

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022223\
 Data File : VN076776.D
 Acq On : 22 Feb 2023 17:16
 Operator : JC\MD
 Sample : 01627-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Feb 23 00:47:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 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	8.231	168	222328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	411363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	361198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	146369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	187193	60.975	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 121.940%			
35) Dibromofluoromethane	8.178	113	141005	52.341	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.680%			
50) Toluene-d8	10.566	98	540342	53.708	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.420%			
62) 4-Bromofluorobenzene	12.848	95	158877	47.680	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	5000	2.118	ug/l #	59
3) Chloromethane	2.372	50	8493	2.757	ug/l	95
4) Vinyl Chloride	2.531	62	8820	2.910	ug/l #	85
5) Bromomethane	2.954	94	8193	4.461	ug/l #	80
6) Chloroethane	3.131	64	6465	3.375	ug/l #	69
7) Trichlorofluoromethane	3.501	101	11240	2.725	ug/l	100
8) Diethyl Ether	3.978	74	4458	2.805	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.384	101	7579	3.127	ug/l #	64
10) Methyl Iodide	4.595	142	6189	2.068	ug/l	92
11) Tert butyl alcohol	5.531	59	6344	15.655	ug/l #	81
12) 1,1-Dichloroethene	4.348	96	5952	2.594	ug/l #	70
13) Acrolein	4.184	56	7630	12.542	ug/l	90
14) Allyl chloride	5.037	41	10417	2.620	ug/l	92
15) Acrylonitrile	5.731	53	19942	13.866	ug/l	89
16) Acetone	4.443	43	21358	15.575	ug/l	95
17) Carbon Disulfide	4.731	76	16191	2.672	ug/l	96
18) Methyl Acetate	5.048	43	13621	3.043	ug/l #	87
19) Methyl tert-butyl Ether	5.813	73	23290	3.010	ug/l	96
20) Methylene Chloride	5.284	84	10260	3.570	ug/l	96
21) trans-1,2-Dichloroethene	5.801	96	6958	2.694	ug/l #	90
22) Diisopropyl ether	6.689	45	27545	2.954	ug/l #	87
23) Vinyl Acetate	6.613	43	81002m	14.680	ug/l	
24) 1,1-Dichloroethane	6.584	63	14313	2.800	ug/l	96
25) 2-Butanone	7.495	43	28583	14.130	ug/l	97
26) 2,2-Dichloropropane	7.501	77	9880	2.680	ug/l	94
27) cis-1,2-Dichloroethene	7.495	96	8510	2.777	ug/l	86
28) Bromochloromethane	7.819	49	6778	2.786	ug/l #	100
29) Tetrahydrofuran	7.848	42	21080	15.950	ug/l	98
30) Chloroform	7.978	83	14405	2.821	ug/l	93
31) Cyclohexane	8.260	56	20788	4.317	ug/l	90
32) 1,1,1-Trichloroethane	8.178	97	12436	2.896	ug/l #	50
36) 1,1-Dichloropropene	8.372	75	10535	2.707	ug/l	95
37) Ethyl Acetate	7.566	43	12979	3.169	ug/l #	94
38) Carbon Tetrachloride	8.378	117	10415	2.652	ug/l #	90
39) Methylcyclohexane	9.607	83	11232	2.539	ug/l	94
40) Benzene	8.613	78	33435	2.797	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022223\
 Data File : VN076776.D
 Acq On : 22 Feb 2023 17:16
 Operator : JC\MD
 Sample : 01627-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Feb 23 00:47:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 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)
41) Methacrylonitrile	7.784	41	6517	2.747	ug/l #	94
42) 1,2-Dichloroethane	8.672	62	12554	3.011	ug/l	90
43) Isopropyl Acetate	8.695	43	19300	2.896	ug/l	96
44) Trichloroethene	9.354	130	8398	2.973	ug/l	77
45) 1,2-Dichloropropane	9.625	63	8925	2.821	ug/l #	85
46) Dibromomethane	9.713	93	6025	2.978	ug/l	95
47) Bromodichloromethane	9.883	83	10255	2.529	ug/l	92
48) Methyl methacrylate	9.683	41	8767	2.772	ug/l	91
49) 1,4-Dioxane	9.689	88	3041	55.595	ug/l #	90
51) 4-Methyl-2-Pentanone	10.448	43	61603	14.529	ug/l	92
52) Toluene	10.630	92	20285	2.811	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	10344	2.642	ug/l	98
54) cis-1,3-Dichloropropene	10.319	75	10934	2.422	ug/l #	80
55) 1,1,2-Trichloroethane	11.024	97	8885	3.028	ug/l #	79
56) Ethyl methacrylate	10.877	69	9888	2.394	ug/l	89
57) 1,3-Dichloropropane	11.166	76	15093	2.994	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.166	63	21713	11.478	ug/l	99
59) 2-Hexanone	11.201	43	40956	13.397	ug/l	96
60) Dibromochloromethane	11.366	129	7620	2.464	ug/l	87
61) 1,2-Dibromoethane	11.472	107	7870	2.679	ug/l	92
64) Tetrachloroethene	11.107	164	6082	2.672	ug/l	89
65) Chlorobenzene	11.895	112	19491	2.546	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.960	131	7467	2.686	ug/l	89
67) Ethyl Benzene	11.966	91	32701	2.508	ug/l	98
68) m/p-Xylenes	12.077	106	24175	4.809	ug/l	90
69) o-Xylene	12.395	106	12921	2.636	ug/l	85
70) Styrene	12.407	104	18322	2.311	ug/l #	88
71) Bromoform	12.589	173	4968	2.436	ug/l #	92
73) Isopropylbenzene	12.701	105	29610	2.760	ug/l	96
74) N-amyl acetate	12.501	43	12525	2.590	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.942	83	13420	3.456	ug/l #	95
76) 1,2,3-Trichloropropane	12.995	75	9427m	3.186	ug/l	
77) Bromobenzene	12.983	156	8415	3.144	ug/l	95
78) n-propylbenzene	13.042	91	36038	2.861	ug/l	92
79) 2-Chlorotoluene	13.124	91	22755	2.950	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	26143	2.949	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.748	75	3285	3.233	ug/l #	92
82) 4-Chlorotoluene	13.124	91	22755	2.950	ug/l	100
83) tert-Butylbenzene	13.436	119	21177	2.640	ug/l	95
84) 1,2,4-Trimethylbenzene	13.489	105	22198	2.512	ug/l	98
85) sec-Butylbenzene	13.624	105	29574	2.641	ug/l	93
86) p-Isopropyltoluene	13.730	119	20859	2.333	ug/l	94
87) 1,3-Dichlorobenzene	13.730	146	13363	2.641	ug/l	95
88) 1,4-Dichlorobenzene	13.813	146	13598m	2.699	ug/l	
89) n-Butylbenzene	14.060	91	19598	2.520	ug/l	98
90) Hexachloroethane	14.336	117	5152	2.752	ug/l	97
91) 1,2-Dichlorobenzene	14.113	146	13982	2.695	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.712	75	1701	2.261	ug/l	83
93) 1,2,4-Trichlorobenzene	15.401	180	5378	2.078	ug/l	84
94) Hexachlorobutadiene	15.501	225	3137	2.474	ug/l	86
95) Naphthalene	15.636	128	15717	2.002	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.848	180	6254	2.495	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022223\
Data File : VN076776.D
Acq On : 22 Feb 2023 17:16
Operator : JC\MD
Sample : 01627-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

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

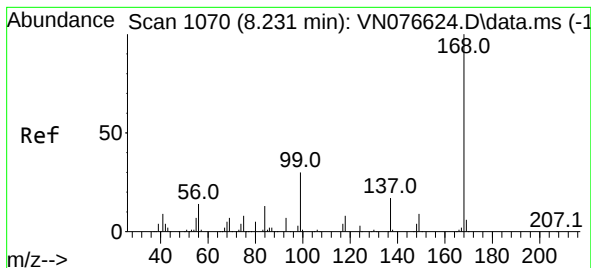
Manual Integrations
APPROVED

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

Quant Time: Feb 23 00:47:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 14 01:44:47 2023
Response via : Initial Calibration

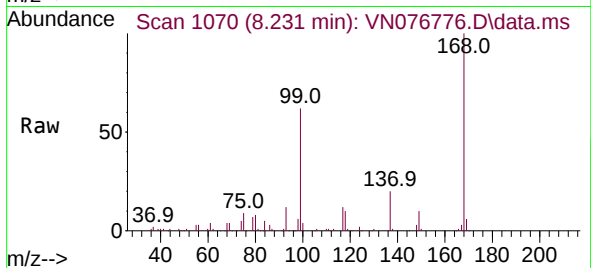
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

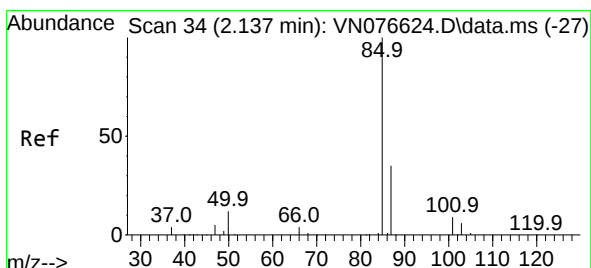
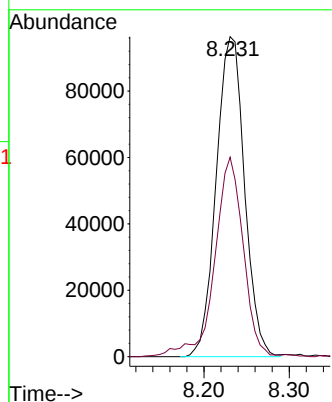
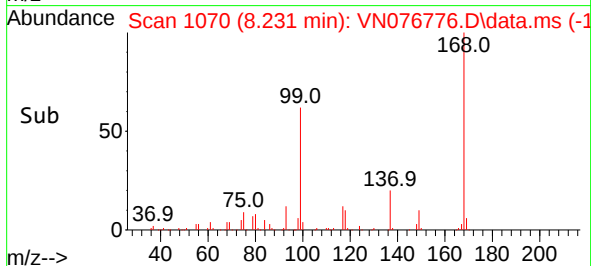
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:168 Resp: 222328
Ion Ratio Lower Upper
168 100
99 61.8 44.8 67.2

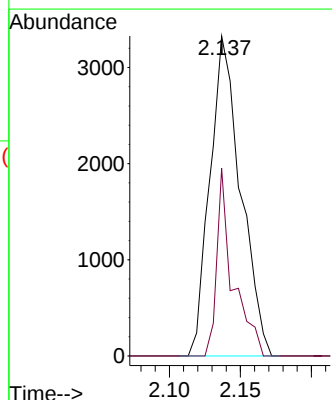
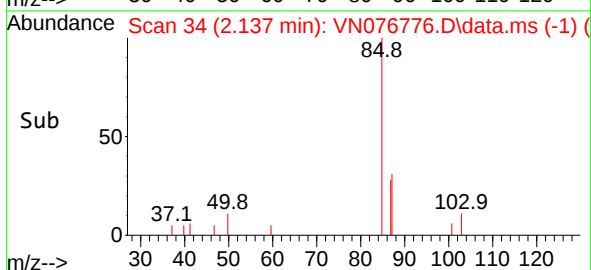
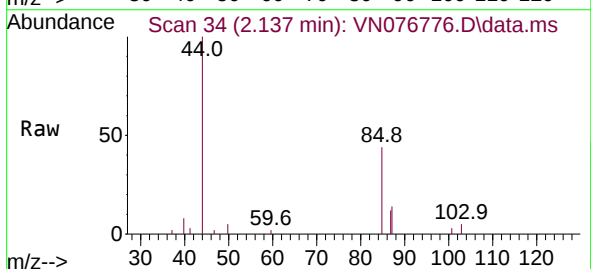
Manual Integrations
APPROVED

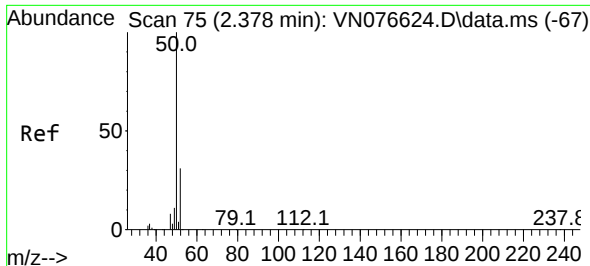
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#2
Dichlorodifluoromethane
Concen: 2.118 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

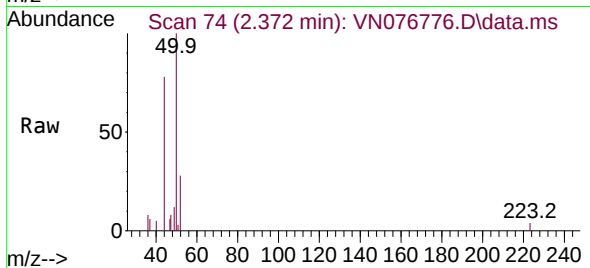
Tgt Ion: 85 Resp: 5000
Ion Ratio Lower Upper
85 100
87 58.7 17.4 52.2#





#3
Chloromethane
Concen: 2.757 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

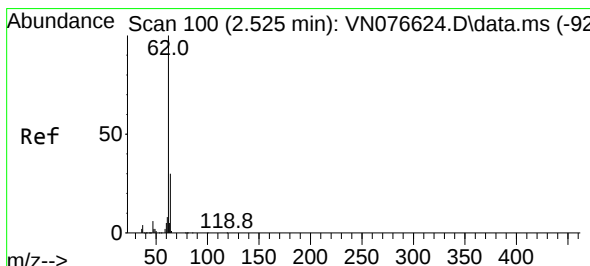
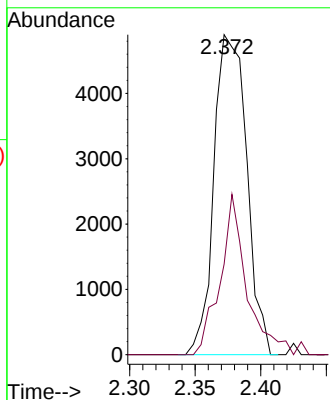
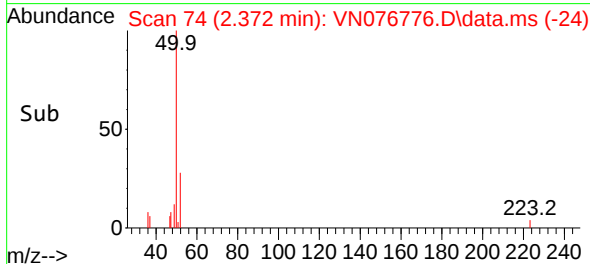
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 50 Resp: 849
Ion Ratio Lower Upper
50 100
52 28.3 24.7 37.1

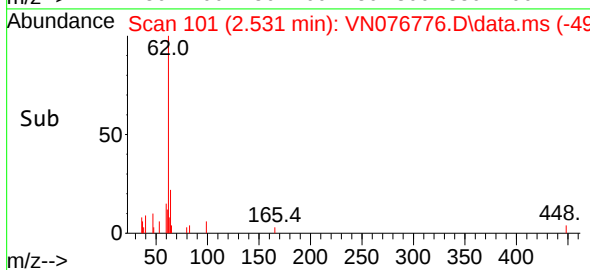
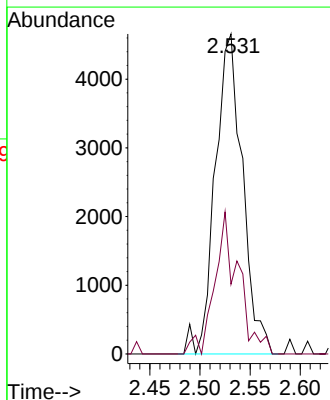
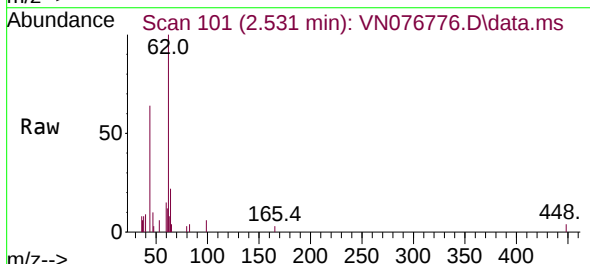
Manual Integrations
APPROVED

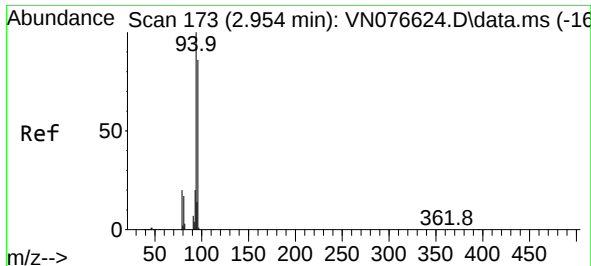
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#4
Vinyl Chloride
Concen: 2.910 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

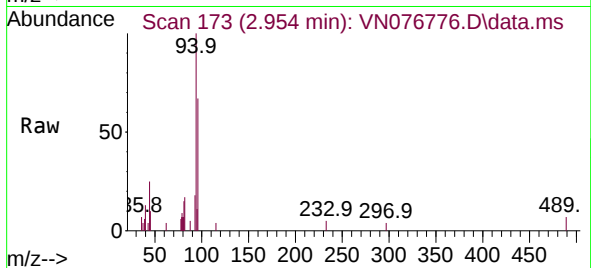
Tgt Ion: 62 Resp: 8820
Ion Ratio Lower Upper
62 100
64 21.8 23.9 35.9#





#5
Bromomethane
Concen: 4.461 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

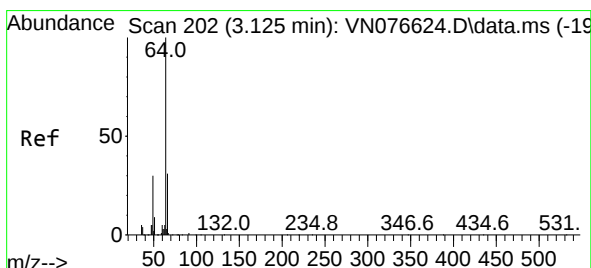
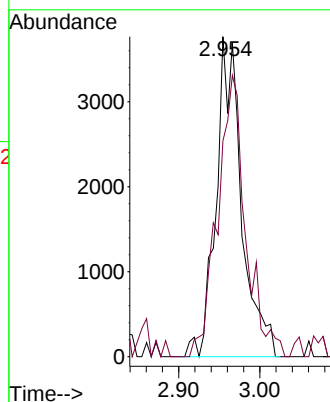
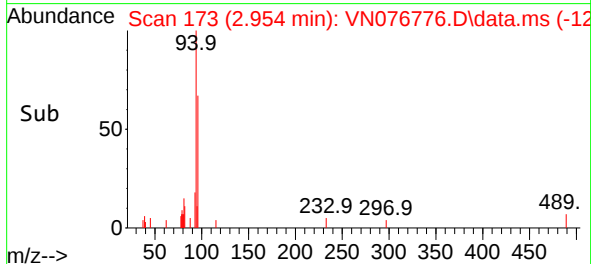
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 94 Resp: 819
Ion Ratio Lower Upper
94 100
96 67.5 69.0 103.4

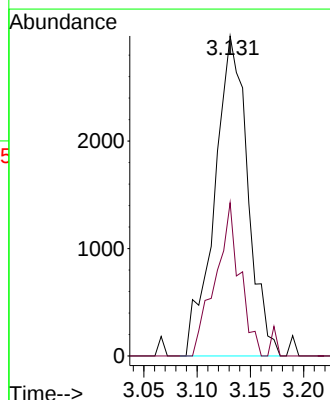
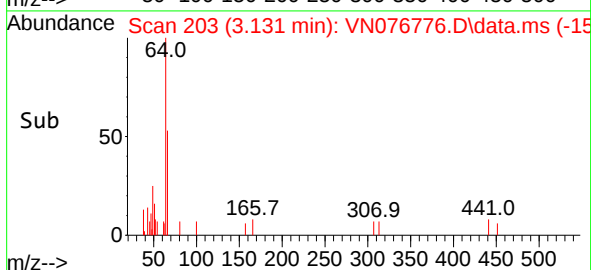
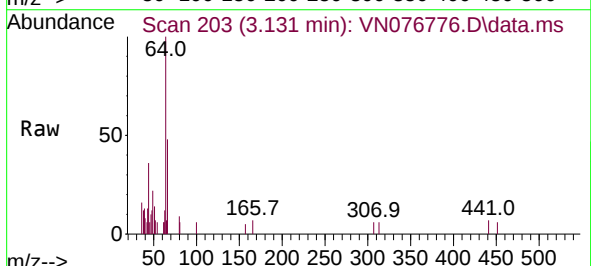
Manual Integrations
APPROVED

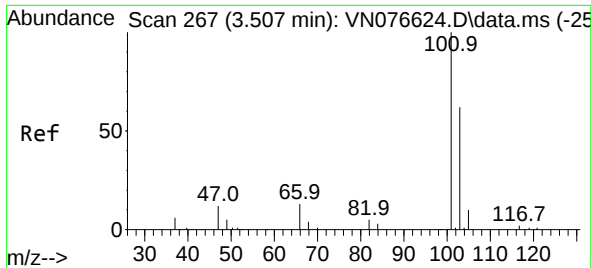
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#6
Chloroethane
Concen: 3.375 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

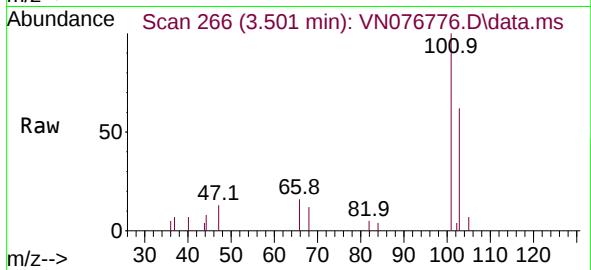
Tgt Ion: 64 Resp: 6465
Ion Ratio Lower Upper
64 100
66 47.9 24.6 37.0





#7
 Trichlorofluoromethane
 Concen: 2.725 ug/l
 RT: 3.501 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VN076776.D
 Acq: 22 Feb 2023 17:16

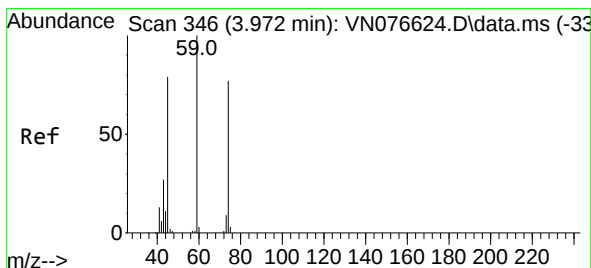
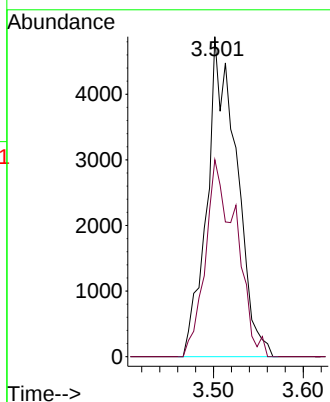
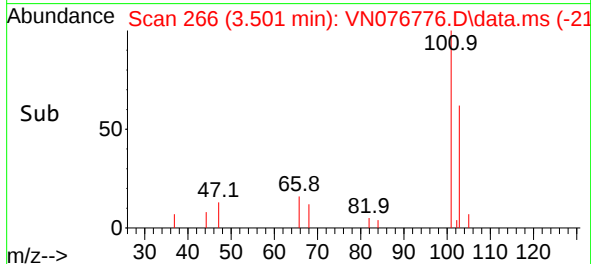
Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT1-2023



Tgt Ion:101 Resp: 11240
 Ion Ratio Lower Upper
 101 100
 103 61.5 49.4 74.2

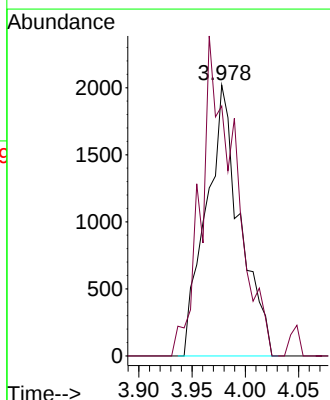
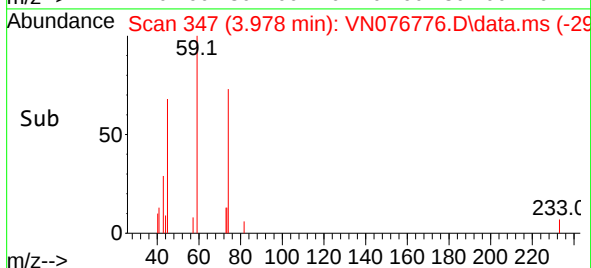
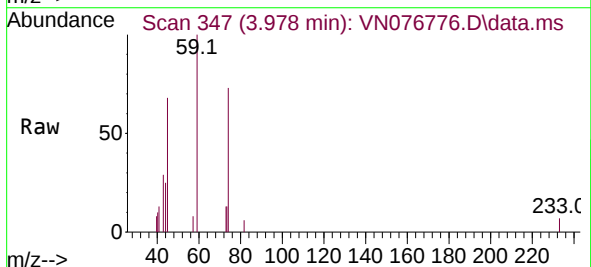
Manual Integrations
 APPROVED

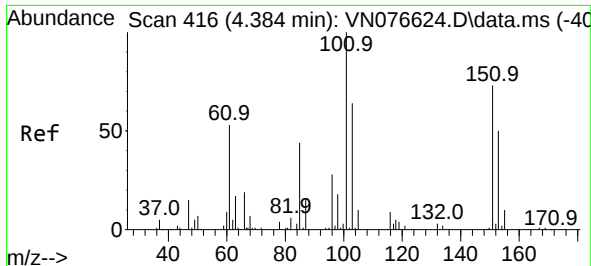
Reviewed By :John Carlone 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#8
 Diethyl Ether
 Concen: 2.805 ug/l
 RT: 3.978 min Scan# 347
 Delta R.T. 0.006 min
 Lab File: VN076776.D
 Acq: 22 Feb 2023 17:16

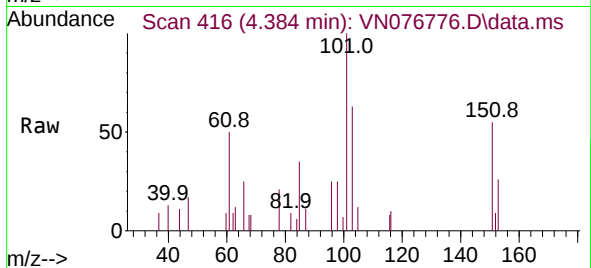
Tgt Ion: 74 Resp: 4458
 Ion Ratio Lower Upper
 74 100
 45 118.4 51.3 153.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.127 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

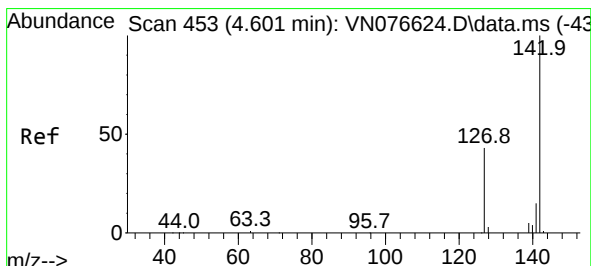
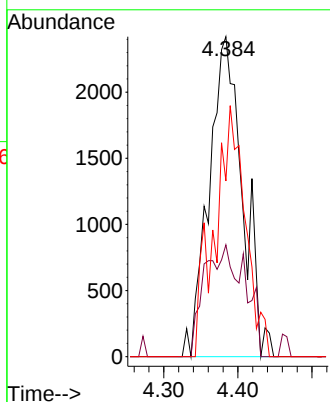
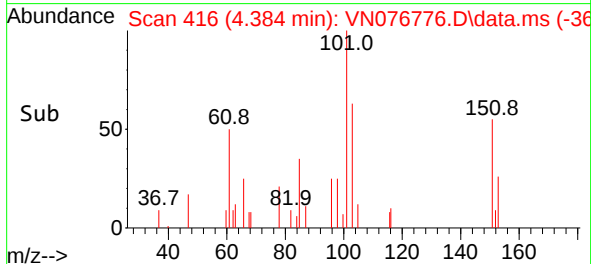
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023



