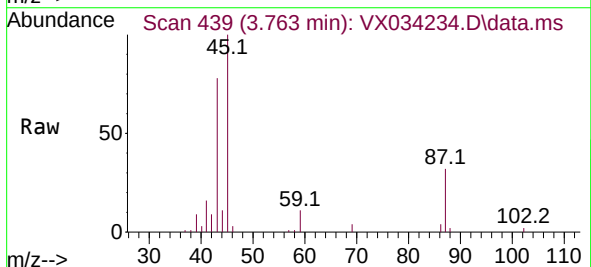
Tgt Ion: 96 Resp: 8725
Ion Ratio Lower Upper
96 100
61 104.0 106.7 160.1
98 57.3 50.0 75.0

Manual Integrations
APPROVED

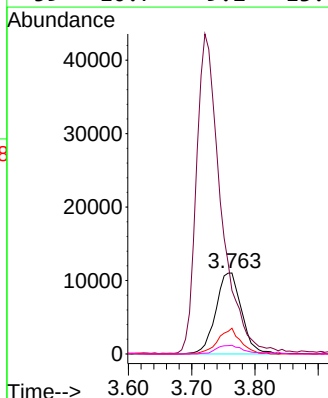
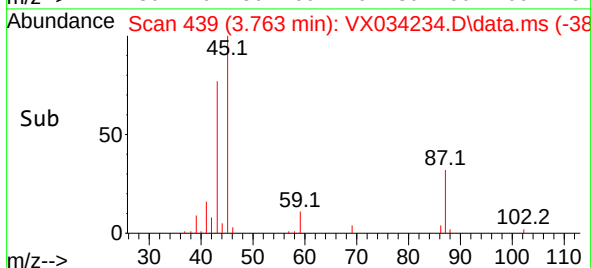
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

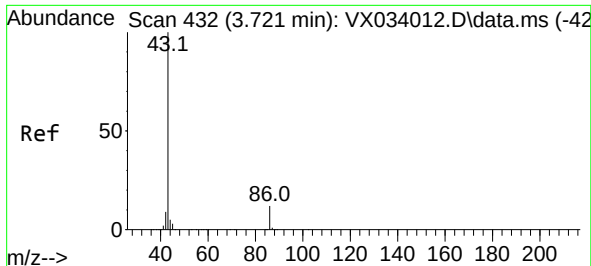


#22
Diisopropyl ether
Concen: 2.569 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18



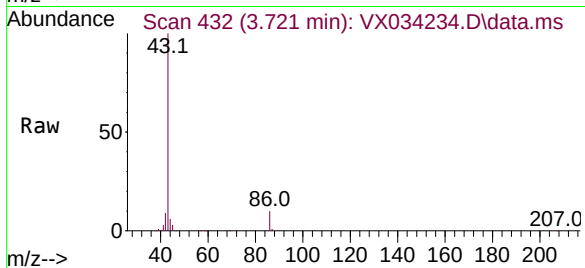
Tgt Ion: 45 Resp: 31089
Ion Ratio Lower Upper
45 100
43 76.6 64.6 97.0
87 31.8 21.9 32.9
59 10.7 9.2 13.8





#23
 Vinyl Acetate
 Concen: 12.178 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034234.D
 Acq: 22 Feb 2023 17:18

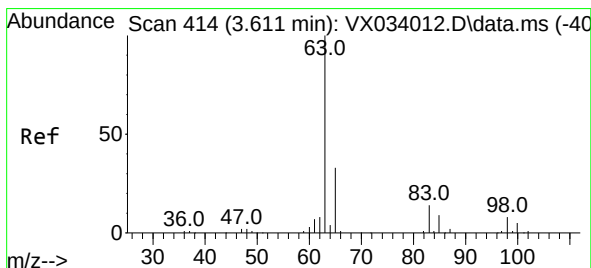
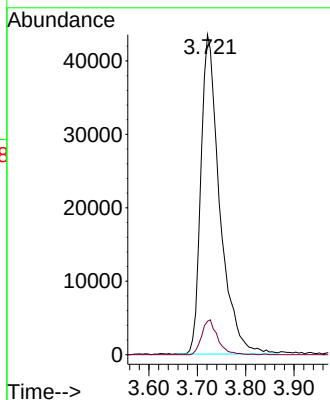
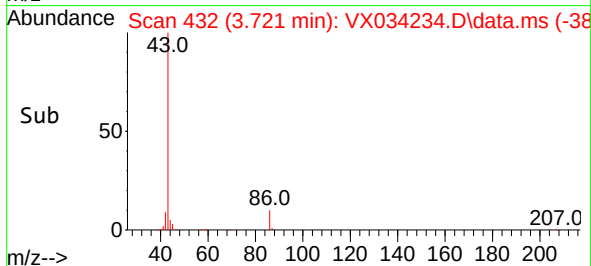
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2023



Tgt Ion: 43 Resp: 11806
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.4 12.6

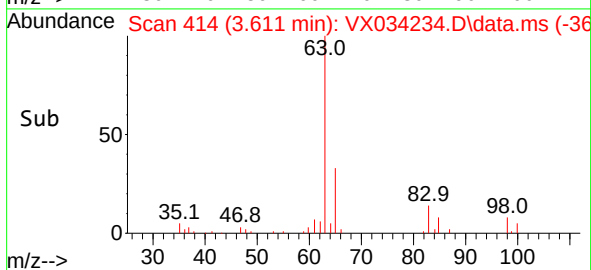
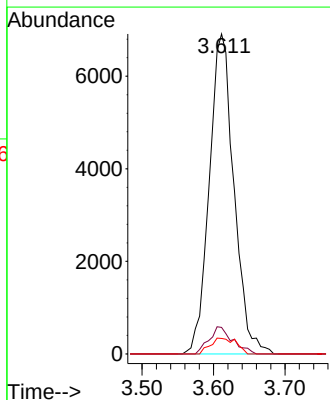
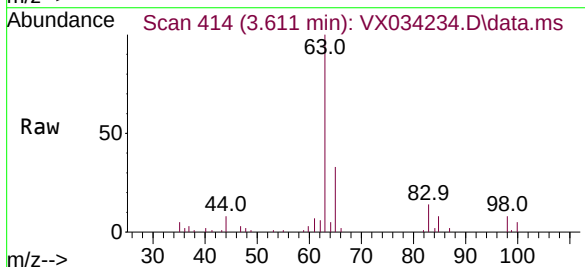
Manual Integrations
 APPROVED

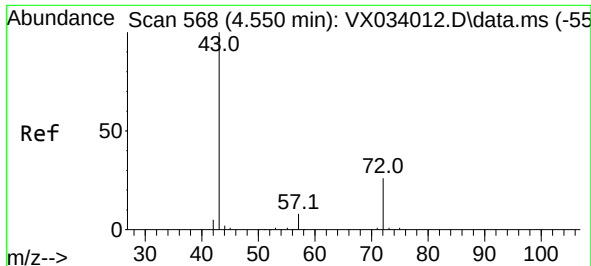
Reviewed By :John Carlone 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#24
 1,1-Dichloroethane
 Concen: 2.491 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034234.D
 Acq: 22 Feb 2023 17:18

Tgt Ion: 63 Resp: 16544
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.8 11.2
 100 4.9 2.4 7.2





#25

2-Butanone

Concen: 10.788 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion: 43 Resp: 3262

Ion Ratio Lower Upper

43 100

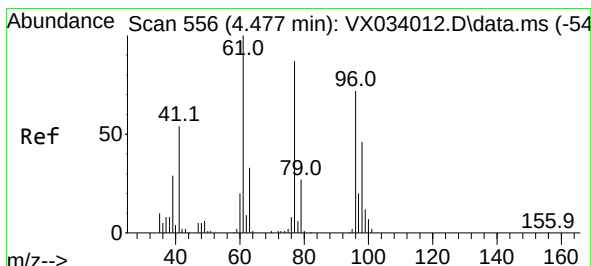
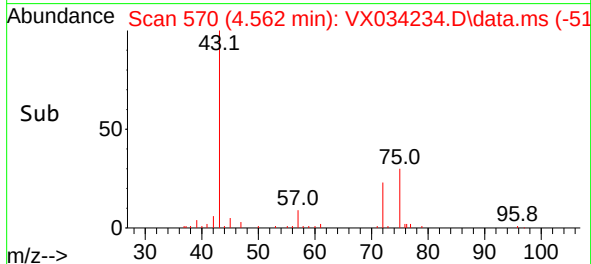
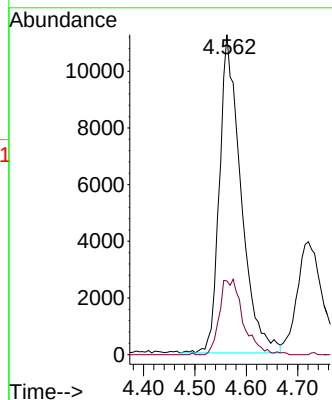
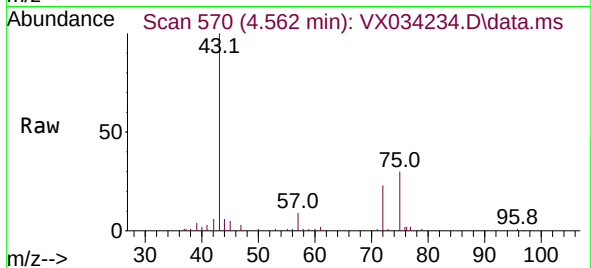
72 23.2 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#26

2,2-Dichloropropane

Concen: 2.237 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.012 min

Lab File: VX034234.D

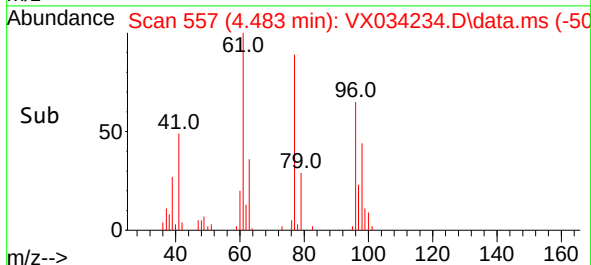
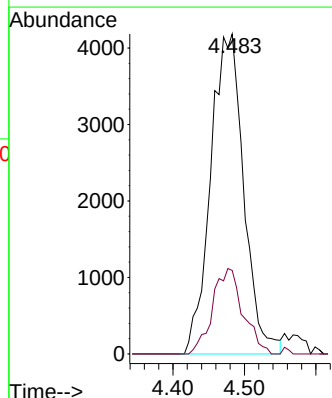
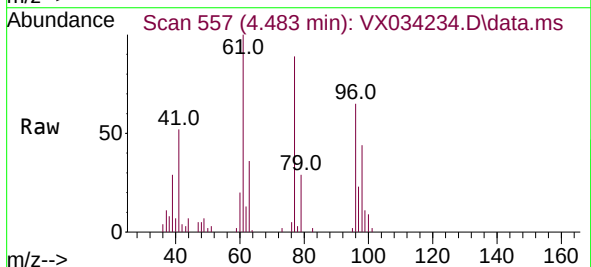
Acq: 22 Feb 2023 17:18

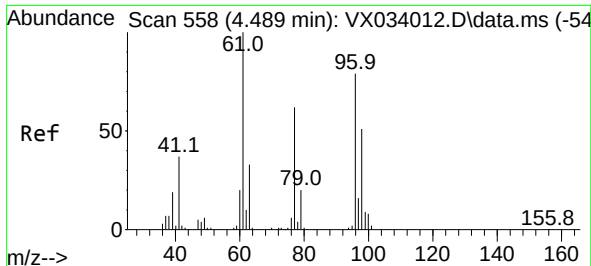
Tgt Ion: 77 Resp: 13463

Ion Ratio Lower Upper

77 100

97 24.5 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 2.539 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

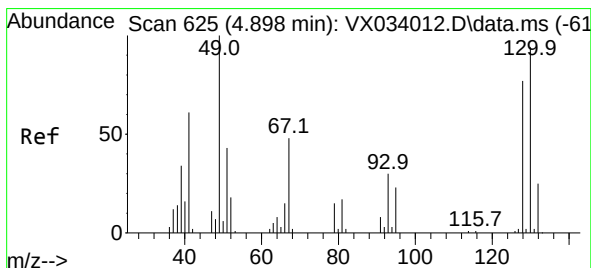
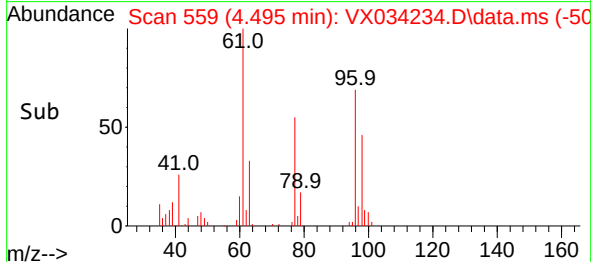
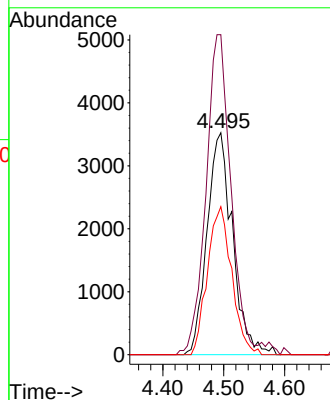
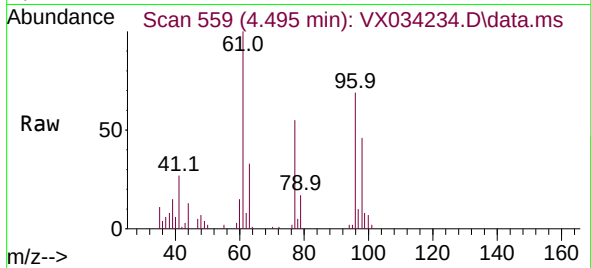
Tgt Ion:	96	Resp:	1025
Ion Ratio	Lower	Upper	
96	100		
61	140.5	0.0	277.6
98	63.5	0.0	128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#28

Bromochloromethane

Concen: 2.349 ug/l

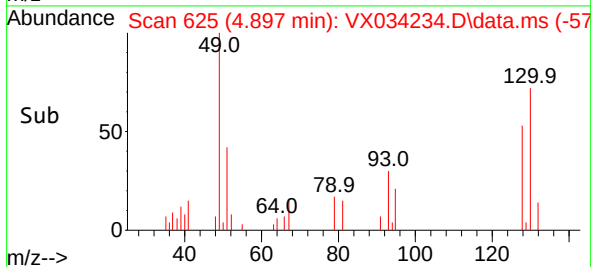
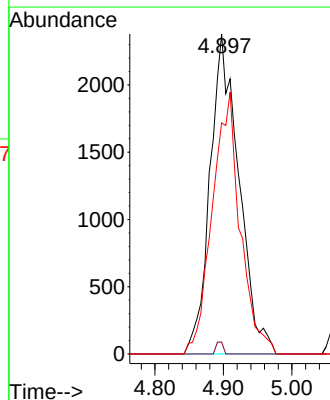
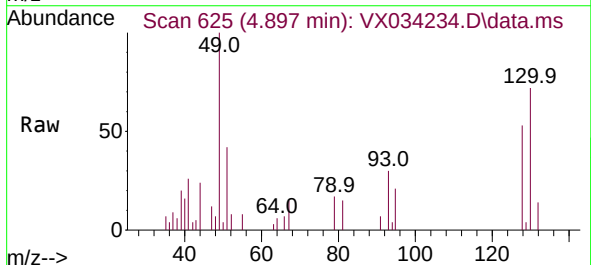
RT: 4.897 min Scan# 625

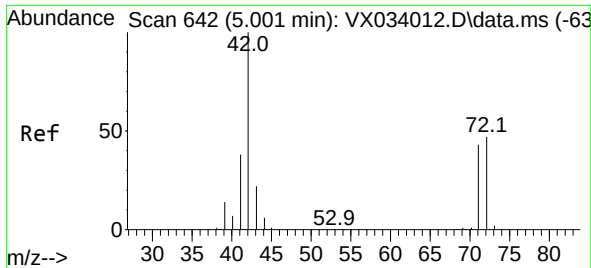
Delta R.T. 0.006 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

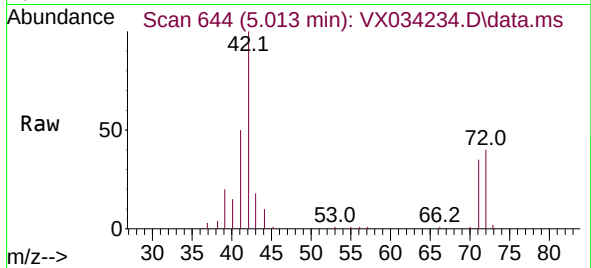
Tgt Ion:	49	Resp:	6962
Ion Ratio	Lower	Upper	
49	100		
129	0.9	0.0	4.6
130	78.8	68.5	102.7





#29
Tetrahydrofuran
Concen: 11.717 ug/l
RT: 5.013 min Scan# 642
Delta R.T. 0.018 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

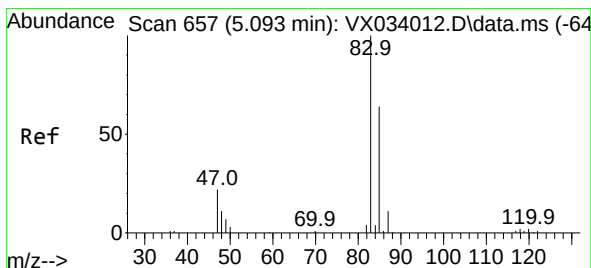
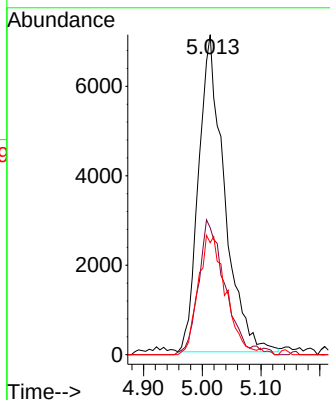
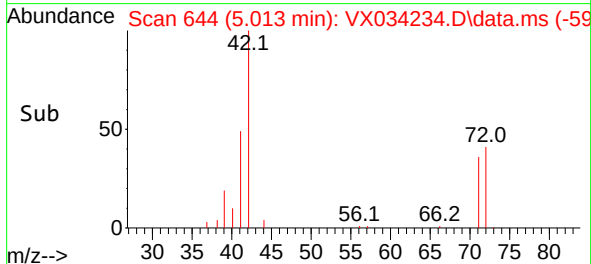
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 42 Resp: 21614
Ion Ratio Lower Upper
42 100
72 42.7 34.8 52.2
71 40.8 32.2 48.2

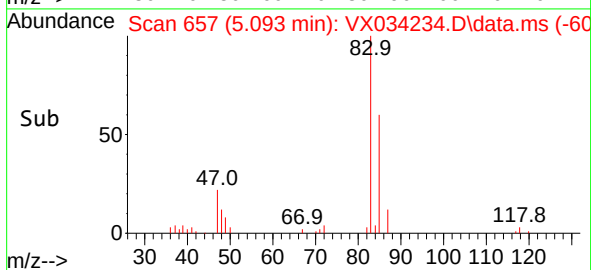
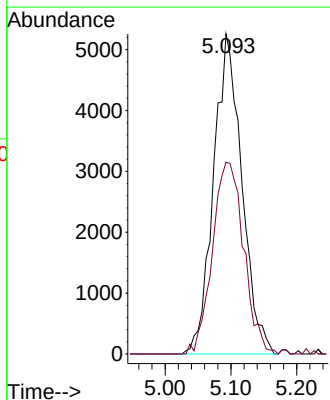
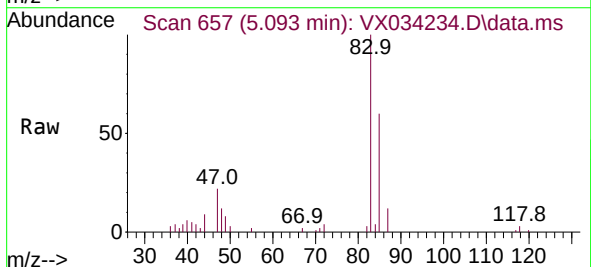
Manual Integrations
APPROVED

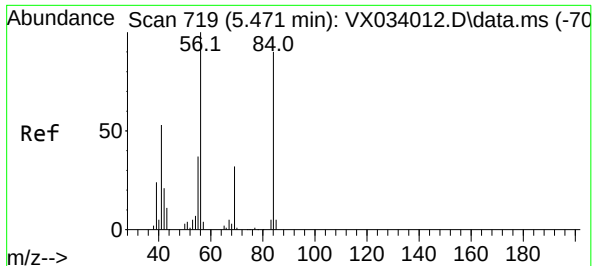
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#30
Chloroform
Concen: 2.463 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

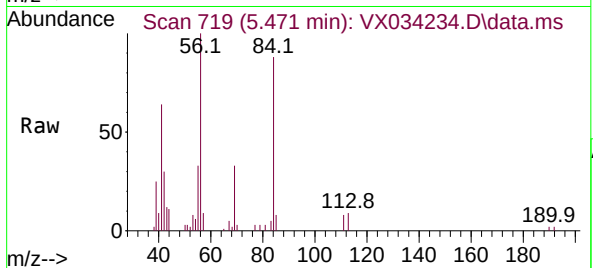
Tgt Ion: 83 Resp: 15713
Ion Ratio Lower Upper
83 100
85 59.9 52.1 78.1





