

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051623\
 Data File : VN077698.D
 Acq On : 16 May 2023 17:26
 Operator : JC\MD
 Sample : 02213-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

Quant Time: May 17 05:07:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 17 04:54:58 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/17/2023
 Supervised By : Mahesh Dadoda 05/17/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	352009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	665124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	565551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	229579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	293320	55.691	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.380%			
35) Dibromofluoromethane	8.171	113	225105	51.901	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.800%			
50) Toluene-d8	10.571	98	860983	51.574	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.140%			
62) 4-Bromofluorobenzene	12.853	95	280476	47.570	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	19814	4.946	ug/l	90
3) Chloromethane	2.365	50	22949	4.779	ug/l	95
4) Vinyl Chloride	2.512	62	26903	5.326	ug/l	92
5) Bromomethane	2.942	94	21764	5.826	ug/l	95
6) Chloroethane	3.118	64	21183	5.819	ug/l	94
7) Trichlorofluoromethane	3.500	101	36011	5.116	ug/l	94
8) Diethyl Ether	3.959	74	13346	5.194	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.371	101	19703	5.058	ug/l	97
10) Methyl Iodide	4.595	142	24392	5.251	ug/l #	86
11) Tert butyl alcohol	5.530	59	21670	29.812	ug/l #	93
12) 1,1-Dichloroethene	4.347	96	17944	4.847	ug/l #	77
13) Acrolein	4.189	56	17749	34.337	ug/l	90
14) Allyl chloride	5.036	41	30080	5.531	ug/l #	94
15) Acrylonitrile	5.724	53	52781	27.179	ug/l	98
16) Acetone	4.442	43	44513	26.863	ug/l	96
17) Carbon Disulfide	4.718	76	45022	4.513	ug/l	99
18) Methyl Acetate	5.030	43	36550	5.258	ug/l #	86
19) Methyl tert-butyl Ether	5.812	73	70842	5.286	ug/l	96
20) Methylene Chloride	5.277	84	26136	5.265	ug/l	91
21) trans-1,2-Dichloroethene	5.800	96	20059	4.823	ug/l	97
22) Diisopropyl ether	6.683	45	65415	5.131	ug/l #	92
23) Vinyl Acetate	6.612	43	227338m	28.782	ug/l	
24) 1,1-Dichloroethane	6.571	63	41734	5.343	ug/l	95
25) 2-Butanone	7.494	43	71493	27.581	ug/l #	78
26) 2,2-Dichloropropane	7.500	77	30063	4.531	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	26619	5.338	ug/l	95
28) Bromochloromethane	7.824	49	18163	5.377	ug/l	83
29) Tetrahydrofuran	7.847	42	45566	26.846	ug/l #	82
30) Chloroform	7.965	83	44984	5.236	ug/l	87
31) Cyclohexane	8.265	56	40693	5.685	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	35709	4.889	ug/l	88
36) 1,1-Dichloropropene	8.377	75	30428	4.796	ug/l	98
37) Ethyl Acetate	7.571	43	29536	5.224	ug/l #	96
38) Carbon Tetrachloride	8.371	117	30451	4.754	ug/l #	95
39) Methylcyclohexane	9.606	83	35824	4.613	ug/l	90
40) Benzene	8.618	78	96032	5.130	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051623\
 Data File : VN077698.D
 Acq On : 16 May 2023 17:26
 Operator : JC\MD
 Sample : 02213-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

Quant Time: May 17 05:07:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 17 04:54:58 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/17/2023
 Supervised By : Mahesh Dadoda 05/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	15909	5.283	ug/l	88
42) 1,2-Dichloroethane	8.682	62	36123	5.312	ug/l	97
43) Isopropyl Acetate	8.694	43	47487	5.142	ug/l #	95
44) Trichloroethene	9.359	130	23110	4.875	ug/l	94
45) 1,2-Dichloropropane	9.624	63	24330	5.095	ug/l	89
46) Dibromomethane	9.718	93	17568	5.142	ug/l	93
47) Bromodichloromethane	9.894	83	34072	5.209	ug/l	98
48) Methyl methacrylate	9.688	41	22772	5.200	ug/l	83
49) 1,4-Dioxane	9.706	88	9635	116.499	ug/l #	83
51) 4-Methyl-2-Pentanone	10.453	43	145329	26.472	ug/l	91
52) Toluene	10.635	92	57831	4.962	ug/l	95
53) t-1,3-Dichloropropene	10.847	75	32731	4.725	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	34924	4.575	ug/l #	90
55) 1,1,2-Trichloroethane	11.024	97	24262	5.243	ug/l	98
56) Ethyl methacrylate	10.882	69	33414	4.776	ug/l #	85
57) 1,3-Dichloropropane	11.171	76	42101	5.307	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	85400	24.810	ug/l	91
59) 2-Hexanone	11.200	43	106402	26.203	ug/l	92
60) Dibromochloromethane	11.365	129	22427	4.695	ug/l	98
61) 1,2-Dibromoethane	11.471	107	24210	5.244	ug/l	97
64) Tetrachloroethene	11.106	164	22693	5.738	ug/l	95
65) Chlorobenzene	11.894	112	61241	4.995	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.971	131	21016	4.954	ug/l	96
67) Ethyl Benzene	11.971	91	105701	4.811	ug/l	97
68) m/p-Xylenes	12.076	106	79917	9.599	ug/l	97
69) o-Xylene	12.406	106	39465	4.820	ug/l	92
70) Styrene	12.418	104	63061	4.849	ug/l	97
71) Bromoform	12.588	173	13786	4.885	ug/l #	95
73) Isopropylbenzene	12.700	105	99427	5.024	ug/l	99
74) N-amyl acetate	12.500	43	37769	5.163	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	33601	5.519	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	26768m	4.656	ug/l	
77) Bromobenzene	12.988	156	22748	5.037	ug/l	90
78) n-propylbenzene	13.041	91	115967	4.971	ug/l	97
79) 2-Chlorotoluene	13.135	91	73727	5.296	ug/l	99
80) 1,3,5-Trimethylbenzene	13.182	105	83161	5.000	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	7528	4.185	ug/l #	71
82) 4-Chlorotoluene	13.229	91	69524	5.019	ug/l	99
83) tert-Butylbenzene	13.447	119	72381	4.985	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	81717	4.996	ug/l	97
85) sec-Butylbenzene	13.623	105	98782	4.787	ug/l	97
86) p-Isopropyltoluene	13.735	119	79965	4.861	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	40062	4.797	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	40549	4.893	ug/l	94
89) n-Butylbenzene	14.065	91	66572	4.400	ug/l	99
90) Hexachloroethane	14.335	117	12512	4.630	ug/l	93
91) 1,2-Dichlorobenzene	14.117	146	41486	5.317	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	6712	5.695	ug/l	85
93) 1,2,4-Trichlorobenzene	15.400	180	18466	4.050	ug/l	92
94) Hexachlorobutadiene	15.506	225	8074	4.265	ug/l	93
95) Naphthalene	15.653	128	67004	4.269	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	19386	4.343	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051623\
Data File : VN077698.D
Acq On : 16 May 2023 17:26
Operator : JC\MD
Sample : 02213-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

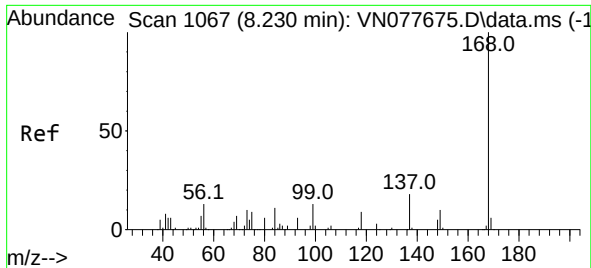
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

Quant Time: May 17 05:07:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Wed May 17 04:54:58 2023
Response via : Initial Calibration

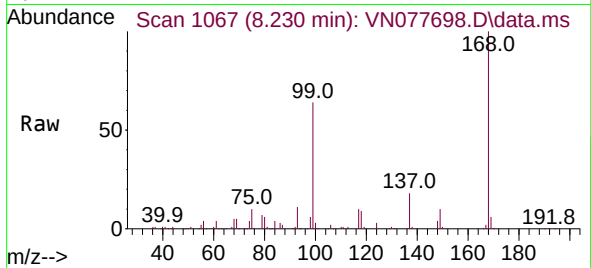
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

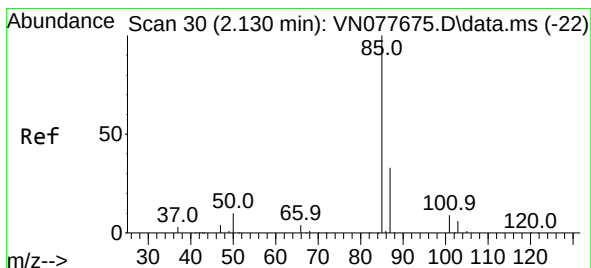
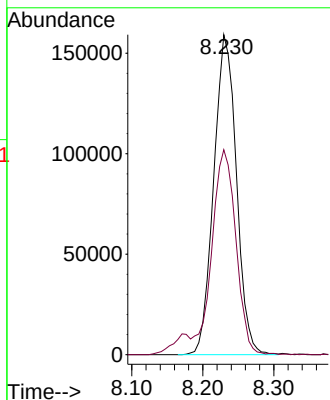
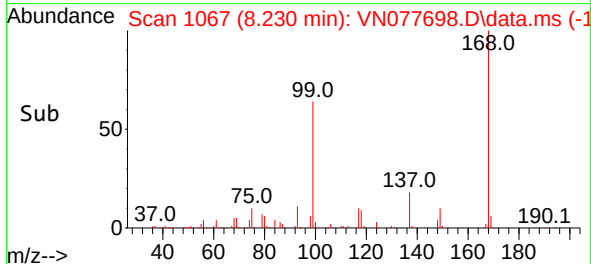
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2023



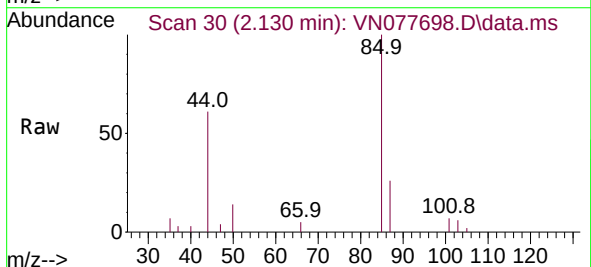
Tgt Ion:168 Resp: 352009
Ion Ratio Lower Upper
168 100
99 63.9 53.0 79.6

Manual Integrations
APPROVED

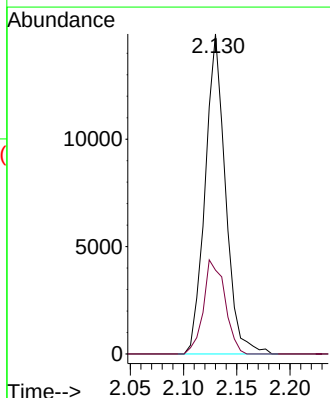
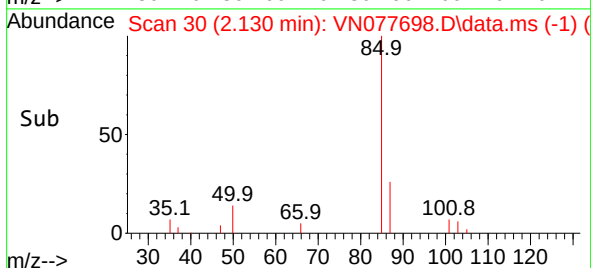
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

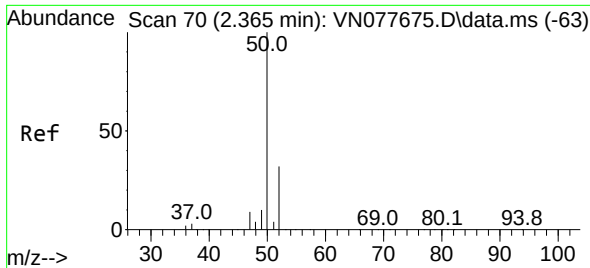


#2
Dichlorodifluoromethane
Concen: 4.946 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26



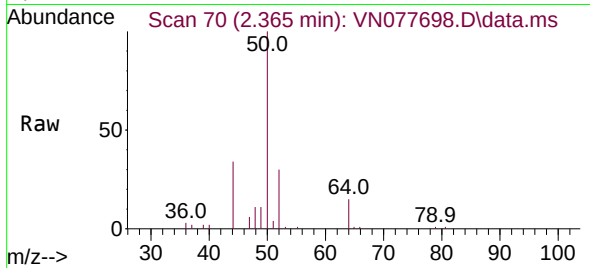
Tgt Ion: 85 Resp: 19814
Ion Ratio Lower Upper
85 100
87 26.2 15.8 47.4





#3
Chloromethane
Concen: 4.779 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

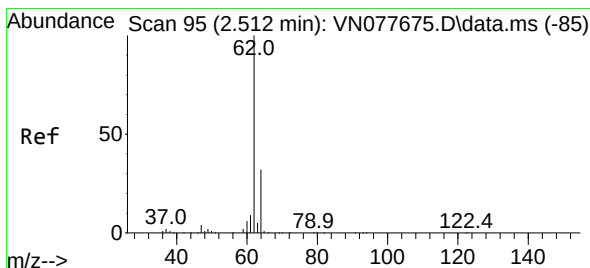
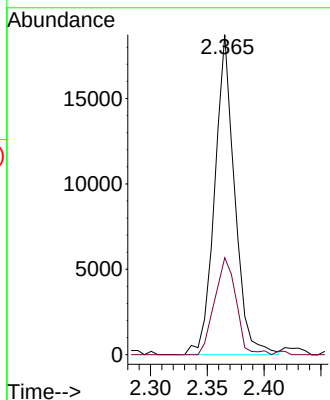
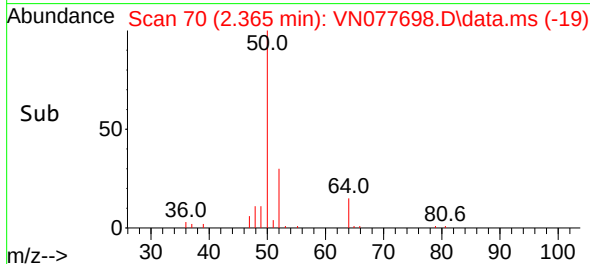
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 50 Resp: 22949
Ion Ratio Lower Upper
50 100
52 30.3 26.5 39.7

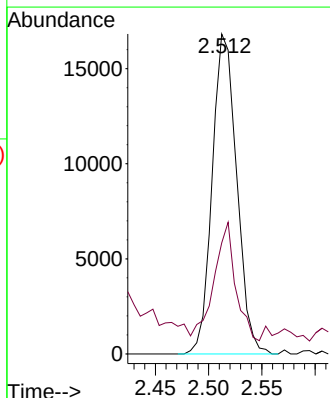
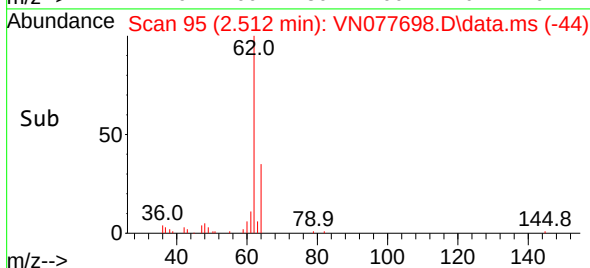
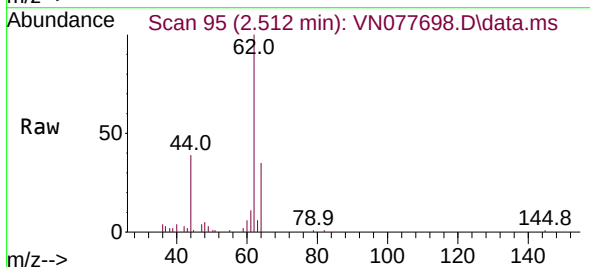
Manual Integrations
APPROVED

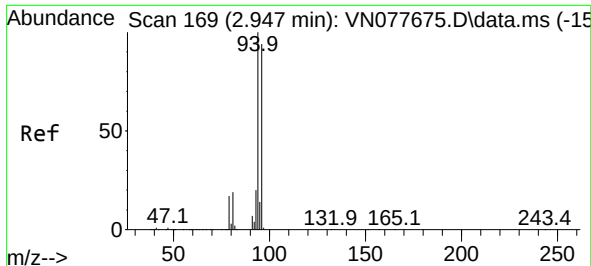
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#4
Vinyl Chloride
Concen: 5.326 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

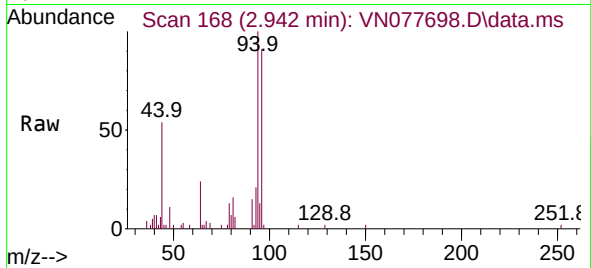
Tgt Ion: 62 Resp: 26903
Ion Ratio Lower Upper
62 100
64 28.2 26.2 39.2





#5
Bromomethane
Concen: 5.826 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

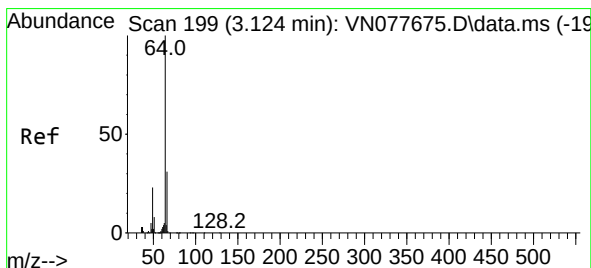
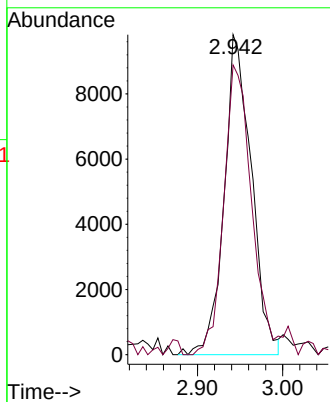
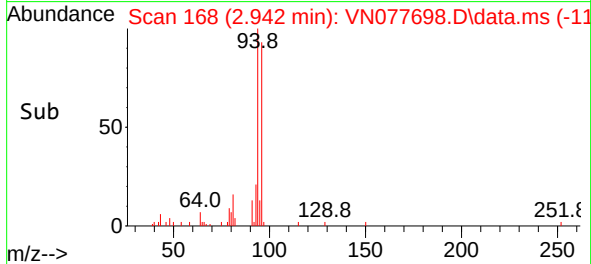
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 94 Resp: 21764
Ion Ratio Lower Upper
94 100
96 86.3 73.1 109.7

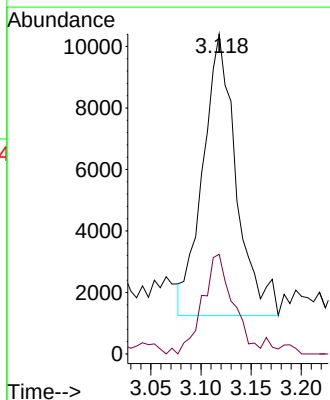
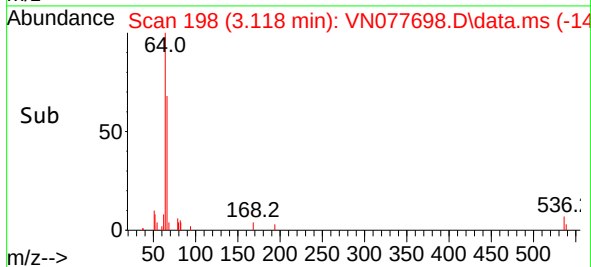
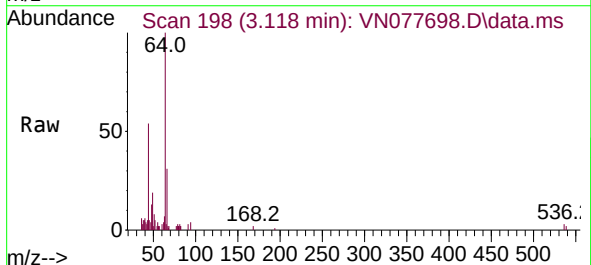
Manual Integrations
APPROVED

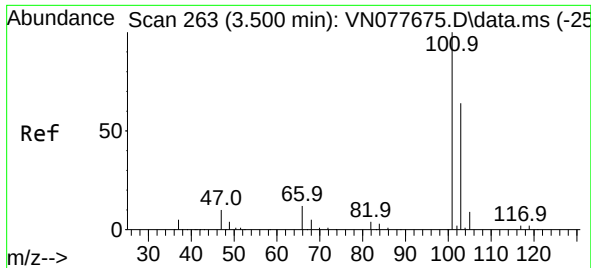
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#6
Chloroethane
Concen: 5.819 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

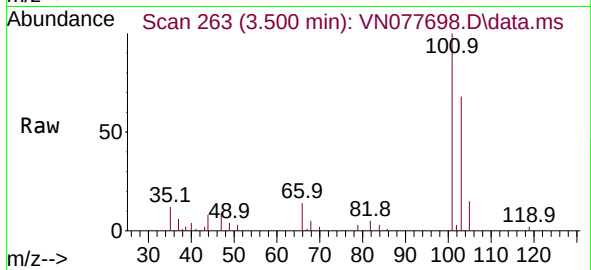
Tgt Ion: 64 Resp: 21183
Ion Ratio Lower Upper
64 100
66 35.4 25.4 38.2





#7
Trichlorofluoromethane
Concen: 5.116 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