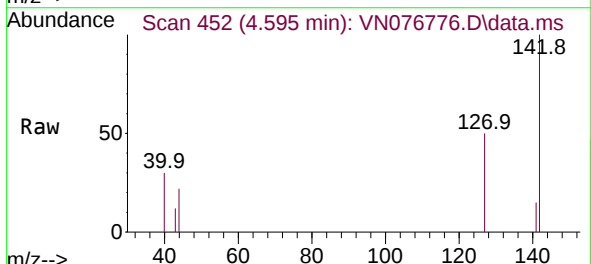
Tgt Ion:101 Resp: 7579
Ion Ratio Lower Upper
101 100
85 0.0 37.4 56.0
151 61.6 58.7 88.1

Manual Integrations
APPROVED

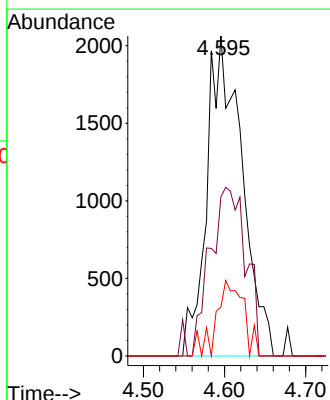
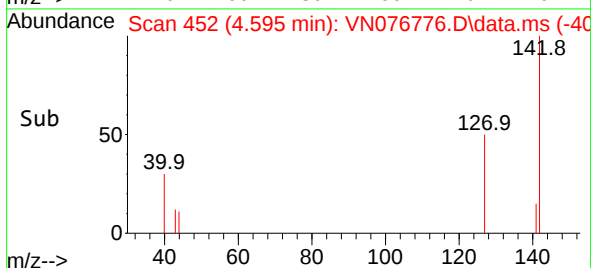
Reviewed By :John Carbone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

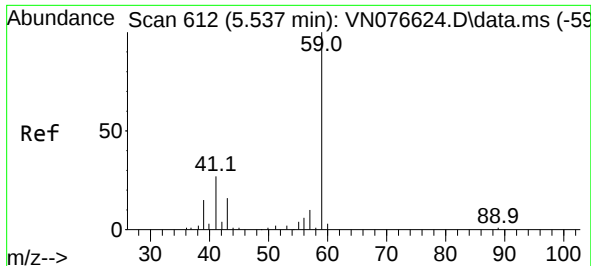


#10
Methyl Iodide
Concen: 2.068 ug/l
RT: 4.595 min Scan# 452
Delta R.T. -0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16



Tgt Ion:142 Resp: 6189
Ion Ratio Lower Upper
142 100
127 49.7 34.6 51.8
141 15.3 11.7 17.5





#11

Tert butyl alcohol

Concen: 15.655 ug/l

RT: 5.531 min Scan# 612

Delta R.T. -0.006 min

Lab File: VN076776.D

Acq: 22 Feb 2023 17:16

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion: 59 Resp: 6344

Ion Ratio Lower Upper

59 100

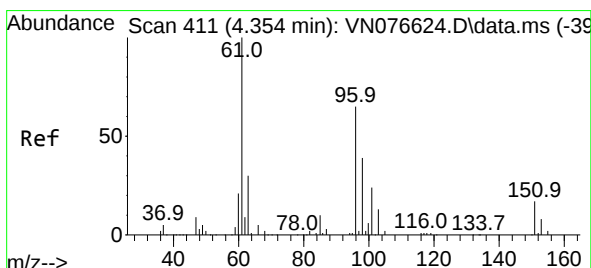
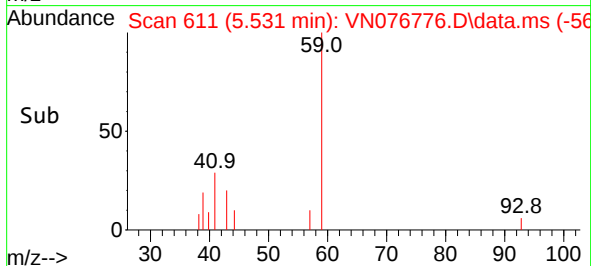
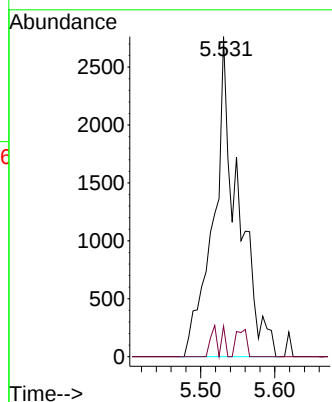
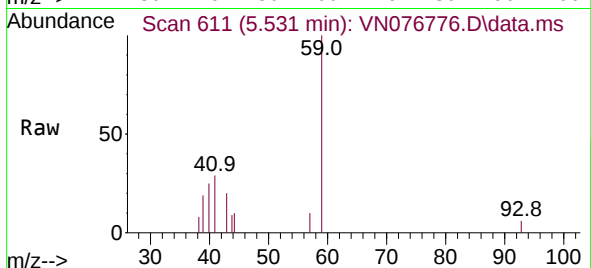
57 3.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#12

1,1-Dichloroethene

Concen: 2.594 ug/l

RT: 4.348 min Scan# 410

Delta R.T. -0.006 min

Lab File: VN076776.D

Acq: 22 Feb 2023 17:16

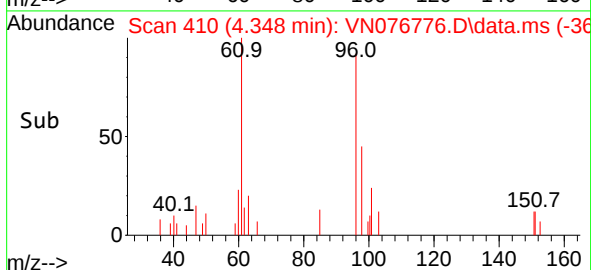
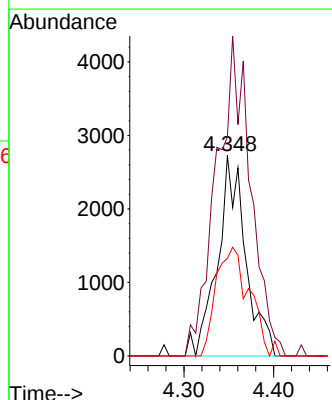
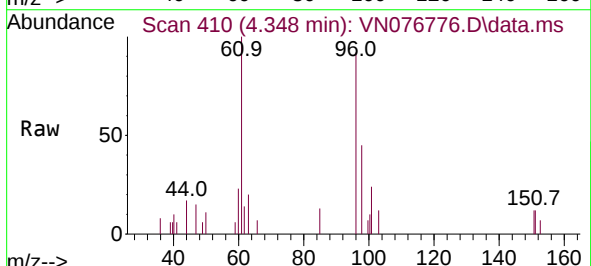
Tgt Ion: 96 Resp: 5952

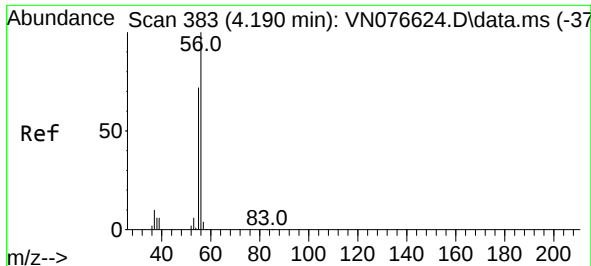
Ion Ratio Lower Upper

96 100

61 109.2 123.8 185.6#

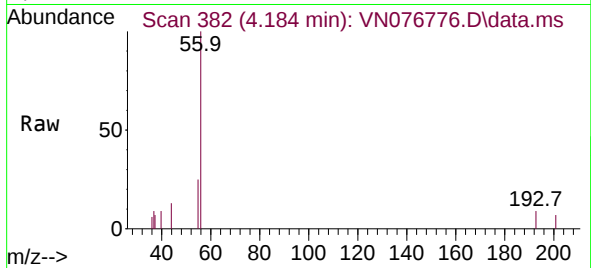
98 48.7 48.4 72.6





#13
Acrolein
Concen: 12.542 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

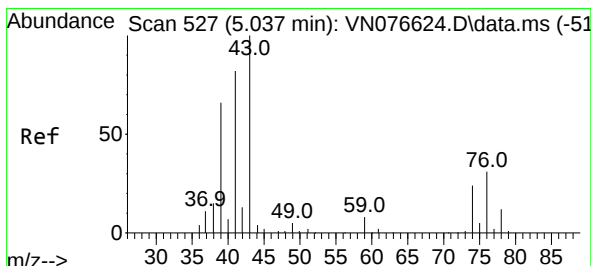
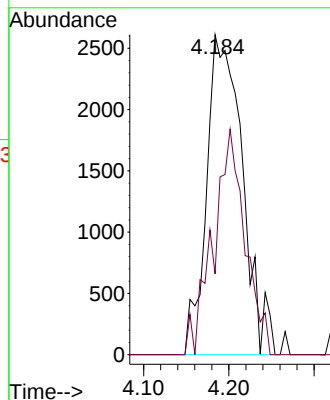
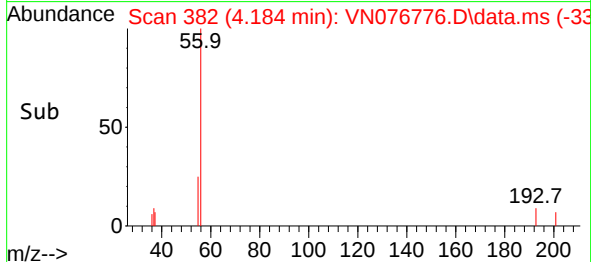
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2023



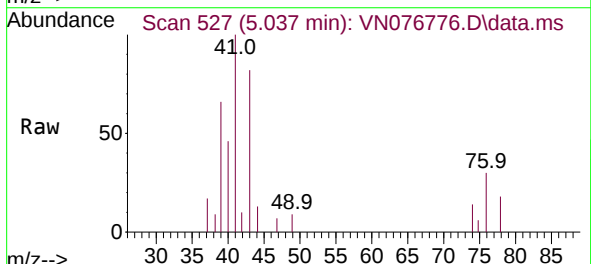
Tgt Ion: 56 Resp: 7630
Ion Ratio Lower Upper
56 100
55 62.6 56.3 84.5

Manual Integrations
APPROVED

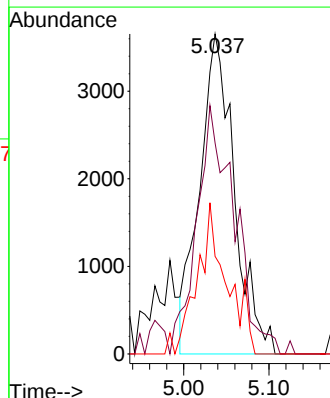
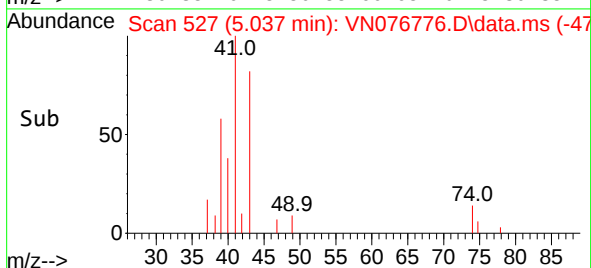
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

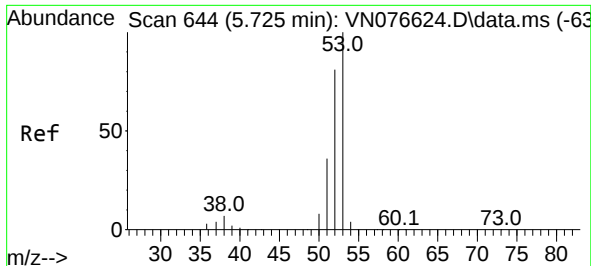


#14
Allyl chloride
Concen: 2.620 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16



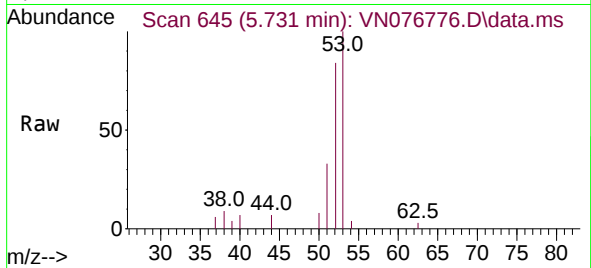
Tgt Ion: 41 Resp: 10417
Ion Ratio Lower Upper
41 100
39 84.0 62.3 93.5
76 39.9 27.0 40.6





#15
Acrylonitrile
Concen: 13.866 ug/l
RT: 5.731 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

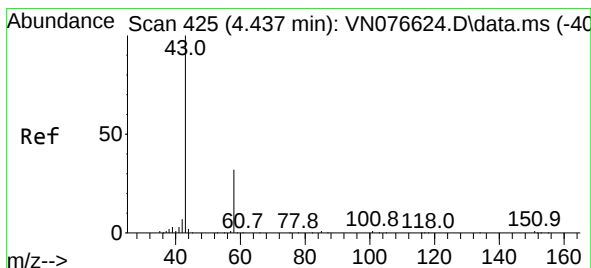
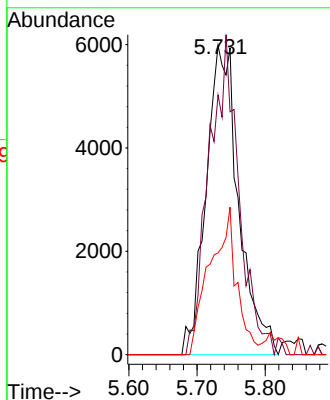
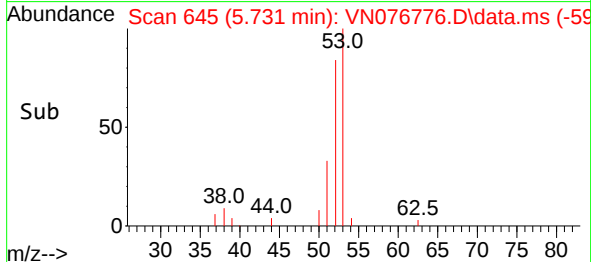
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 53 Resp: 1994
Ion Ratio Lower Upper
53 100
52 94.0 65.3 97.9
51 38.9 29.2 43.8

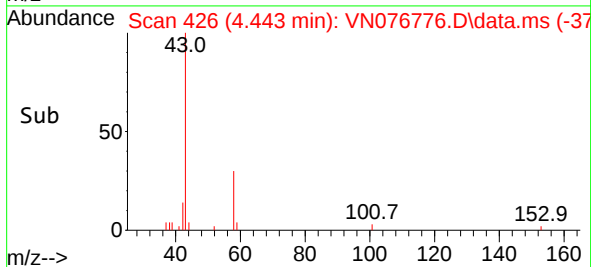
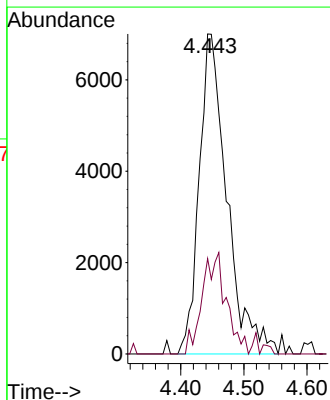
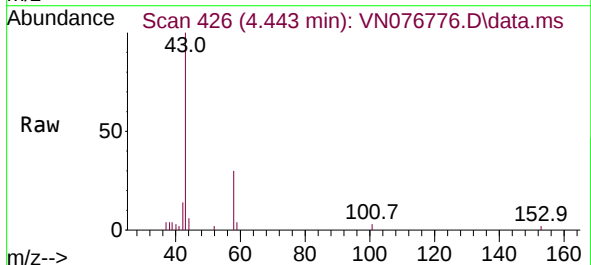
Manual Integrations
APPROVED

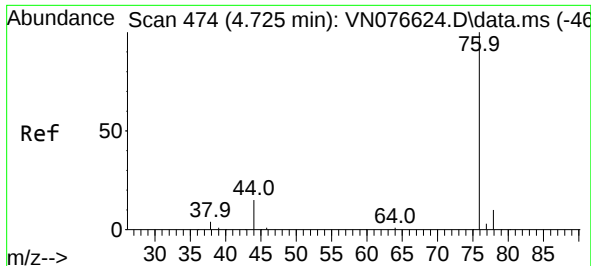
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#16
Acetone
Concen: 15.575 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

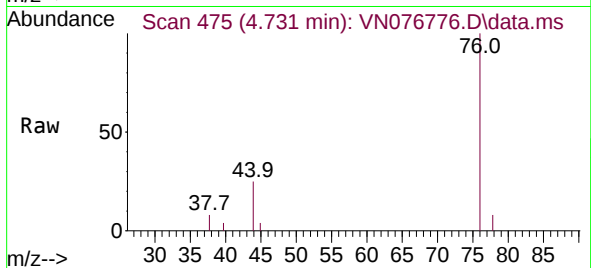
Tgt Ion: 43 Resp: 21358
Ion Ratio Lower Upper
43 100
58 29.8 25.9 38.9





#17
Carbon Disulfide
Concen: 2.672 ug/l
RT: 4.731 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

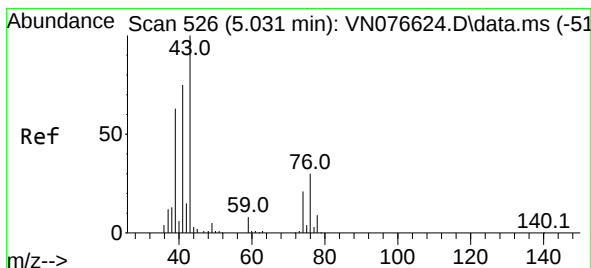
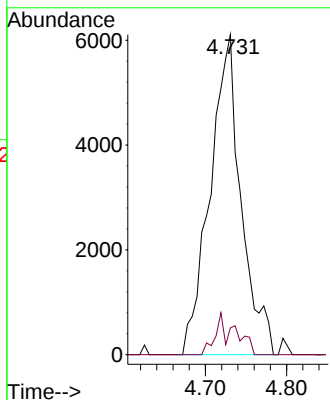
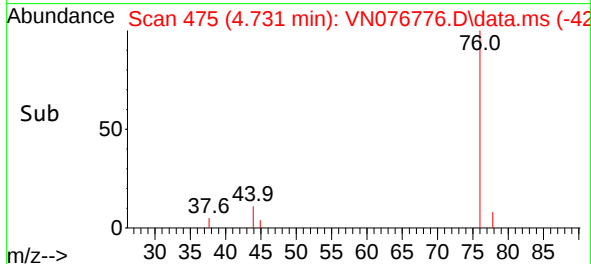
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 76 Resp: 1619
Ion Ratio Lower Upper
76 100
78 8.3 7.8 11.8

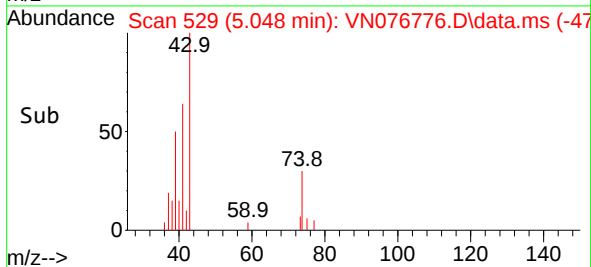
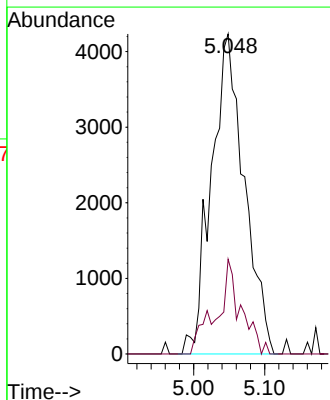
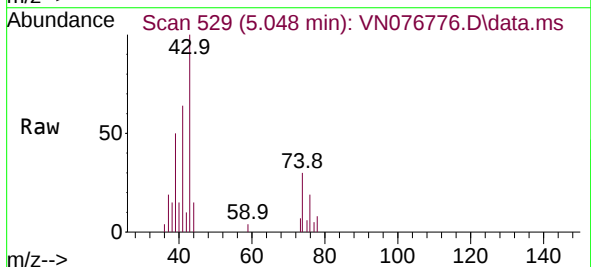
Manual Integrations
APPROVED

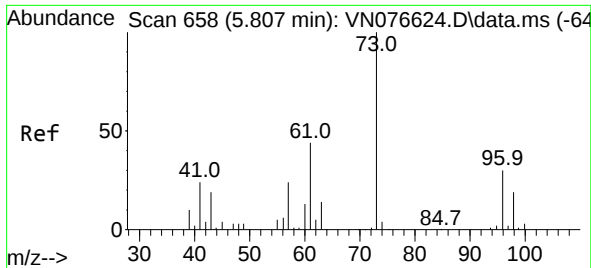
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#18
Methyl Acetate
Concen: 3.043 ug/l
RT: 5.048 min Scan# 529
Delta R.T. 0.017 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

Tgt Ion: 43 Resp: 13621
Ion Ratio Lower Upper
43 100
74 15.9 17.7 26.5#





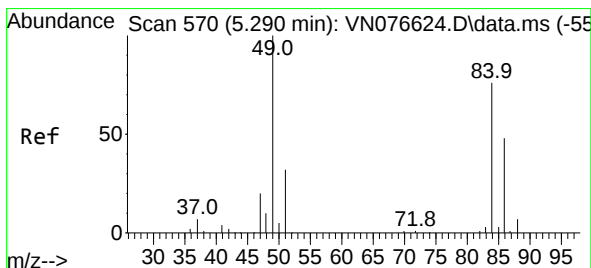
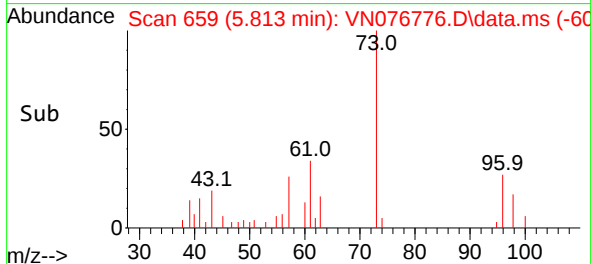
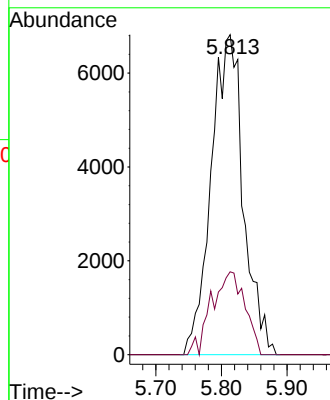
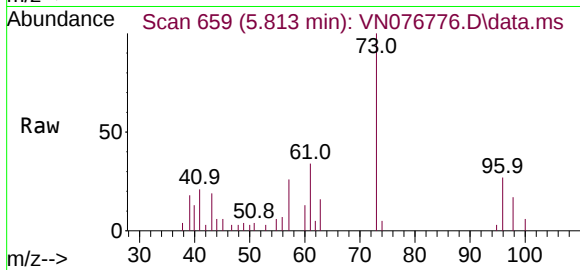
#19
Methyl tert-butyl Ether
Concen: 3.010 ug/l
RT: 5.813 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

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

Tgt Ion: 73 Resp: 23290
Ion Ratio Lower Upper
73 100
57 25.9 19.0 28.4

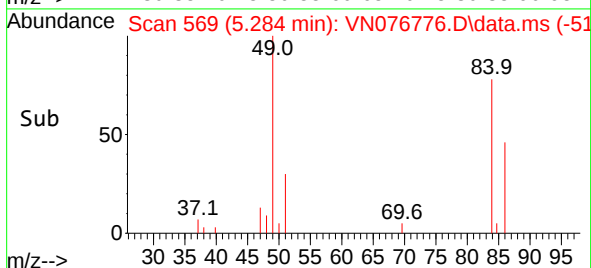
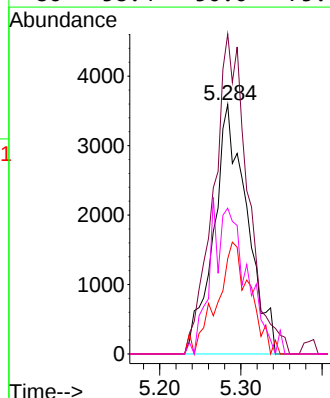
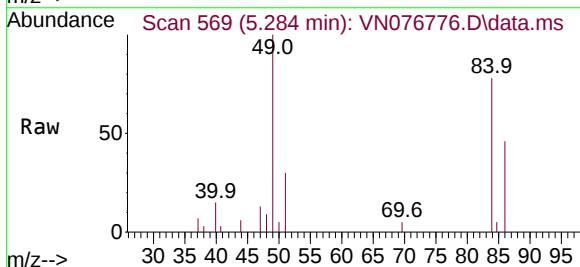
Manual Integrations
APPROVED

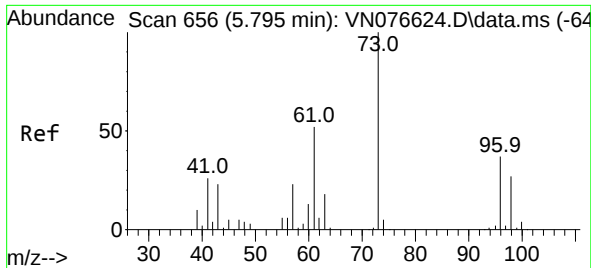
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#20
Methylene Chloride
Concen: 3.570 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

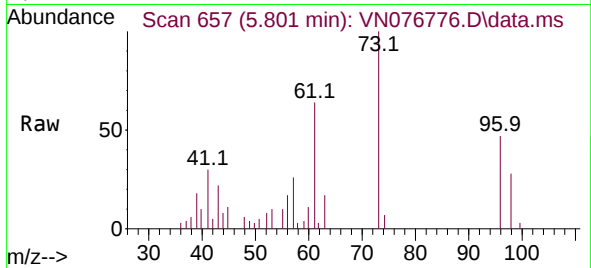
Tgt Ion: 84 Resp: 10260
Ion Ratio Lower Upper
84 100
49 128.2 104.9 157.3
51 38.2 33.8 50.8
86 58.4 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 2.694 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

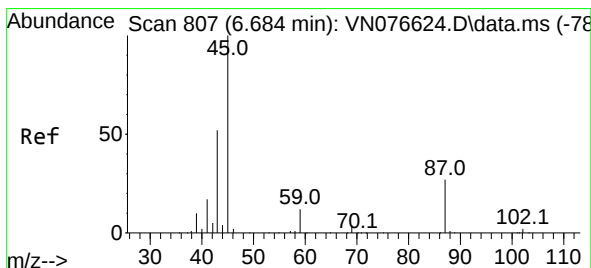
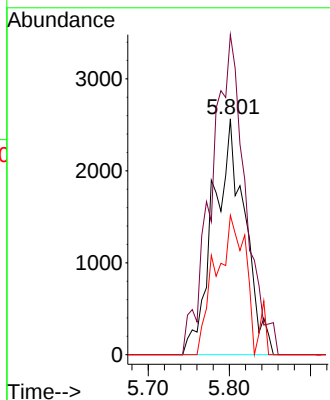
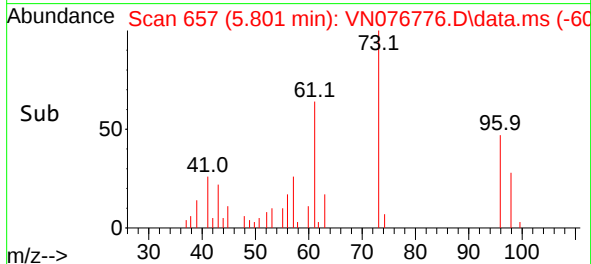
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023



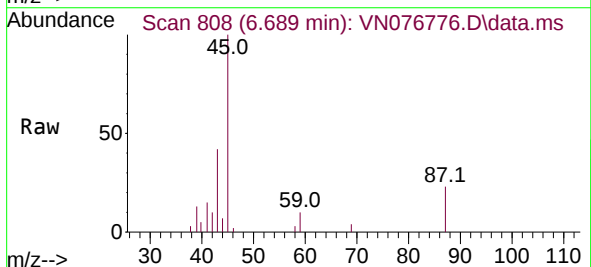
Tgt Ion: 96 Resp: 6958
Ion Ratio Lower Upper
96 100
61 135.7 113.9 170.9
98 59.1 59.4 89.0