#31
Cyclohexane
Concen: 2.504 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

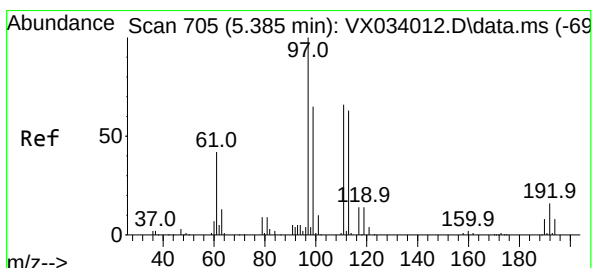
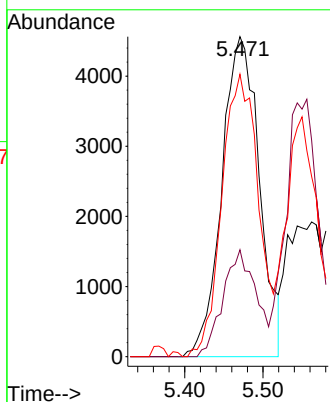
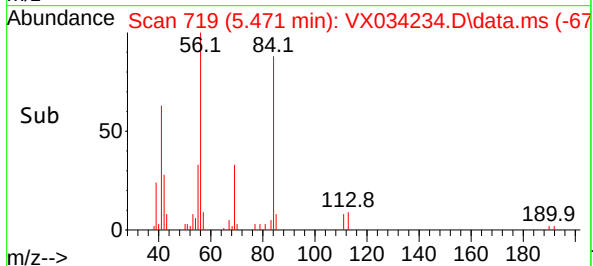
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 56 Resp: 1514
Ion Ratio Lower Upper
56 100
69 33.4 24.6 37.0
84 87.0 71.0 106.6

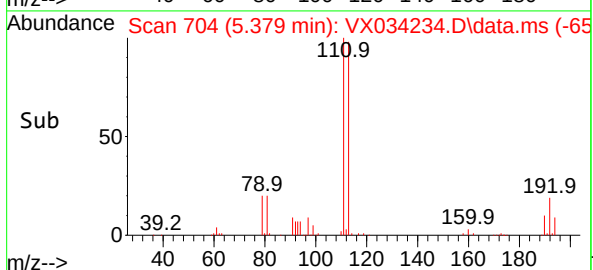
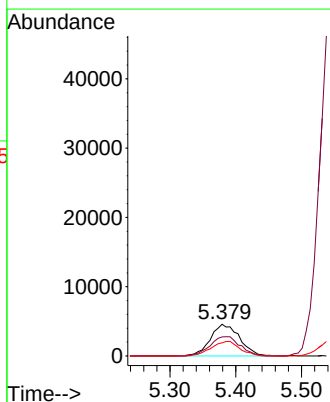
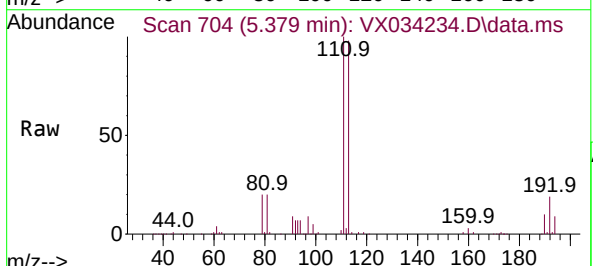
Manual Integrations
APPROVED

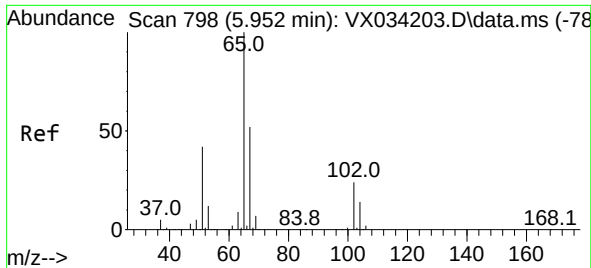
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#32
1,1,1-Trichloroethane
Concen: 2.476 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion: 97 Resp: 14157
Ion Ratio Lower Upper
97 100
99 62.6 52.3 78.5
61 44.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 44.240 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion: 65 Resp: 179230

Ion Ratio Lower Upper

65 100

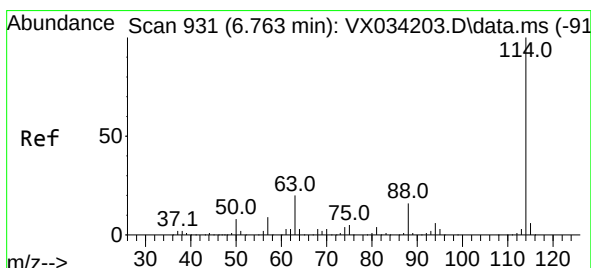
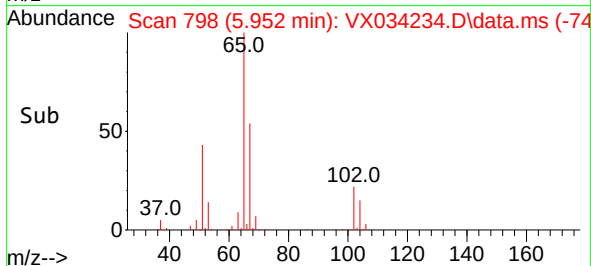
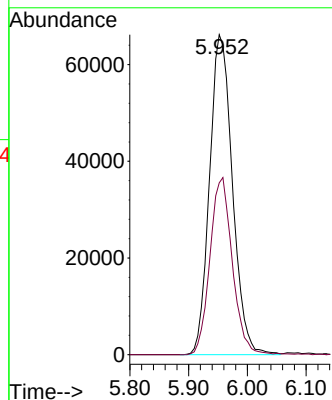
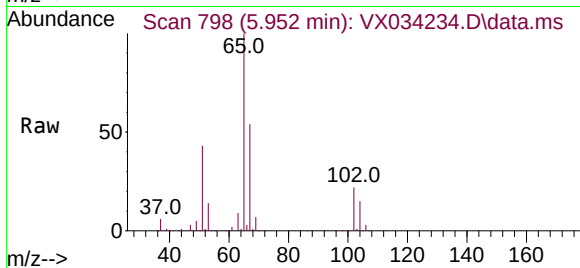
67 54.0 0.0 104.8

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: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

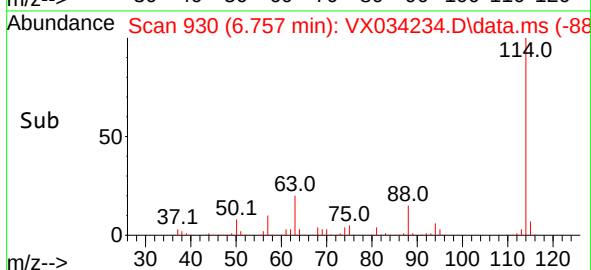
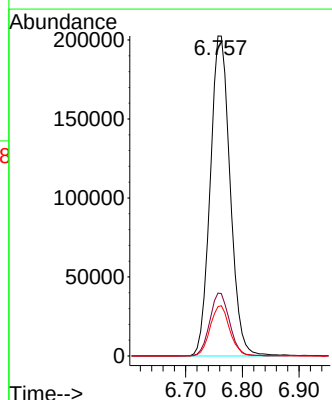
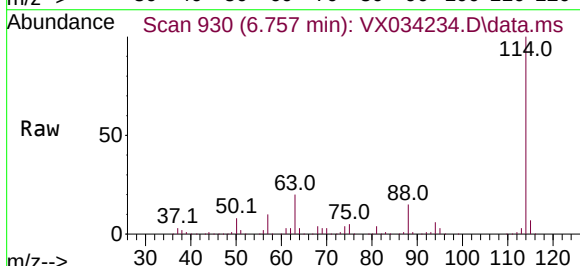
Tgt Ion:114 Resp: 493130

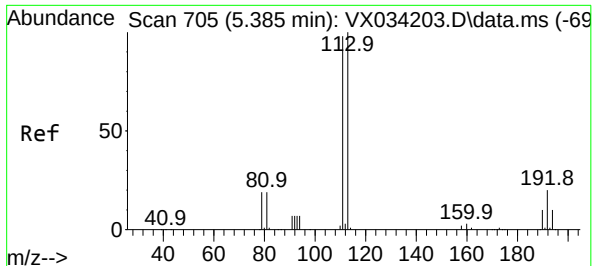
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

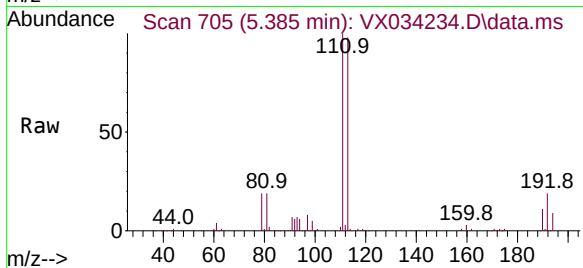
88 15.4 0.0 30.6





#35
Dibromofluoromethane
Concen: 48.548 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

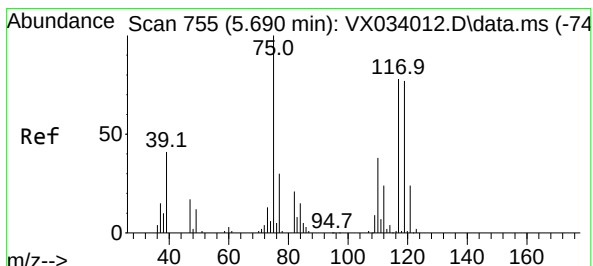
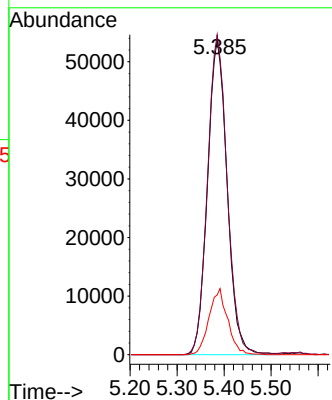
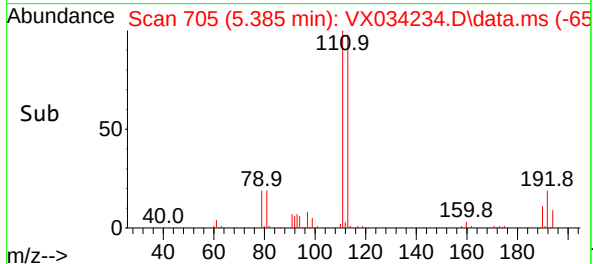
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:113 Resp: 15587
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.6
192 19.9 19.0 28.4

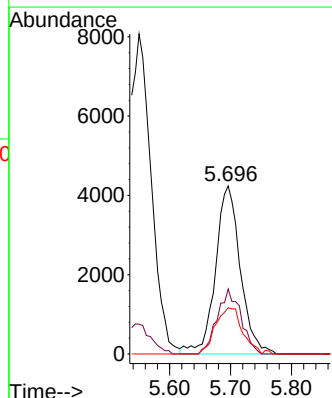
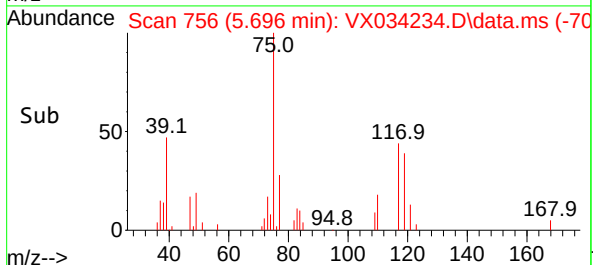
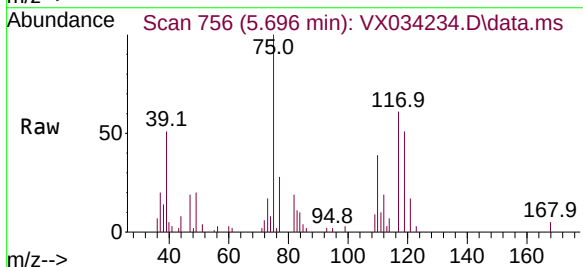
Manual Integrations
APPROVED

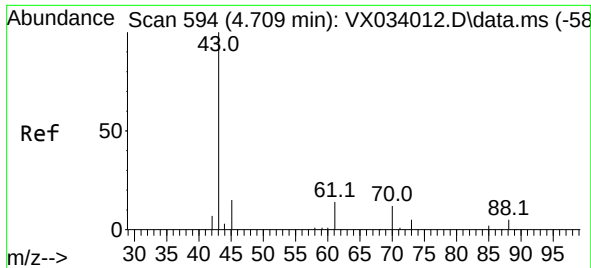
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#36
1,1-Dichloropropene
Concen: 2.532 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion: 75 Resp: 12022
Ion Ratio Lower Upper
75 100
110 36.6 18.8 56.4
77 30.1 25.1 37.7





#37

Ethyl Acetate

Concen: 2.797 ug/l m

RT: 4.721 min Scan# 594

Delta R.T. 0.012 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

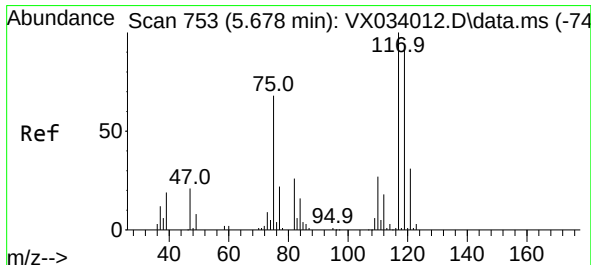
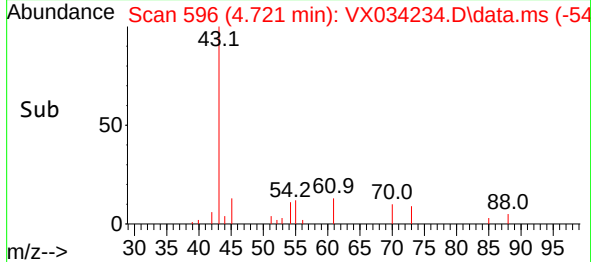
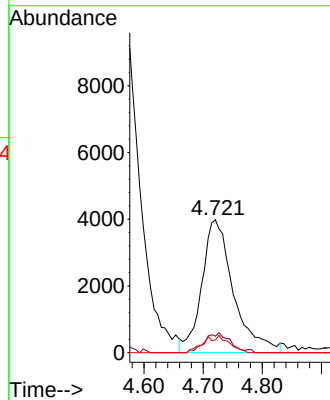
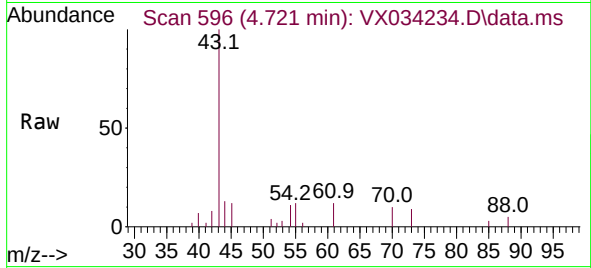
ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion: 43	Resp: 1484
Ion Ratio	Lower Upper
43 100	
61 11.8	11.1 16.7
70 4.4	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: 2.480 ug/l

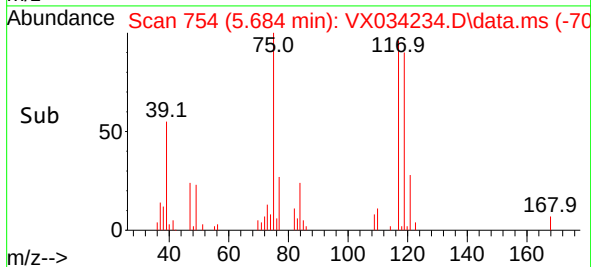
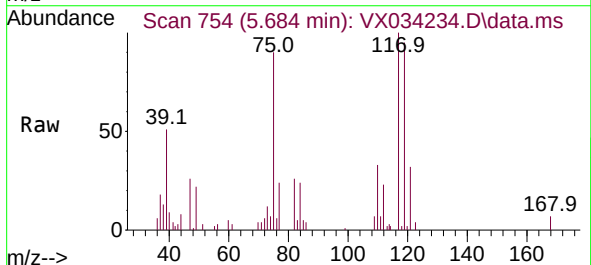
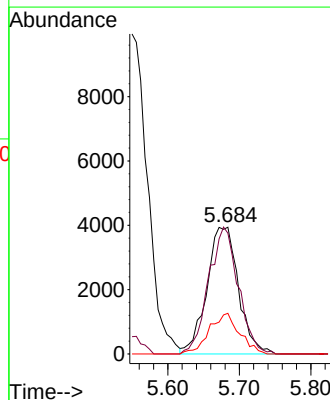
RT: 5.684 min Scan# 754

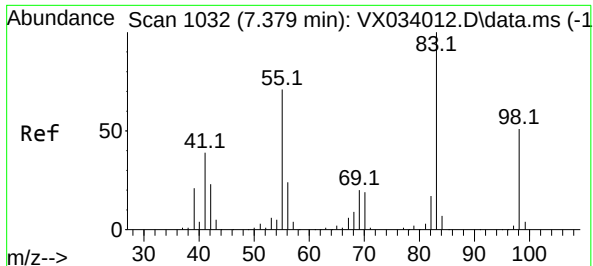
Delta R.T. 0.012 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Tgt Ion: 117	Resp: 12119
Ion Ratio	Lower Upper
117 100	
119 95.3	78.0 117.0
121 32.1	24.4 36.6





#39

Methylcyclohexane

Concen: 2.395 ug/l

RT: 7.385 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

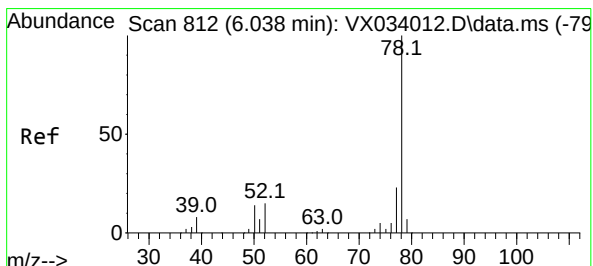
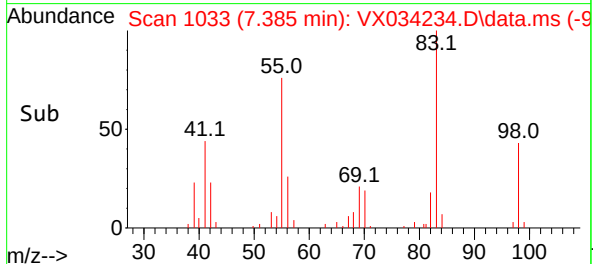
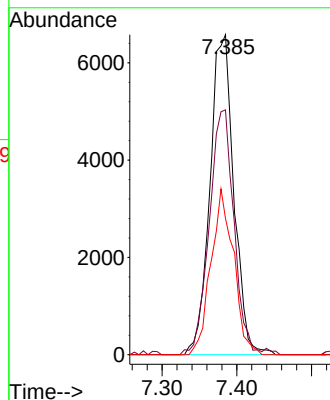
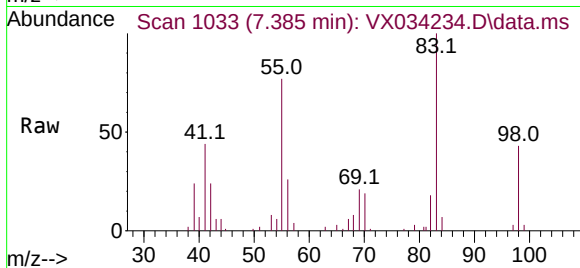
Tgt Ion: 83	Resp: 14638
Ion Ratio	Lower Upper
83 100	
55 76.5	61.8 92.6
98 42.6	39.3 58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#40

Benzene

Concen: 2.572 ug/l

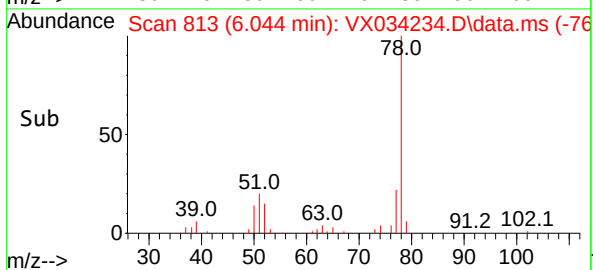
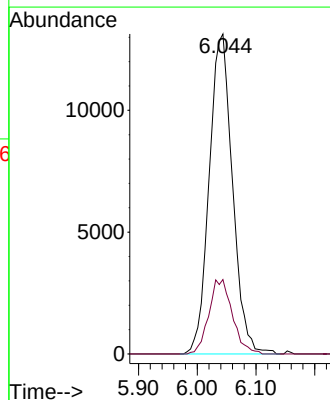
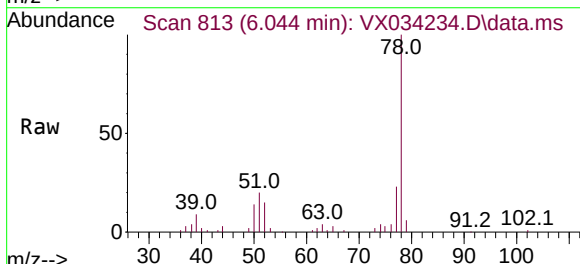
RT: 6.044 min Scan# 813

