

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051723\
 Data File : VN077714.D
 Acq On : 17 May 2023 15:20
 Operator : JC\MD
 Sample : 02213-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2023

Quant Time: May 18 02:42:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 02:40:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

05/18/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	357876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	657380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	563085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	219028	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	284748	53.177	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.360%	
35) Dibromofluoromethane	8.171	113	226921	52.936	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.880%	
50) Toluene-d8	10.570	98	848646	51.434	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.860%	
62) 4-Bromofluorobenzene	12.859	95	267668	45.933	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.860%	

Target Compounds				Qvalue		
3) Chloromethane	2.365	50	1944	0.398	ug/l	92
4) Vinyl Chloride	2.524	62	1190	0.232	ug/l #	1
5) Bromomethane	2.965	94	2009	0.529	ug/l	90
6) Chloroethane	3.130	64	935m	0.253	ug/l	
7) Trichlorofluoromethane	3.494	101	1611	0.225	ug/l #	67
10) Methyl Iodide	4.612	142	1756	0.372	ug/l #	38
11) Tert butyl alcohol	5.524	59	1352m	1.829	ug/l	
13) Acrolein	4.183	56	910m	1.732	ug/l	
15) Acrylonitrile	5.741	53	2299m	1.164	ug/l	
16) Acetone	4.465	43	3276	1.945	ug/l #	40
18) Methyl Acetate	5.036	43	1452	0.205	ug/l #	75
20) Methylene Chloride	5.283	84	2442	0.484	ug/l	95
21) trans-1,2-Dichloroethene	5.788	96	997m	0.236	ug/l	
23) Vinyl Acetate	6.618	43	6837	0.851	ug/l	95
24) 1,1-Dichloroethane	6.588	63	1610m	0.203	ug/l	
25) 2-Butanone	7.500	43	2660	1.009	ug/l #	58
28) Bromochloromethane	7.812	49	848	0.247	ug/l #	38
29) Tetrahydrofuran	7.865	42	2295m	1.330	ug/l	
30) Chloroform	7.982	83	2576m	0.295	ug/l	
32) 1,1,1-Trichloroethane	8.171	97	1620	0.218	ug/l #	24
36) 1,1-Dichloropropene	8.382	75	1485	0.237	ug/l #	80
39) Methylcyclohexane	9.618	83	1990m	0.259	ug/l	
40) Benzene	8.612	78	4213	0.228	ug/l #	86
42) 1,2-Dichloroethane	8.682	62	1878	0.279	ug/l #	73
43) Isopropyl Acetate	8.706	43	1833m	0.201	ug/l	
44) Trichloroethene	9.353	130	1123m	0.240	ug/l	
45) 1,2-Dichloropropane	9.635	63	995m	0.211	ug/l	
46) Dibromomethane	9.712	93	701	0.208	ug/l #	84
48) Methyl methacrylate	9.694	41	1122	0.259	ug/l #	69
49) 1,4-Dioxane	9.700	88	139m	1.700	ug/l	
51) 4-Methyl-2-Pentanone	10.447	43	5231	0.964	ug/l	94
52) Toluene	10.635	92	2557	0.222	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	1574	0.209	ug/l #	85
56) Ethyl methacrylate	10.888	69	1489	0.215	ug/l #	65
57) 1,3-Dichloropropane	11.176	76	1797	0.229	ug/l #	75
58) 2-Chloroethyl Vinyl ether	10.170	63	3461	1.017	ug/l #	83

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59) 2-Hexanone	11.206	43	4396	1.095	ug/l	93
60) Dibromochloromethane	11.359	129	999	0.212	ug/l	97
61) 1,2-Dibromoethane	11.465	107	1303	0.286	ug/l #	77
64) Tetrachloroethene	11.112	164	1291	0.328	ug/l	92
65) Chlorobenzene	11.900	112	3041	0.249	ug/l #	86
66) 1,1,1,2-Tetrachloroethane	11.964	131	973	0.230	ug/l #	58
67) Ethyl Benzene	11.970	91	4818	0.220	ug/l #	86
68) m/p-Xylenes	12.082	106	3791	0.457	ug/l	90
69) o-Xylene	12.400	106	1682	0.206	ug/l	94
70) Styrene	12.423	104	3099	0.239	ug/l	92
73) Isopropylbenzene	12.700	105	4056	0.215	ug/l	83
74) N-amyl acetate	12.500	43	1789	0.256	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	1453	0.250	ug/l #	92
76) 1,2,3-Trichloropropane	12.994	75	1535m	0.280	ug/l	
77) Bromobenzene	12.988	156	1204	0.279	ug/l	79
78) n-propylbenzene	13.047	91	4948	0.222	ug/l	98
79) 2-Chlorotoluene	13.135	91	3287	0.247	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	3719	0.234	ug/l	87
82) 4-Chlorotoluene	13.229	91	3904	0.295	ug/l	85
83) tert-Butylbenzene	13.447	119	3040	0.219	ug/l	99
84) 1,2,4-Trimethylbenzene	13.494	105	3611	0.231	ug/l	89
85) sec-Butylbenzene	13.629	105	4097	0.208	ug/l	98
86) p-Isopropyltoluene	13.741	119	3583	0.228	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	2591	0.325	ug/l	92
88) 1,4-Dichlorobenzene	13.817	146	2653m	0.336	ug/l	
89) n-Butylbenzene	14.058	91	3374	0.234	ug/l	91
91) 1,2-Dichlorobenzene	14.111	146	1839	0.247	ug/l	80
93) 1,2,4-Trichlorobenzene	15.400	180	2114	0.486	ug/l #	59
95) Naphthalene	15.641	128	5787	0.387	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.847	180	1812	0.425	ug/l	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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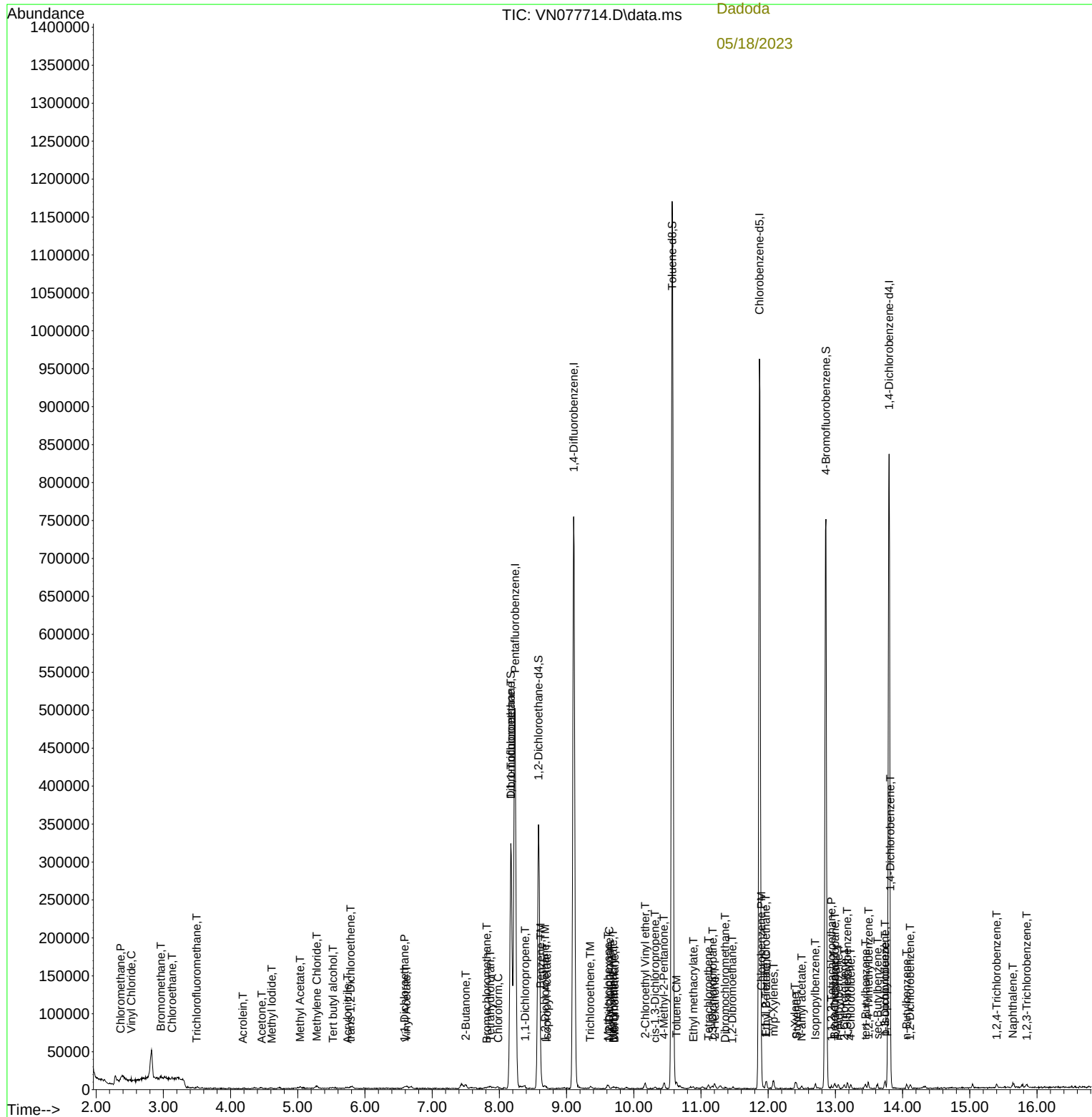
Manual Integrations
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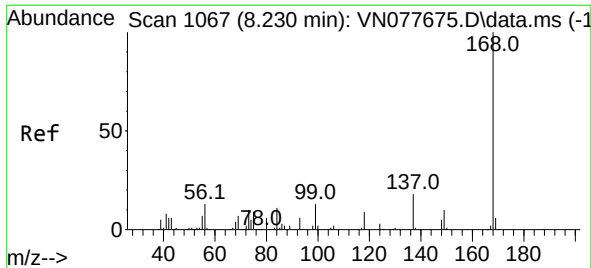
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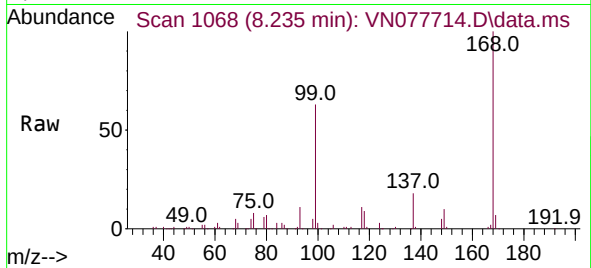
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023



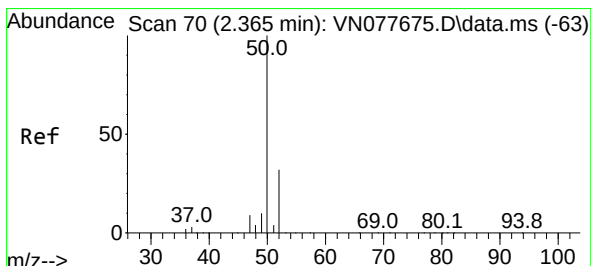
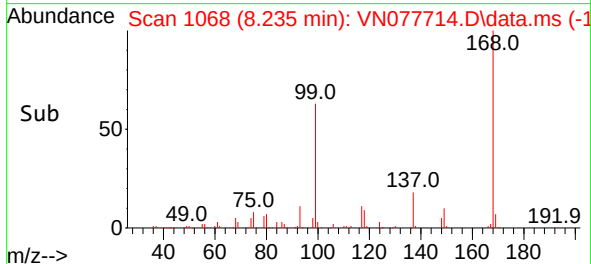
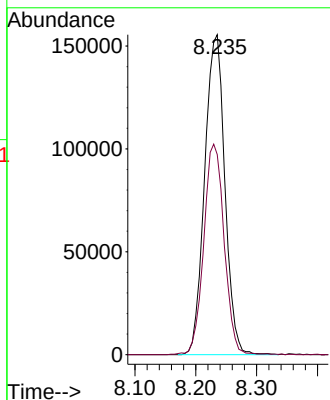
Tgt Ion:168 Resp: 357870
Ion Ratio Lower Upper
168 100
99 62.4 53.0 79.6

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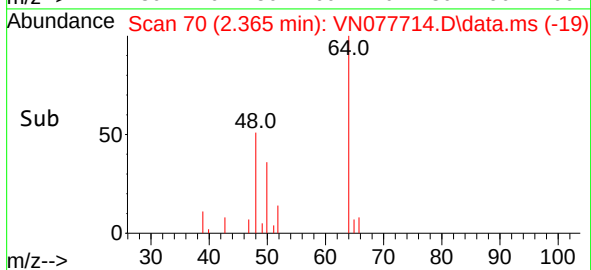
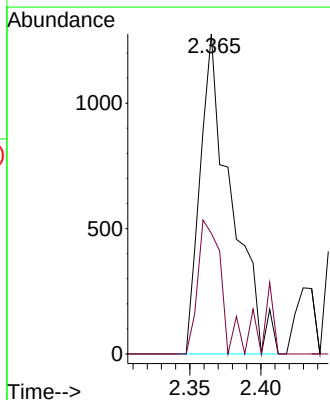
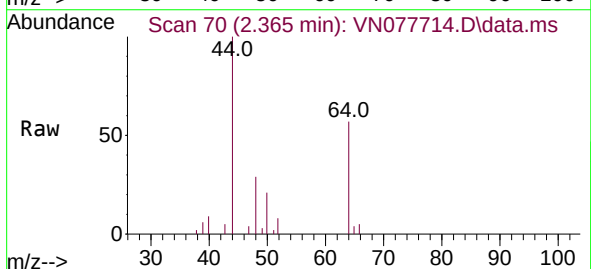
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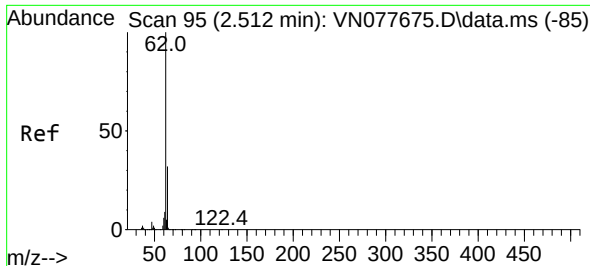
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#3
Chloromethane
Concen: 0.398 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

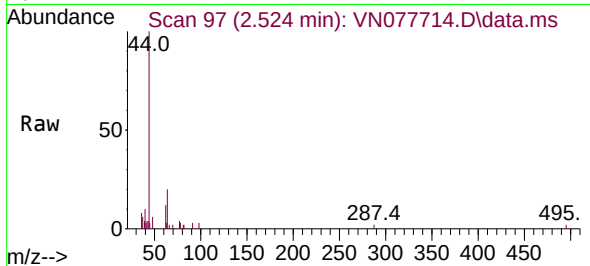
Tgt Ion: 50 Resp: 1944
Ion Ratio Lower Upper
50 100
52 37.7 26.5 39.7





#4
 Vinyl Chloride
 Concen: 0.232 ug/l
 RT: 2.524 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VN077714.D
 Acq: 17 May 2023 15:20

Instrument :
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 ClientSampleId :
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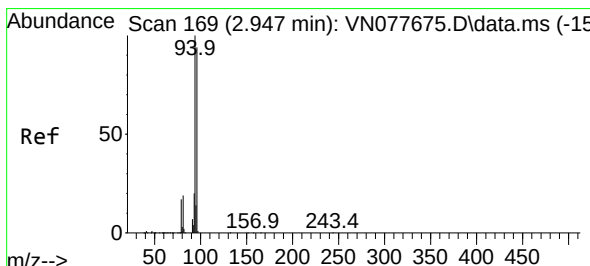
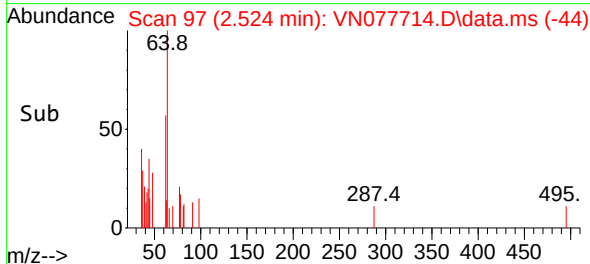
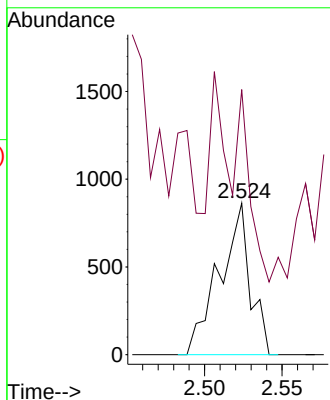
Tgt Ion: 62 Resp: 1190
 Ion Ratio Lower Upper
 62 100
 64 110.6 26.2 39.2

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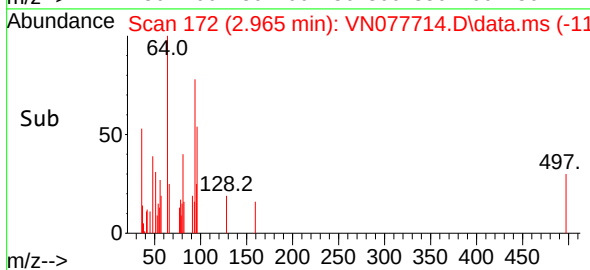
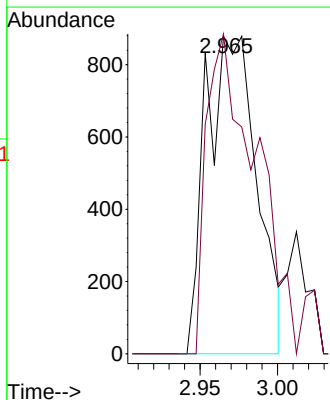
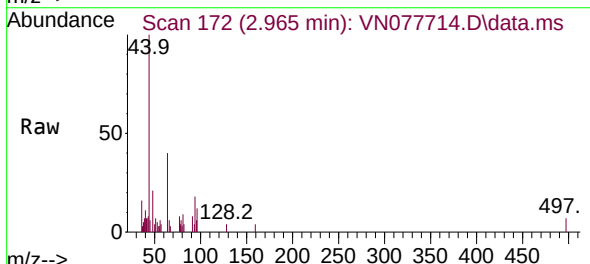
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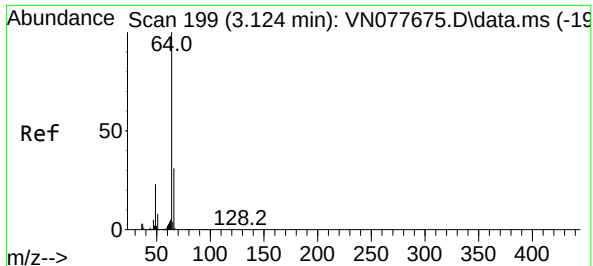
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#5
 Bromomethane
 Concen: 0.529 ug/l
 RT: 2.965 min Scan# 172
 Delta R.T. 0.018 min
 Lab File: VN077714.D
 Acq: 17 May 2023 15:20

Tgt Ion: 94 Resp: 2009
 Ion Ratio Lower Upper
 94 100
 96 100.7 73.1 109.7





#6
Chloroethane
Concen: 0.253 ug/l m
RT: 3.130 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

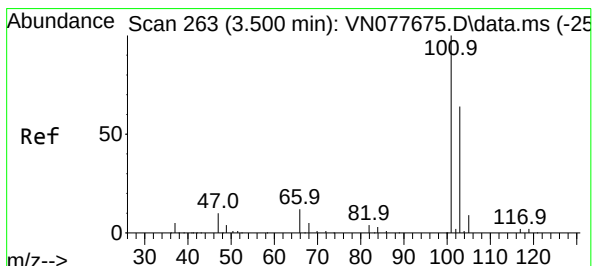
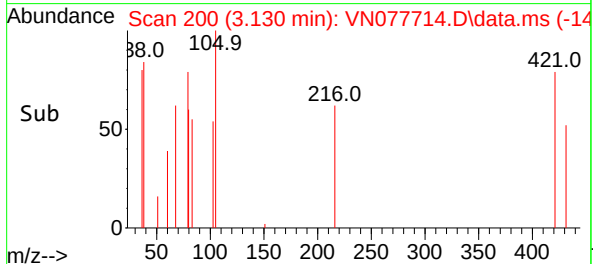
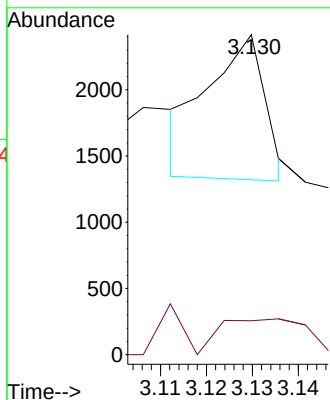
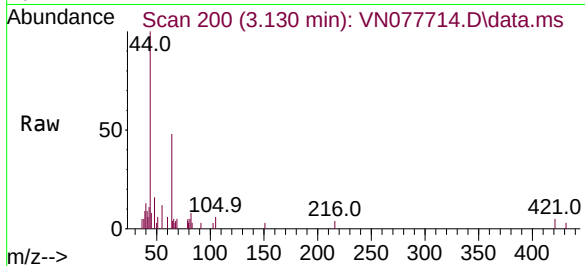
Tgt Ion: 64 Resp: 93
Ion Ratio Lower Upper
64 100
66 10.6 25.4 38.2

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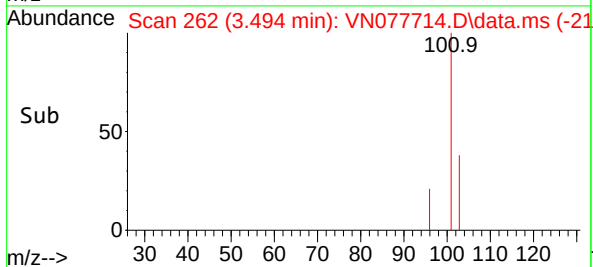
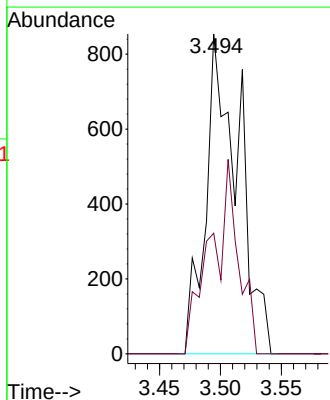
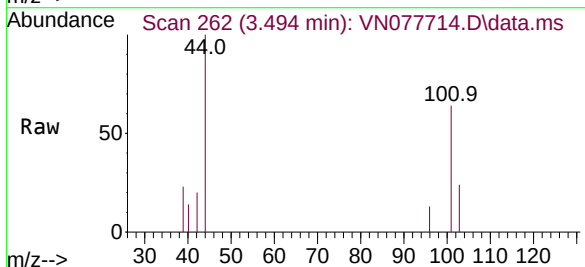
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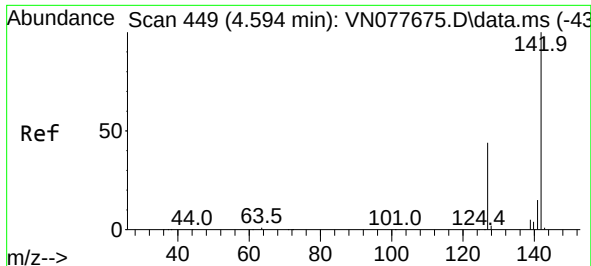
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#7
Trichlorofluoromethane
Concen: 0.225 ug/l
RT: 3.494 min Scan# 262
Delta R.T. -0.006 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