Manual Integrations
APPROVED

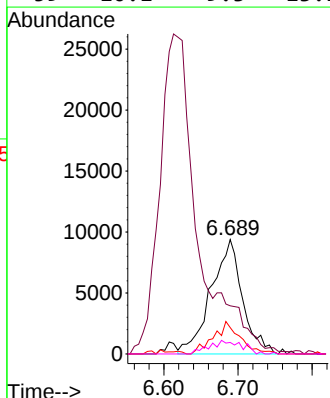
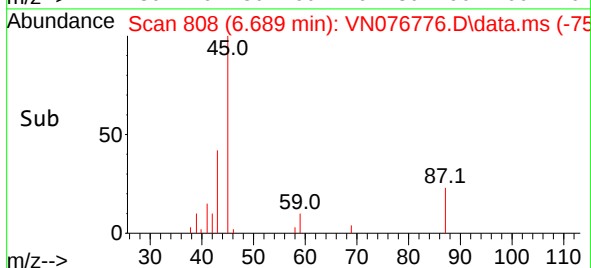
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

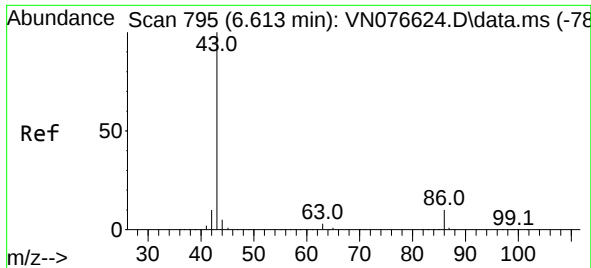


#22
Diisopropyl ether
Concen: 2.954 ug/l
RT: 6.689 min Scan# 808
Delta R.T. 0.005 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16



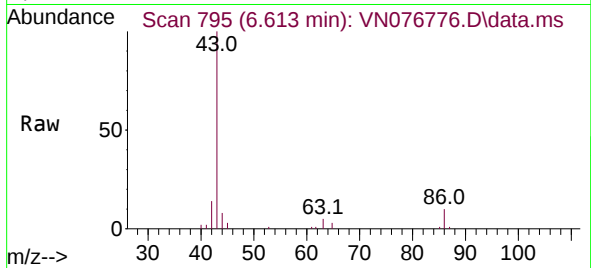
Tgt Ion: 45 Resp: 27545
Ion Ratio Lower Upper
45 100
43 39.6 41.8 62.6#
87 23.0 21.8 32.8
59 10.1 9.3 13.9





#23
 Vinyl Acetate
 Concen: 14.680 ug/l m
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN076776.D
 Acq: 22 Feb 2023 17:16

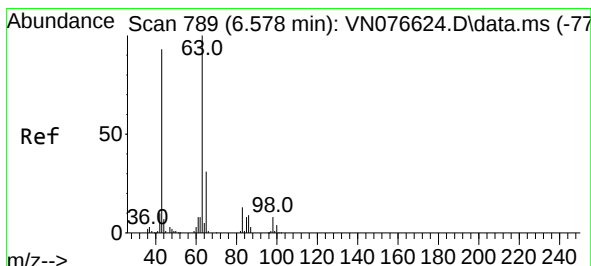
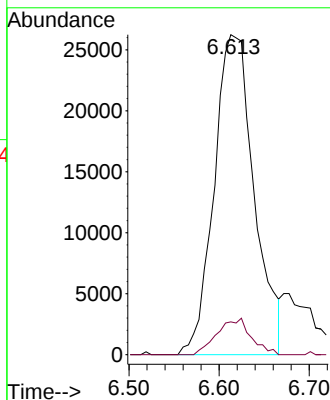
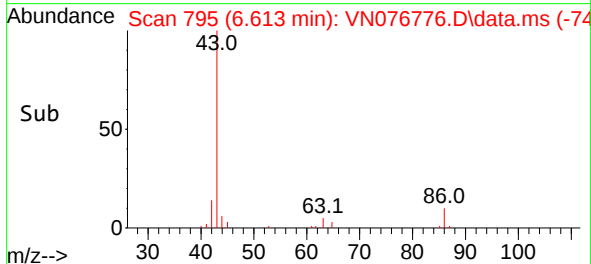
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2023



Tgt Ion: 43 Resp: 8100
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.2 12.2

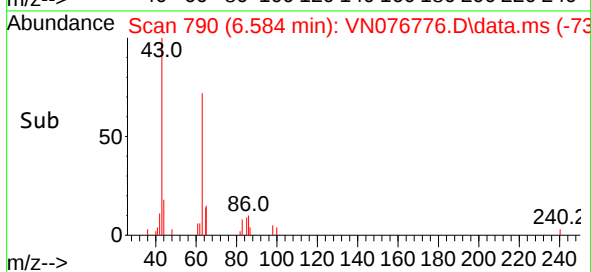
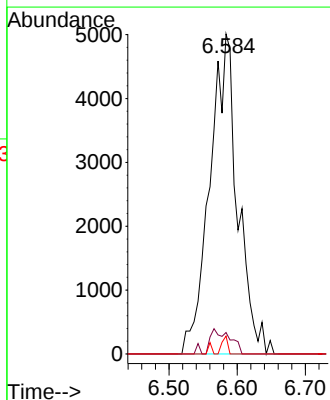
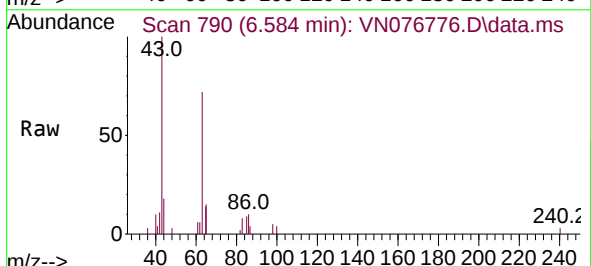
Manual Integrations
 APPROVED

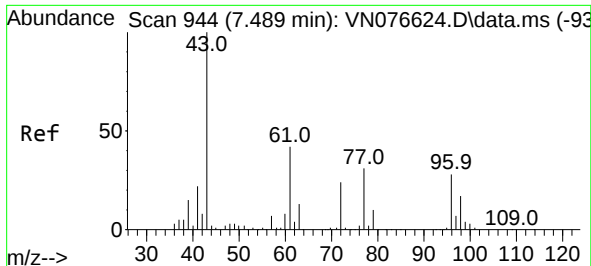
Reviewed By :John Carlone 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#24
 1,1-Dichloroethane
 Concen: 2.800 ug/l
 RT: 6.584 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN076776.D
 Acq: 22 Feb 2023 17:16

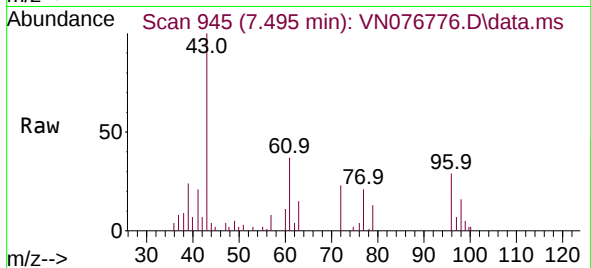
Tgt Ion: 63 Resp: 14313
 Ion Ratio Lower Upper
 63 100
 98 6.7 4.1 12.3
 100 5.6 2.0 5.8





#25
2-Butanone
Concen: 14.130 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

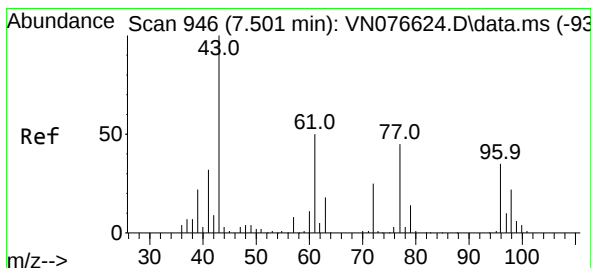
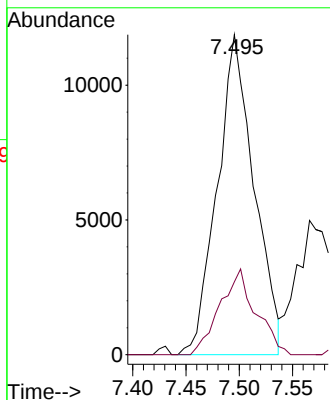
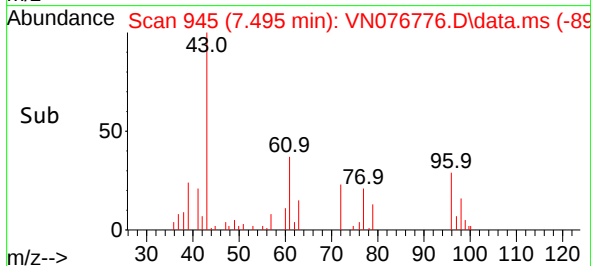
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023



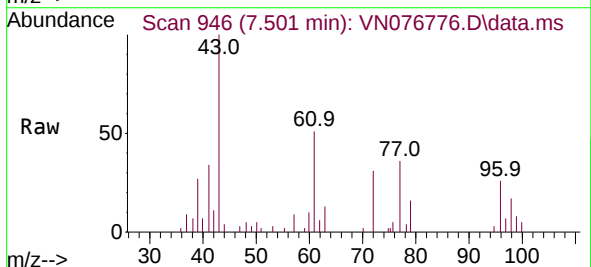
Tgt Ion: 43 Resp: 2858
Ion Ratio Lower Upper
43 100
72 22.8 19.4 29.2

Manual Integrations
APPROVED

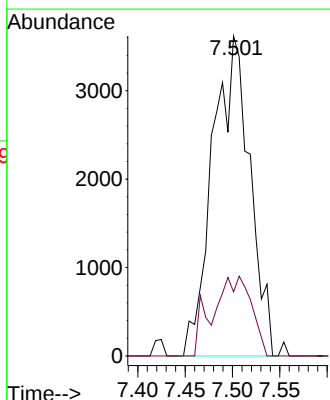
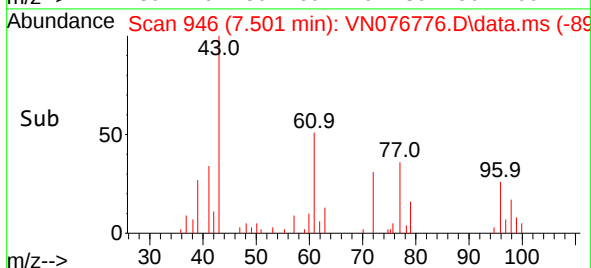
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

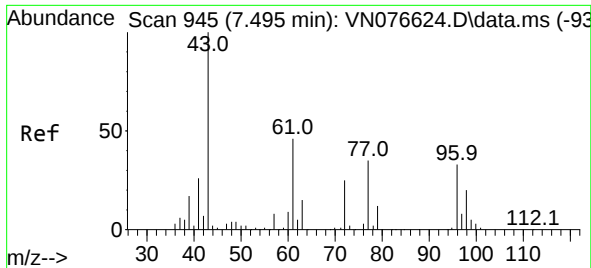


#26
2,2-Dichloropropane
Concen: 2.680 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.000 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16



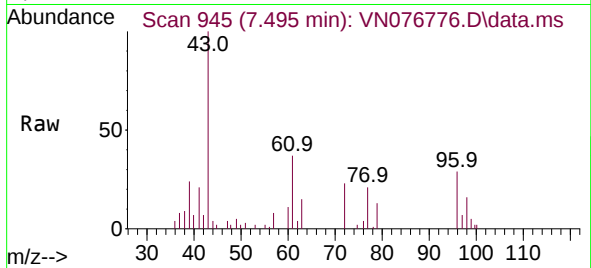
Tgt Ion: 77 Resp: 9880
Ion Ratio Lower Upper
77 100
97 20.8 11.9 35.7





#27
 cis-1,2-Dichloroethene
 Concen: 2.777 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076776.D
 Acq: 22 Feb 2023 17:16

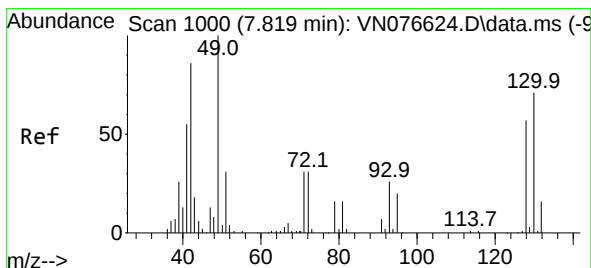
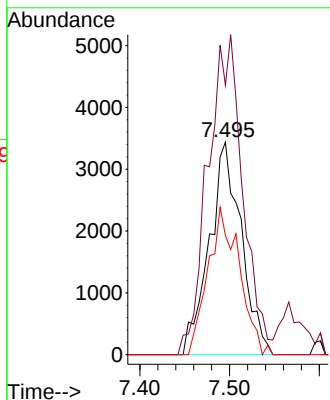
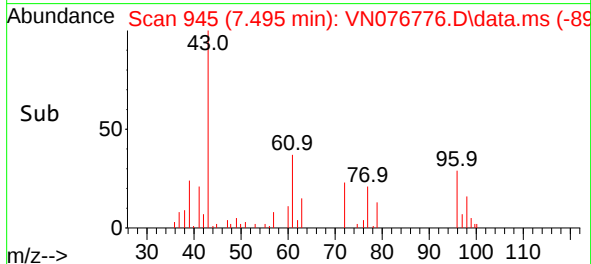
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2023



Tgt Ion: 96 Resp: 8510
 Ion Ratio Lower Upper
 96 100
 61 164.0 0.0 286.8
 98 68.0 0.0 124.0

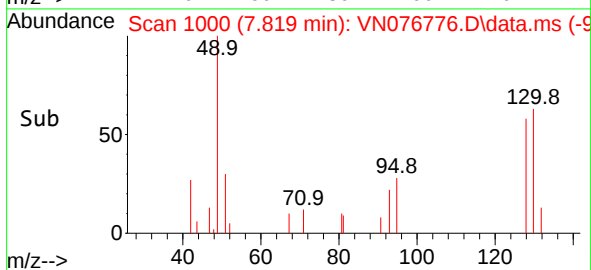
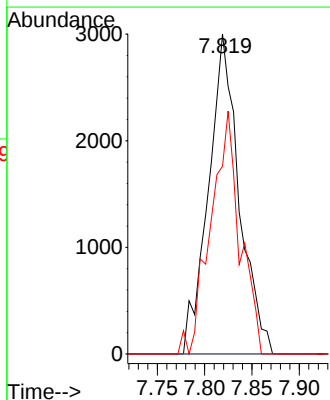
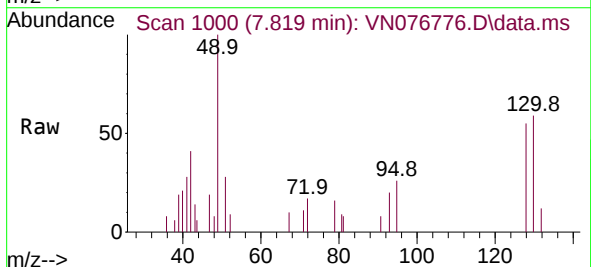
Manual Integrations
 APPROVED

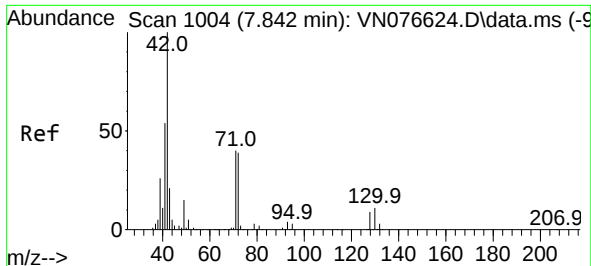
Reviewed By :John Carlone 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#28
 Bromochloromethane
 Concen: 2.786 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076776.D
 Acq: 22 Feb 2023 17:16

Tgt Ion: 49 Resp: 6778
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.0
 130 72.1 57.8 86.8





#29

Tetrahydrofuran

Concen: 15.950 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN076776.D

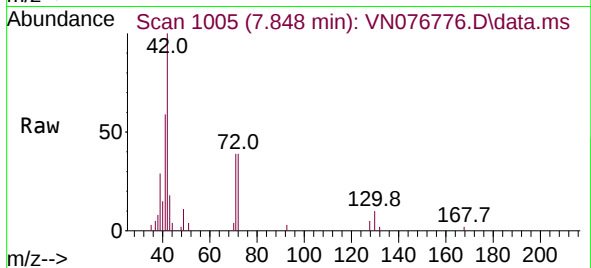
Acq: 22 Feb 2023 17:16

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023



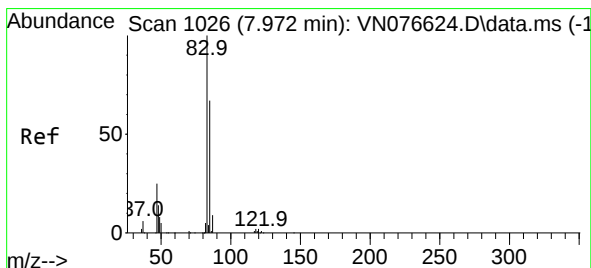
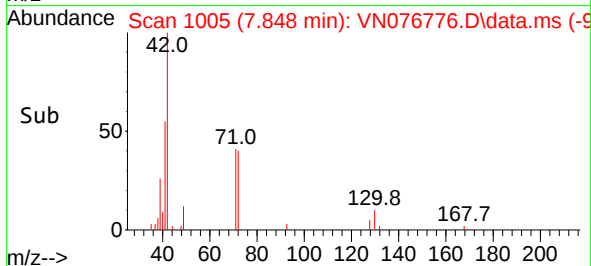
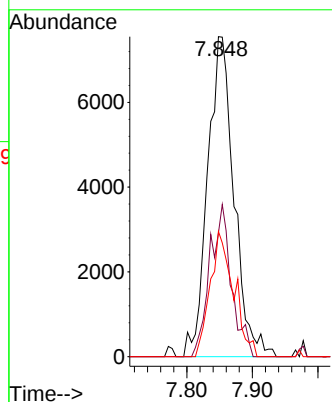
Tgt Ion:	42	Resp:	21080
Ion Ratio	Lower	Upper	
42	100		
72	39.0	31.5	47.3
71	34.9	29.8	44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#30

Chloroform

Concen: 2.821 ug/l

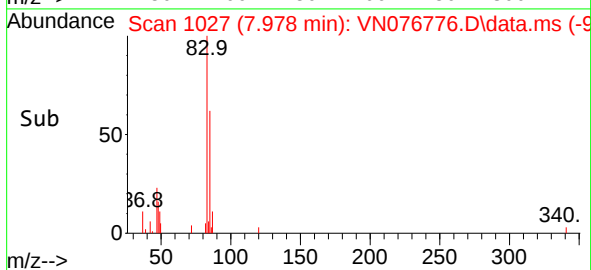
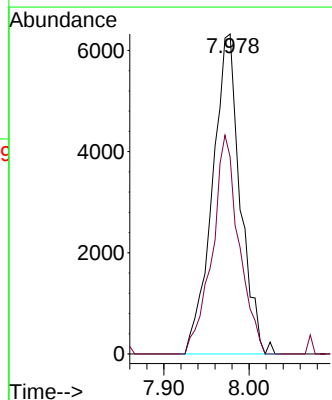
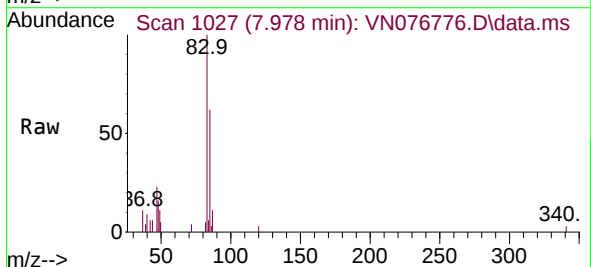
RT: 7.978 min Scan# 1027

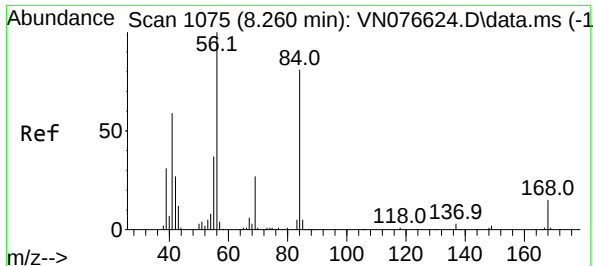
Delta R.T. 0.006 min

Lab File: VN076776.D

Acq: 22 Feb 2023 17:16

Tgt Ion:	83	Resp:	14405
Ion Ratio	Lower	Upper	
83	100		
85	61.5	53.5	80.3





#31

Cyclohexane

Concen: 4.317 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN076776.D

Acq: 22 Feb 2023 17:16

Instrument :

MSVOA_N

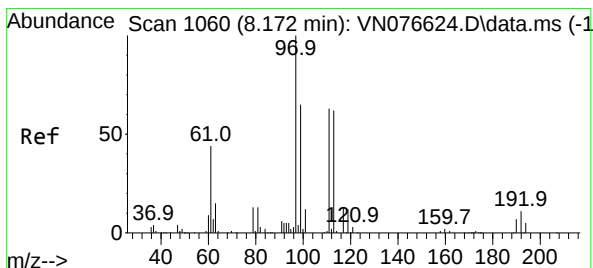
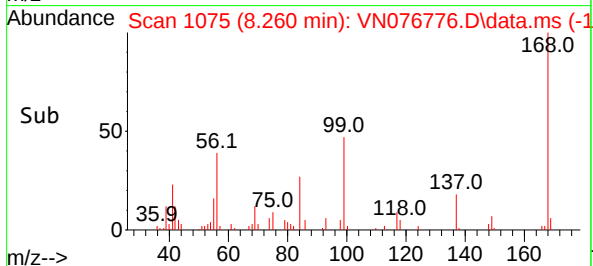
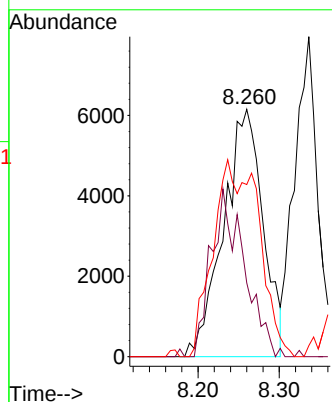
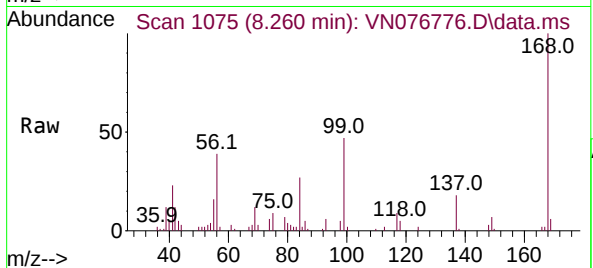
ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion: 56	Resp: 2078
Ion Ratio	Lower Upper
56 100	
69 26.7	21.6 32.4
84 69.6	65.1 97.7

Manual Integrations
APPROVED

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



#32

1,1,1-Trichloroethane

Concen: 2.896 ug/l

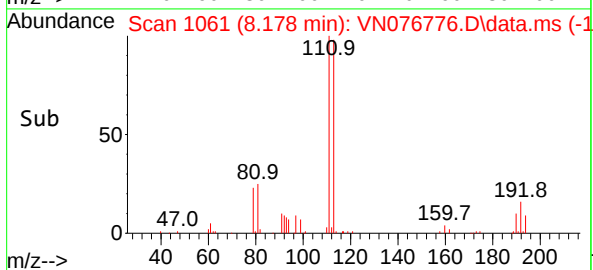
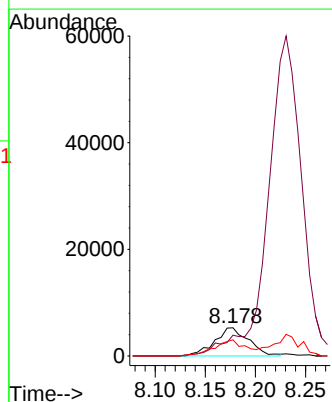
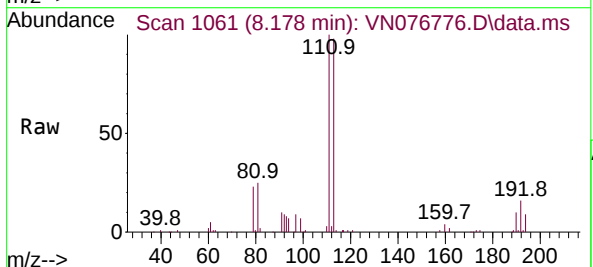
RT: 8.178 min Scan# 1061

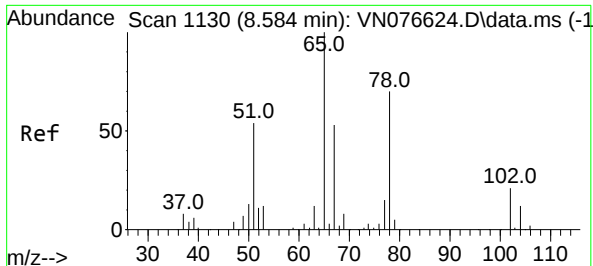
Delta R.T. 0.006 min

Lab File: VN076776.D

Acq: 22 Feb 2023 17:16

Tgt Ion: 97	Resp: 12436
Ion Ratio	Lower Upper
97 100	
99 0.0	51.2 76.8
61 53.3	38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 60.975 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076776.D

Acq: 22 Feb 2023 17:16

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion: 65 Resp: 18719

Ion Ratio Lower Upper

65 100

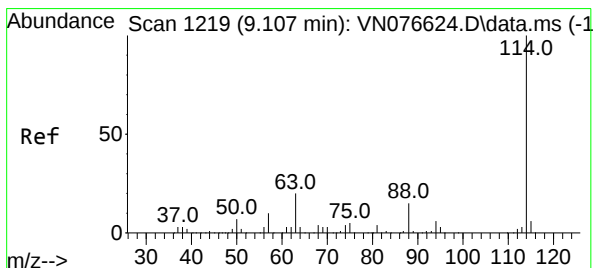
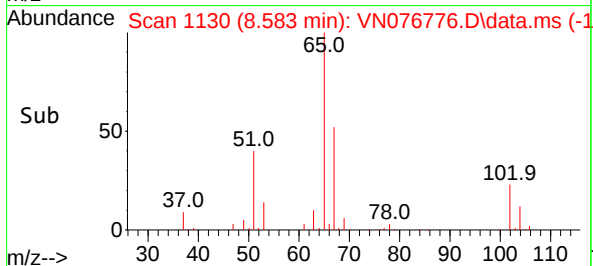
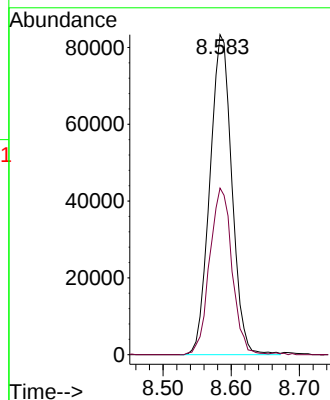
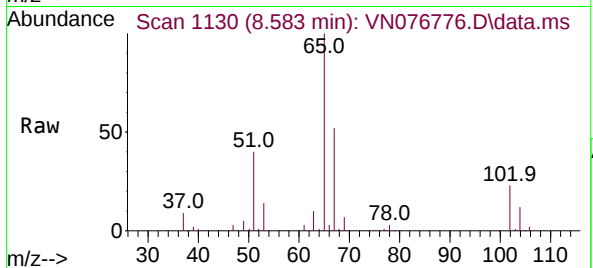
67 53.0 0.0 105.6

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: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076776.D