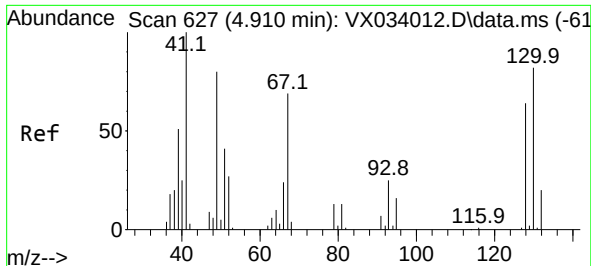
Delta R.T. 0.006 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

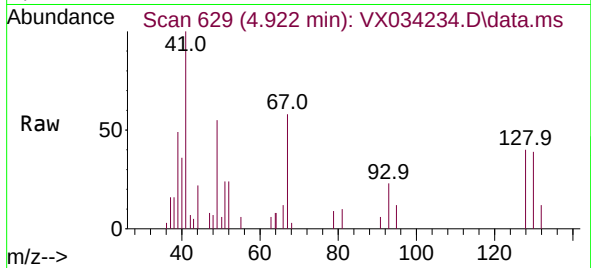
Tgt Ion: 78	Resp: 36192
Ion Ratio	Lower Upper
78 100	
77 23.2	19.0 28.4





#41
Methacrylonitrile
Concen: 2.184 ug/l m
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

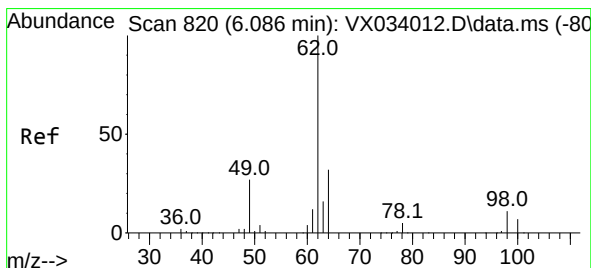
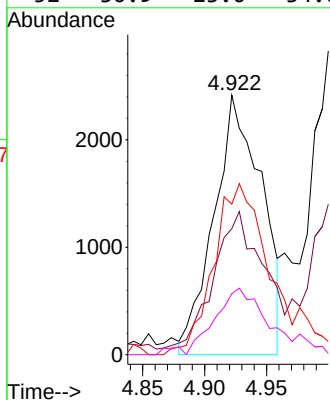
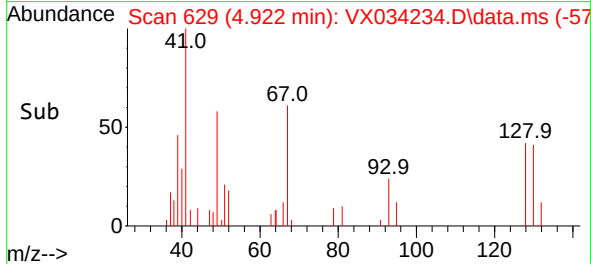
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 41 Resp: 6450
Ion Ratio Lower Upper
41 100
39 54.5 43.8 65.6
67 82.0 54.8 82.2
52 30.9 23.0 34.6

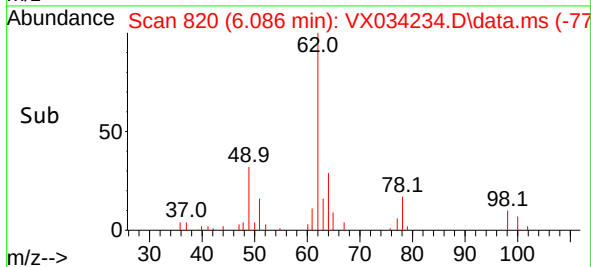
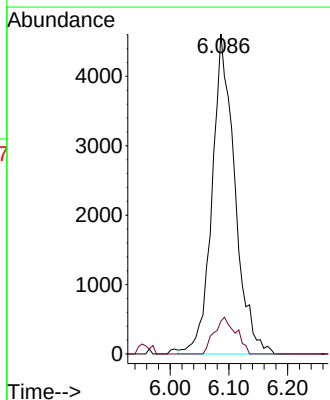
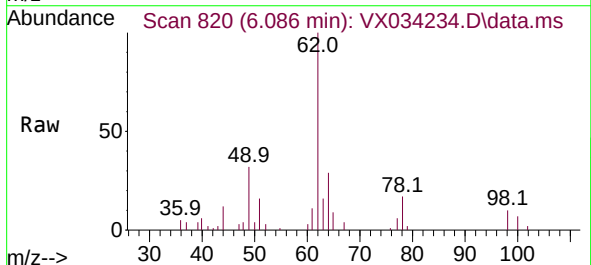
Manual Integrations
APPROVED

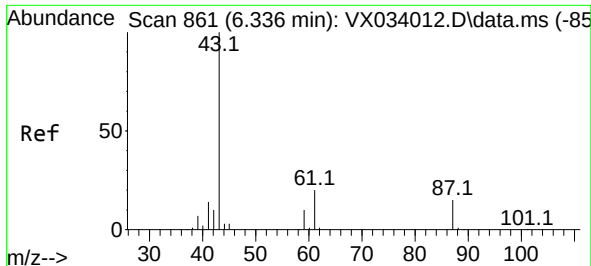
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#42
1,2-Dichloroethane
Concen: 2.506 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion: 62 Resp: 12404
Ion Ratio Lower Upper
62 100
98 10.9 0.0 20.2





#43

Isopropyl Acetate

Concen: 2.348 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

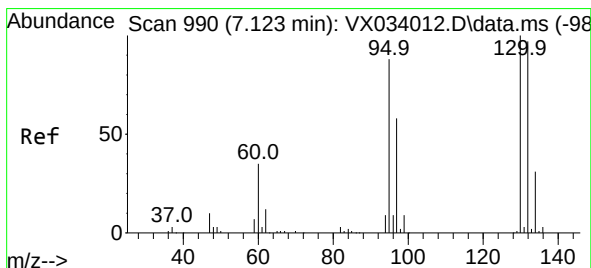
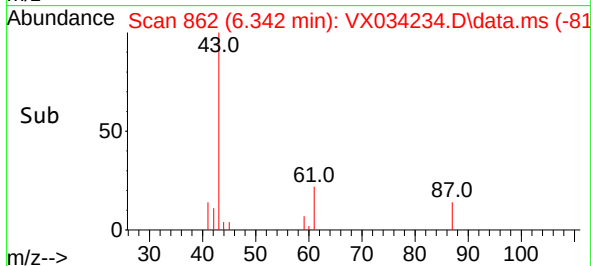
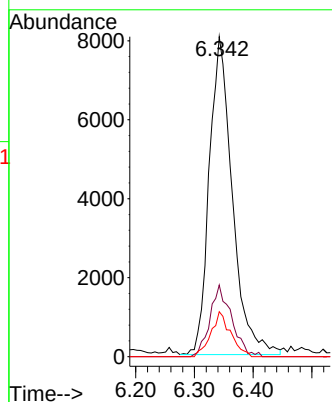
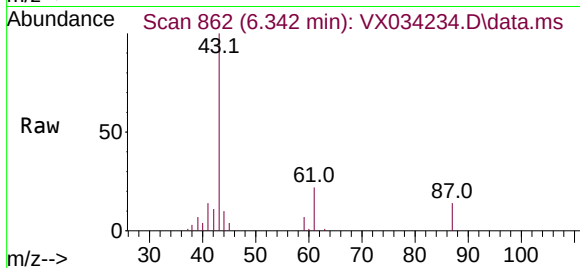
Tgt Ion: 43	Resp: 21984
Ion Ratio	Lower Upper
43 100	
61 21.2	15.7 23.5
87 12.1	10.6 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#44

Trichloroethene

Concen: 2.647 ug/l

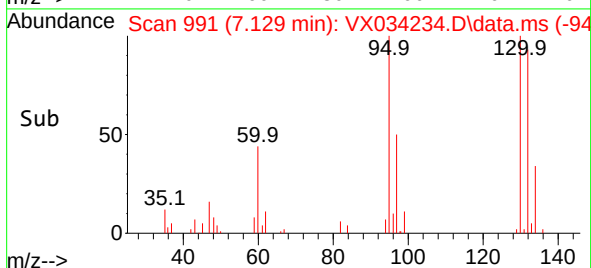
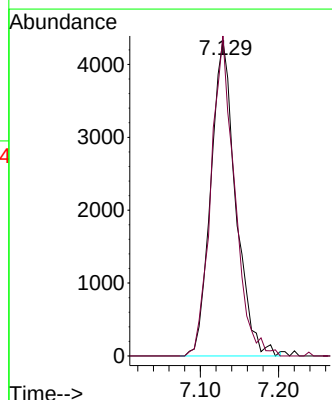
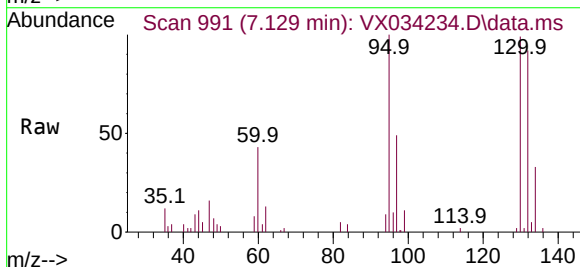
RT: 7.129 min Scan# 991

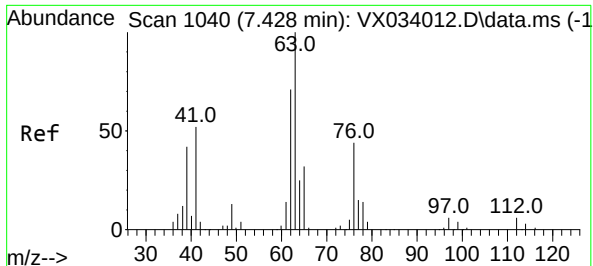
Delta R.T. 0.006 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Tgt Ion:130	Resp: 9558
Ion Ratio	Lower Upper
130 100	
95 101.4	0.0 182.6





#45

1,2-Dichloropropane

Concen: 2.554 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

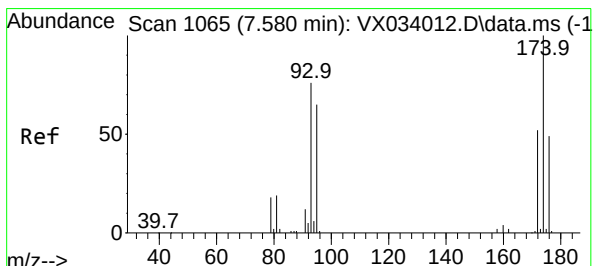
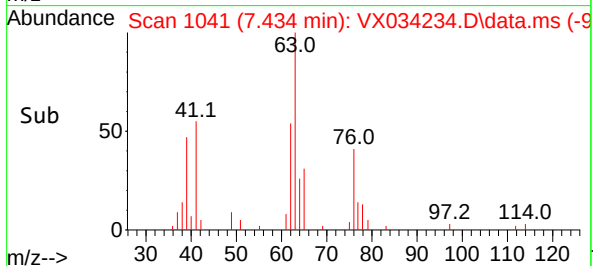
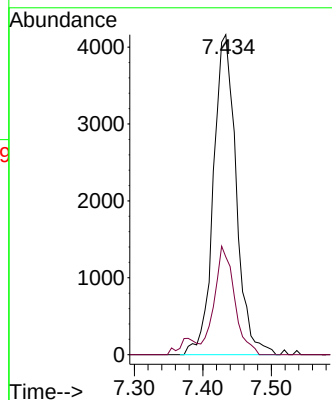
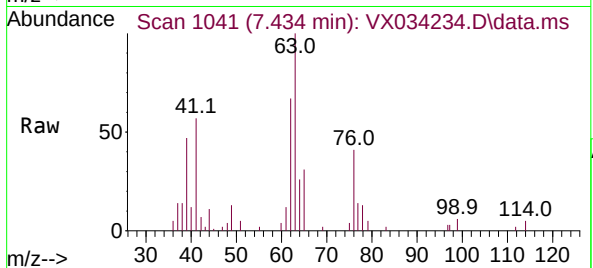
ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion: 63 Resp: 956
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.2 36.2

Manual Integrations
 APPROVED

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



#46

Dibromomethane

Concen: 2.540 ug/l

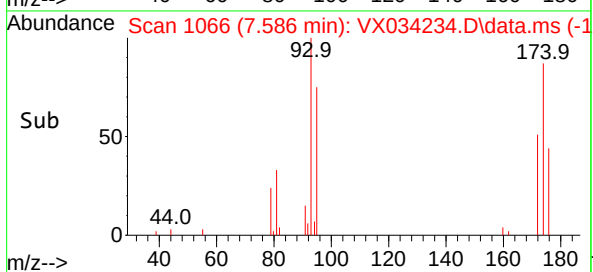
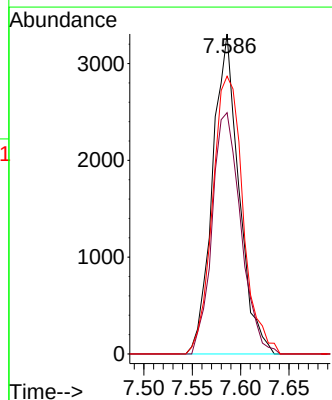
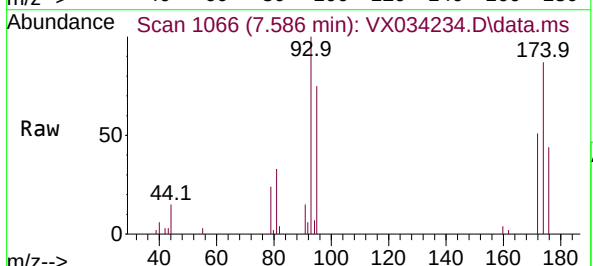
RT: 7.586 min Scan# 1066

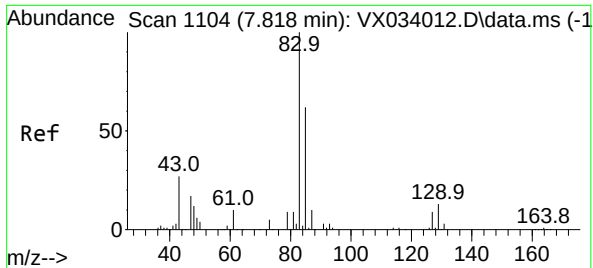
Delta R.T. 0.006 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

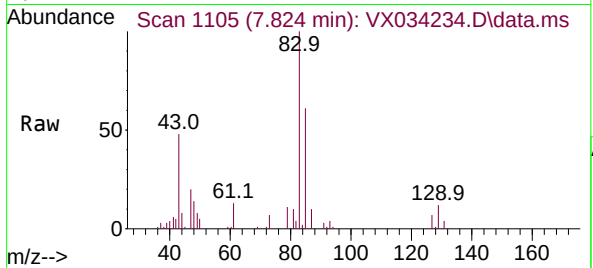
Tgt Ion: 93 Resp: 6261
 Ion Ratio Lower Upper
 93 100
 95 82.0 67.6 101.4
 174 99.9 97.4 146.0





#47
Bromodichloromethane
Concen: 2.361 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

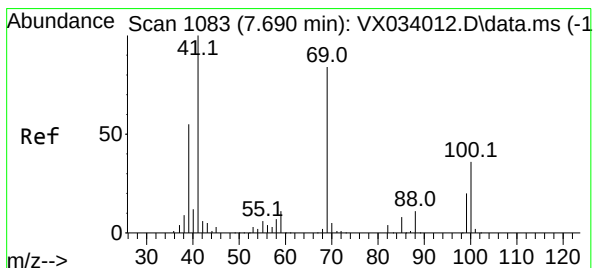
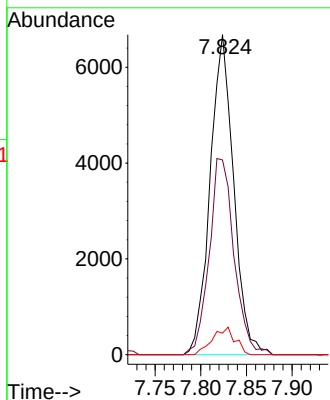
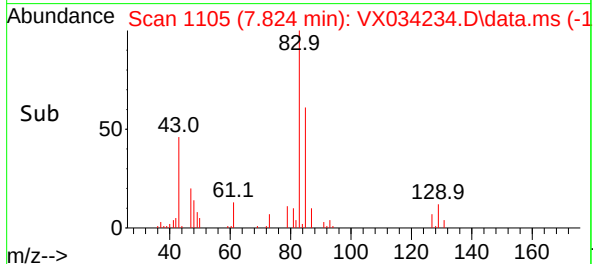
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023



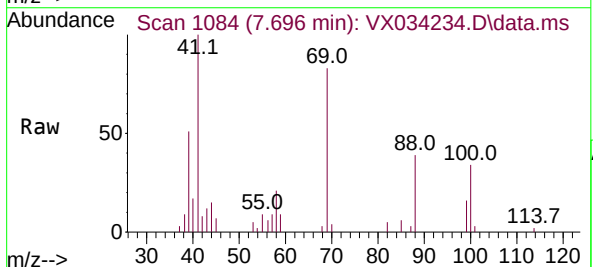
Tgt Ion: 83 Resp: 1194
Ion Ratio Lower Upper
83 100
85 60.8 49.8 74.6
127 6.8 7.0 10.4

Manual Integrations
APPROVED

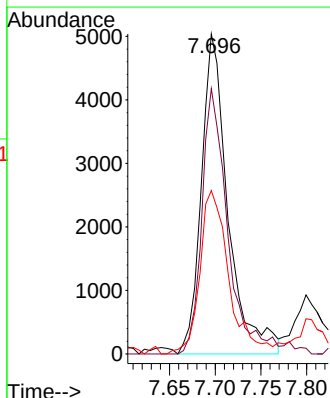
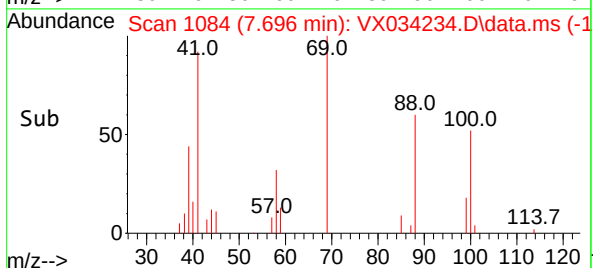
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

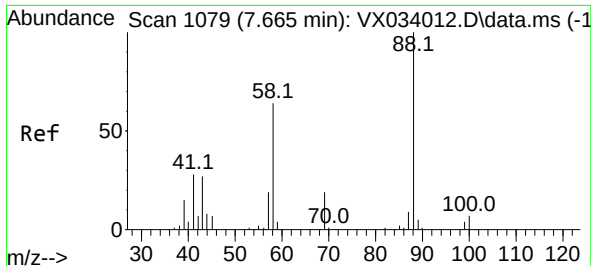


#48
Methyl methacrylate
Concen: 2.298 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18



Tgt Ion: 41 Resp: 10215
Ion Ratio Lower Upper
41 100
69 80.5 63.1 94.7
39 55.2 43.2 64.8





#49

1,4-Dioxane

Concen: 51.965 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.043 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

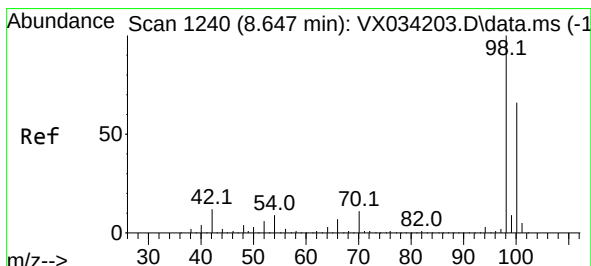
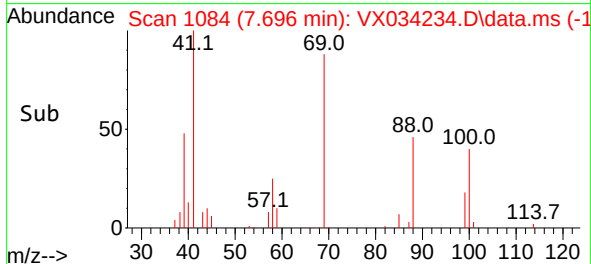
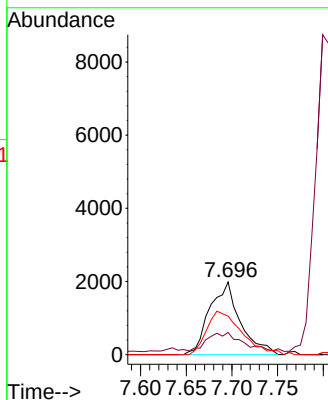
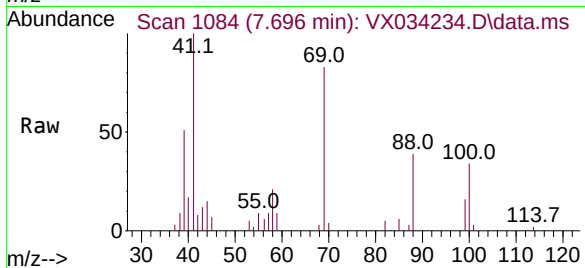
Tgt Ion: 88 Resp: 460
 Ion Ratio Lower Upper
 88 100
 43 29.6 0.0 0.0
 58 68.7 56.5 84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#50