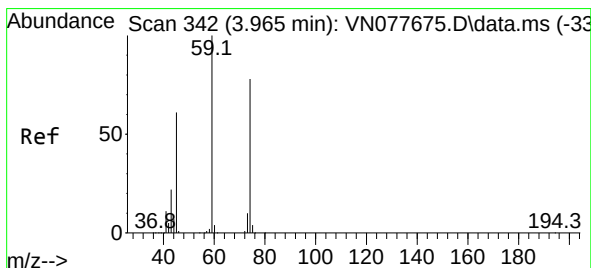
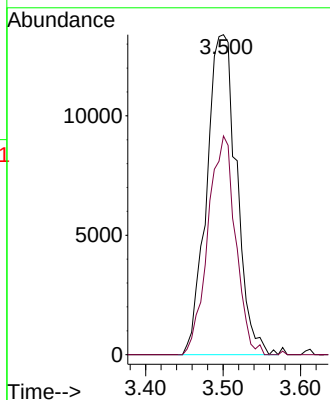
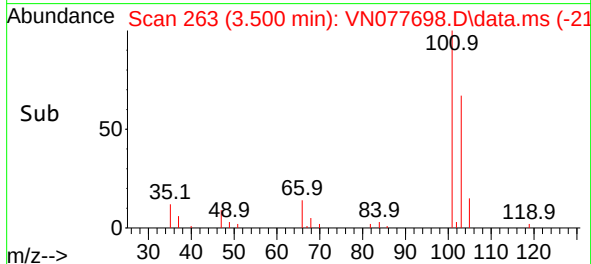
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:101 Resp: 3601
Ion Ratio Lower Upper
101 100
103 68.3 50.7 76.1

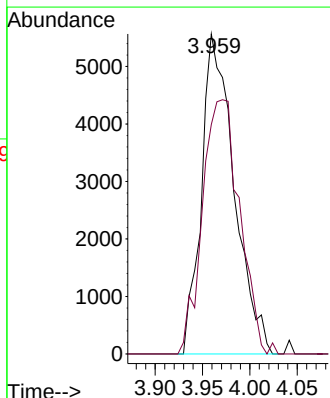
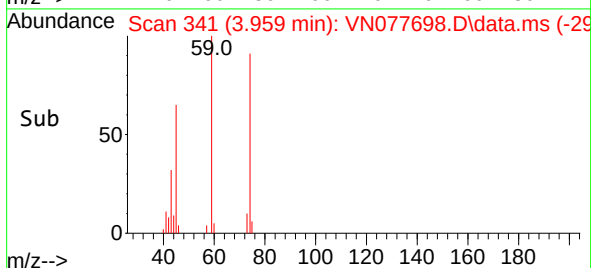
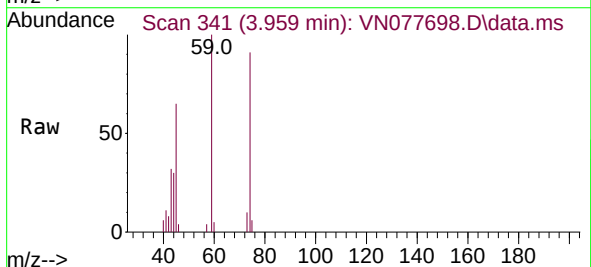
Manual Integrations
APPROVED

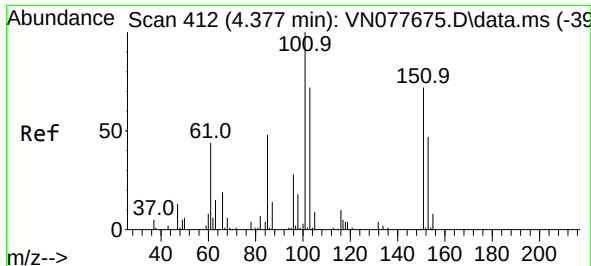
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#8
Diethyl Ether
Concen: 5.194 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

Tgt Ion: 74 Resp: 13346
Ion Ratio Lower Upper
74 100
45 90.4 34.4 103.3





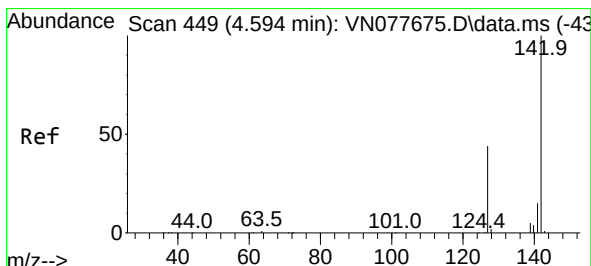
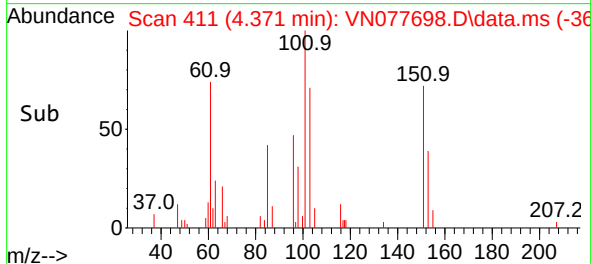
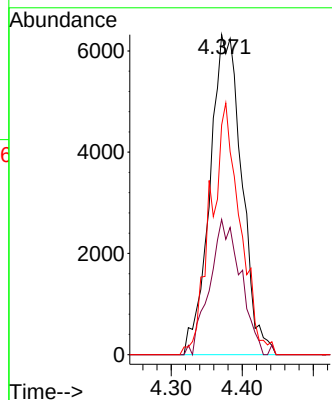
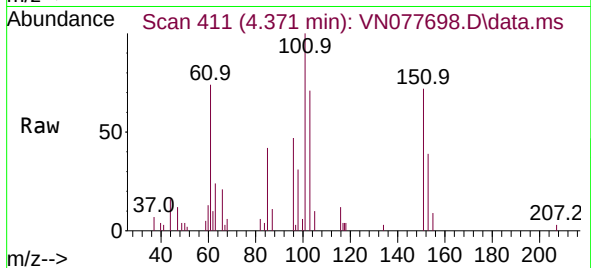
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.058 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion:101 Resp: 1970
Ion Ratio Lower Upper
101 100
85 41.0 36.6 55.0
151 72.5 57.6 86.4

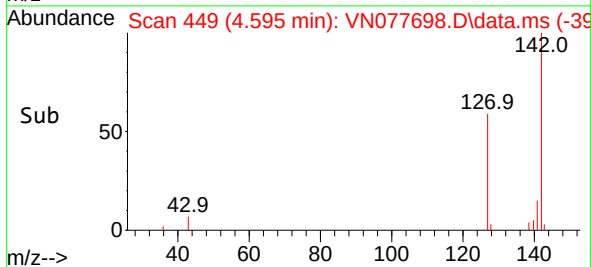
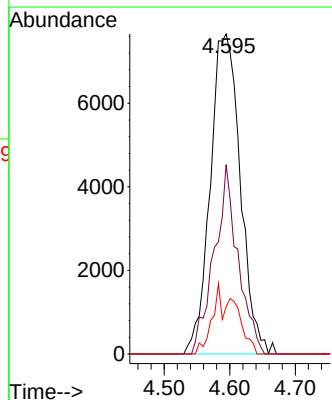
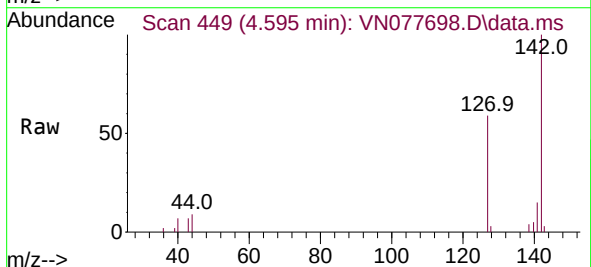
Manual Integrations
APPROVED

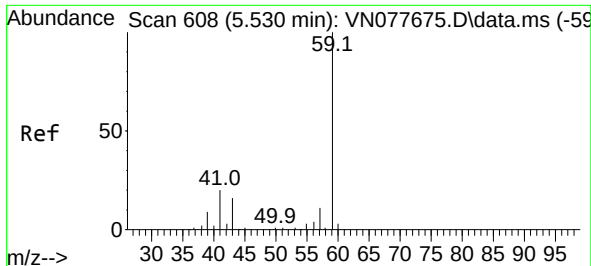
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#10
Methyl Iodide
Concen: 5.251 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.001 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

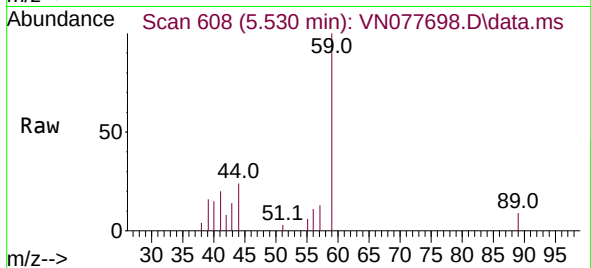
Tgt Ion:142 Resp: 24392
Ion Ratio Lower Upper
142 100
127 59.2 37.6 56.4#
141 14.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 29.812 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

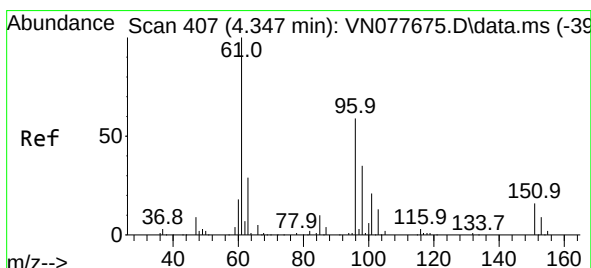
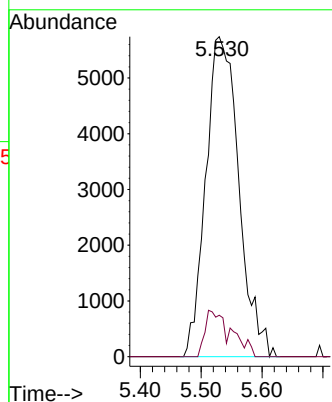
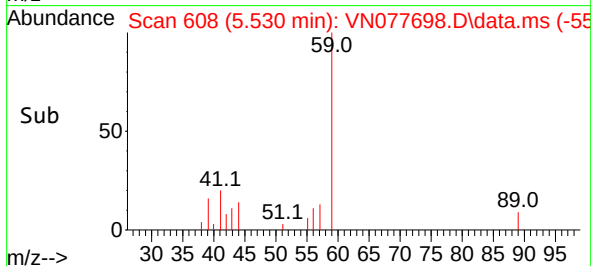
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023



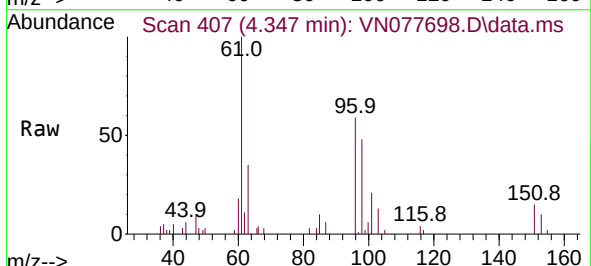
Tgt Ion: 59 Resp: 21670
Ion Ratio Lower Upper
59 100
57 7.7 8.2 12.4

Manual Integrations
APPROVED

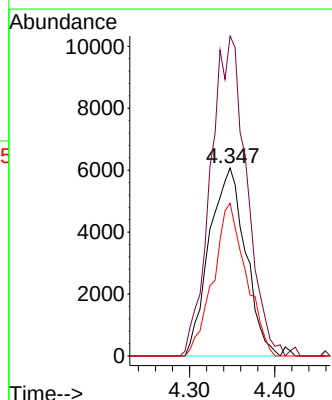
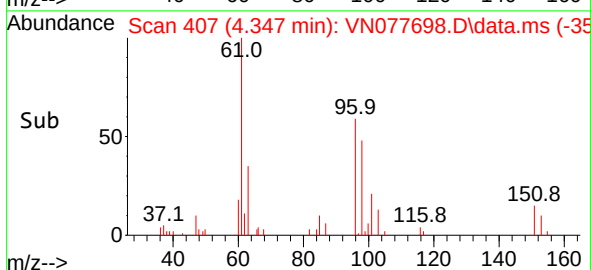
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

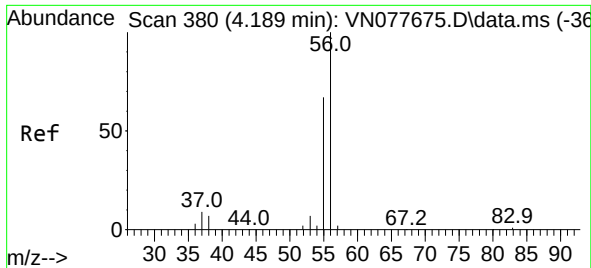


#12
1,1-Dichloroethene
Concen: 4.847 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26



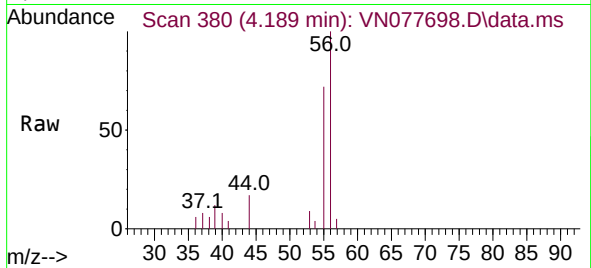
Tgt Ion: 96 Resp: 17944
Ion Ratio Lower Upper
96 100
61 170.4 112.7 169.1#
98 81.3 51.2 76.8#





#13
Acrolein
Concen: 34.337 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

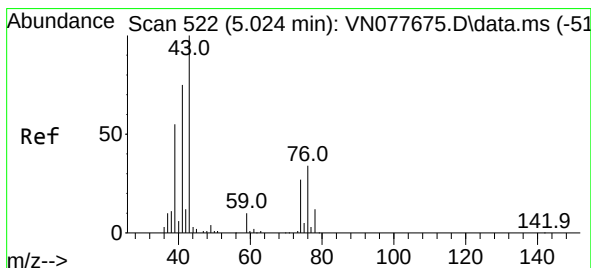
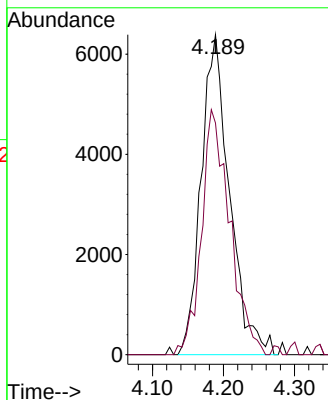
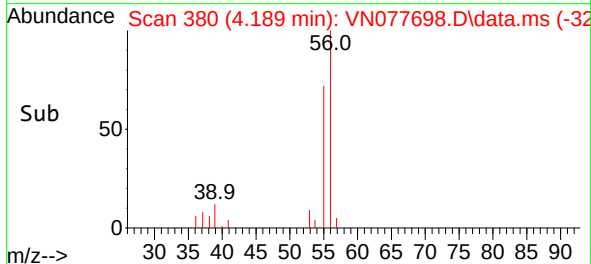
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 56 Resp: 17749
Ion Ratio Lower Upper
56 100
55 76.3 54.5 81.7

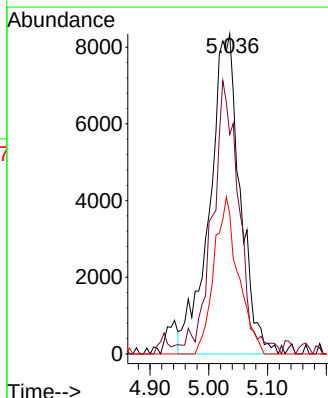
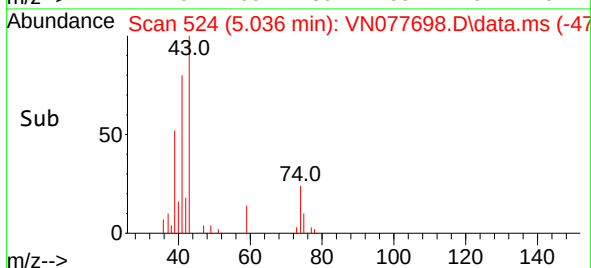
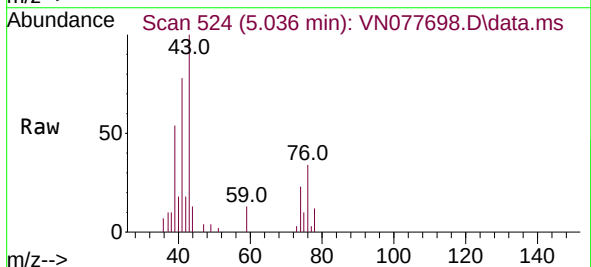
Manual Integrations
APPROVED

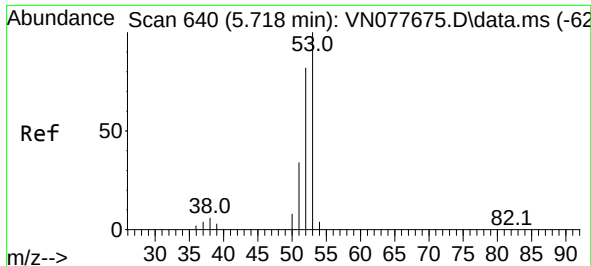
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#14
Allyl chloride
Concen: 5.531 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

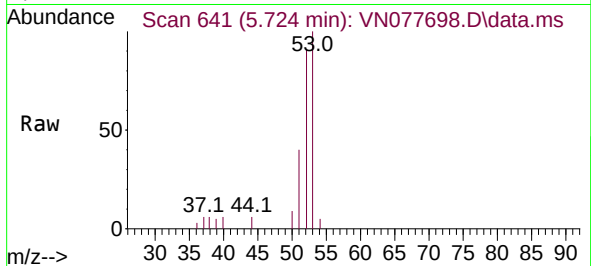
Tgt Ion: 41 Resp: 30080
Ion Ratio Lower Upper
41 100
39 74.3 58.8 88.2
76 39.1 39.1 58.7#





#15
Acrylonitrile
Concen: 27.179 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

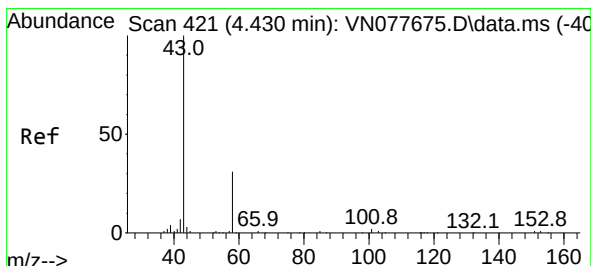
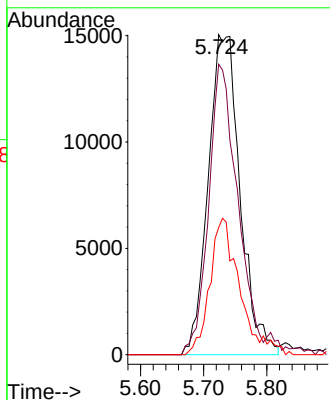
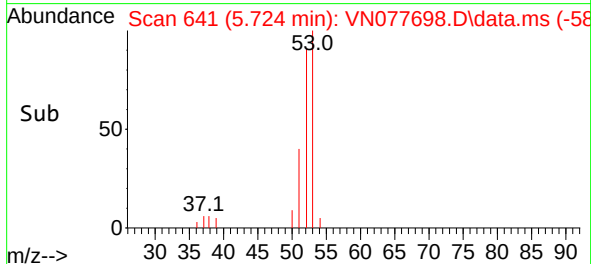
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023



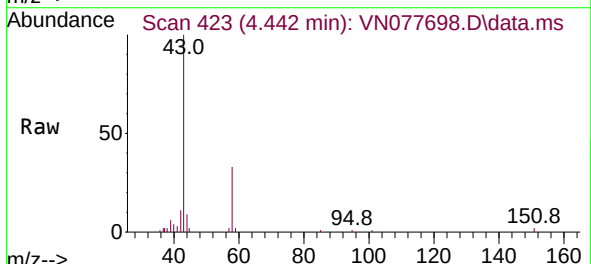
Tgt Ion: 53 Resp: 5278
Ion Ratio Lower Upper
53 100
52 82.1 65.3 97.9
51 39.9 28.9 43.3

Manual Integrations
APPROVED

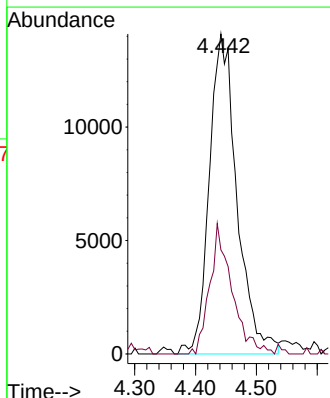
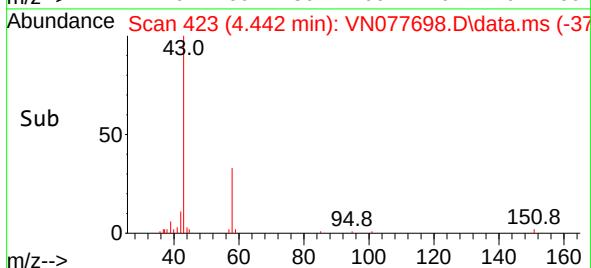
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

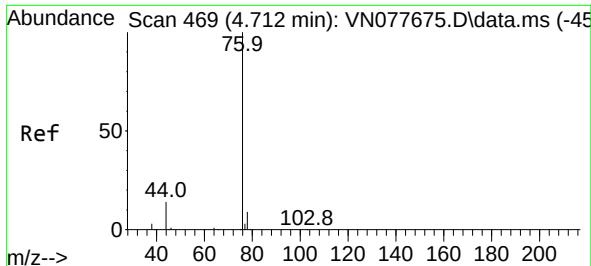


#16
Acetone
Concen: 26.863 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26