Acq: 22 Feb 2023 17:16

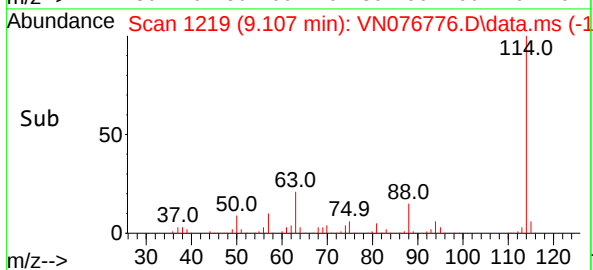
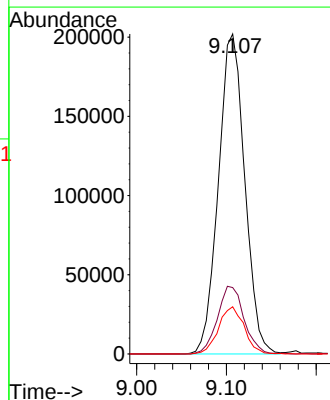
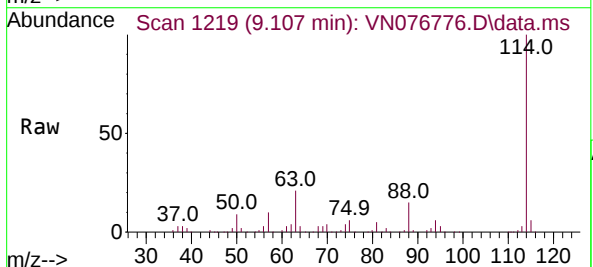
Tgt Ion:114 Resp: 411363

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.0

88 14.7 0.0 29.6





#35

Dibromofluoromethane

Concen: 52.341 ug/l

RT: 8.178 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VN076776.D

Acq: 22 Feb 2023 17:16

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion: 113 Resp: 14100

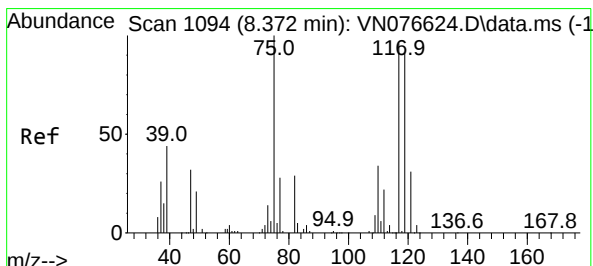
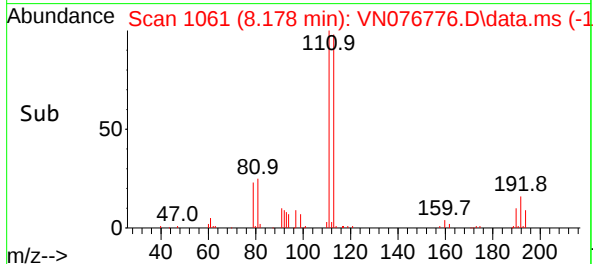
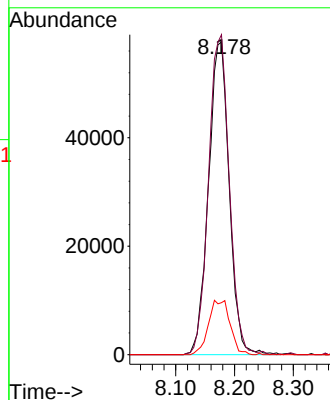
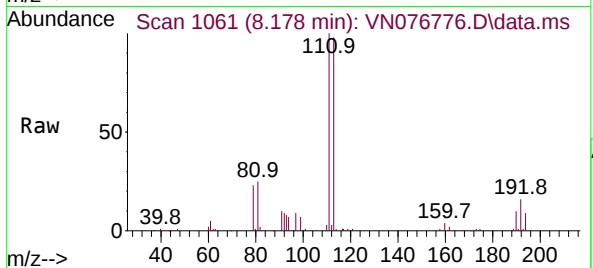
Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.1	124.7
192	18.1	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#36

1,1-Dichloropropene

Concen: 2.707 ug/l

RT: 8.372 min Scan# 1094

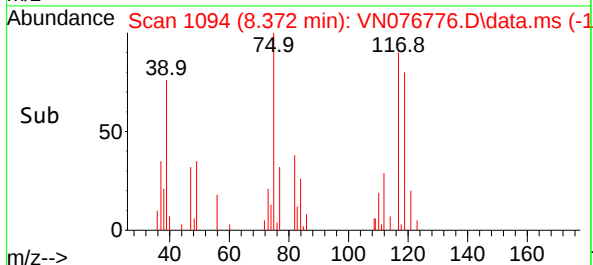
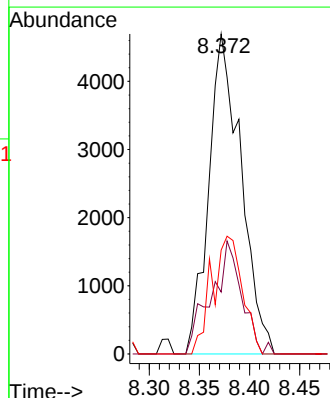
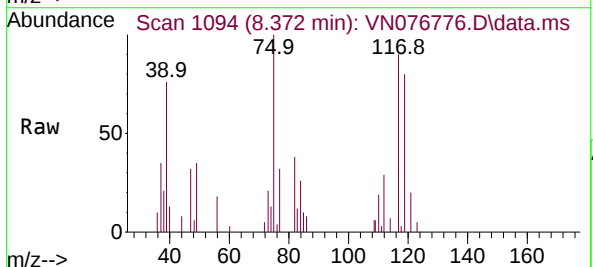
Delta R.T. -0.000 min

Lab File: VN076776.D

Acq: 22 Feb 2023 17:16

Tgt Ion: 75 Resp: 10535

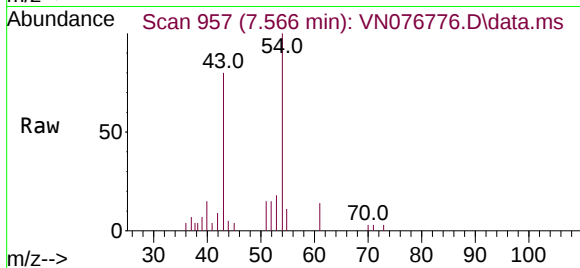
Ion	Ratio	Lower	Upper
75	100		
110	33.5	17.5	52.5
77	34.7	24.5	36.7





#37
Ethyl Acetate
Concen: 3.169 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

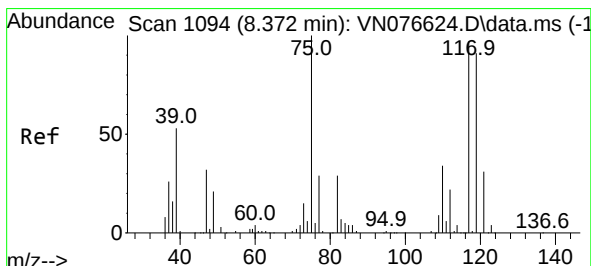
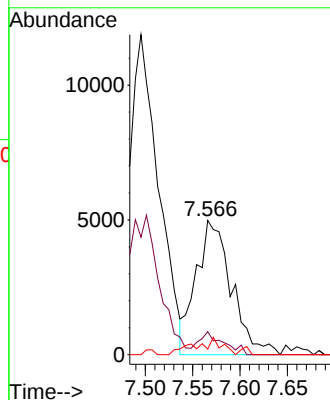
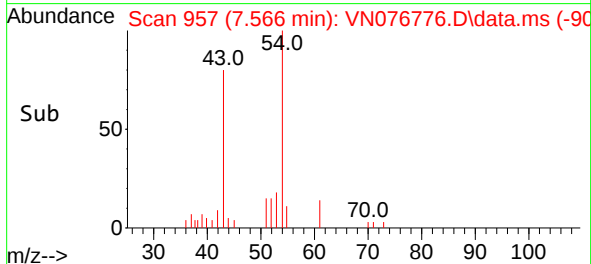
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 43 Resp: 12979
Ion Ratio Lower Upper
43 100
61 11.6 9.9 14.9
70 5.8 7.8 11.6

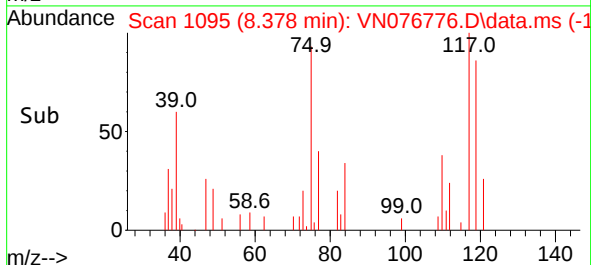
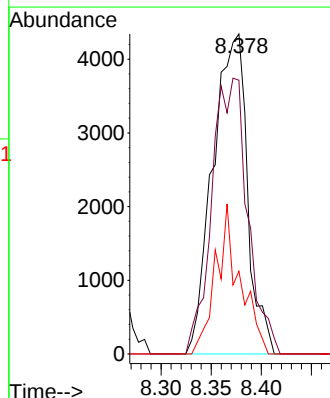
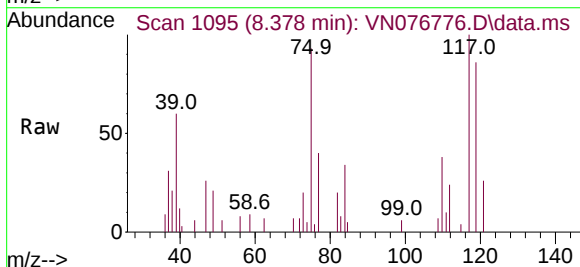
Manual Integrations
APPROVED

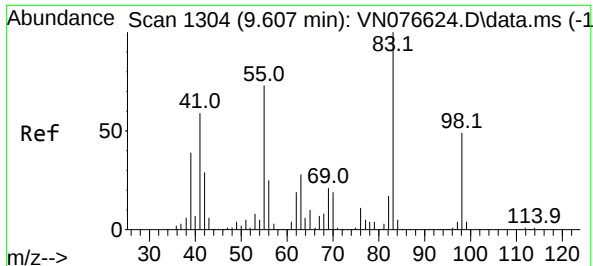
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#38
Carbon Tetrachloride
Concen: 2.652 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

Tgt Ion:117 Resp: 10415
Ion Ratio Lower Upper
117 100
119 85.5 75.4 113.0
121 25.9 26.0 39.0#





#39

Methylcyclohexane

Concen: 2.539 ug/l

RT: 9.607 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VN076776.D

Acq: 22 Feb 2023 17:16

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

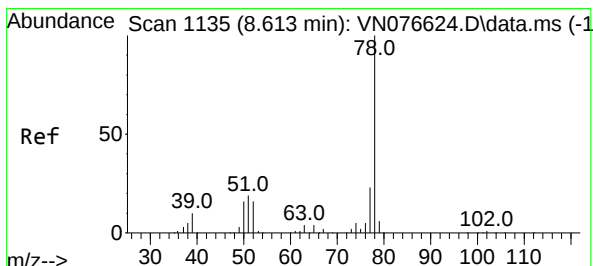
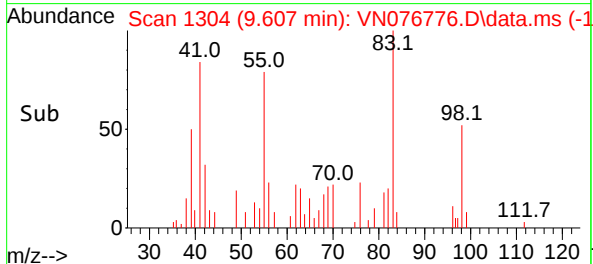
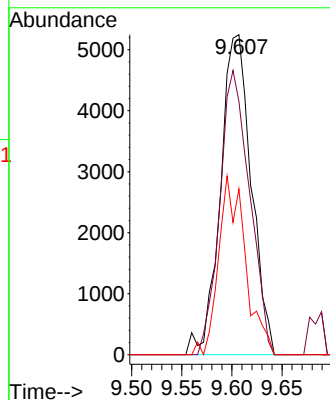
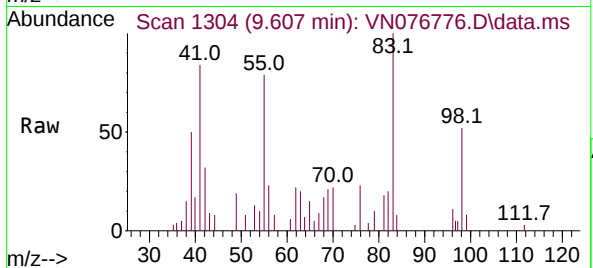
Tgt Ion: 83	Resp: 1123
Ion Ratio	Lower Upper
83	100
55	79.1 58.6 88.0
98	51.8 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#40

Benzene

Concen: 2.797 ug/l

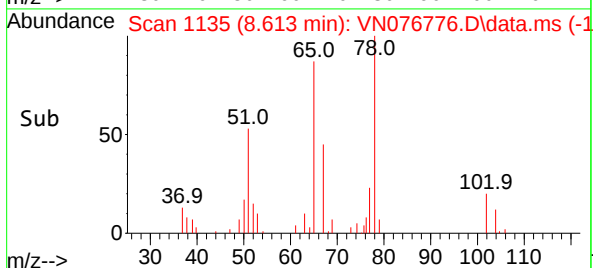
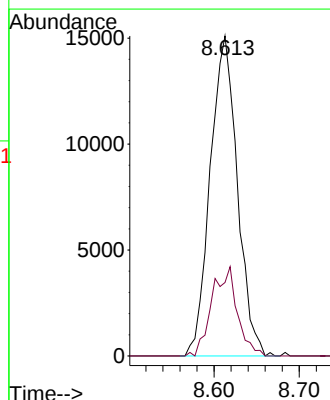
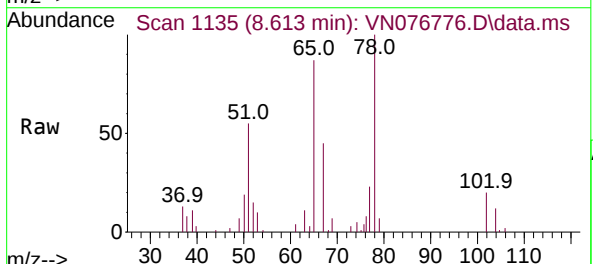
RT: 8.613 min Scan# 1135

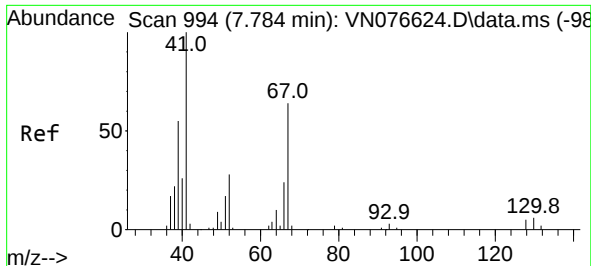
Delta R.T. -0.000 min

Lab File: VN076776.D

Acq: 22 Feb 2023 17:16

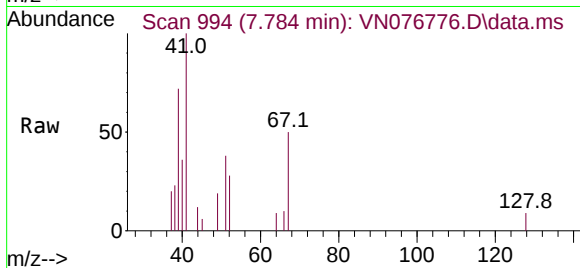
Tgt Ion: 78	Resp: 33435
Ion Ratio	Lower Upper
78	100
77	23.0 18.2 27.4





#41
Methacrylonitrile
Concen: 2.747 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

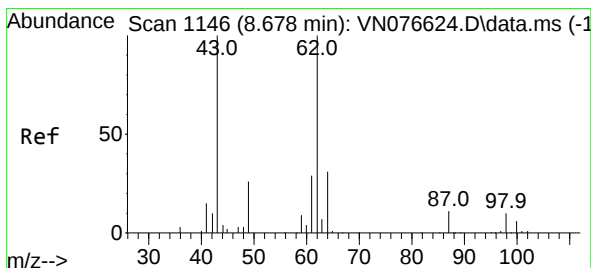
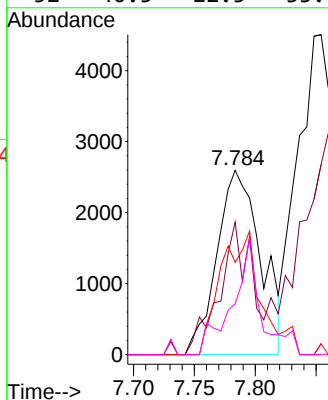
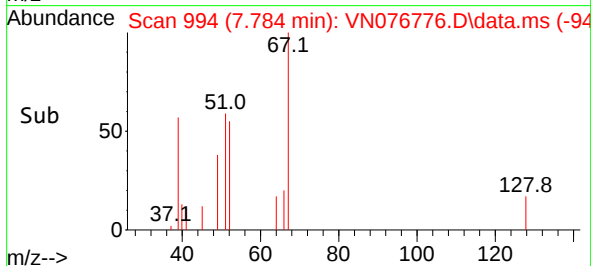
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2023



Tgt Ion: 41 Resp: 651
Ion Ratio Lower Upper
41 100
39 52.7 42.6 63.8
67 61.7 51.4 77.0
52 40.5 22.5 33.7#

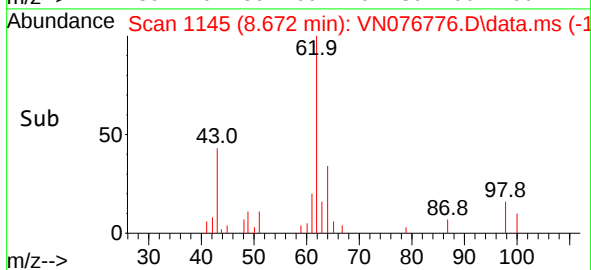
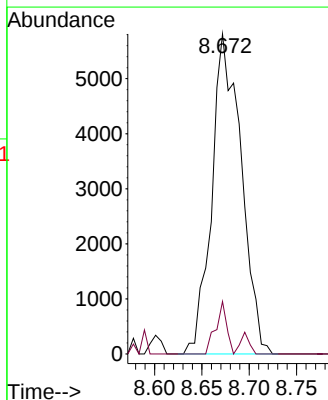
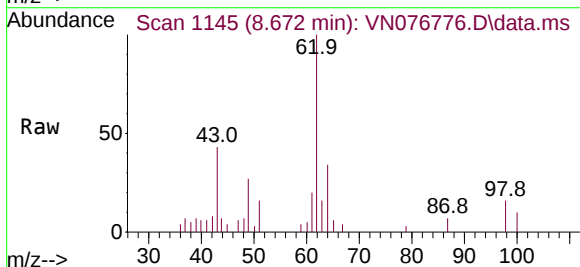
Manual Integrations
APPROVED

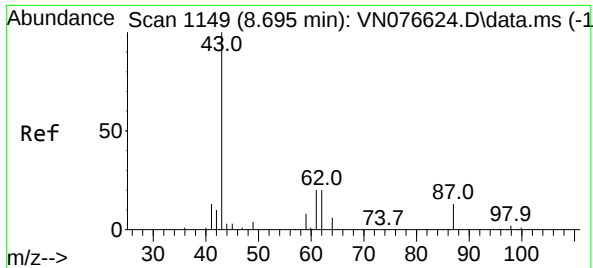
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#42
1,2-Dichloroethane
Concen: 3.011 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

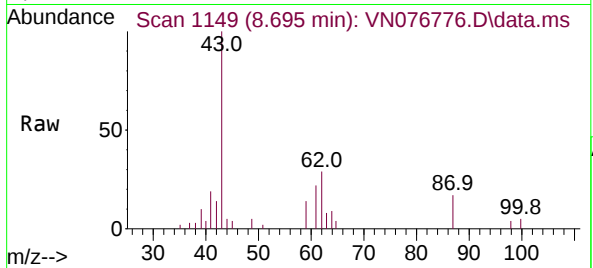
Tgt Ion: 62 Resp: 12554
Ion Ratio Lower Upper
62 100
98 6.1 0.0 19.2





#43
Isopropyl Acetate
Concen: 2.896 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

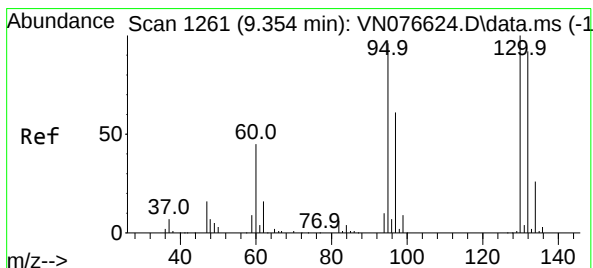
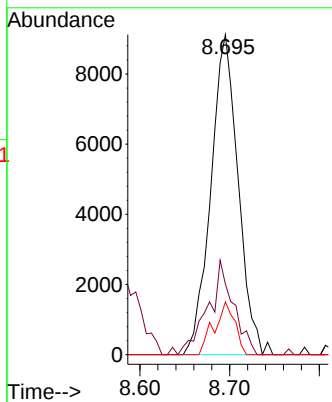
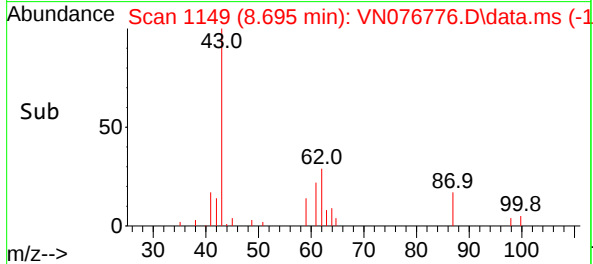
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2023



Tgt Ion: 43 Resp: 19300
Ion Ratio Lower Upper
43 100
61 27.9 20.0 30.0
87 12.4 9.9 14.9

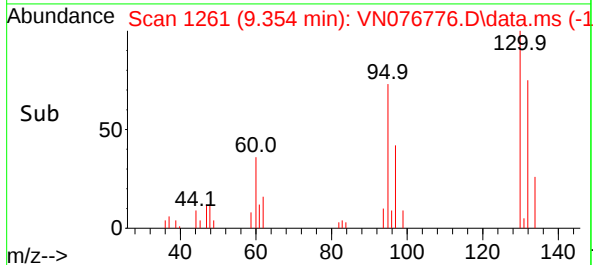
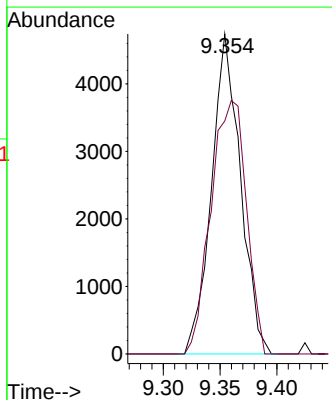
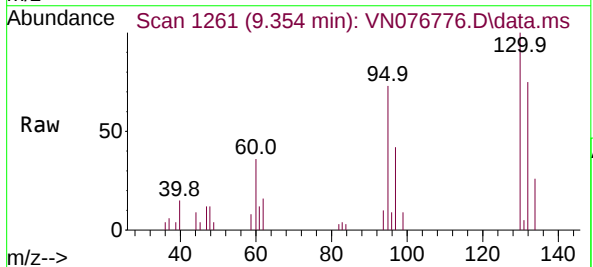
Manual Integrations
APPROVED

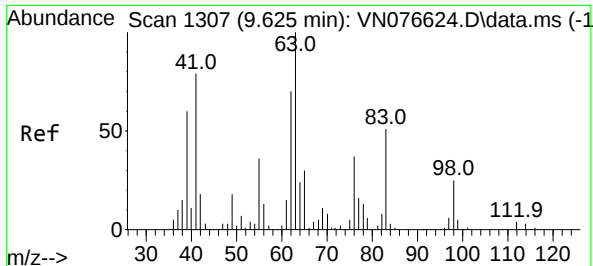
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#44
Trichloroethene
Concen: 2.973 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

Tgt Ion:130 Resp: 8398
Ion Ratio Lower Upper
130 100
95 72.8 0.0 191.4





#45

1,2-Dichloropropane

Concen: 2.821 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076776.D

Acq: 22 Feb 2023 17:16

Instrument :

MSVOA_N

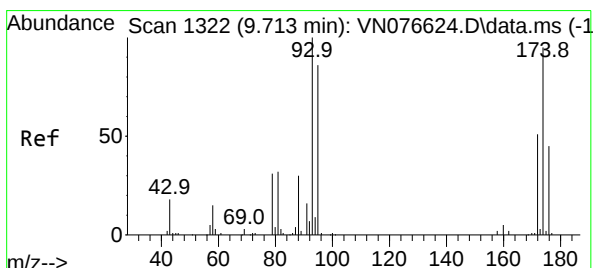
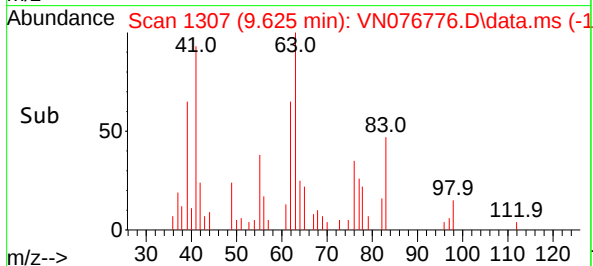
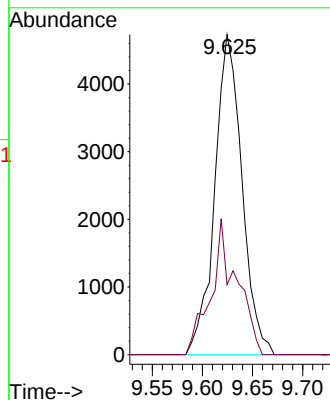
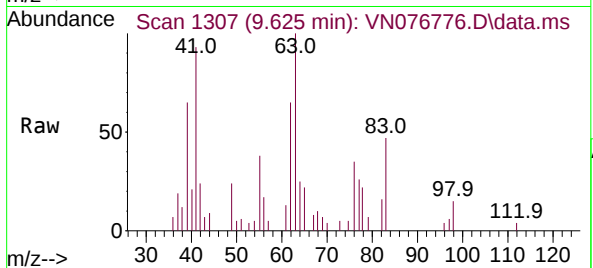
ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion: 63 Resp: 8925
 Ion Ratio Lower Upper
 63 100
 65 21.9 24.2 36.25

Manual Integrations
 APPROVED

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



#46

Dibromomethane

Concen: 2.978 ug/l

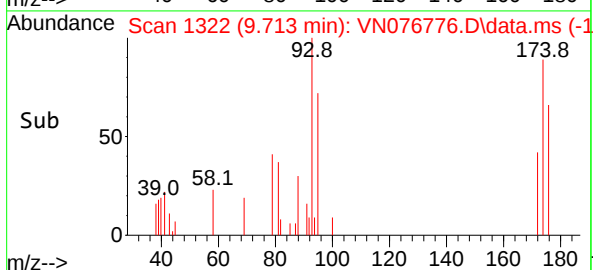
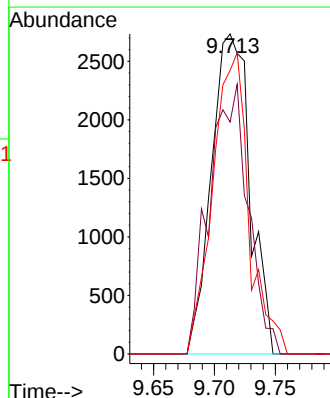
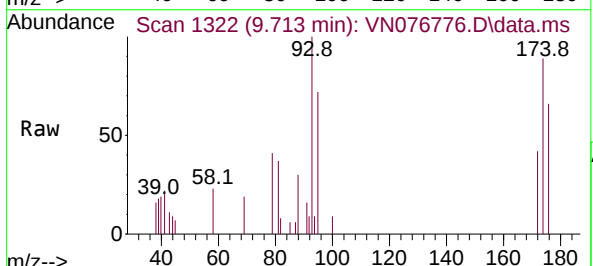
RT: 9.713 min Scan# 1322

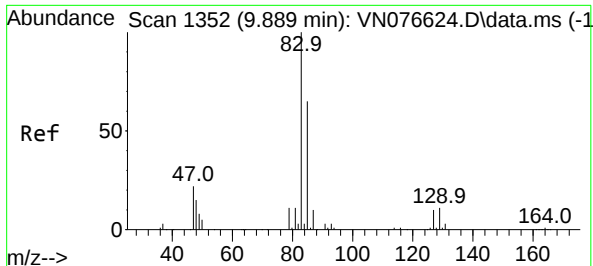
Delta R.T. -0.000 min

Lab File: VN076776.D

Acq: 22 Feb 2023 17:16

Tgt Ion: 93 Resp: 6025
 Ion Ratio Lower Upper
 93 100
 95 84.8 66.0 99.0
 174 88.0 75.8 113.8