Toluene-d8

Concen: 49.458 ug/l

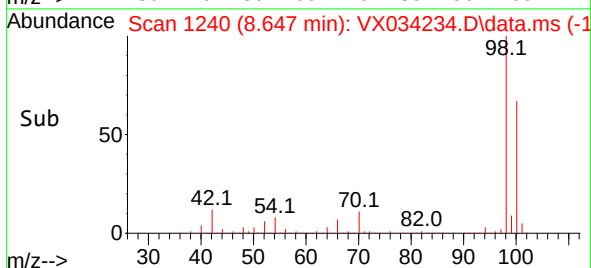
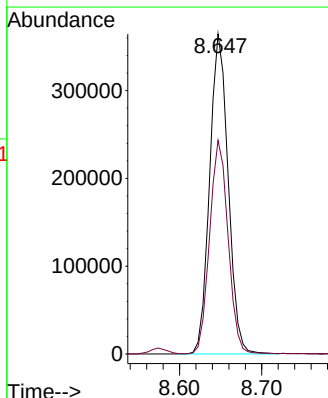
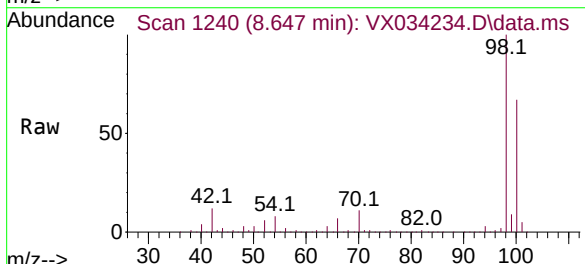
RT: 8.647 min Scan# 1240

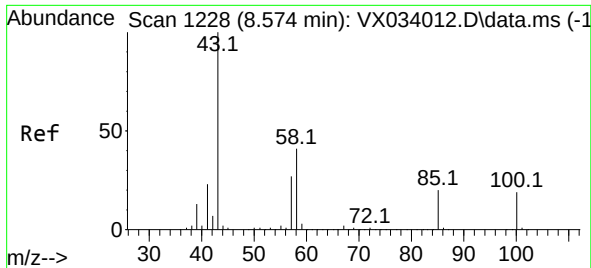
Delta R.T. 0.000 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

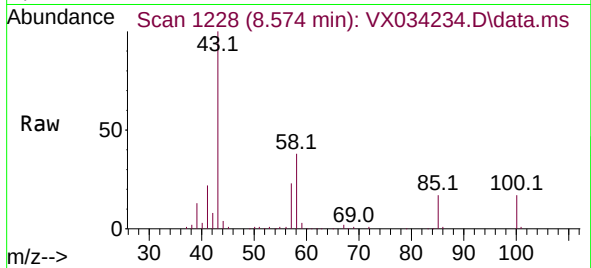
Tgt Ion: 98 Resp: 570142
 Ion Ratio Lower Upper
 98 100
 100 66.4 53.6 80.4





#51
4-Methyl-2-Pentanone
Concen: 12.766 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

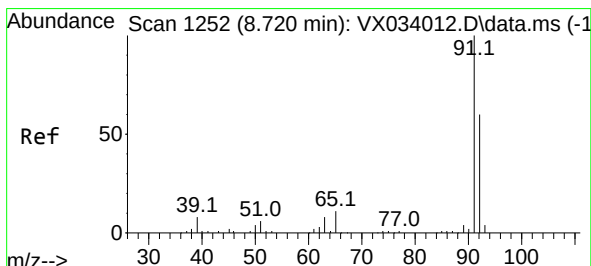
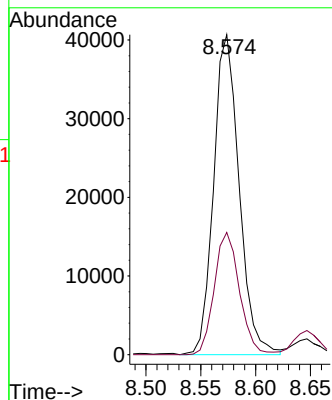
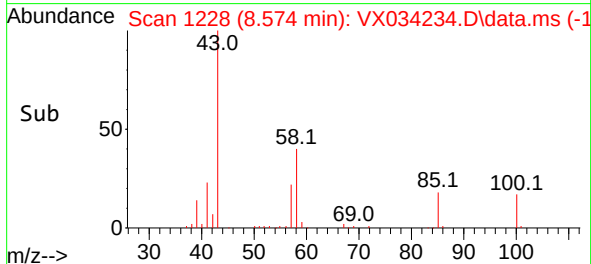
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023



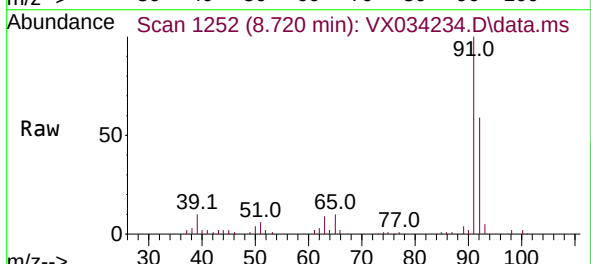
Tgt Ion: 43 Resp: 6577
Ion Ratio Lower Upper
43 100
58 37.8 31.2 46.8

Manual Integrations
APPROVED

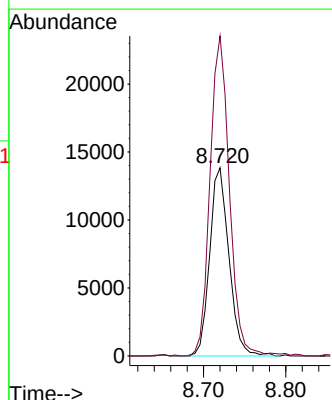
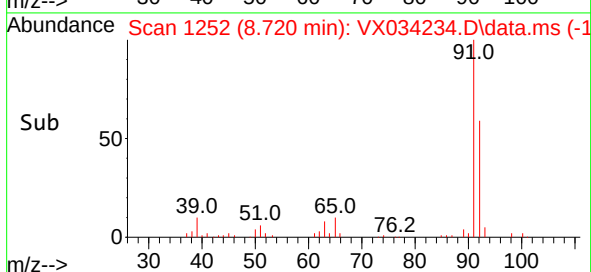
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

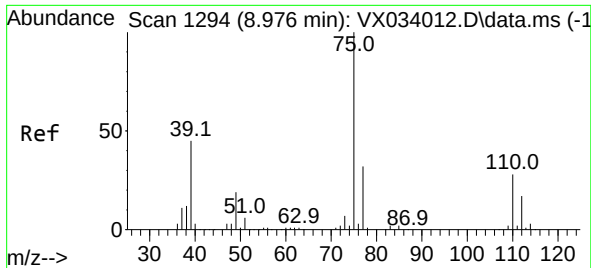


#52
Toluene
Concen: 2.640 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18



Tgt Ion: 92 Resp: 22513
Ion Ratio Lower Upper
92 100
91 171.6 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 2.222 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion: 75 Resp: 1294

Ion Ratio Lower Upper

75 100

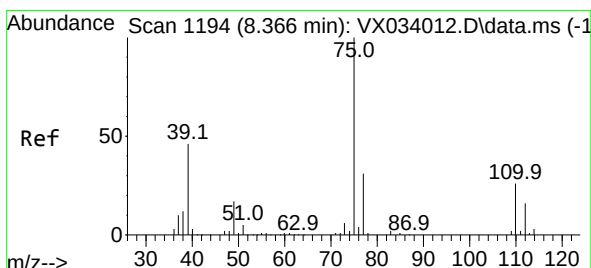
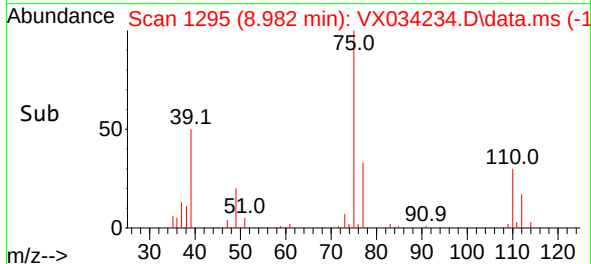
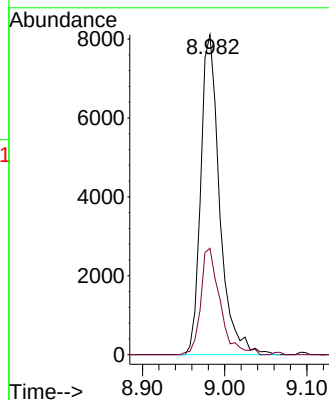
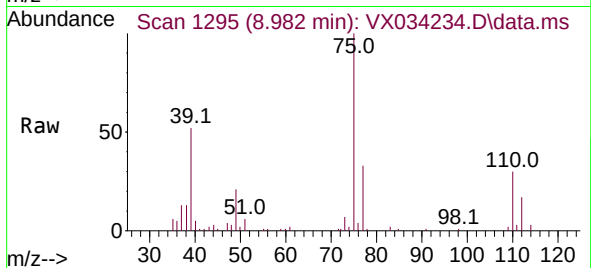
77 33.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#54

cis-1,3-Dichloropropene

Concen: 2.346 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

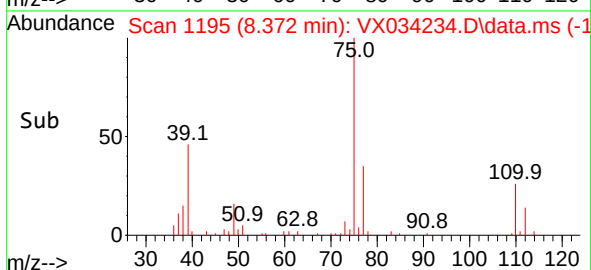
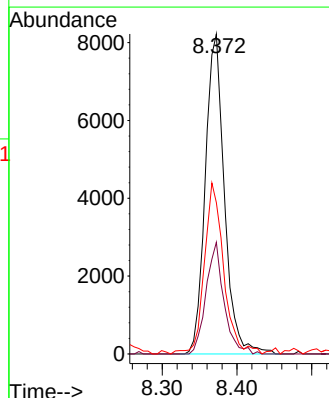
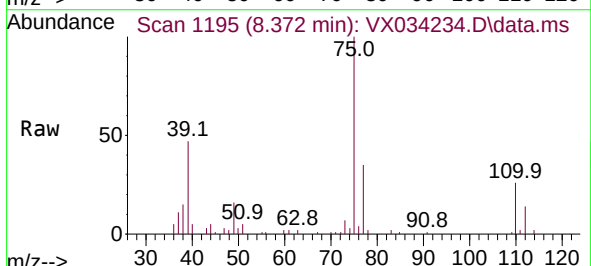
Tgt Ion: 75 Resp: 14629

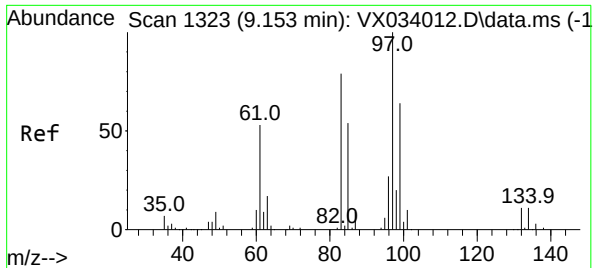
Ion Ratio Lower Upper

75 100

77 34.9 25.0 37.6

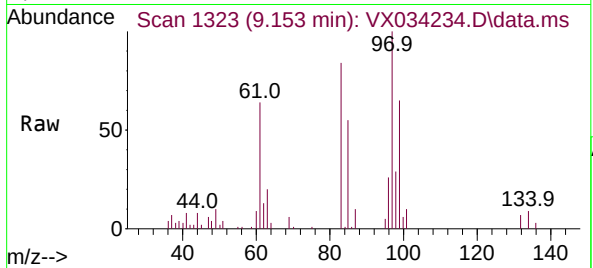
39 47.3 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 2.587 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

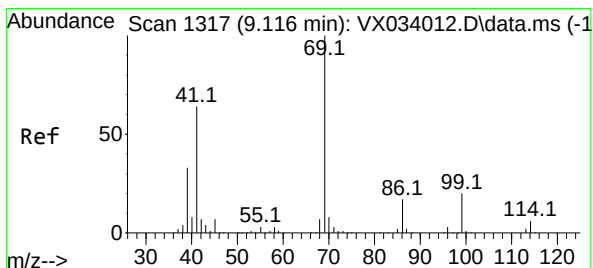
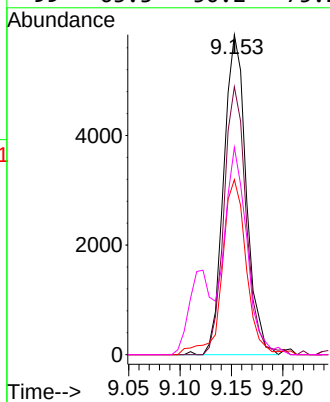
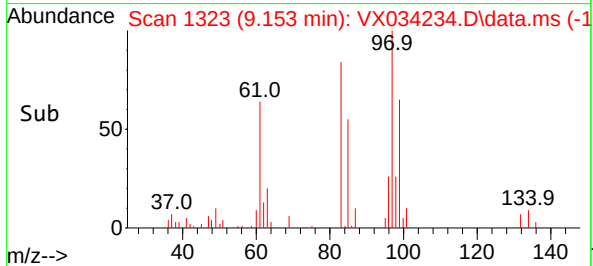
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2023



Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.4	101.0
85	54.7	43.2	64.8
99	63.3	50.2	75.2

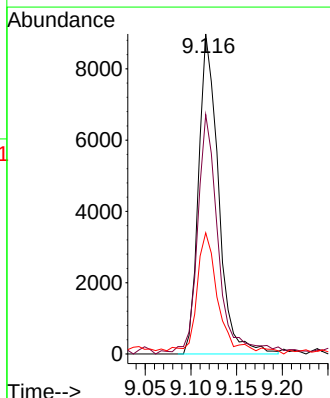
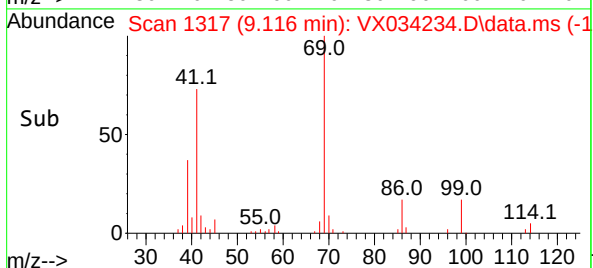
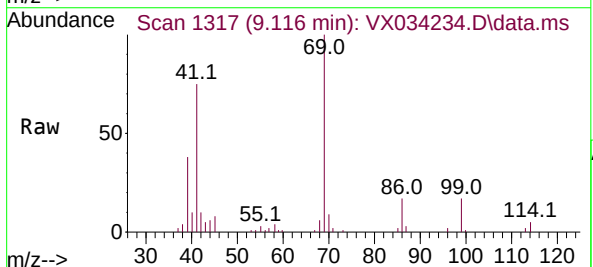
Manual Integrations
APPROVED

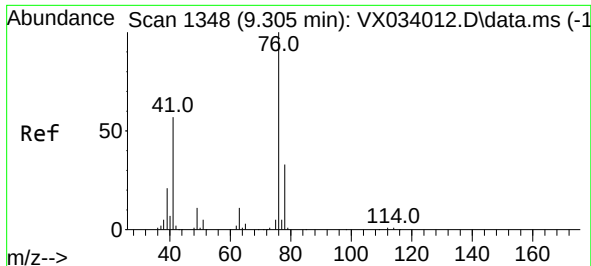
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#56
Ethyl methacrylate
Concen: 2.334 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion	Ratio	Lower	Upper
69	100		
41	79.9	55.1	82.7
39	36.6	28.5	42.7





#57

1,3-Dichloropropane

Concen: 2.634 ug/l

RT: 9.311 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion: 76 Resp: 1577

Ion Ratio Lower Upper

76 100

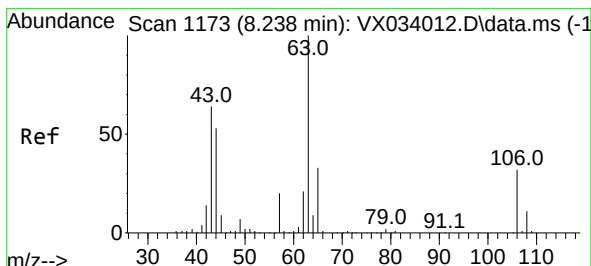
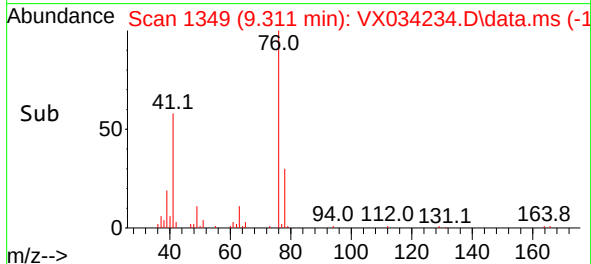
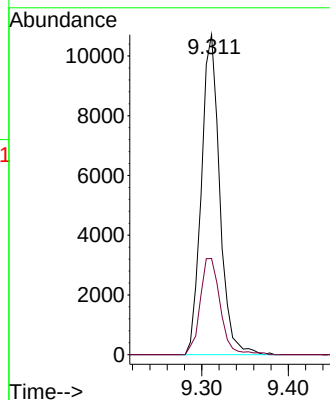
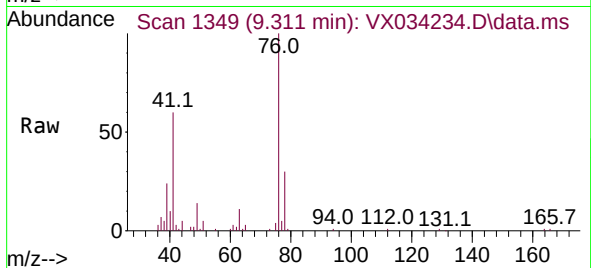
78 33.0 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#58

2-Chloroethyl Vinyl ether

Concen: 12.496 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX034234.D

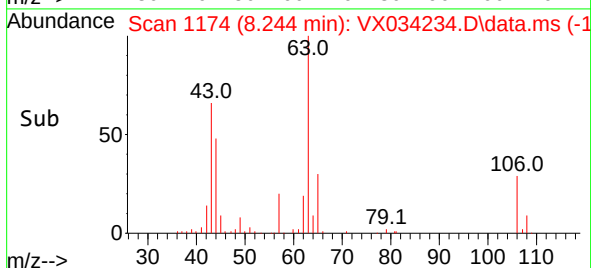
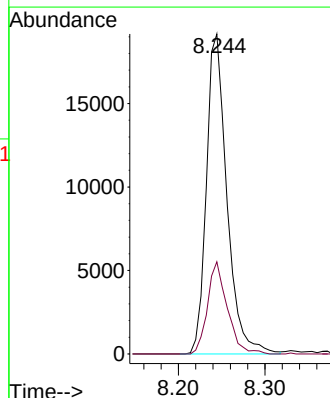
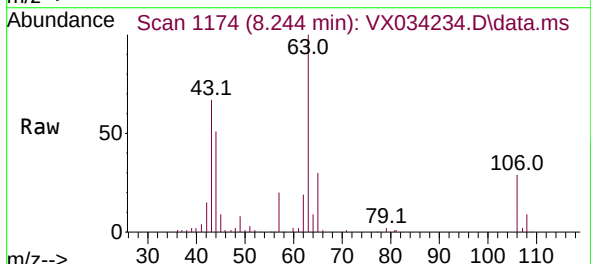
Acq: 22 Feb 2023 17:18

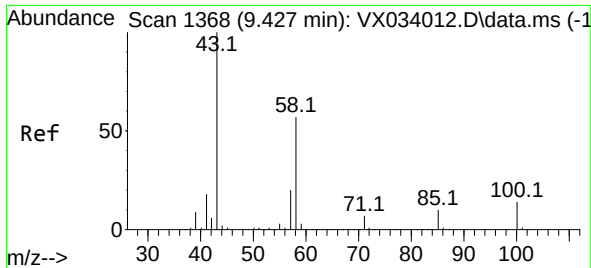
Tgt Ion: 63 Resp: 31515

Ion Ratio Lower Upper

63 100

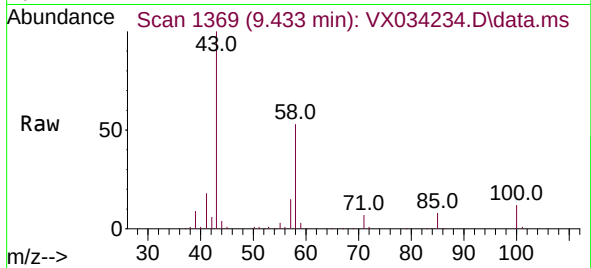
106 27.8 24.5 36.7





#59
2-Hexanone
Concen: 12.084 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