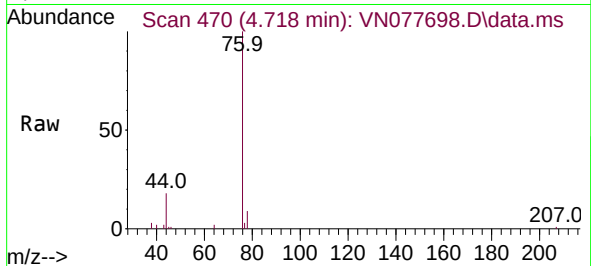
Tgt Ion: 43 Resp: 44513
Ion Ratio Lower Upper
43 100
58 32.5 28.0 42.0





#17
Carbon Disulfide
Concen: 4.513 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

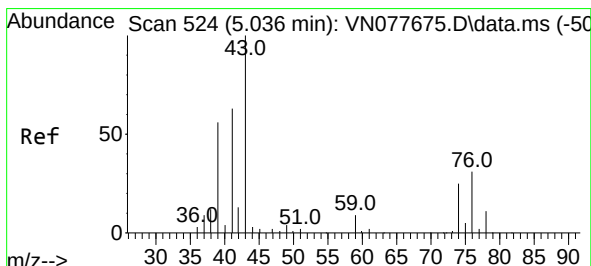
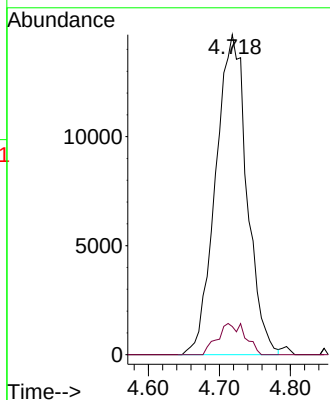
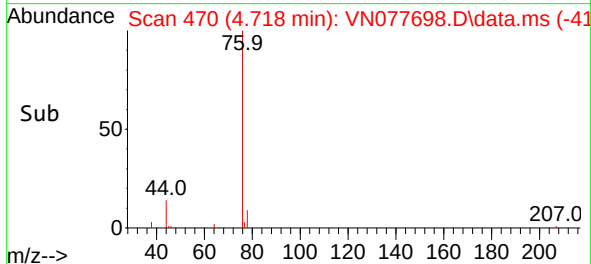
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 76 Resp: 4502
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

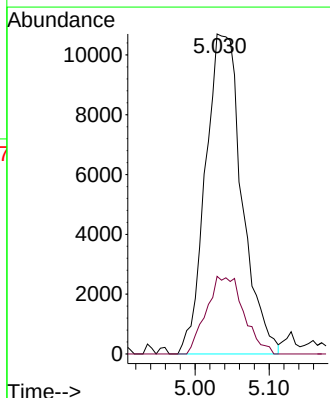
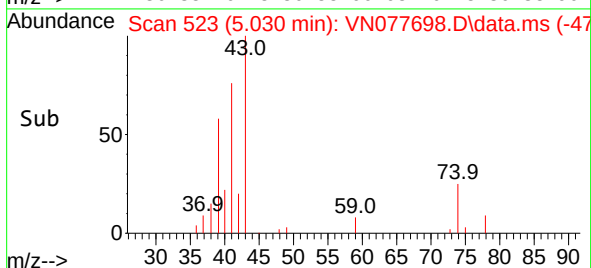
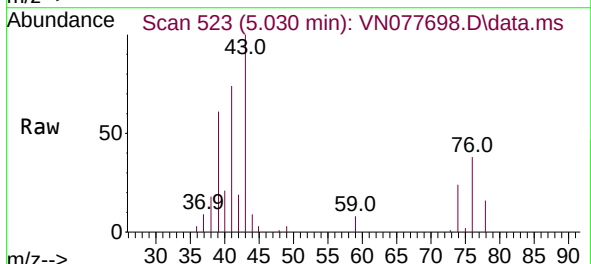
Manual Integrations
APPROVED

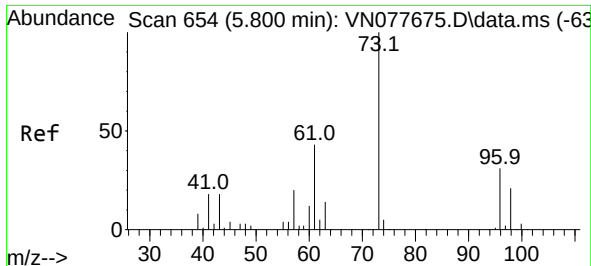
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#18
Methyl Acetate
Concen: 5.258 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

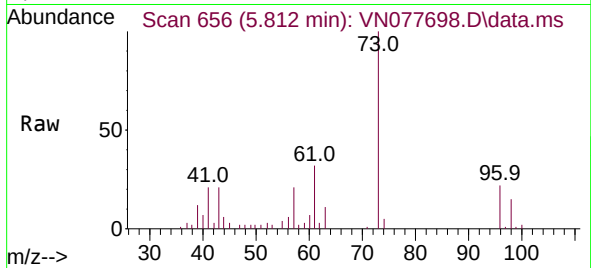
Tgt Ion: 43 Resp: 36550
Ion Ratio Lower Upper
43 100
74 24.7 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 5.286 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

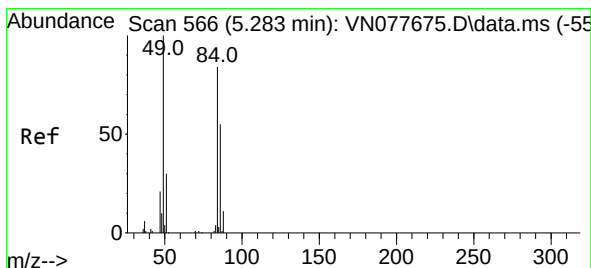
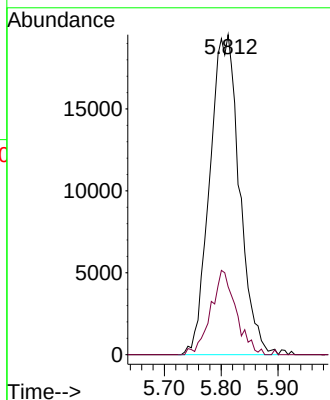
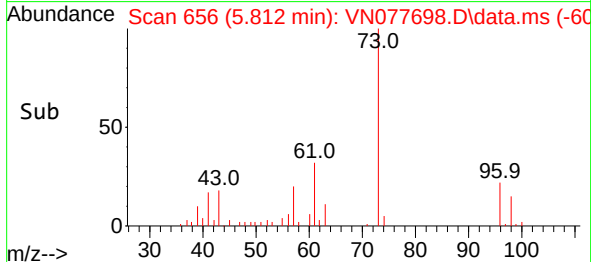
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 73 Resp: 7084
Ion Ratio Lower Upper
73 100
57 21.3 15.6 23.4

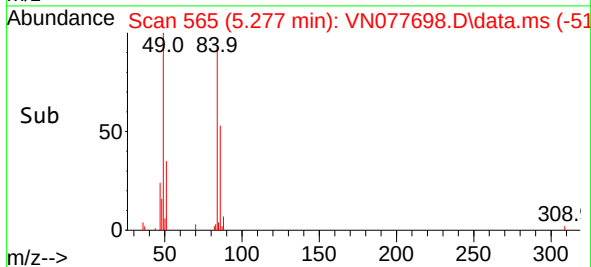
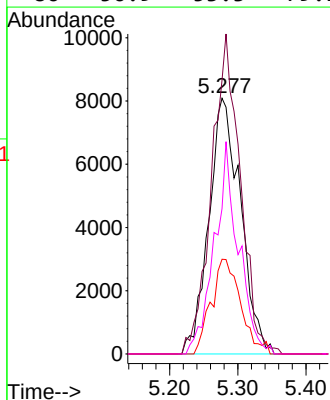
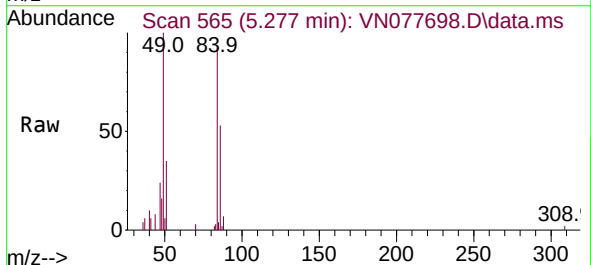
Manual Integrations
APPROVED

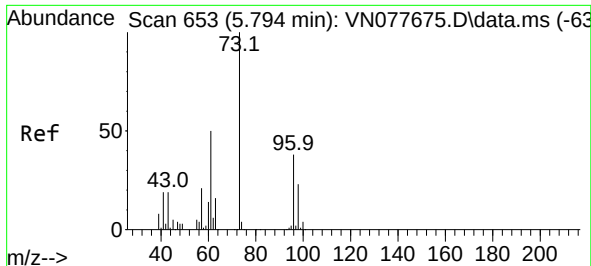
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#20
Methylene Chloride
Concen: 5.265 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

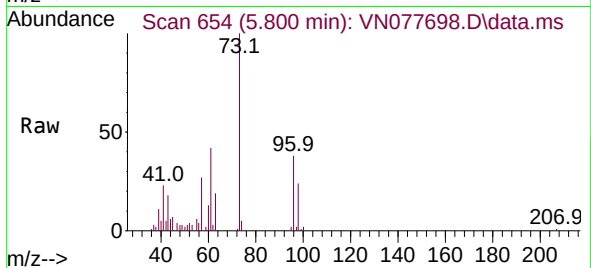
Tgt Ion: 84 Resp: 26136
Ion Ratio Lower Upper
84 100
49 107.1 79.7 119.5
51 37.0 25.2 37.8
86 56.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 4.823 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

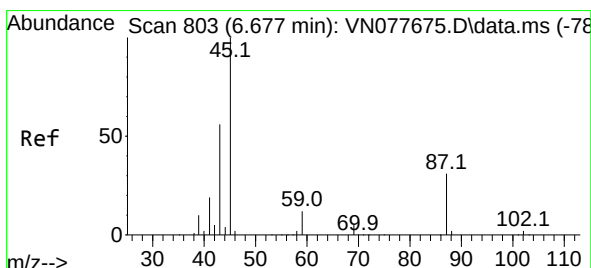
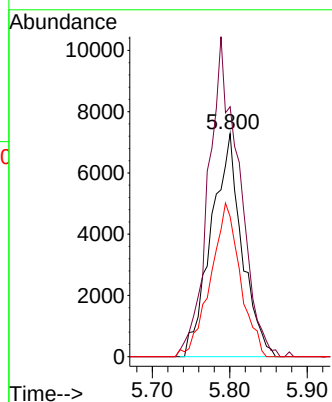
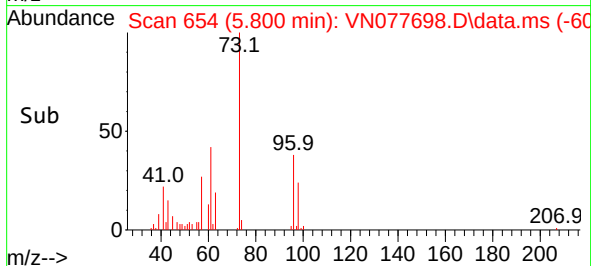
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 96 Resp: 2005
Ion Ratio Lower Upper
96 100
61 112.1 90.1 135.1
98 62.8 46.4 69.6

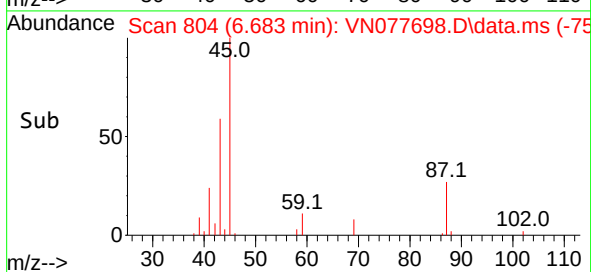
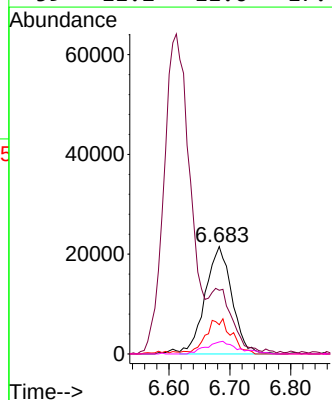
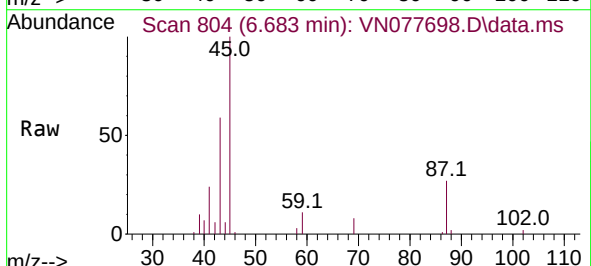
Manual Integrations
APPROVED

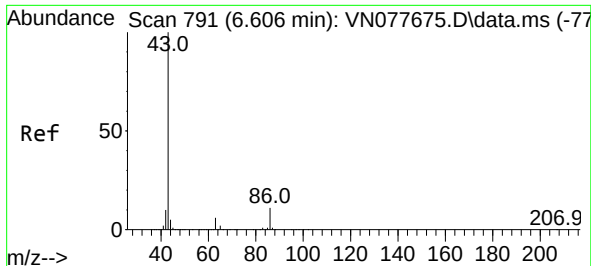
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#22
Diisopropyl ether
Concen: 5.131 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

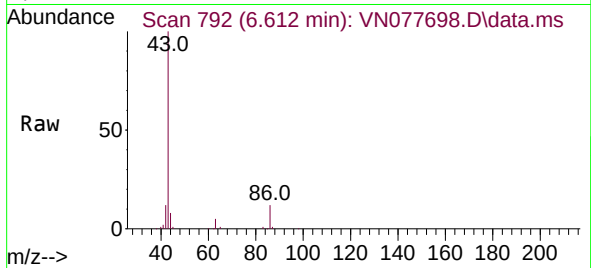
Tgt Ion: 45 Resp: 65415
Ion Ratio Lower Upper
45 100
43 56.9 45.5 68.3
87 27.3 31.8 47.8#
59 11.2 11.6 17.4#





#23
 Vinyl Acetate
 Concen: 28.782 ug/l m
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077698.D
 Acq: 16 May 2023 17:26

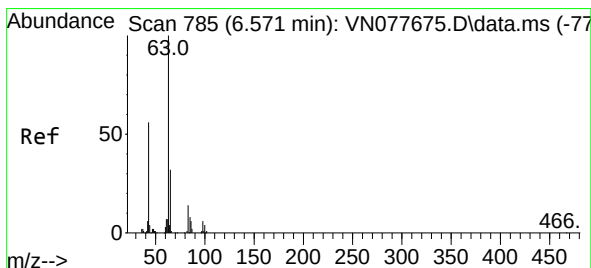
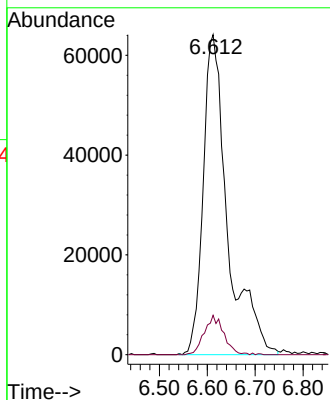
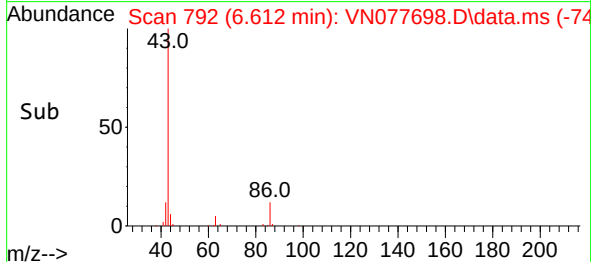
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2023



Tgt Ion: 43 Resp: 227338
 Ion Ratio Lower Upper
 43 100
 86 12.3 13.0 19.6

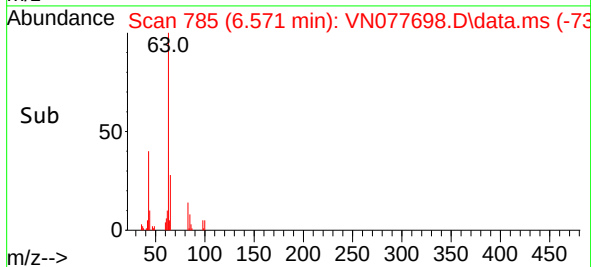
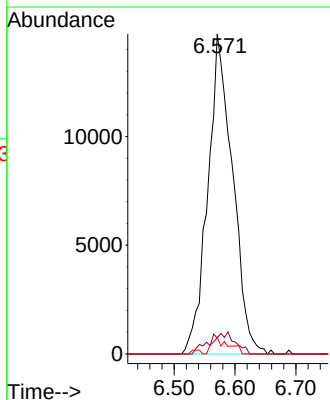
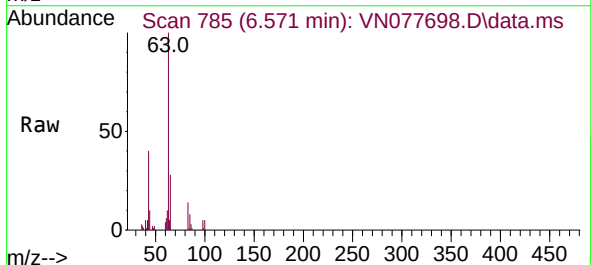
Manual Integrations
 APPROVED

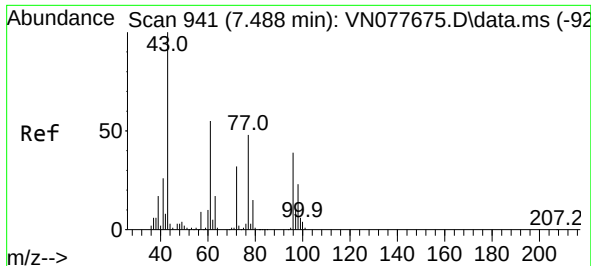
Reviewed By :John Carlone 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023



#24
 1,1-Dichloroethane
 Concen: 5.343 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN077698.D
 Acq: 16 May 2023 17:26

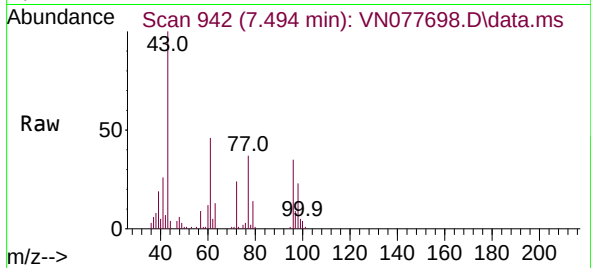
Tgt Ion: 63 Resp: 41734
 Ion Ratio Lower Upper
 63 100
 98 5.0 3.9 11.7
 100 5.1 2.5 7.4





#25
2-Butanone
Concen: 27.581 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

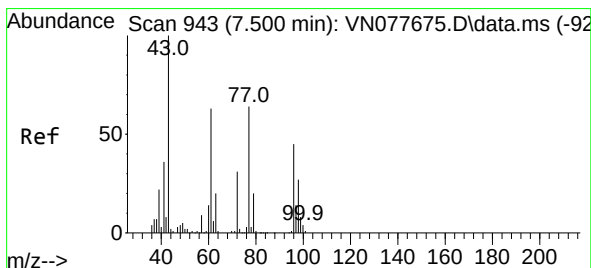
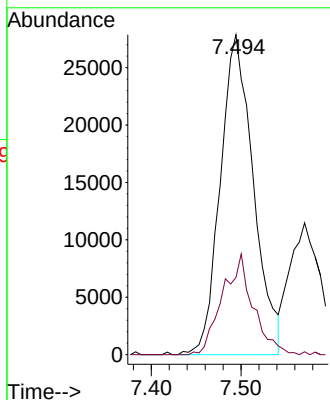
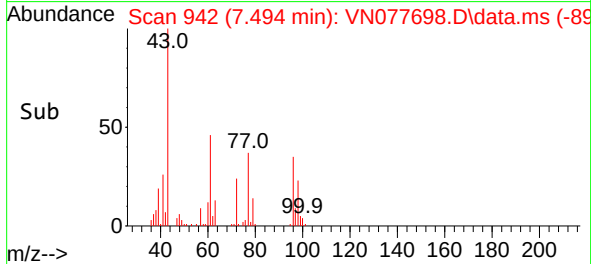
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 43 Resp: 71493
Ion Ratio Lower Upper
43 100
72 24.7 30.2 45.2

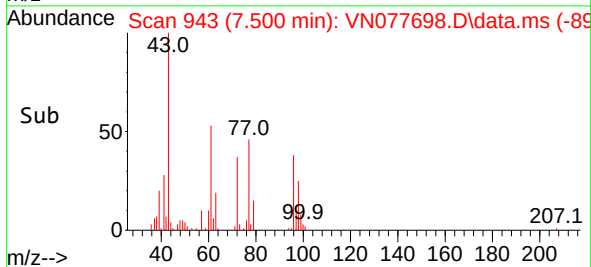
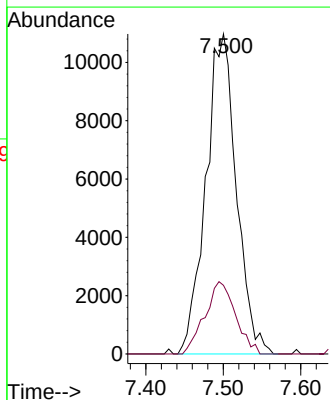
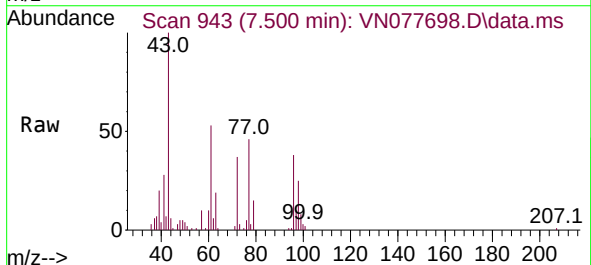
Manual Integrations
APPROVED