#47

Bromodichloromethane

Concen: 2.529 ug/l

RT: 9.883 min Scan# 1352

Delta R.T. -0.006 min

Lab File: VN076776.D

Acq: 22 Feb 2023 17:16

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

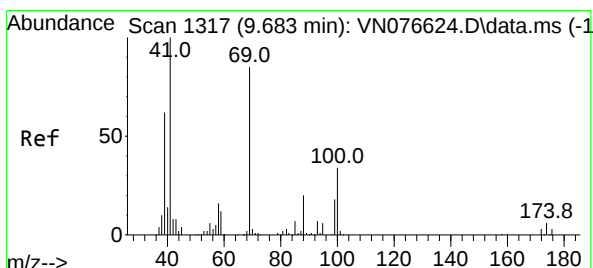
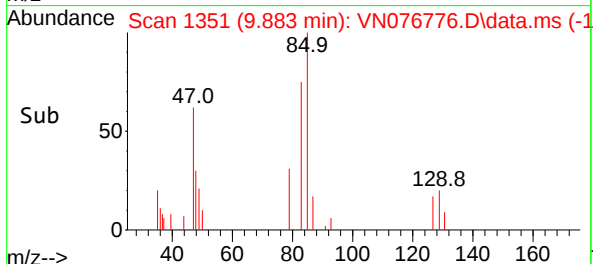
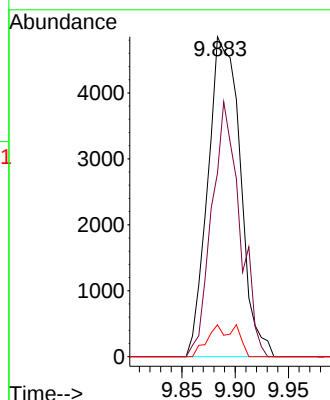
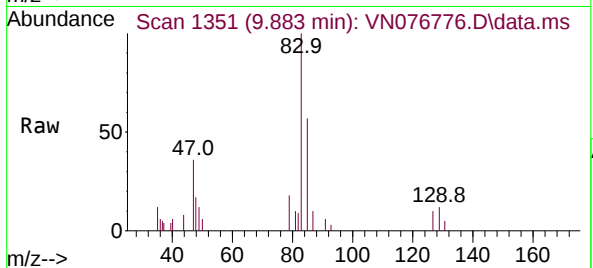
Tgt Ion:	83	Resp:	1025
Ion Ratio	Lower	Upper	
83	100		
85	57.3	51.8	77.6
127	9.9	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#48

Methyl methacrylate

Concen: 2.772 ug/l

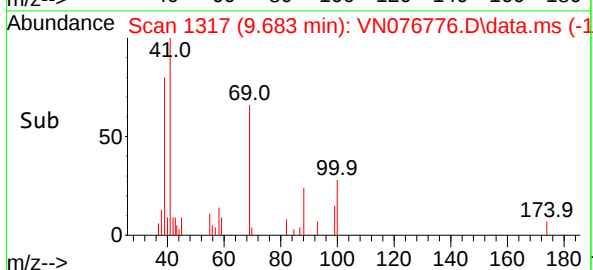
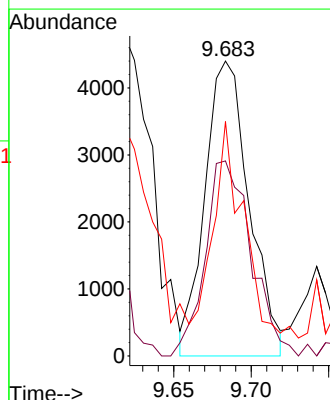
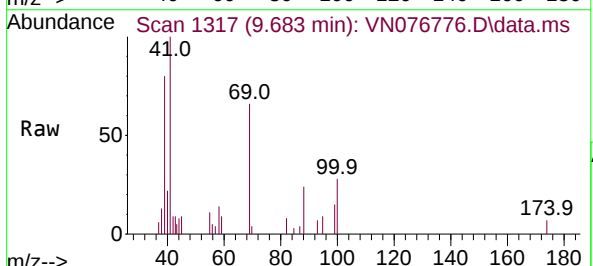
RT: 9.683 min Scan# 1317

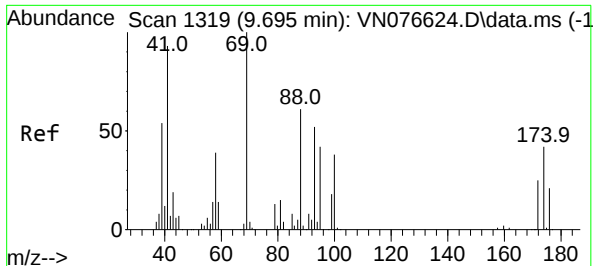
Delta R.T. 0.000 min

Lab File: VN076776.D

Acq: 22 Feb 2023 17:16

Tgt Ion:	41	Resp:	8767
Ion Ratio	Lower	Upper	
41	100		
69	68.6	65.4	98.0
39	62.8	49.3	73.9





#49

1,4-Dioxane

Concen: 55.595 ug/l

RT: 9.689 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN076776.D

Acq: 22 Feb 2023 17:16

Instrument :

MSVOA_N

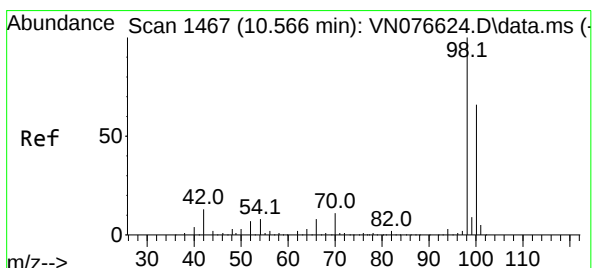
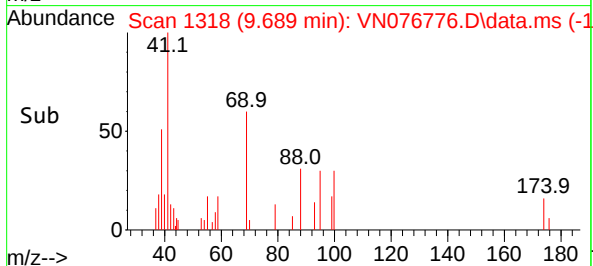
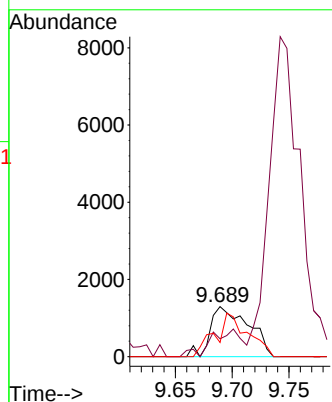
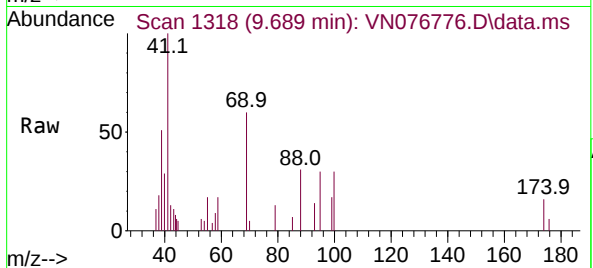
ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion: 88	Resp: 304
Ion Ratio	Lower Upper
88 100	
43 43.8	22.6 33.8
58 74.4	57.6 86.4

Manual Integrations
APPROVED

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



#50

Toluene-d8

Concen: 53.708 ug/l

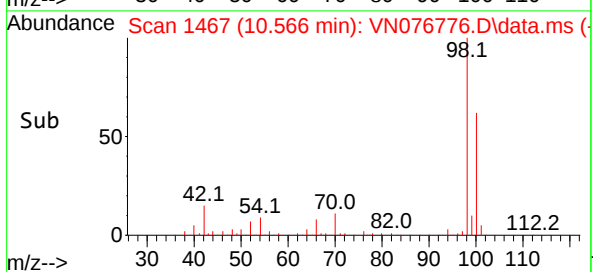
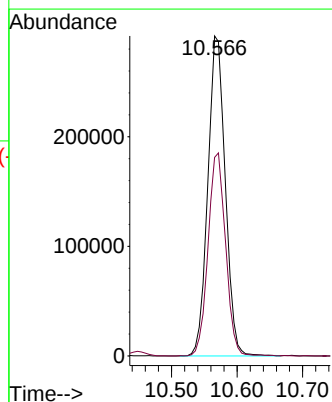
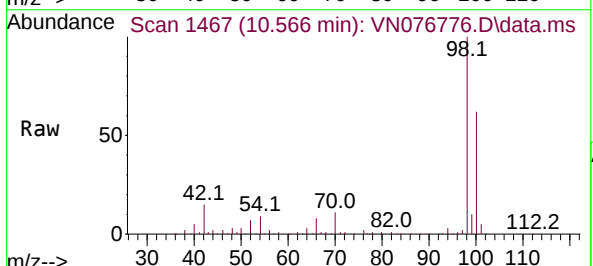
RT: 10.566 min Scan# 1467

Delta R.T. -0.000 min

Lab File: VN076776.D

Acq: 22 Feb 2023 17:16

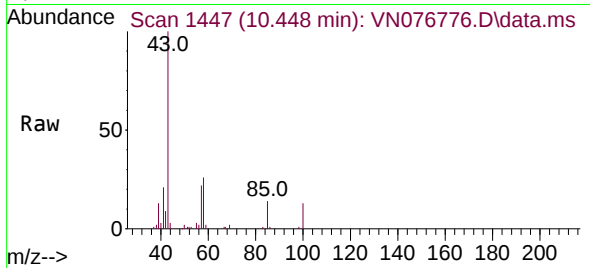
Tgt Ion: 98	Resp: 540342
Ion Ratio	Lower Upper
98 100	
100 63.6	52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 14.529 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

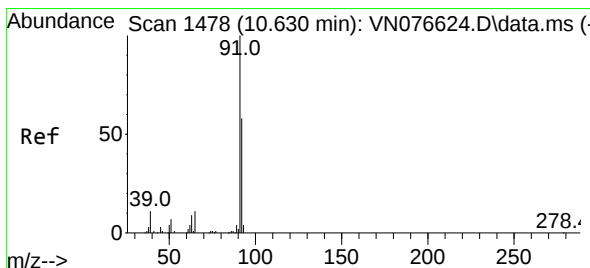
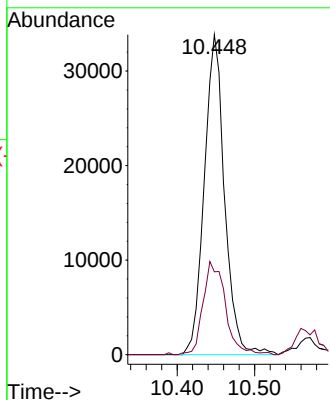
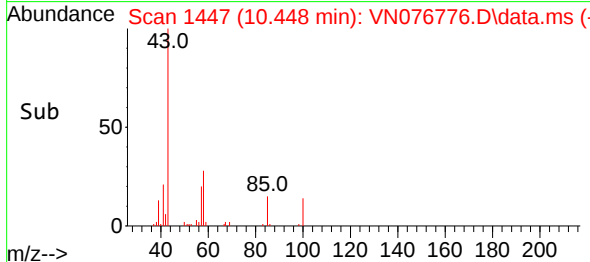
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023



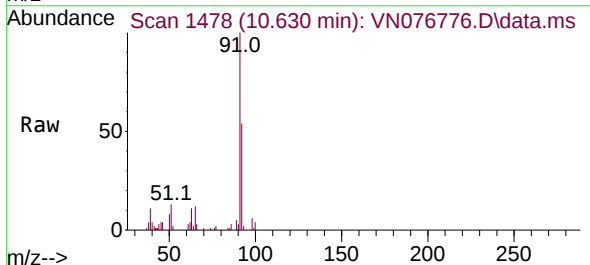
Tgt Ion: 43 Resp: 6160
Ion Ratio Lower Upper
43 100
58 32.1 29.5 44.3

Manual Integrations
APPROVED

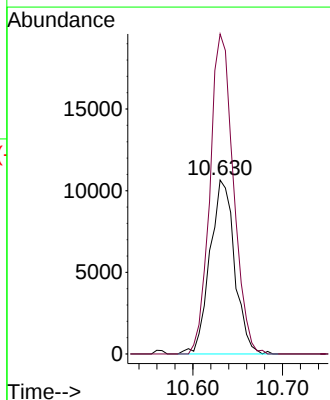
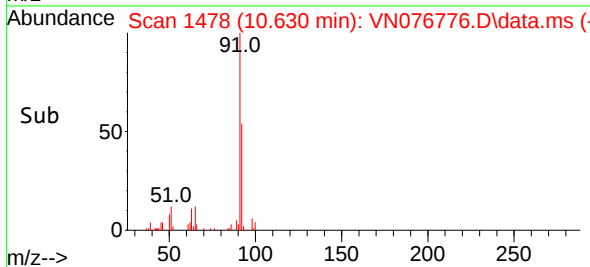
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

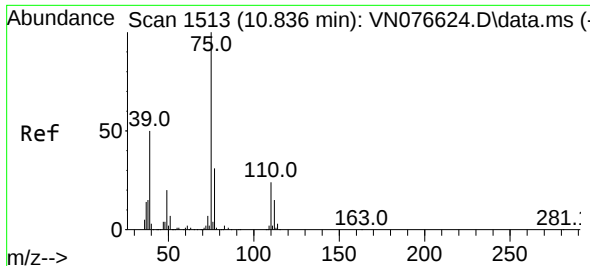


#52
Toluene
Concen: 2.811 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16



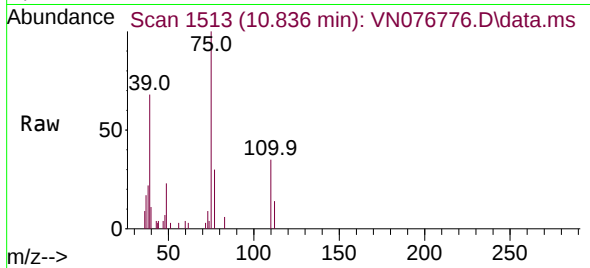
Tgt Ion: 92 Resp: 20285
Ion Ratio Lower Upper
92 100
91 175.9 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 2.642 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

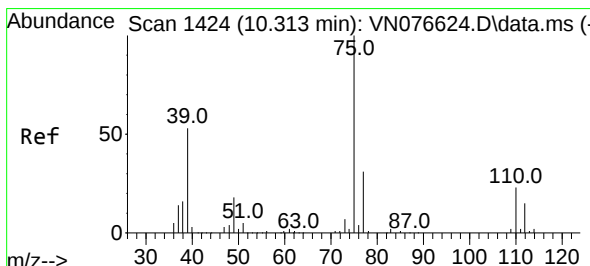
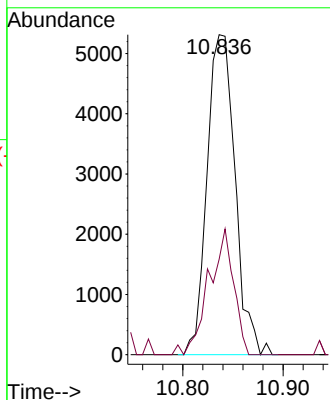
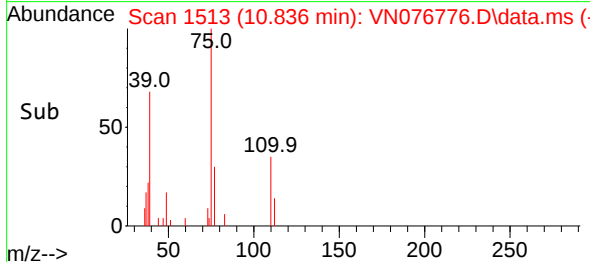
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023



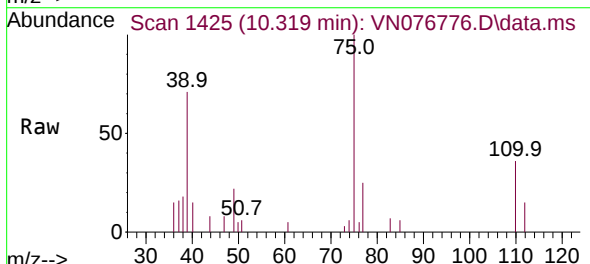
Tgt Ion: 75 Resp: 10344
Ion Ratio Lower Upper
75 100
77 29.9 24.6 37.0

Manual Integrations
APPROVED

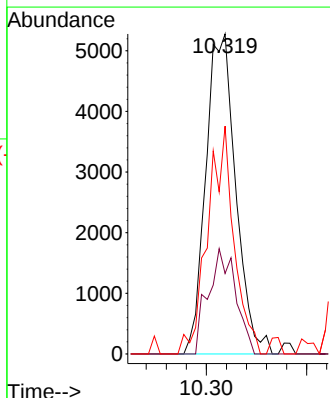
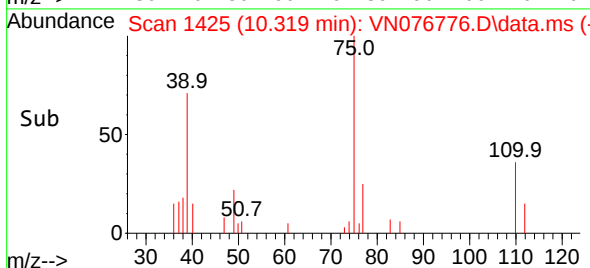
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

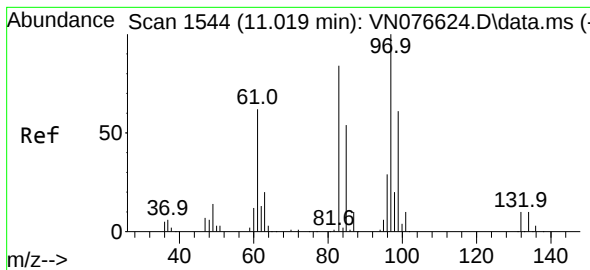


#54
cis-1,3-Dichloropropene
Concen: 2.422 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16



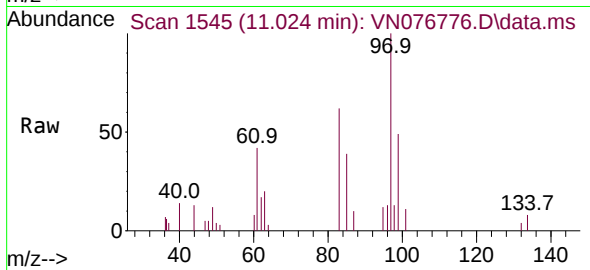
Tgt Ion: 75 Resp: 10934
Ion Ratio Lower Upper
75 100
77 25.2 25.1 37.7
39 71.2 42.3 63.5#





#55
1,1,2-Trichloroethane
Concen: 3.028 ug/l
RT: 11.024 min Scan# 1545
Delta R.T. 0.005 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

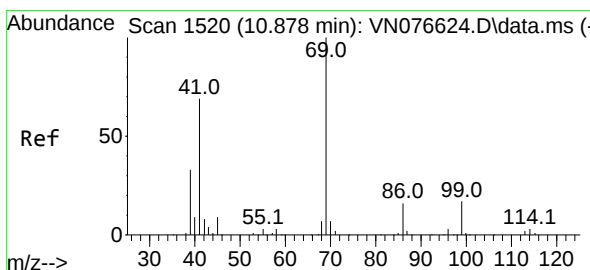
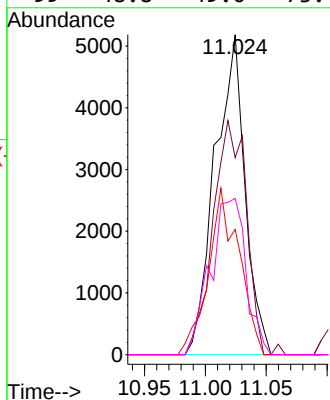
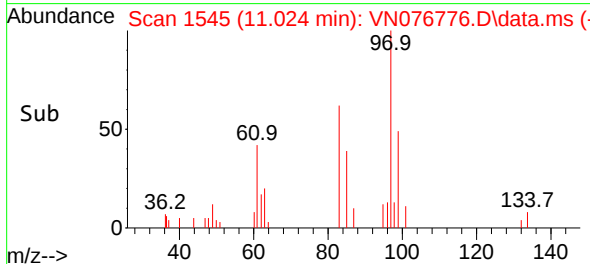
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2023



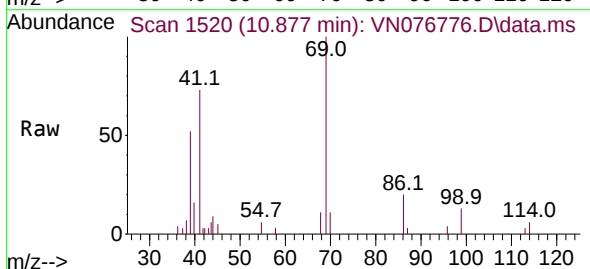
Tgt Ion: 97 Resp: 888
Ion Ratio Lower Upper
97 100
83 61.6 67.3 100.9
85 39.1 43.2 64.8
99 48.8 49.0 73.4

Manual Integrations
APPROVED

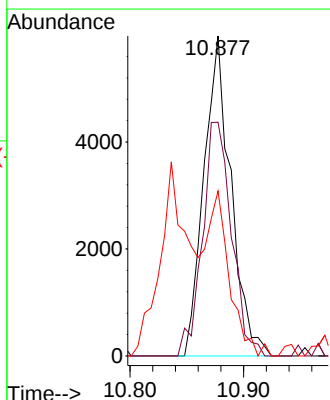
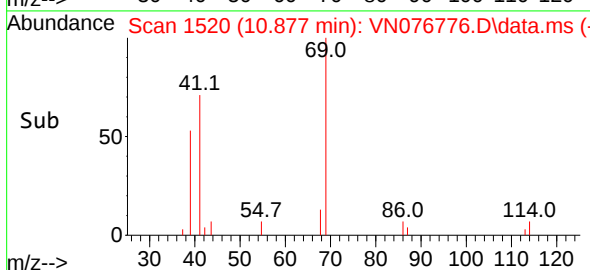
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

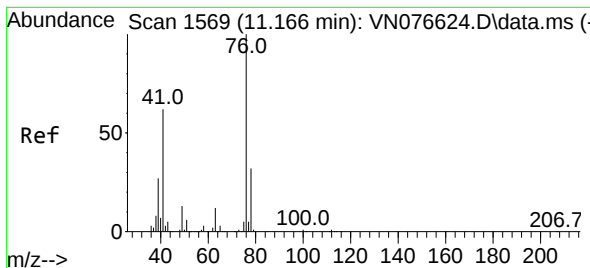


#56
Ethyl methacrylate
Concen: 2.394 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16



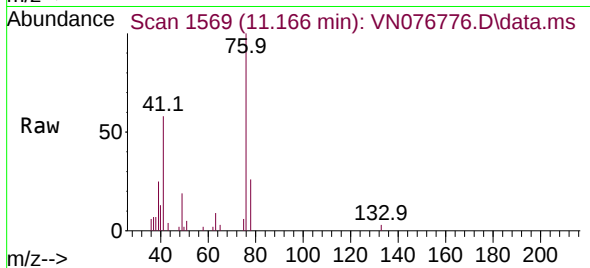
Tgt Ion: 69 Resp: 9888
Ion Ratio Lower Upper
69 100
41 78.6 55.1 82.7
39 44.8 30.7 46.1





#57
1,3-Dichloropropane
Concen: 2.994 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

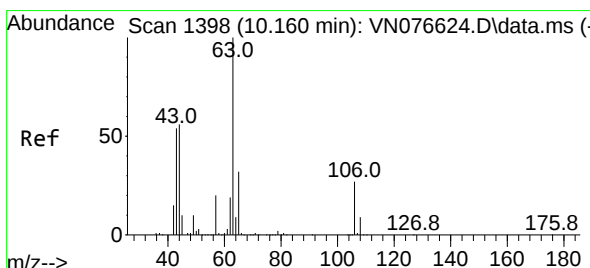
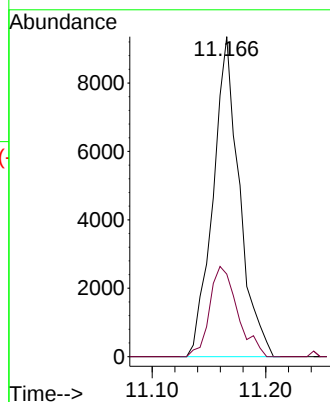
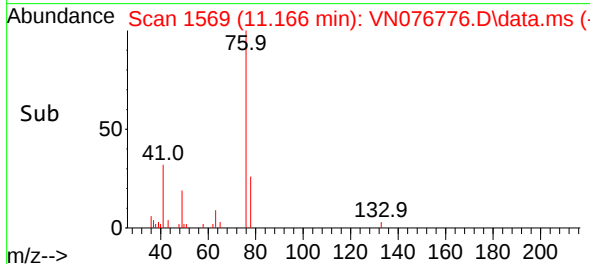
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2023



Tgt Ion: 76 Resp: 1509
Ion Ratio Lower Upper
76 100
78 29.7 26.1 39.1

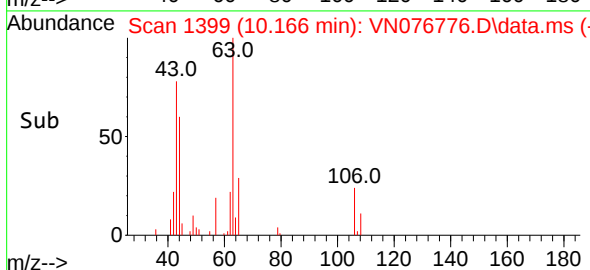
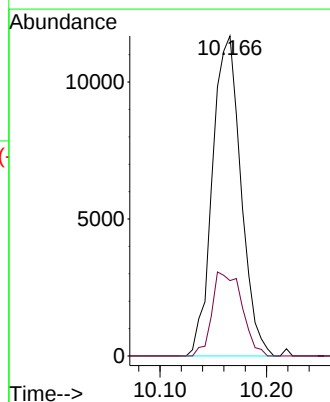
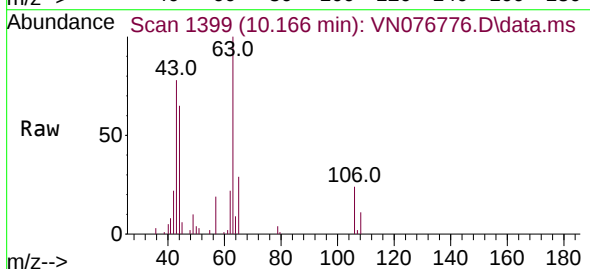
Manual Integrations
APPROVED

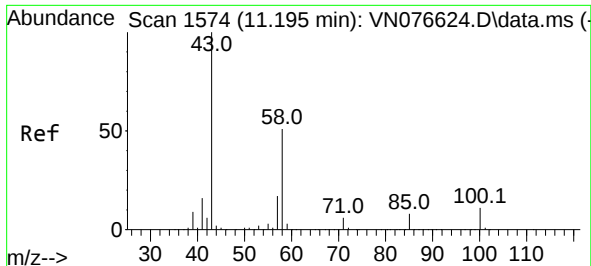
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#58
2-Chloroethyl Vinyl ether
Concen: 11.478 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

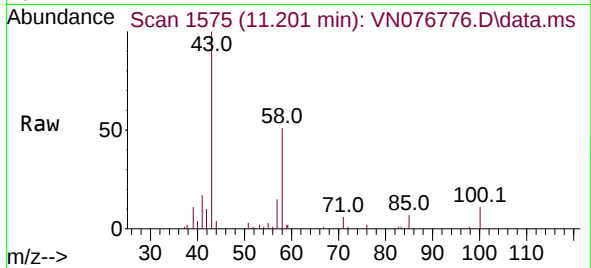
Tgt Ion: 63 Resp: 21713
Ion Ratio Lower Upper
63 100
106 27.5 22.3 33.5





#59
2-Hexanone
Concen: 13.397 ug/l
RT: 11.201 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