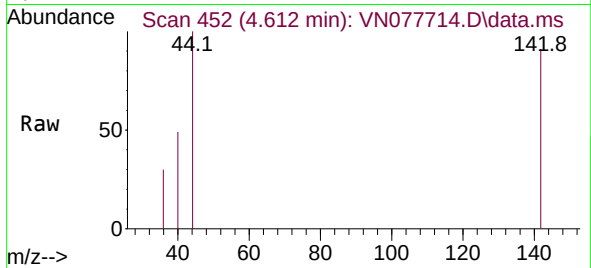
Tgt Ion:101 Resp: 1611
Ion Ratio Lower Upper
101 100
103 37.7 50.7 76.1#





#10
Methyl Iodide
Concen: 0.372 ug/l
RT: 4.612 min Scan# 412
Delta R.T. 0.018 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Instrument :
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ClientSampleId :
MDL-WATER-03-QT2-2023



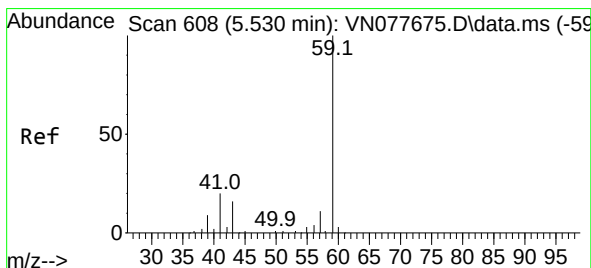
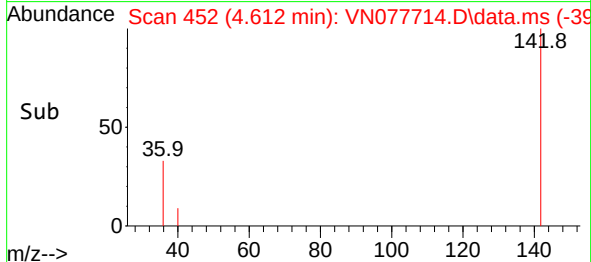
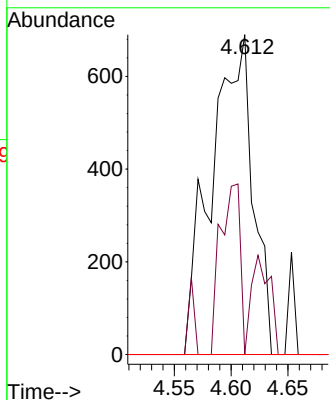
Tgt Ion:142 Resp: 1750
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4
141 0.0 11.4 17.0

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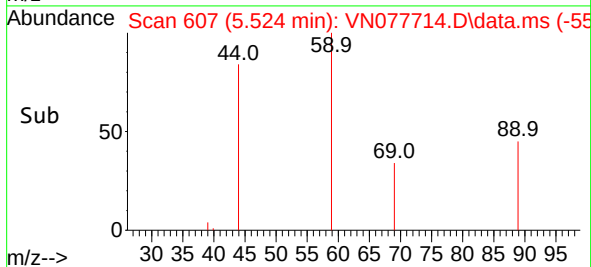
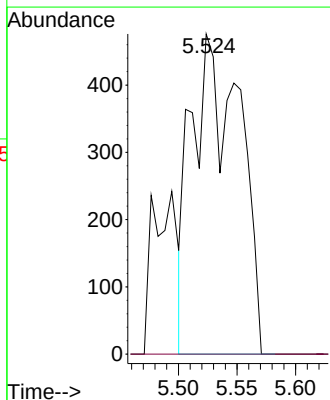
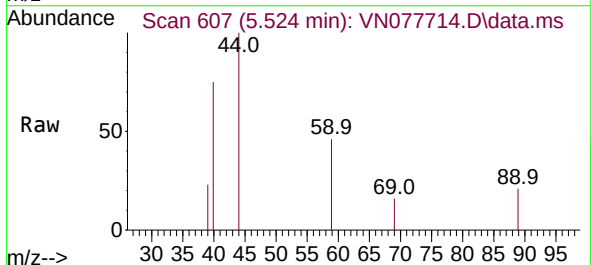
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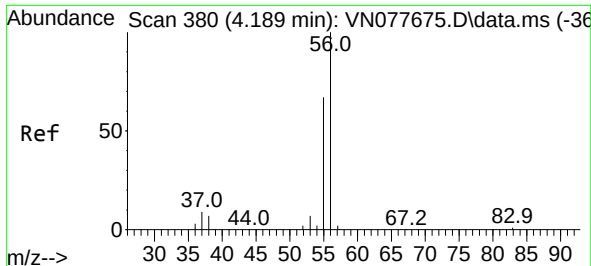
05/18/2023



#11
Tert butyl alcohol
Concen: 1.829 ug/l m
RT: 5.524 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN077714.D
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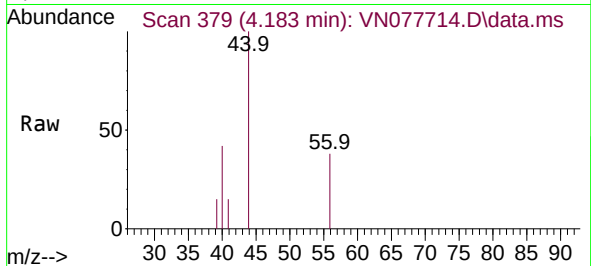
Tgt Ion: 59 Resp: 1352
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4





#13
Acrolein
Concen: 1.732 ug/l m
RT: 4.183 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Instrument :
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ClientSampleId :
MDL-WATER-03-QT2-2023



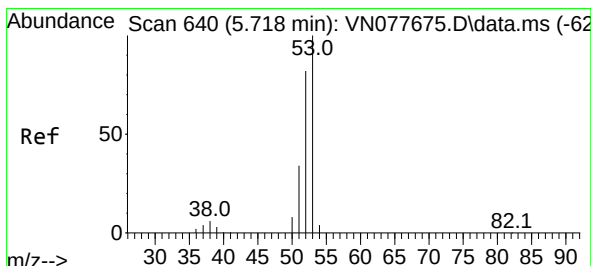
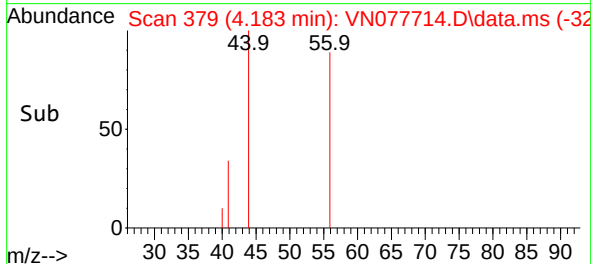
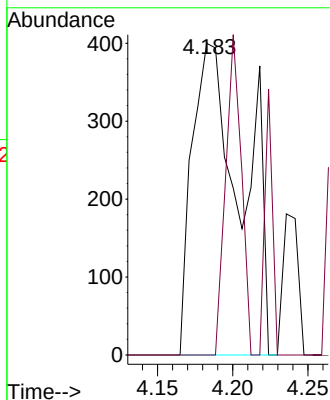
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Ion Ratio Lower Upper
56 100
55 32.7 54.5 81.7

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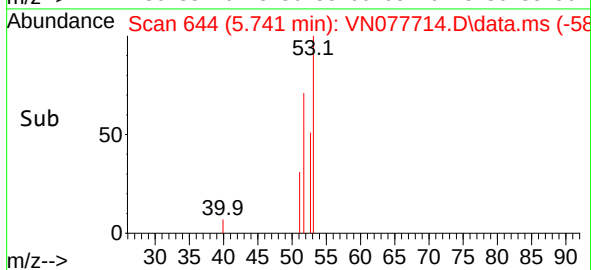
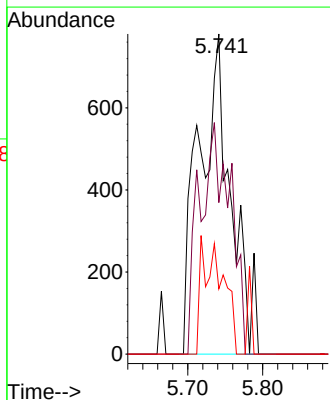
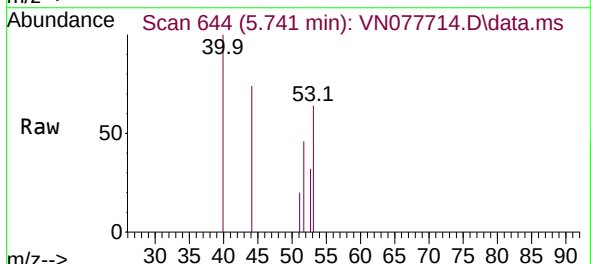
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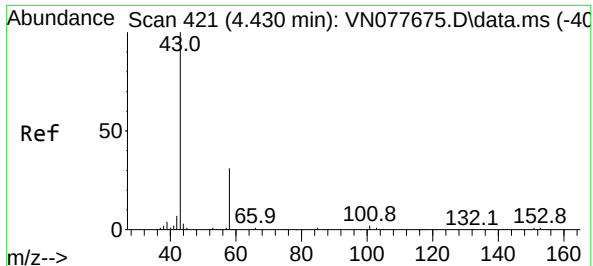
05/18/2023



#15
Acrylonitrile
Concen: 1.164 ug/l m
RT: 5.741 min Scan# 644
Delta R.T. 0.023 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

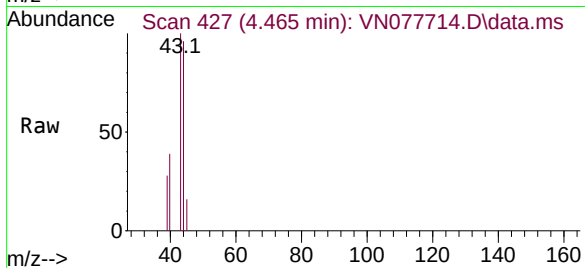
Tgt Ion: 53 Resp: 2299
Ion Ratio Lower Upper
53 100
52 16.4 65.3 97.9#
51 9.8 28.9 43.3#





```
#16
Acetone
Concen:      1.945 ug/l
RT:    4.465 min  Scan# 4
Delta R.T.   0.035 min
Lab File:    VN077714.D
Acq: 17 May 2023  15:20
```

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023



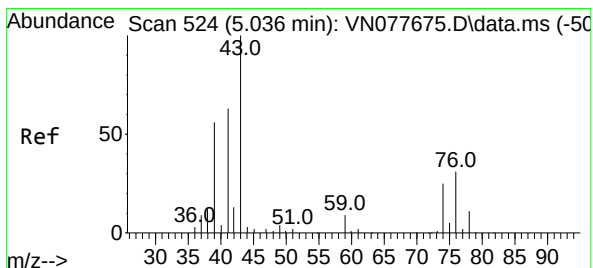
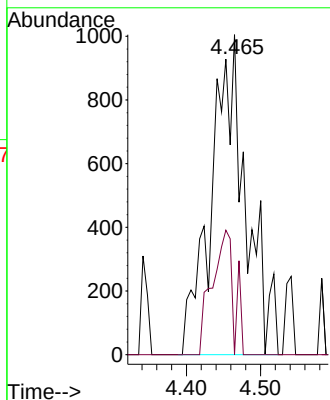
Tgt Ion: 43	Resp: 3270
Ion Ratio	Lower Upper
43 100	
58 0.0	28.0 42.0

Manual Integrations

Reviewed By :John
Carlone

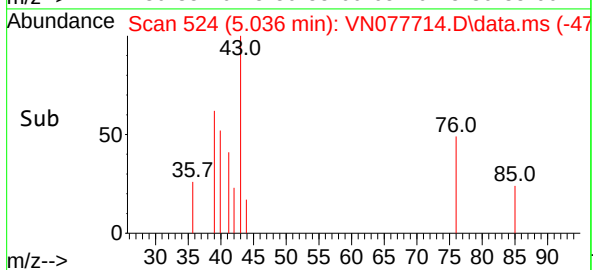
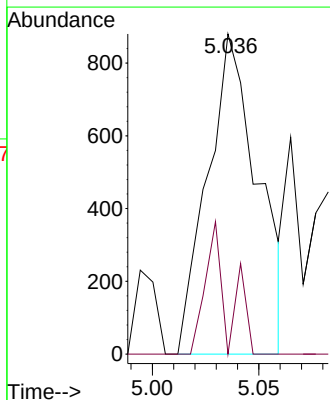
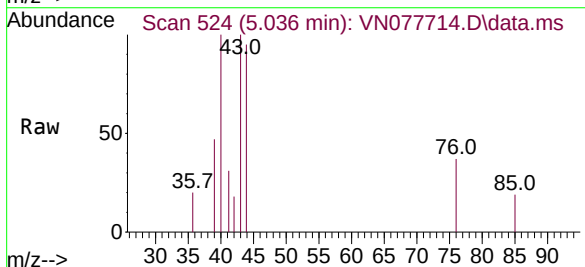
05/18/2023
Supervised By :Mahesh
Dadoda

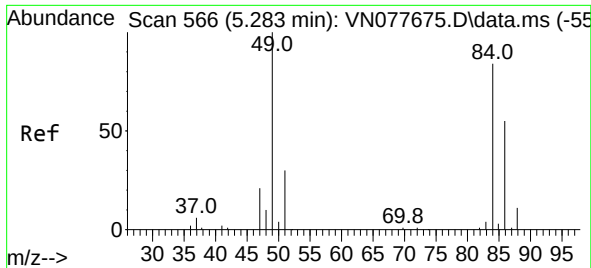
05/18/2023



```
#18
Methyl Acetate
Concen:      0.205 ug/l
RT:    5.036 min Scan# 524
Delta R.T.  -0.000 min
Lab File:    VN077714.D
Acq: 17 May 2023 15:20
```

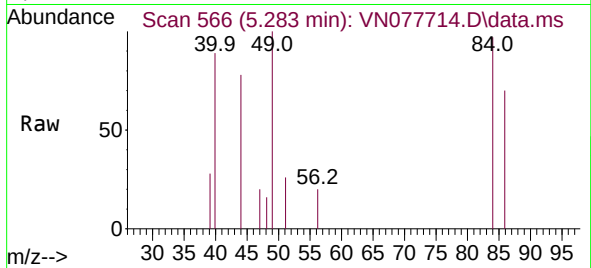
Tgt	Ion: 43	Resp:	1452
Ion	Ratio	Lower	Upper
43	100		
74	18.8	26.2	39.4#





#20
Methylene Chloride
Concen: 0.484 ug/l
RT: 5.283 min Scan# 501
Delta R.T. -0.000 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023



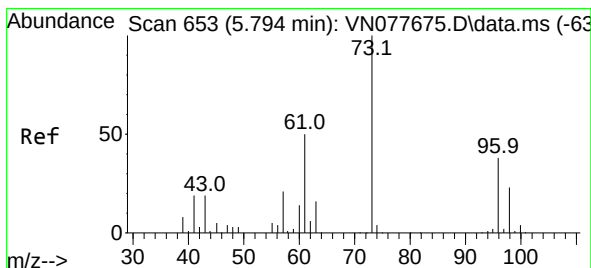
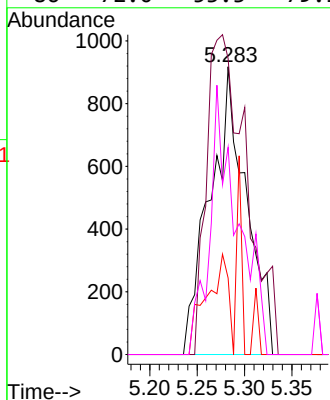
Tgt Ion: 84 Resp: 244
Ion Ratio Lower Upper
84 100
49 102.8 79.7 119.5
51 26.6 25.2 37.8
86 72.0 53.3 79.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

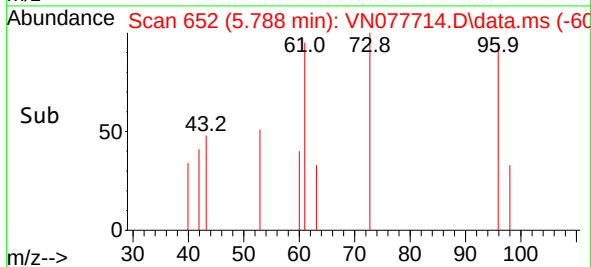
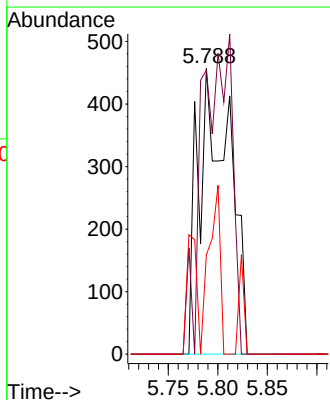
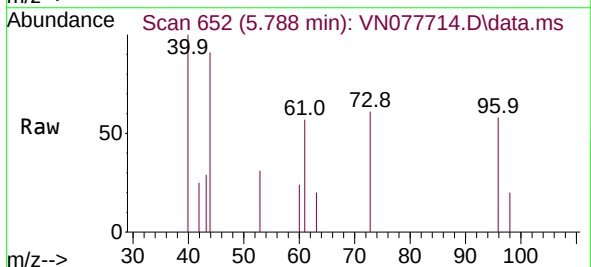
05/18/2023
Supervised By :Mahesh
Dadoda

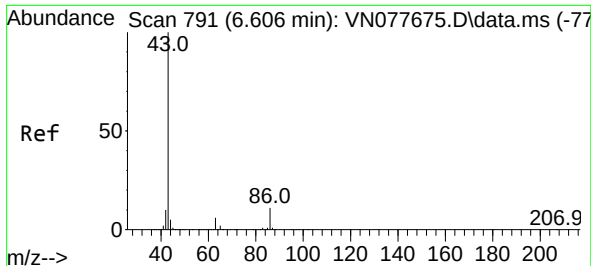
05/18/2023



#21
trans-1,2-Dichloroethene
Concen: 0.236 ug/l m
RT: 5.788 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

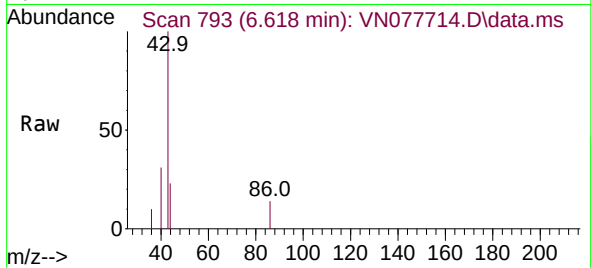
Tgt Ion: 96 Resp: 997
Ion Ratio Lower Upper
96 100
61 99.3 90.1 135.1
98 34.8 46.4 69.6#





#23
 Vinyl Acetate
 Concen: 0.851 ug/l
 RT: 6.618 min Scan# 791
 Delta R.T. 0.012 min
 Lab File: VN077714.D
 Acq: 17 May 2023 15:20

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2023



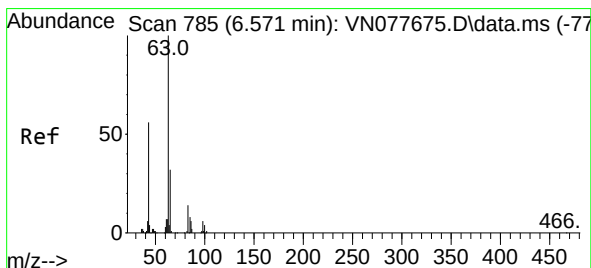
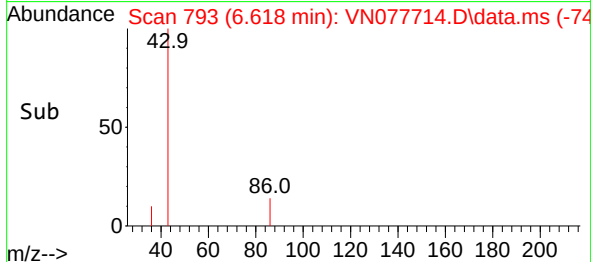
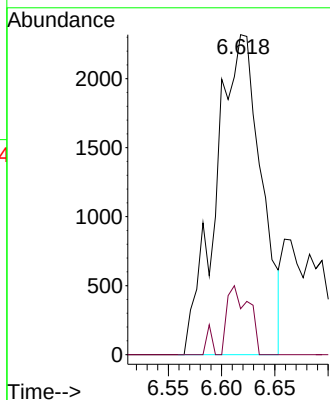
Tgt Ion: 43 Resp: 683
 Ion Ratio Lower Upper
 43 100
 86 14.3 13.0 19.6

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

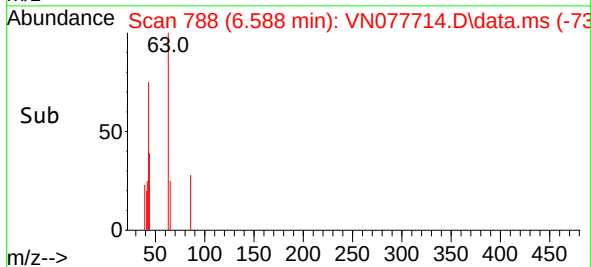
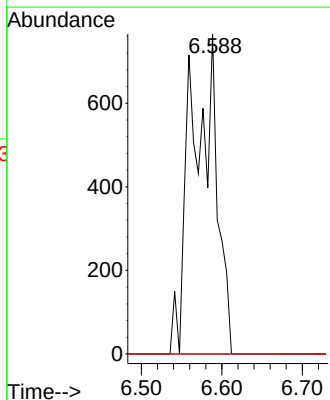
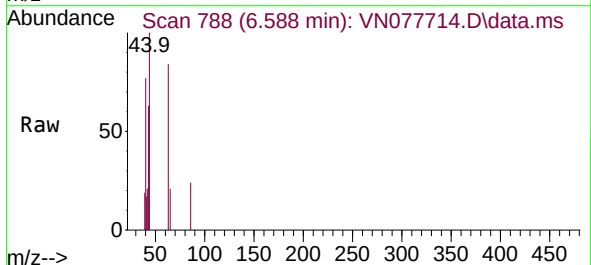
05/18/2023
 Supervised By :Mahesh
 Dadoda