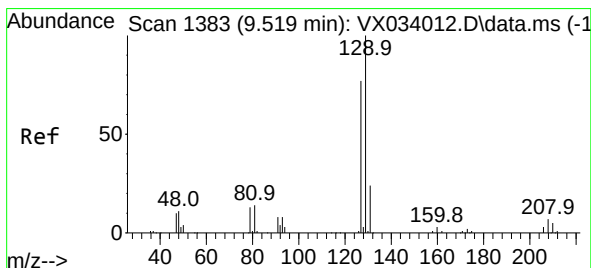
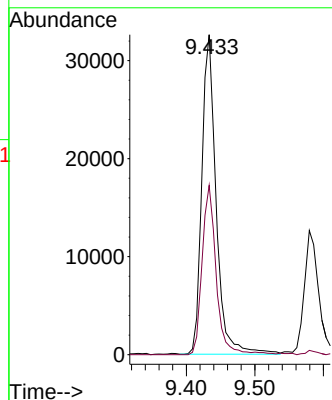
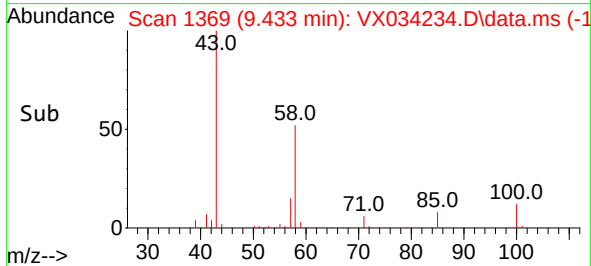
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 43 Resp: 47449
Ion Ratio Lower Upper
43 100
58 52.2 27.4 82.0

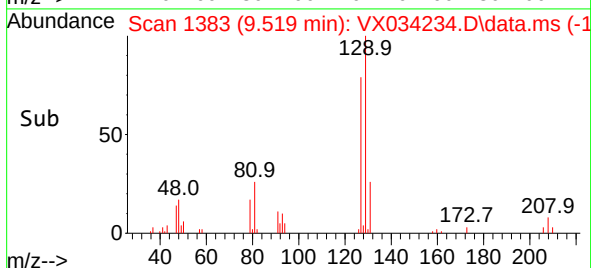
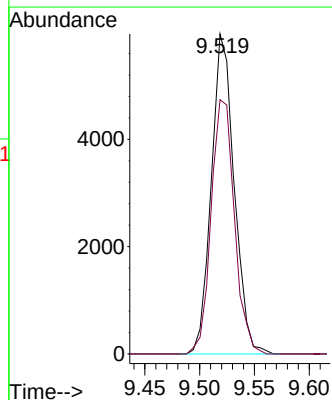
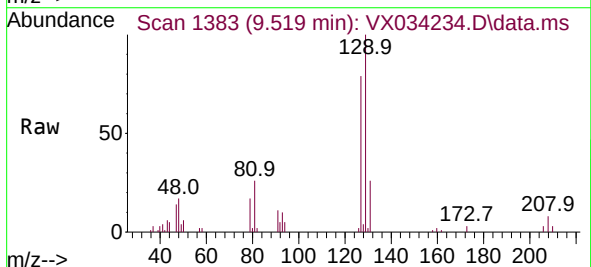
Manual Integrations
APPROVED

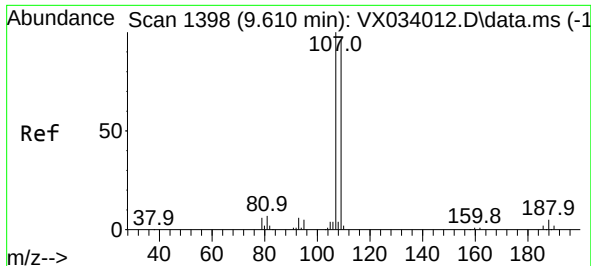
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#60
Dibromochloromethane
Concen: 2.271 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

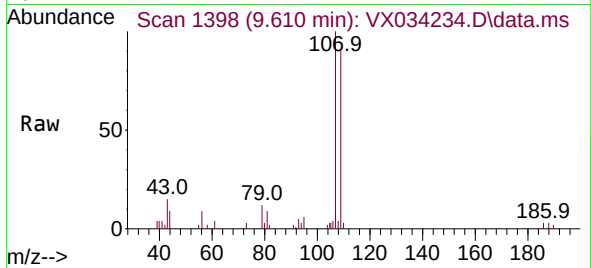
Tgt Ion:129 Resp: 8637
Ion Ratio Lower Upper
129 100
127 81.2 38.8 116.3





#61
1,2-Dibromoethane
Concen: 2.547 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

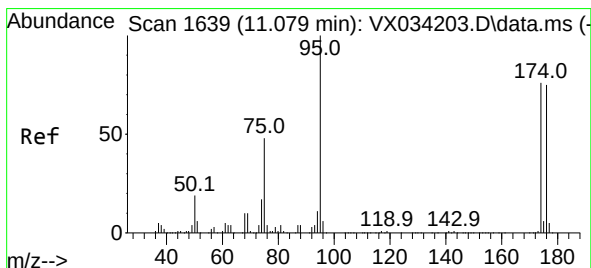
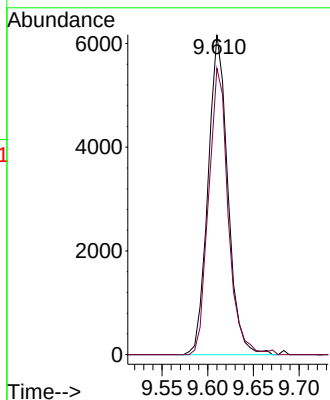
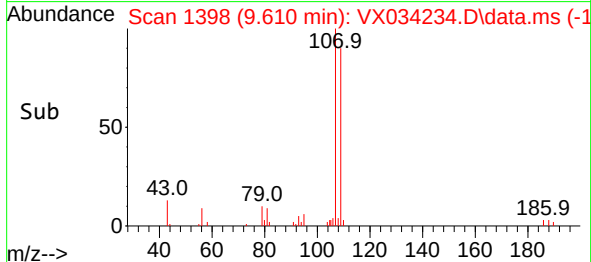
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023



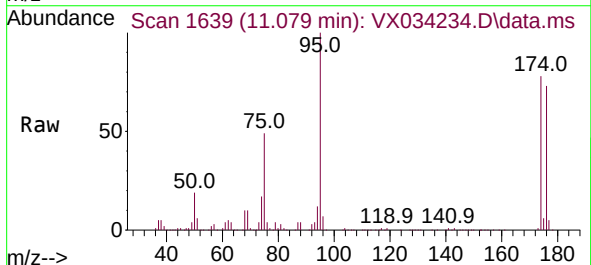
Tgt Ion:107 Resp: 927
Ion Ratio Lower Upper
107 100
109 88.7 74.2 111.2

Manual Integrations
APPROVED

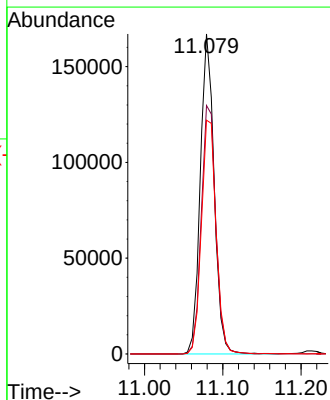
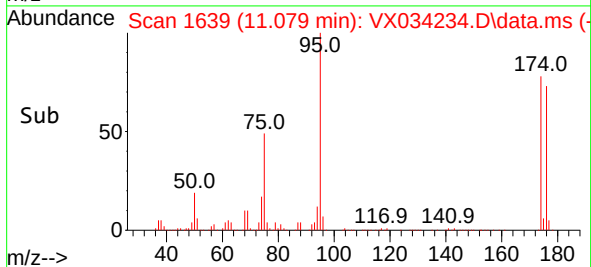
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

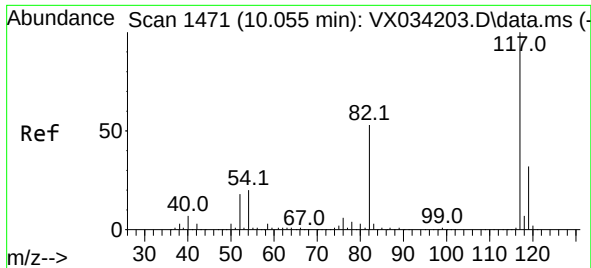


#62
4-Bromofluorobenzene
Concen: 46.370 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18



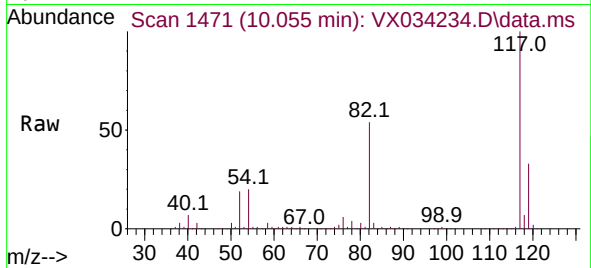
Tgt Ion: 95 Resp: 204465
Ion Ratio Lower Upper
95 100
174 82.1 0.0 184.4
176 78.1 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

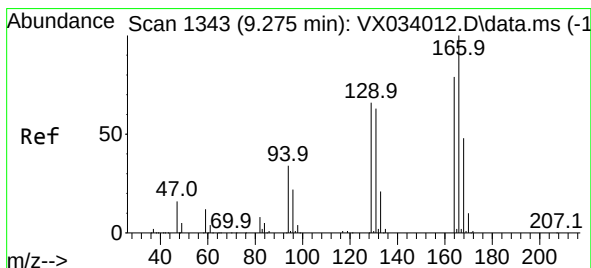
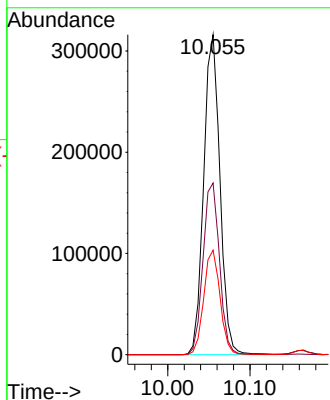
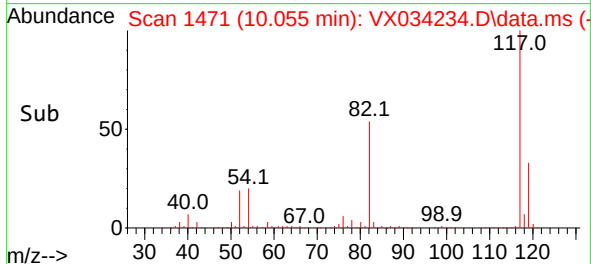
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:117 Resp: 435108
Ion Ratio Lower Upper
117 100
82 53.7 40.6 60.8
119 32.6 25.6 38.4

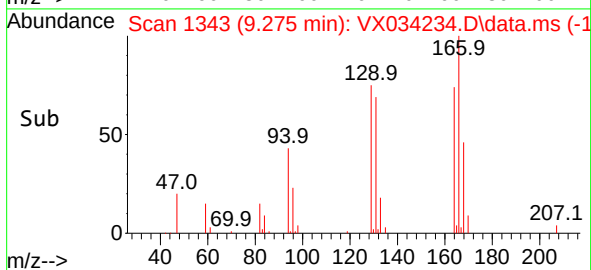
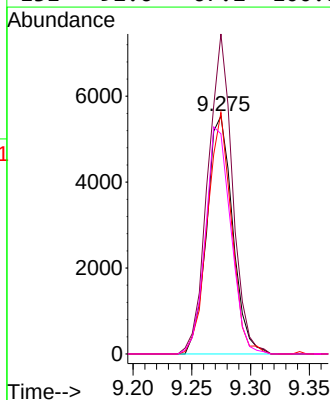
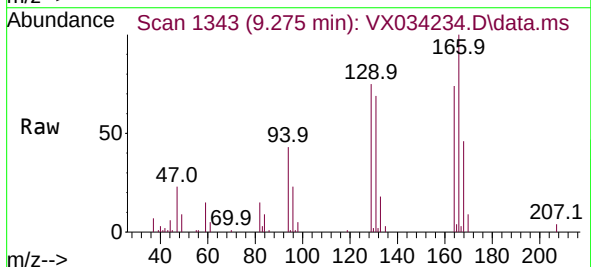
Manual Integrations
APPROVED

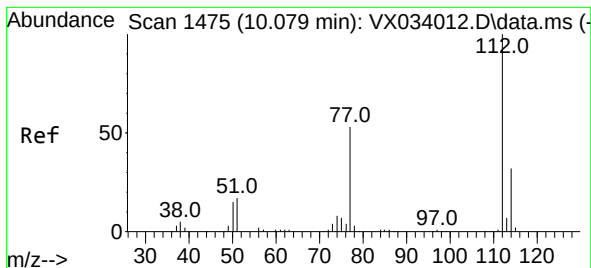
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#64
Tetrachloroethene
Concen: 2.772 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion:164 Resp: 8514
Ion Ratio Lower Upper
164 100
166 134.5 100.2 150.2
129 101.5 69.2 103.8
131 92.6 67.2 100.8





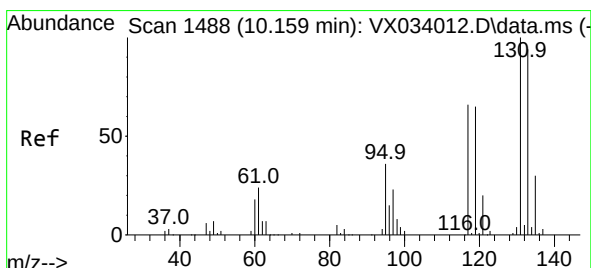
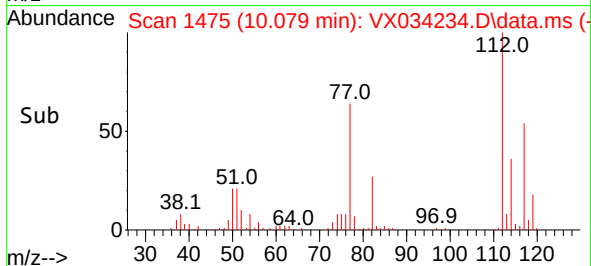
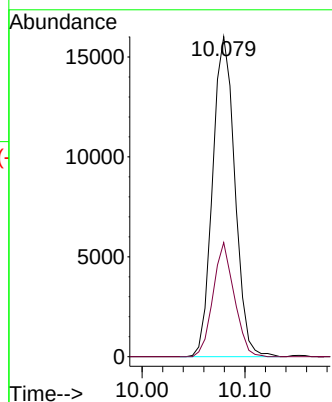
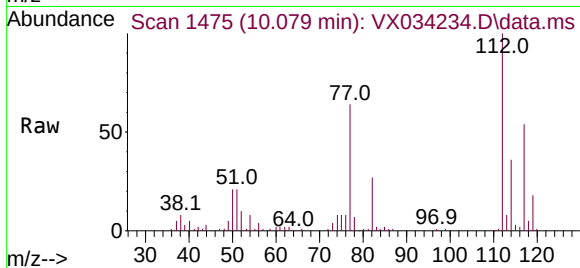
#65
Chlorobenzene
Concen: 2.657 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2023

Tgt Ion:112 Resp: 24090
Ion Ratio Lower Upper
112 100
114 35.6 26.2 39.4

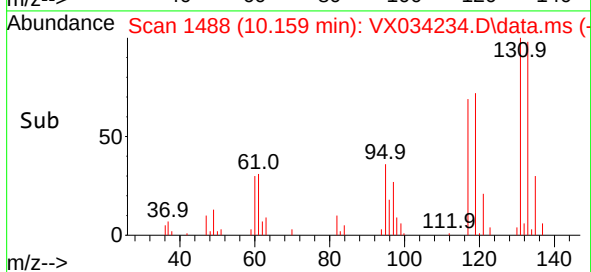
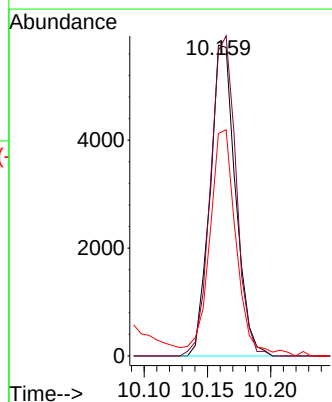
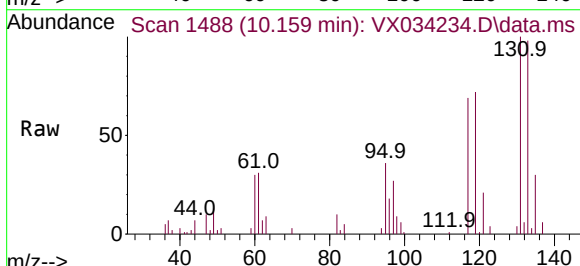
Manual Integrations
APPROVED

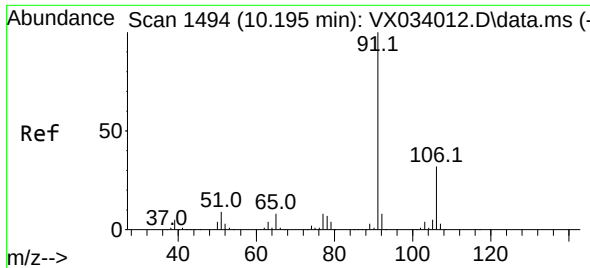
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 2.305 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

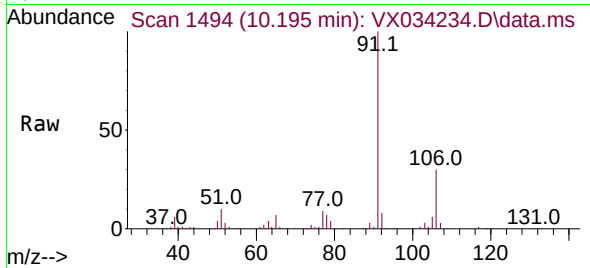
Tgt Ion:131 Resp: 8093
Ion Ratio Lower Upper
131 100
133 102.6 48.4 145.0
119 75.5 31.9 95.7





#67
Ethyl Benzene
Concen: 2.501 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

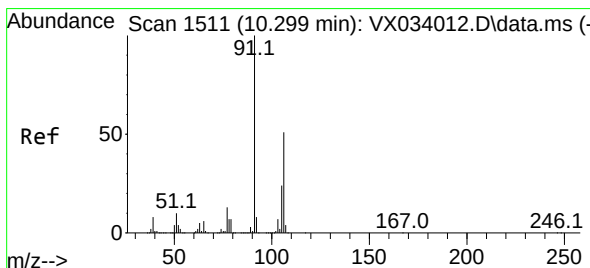
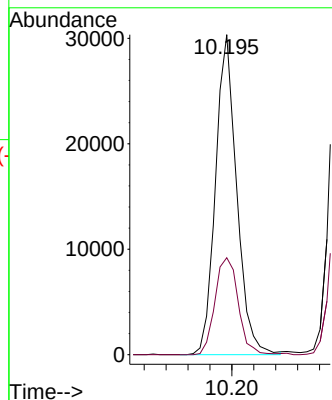
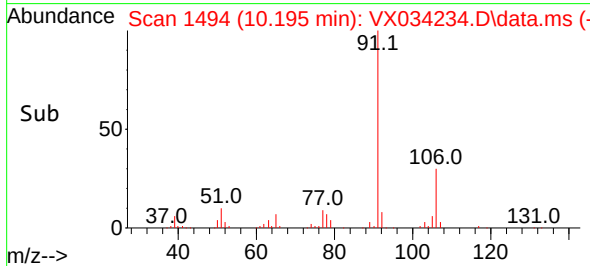
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023



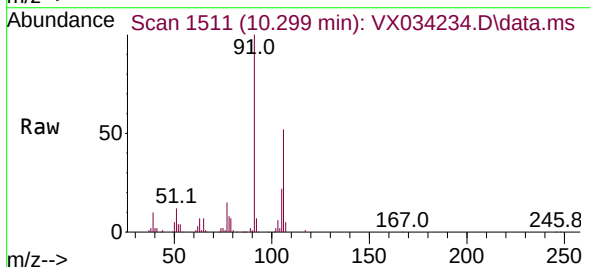
Tgt Ion: 91 Resp: 40759
Ion Ratio Lower Upper
91 100
106 30.3 25.8 38.8