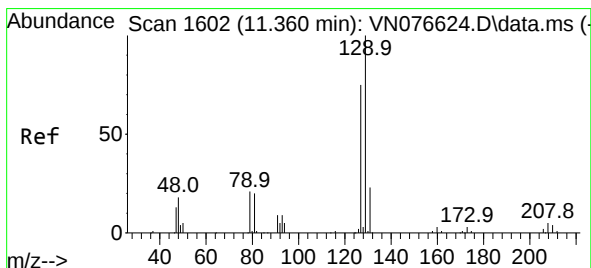
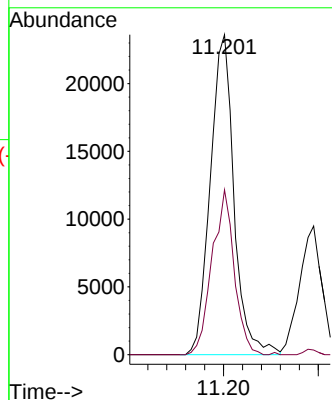
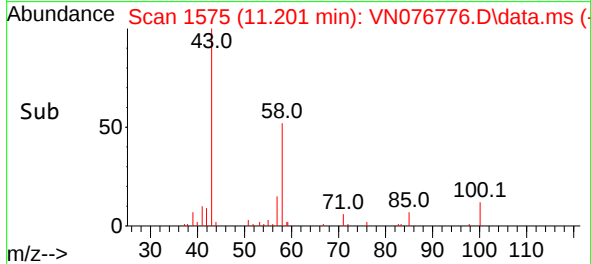
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 43 Resp: 40950
Ion Ratio Lower Upper
43 100
58 48.2 25.4 76.0

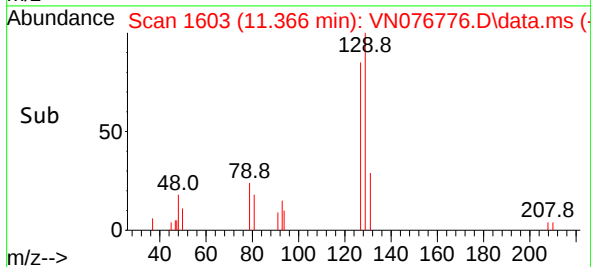
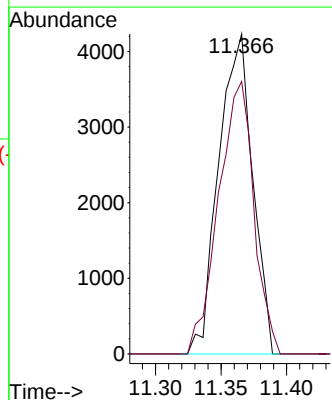
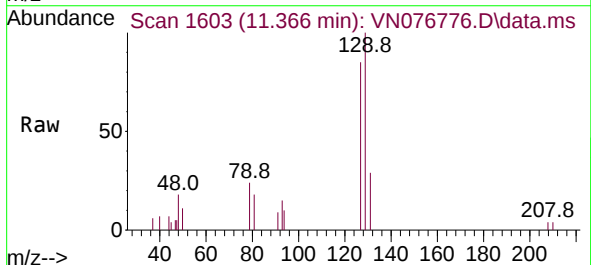
Manual Integrations
APPROVED

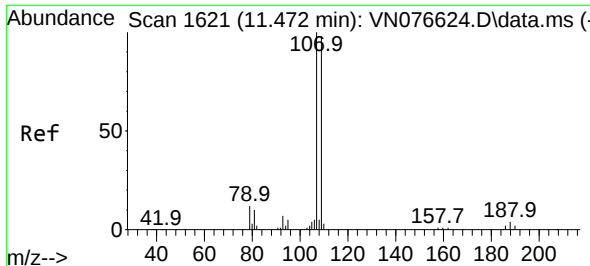
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#60
Dibromochloromethane
Concen: 2.464 ug/l
RT: 11.366 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

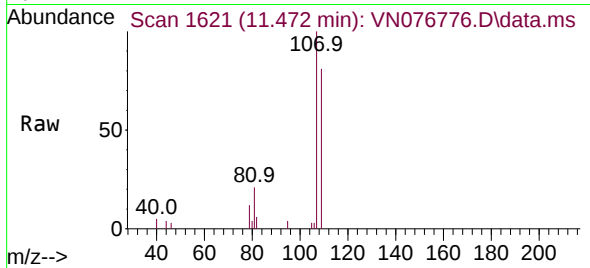
Tgt Ion:129 Resp: 7620
Ion Ratio Lower Upper
129 100
127 88.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 2.679 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

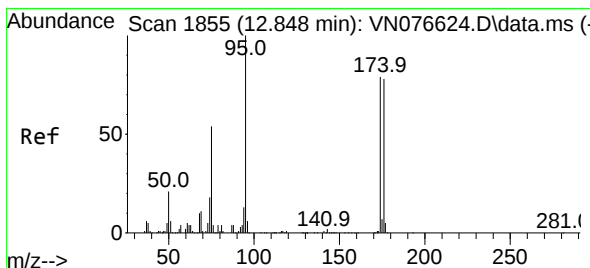
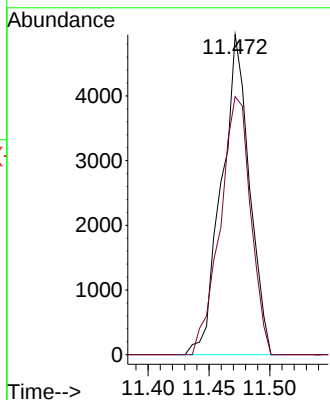
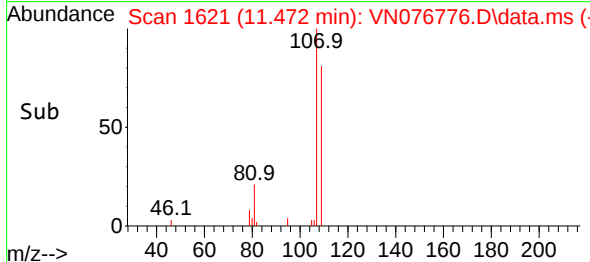
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2023



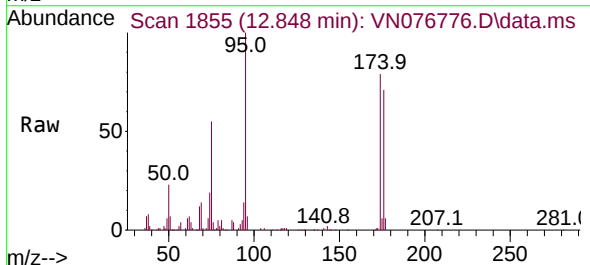
Tgt Ion:107 Resp: 7870
Ion Ratio Lower Upper
107 100
109 88.3 76.8 115.2

Manual Integrations
APPROVED

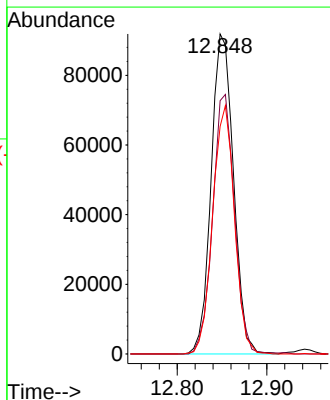
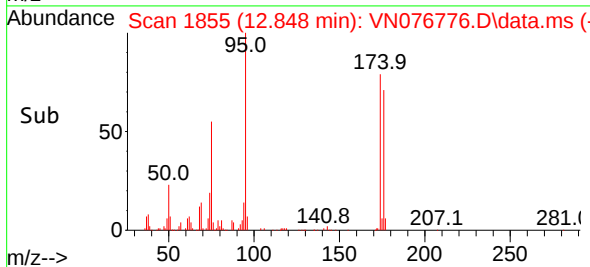
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

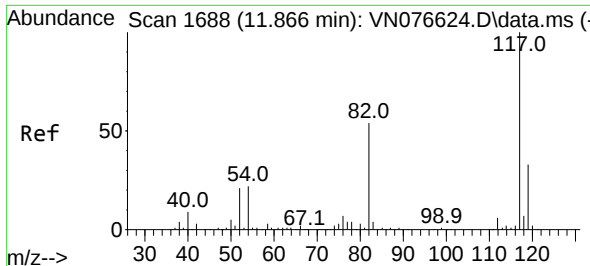


#62
4-Bromofluorobenzene
Concen: 47.680 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16



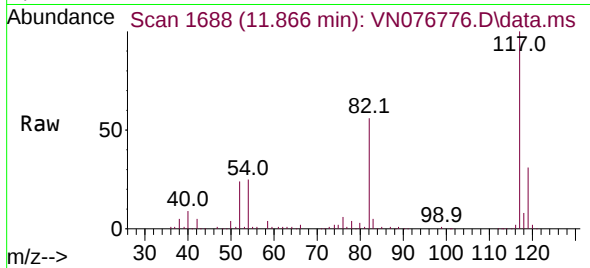
Tgt Ion: 95 Resp: 158877
Ion Ratio Lower Upper
95 100
174 79.4 0.0 169.2
176 75.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

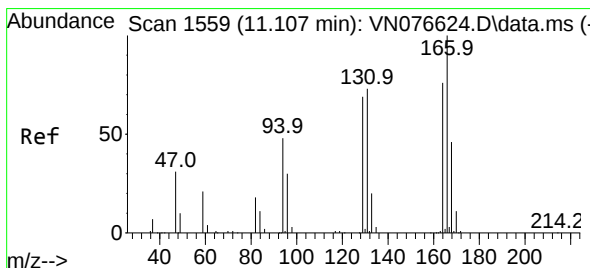
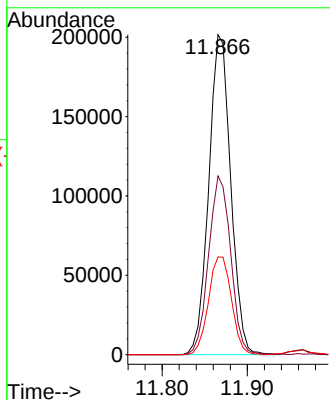
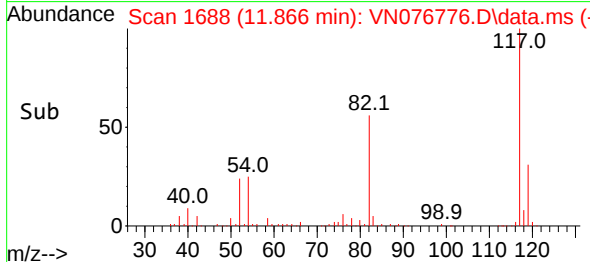
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:117 Resp: 361198
Ion Ratio Lower Upper
117 100
82 55.8 43.4 65.2
119 30.6 26.1 39.1

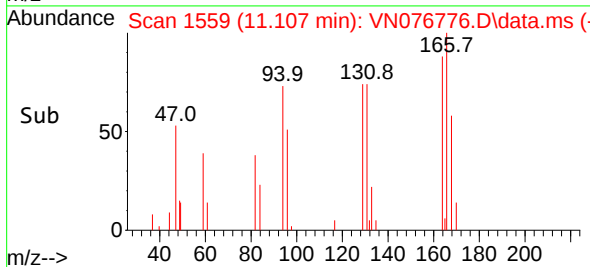
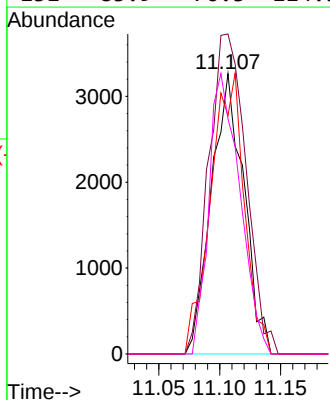
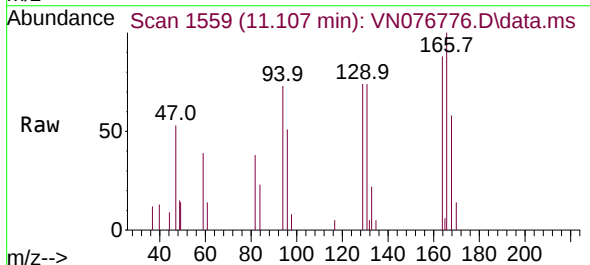
Manual Integrations
APPROVED

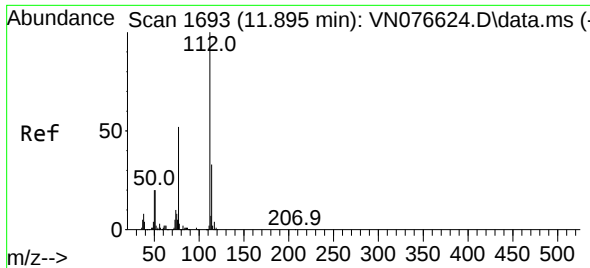
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#64
Tetrachloroethene
Concen: 2.672 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

Tgt Ion:164 Resp: 6082
Ion Ratio Lower Upper
164 100
166 114.2 104.8 157.2
129 85.0 72.2 108.2
131 83.9 76.3 114.5





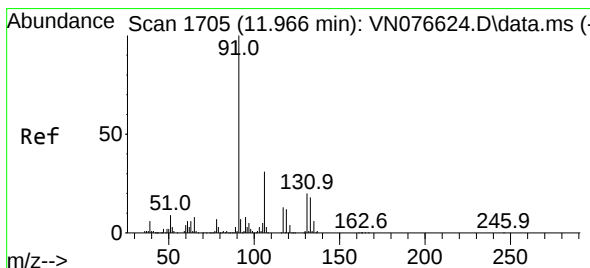
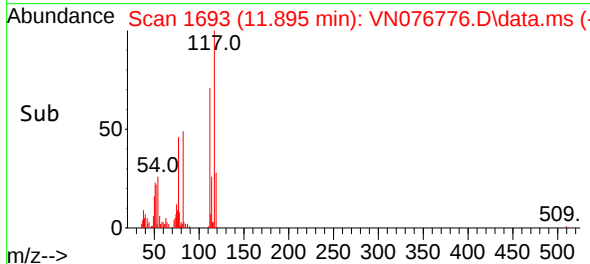
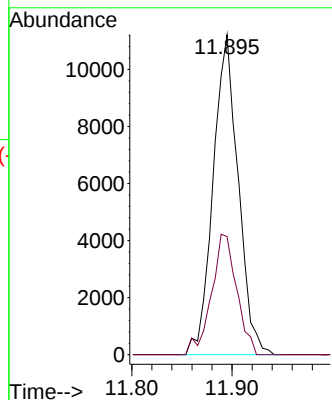
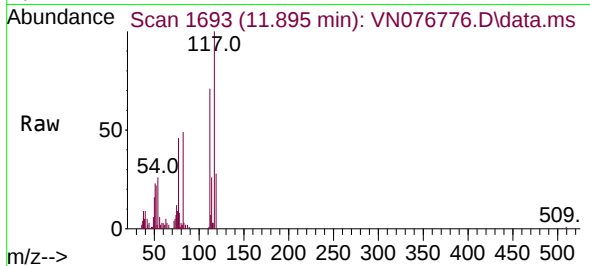
#65
Chlorobenzene
Concen: 2.546 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

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

Tgt Ion:112 Resp: 1949
Ion Ratio Lower Upper
112 100
114 36.9 26.4 39.6

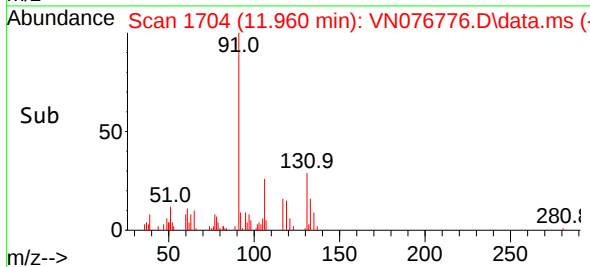
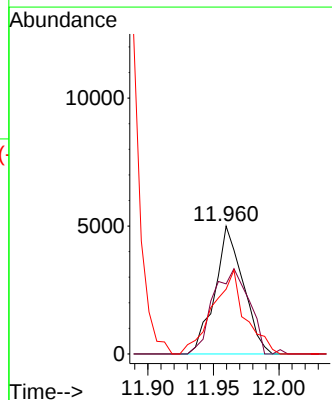
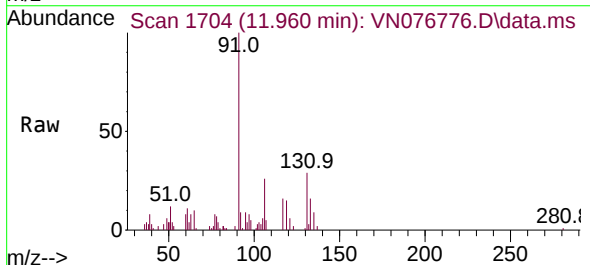
Manual Integrations
APPROVED

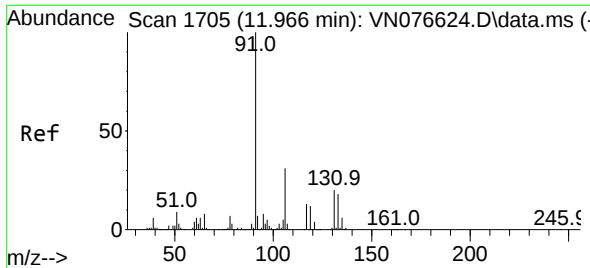
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 2.686 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

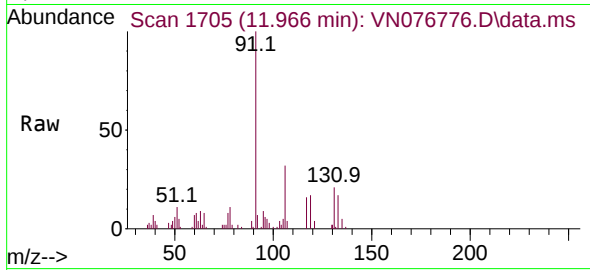
Tgt Ion:131 Resp: 7467
Ion Ratio Lower Upper
131 100
133 85.0 47.0 141.0
119 75.3 32.3 96.8





#67
Ethyl Benzene
Concen: 2.508 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

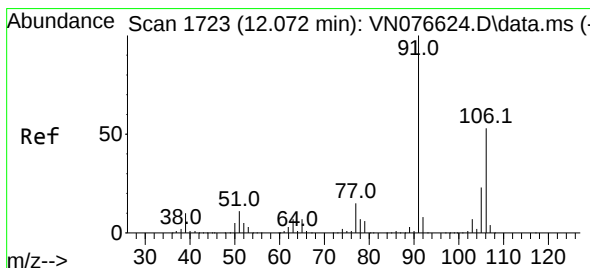
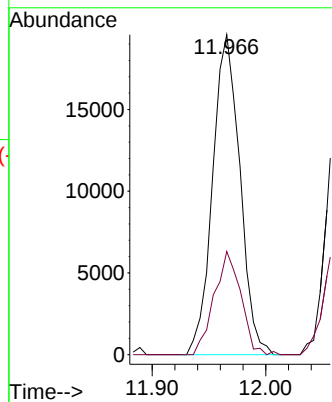
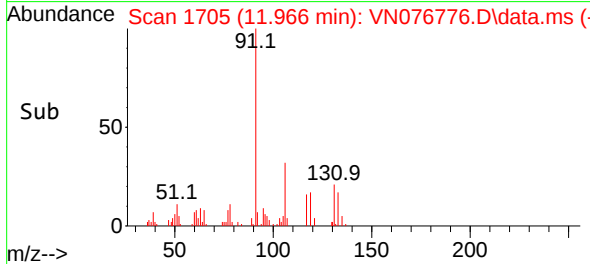
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023



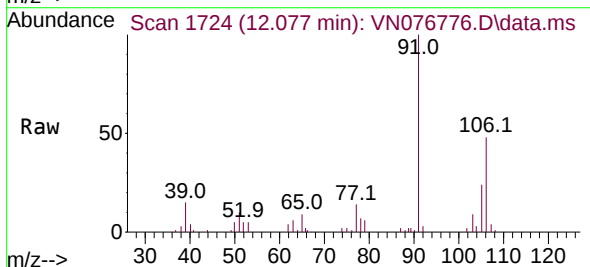
Tgt Ion: 91 Resp: 3270
Ion Ratio Lower Upper
91 100
106 32.3 25.1 37.7

Manual Integrations
APPROVED

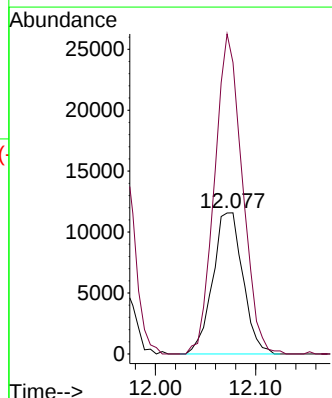
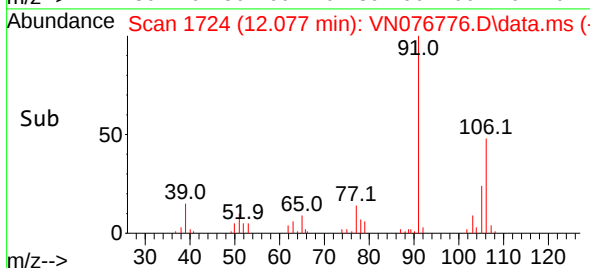
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

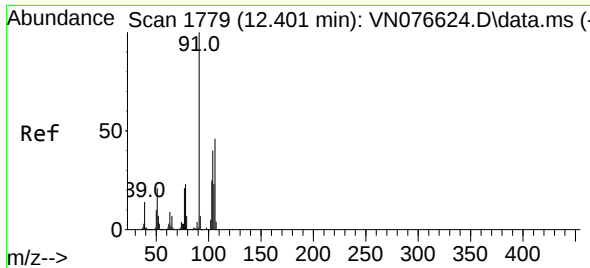


#68
m/p-Xylenes
Concen: 4.809 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.005 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16



Tgt Ion:106 Resp: 24175
Ion Ratio Lower Upper
106 100
91 208.9 154.7 232.1





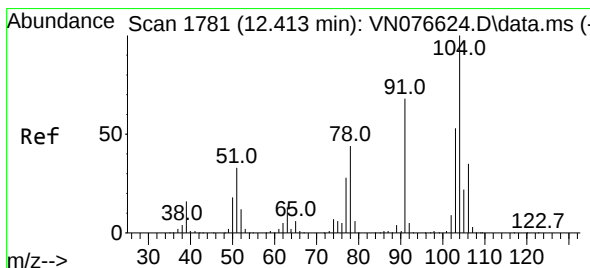
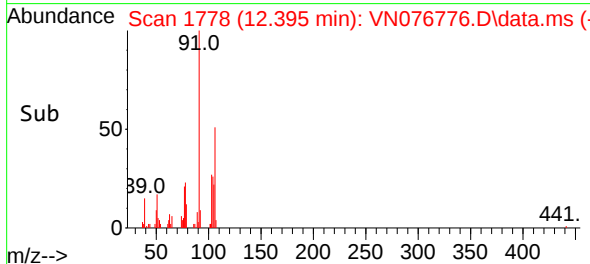
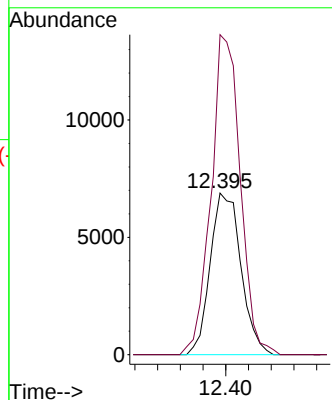
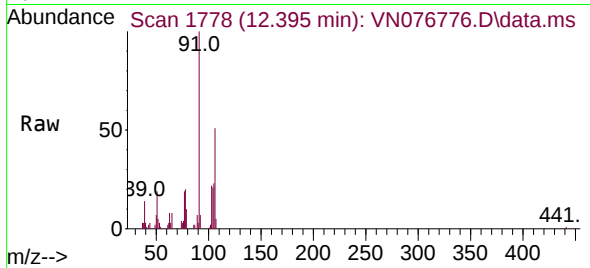
#69
o-Xylene
Concen: 2.636 ug/l
RT: 12.395 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

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

Tgt Ion:106 Resp: 1292
Ion Ratio Lower Upper
106 100
91 188.5 105.8 317.4

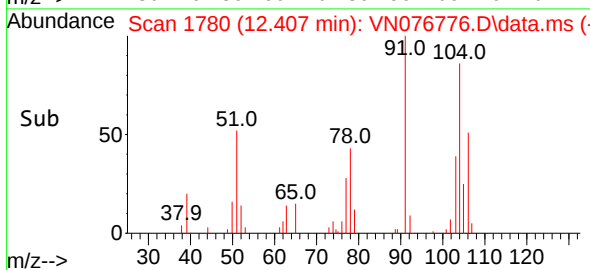
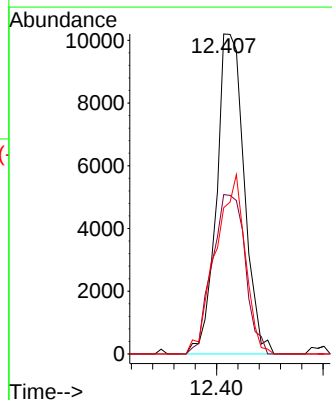
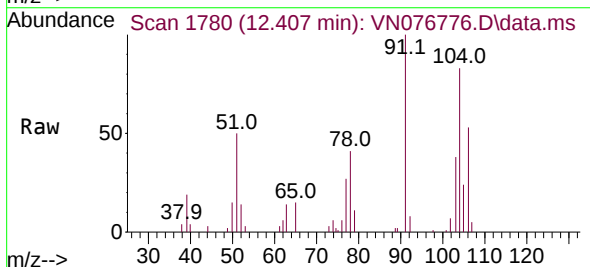
Manual Integrations
APPROVED

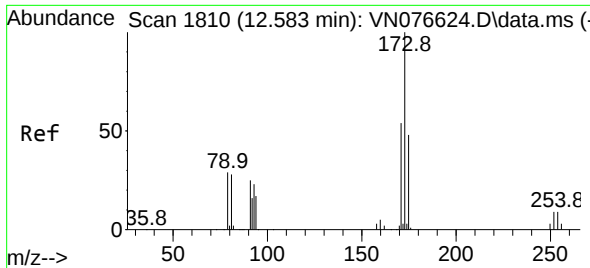
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#70
Styrene
Concen: 2.311 ug/l
RT: 12.407 min Scan# 1780
Delta R.T. -0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

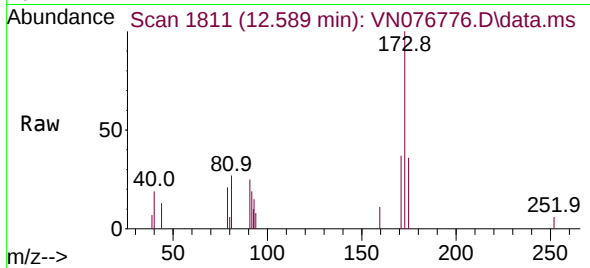
Tgt Ion:104 Resp: 18322
Ion Ratio Lower Upper
104 100
78 59.5 38.2 57.4#
103 60.4 44.2 66.4





#71
Bromoform
Concen: 2.436 ug/l
RT: 12.589 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

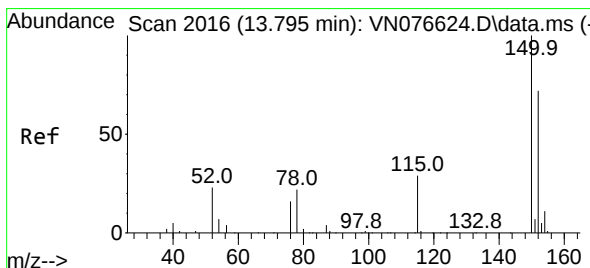
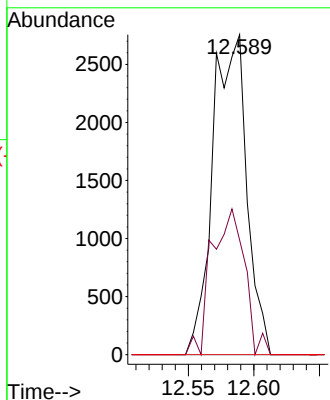
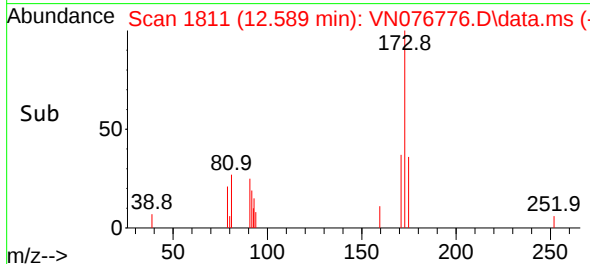
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:173 Resp: 4968
Ion Ratio Lower Upper
173 100
175 44.2 24.9 74.7
254 0.0 0.1 0.1