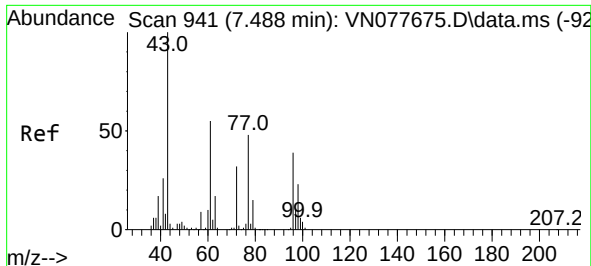
05/18/2023



#24
 1,1-Dichloroethane
 Concen: 0.203 ug/l m
 RT: 6.588 min Scan# 788
 Delta R.T. 0.017 min
 Lab File: VN077714.D
 Acq: 17 May 2023 15:20

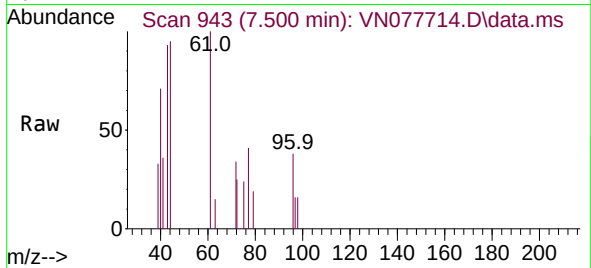
Tgt Ion: 63 Resp: 1610
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 0.0 2.5 7.4#





#25
2-Butanone
Concen: 1.009 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023



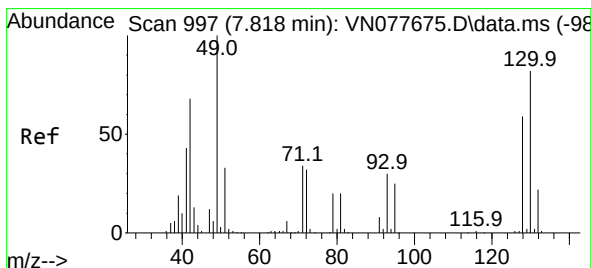
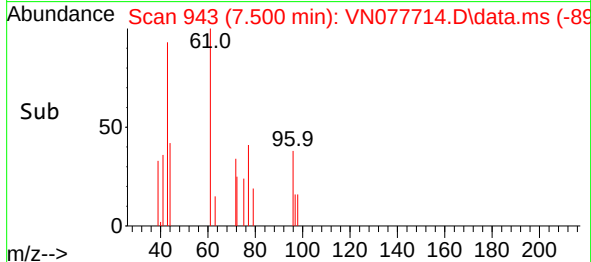
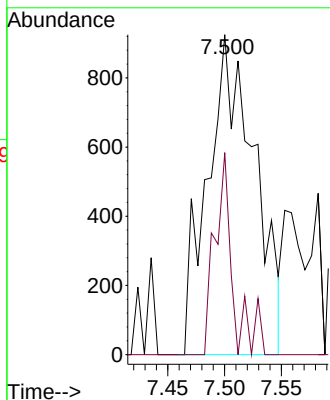
Tgt Ion: 43 Resp: 2660
Ion Ratio Lower Upper
43 100
72 63.1 30.2 45.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

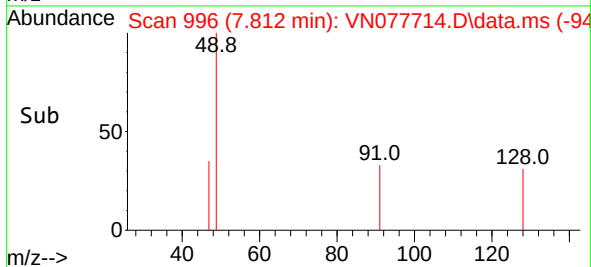
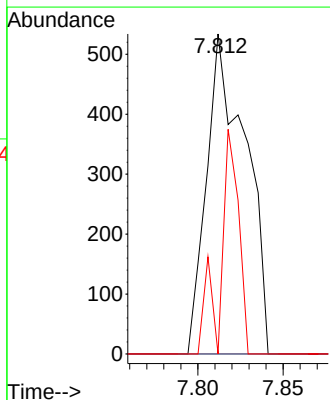
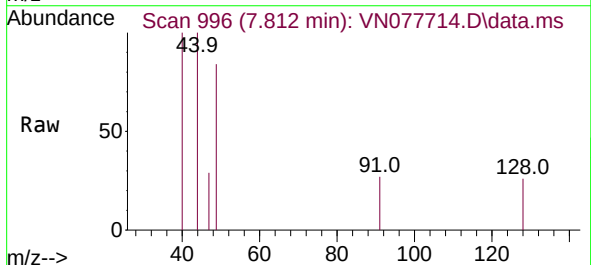
05/18/2023
Supervised By :Mahesh
Dadoda

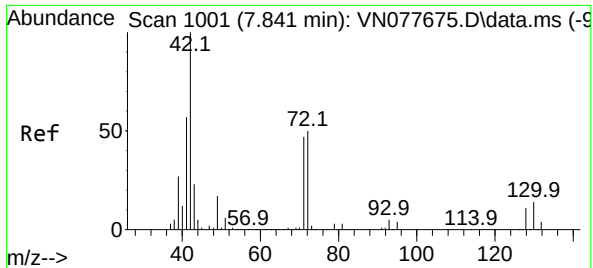
05/18/2023



#28
Bromochloromethane
Concen: 0.247 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Tgt Ion: 49 Resp: 848
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 33.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 1.330 ug/l m

RT: 7.865 min Scan# 1005

Delta R.T. 0.024 min

Lab File: VN077714.D

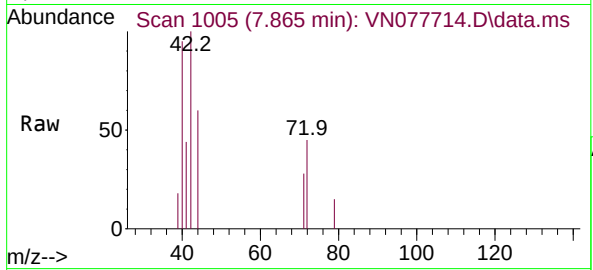
Acq: 17 May 2023 15:20

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2023



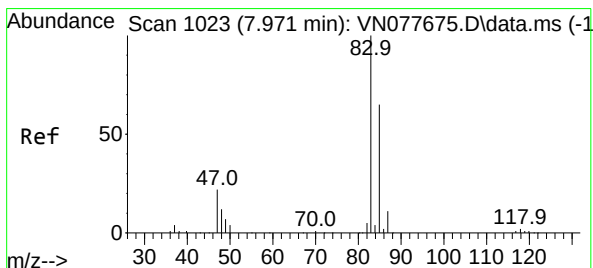
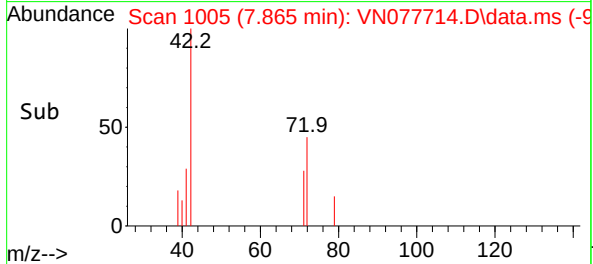
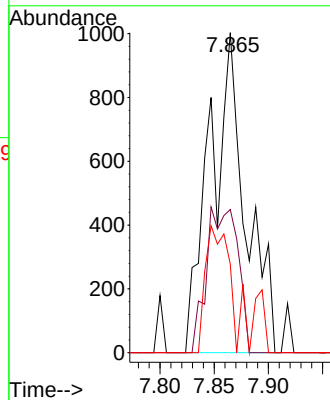
Tgt Ion:	42	Resp:	229
Ion Ratio	100	Lower	Upper
42	100		
72	39.9	49.8	74.6
71	25.2	47.4	71.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

05/18/2023
Supervised By :Mahesh
Dadoda

05/18/2023



#30

Chloroform

Concen: 0.295 ug/l m

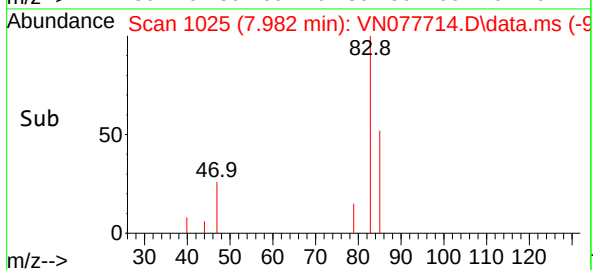
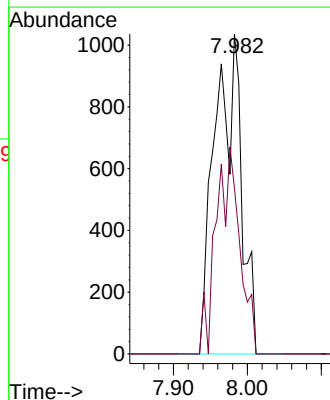
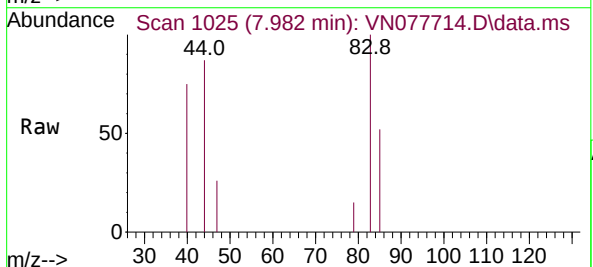
RT: 7.982 min Scan# 1025

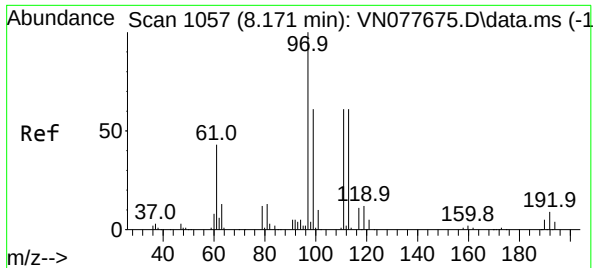
Delta R.T. 0.011 min

Lab File: VN077714.D

Acq: 17 May 2023 15:20

Tgt Ion:	83	Resp:	2576
Ion Ratio	100	Lower	Upper
83	100		
85	51.8	55.4	83.0





#32
1,1,1-Trichloroethane
Concen: 0.218 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2023

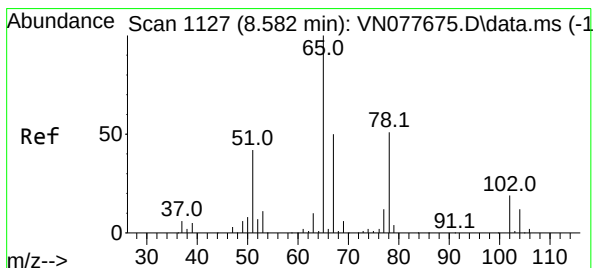
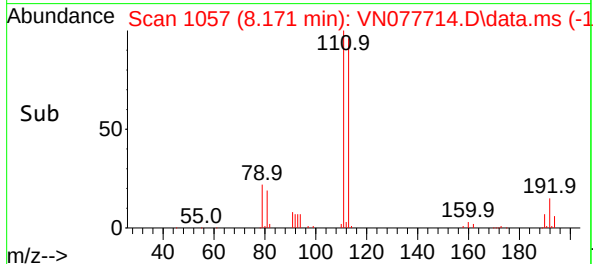
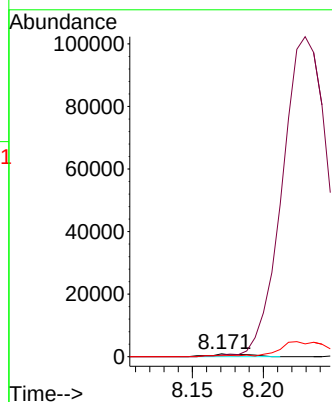
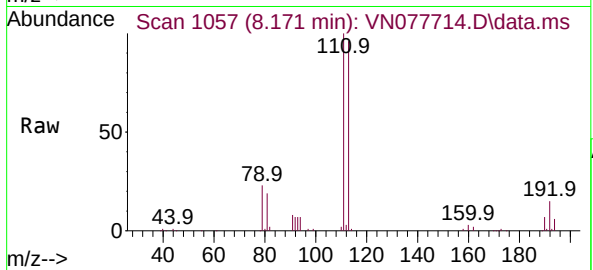
Tgt Ion: 97 Resp: 1620
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5
61 0.0 34.7 52.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

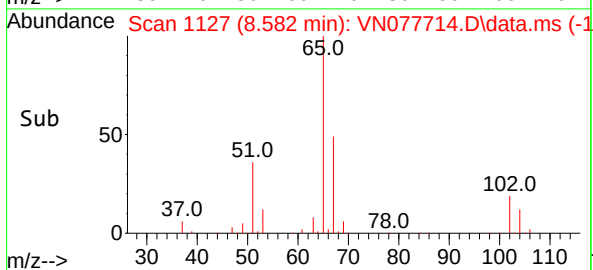
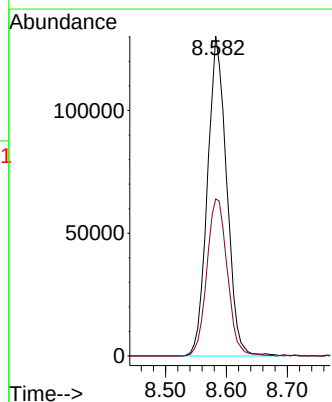
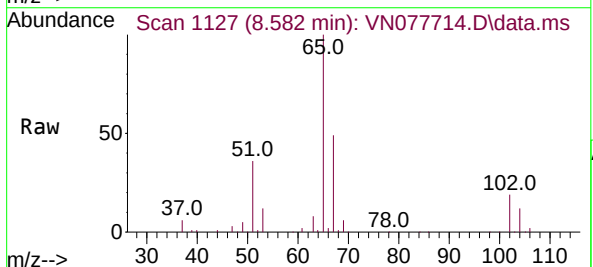
05/18/2023
Supervised By :Mahesh
Dadoda

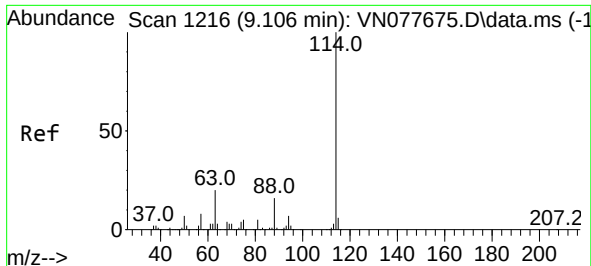
05/18/2023



#33
1,2-Dichloroethane-d4
Concen: 53.177 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

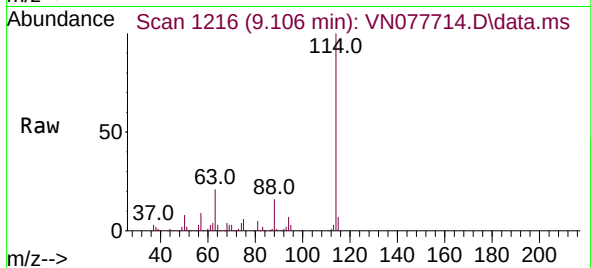
Tgt Ion: 65 Resp: 284748
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023



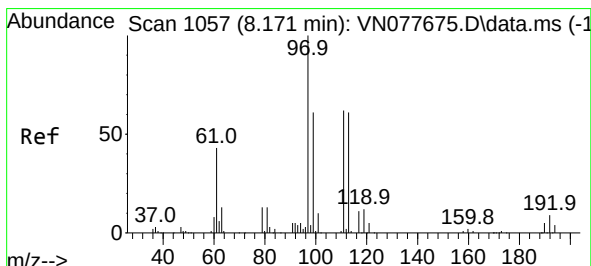
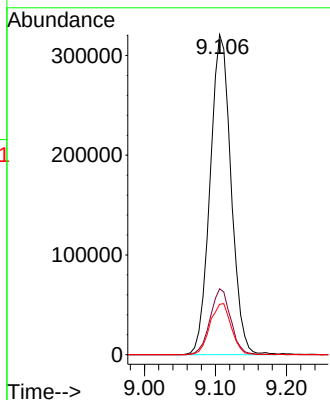
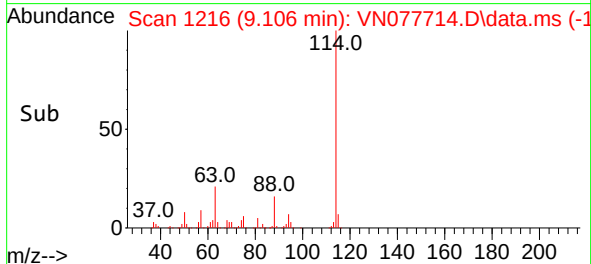
Tgt Ion:114 Resp: 657380
Ion Ratio Lower Upper
114 100
63 20.6 0.0 36.4
88 15.8 0.0 30.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

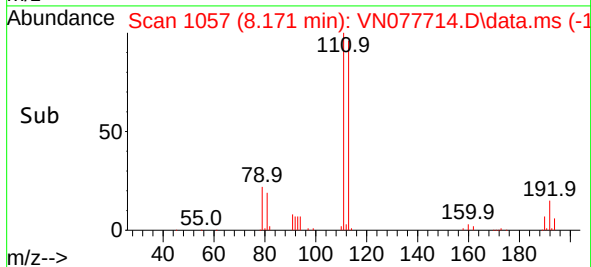
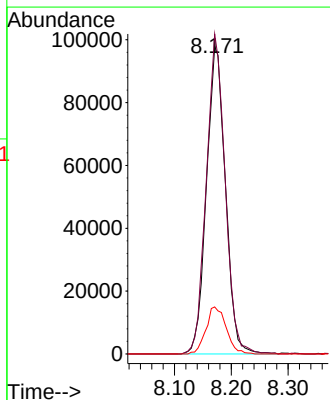
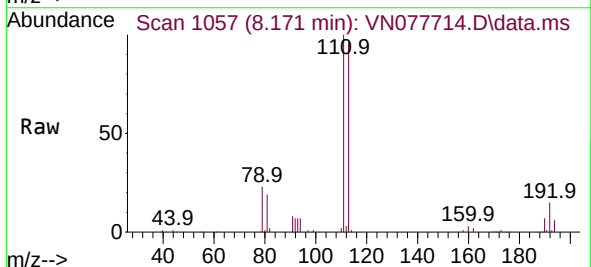
05/18/2023
Supervised By :Mahesh
Dadoda

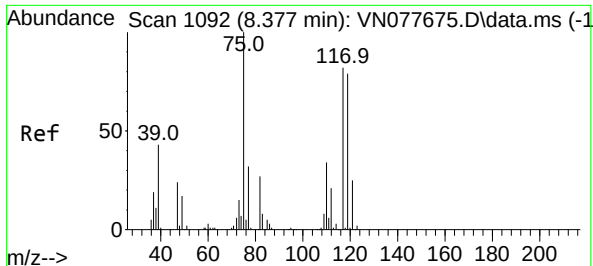
05/18/2023



#35
Dibromofluoromethane
Concen: 52.936 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Tgt Ion:113 Resp: 226921
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 16.3 12.7 19.1





#36

1,1-Dichloropropene

Concen: 0.237 ug/l

RT: 8.382 min Scan# 1092

Delta R.T. 0.005 min

Lab File: VN077714.D

Acq: 17 May 2023 15:20

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion:	75	Resp:	148
Ion Ratio	Lower	Upper	
75	100		
110	32.4	19.1	57.3
77	13.4	25.0	37.4

Manual Integrations

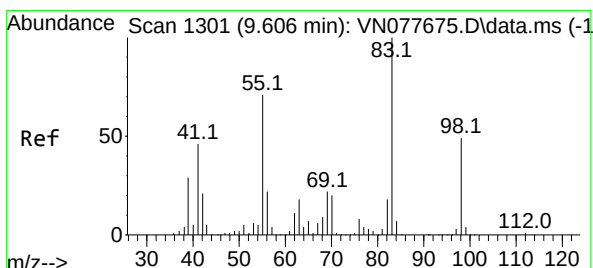
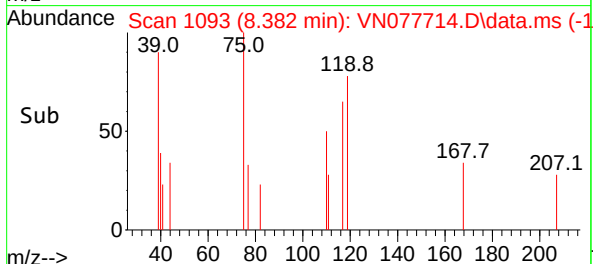
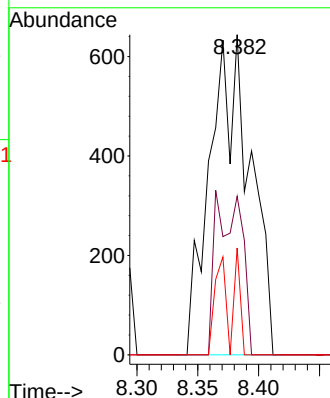
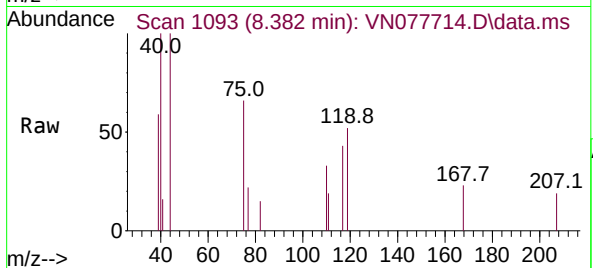
APPROVED