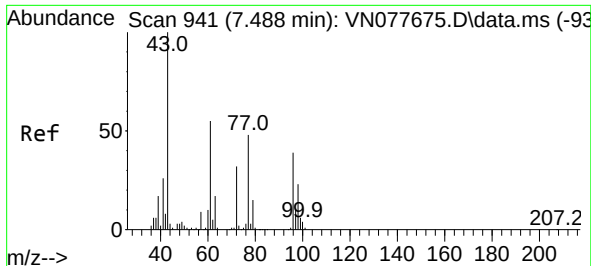
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#26
2,2-Dichloropropane
Concen: 4.531 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

Tgt Ion: 77 Resp: 30063
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 5.338 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN077698.D

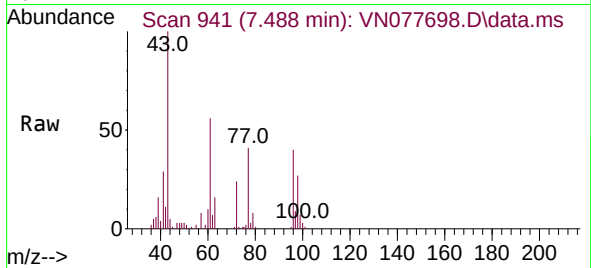
Acq: 16 May 2023 17:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2023



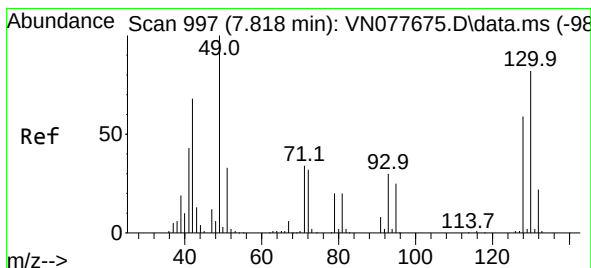
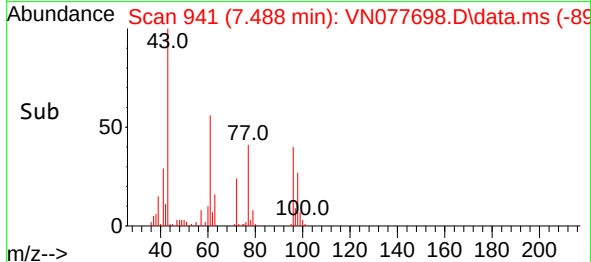
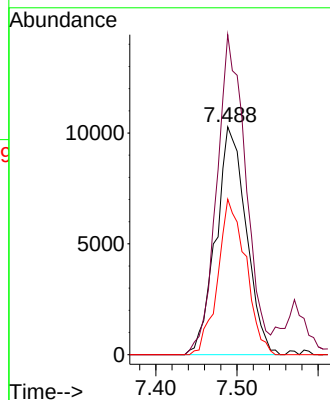
Tgt Ion:	96	Resp:	26619
Ion Ratio	Lower	Upper	
96	100		
61	135.4	0.0	255.2
98	63.3	0.0	128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#28

Bromochloromethane

Concen: 5.377 ug/l

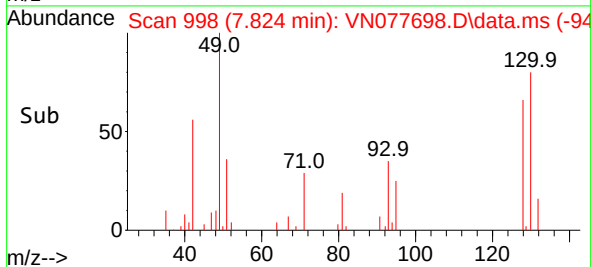
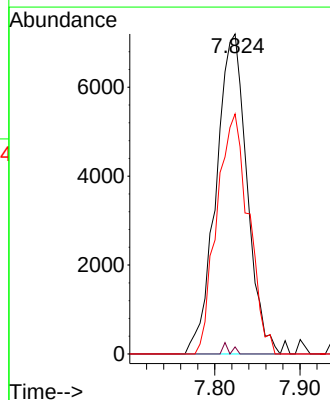
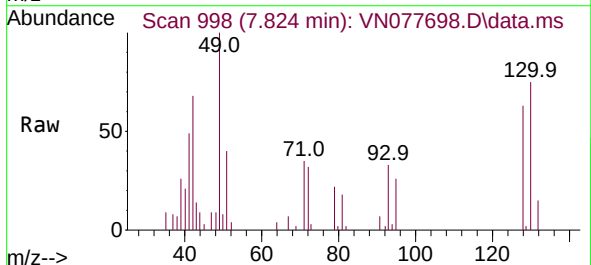
RT: 7.824 min Scan# 998

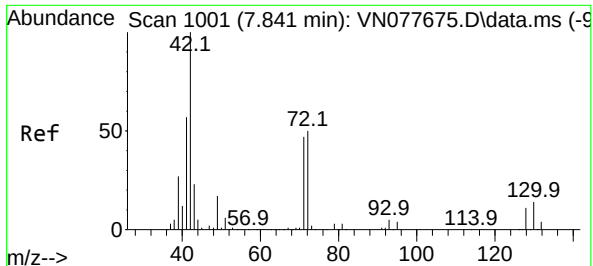
Delta R.T. 0.006 min

Lab File: VN077698.D

Acq: 16 May 2023 17:26

Tgt Ion:	49	Resp:	18163
Ion Ratio	Lower	Upper	
49	100		
129	0.8	0.0	4.8
130	77.1	75.3	112.9





#29

Tetrahydrofuran

Concen: 26.846 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077698.D

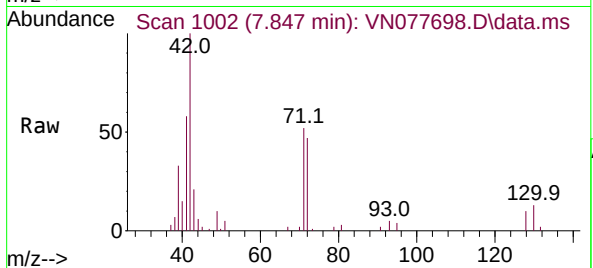
Acq: 16 May 2023 17:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2023



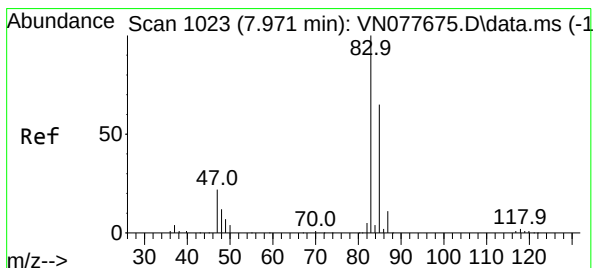
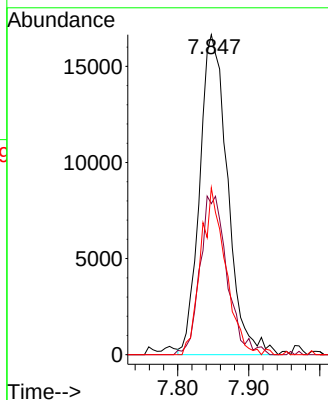
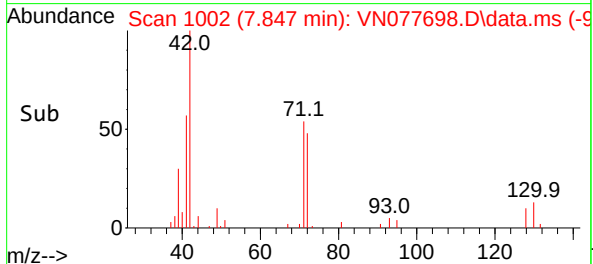
Tgt Ion:	42	Resp:	4556
Ion Ratio	Lower	Upper	
42	100		
72	48.4	49.8	74.6
71	46.1	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#30

Chloroform

Concen: 5.236 ug/l

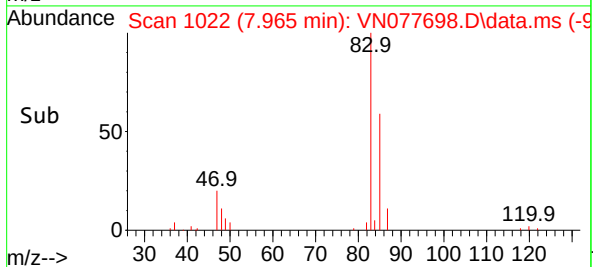
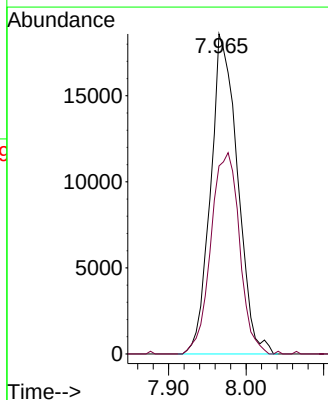
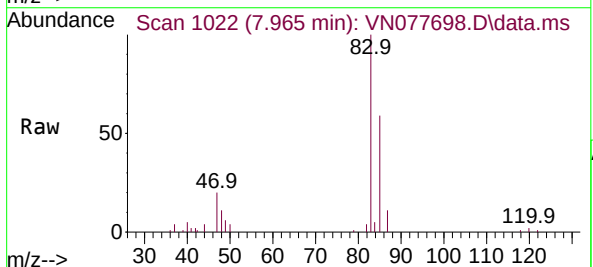
RT: 7.965 min Scan# 1022

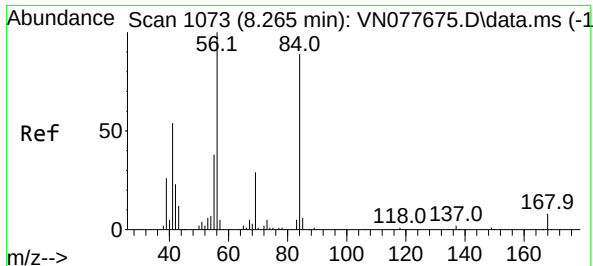
Delta R.T. -0.006 min

Lab File: VN077698.D

Acq: 16 May 2023 17:26

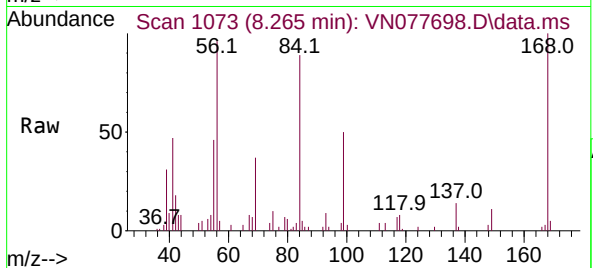
Tgt Ion:	83	Resp:	44984
Ion Ratio	Lower	Upper	
83	100		
85	58.8	55.4	83.0





#31
Cyclohexane
Concen: 5.685 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

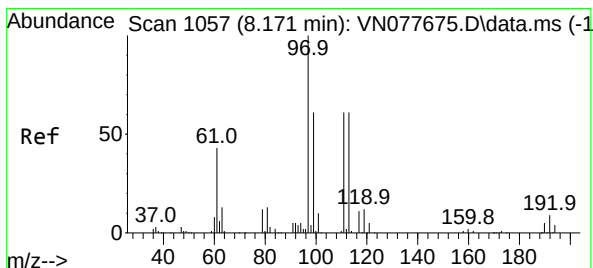
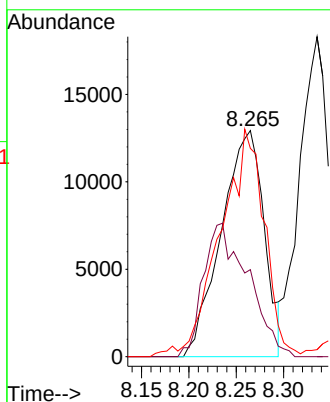
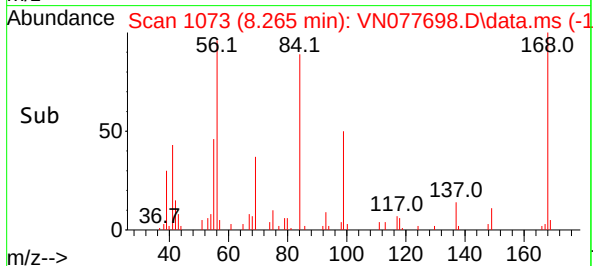
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2023



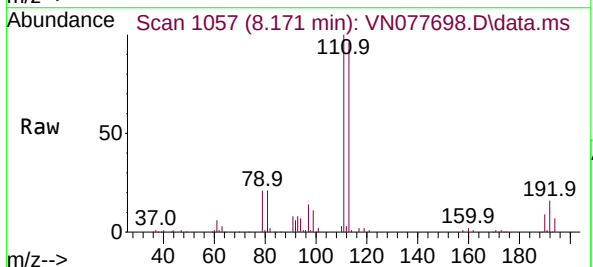
Tgt Ion: 56 Resp: 4069
Ion Ratio Lower Upper
56 100
69 38.5 26.8 40.2
84 89.6 81.8 122.6

Manual Integrations
APPROVED

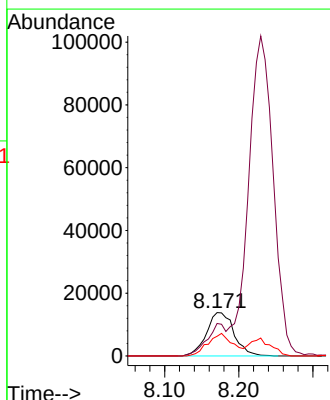
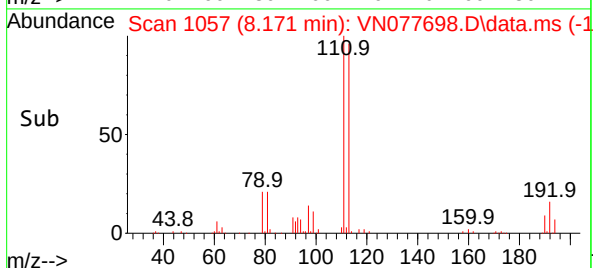
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

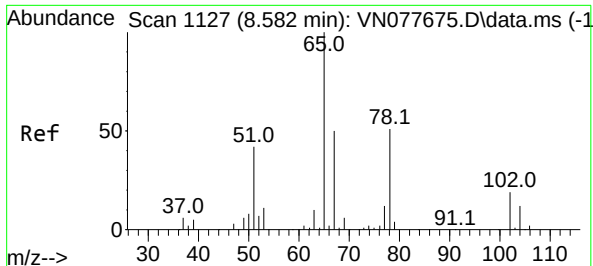


#32
1,1,1-Trichloroethane
Concen: 4.889 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26



Tgt Ion: 97 Resp: 35709
Ion Ratio Lower Upper
97 100
99 50.9 50.3 75.5
61 47.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 55.691 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN077698.D

Acq: 16 May 2023 17:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 65 Resp: 293320

Ion Ratio Lower Upper

65 100

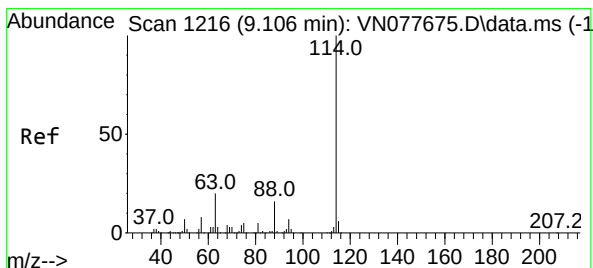
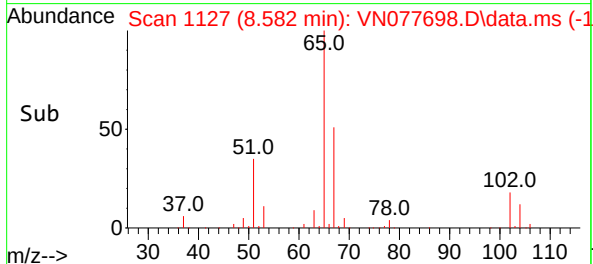
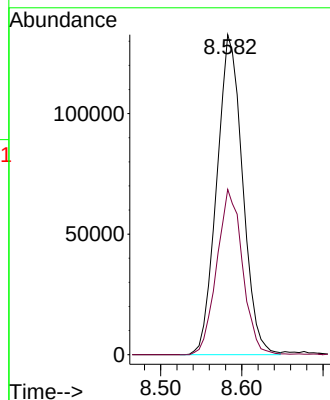
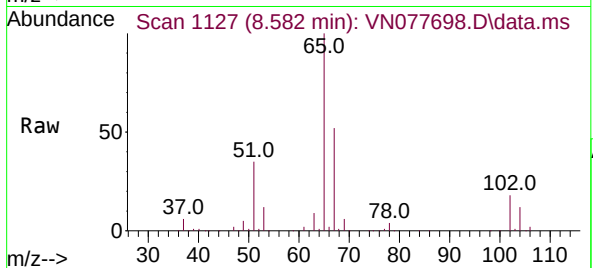
67 51.4 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN077698.D

Acq: 16 May 2023 17:26

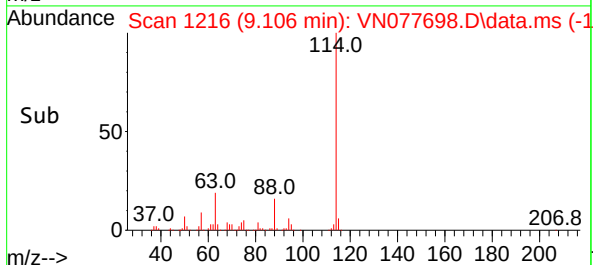
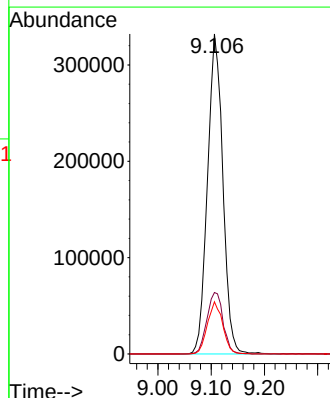
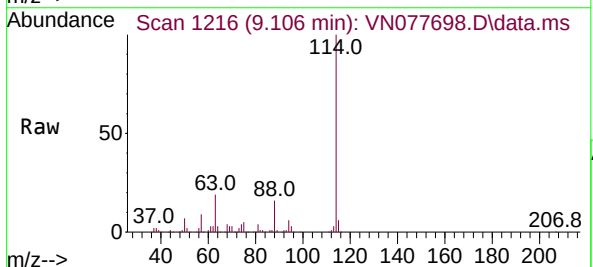
Tgt Ion:114 Resp: 665124

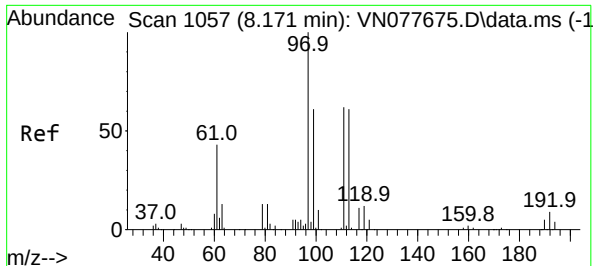
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

88 16.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.901 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077698.D

Acq: 16 May 2023 17:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2023

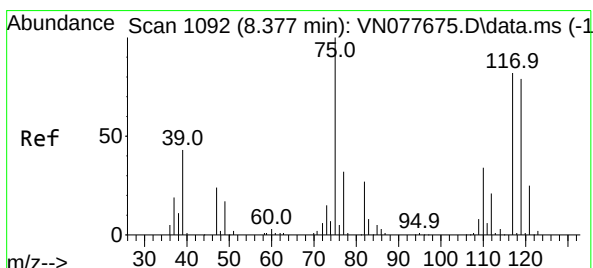
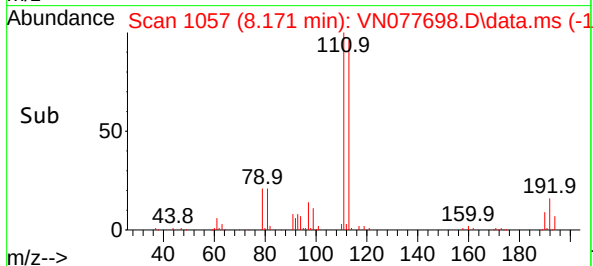
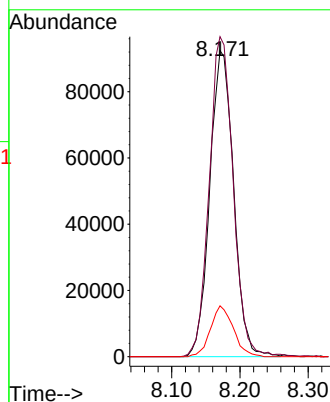
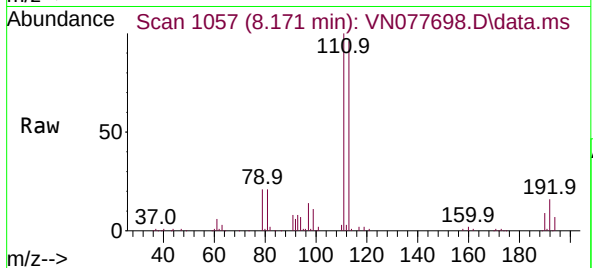
Tgt Ion:	113	Resp:	22510
Ion Ratio	Lower	Upper	
113	100		
111	105.1	82.6	123.8
192	16.0	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#36