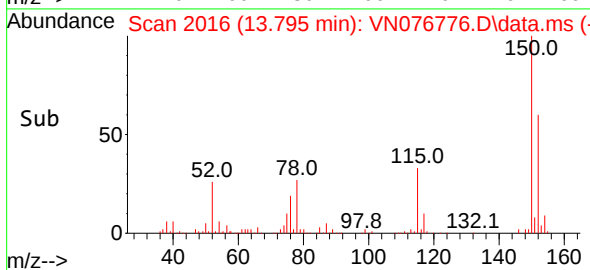
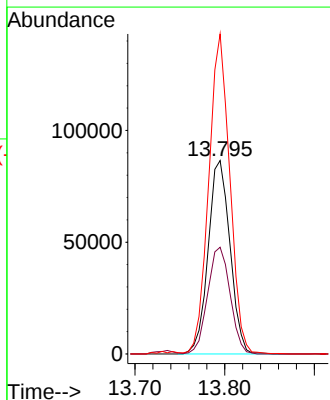
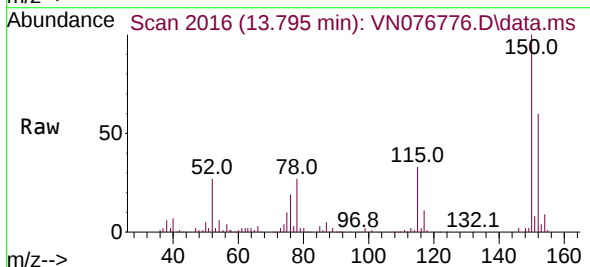
Manual Integrations
APPROVED

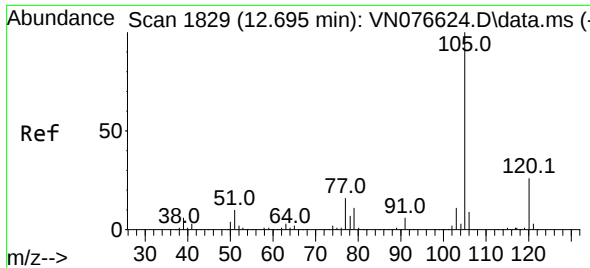
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

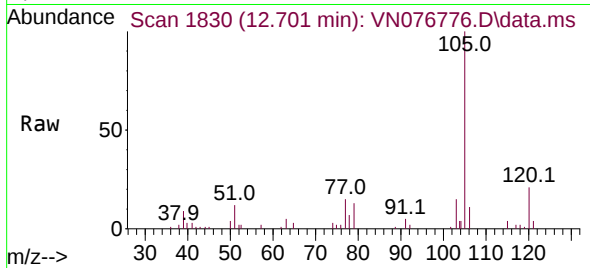
Tgt Ion:152 Resp: 146369
Ion Ratio Lower Upper
152 100
115 56.7 29.3 87.9
150 159.4 0.0 349.8





#73
Isopropylbenzene
Concen: 2.760 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

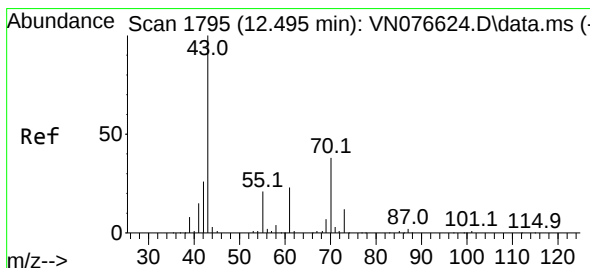
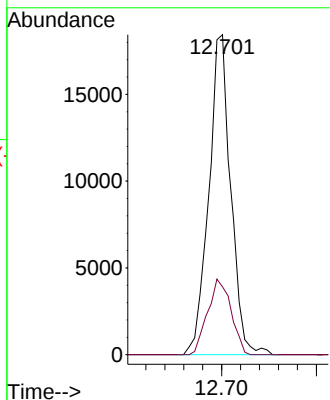
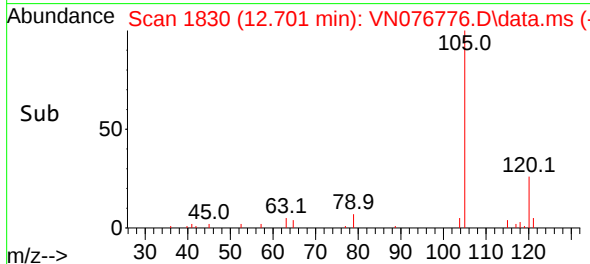
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:105 Resp: 29610
Ion Ratio Lower Upper
105 100
120 25.3 13.7 41.0

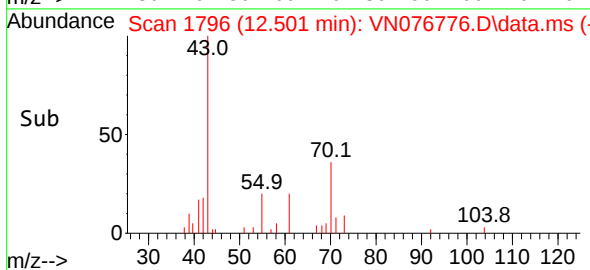
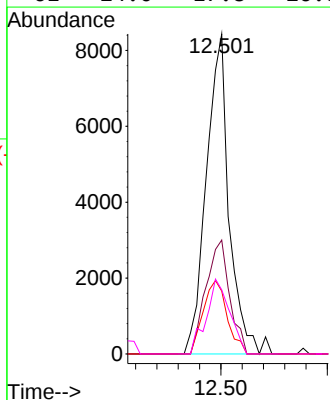
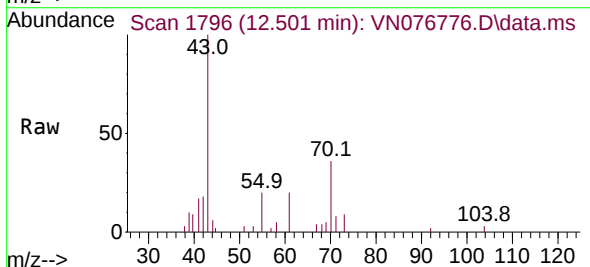
Manual Integrations
APPROVED

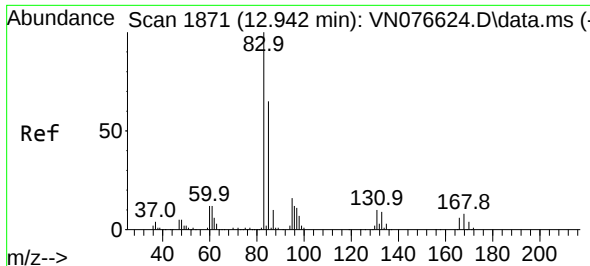
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#74
N-ethyl acetate
Concen: 2.590 ug/l
RT: 12.501 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

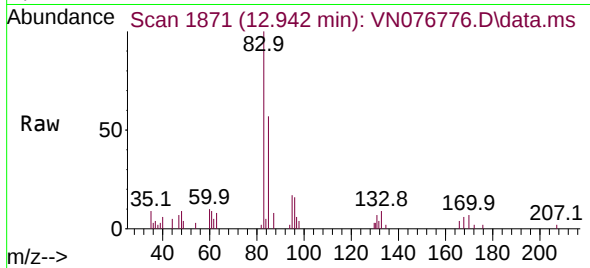
Tgt Ion: 43 Resp: 12525
Ion Ratio Lower Upper
43 100
70 37.0 30.5 45.7
55 24.0 17.8 26.8
61 24.0 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 3.456 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

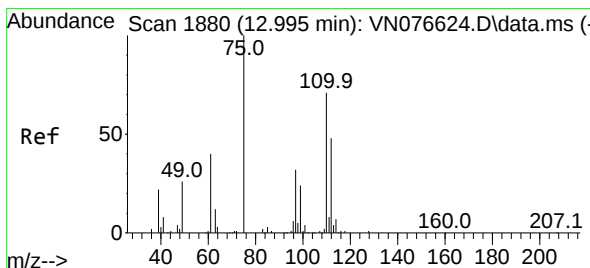
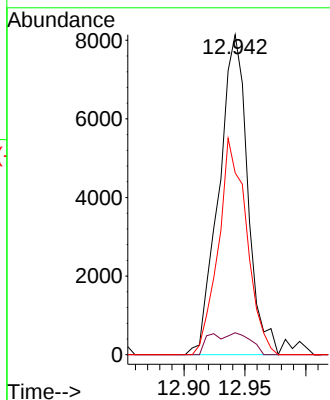
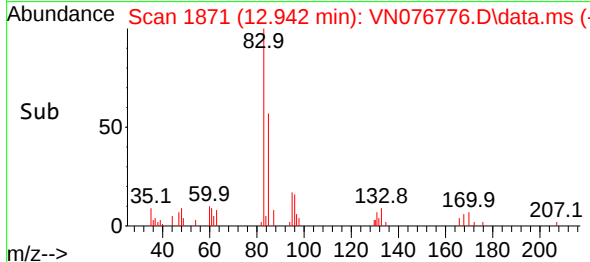
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 83 Resp: 13420
Ion Ratio Lower Upper
83 100
131 3.7 5.0 15.0
85 66.1 31.8 95.3

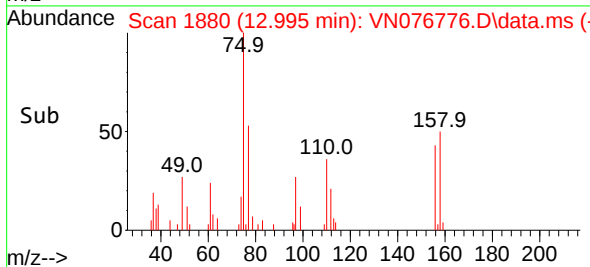
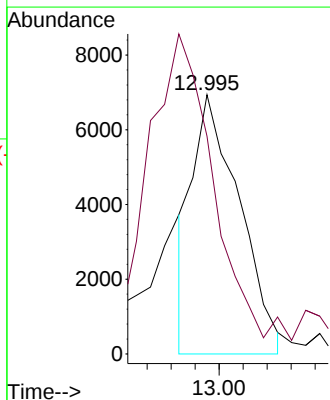
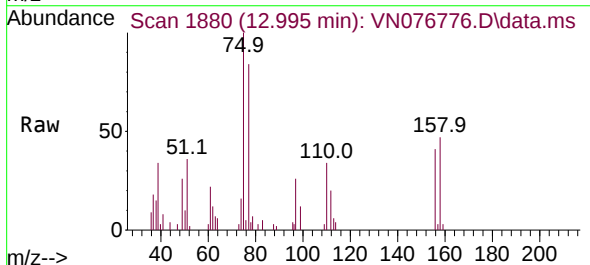
Manual Integrations
APPROVED

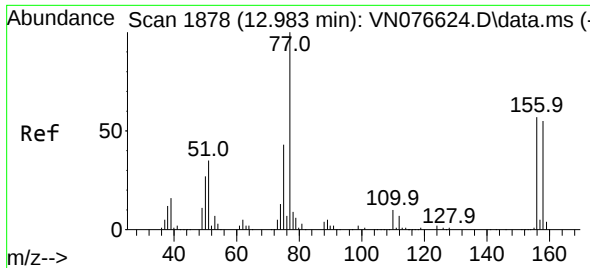
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#76
1,2,3-Trichloropropane
Concen: 3.186 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

Tgt Ion: 75 Resp: 9427
Ion Ratio Lower Upper
75 100
77 175.9 93.1 279.3





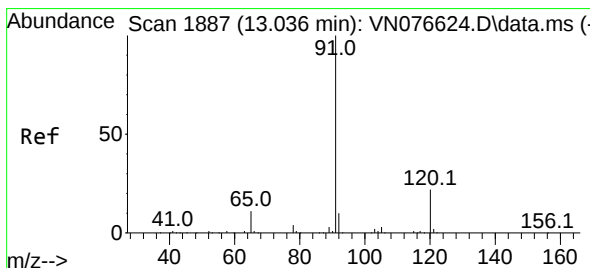
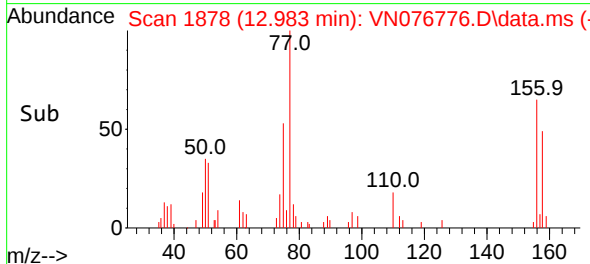
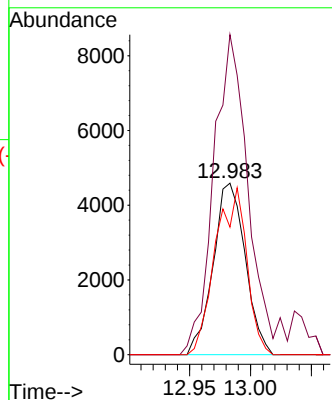
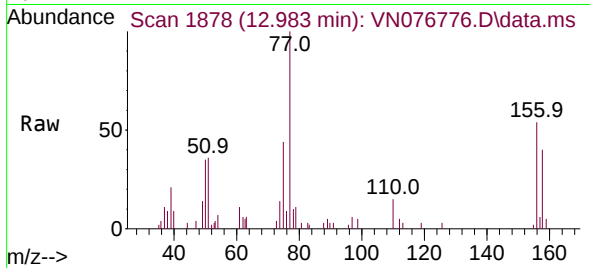
#77
Bromobenzene
Concen: 3.144 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

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

Tgt Ion:156 Resp: 841
Ion Ratio Lower Upper
156 100
77 197.1 102.8 308.4
158 95.0 48.9 146.6

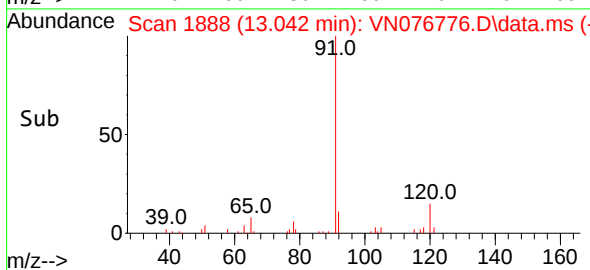
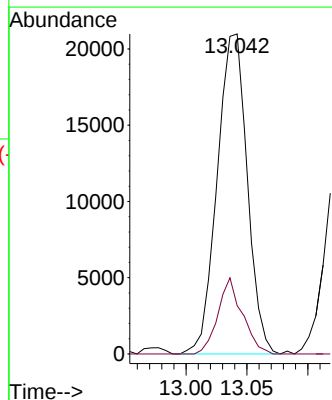
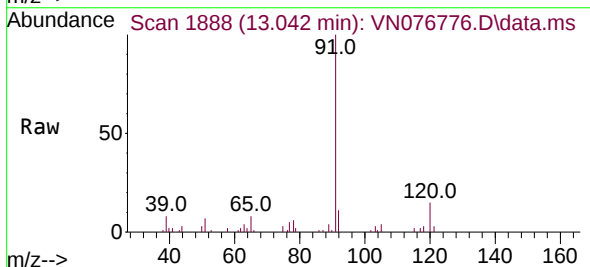
Manual Integrations
APPROVED

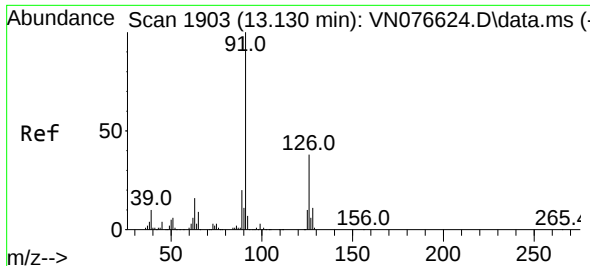
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#78
n-propylbenzene
Concen: 2.861 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

Tgt Ion: 91 Resp: 36038
Ion Ratio Lower Upper
91 100
120 19.3 11.5 34.5





#79

2-Chlorotoluene

Concen: 2.950 ug/l

RT: 13.124 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VN076776.D

Acq: 22 Feb 2023 17:16

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion: 91 Resp: 2275

Ion Ratio Lower Upper

91 100

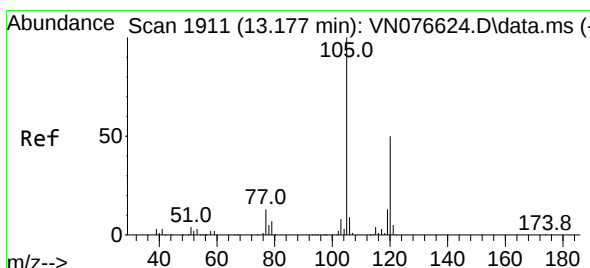
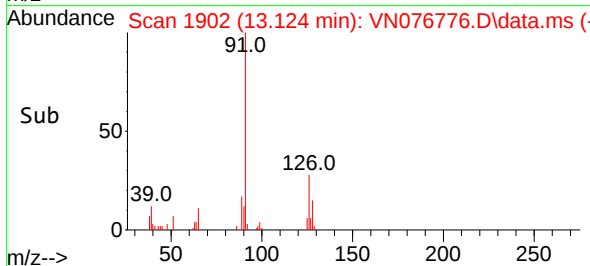
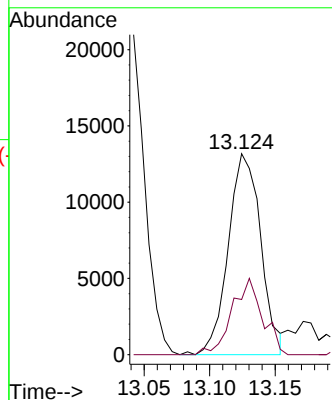
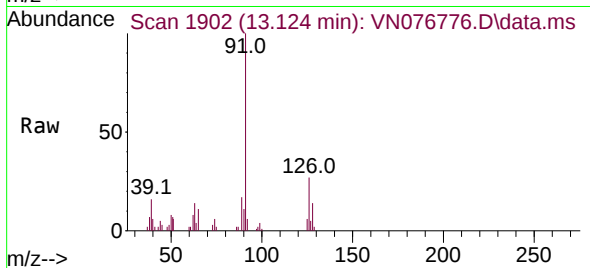
126 35.6 17.7 53.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#80

1,3,5-Trimethylbenzene

Concen: 2.949 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN076776.D

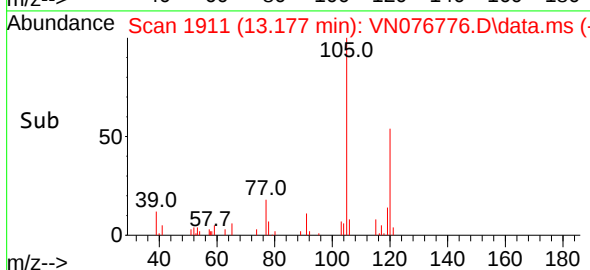
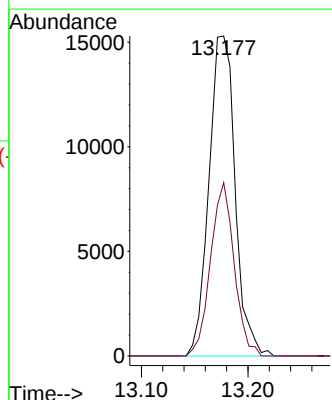
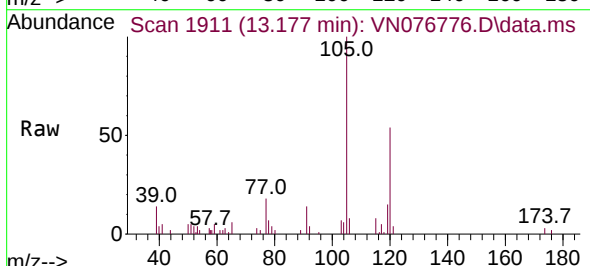
Acq: 22 Feb 2023 17:16

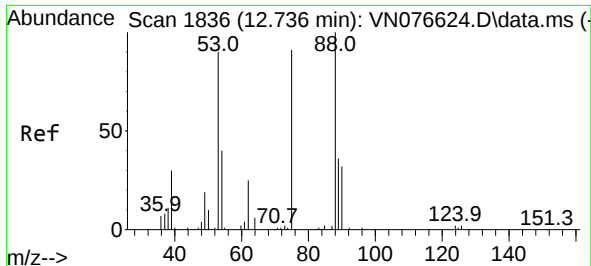
Tgt Ion:105 Resp: 26143

Ion Ratio Lower Upper

105 100

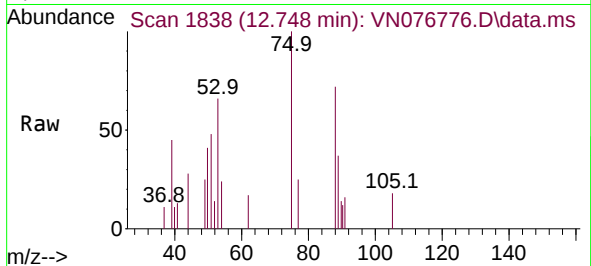
120 48.8 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 3.233 ug/l
RT: 12.748 min Scan# 1836
Delta R.T. 0.012 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

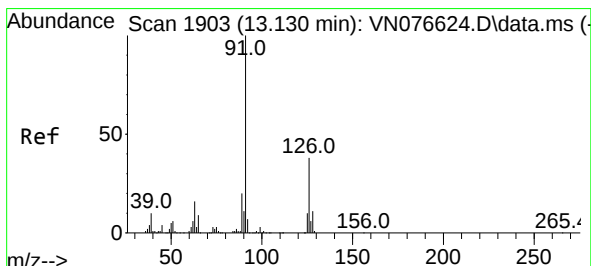
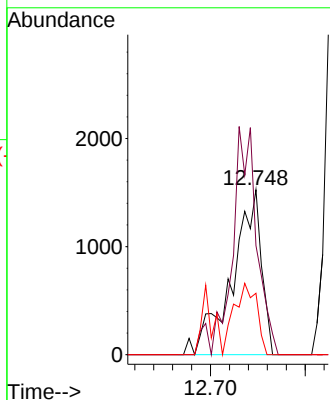
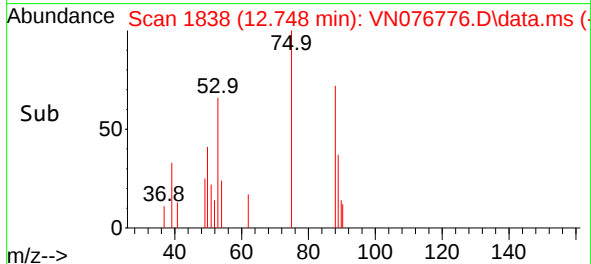
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2023



Tgt Ion: 75 Resp: 3285
Ion Ratio Lower Upper
75 100
53 111.7 92.1 138.1
89 33.5 37.5 56.3

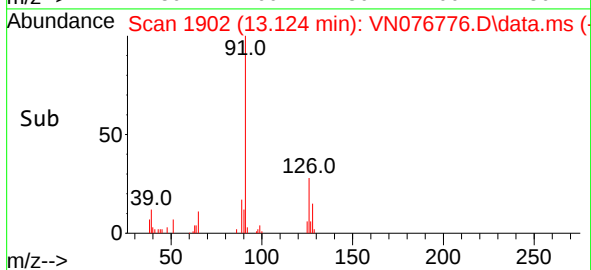
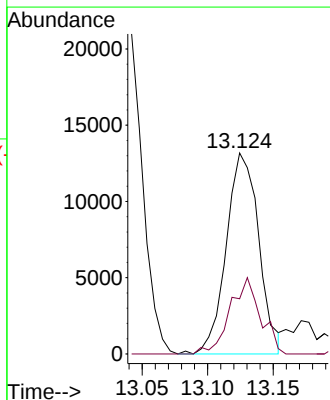
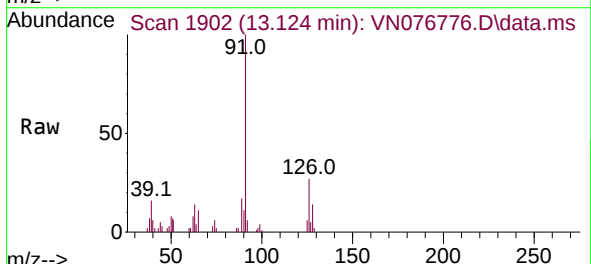
Manual Integrations
APPROVED

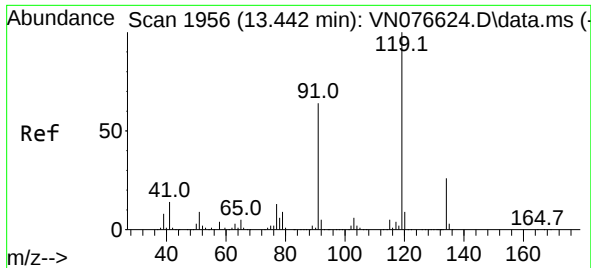
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#82
4-Chlorotoluene
Concen: 2.950 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

Tgt Ion: 91 Resp: 22755
Ion Ratio Lower Upper
91 100
126 35.6 17.7 53.1





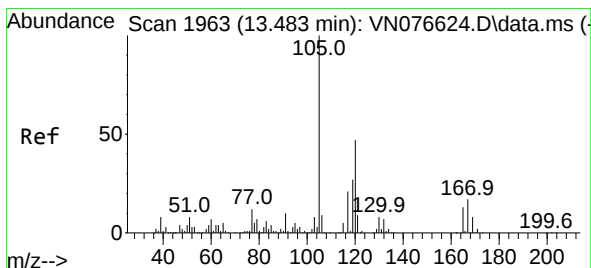
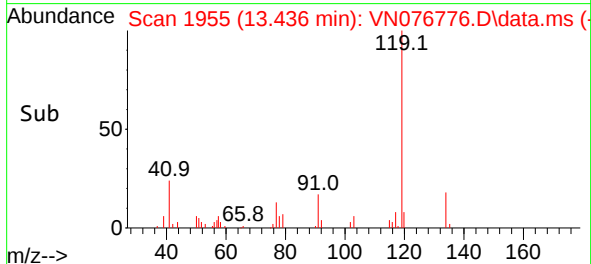
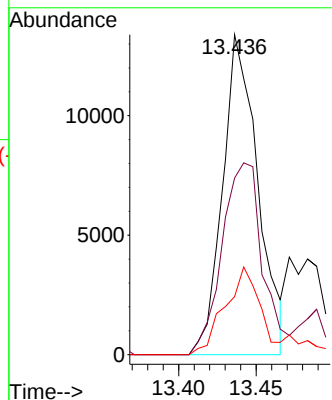
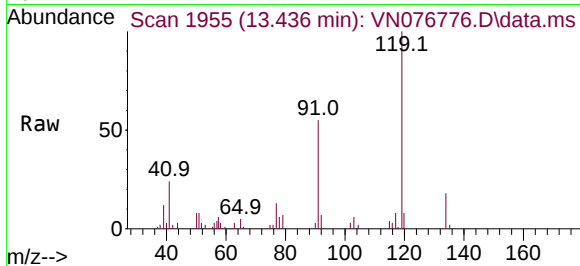
#83
tert-Butylbenzene
Concen: 2.640 ug/l
RT: 13.436 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

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

Tgt Ion:119 Resp: 2117
Ion Ratio Lower Upper
119 100
91 69.0 32.0 96.2
134 27.2 13.8 41.4