Reviewed By :John
Carlone

05/18/2023

Supervised By :Mahesh
Dadoda

05/18/2023



#39

Methylcyclohexane

Concen: 0.259 ug/l m

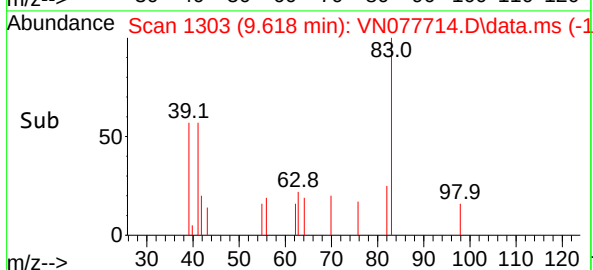
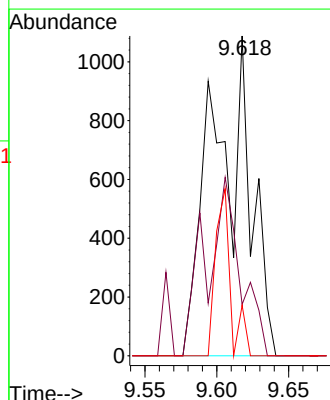
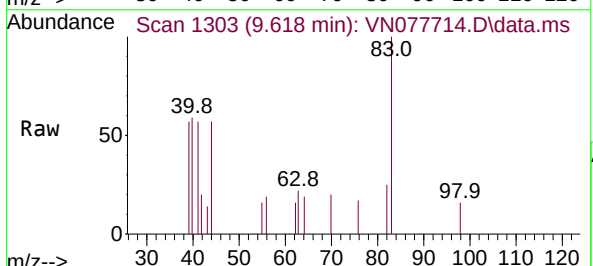
RT: 9.618 min Scan# 1303

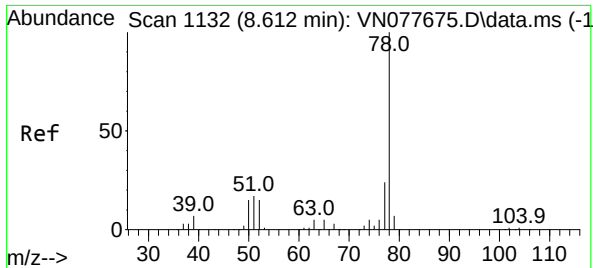
Delta R.T. 0.012 min

Lab File: VN077714.D

Acq: 17 May 2023 15:20

Tgt Ion:	83	Resp:	1990
Ion Ratio	Lower	Upper	
83	100		
55	16.1	49.1	73.7#
98	15.8	40.6	61.0#





#40

Benzene

Concen: 0.228 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077714.D

Acq: 17 May 2023 15:20

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion: 78 Resp: 421
 Ion Ratio Lower Upper
 78 100
 77 17.2 19.0 28.6

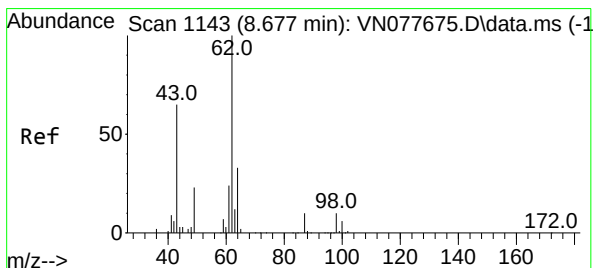
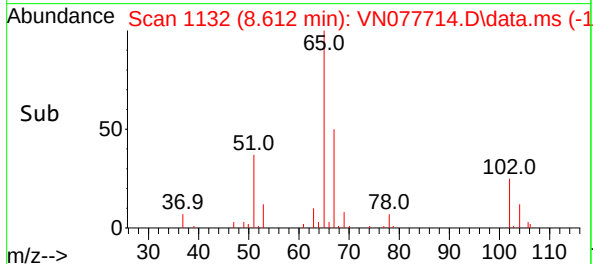
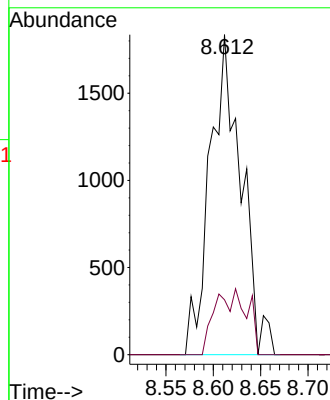
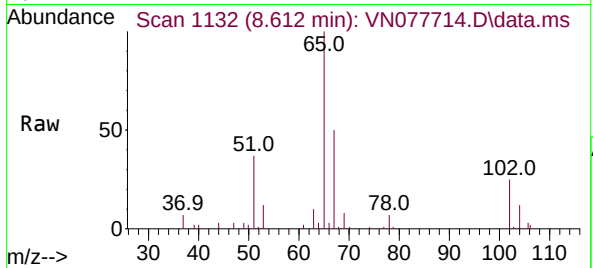
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

05/18/2023

Supervised By :Mahesh
 Dadoda

05/18/2023



#42

1,2-Dichloroethane

Concen: 0.279 ug/l

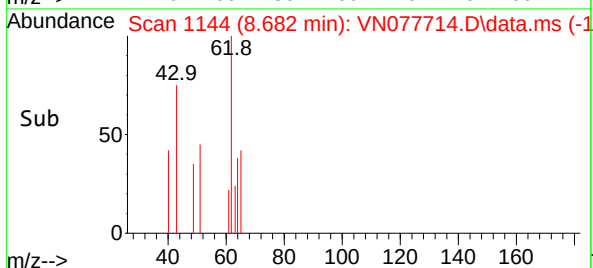
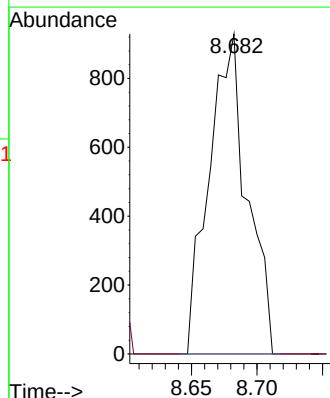
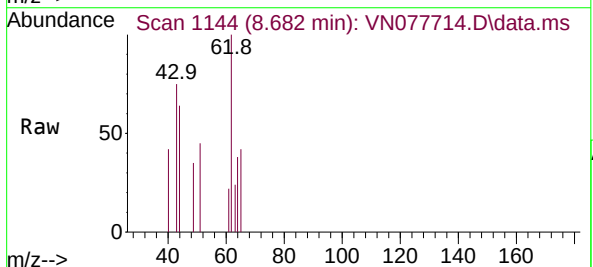
RT: 8.682 min Scan# 1144

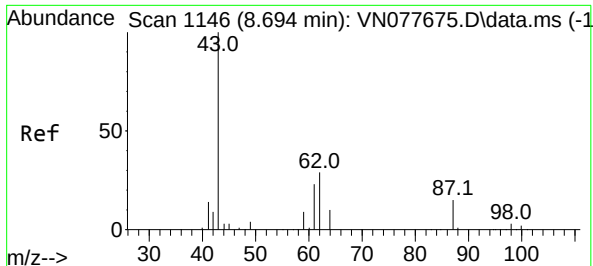
Delta R.T. 0.005 min

Lab File: VN077714.D

Acq: 17 May 2023 15:20

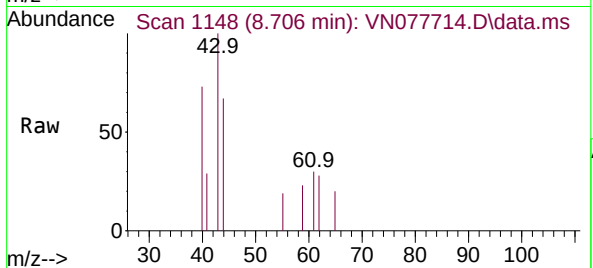
Tgt Ion: 62 Resp: 1878
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 19.8





#43
Isopropyl Acetate
Concen: 0.201 ug/l m
RT: 8.706 min Scan# 1146
Delta R.T. 0.012 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2023



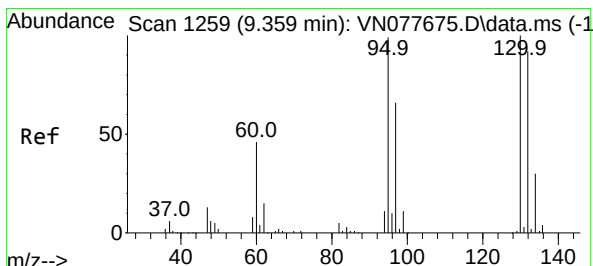
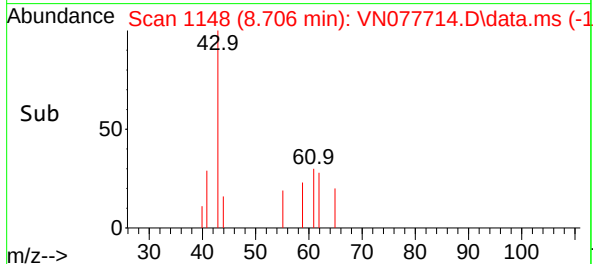
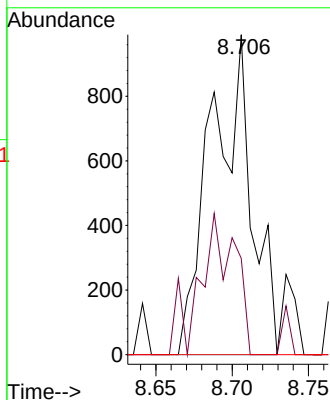
Tgt Ion: 43 Resp: 183
Ion Ratio Lower Upper
43 100
61 38.7 24.7 37.1
87 0.0 14.6 21.8

Manual Integrations
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Reviewed By :John
Carlone

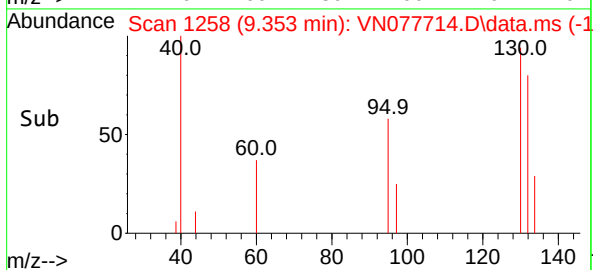
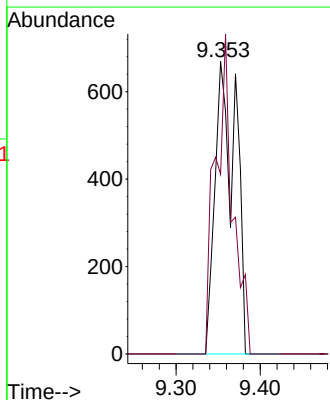
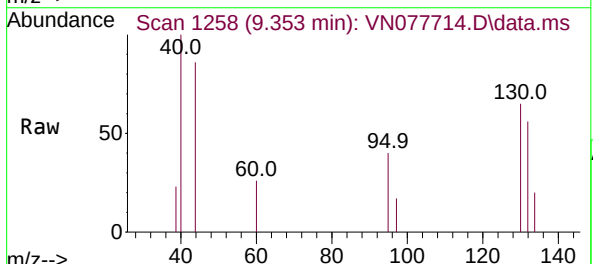
05/18/2023
Supervised By :Mahesh
Dadoda

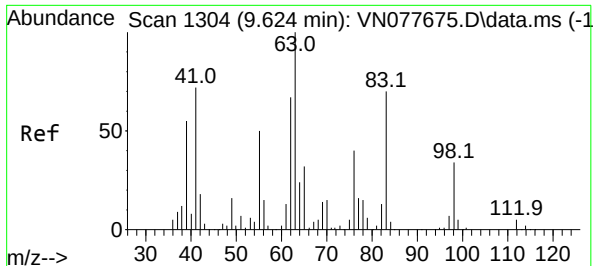
05/18/2023



#44
Trichloroethene
Concen: 0.240 ug/l m
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Tgt Ion:130 Resp: 1123
Ion Ratio Lower Upper
130 100
95 61.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 0.211 ug/l m

RT: 9.635 min Scan# 1306

Delta R.T. 0.011 min

Lab File: VN077714.D

Acq: 17 May 2023 15:20

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion: 63 Resp: 99
 Ion Ratio Lower Upper
 63 100
 65 36.1 23.9 35.9

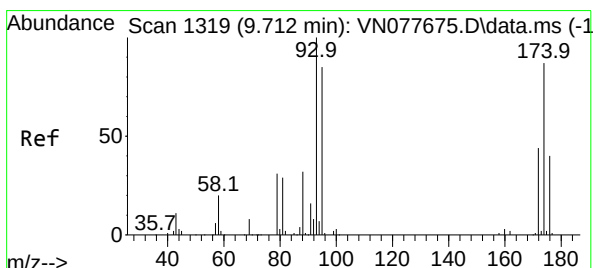
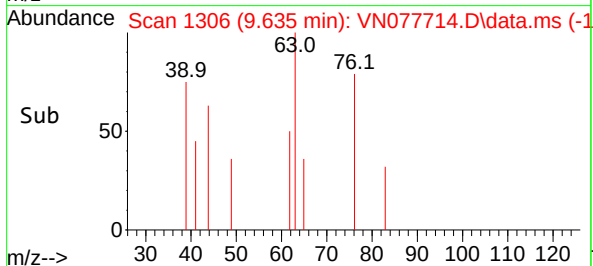
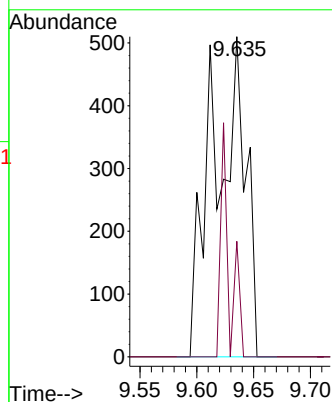
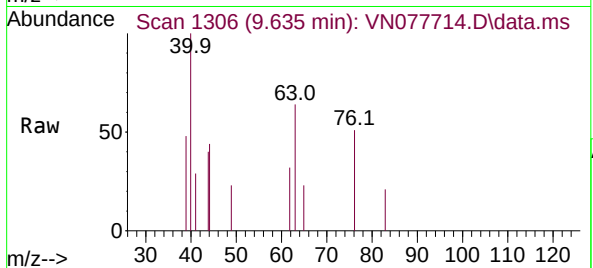
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

05/18/2023

Supervised By :Mahesh
 Dadoda

05/18/2023



#46

Dibromomethane

Concen: 0.208 ug/l

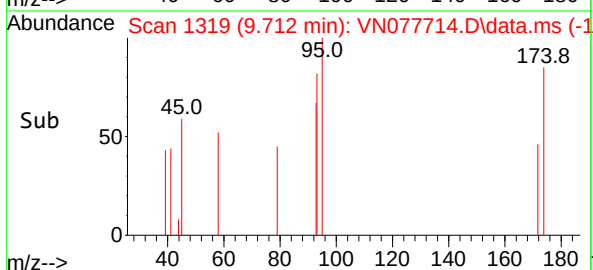
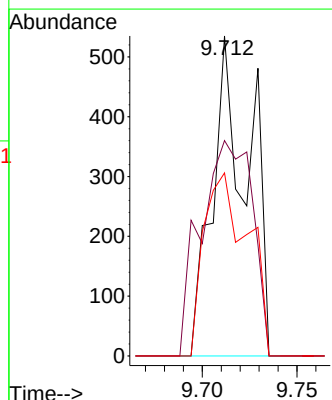
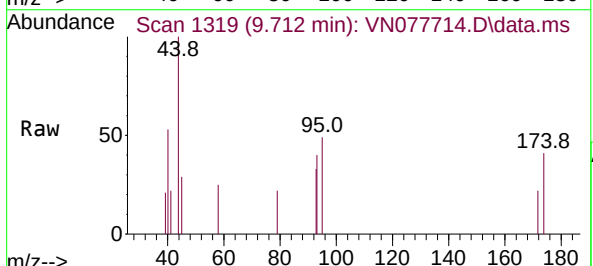
RT: 9.712 min Scan# 1319

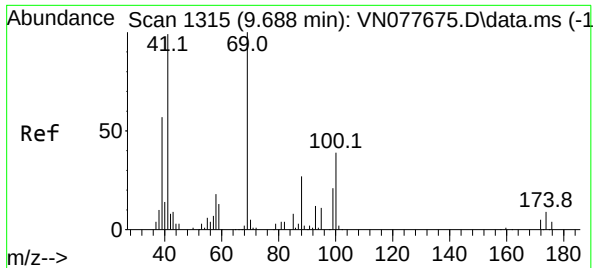
Delta R.T. -0.000 min

Lab File: VN077714.D

Acq: 17 May 2023 15:20

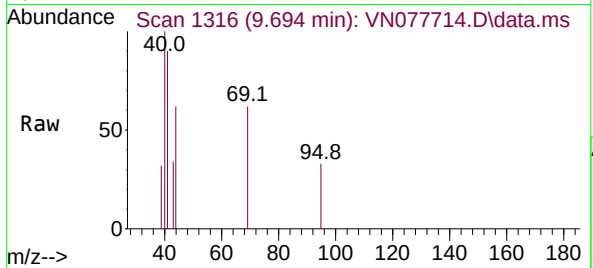
Tgt Ion: 93 Resp: 701
 Ion Ratio Lower Upper
 93 100
 95 97.4 63.8 95.8#
 174 70.5 65.6 98.4





#48
Methyl methacrylate
Concen: 0.259 ug/l
RT: 9.694 min Scan# 1122
Delta R.T. 0.006 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023



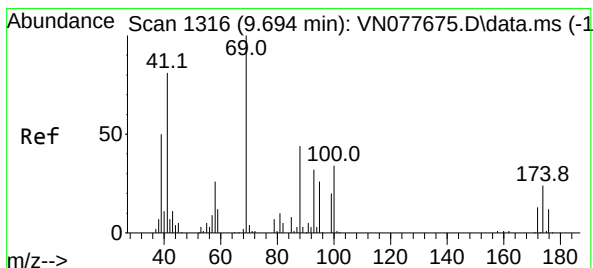
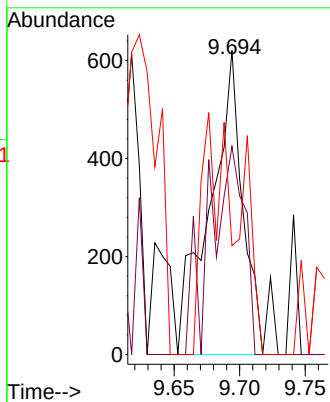
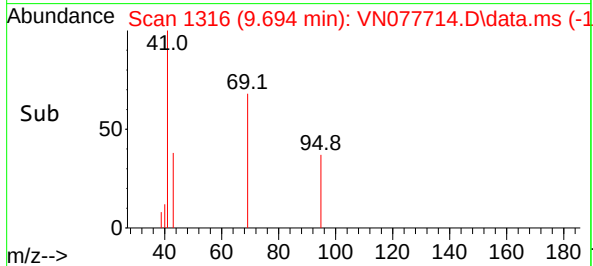
Tgt Ion: 41 Resp: 1122
Ion Ratio Lower Upper
41 100
69 70.5 90.4 135.6#
39 82.3 54.6 81.8#

Manual Integrations
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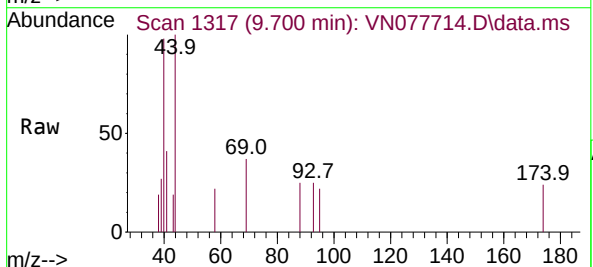
Reviewed By :John
Carlone

05/18/2023
Supervised By :Mahesh
Dadoda

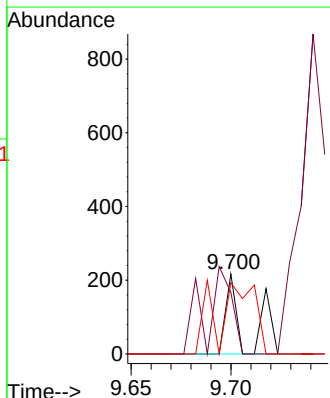
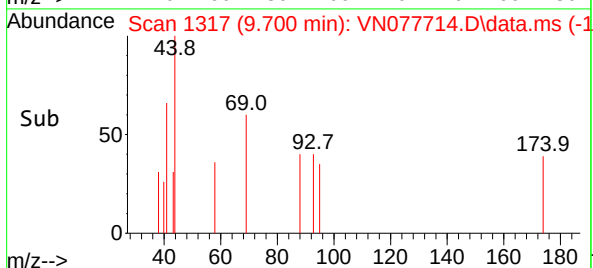
05/18/2023

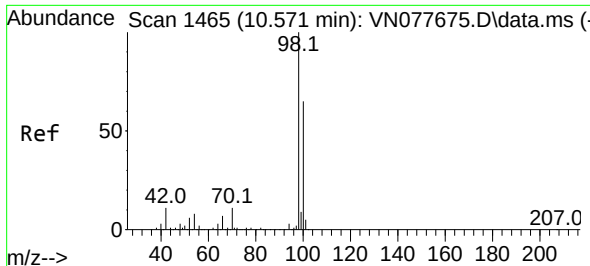


#49
1,4-Dioxane
Concen: 1.700 ug/l m
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20



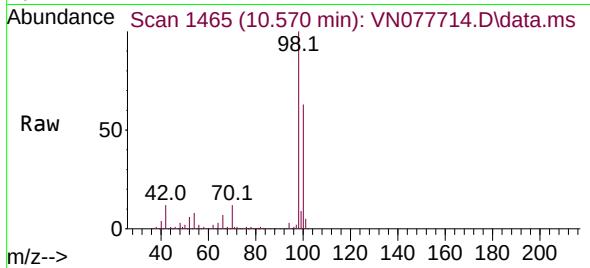
Tgt Ion: 88 Resp: 139
Ion Ratio Lower Upper
88 100
43 154.7 17.0 25.6#
58 134.5 47.0 70.4#





#50
Toluene-d8
Concen: 51.434 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2023