1,1-Dichloropropene

Concen: 4.796 ug/l

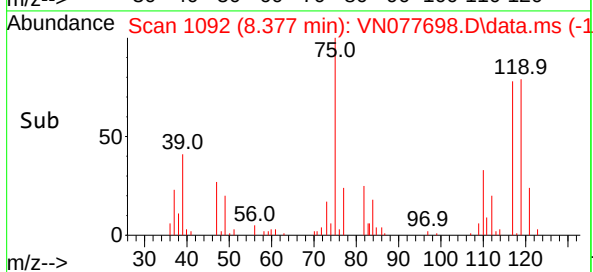
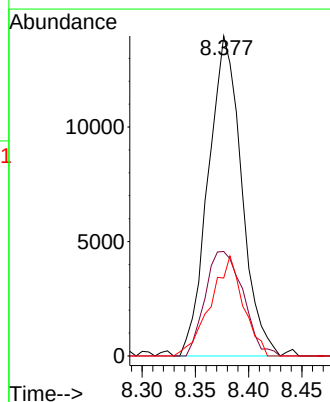
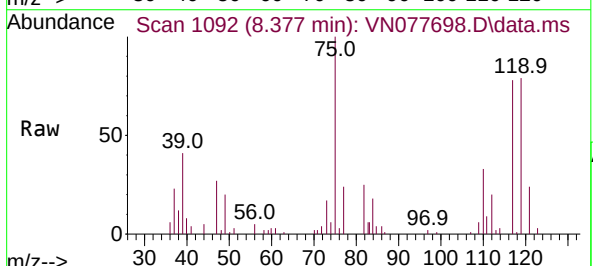
RT: 8.377 min Scan# 1092

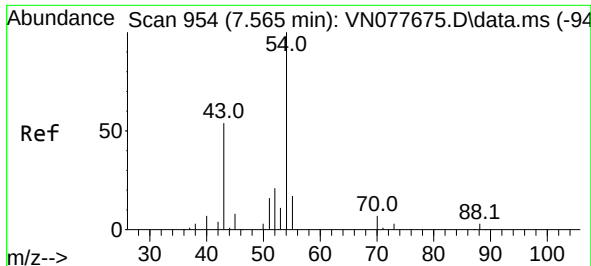
Delta R.T. -0.000 min

Lab File: VN077698.D

Acq: 16 May 2023 17:26

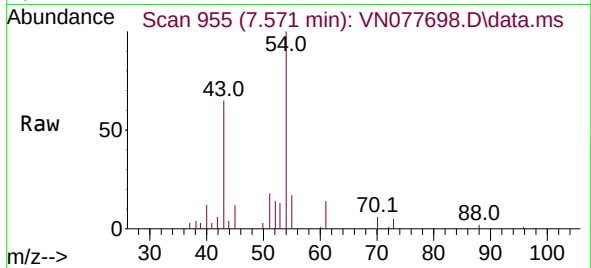
Tgt Ion:	75	Resp:	30428
Ion Ratio	Lower	Upper	
75	100		
110	37.0	19.1	57.3
77	30.7	25.0	37.4





#37
Ethyl Acetate
Concen: 5.224 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

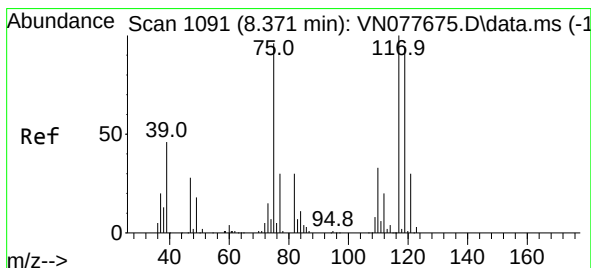
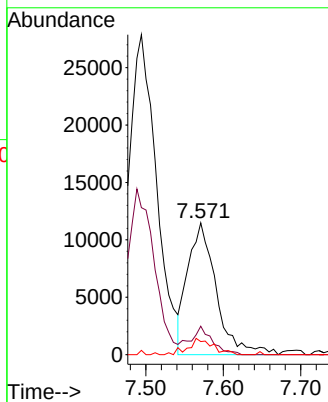
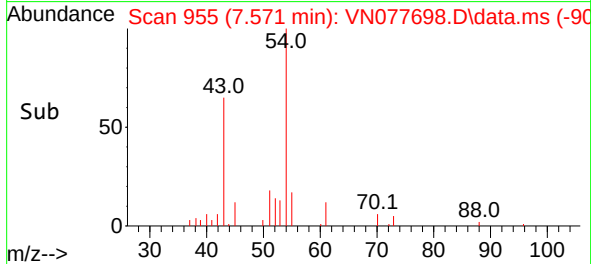
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 43 Resp: 29530
Ion Ratio Lower Upper
43 100
61 16.7 13.2 19.8
70 10.4 11.3 16.9

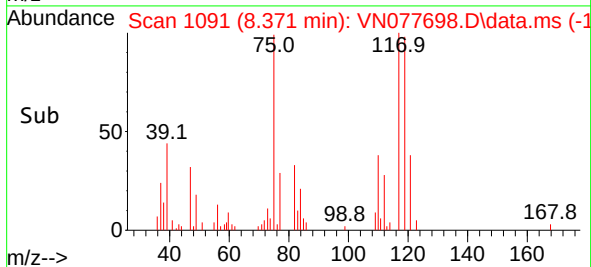
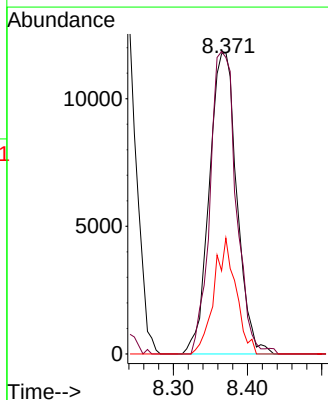
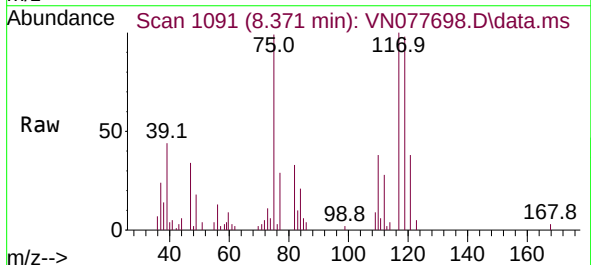
Manual Integrations
APPROVED

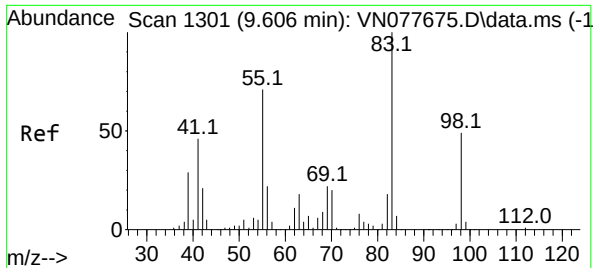
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#38
Carbon Tetrachloride
Concen: 4.754 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

Tgt Ion:117 Resp: 30451
Ion Ratio Lower Upper
117 100
119 98.3 77.3 115.9
121 38.4 23.3 34.9





#39

Methylcyclohexane

Concen: 4.613 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077698.D

Acq: 16 May 2023 17:26

Instrument :

MSVOA_N

ClientSampleId :

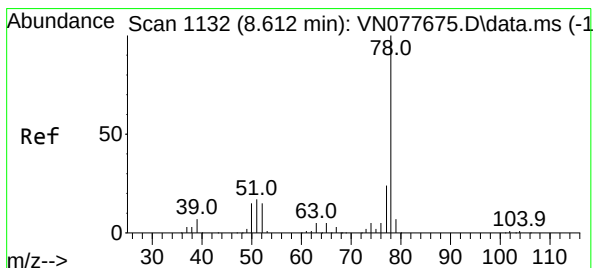
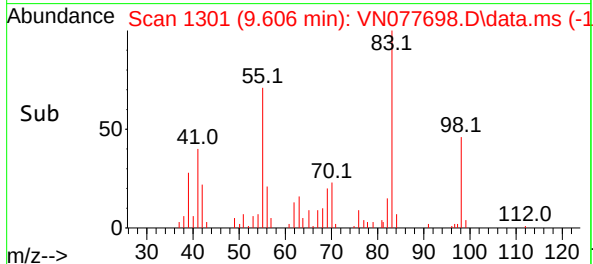
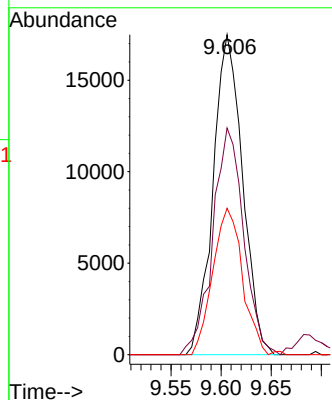
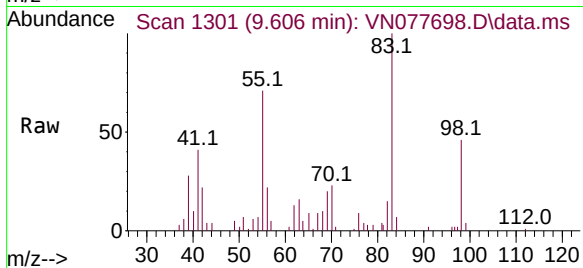
LOQ-WATER-02-QT2-2023

Tgt Ion: 83	Resp: 35824
Ion Ratio	Lower Upper
83	100
55	70.8 49.1 73.7
98	45.8 40.6 61.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#40

Benzene

Concen: 5.130 ug/l

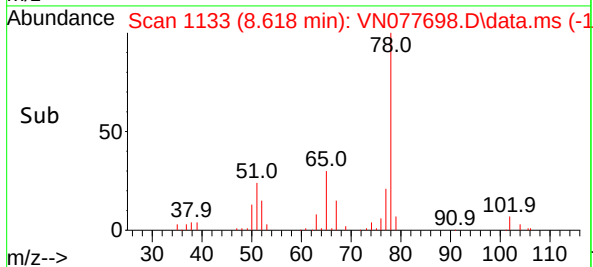
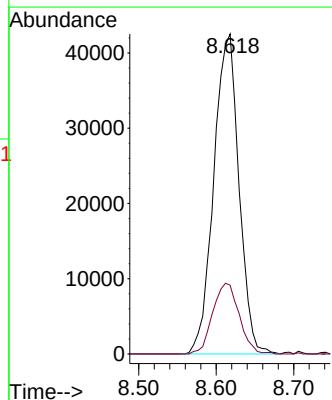
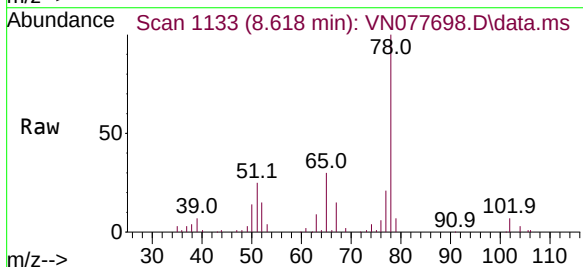
RT: 8.618 min Scan# 1133

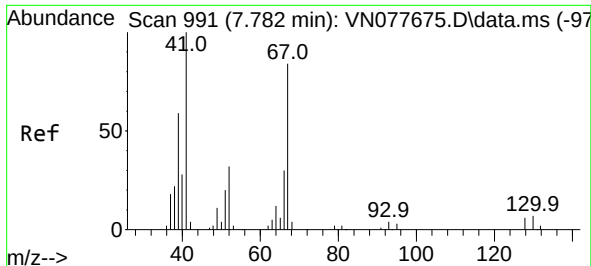
Delta R.T. 0.006 min

Lab File: VN077698.D

Acq: 16 May 2023 17:26

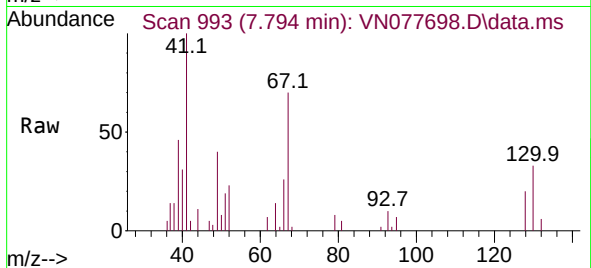
Tgt Ion: 78	Resp: 96032
Ion Ratio	Lower Upper
78	100
77	21.5 19.0 28.6





#41
Methacrylonitrile
Concen: 5.283 ug/l
RT: 7.794 min Scan# 991
Delta R.T. 0.012 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

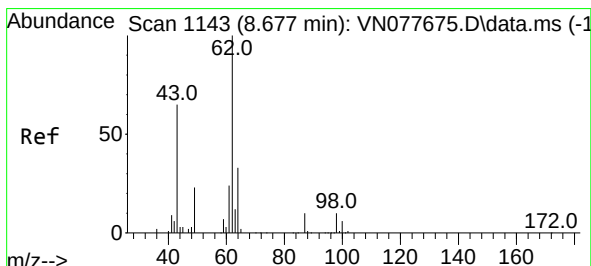
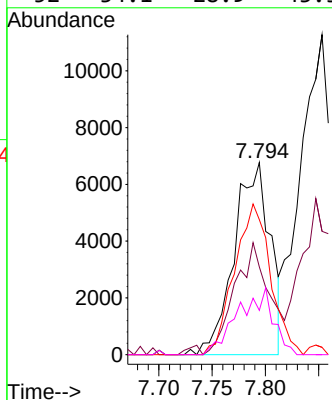
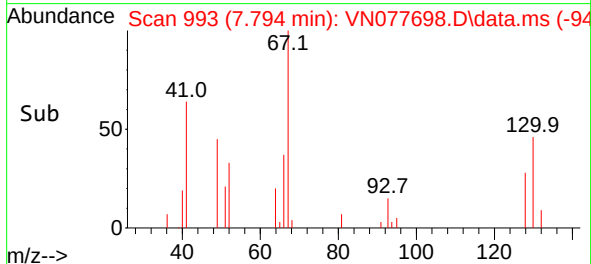
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 41 Resp: 15909
Ion Ratio Lower Upper
41 100
39 56.5 42.6 64.0
67 78.6 77.5 116.3
52 34.1 28.9 43.3

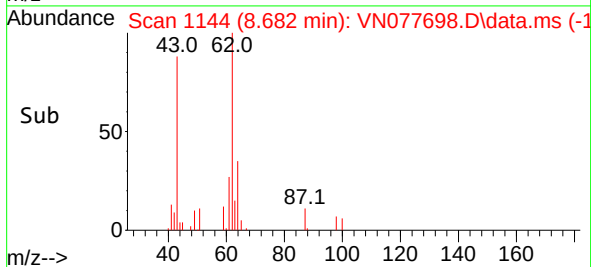
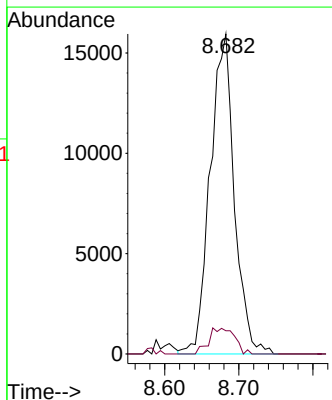
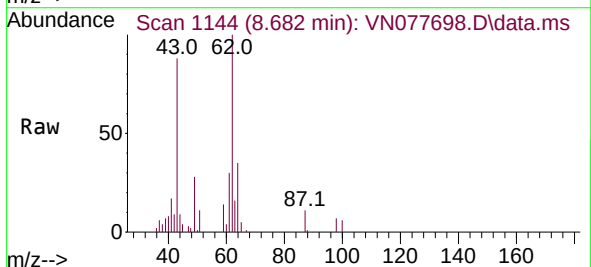
Manual Integrations
APPROVED

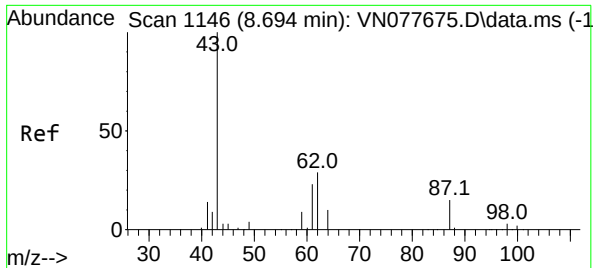
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#42
1,2-Dichloroethane
Concen: 5.312 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

Tgt Ion: 62 Resp: 36123
Ion Ratio Lower Upper
62 100
98 8.6 0.0 19.8





#43

Isopropyl Acetate

Concen: 5.142 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN077698.D

Acq: 16 May 2023 17:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2023

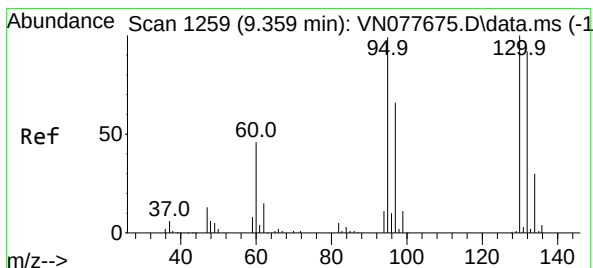
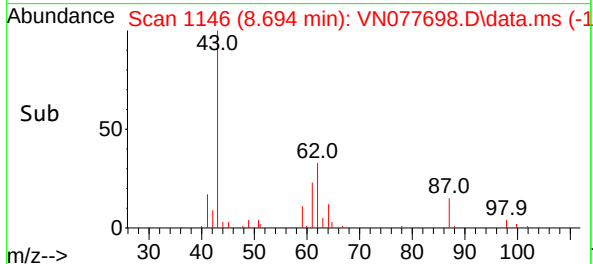
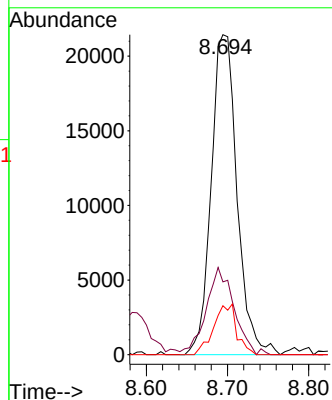
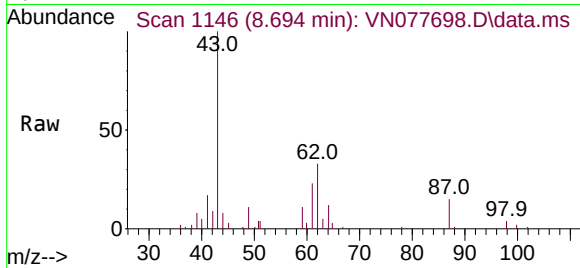
Tgt Ion: 43	Resp: 4748
Ion Ratio	Lower Upper
43 100	
61 29.5	24.7 37.1
87 14.0	14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#44

Trichloroethene

Concen: 4.875 ug/l

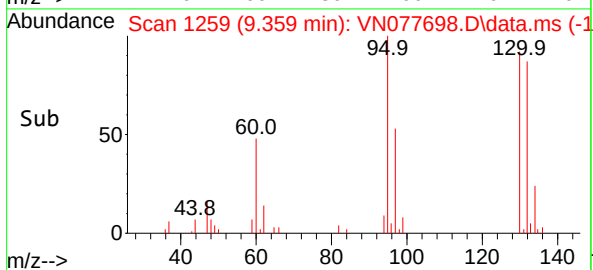
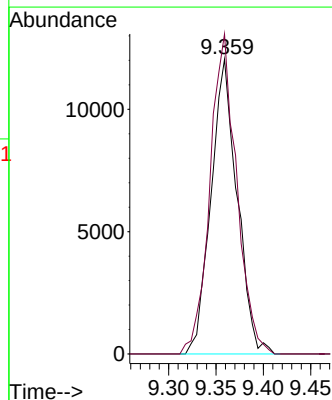
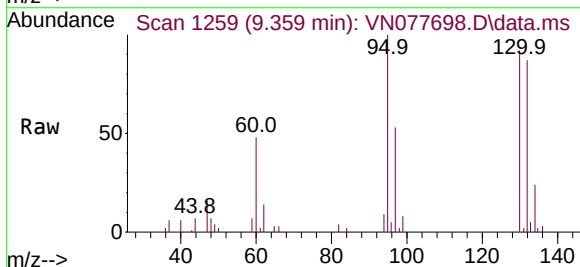
RT: 9.359 min Scan# 1259

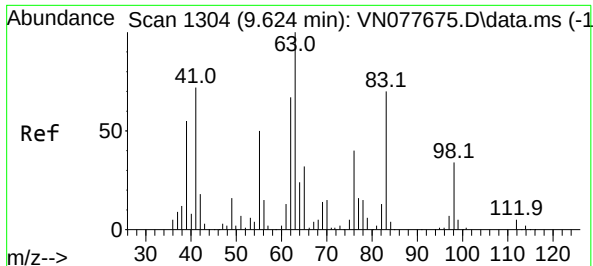
Delta R.T. -0.000 min

Lab File: VN077698.D

Acq: 16 May 2023 17:26

Tgt Ion:130	Resp: 23110
Ion Ratio	Lower Upper
130 100	
95 108.6	0.0 204.6





#45

1,2-Dichloropropane

Concen: 5.095 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN077698.D

Acq: 16 May 2023 17:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 63 Resp: 24330

Ion Ratio Lower Upper

63 100

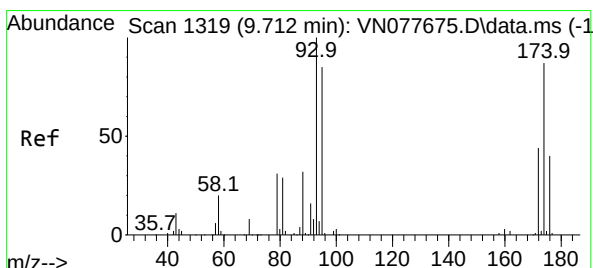
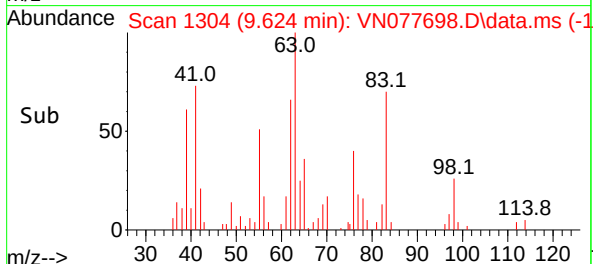
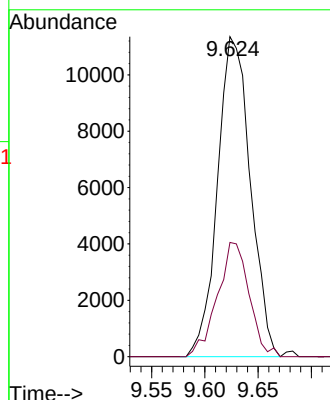
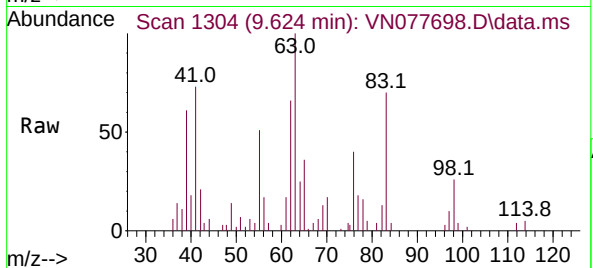
65 35.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#46