Manual Integrations
APPROVED

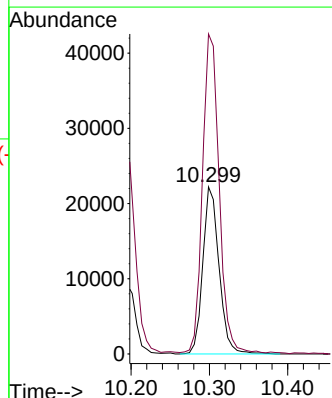
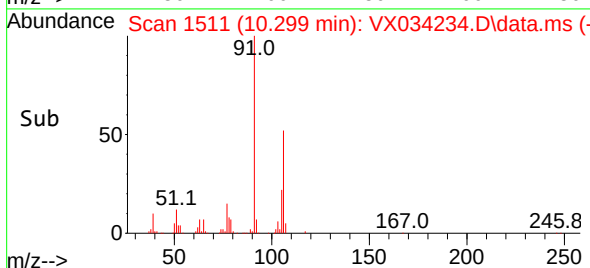
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

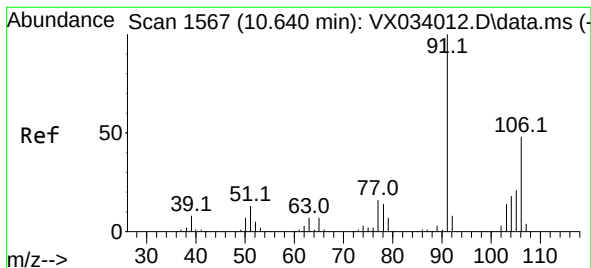


#68
m/p-Xylenes
Concen: 5.127 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18



Tgt Ion:106 Resp: 31971
Ion Ratio Lower Upper
106 100
91 195.5 156.4 234.6





#69

o-Xylene

Concen: 2.535 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

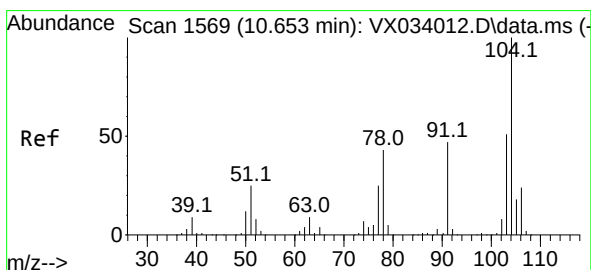
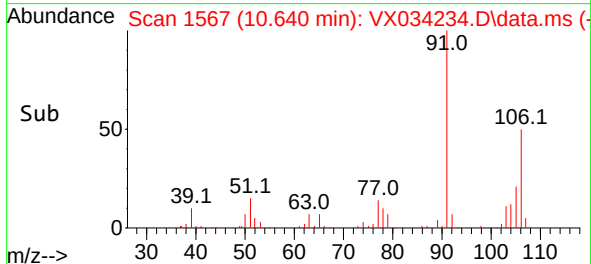
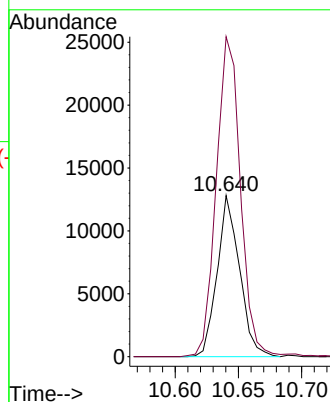
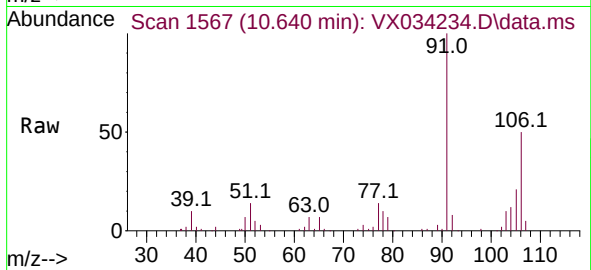
Tgt Ion:106 Resp: 15734
 Ion Ratio Lower Upper
 106 100
 91 215.6 103.1 309.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#70

Styrene

Concen: 2.485 ug/l

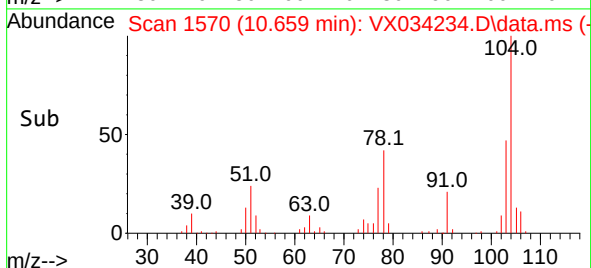
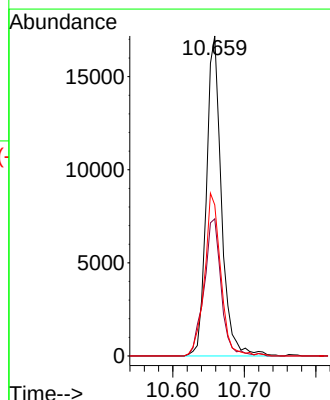
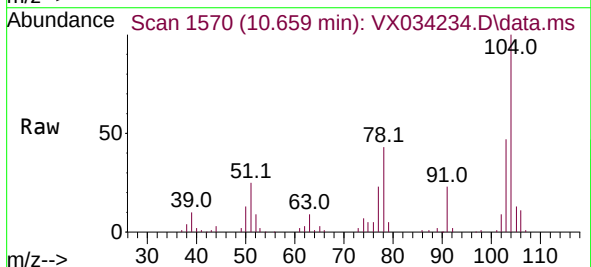
RT: 10.659 min Scan# 1570

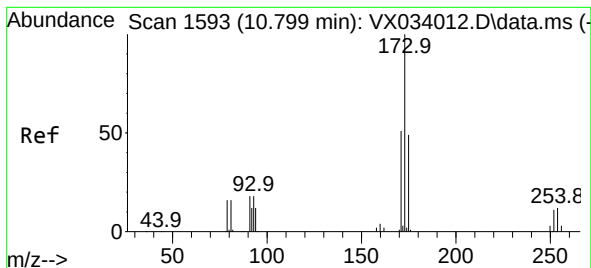
Delta R.T. 0.000 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Tgt Ion:104 Resp: 25085
 Ion Ratio Lower Upper
 104 100
 78 48.6 37.5 56.3
 103 54.9 43.3 64.9





#71

Bromoform

Concen: 2.194 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034234.D

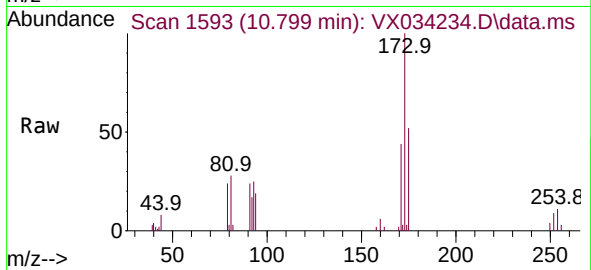
Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023



Tgt Ion:173 Resp: 628

Ion Ratio Lower Upper

173 100

175 47.9 24.1 72.3

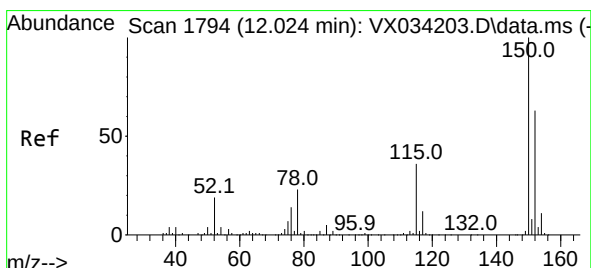
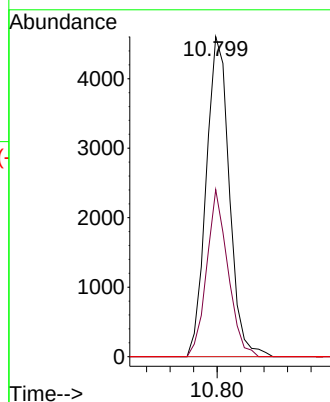
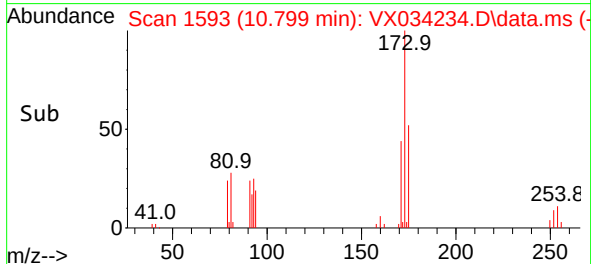
254 0.0 0.1 0.1

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: VX034234.D

Acq: 22 Feb 2023 17:18

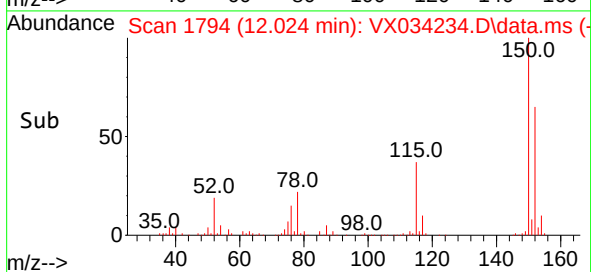
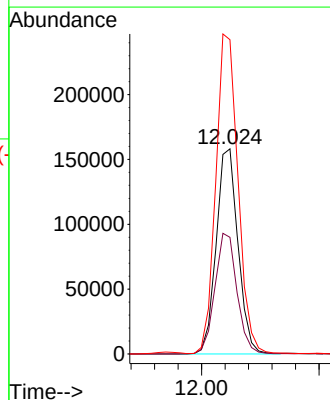
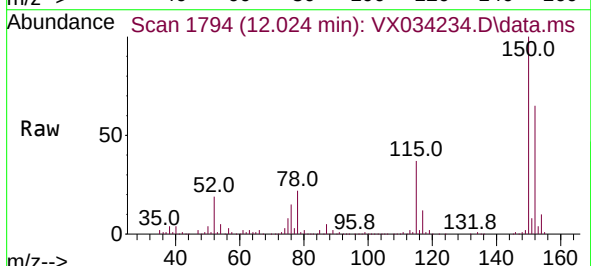
Tgt Ion:152 Resp: 203916

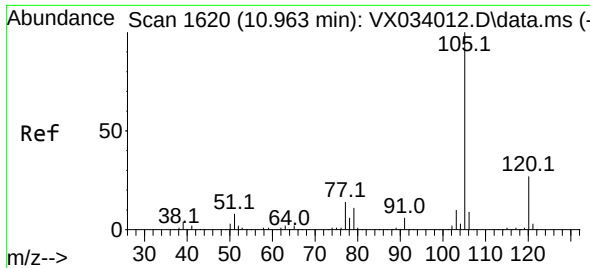
Ion Ratio Lower Upper

152 100

115 59.6 38.7 116.1

150 158.9 0.0 348.2





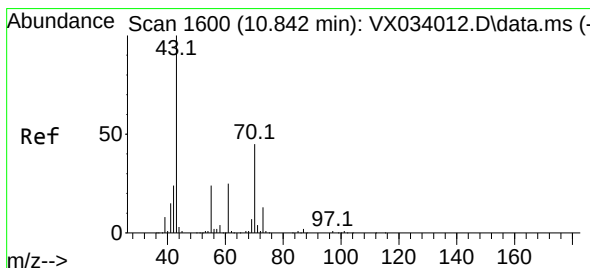
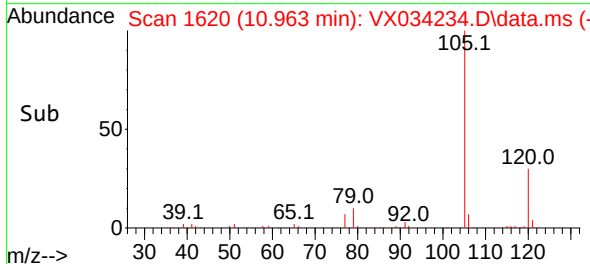
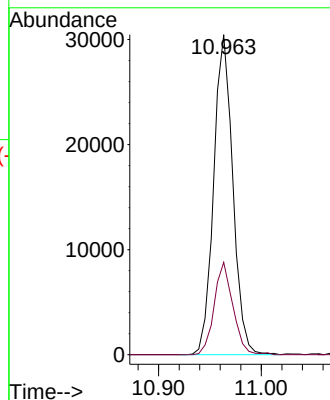
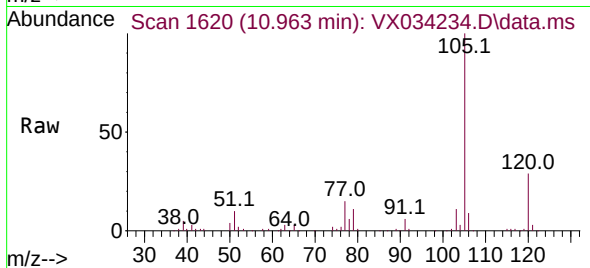
#73
Isopropylbenzene
Concen: 2.529 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:105 Resp: 39310
Ion Ratio Lower Upper
105 100
120 28.2 13.6 40.8

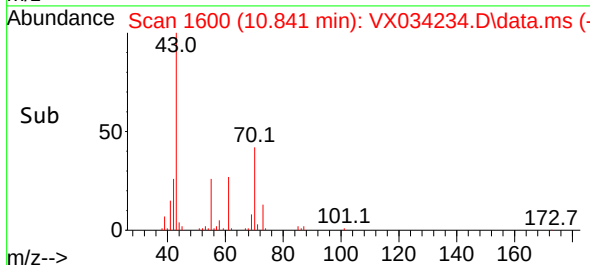
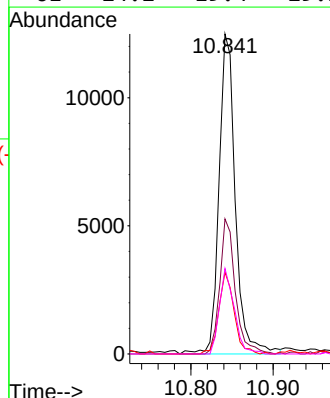
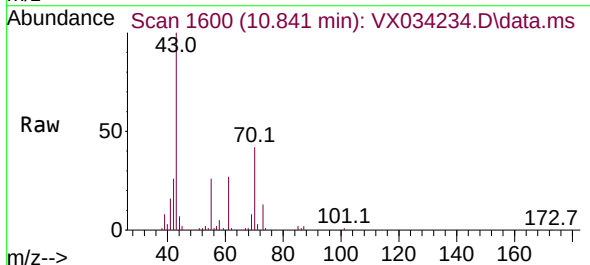
Manual Integrations
APPROVED

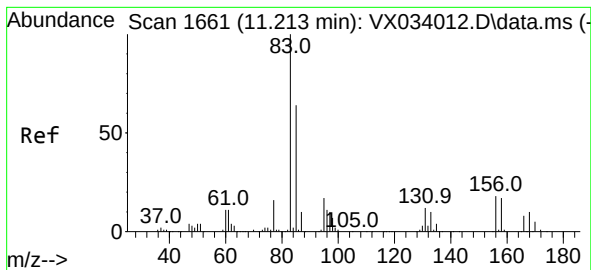
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#74
N-ethyl acetate
Concen: 2.206 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion: 43 Resp: 17225
Ion Ratio Lower Upper
43 100
70 40.2 34.8 52.2
55 24.0 19.4 29.0
61 24.2 19.4 29.2





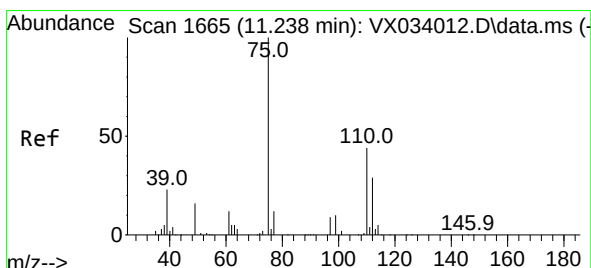
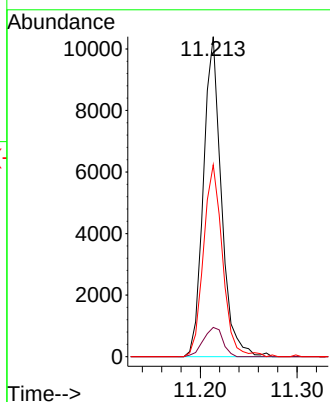
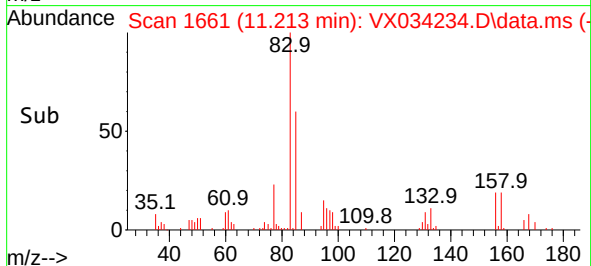
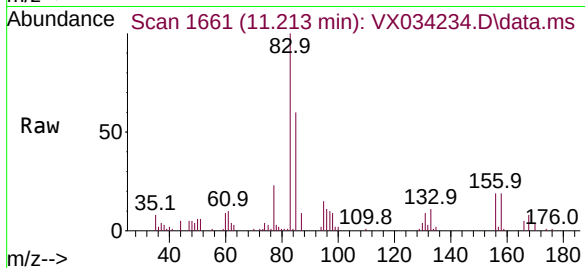
#75
1,1,2,2-Tetrachloroethane
Concen: 2.530 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2023

Tgt Ion: 83 Resp: 13440
Ion Ratio Lower Upper
83 100
131 9.9 5.5 16.7
85 63.6 32.3 96.9

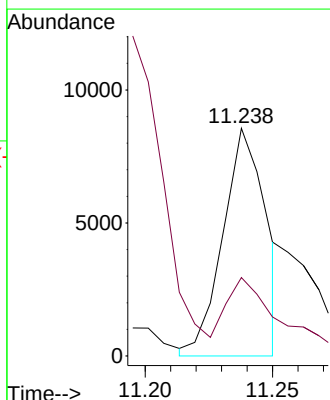
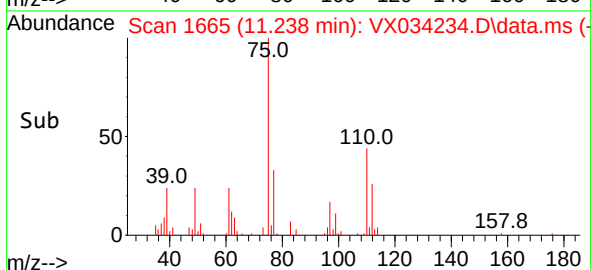
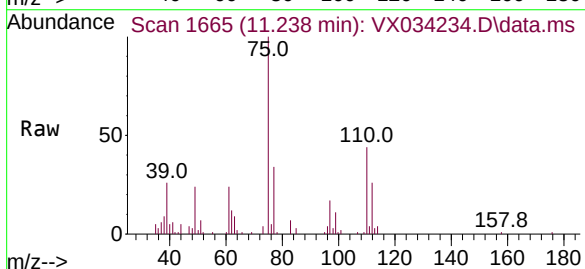
Manual Integrations
APPROVED

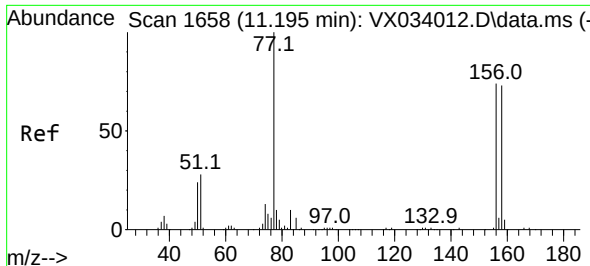
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#76
1,2,3-Trichloropropane
Concen: 1.959 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

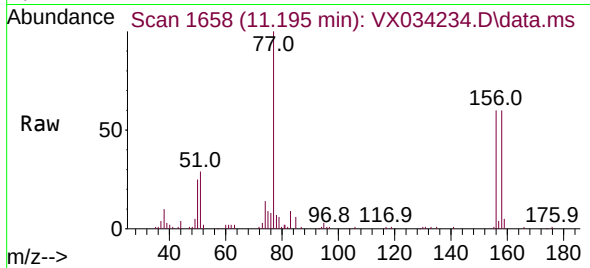
Tgt Ion: 75 Resp: 10051
Ion Ratio Lower Upper
75 100
77 44.8 21.8 65.4





#77
Bromobenzene
Concen: 2.655 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