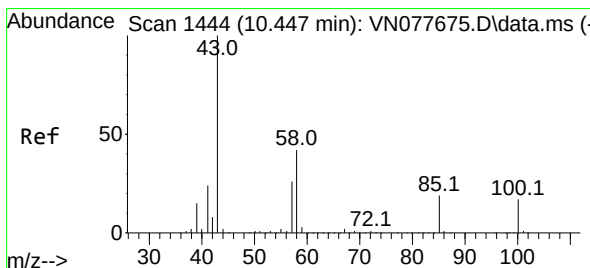
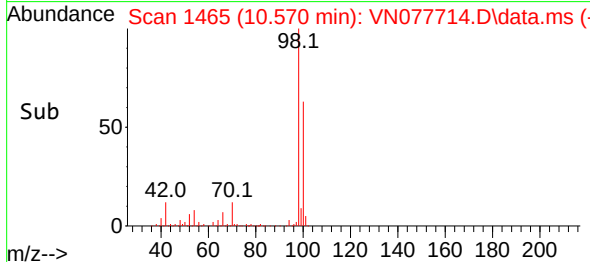
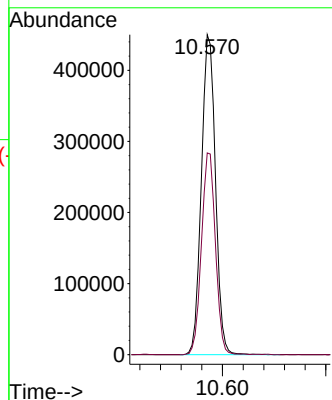
Tgt Ion: 98 Resp: 848640
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0

Manual Integrations
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Reviewed By :John
Carlone

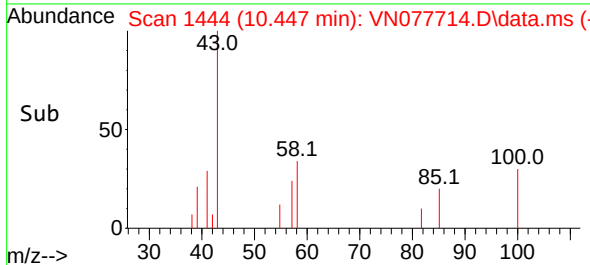
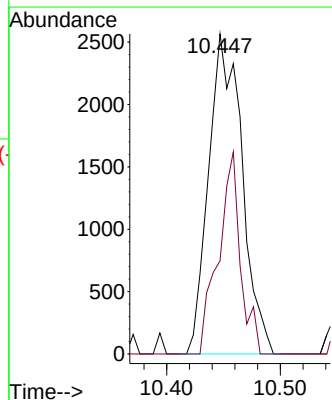
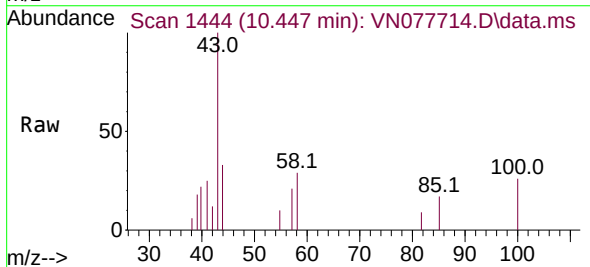
05/18/2023
Supervised By :Mahesh
Dadoda

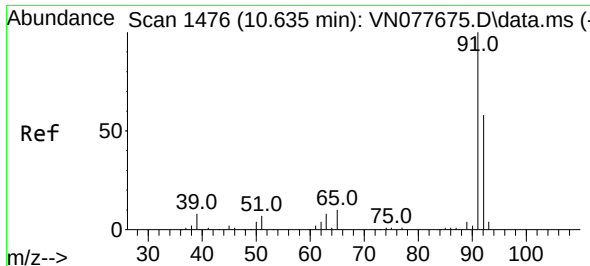
05/18/2023



#51
4-Methyl-2-Pentanone
Concen: 0.964 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Tgt Ion: 43 Resp: 5231
Ion Ratio Lower Upper
43 100
58 41.7 36.6 54.8





#52
Toluene
Concen: 0.222 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

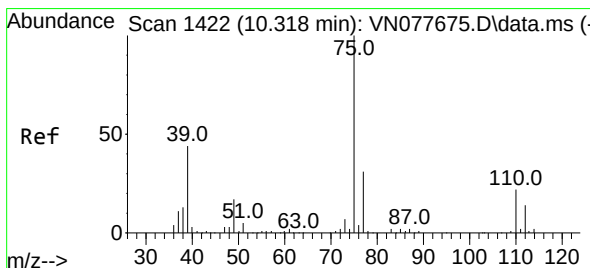
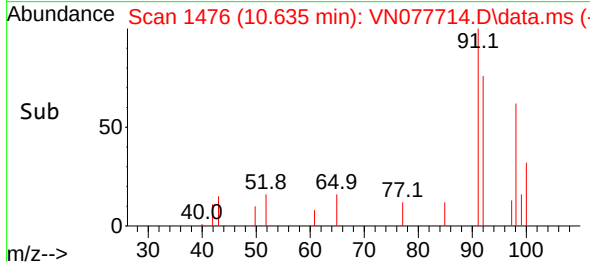
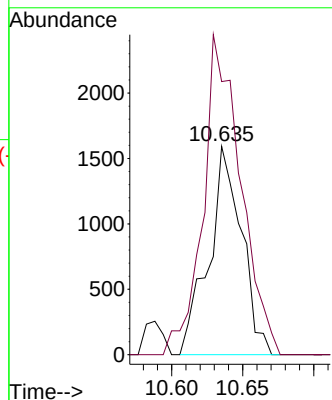
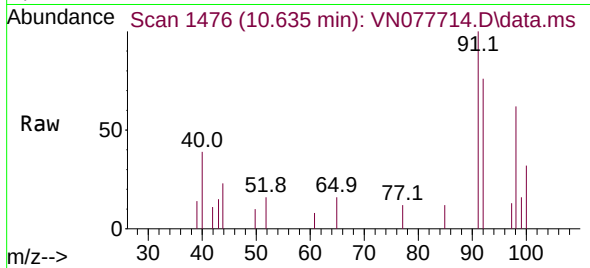
Tgt Ion: 92 Resp: 255
Ion Ratio Lower Upper
92 100
91 176.0 137.4 206.0

Manual Integrations
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Reviewed By :John
Carlone

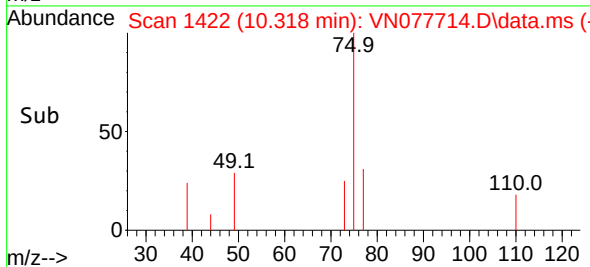
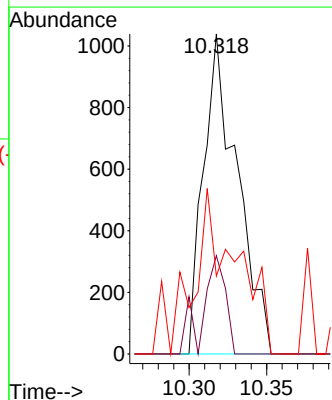
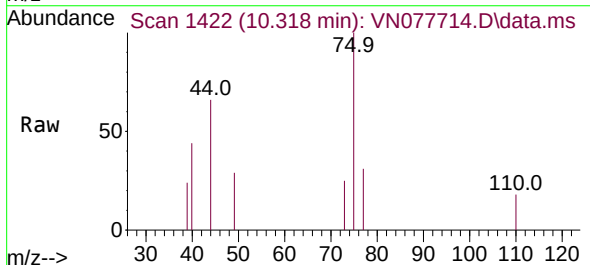
05/18/2023
Supervised By :Mahesh
Dadoda

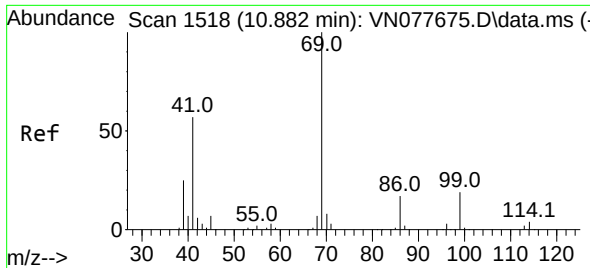
05/18/2023



#54
cis-1,3-Dichloropropene
Concen: 0.209 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

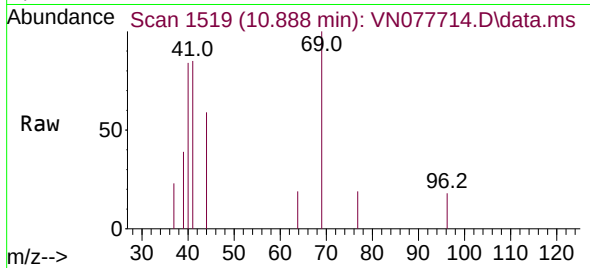
Tgt Ion: 75 Resp: 1574
Ion Ratio Lower Upper
75 100
77 30.7 26.1 39.1
39 24.4 31.6 47.4#





#56
Ethyl methacrylate
Concen: 0.215 ug/l
RT: 10.888 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023



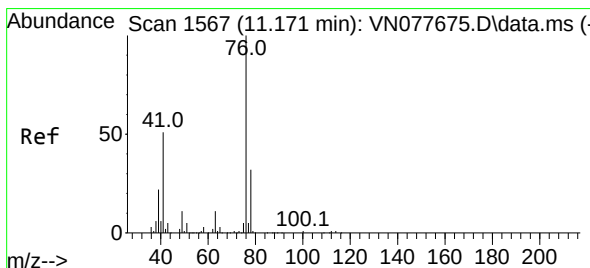
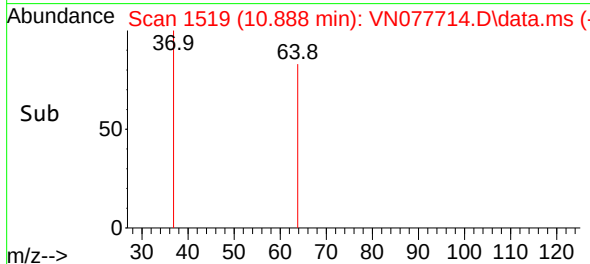
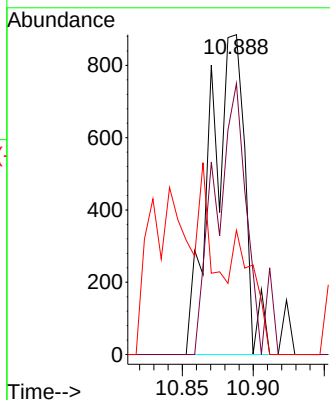
Tgt Ion: 69 Resp: 1489
Ion Ratio Lower Upper
69 100
41 80.5 39.6 59.4
39 23.3 28.6 43.0

Manual Integrations
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Reviewed By :John
Carlone

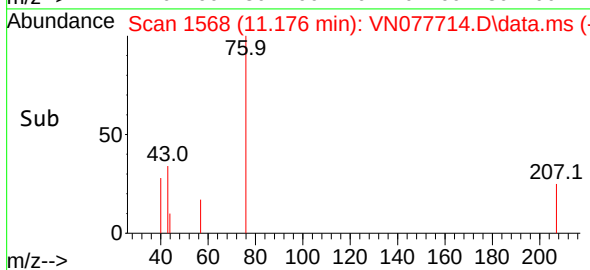
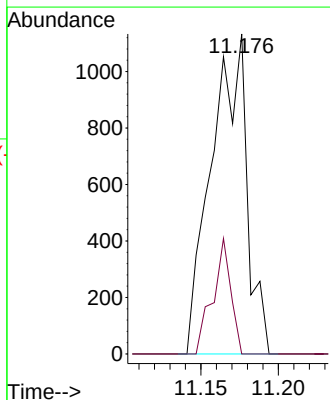
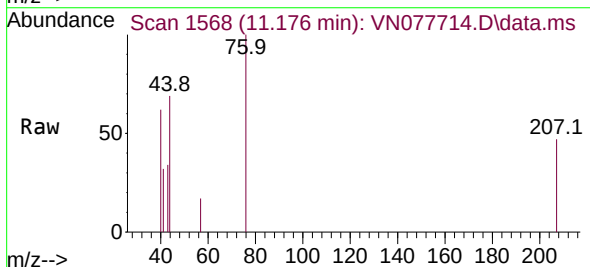
05/18/2023
Supervised By :Mahesh
Dadoda

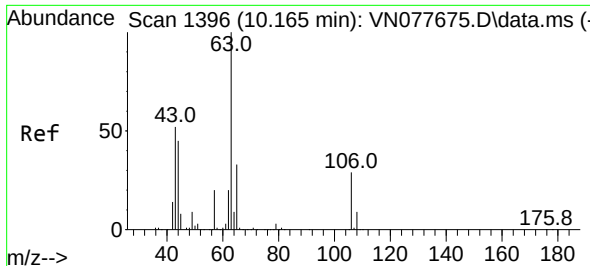
05/18/2023



#57
1,3-Dichloropropane
Concen: 0.229 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.005 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

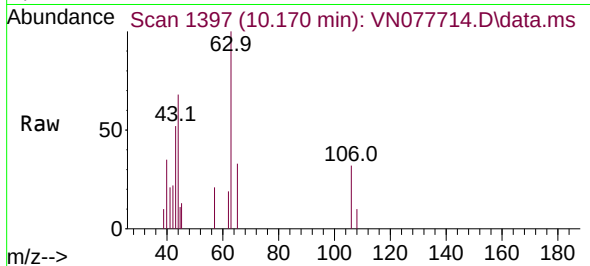
Tgt Ion: 76 Resp: 1797
Ion Ratio Lower Upper
76 100
78 18.5 26.1 39.1





#58
2-Chloroethyl Vinyl ether
Concen: 1.017 ug/l
RT: 10.170 min Scan# 1396
Delta R.T. 0.005 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023



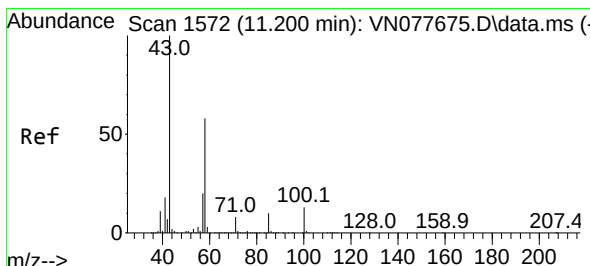
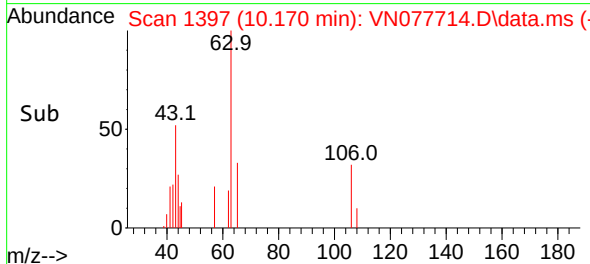
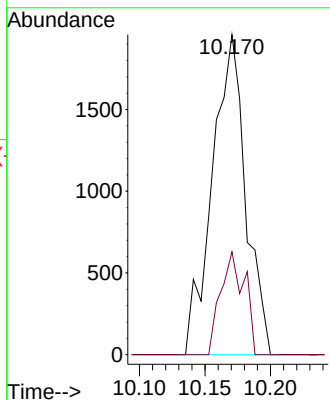
Tgt Ion: 63 Resp: 346
Ion Ratio Lower Upper
63 100
106 23.1 26.2 39.4

Manual Integrations
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Reviewed By :John
Carlone

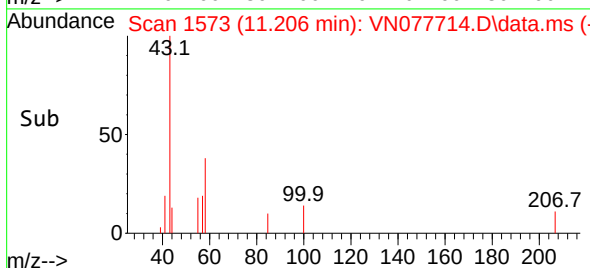
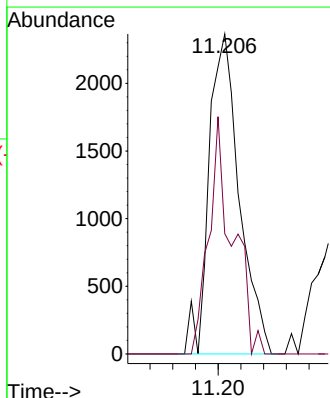
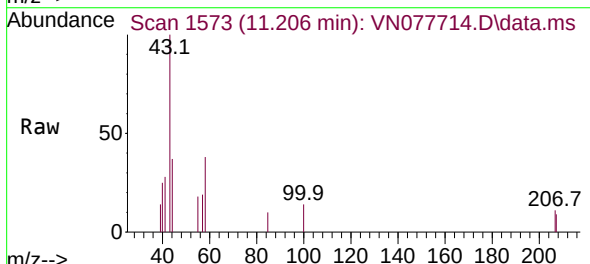
05/18/2023
Supervised By :Mahesh
Dadoda

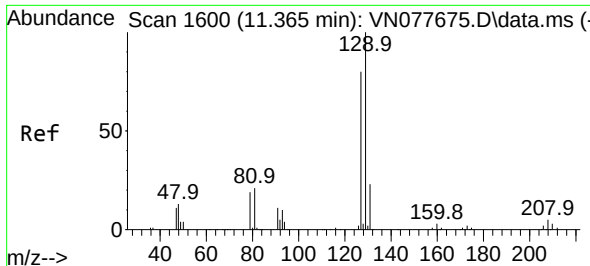
05/18/2023



#59
2-Hexanone
Concen: 1.095 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

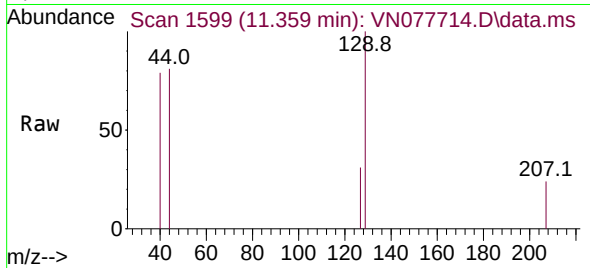
Tgt Ion: 43 Resp: 4396
Ion Ratio Lower Upper
43 100
58 57.8 31.7 95.1





#60
Dibromochloromethane
Concen: 0.212 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023



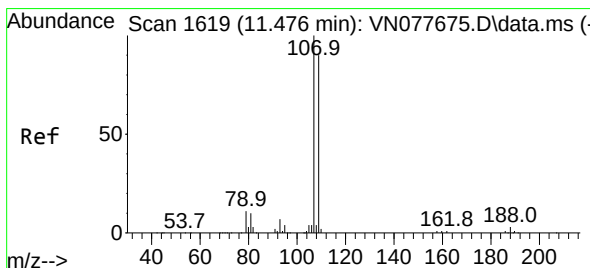
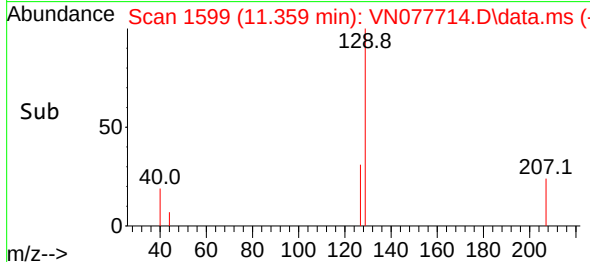
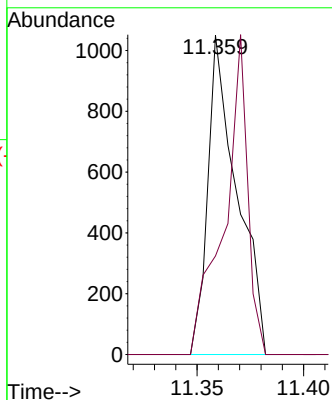
Tgt Ion:129 Resp: 999
Ion Ratio Lower Upper
129 100
127 80.1 38.6 116.0

Manual Integrations
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Reviewed By :John
Carlone

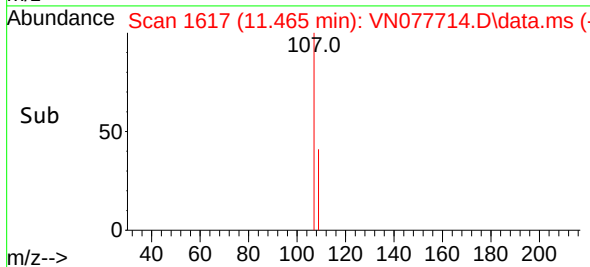
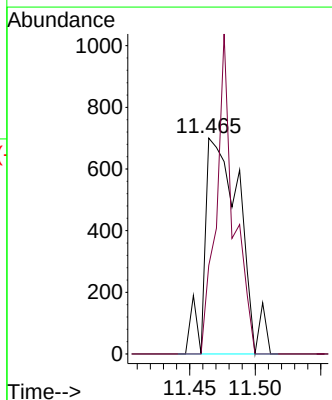
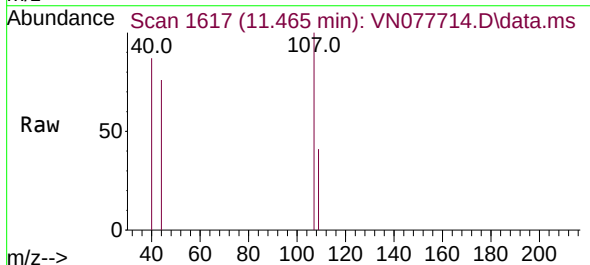
05/18/2023
Supervised By :Mahesh
Dadoda

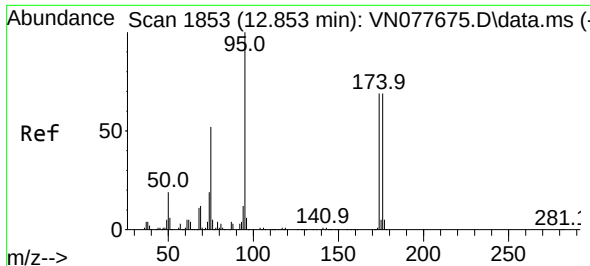
05/18/2023



#61
1,2-Dibromoethane
Concen: 0.286 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.011 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

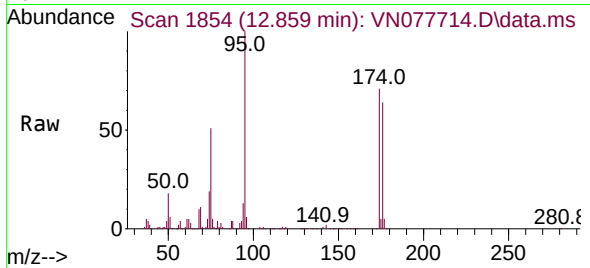
Tgt Ion:107 Resp: 1303
Ion Ratio Lower Upper
107 100
109 73.6 76.6 114.8#