Dibromomethane

Concen: 5.142 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077698.D

Acq: 16 May 2023 17:26

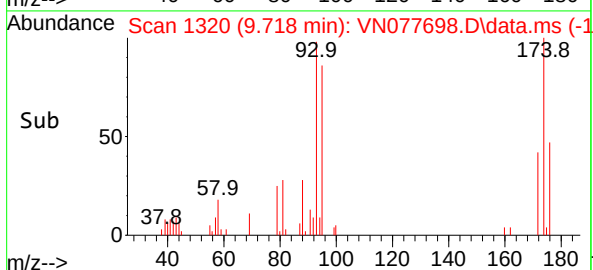
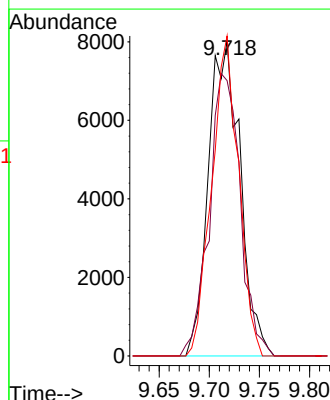
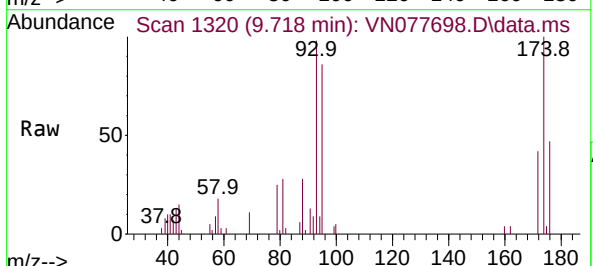
Tgt Ion: 93 Resp: 17568

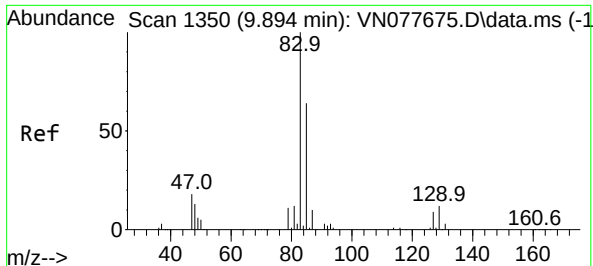
Ion Ratio Lower Upper

93 100

95 87.7 63.8 95.8

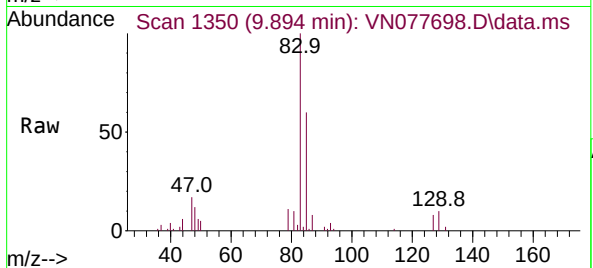
174 86.4 65.6 98.4





#47
Bromodichloromethane
Concen: 5.209 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

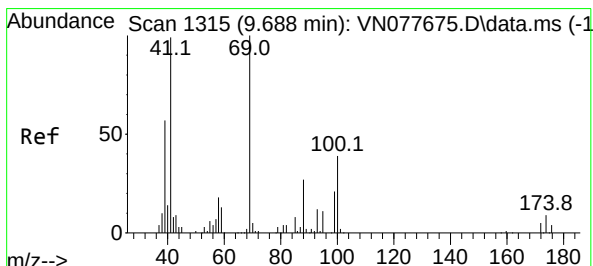
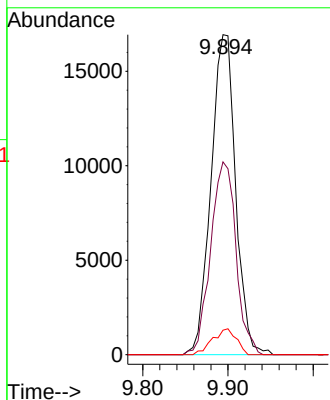
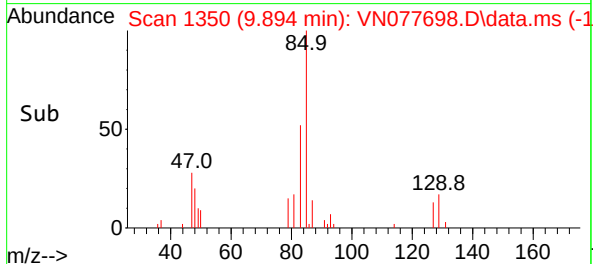
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 83 Resp: 34072
Ion Ratio Lower Upper
83 100
85 60.3 49.6 74.4
127 7.6 7.0 10.6

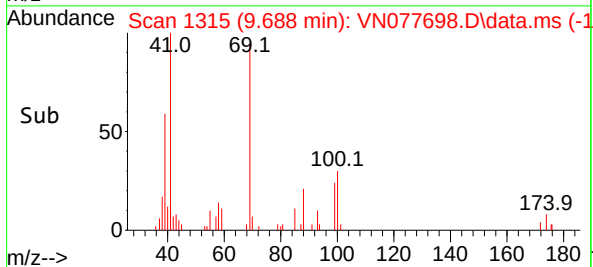
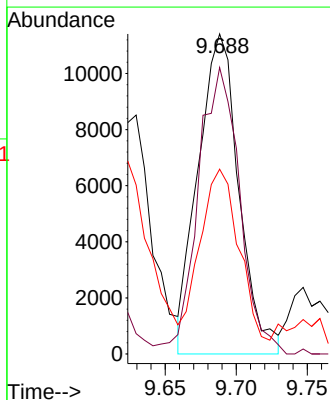
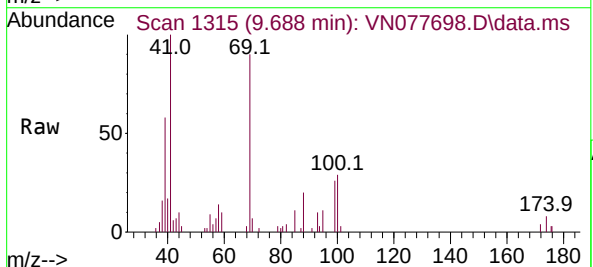
Manual Integrations
APPROVED

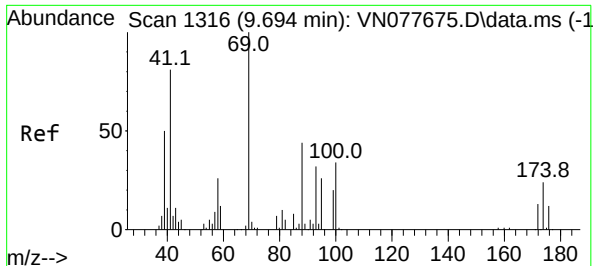
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#48
Methyl methacrylate
Concen: 5.200 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

Tgt Ion: 41 Resp: 22772
Ion Ratio Lower Upper
41 100
69 91.3 90.4 135.6
39 58.2 54.6 81.8





#49

1,4-Dioxane

Concen: 116.499 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.012 min

Lab File: VN077698.D

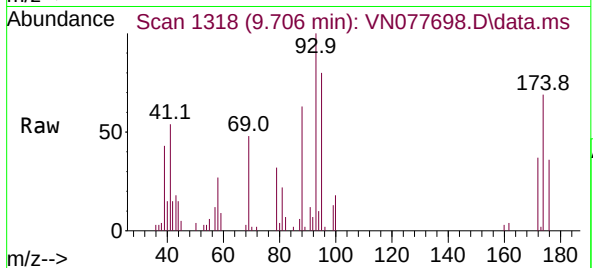
Acq: 16 May 2023 17:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2023



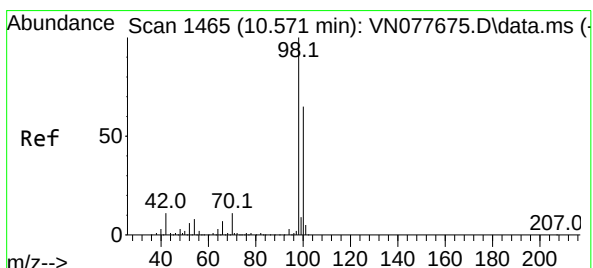
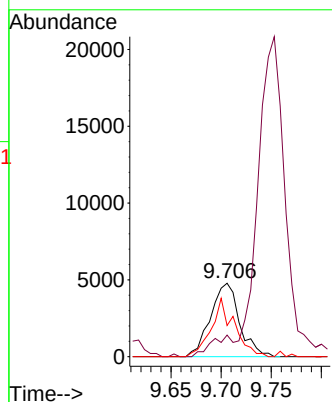
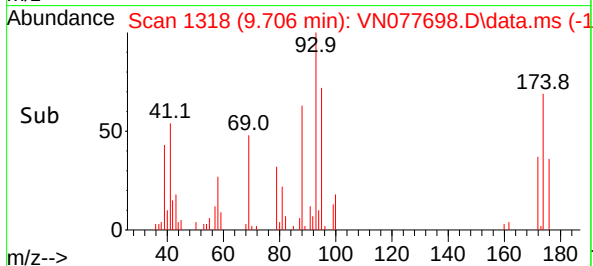
Tgt Ion:	88	Resp:	963
Ion	Ratio	Lower	Upper
88	100		
43	0.0	17.0	25.6
58	63.4	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#50

Toluene-d8

Concen: 51.574 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN077698.D

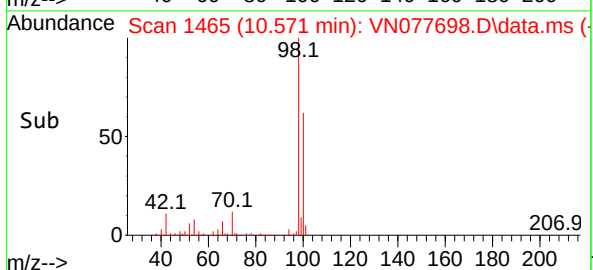
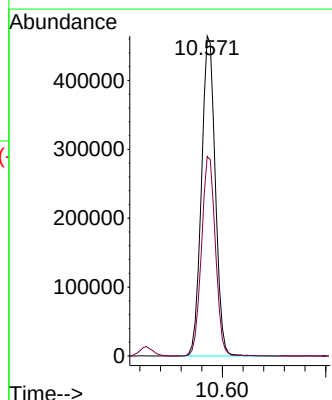
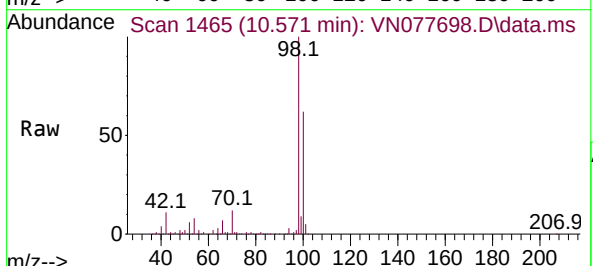
Acq: 16 May 2023 17:26

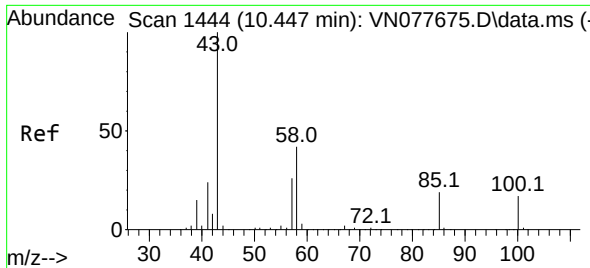
Tgt Ion: 98 Resp: 860983

Ion Ratio Lower Upper

98 100

100 62.9 52.0 78.0





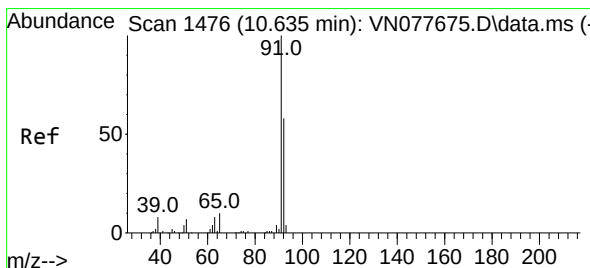
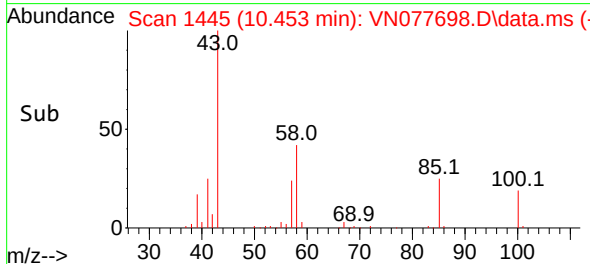
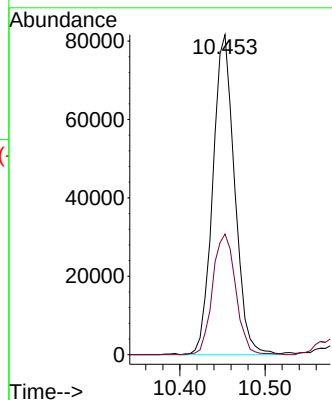
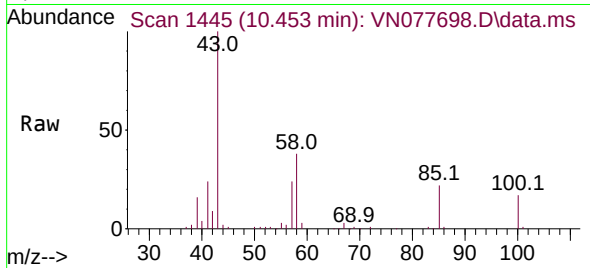
#51
4-Methyl-2-Pentanone
Concen: 26.472 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion: 43 Resp: 145329
Ion Ratio Lower Upper
43 100
58 39.9 36.6 54.8

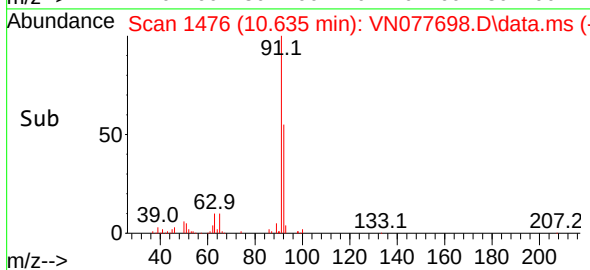
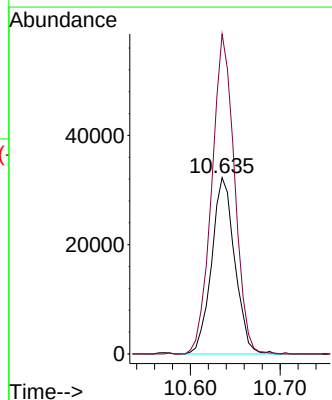
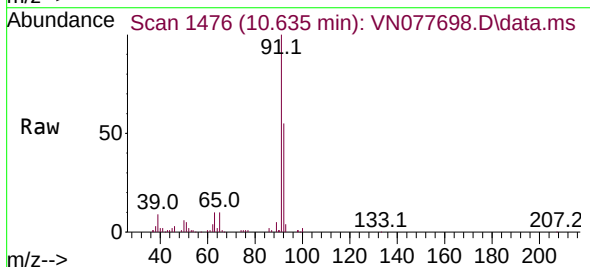
Manual Integrations
APPROVED

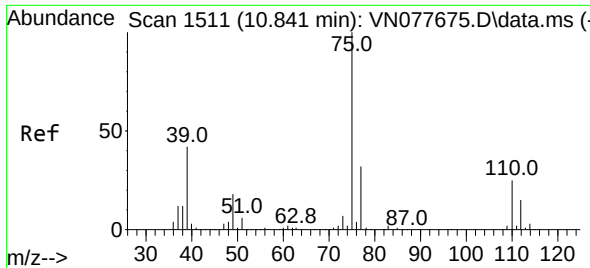
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#52
Toluene
Concen: 4.962 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

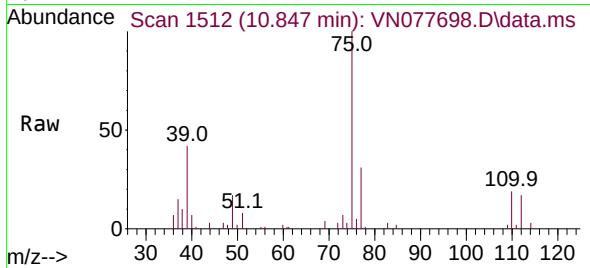
Tgt Ion: 92 Resp: 57831
Ion Ratio Lower Upper
92 100
91 178.2 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 4.725 ug/l
RT: 10.847 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

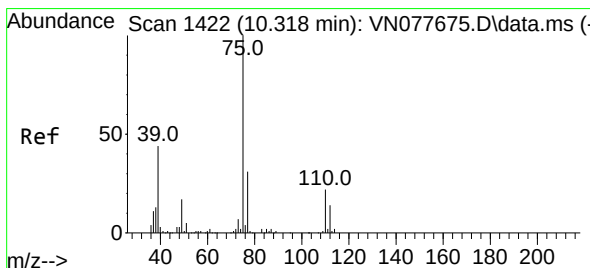
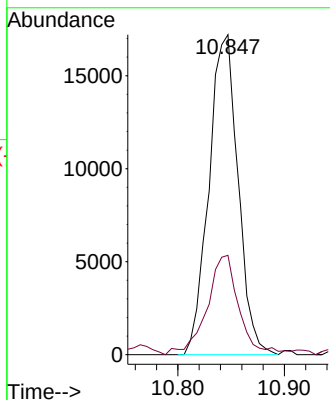
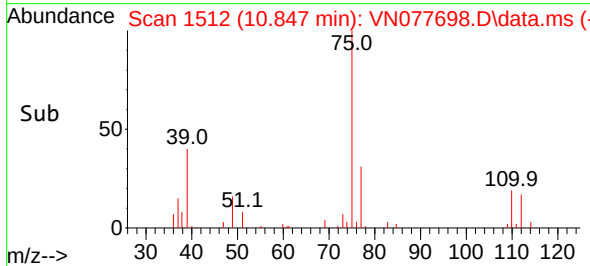
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2023



Tgt Ion: 75 Resp: 3273
Ion Ratio Lower Upper
75 100
77 30.0 25.4 38.0

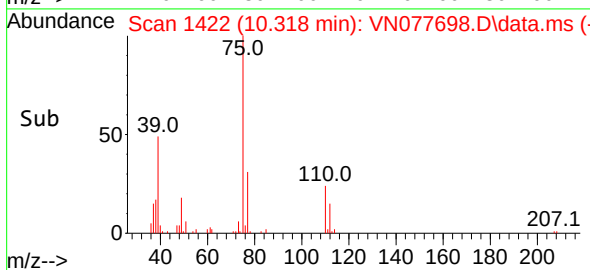
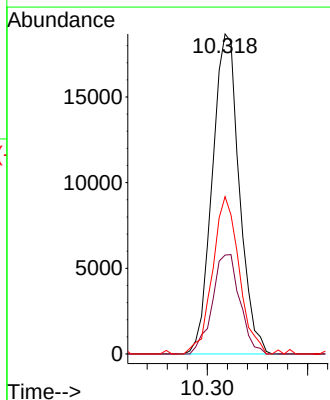
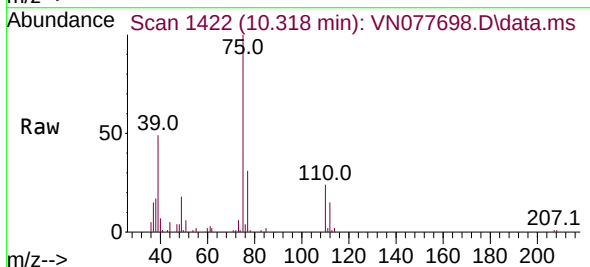
Manual Integrations
APPROVED

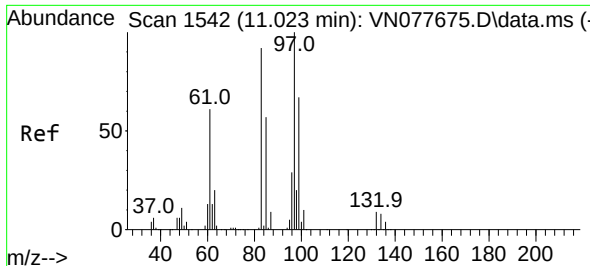
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#54
cis-1,3-Dichloropropene
Concen: 4.575 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

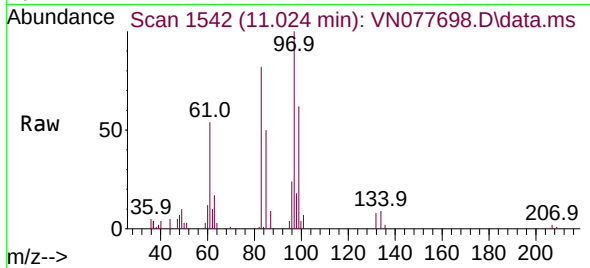
Tgt Ion: 75 Resp: 34924
Ion Ratio Lower Upper
75 100
77 30.9 26.1 39.1
39 49.1 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 5.243 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.001 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