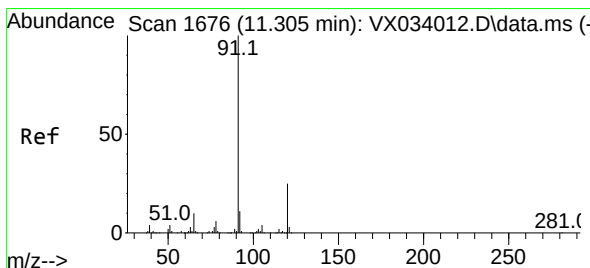
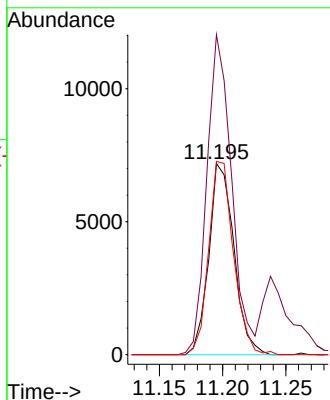
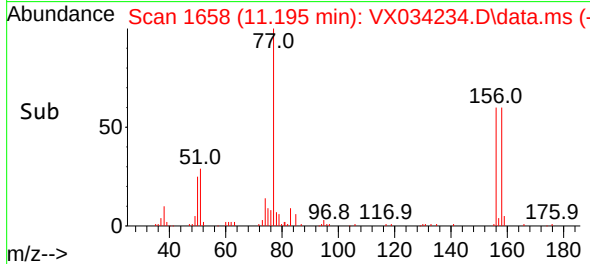
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023



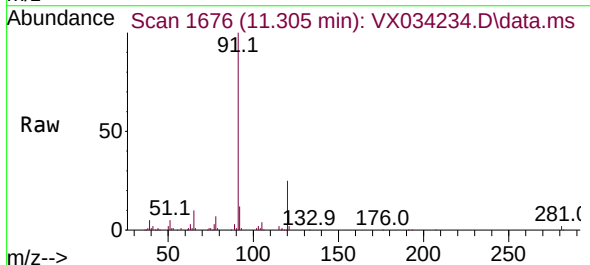
Tgt Ion:156 Resp: 9928
Ion Ratio Lower Upper
156 100
77 164.9 68.1 204.3
158 100.1 48.0 144.2

Manual Integrations
APPROVED

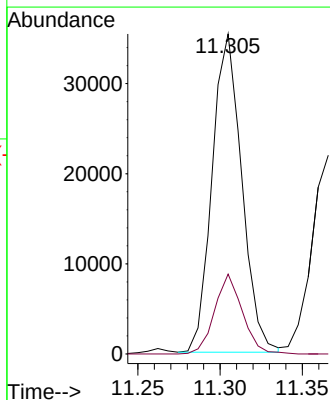
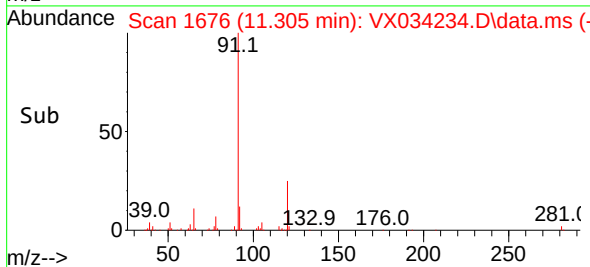
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

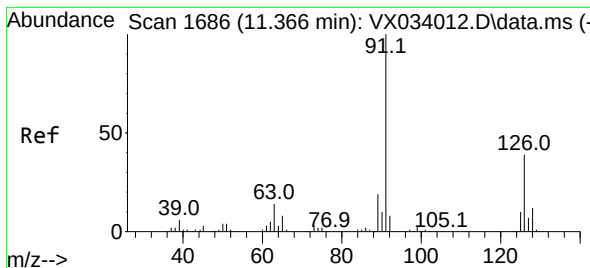


#78
n-propylbenzene
Concen: 2.449 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18



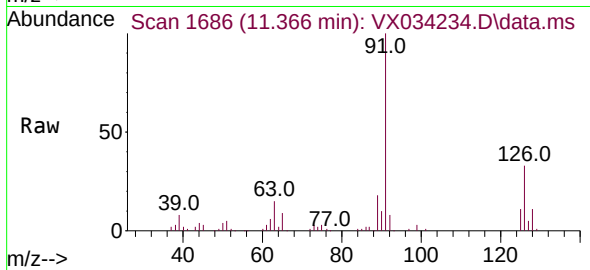
Tgt Ion: 91 Resp: 44273
Ion Ratio Lower Upper
91 100
120 23.5 12.3 36.8





#79
2-Chlorotoluene
Concen: 2.501 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

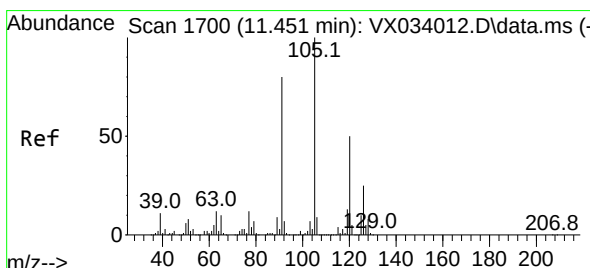
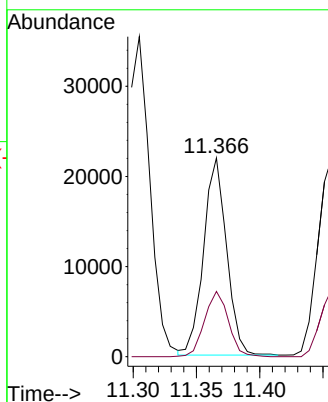
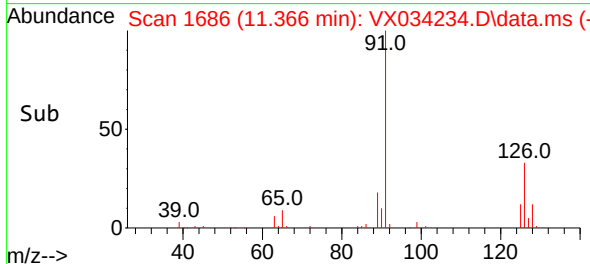
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023



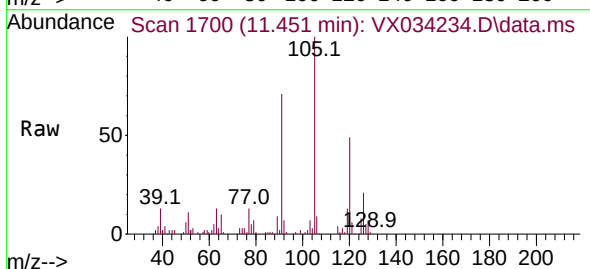
Tgt Ion: 91 Resp: 2772
Ion Ratio Lower Upper
91 100
126 34.2 18.1 54.1

Manual Integrations
APPROVED

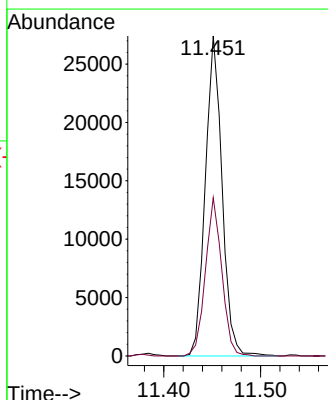
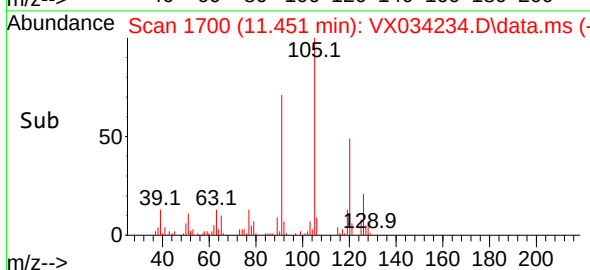
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

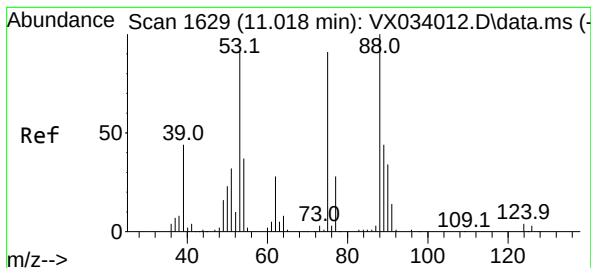


#80
1,3,5-Trimethylbenzene
Concen: 2.531 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18



Tgt Ion:105 Resp: 33074
Ion Ratio Lower Upper
105 100
120 48.4 25.6 76.8





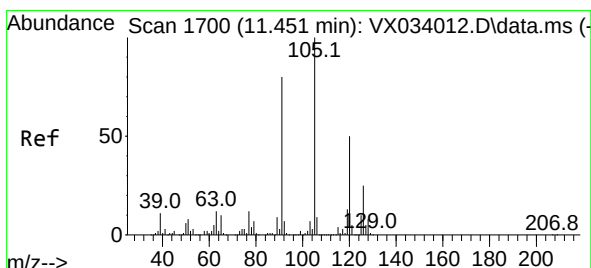
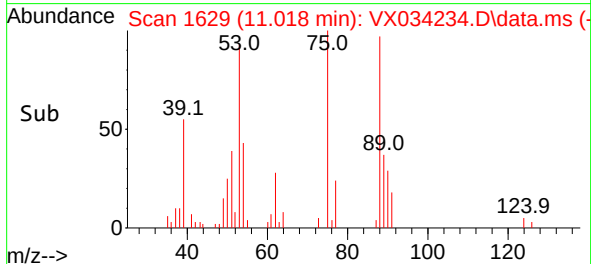
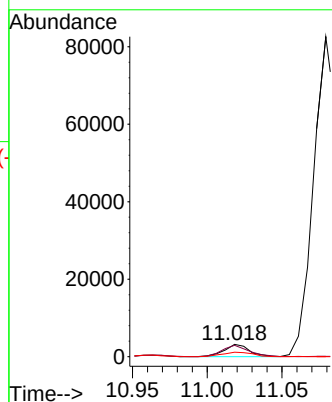
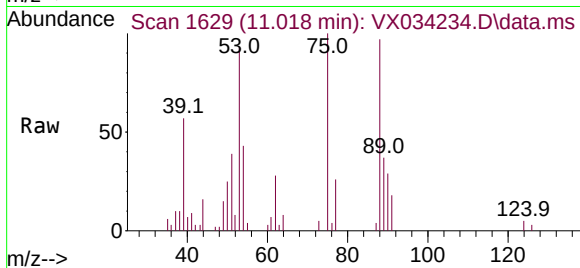
#81
trans-1,4-Dichloro-2-butene
Concen: 1.879 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion: 75 Resp: 3754
Ion Ratio Lower Upper
75 100
53 98.9 83.0 124.6
89 43.8 37.7 56.5

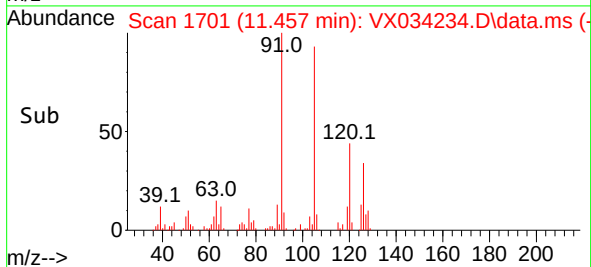
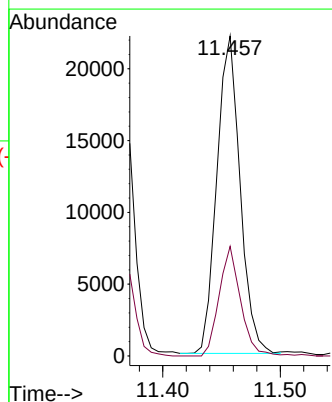
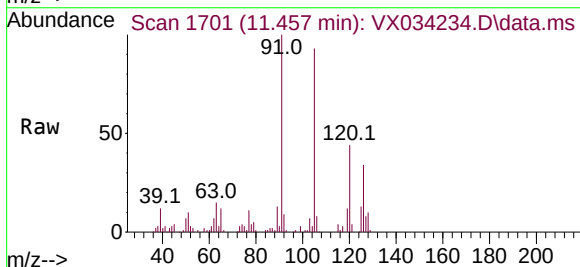
Manual Integrations
APPROVED

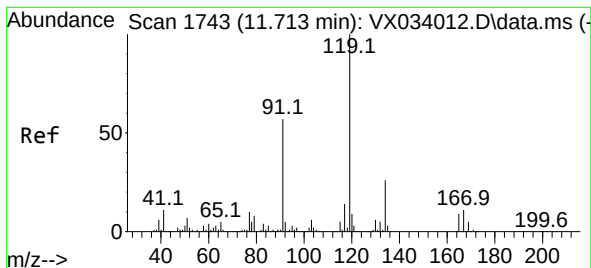
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#82
4-Chlorotoluene
Concen: 2.411 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion: 91 Resp: 30432
Ion Ratio Lower Upper
91 100
126 32.0 15.8 47.4





#83

tert-Butylbenzene

Concen: 2.528 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

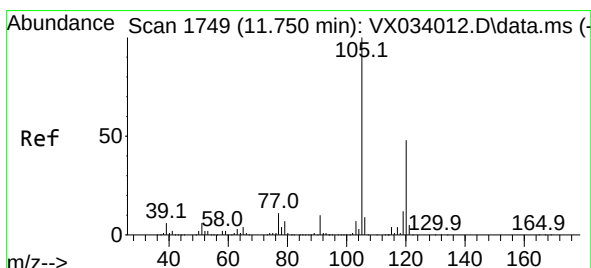
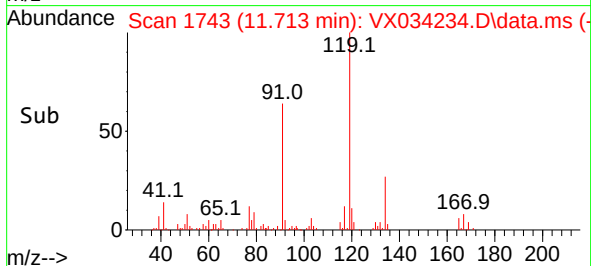
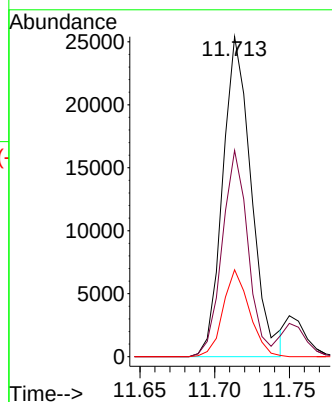
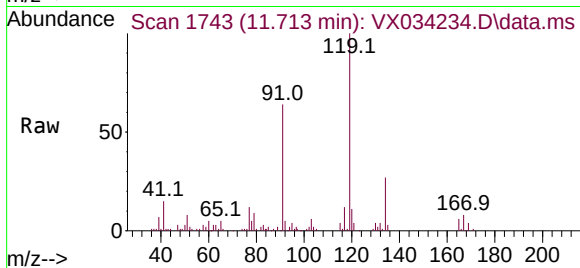
Tgt Ion:	119	Resp:	3383
Ion Ratio	Lower	Upper	
119	100		
91	58.4	26.9	80.7
134	25.0	12.3	36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#84

1,2,4-Trimethylbenzene

Concen: 2.435 ug/l

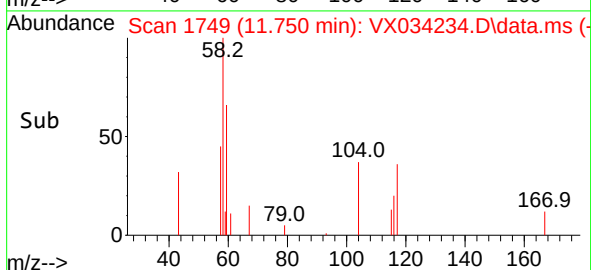
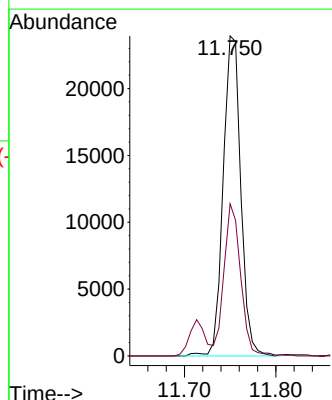
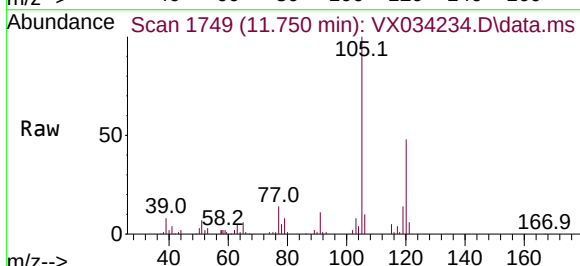
RT: 11.750 min Scan# 1749

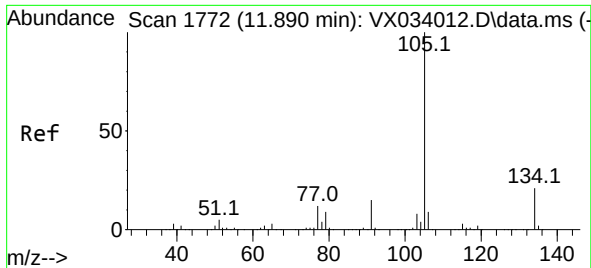
Delta R.T. 0.000 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

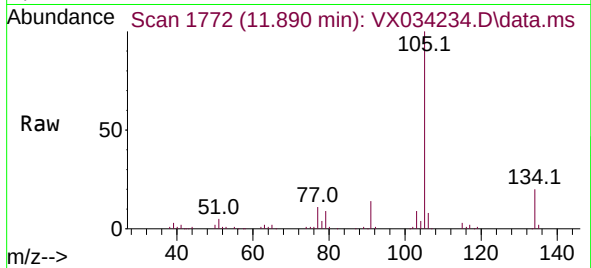
Tgt Ion:	105	Resp:	32169
Ion Ratio	Lower	Upper	
105	100		
120	44.5	23.4	70.2





#85
 sec-Butylbenzene
 Concen: 2.491 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034234.D
 Acq: 22 Feb 2023 17:18

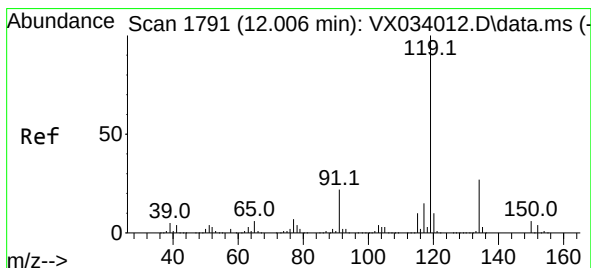
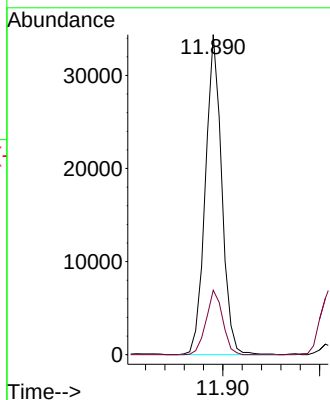
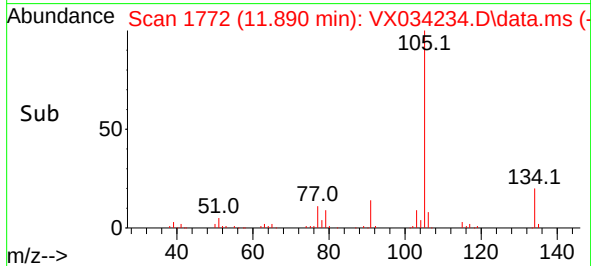
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2023



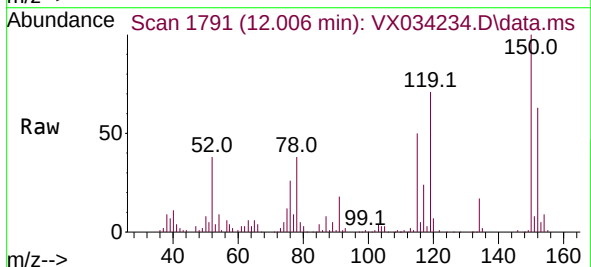
Tgt Ion:105 Resp: 40470
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.8 32.3

Manual Integrations
 APPROVED

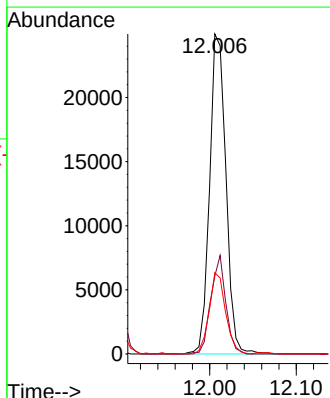
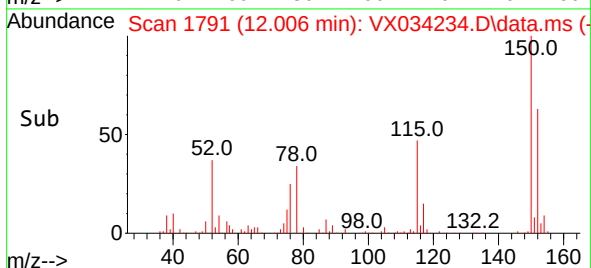
Reviewed By :John Carlone 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023