#62
4-Bromofluorobenzene
Concen: 45.933 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2023



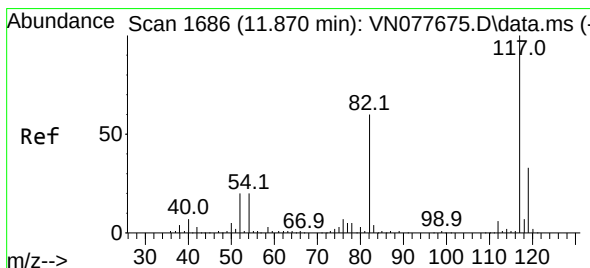
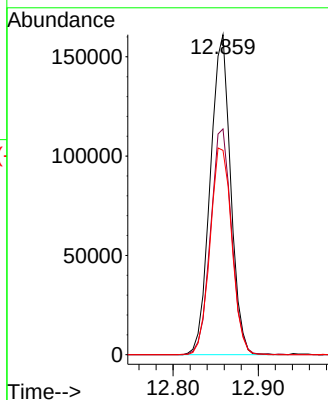
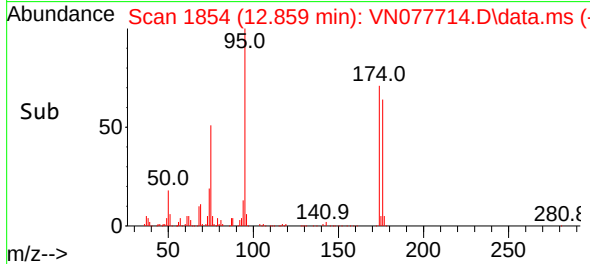
Tgt Ion: 95 Resp: 267668
Ion Ratio Lower Upper
95 100
174 72.8 0.0 143.8
176 68.7 0.0 135.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

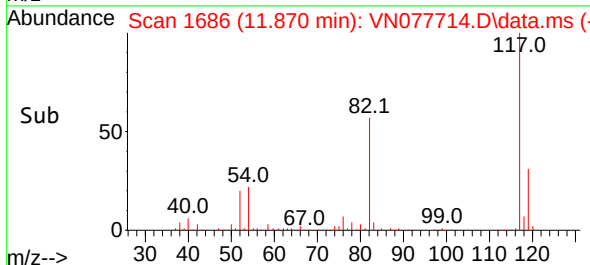
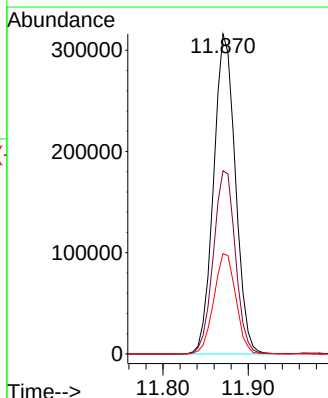
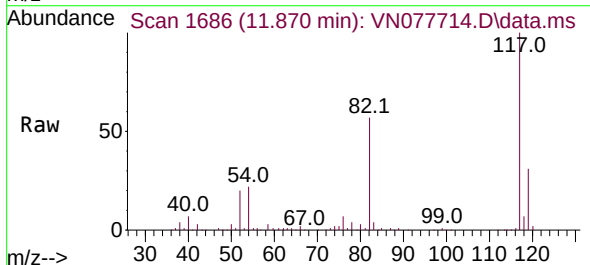
05/18/2023
Supervised By :Mahesh
Dadoda

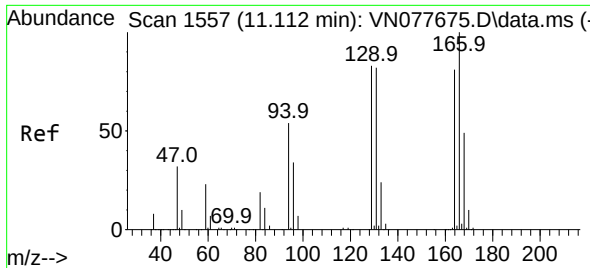
05/18/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

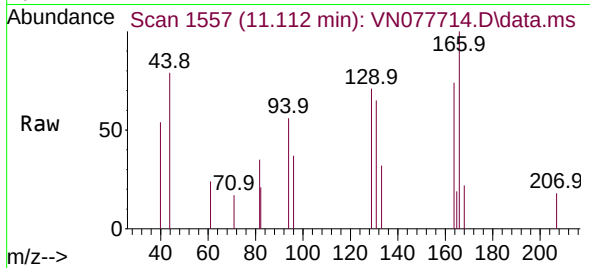
Tgt Ion:117 Resp: 563085
Ion Ratio Lower Upper
117 100
82 57.2 44.0 66.0
119 31.3 25.6 38.4





#64
Tetrachloroethene
Concen: 0.328 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2023



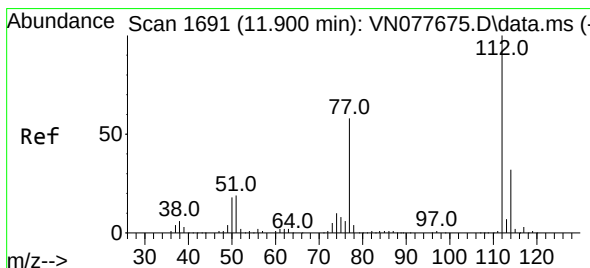
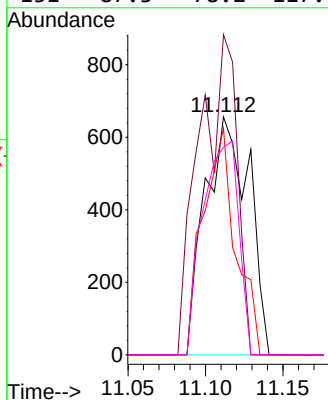
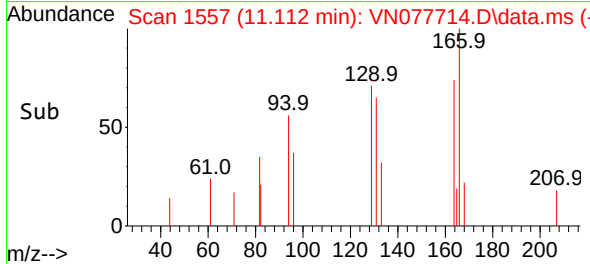
Tgt Ion:164 Resp: 129
Ion Ratio Lower Upper
164 100
166 134.6 101.4 152.0
129 95.3 82.4 123.6
131 87.3 78.2 117.4

Manual Integrations
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Reviewed By :John
Carlone

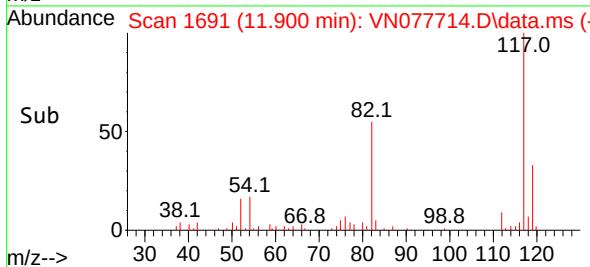
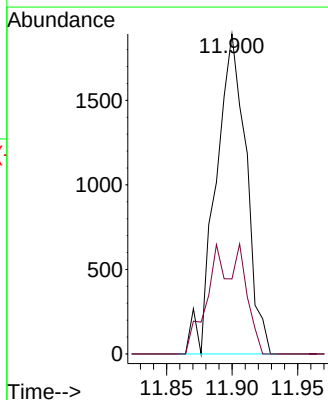
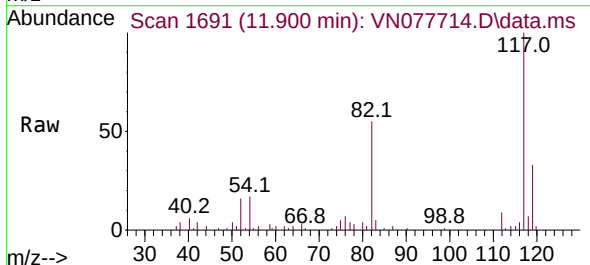
05/18/2023
Supervised By :Mahesh
Dadoda

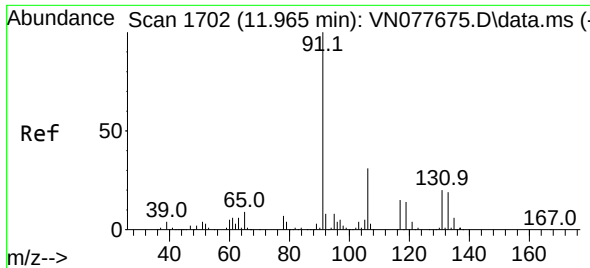
05/18/2023



#65
Chlorobenzene
Concen: 0.249 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

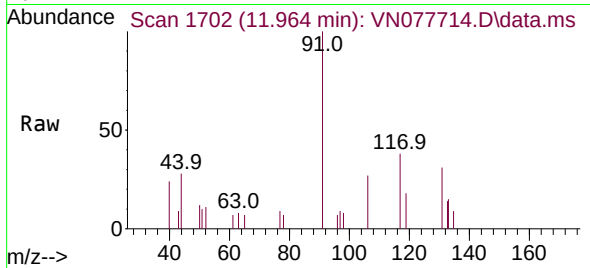
Tgt Ion:112 Resp: 3041
Ion Ratio Lower Upper
112 100
114 23.5 25.0 37.4#





#66
1,1,1,2-Tetrachloroethane
Concen: 0.230 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.001 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2023



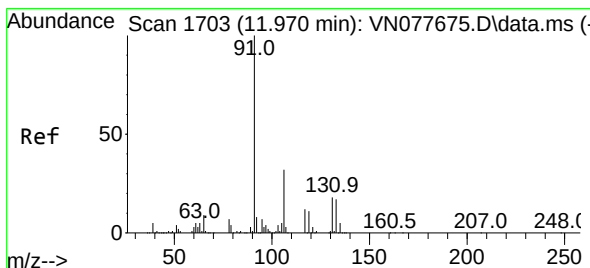
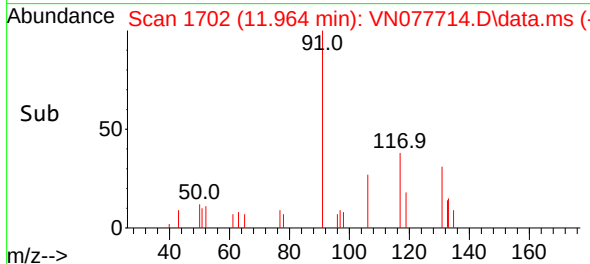
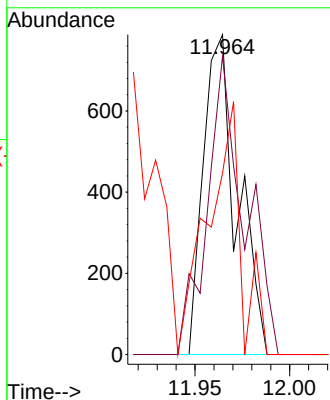
Tgt Ion:131 Resp: 970
Ion Ratio Lower Upper
131 100
133 103.7 46.4 139.1
119 0.0 34.1 102.2

Manual Integrations
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Reviewed By :John
Carlone

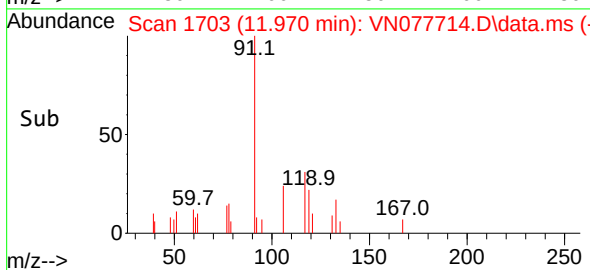
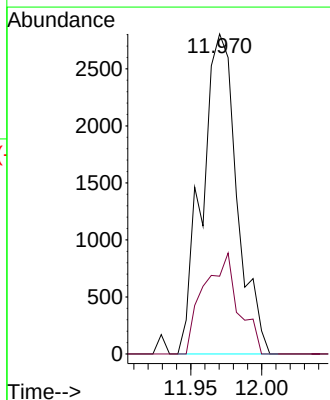
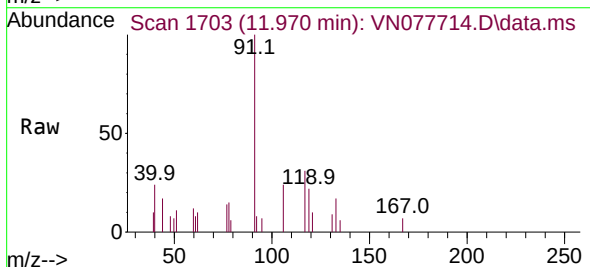
05/18/2023
Supervised By :Mahesh
Dadoda

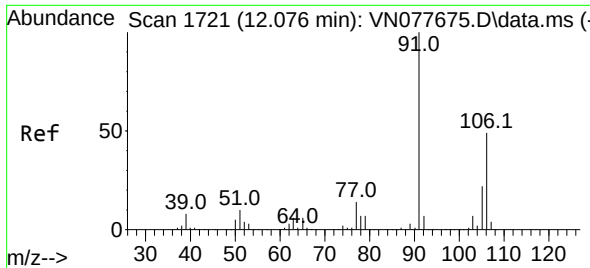
05/18/2023



#67
Ethyl Benzene
Concen: 0.220 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Tgt Ion: 91 Resp: 4818
Ion Ratio Lower Upper
91 100
106 24.3 25.6 38.4





#68
m/p-Xylenes
Concen: 0.457 ug/l
RT: 12.082 min Scan# 1722
Delta R.T. 0.006 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

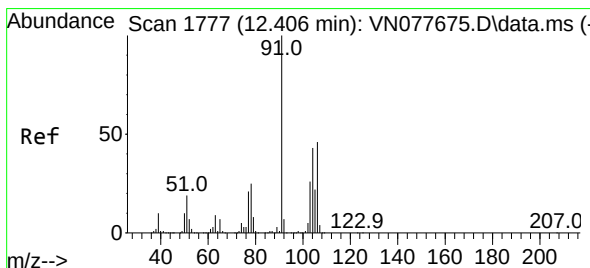
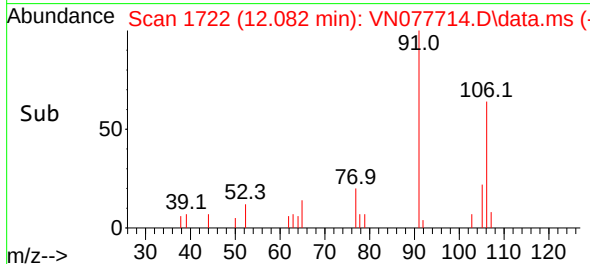
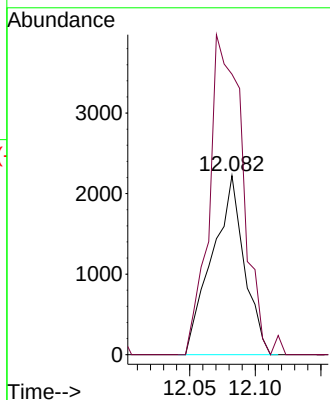
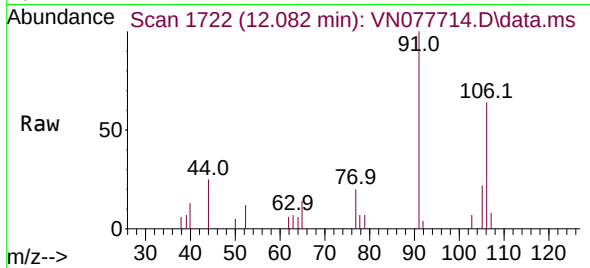
Tgt Ion:106 Resp: 379
Ion Ratio Lower Upper
106 100
91 184.2 159.6 239.4

Manual Integrations
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Reviewed By :John
Carlone

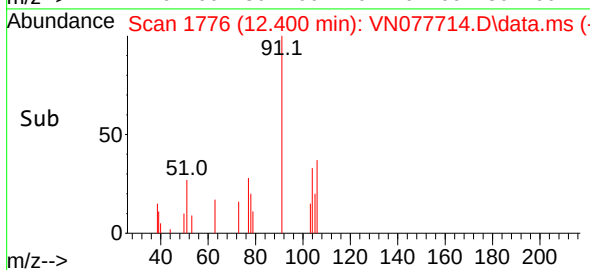
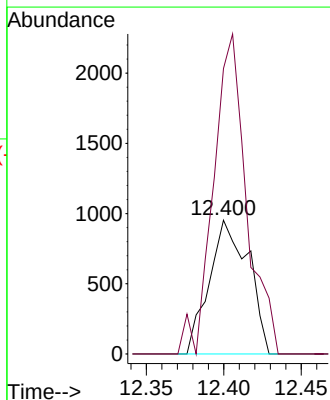
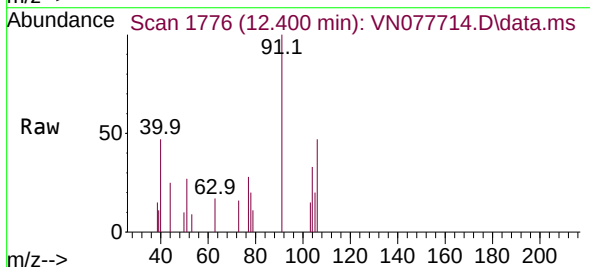
05/18/2023
Supervised By :Mahesh
Dadoda

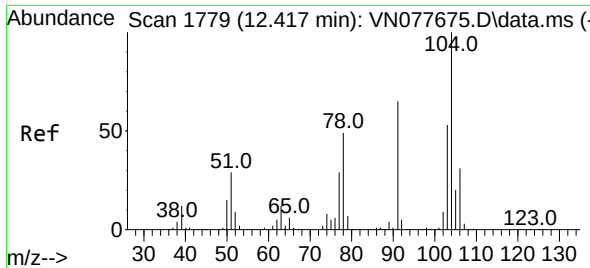
05/18/2023



#69
o-Xylene
Concen: 0.206 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Tgt Ion:106 Resp: 1682
Ion Ratio Lower Upper
106 100
91 201.7 105.2 315.5





#70
Styrene
Concen: 0.239 ug/l
RT: 12.423 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

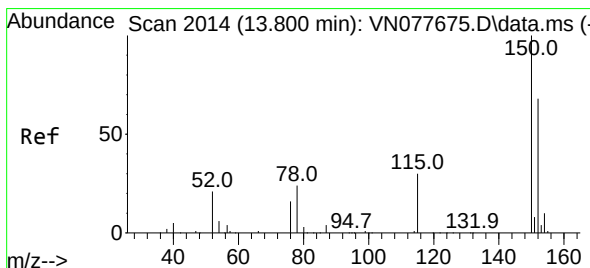
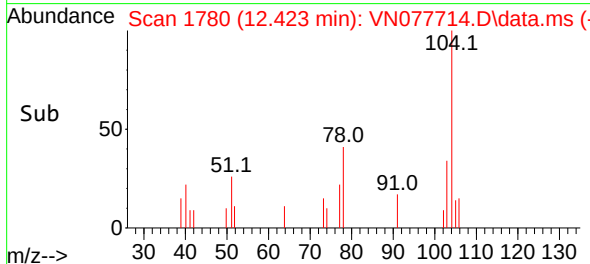
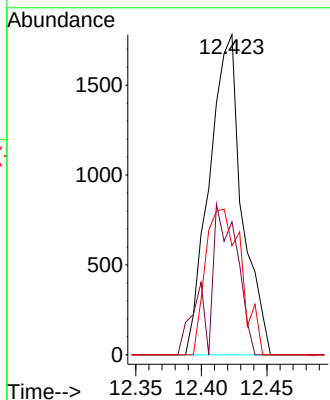
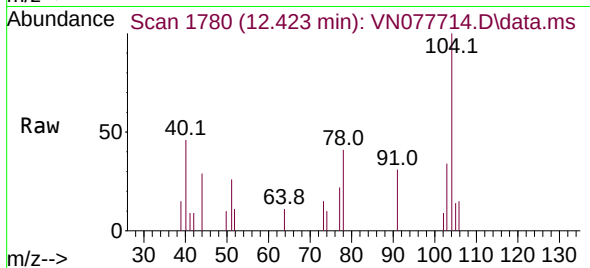
Tgt Ion:104 Resp: 3099
Ion Ratio Lower Upper
104 100
78 42.1 39.5 59.3
103 49.5 43.2 64.8

Manual Integrations
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Reviewed By :John
Carlone

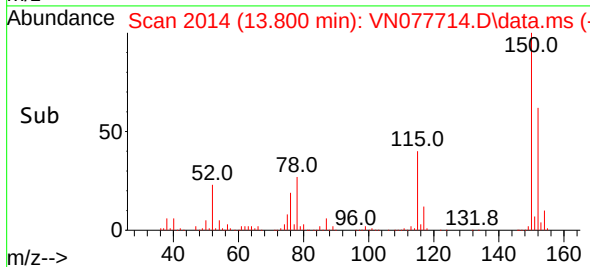
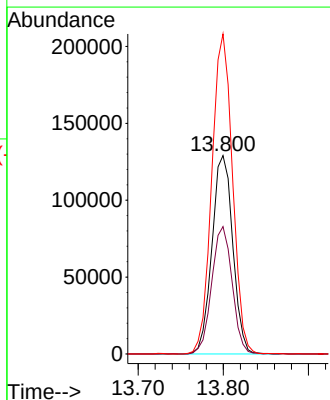
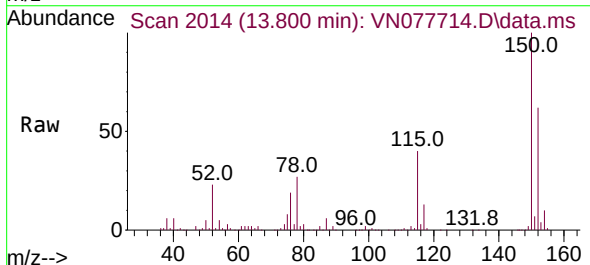
05/18/2023
Supervised By :Mahesh
Dadoda

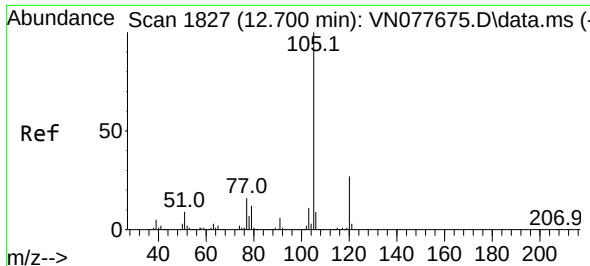
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Tgt Ion:152 Resp: 219028
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 160.4 0.0 355.8