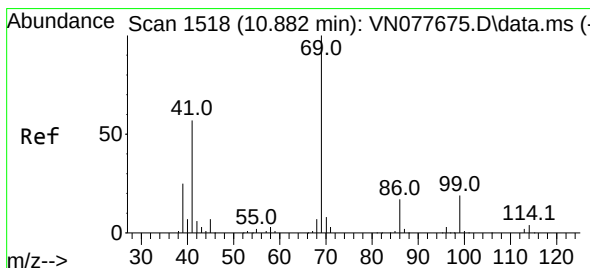
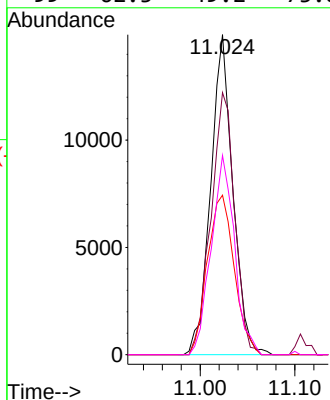
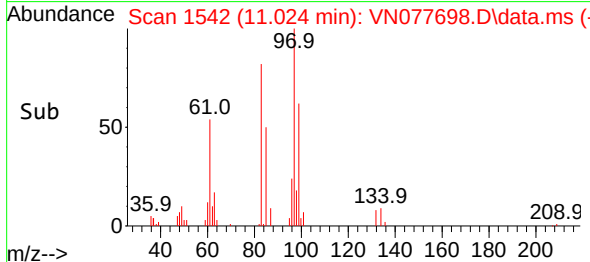
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2023



Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.9	65.1	97.7
85	49.9	43.4	65.2
99	62.3	49.2	73.8

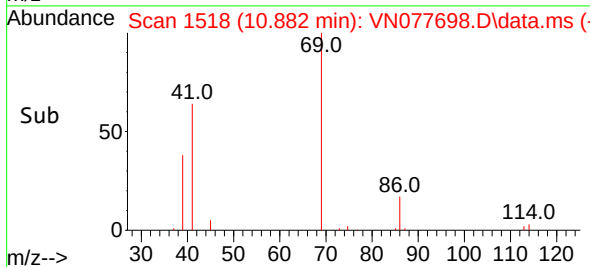
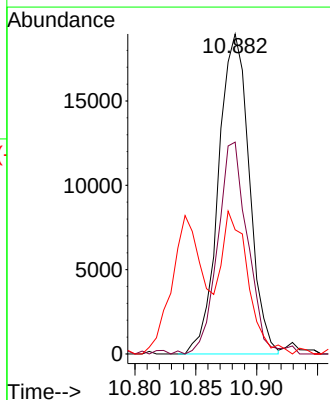
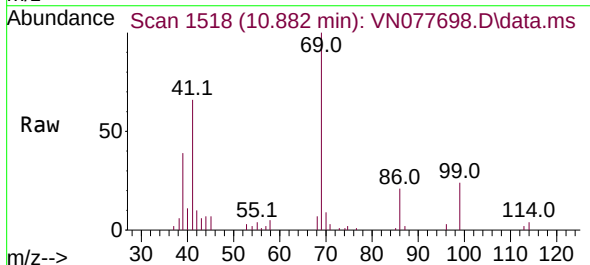
Manual Integrations
APPROVED

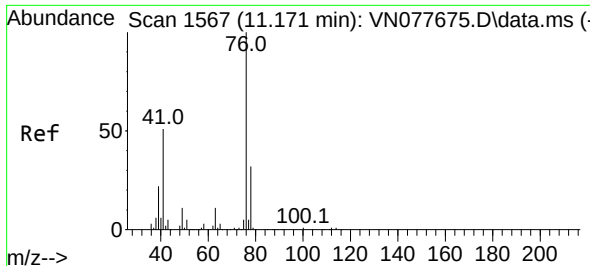
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#56
Ethyl methacrylate
Concen: 4.776 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.6	39.6	59.4
39	38.2	28.6	43.0





#57

1,3-Dichloropropane

Concen: 5.307 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN077698.D

Acq: 16 May 2023 17:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 76 Resp: 4210

Ion Ratio Lower Upper

76 100

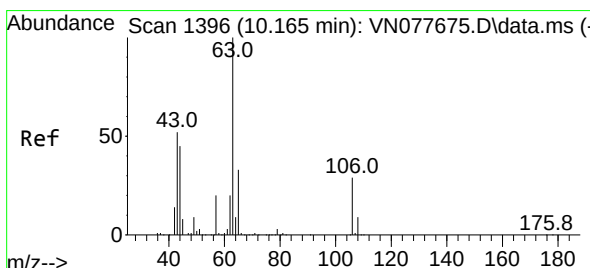
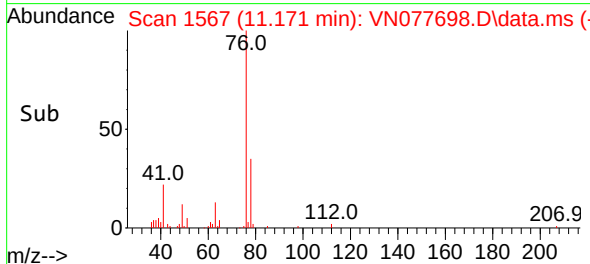
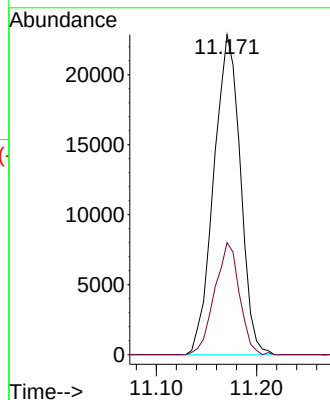
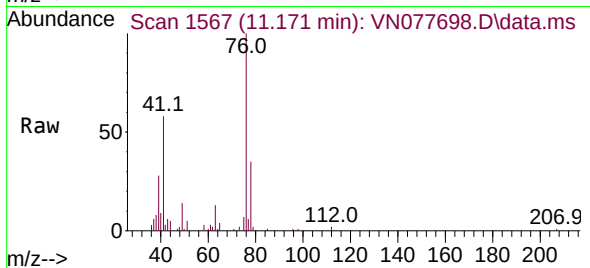
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 24.810 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077698.D

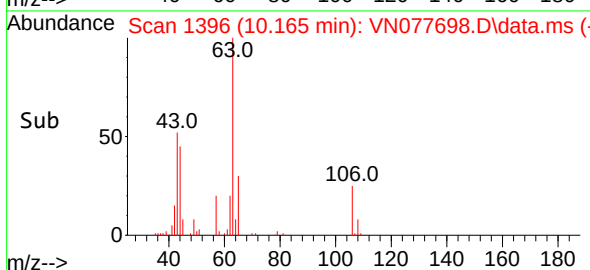
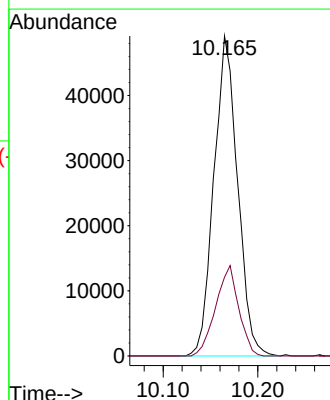
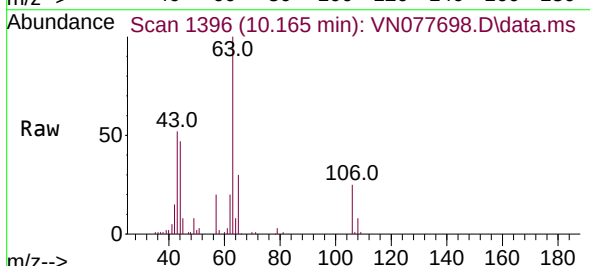
Acq: 16 May 2023 17:26

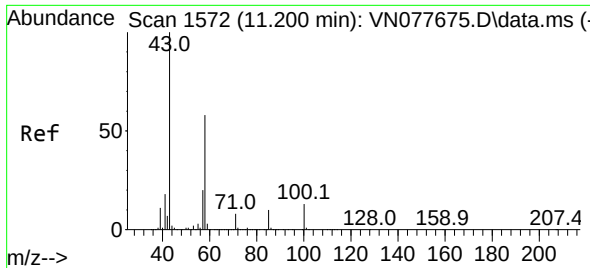
Tgt Ion: 63 Resp: 85400

Ion Ratio Lower Upper

63 100

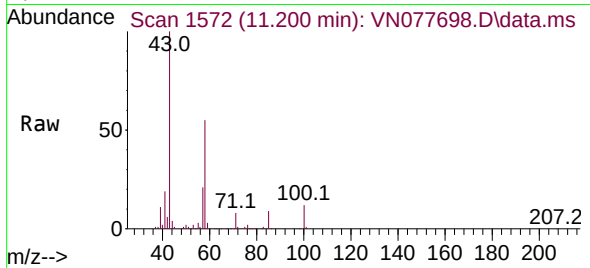
106 27.5 26.2 39.4





#59
2-Hexanone
Concen: 26.203 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

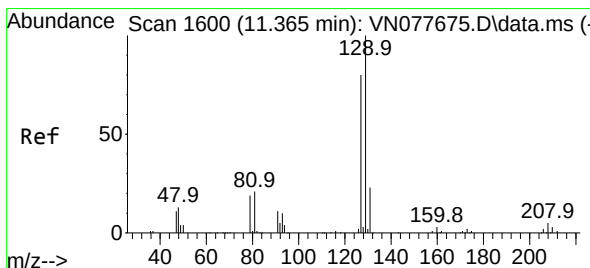
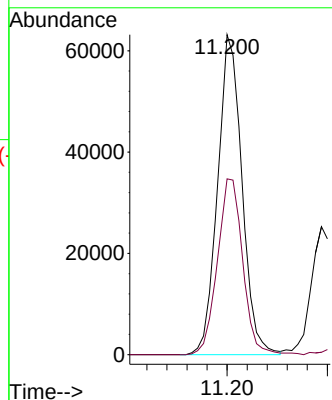
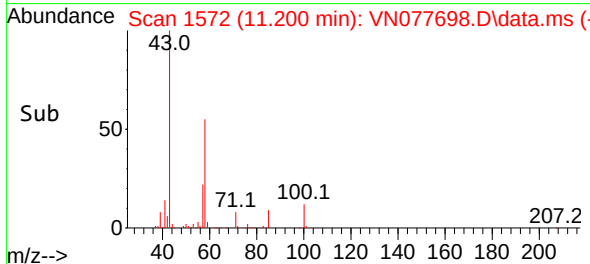
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 43 Resp: 10640
Ion Ratio Lower Upper
43 100
58 57.2 31.7 95.1

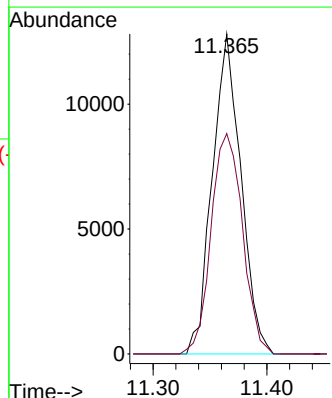
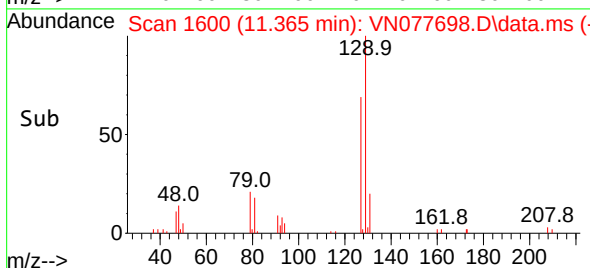
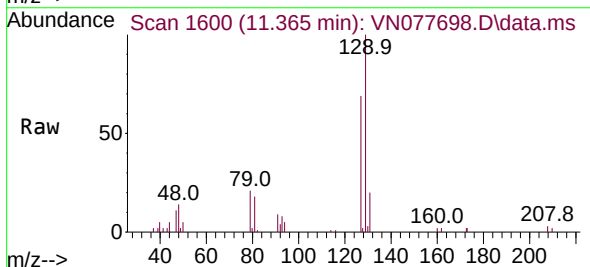
Manual Integrations
APPROVED

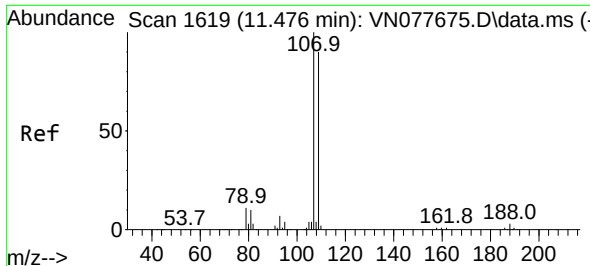
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#60
Dibromochloromethane
Concen: 4.695 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

Tgt Ion:129 Resp: 22427
Ion Ratio Lower Upper
129 100
127 75.5 38.6 116.0





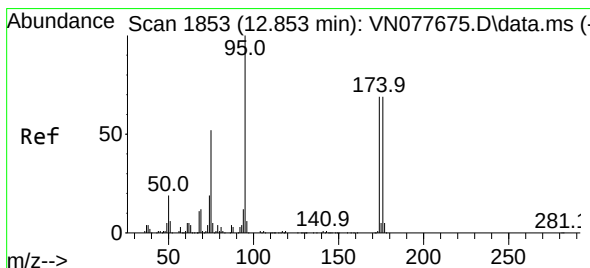
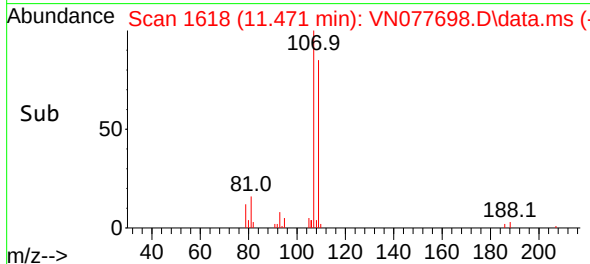
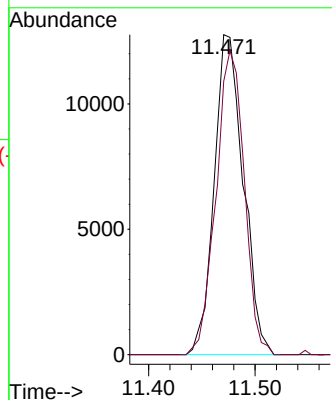
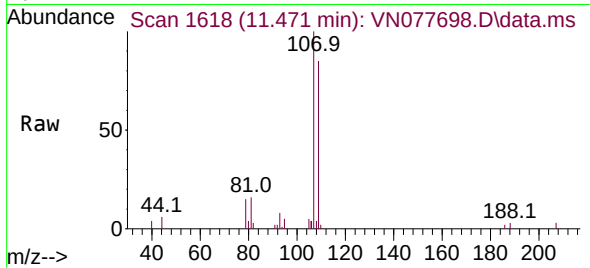
#61
1,2-Dibromoethane
Concen: 5.244 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.005 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion:107 Resp: 24210
Ion Ratio Lower Upper
107 100
109 92.3 76.6 114.8

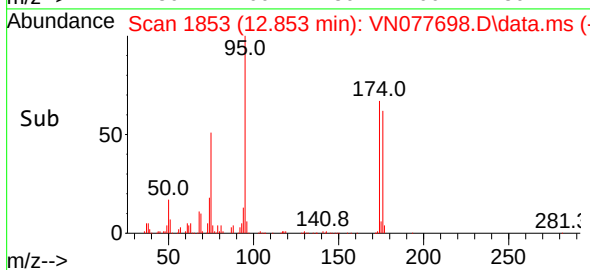
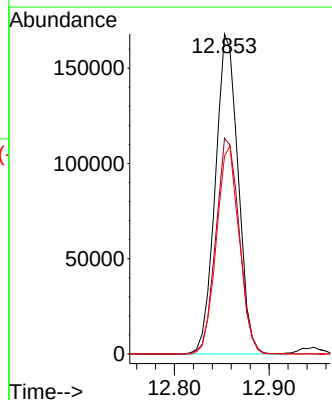
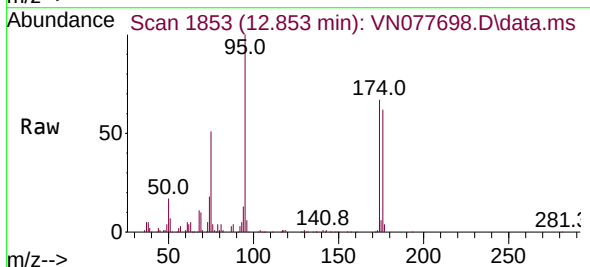
Manual Integrations
APPROVED

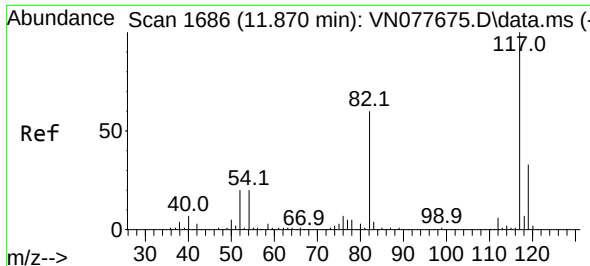
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#62
4-Bromofluorobenzene
Concen: 47.570 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

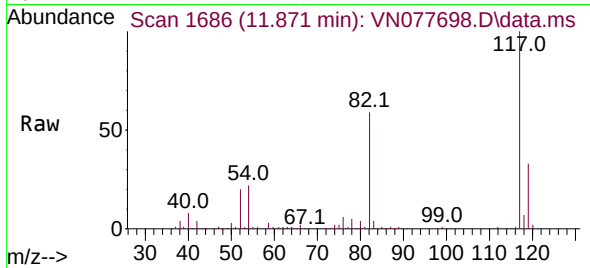
Tgt Ion: 95 Resp: 280476
Ion Ratio Lower Upper
95 100
174 69.5 0.0 143.8
176 65.3 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

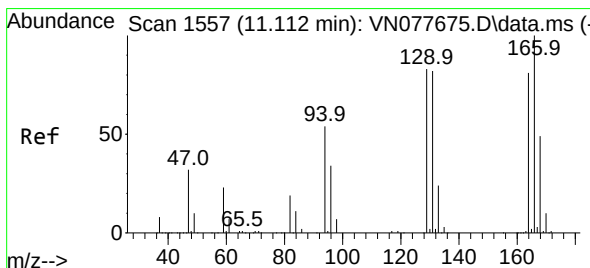
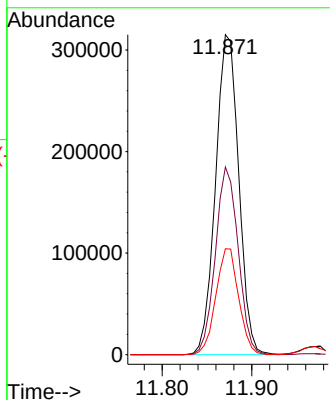
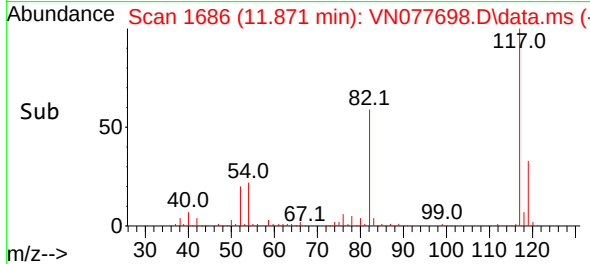
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:117 Resp: 56555
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 33.1 25.6 38.4

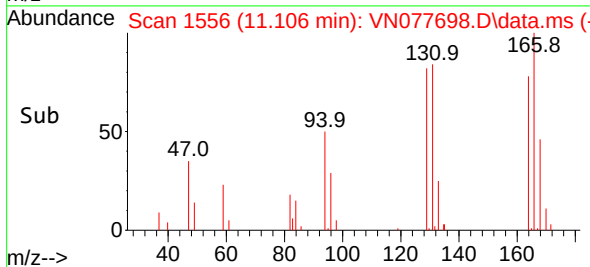
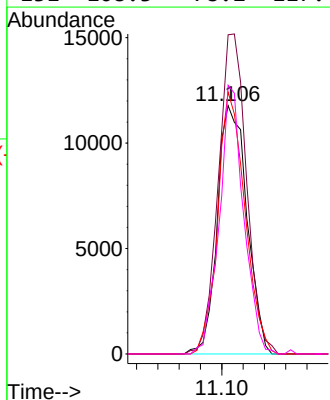
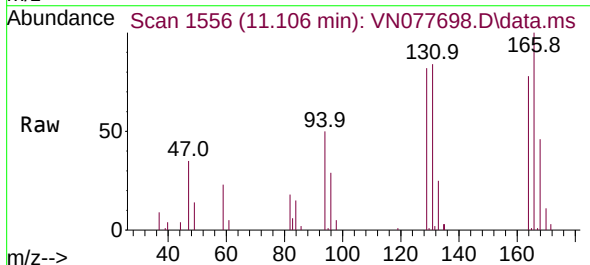
Manual Integrations
APPROVED

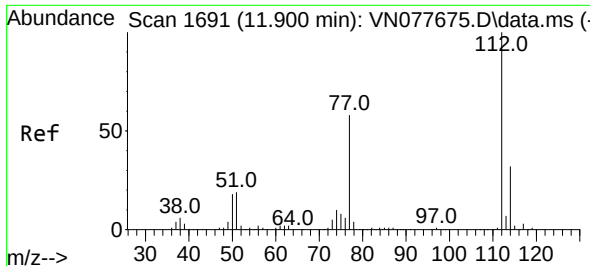
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#64
Tetrachloroethene
Concen: 5.738 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