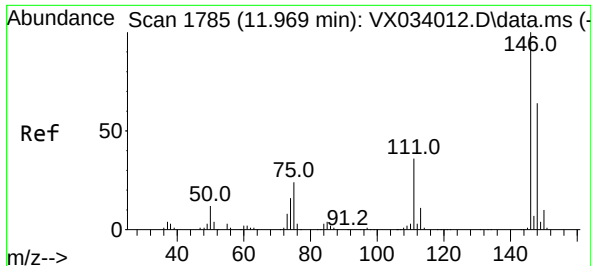


#86
 p-Isopropyltoluene
 Concen: 2.431 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX034234.D
 Acq: 22 Feb 2023 17:18



Tgt Ion:119 Resp: 32691
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.6 40.8
 91 25.6 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 2.716 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034234.D

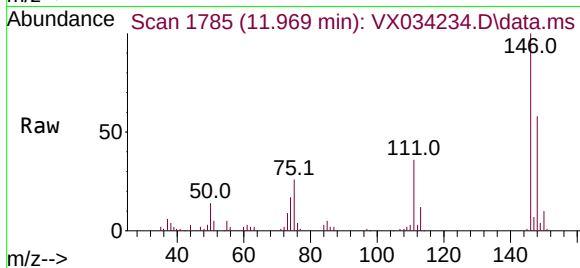
Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023



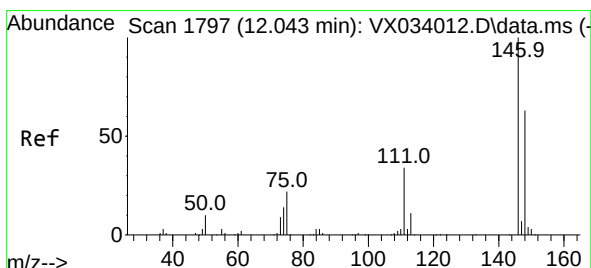
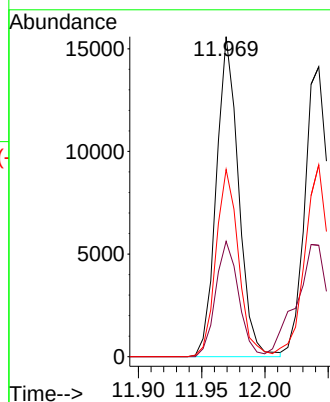
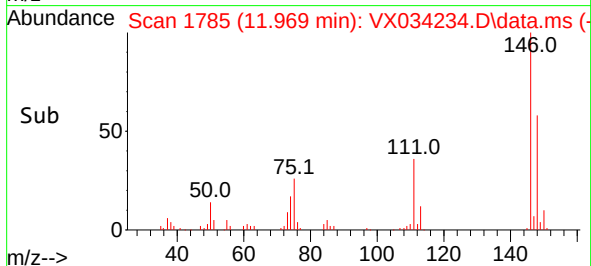
Tgt Ion:146	Resp:	1905
Ion Ratio	Lower	Upper
146	100	
111	37.2	18.6 55.6
148	59.3	31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#88

1,4-Dichlorobenzene

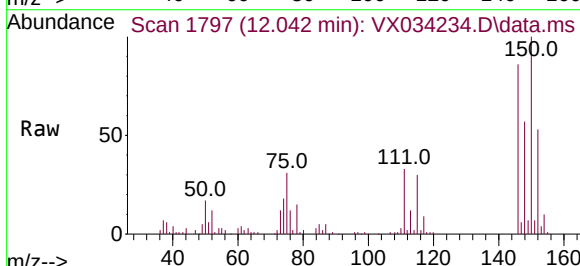
Concen: 2.659 ug/l

RT: 12.042 min Scan# 1797

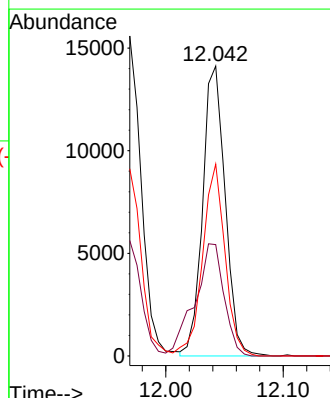
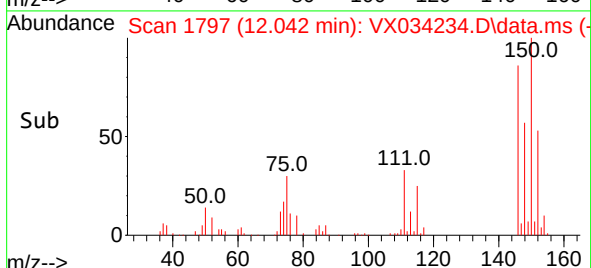
Delta R.T. 0.000 min

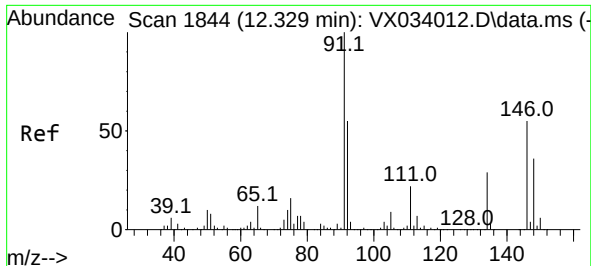
Lab File: VX034234.D

Acq: 22 Feb 2023 17:18



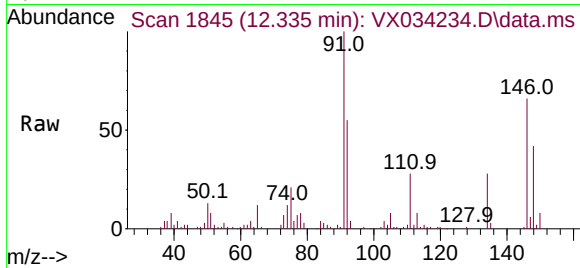
Tgt Ion:146	Resp:	18811
Ion Ratio	Lower	Upper
146	100	
111	50.2	17.8 53.4
148	65.8	32.1 96.3





#89
n-Butylbenzene
Concen: 2.214 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

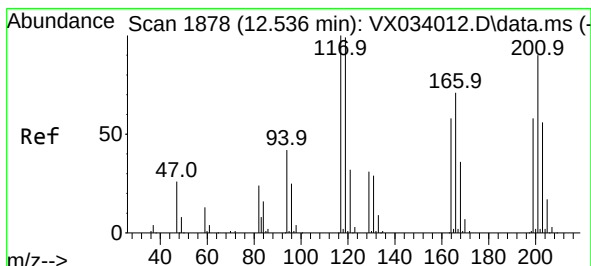
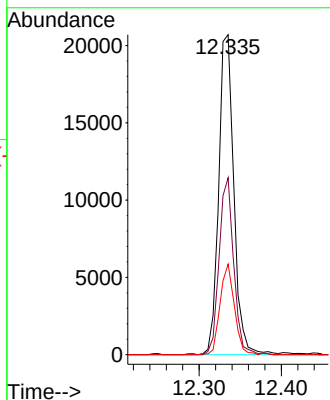
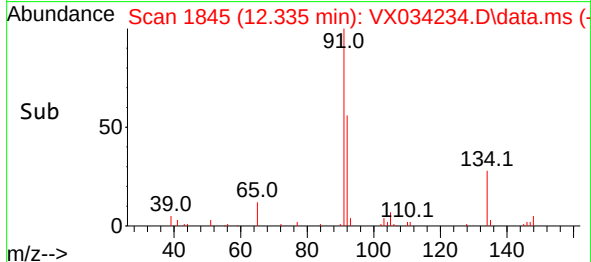
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 91 Resp: 26519
Ion Ratio Lower Upper
91 100
92 53.0 27.5 82.5
134 26.6 14.3 42.9

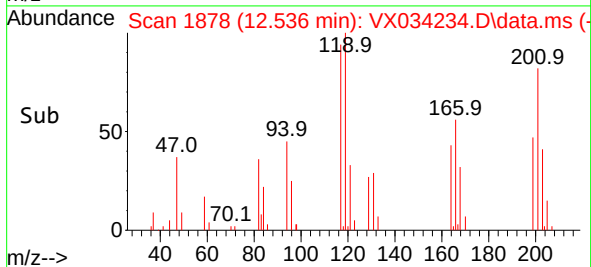
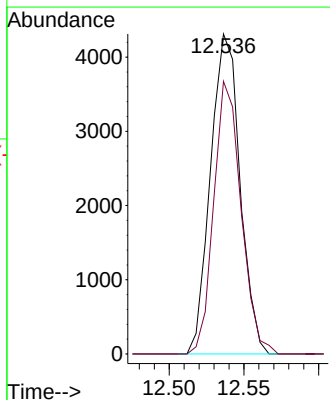
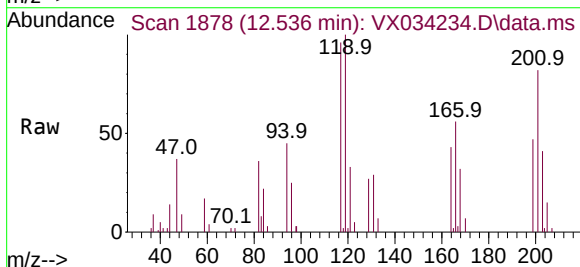
Manual Integrations
APPROVED

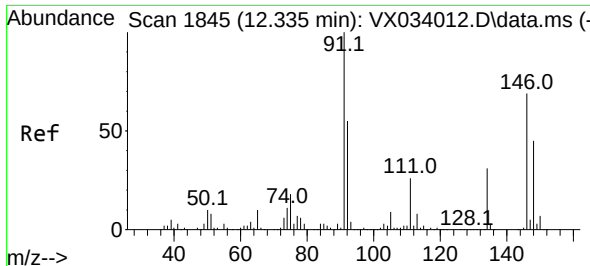
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#90
Hexachloroethane
Concen: 2.102 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

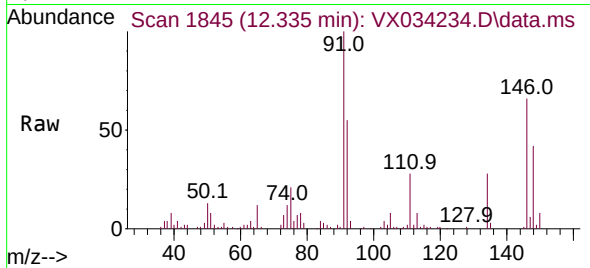
Tgt Ion:117 Resp: 5911
Ion Ratio Lower Upper
117 100
201 78.9 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 2.628 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

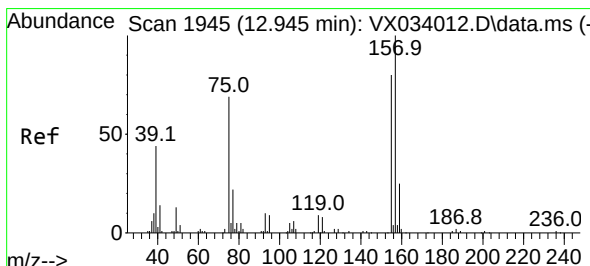
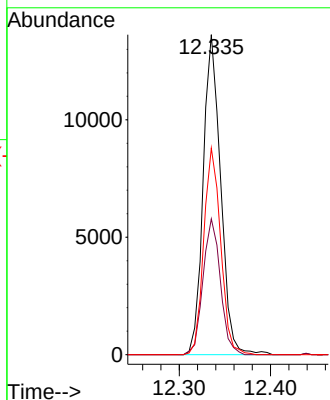
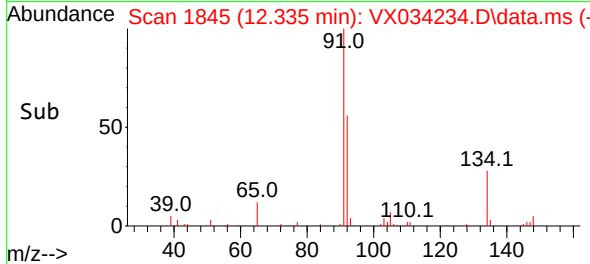
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023



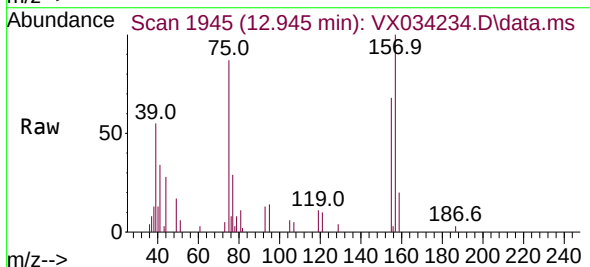
Tgt Ion:146 Resp: 1803
Ion Ratio Lower Upper
146 100
111 42.2 19.3 57.8
148 62.4 32.3 96.9

Manual Integrations
APPROVED

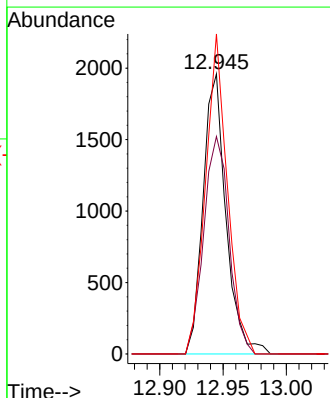
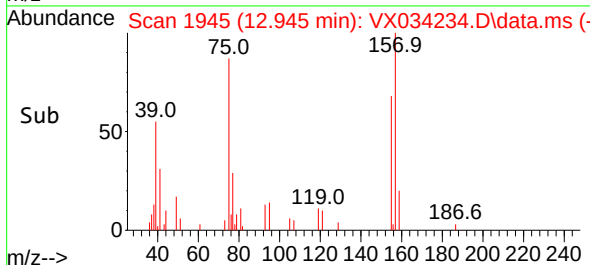
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

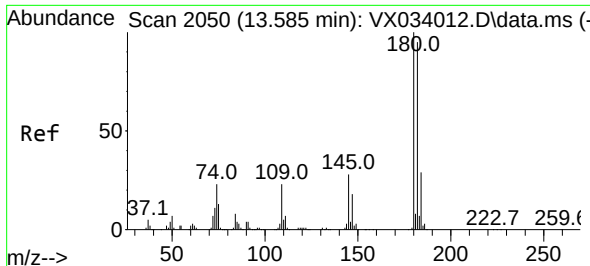


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.949 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18



Tgt Ion: 75 Resp: 2470
Ion Ratio Lower Upper
75 100
155 85.7 51.7 155.1
157 109.1 67.5 202.3





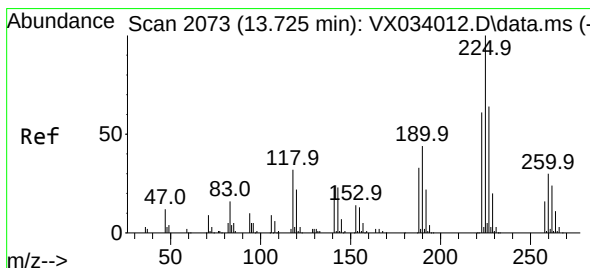
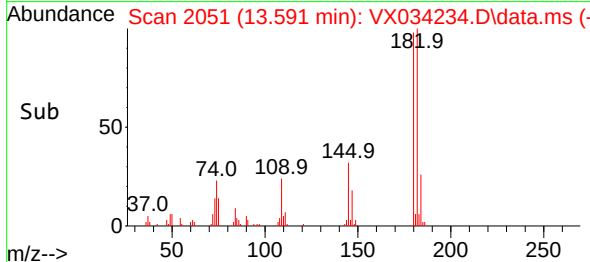
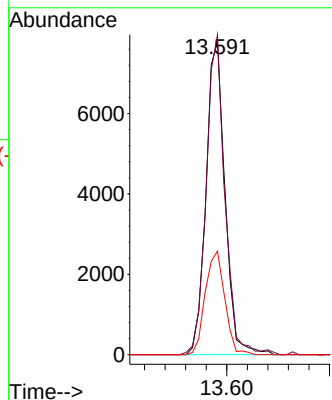
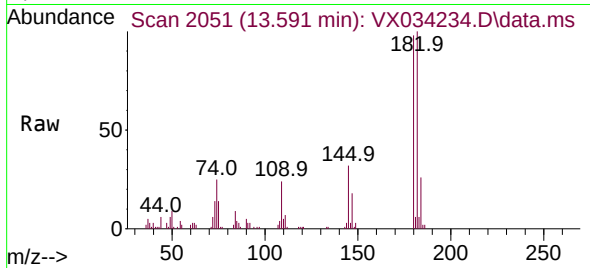
#93
1,2,4-Trichlorobenzene
Concen: 2.266 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:180 Resp: 998
Ion Ratio Lower Upper
180 100
182 100.7 47.9 143.6
145 34.0 14.1 42.2

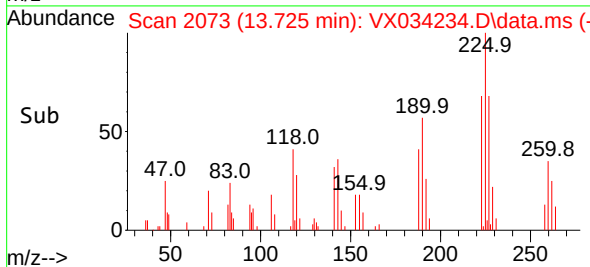
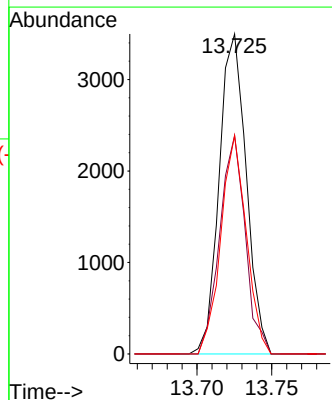
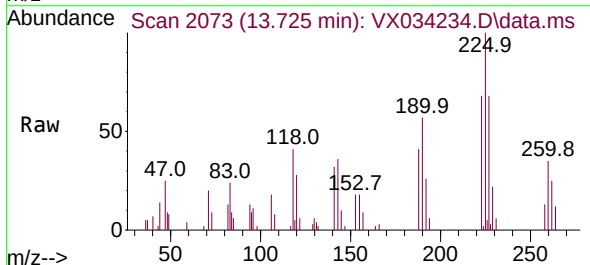
Manual Integrations
APPROVED

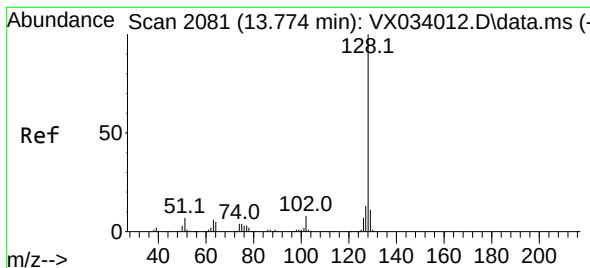
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#94
Hexachlorobutadiene
Concen: 2.410 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion:225 Resp: 4401
Ion Ratio Lower Upper
225 100
223 64.4 31.3 93.9
227 64.3 32.3 96.9





#95

Naphthalene

Concen: 2.375 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

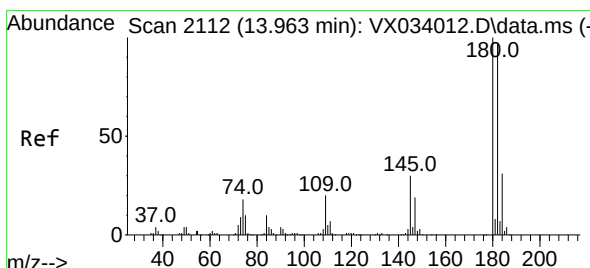
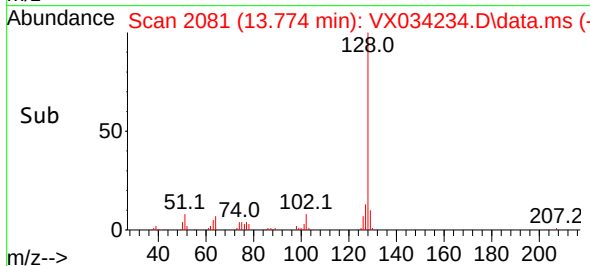
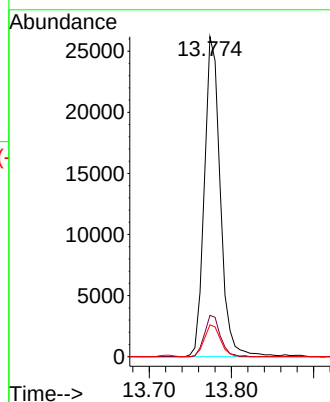
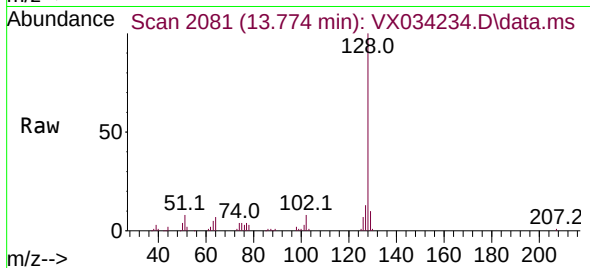
Tgt Ion:	128	Resp:	3524
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	10.2	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#96

1,2,3-Trichlorobenzene

Concen: 2.450 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Tgt Ion:	180	Resp:	10716
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.6	142.9
145	32.7	15.1	45.3