#73
Isopropylbenzene
Concen: 0.215 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2023

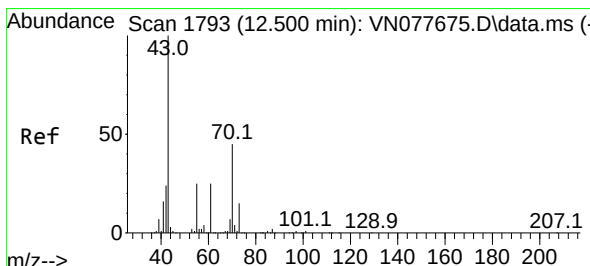
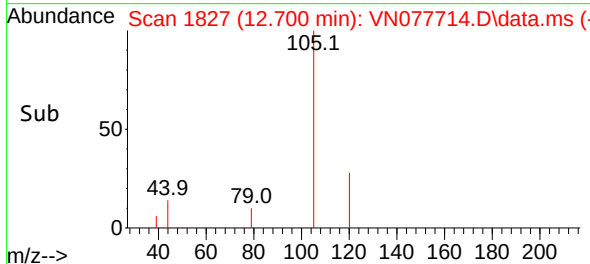
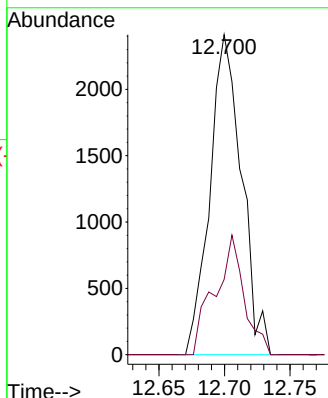
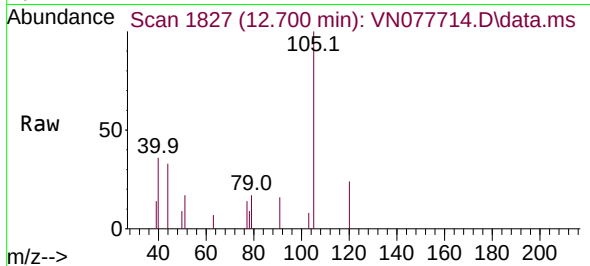
Tgt Ion:105 Resp: 4056
Ion Ratio Lower Upper
105 100
120 34.7 13.1 39.1

Manual Integrations
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Reviewed By :John
Carlone

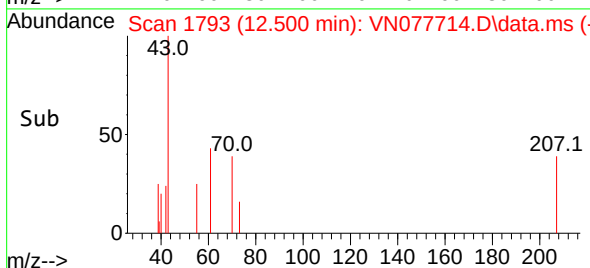
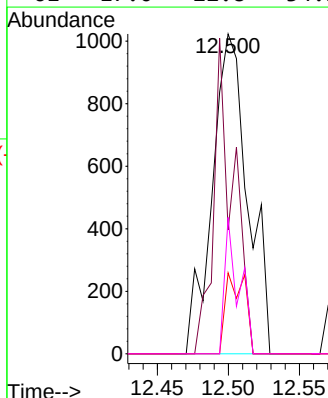
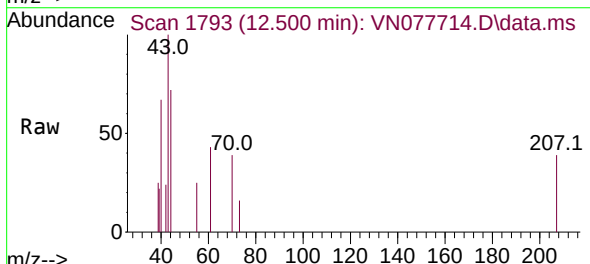
05/18/2023
Supervised By :Mahesh
Dadoda

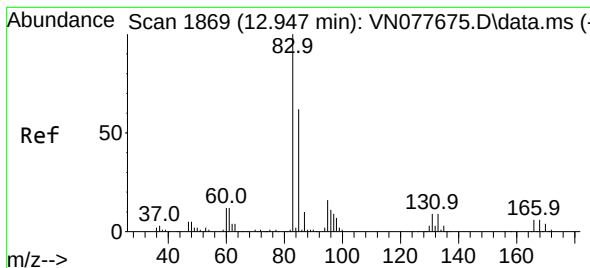
05/18/2023



#74
N-ethyl acetate
Concen: 0.256 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Tgt Ion: 43 Resp: 1789
Ion Ratio Lower Upper
43 100
70 54.4 43.4 65.2
55 13.6 21.4 32.0#
61 17.0 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.250 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.006 min

Lab File: VN077714.D

Acq: 17 May 2023 15:20

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	15.0
85	67.7	31.9	95.7

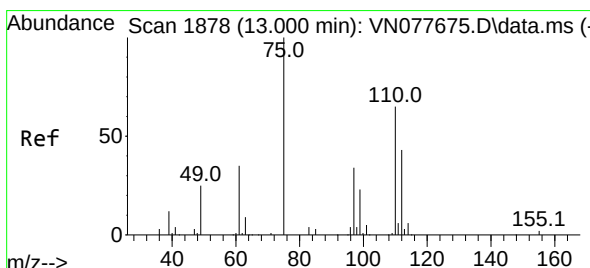
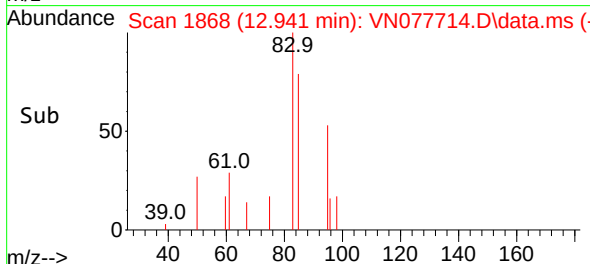
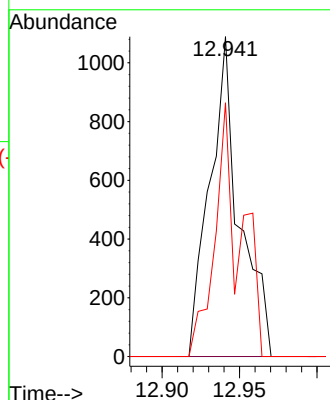
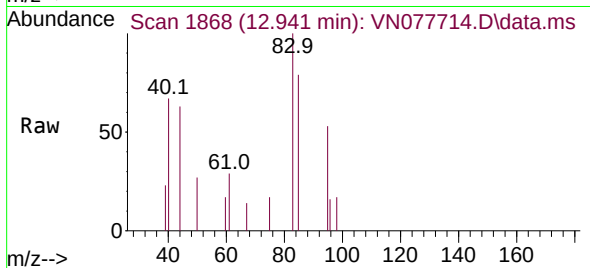
Manual Integrations
APPROVED

Reviewed By :John
Carlone

05/18/2023

Supervised By :Mahesh
Dadoda

05/18/2023



#76

1,2,3-Trichloropropane

Concen: 0.280 ug/l m

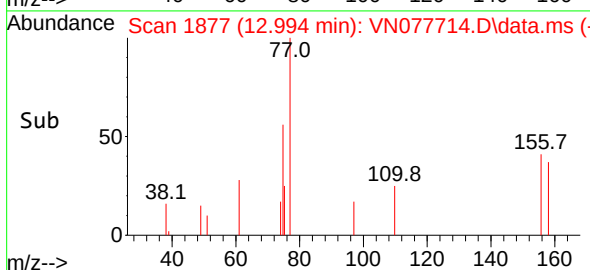
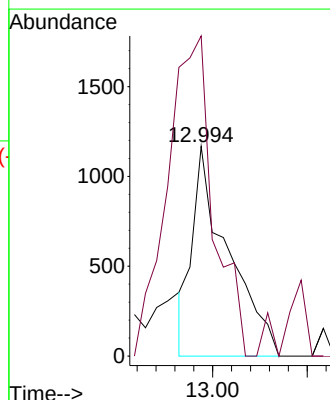
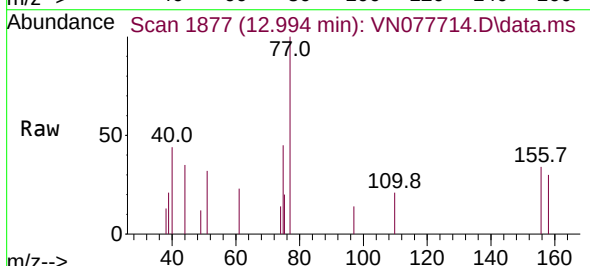
RT: 12.994 min Scan# 1877

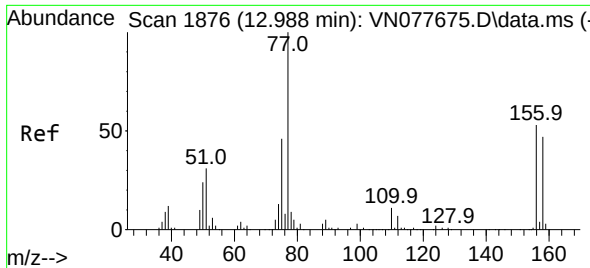
Delta R.T. -0.006 min

Lab File: VN077714.D

Acq: 17 May 2023 15:20

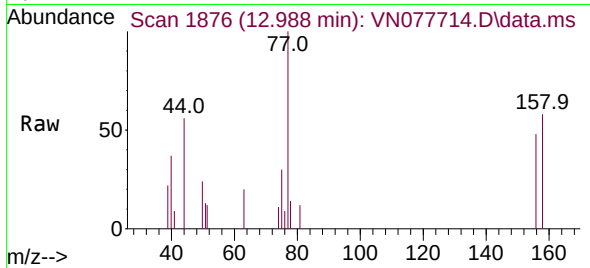
Tgt Ion	Ratio	Lower	Upper
75	100		
77	124.3	84.5	253.5





#77
Bromobenzene
Concen: 0.279 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023



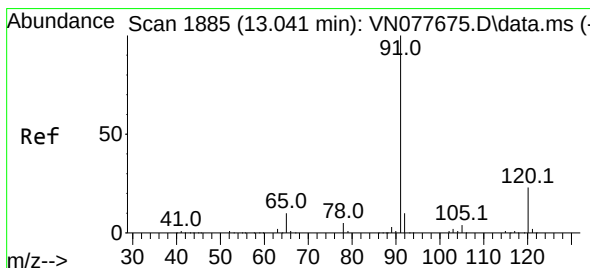
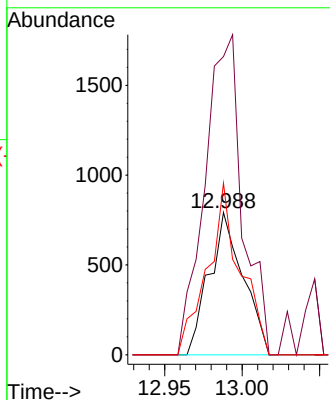
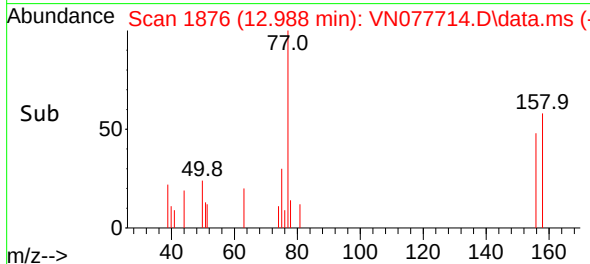
Tgt Ion:156 Resp: 1204
Ion Ratio Lower Upper
156 100
77 250.2 107.7 323.3
158 116.4 48.4 145.3

Manual Integrations
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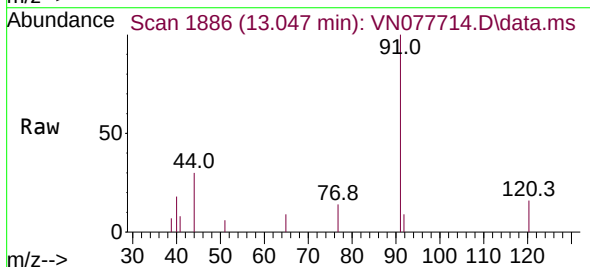
Reviewed By :John
Carlone

05/18/2023
Supervised By :Mahesh
Dadoda

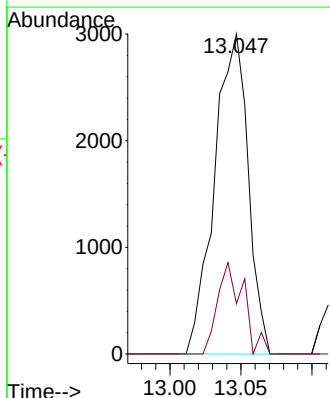
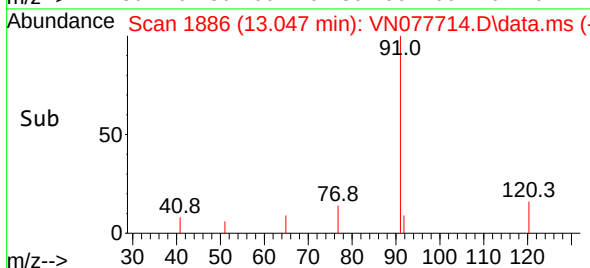
05/18/2023

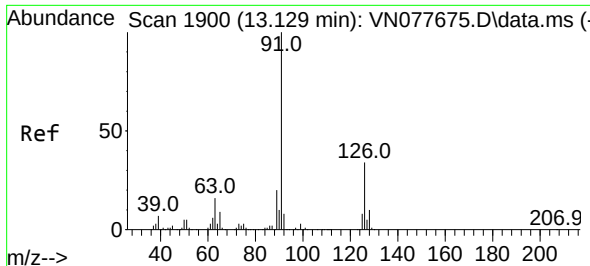


#78
n-propylbenzene
Concen: 0.222 ug/l
RT: 13.047 min Scan# 1886
Delta R.T. 0.006 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20



Tgt Ion: 91 Resp: 4948
Ion Ratio Lower Upper
91 100
120 21.8 11.5 34.4





#79
2-Chlorotoluene
Concen: 0.247 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

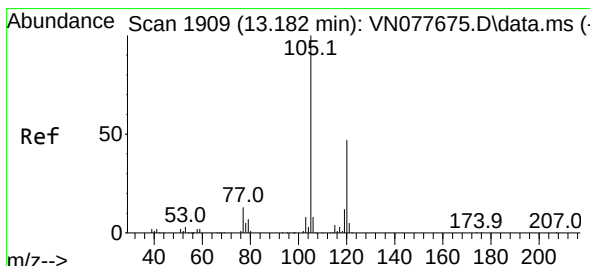
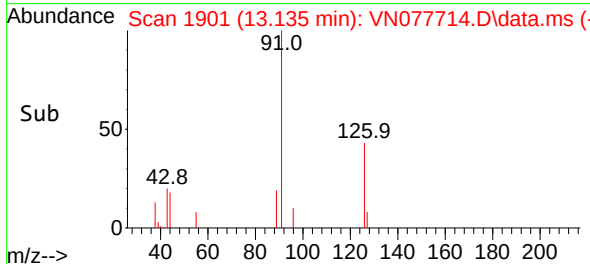
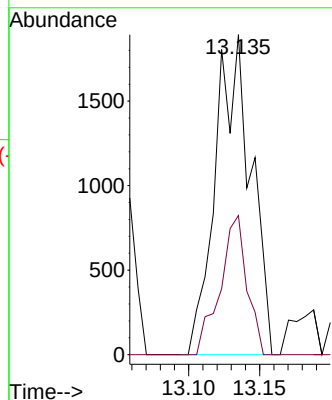
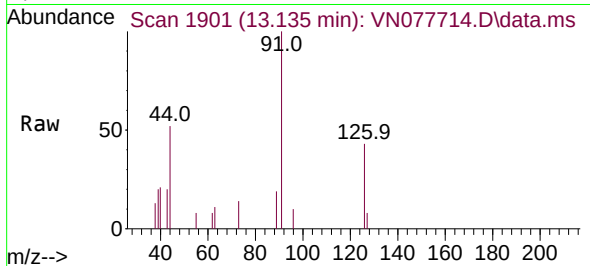
Tgt Ion: 91 Resp: 328
Ion Ratio Lower Upper
91 100
126 32.8 16.3 48.8

Manual Integrations
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Reviewed By :John
Carlone

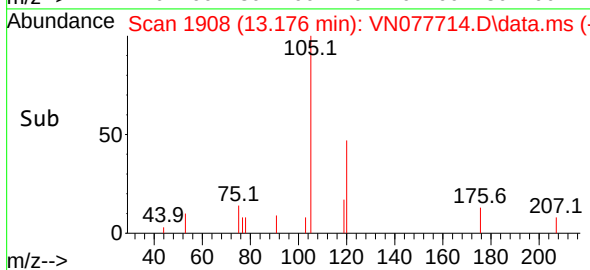
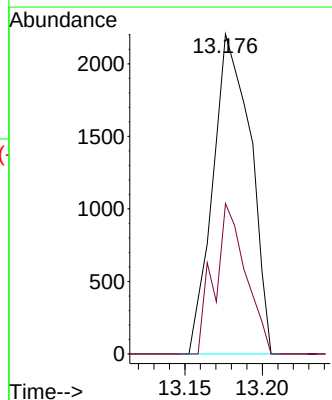
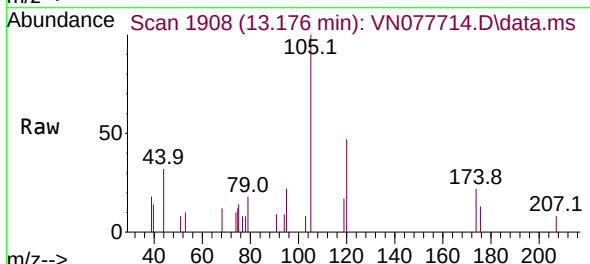
05/18/2023
Supervised By :Mahesh
Dadoda

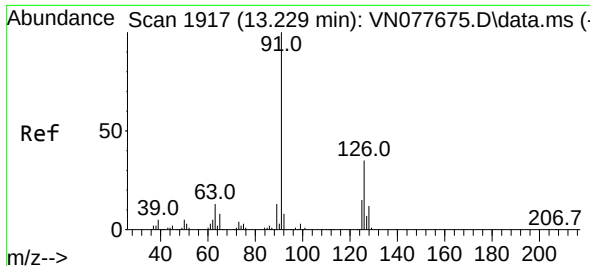
05/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 0.234 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.006 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Tgt Ion:105 Resp: 3719
Ion Ratio Lower Upper
105 100
120 39.2 24.1 72.3





#82
4-Chlorotoluene
Concen: 0.295 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

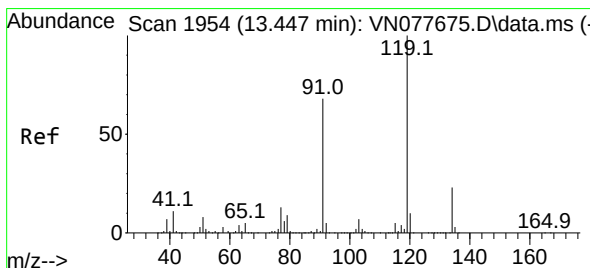
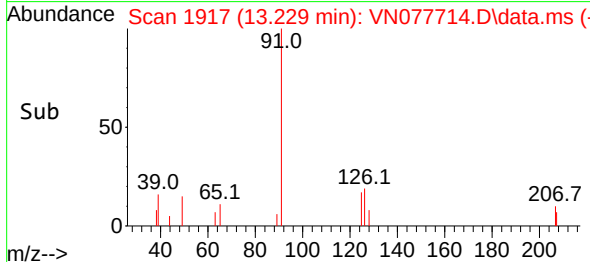
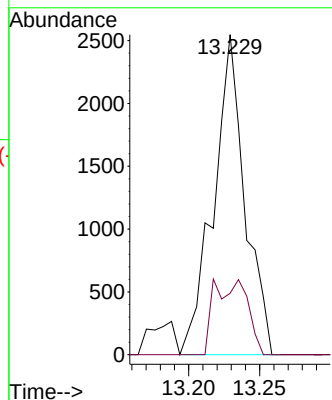
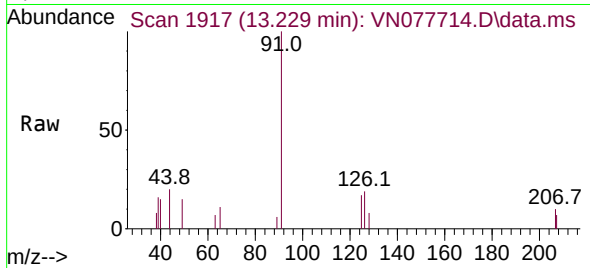
Tgt Ion: 91 Resp: 3904
Ion Ratio Lower Upper
91 100
126 25.0 16.7 50.0

Manual Integrations
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Reviewed By :John
Carlone

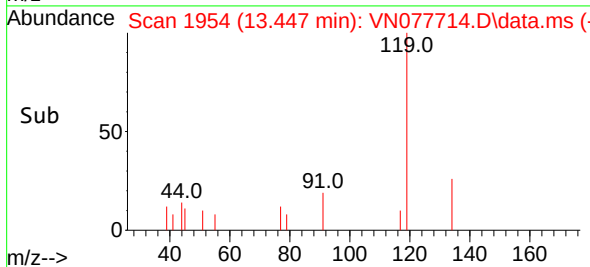
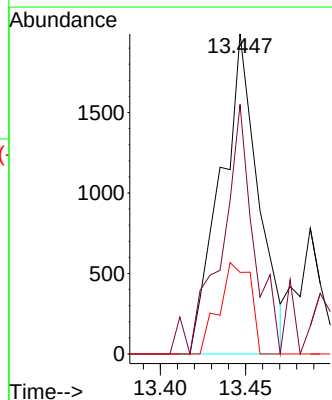
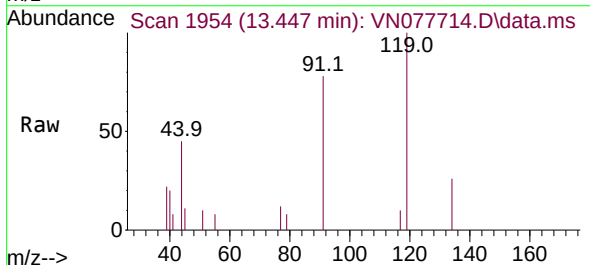
05/18/2023
Supervised By :Mahesh
Dadoda