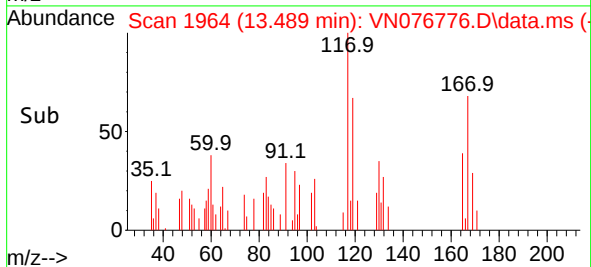
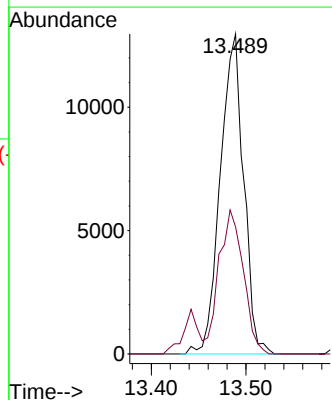
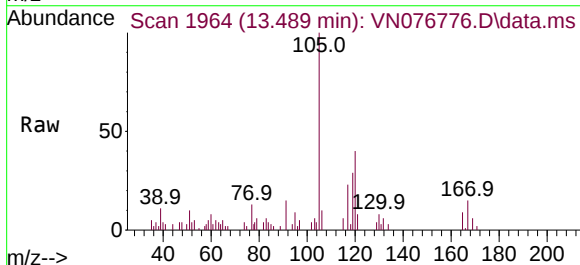
Manual Integrations
APPROVED

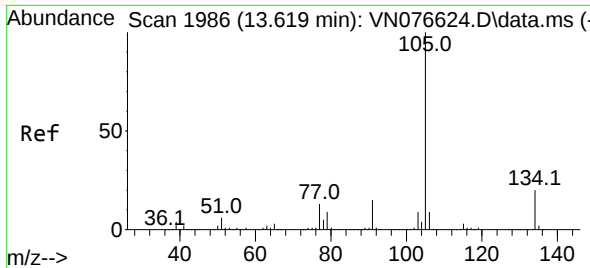
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#84
1,2,4-Trimethylbenzene
Concen: 2.512 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

Tgt Ion:105 Resp: 22198
Ion Ratio Lower Upper
105 100
120 47.3 23.0 69.0





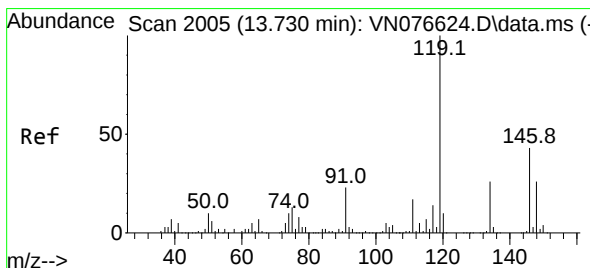
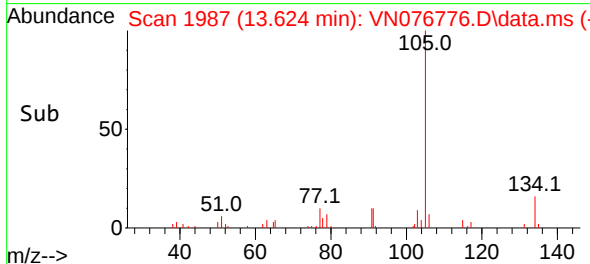
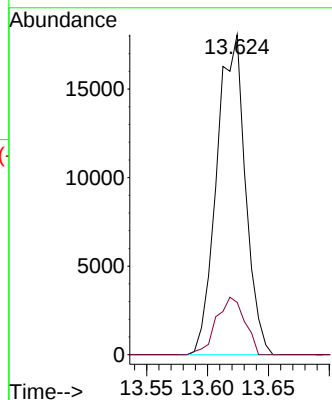
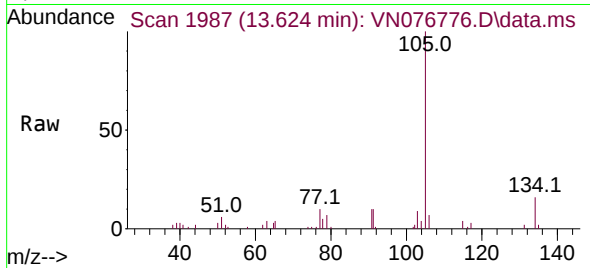
#85
 sec-Butylbenzene
 Concen: 2.641 ug/l
 RT: 13.624 min Scan# 1986
 Delta R.T. 0.005 min
 Lab File: VN076776.D
 Acq: 22 Feb 2023 17:16

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

Tgt Ion:105 Resp: 29574
 Ion Ratio Lower Upper
 105 100
 134 17.9 10.5 31.5

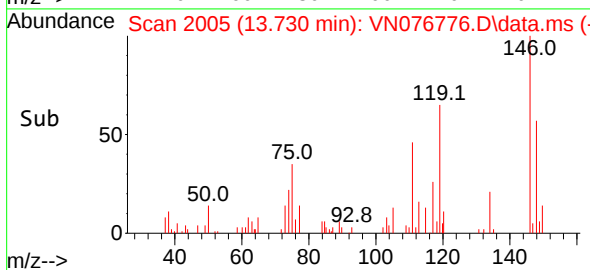
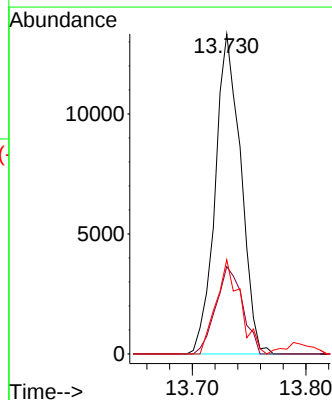
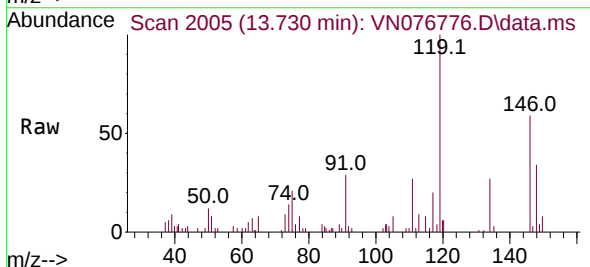
Manual Integrations
 APPROVED

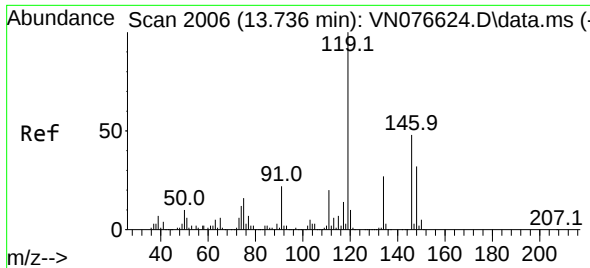
Reviewed By :John Carlone 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#86
 p-Isopropyltoluene
 Concen: 2.333 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076776.D
 Acq: 22 Feb 2023 17:16

Tgt Ion:119 Resp: 20859
 Ion Ratio Lower Upper
 119 100
 134 28.4 13.4 40.1
 91 27.8 11.7 35.0





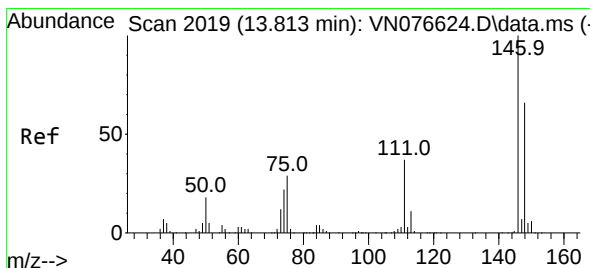
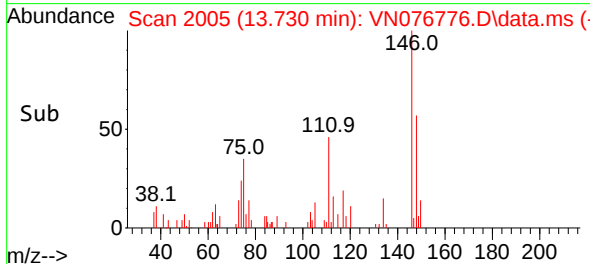
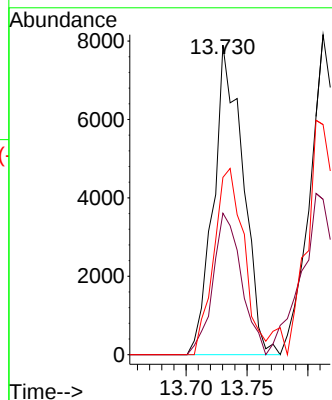
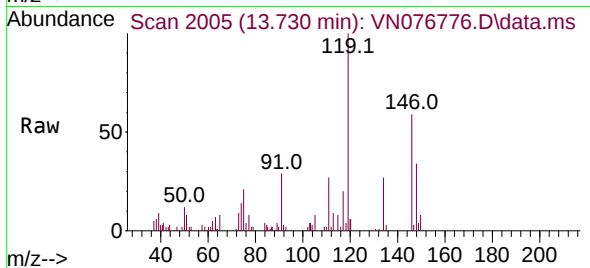
#87
1,3-Dichlorobenzene
Concen: 2.641 ug/l
RT: 13.730 min Scan# 2006
Delta R.T. -0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

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

Tgt Ion:146 Resp: 1336
Ion Ratio Lower Upper
146 100
111 44.0 19.8 59.4
148 61.1 32.0 96.2

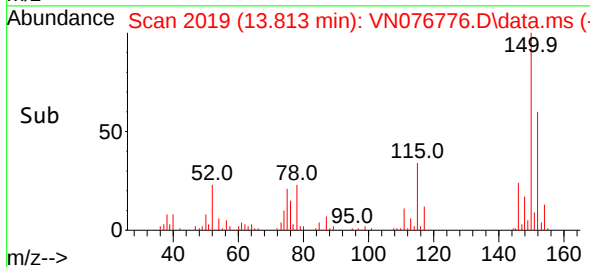
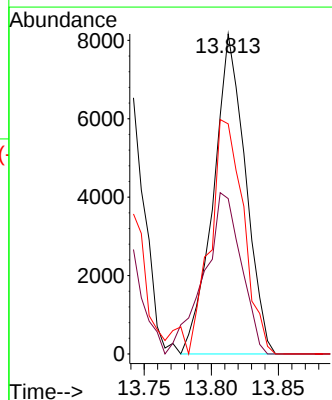
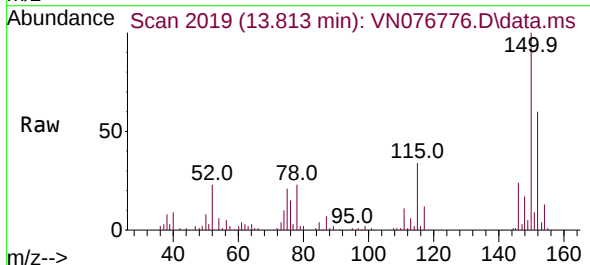
Manual Integrations
APPROVED

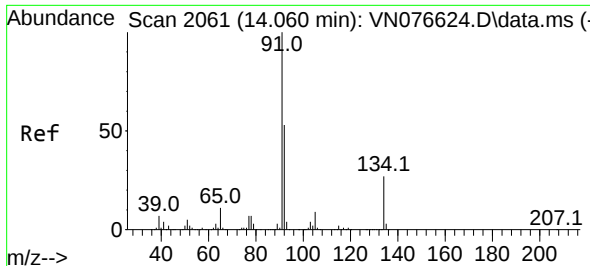
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#88
1,4-Dichlorobenzene
Concen: 2.699 ug/l m
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

Tgt Ion:146 Resp: 13598
Ion Ratio Lower Upper
146 100
111 43.3 19.4 58.1
148 60.1 32.7 98.1





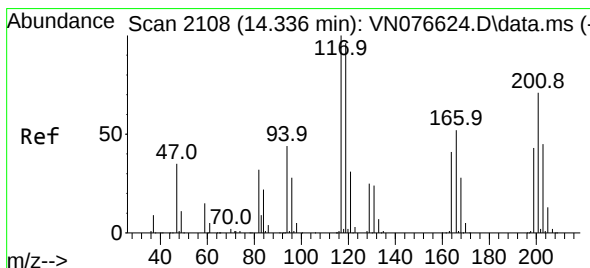
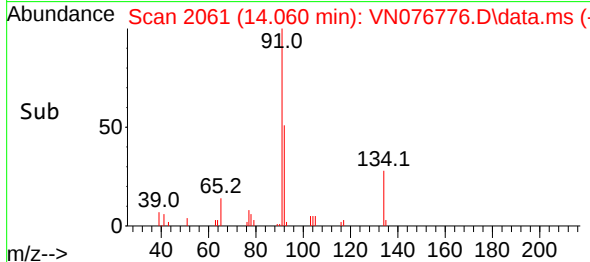
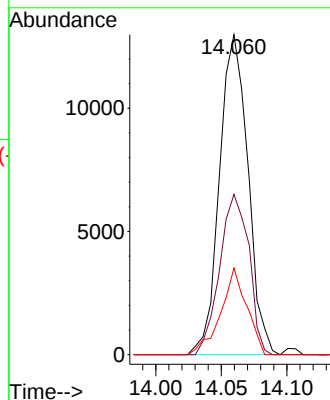
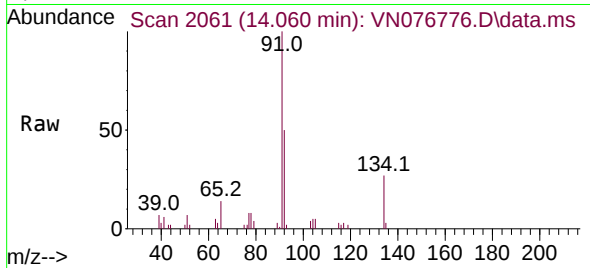
#89
n-Butylbenzene
Concen: 2.520 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

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

Tgt Ion: 91 Resp: 19598
Ion Ratio Lower Upper
91 100
92 51.4 26.4 79.0
134 24.8 13.2 39.5

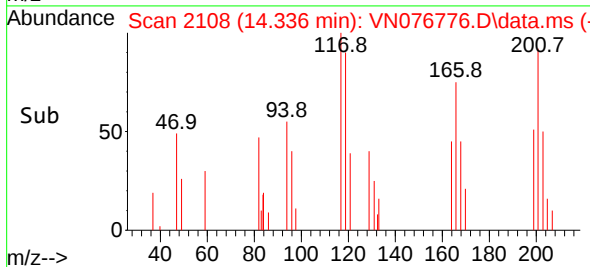
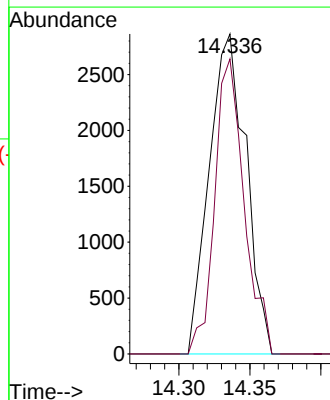
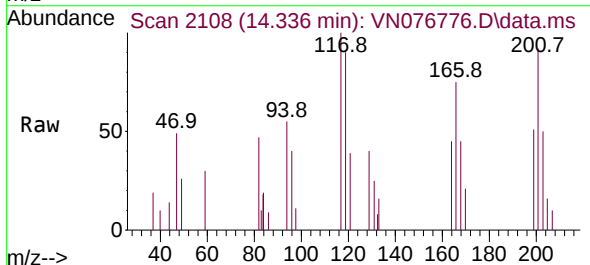
Manual Integrations
APPROVED

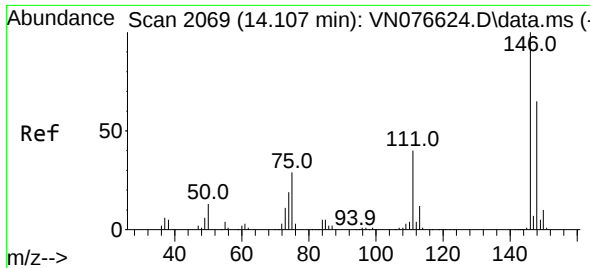
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#90
Hexachloroethane
Concen: 2.752 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

Tgt Ion:117 Resp: 5152
Ion Ratio Lower Upper
117 100
201 73.7 35.5 106.7





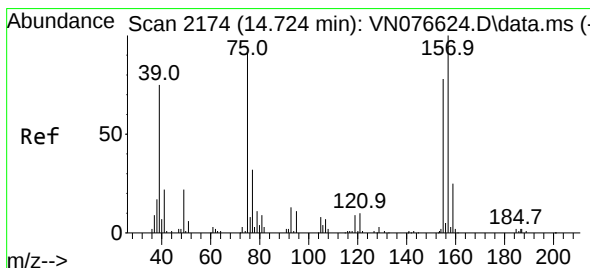
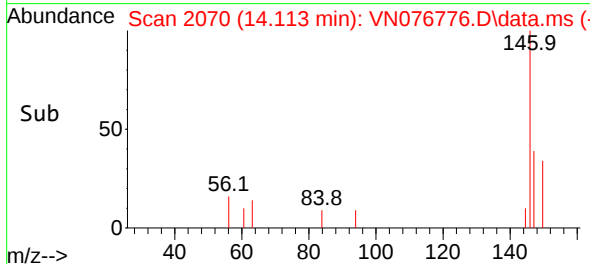
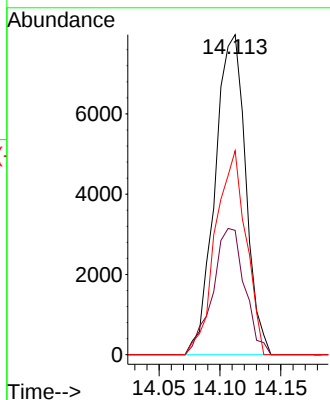
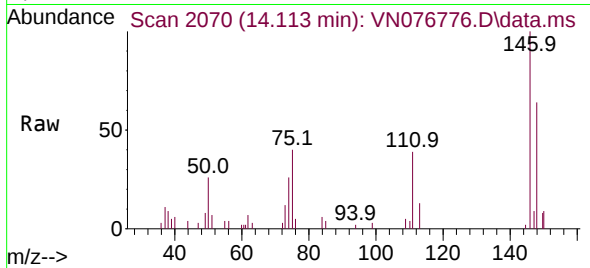
#91
1,2-Dichlorobenzene
Concen: 2.695 ug/l
RT: 14.113 min Scan# 2069
Delta R.T. 0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

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

Tgt Ion:146 Resp: 1398
Ion Ratio Lower Upper
146 100
111 41.4 20.0 59.9
148 63.4 32.4 97.2

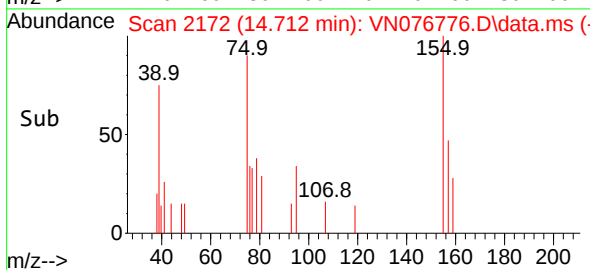
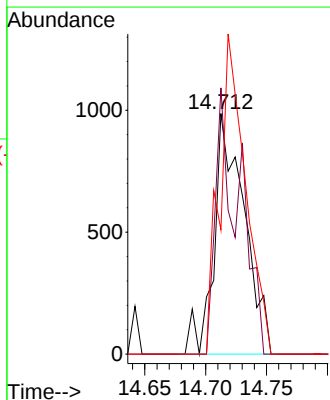
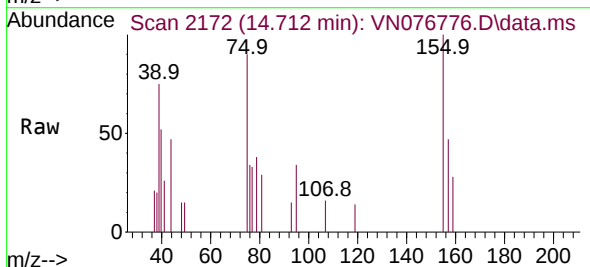
Manual Integrations
APPROVED

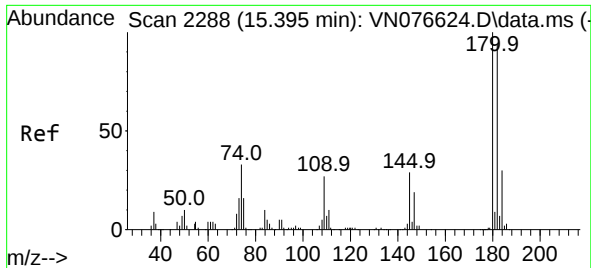
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.261 ug/l
RT: 14.712 min Scan# 2172
Delta R.T. -0.012 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

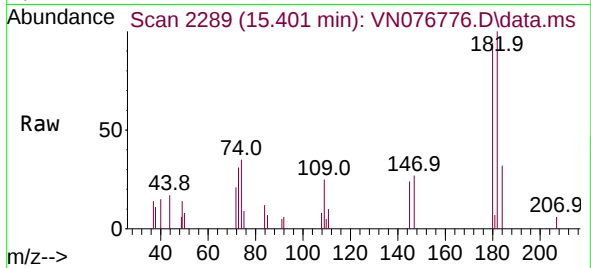
Tgt Ion: 75 Resp: 1701
Ion Ratio Lower Upper
75 100
155 54.8 43.4 130.2
157 114.1 55.2 165.6





#93
1,2,4-Trichlorobenzene
Concen: 2.078 ug/l
RT: 15.401 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

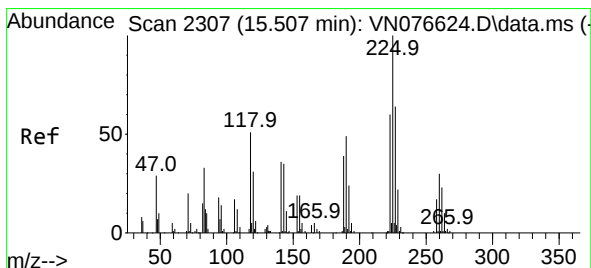
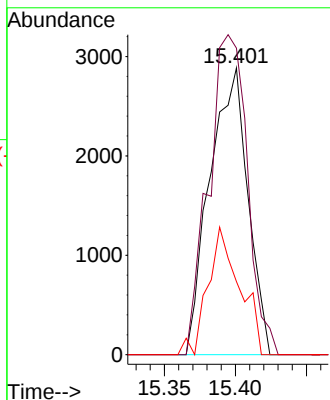
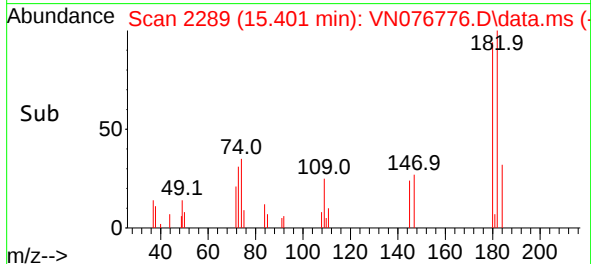
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:180 Resp: 5378
Ion Ratio Lower Upper
180 100
182 113.4 48.0 144.0
145 37.1 15.2 45.6

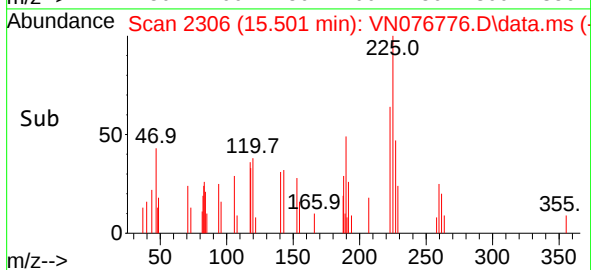
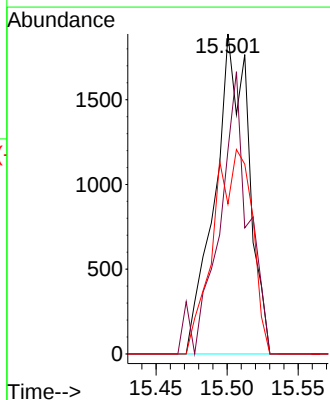
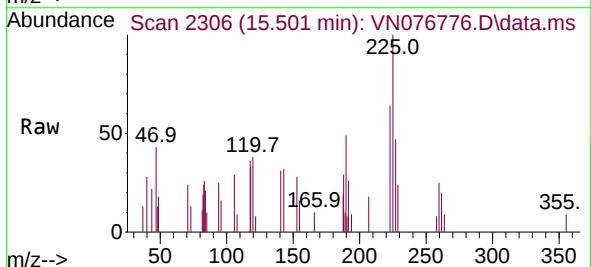
Manual Integrations
APPROVED

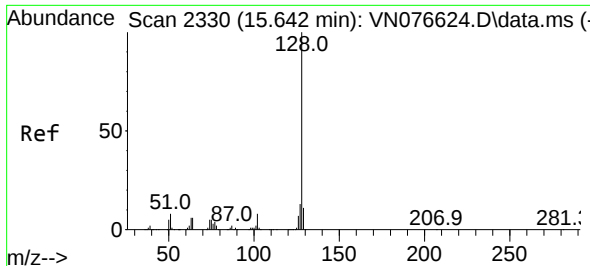
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#94
Hexachlorobutadiene
Concen: 2.474 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. -0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

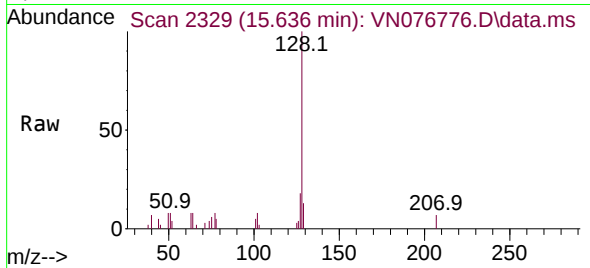
Tgt Ion:225 Resp: 3137
Ion Ratio Lower Upper
225 100
223 75.4 31.6 95.0
227 73.0 31.3 93.9





#95
Naphthalene
Concen: 2.002 ug/l
RT: 15.636 min Scan# 2329
Delta R.T. -0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16

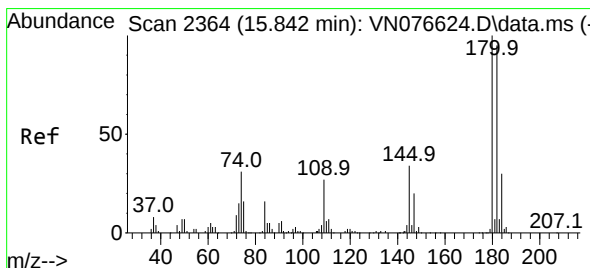
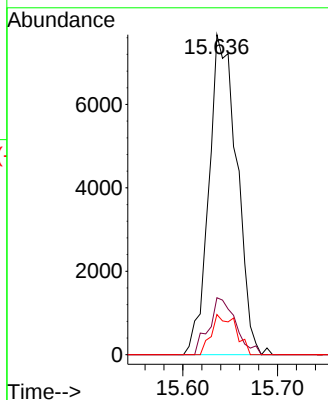
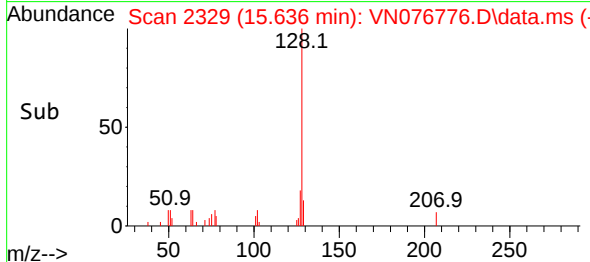
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2023



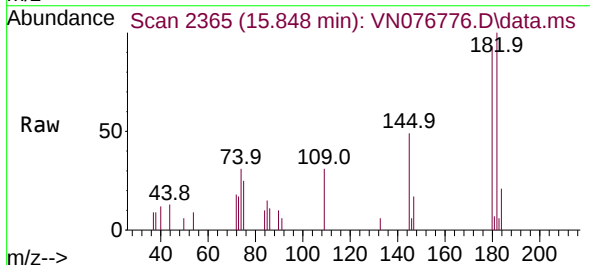
Tgt Ion:128 Resp: 1571
Ion Ratio Lower Upper
128 100
127 16.9 10.6 16.0
129 11.0 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 2.495 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: VN076776.D
Acq: 22 Feb 2023 17:16



Tgt Ion:180 Resp: 6254
Ion Ratio Lower Upper
180 100
182 89.4 46.7 140.1
145 34.8 16.0 47.9