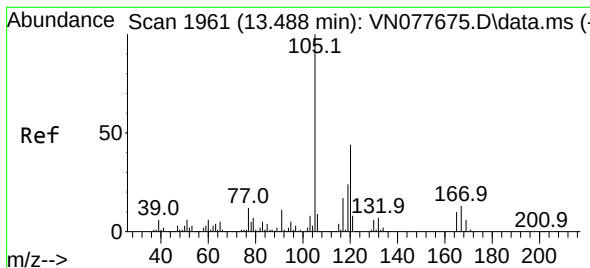
05/18/2023



#83
tert-Butylbenzene
Concen: 0.219 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Tgt Ion:119 Resp: 3040
Ion Ratio Lower Upper
119 100
91 67.6 33.9 101.7
134 24.1 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 0.231 ug/l

RT: 13.494 min Scan# 1961

Delta R.T. 0.006 min

Lab File: VN077714.D

Acq: 17 May 2023 15:20

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion:105 Resp: 361

Ion Ratio Lower Upper

105 100

120 51.4 22.0 66.0

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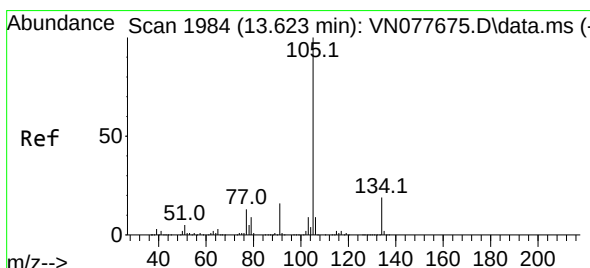
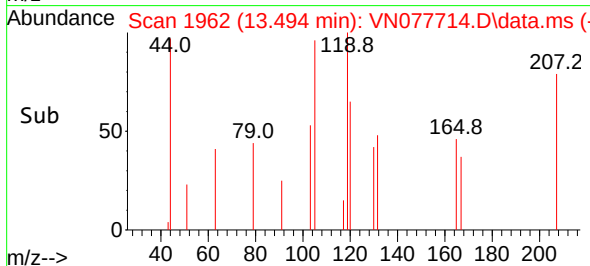
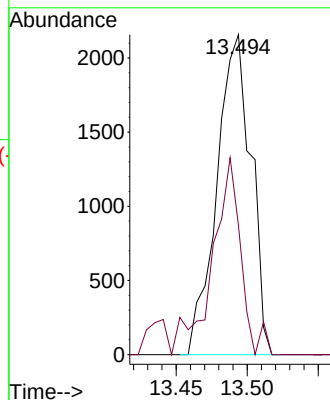
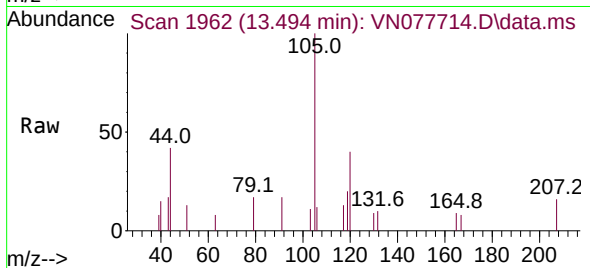
APPROVED

Reviewed By :John
Carlone

05/18/2023

Supervised By :Mahesh
Dadoda

05/18/2023



#85

sec-Butylbenzene

Concen: 0.208 ug/l

RT: 13.629 min Scan# 1985

Delta R.T. 0.006 min

Lab File: VN077714.D

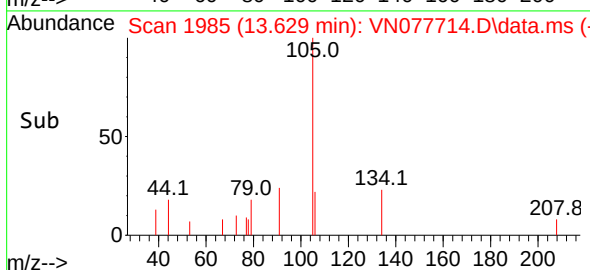
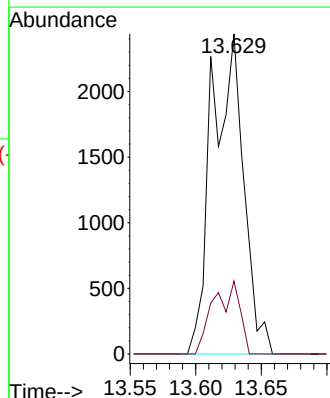
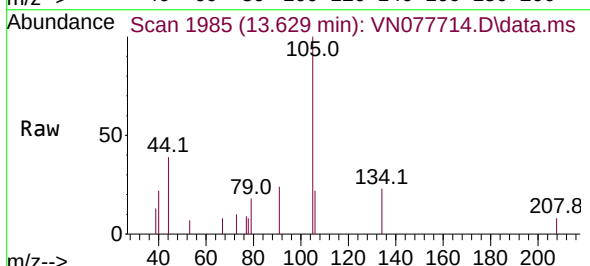
Acq: 17 May 2023 15:20

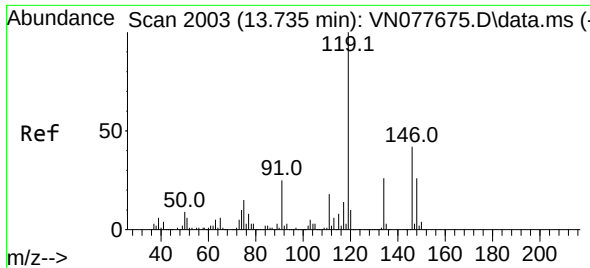
Tgt Ion:105 Resp: 4097

Ion Ratio Lower Upper

105 100

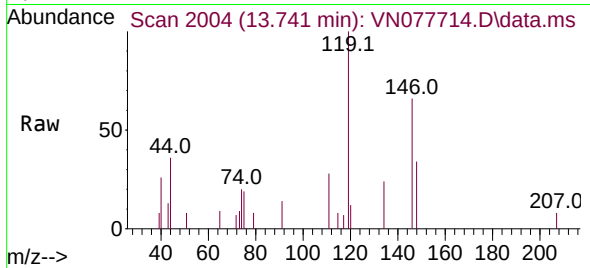
134 18.8 9.8 29.3





#86
p-Isopropyltoluene
Concen: 0.228 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023



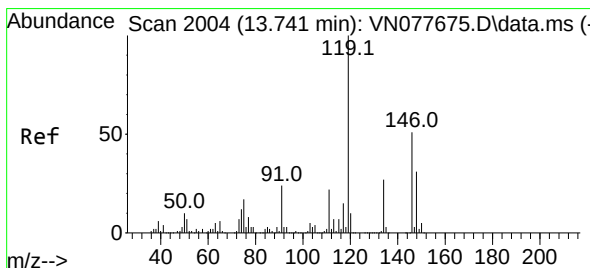
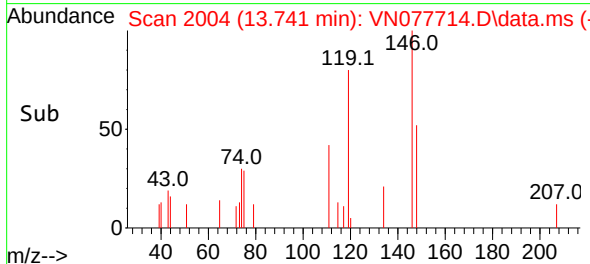
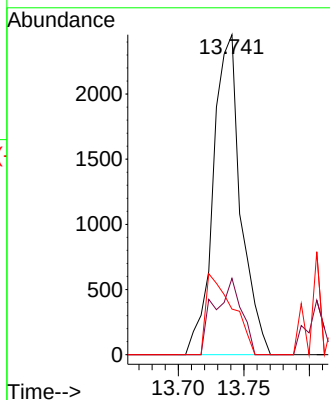
Tgt Ion:119 Resp: 358
Ion Ratio Lower Upper
119 100
134 23.3 12.6 37.8
91 24.4 12.4 37.2

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Reviewed By :John
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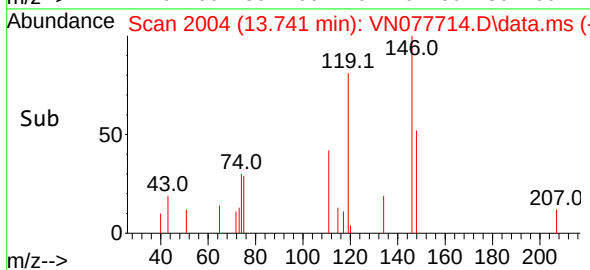
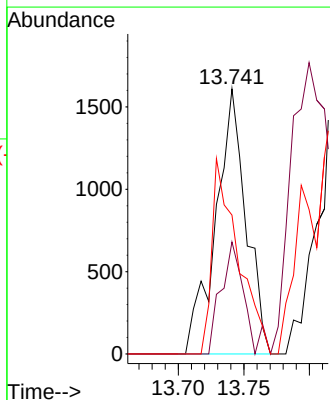
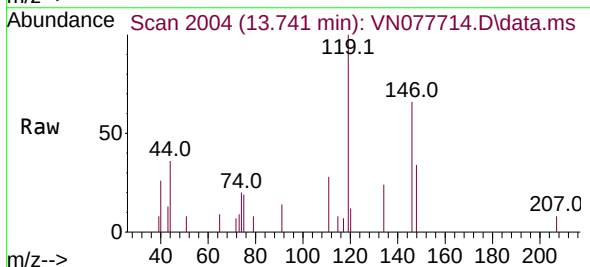
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Supervised By :Mahesh
Dadoda

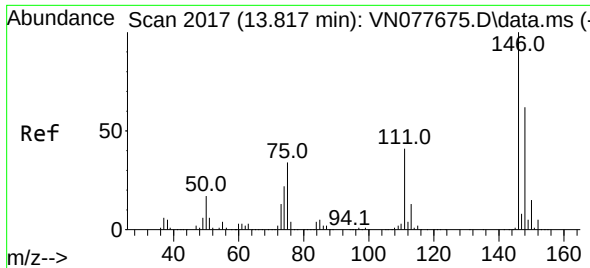
05/18/2023



#87
1,3-Dichlorobenzene
Concen: 0.325 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

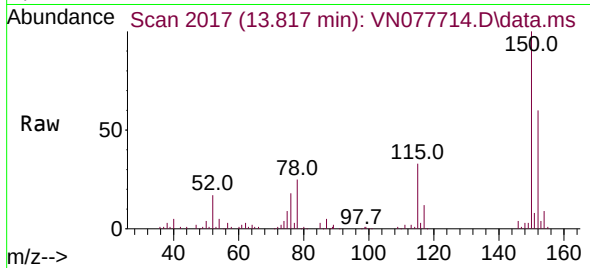
Tgt Ion:146 Resp: 2591
Ion Ratio Lower Upper
146 100
111 32.5 22.1 66.3
148 63.2 32.0 96.0





#88
1,4-Dichlorobenzene
Concen: 0.336 ug/l m
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2023



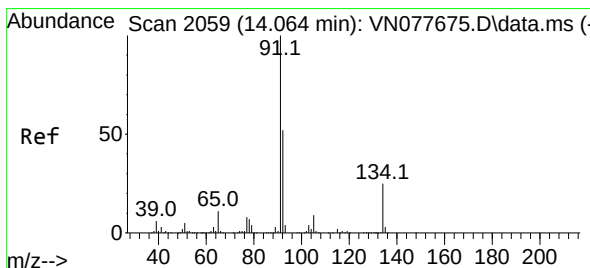
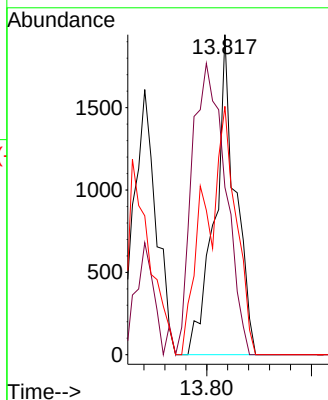
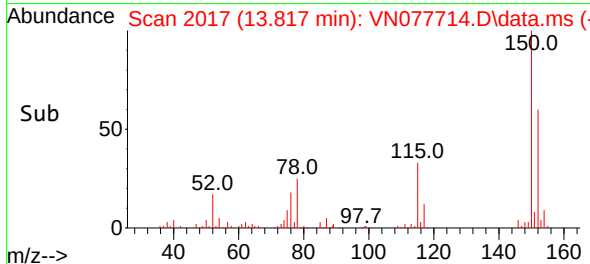
Tgt Ion:146 Resp: 265
Ion Ratio Lower Upper
146 100
111 31.7 20.6 61.8
148 61.7 31.6 94.8

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Reviewed By :John
Carlone

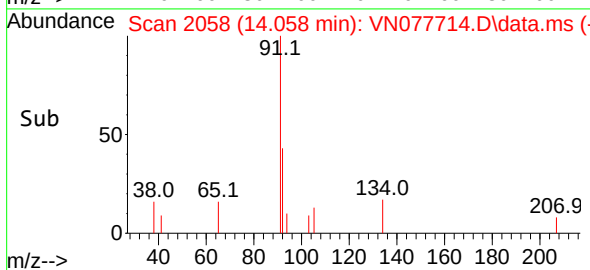
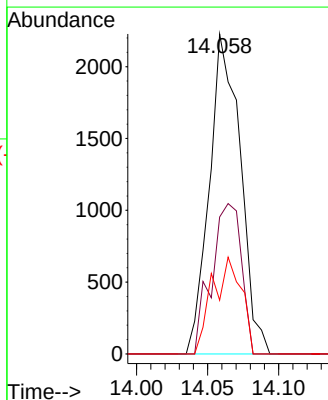
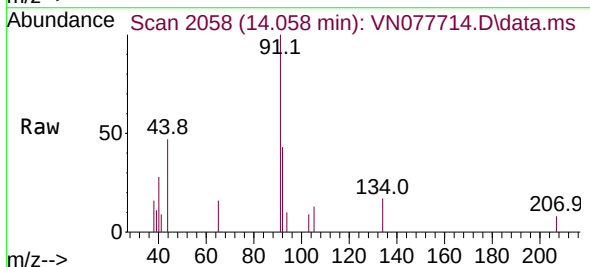
05/18/2023
Supervised By :Mahesh
Dadoda

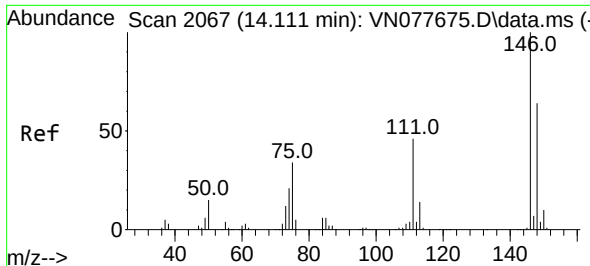
05/18/2023



#89
n-Butylbenzene
Concen: 0.234 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Tgt Ion: 91 Resp: 3374
Ion Ratio Lower Upper
91 100
92 45.3 26.4 79.0
134 28.5 12.6 37.6





#91

1,2-Dichlorobenzene

Concen: 0.247 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN077714.D

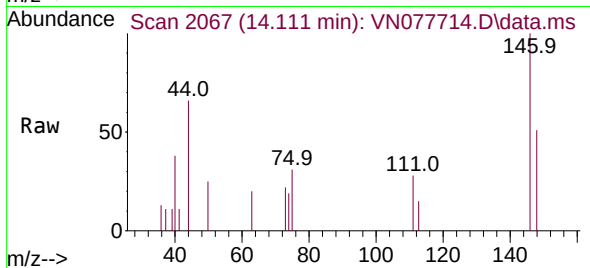
Acq: 17 May 2023 15:20

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2023



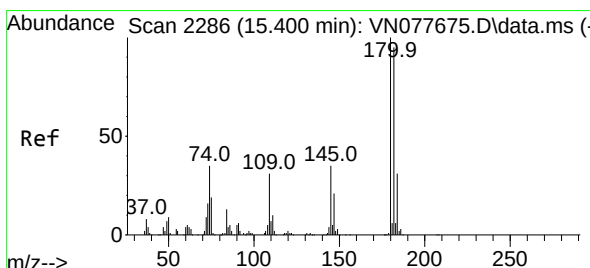
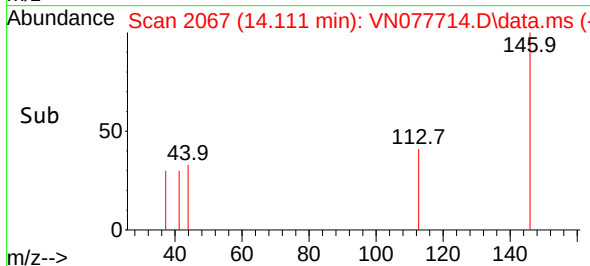
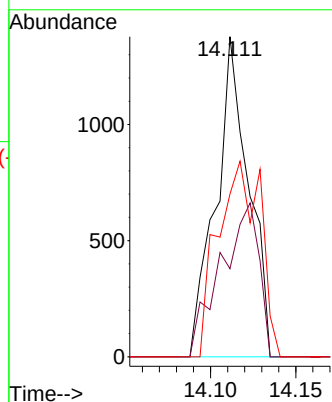
Tgt Ion:146	Resp:	1839
Ion Ratio	Lower	Upper
146	100	
111	55.9	22.0 66.0
148	79.5	31.8 95.3

Manual Integrations
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Reviewed By :John
Carlone

05/18/2023
Supervised By :Mahesh
Dadoda

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#93

1,2,4-Trichlorobenzene

Concen: 0.486 ug/l

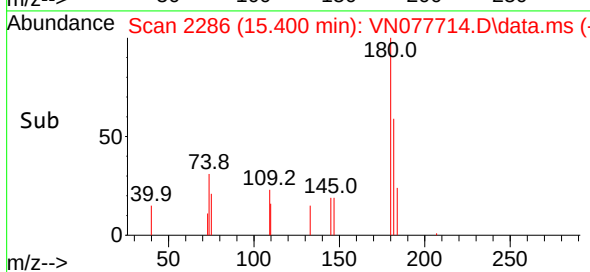
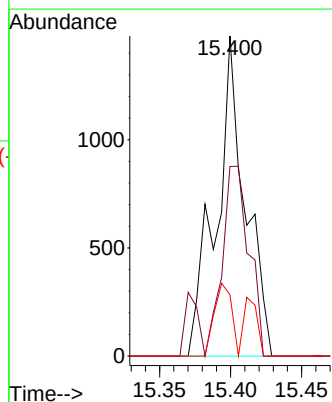
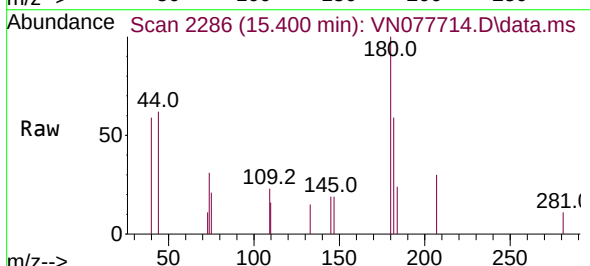
RT: 15.400 min Scan# 2286

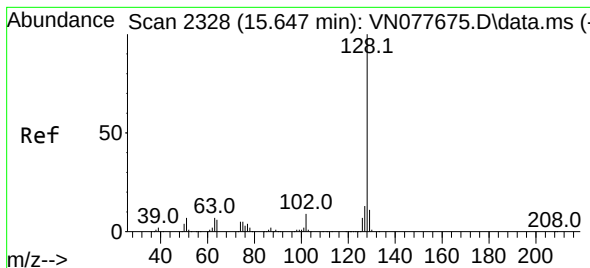
Delta R.T. -0.000 min

Lab File: VN077714.D

Acq: 17 May 2023 15:20

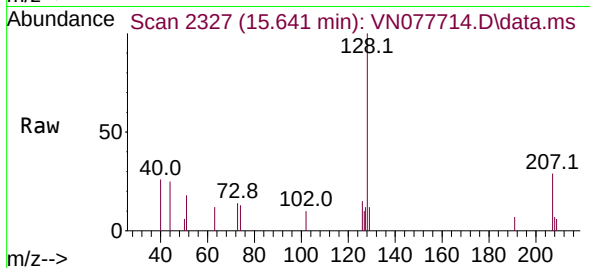
Tgt Ion:180	Resp:	2114
Ion Ratio	Lower	Upper
180	100	
182	54.1	46.1 138.2
145	8.5	16.6 49.8





#95
Naphthalene
Concen: 0.387 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2023



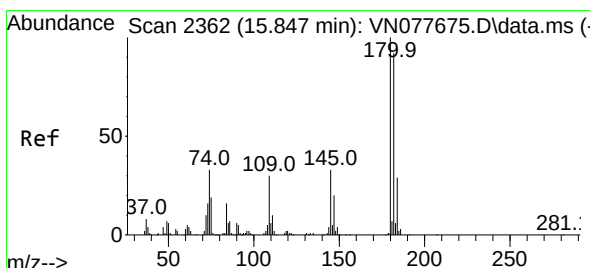
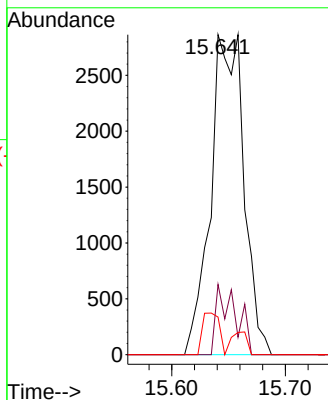
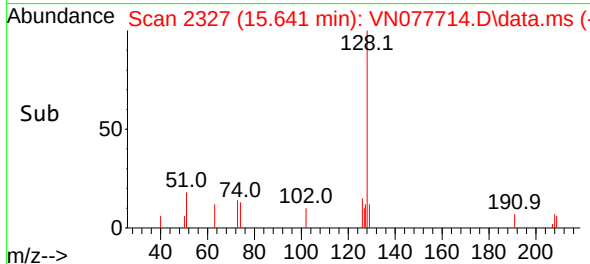
Tgt Ion:128 Resp: 578
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 6.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

05/18/2023
Supervised By :Mahesh
Dadoda

05/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 0.425 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077714.D
Acq: 17 May 2023 15:20

Tgt Ion:180 Resp: 1812
Ion Ratio Lower Upper
180 100
182 92.7 46.2 138.6
145 23.3 17.5 52.6