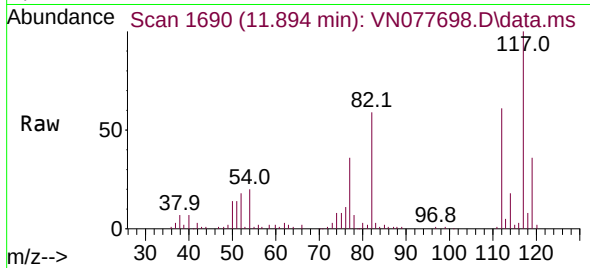
Tgt Ion:164 Resp: 22693
Ion Ratio Lower Upper
164 100
166 128.5 101.4 152.0
129 105.4 82.4 123.6
131 108.3 78.2 117.4





#65
Chlorobenzene
Concen: 4.995 ug/l
RT: 11.894 min Scan# 1691
Delta R.T. -0.006 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

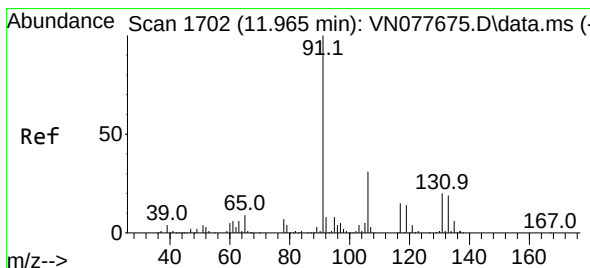
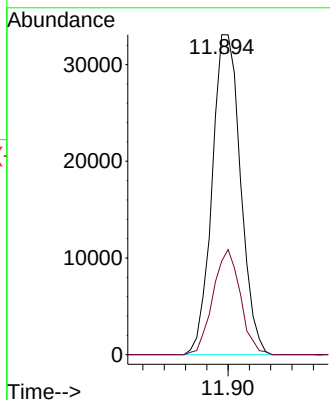
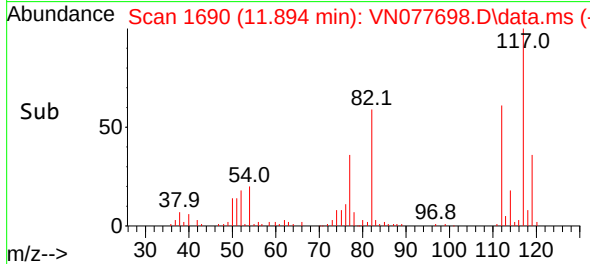
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023



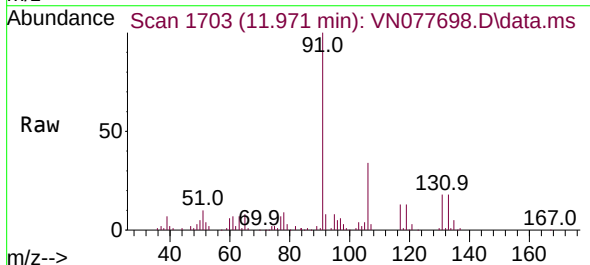
Tgt Ion:112 Resp: 6124
Ion Ratio Lower Upper
112 100
114 29.3 25.0 37.4

Manual Integrations
APPROVED

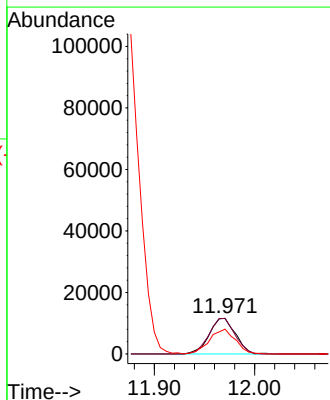
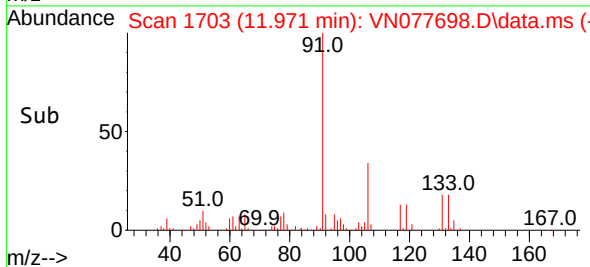
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

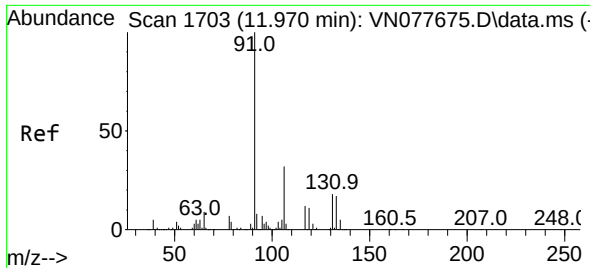


#66
1,1,1,2-Tetrachloroethane
Concen: 4.954 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26



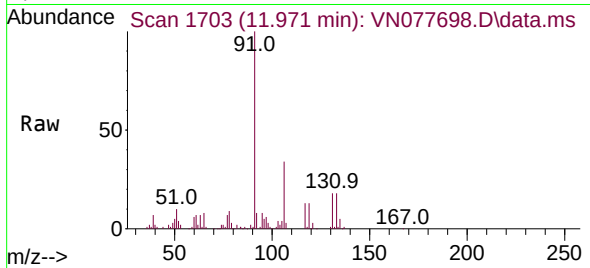
Tgt Ion:131 Resp: 21016
Ion Ratio Lower Upper
131 100
133 99.1 46.4 139.1
119 69.3 34.1 102.2





#67
Ethyl Benzene
Concen: 4.811 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

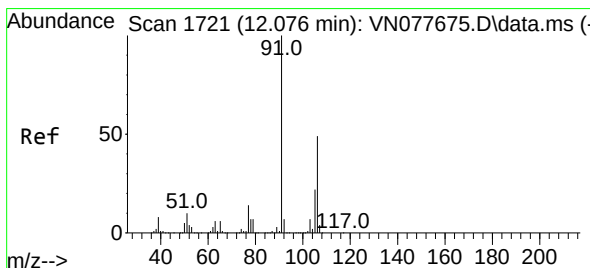
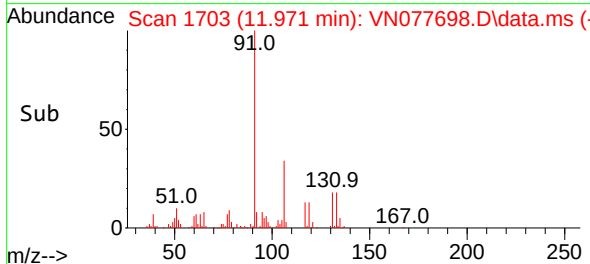
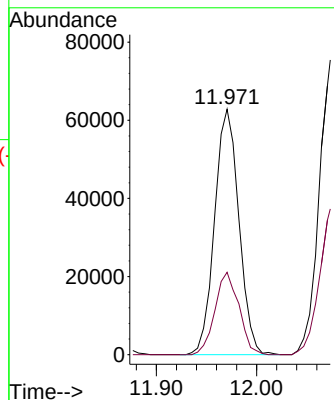
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 91 Resp: 10570
Ion Ratio Lower Upper
91 100
106 33.5 25.6 38.4

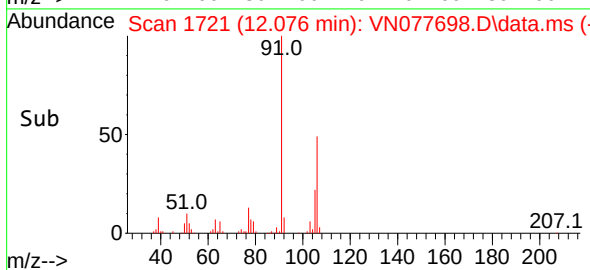
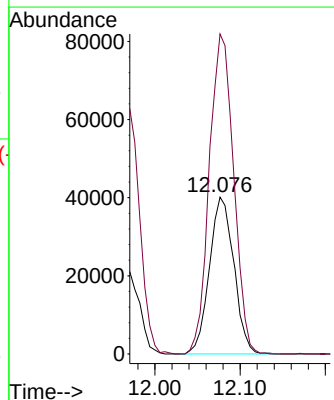
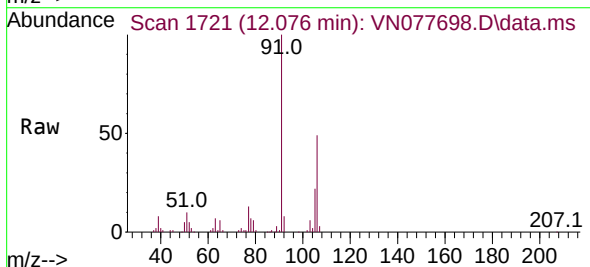
Manual Integrations
APPROVED

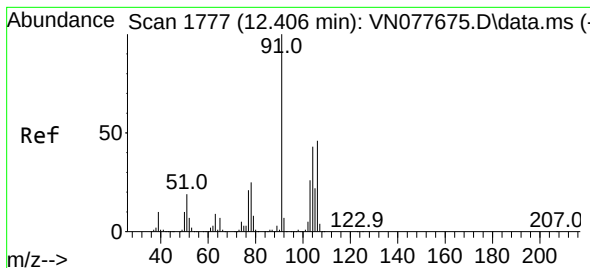
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#68
m/p-Xylenes
Concen: 9.599 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

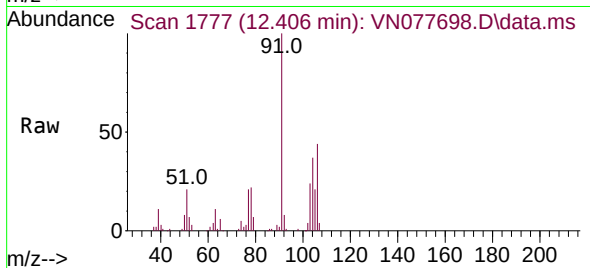
Tgt Ion:106 Resp: 79917
Ion Ratio Lower Upper
106 100
91 203.4 159.6 239.4





#69
o-Xylene
Concen: 4.820 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

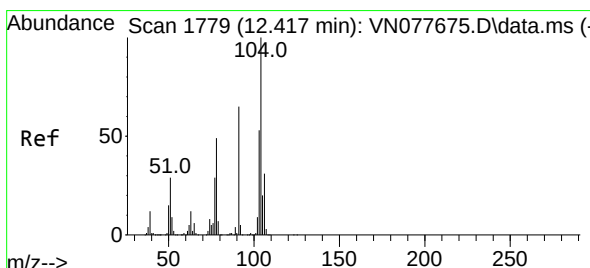
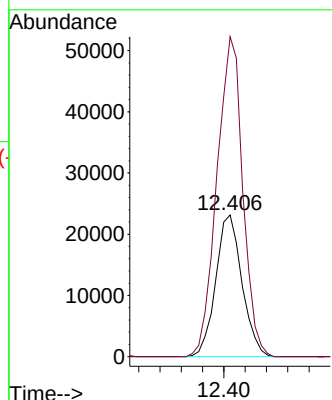
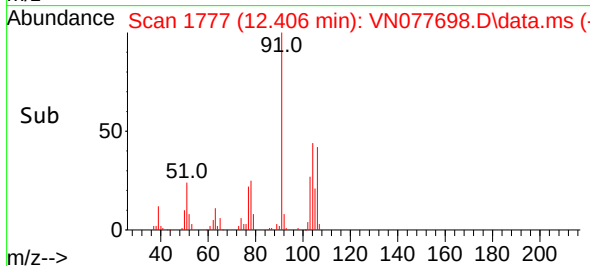
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2023



Tgt Ion:106 Resp: 3946
Ion Ratio Lower Upper
106 100
91 223.1 105.2 315.5

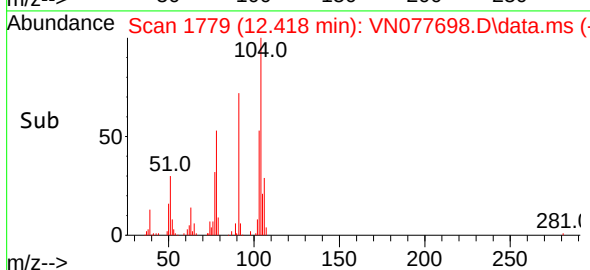
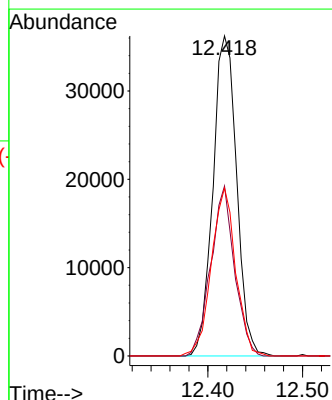
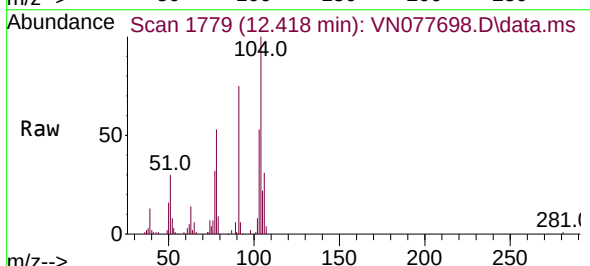
Manual Integrations
APPROVED

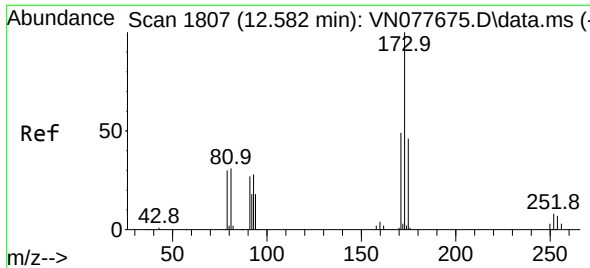
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#70
Styrene
Concen: 4.849 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

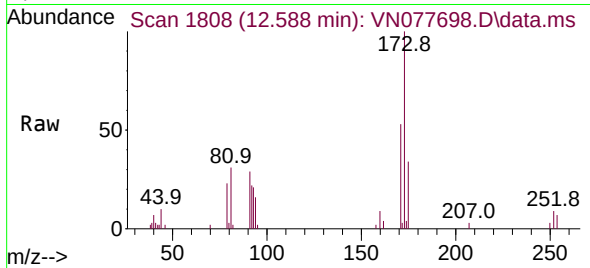
Tgt Ion:104 Resp: 63061
Ion Ratio Lower Upper
104 100
78 53.2 39.5 59.3
103 53.8 43.2 64.8





#71
Bromoform
Concen: 4.885 ug/l
RT: 12.588 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

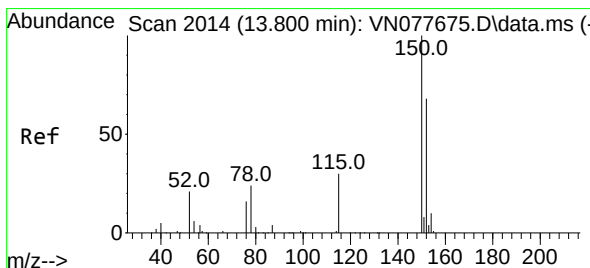
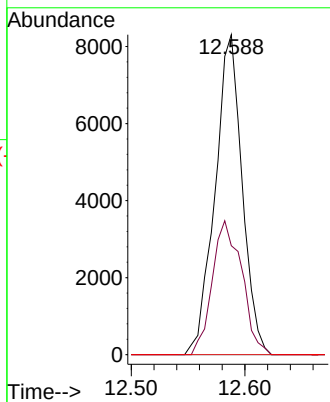
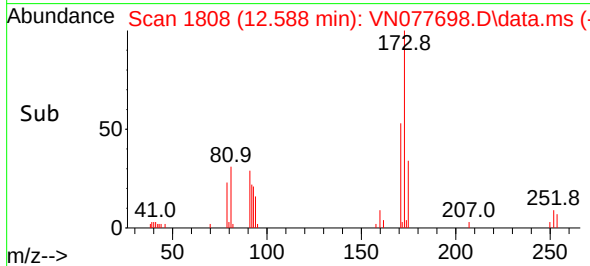
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023



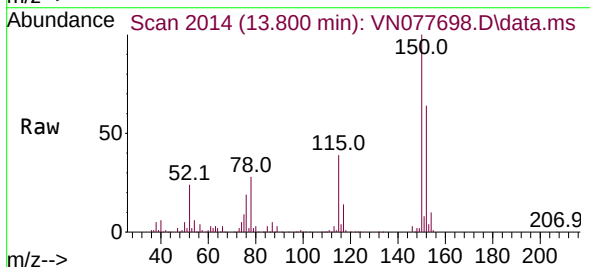
Tgt Ion:173 Resp: 13780
Ion Ratio Lower Upper
173 100
175 45.5 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

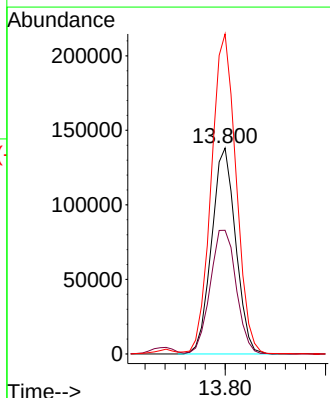
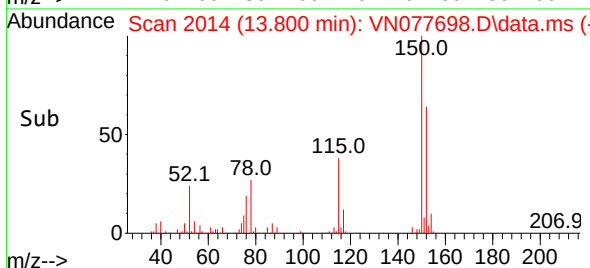
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

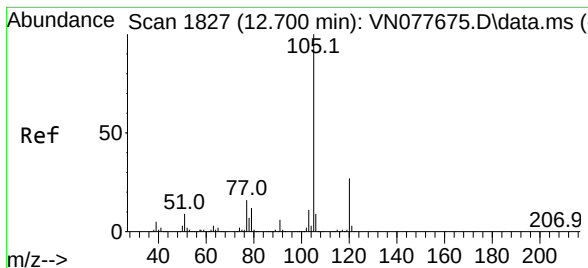


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26



Tgt Ion:152 Resp: 229579
Ion Ratio Lower Upper
152 100
115 65.0 32.3 96.8
150 160.5 0.0 355.8





#73

Isopropylbenzene

Concen: 5.024 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077698.D

Acq: 16 May 2023 17:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2023

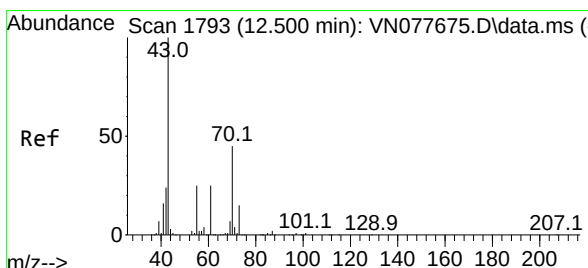
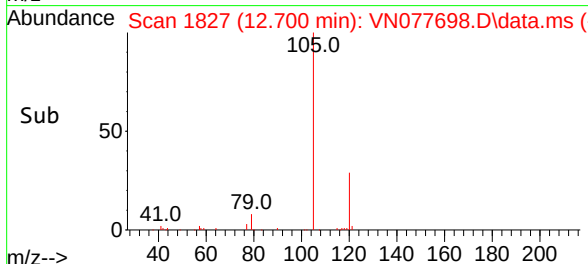
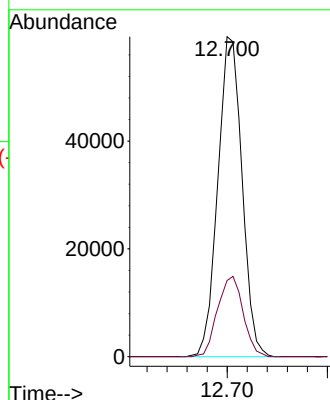
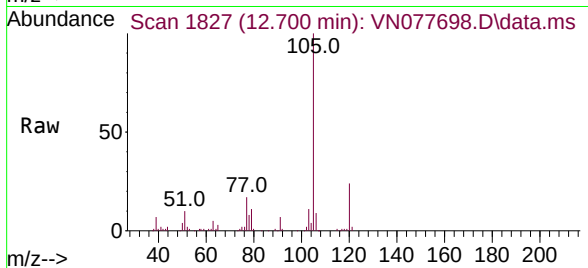
Tgt Ion:105 Resp: 9942
 Ion Ratio Lower Upper
 105 100
 120 26.5 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#74

N-ethyl acetate

Concen: 5.163 ug/l

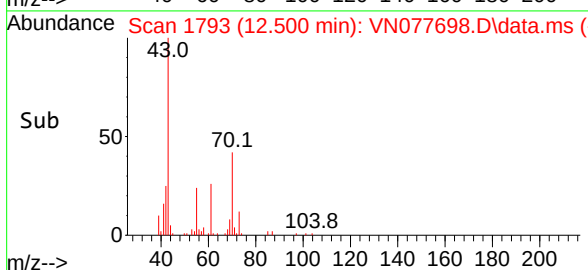
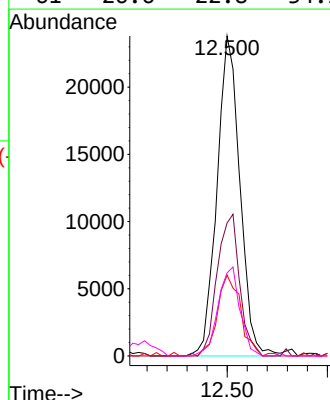
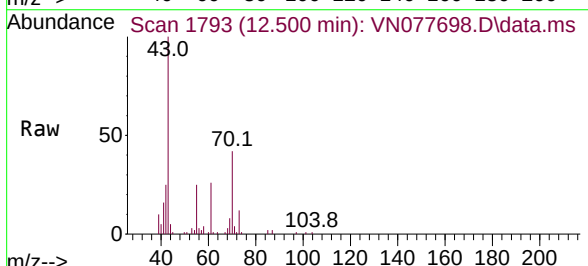
RT: 12.500 min Scan# 1793

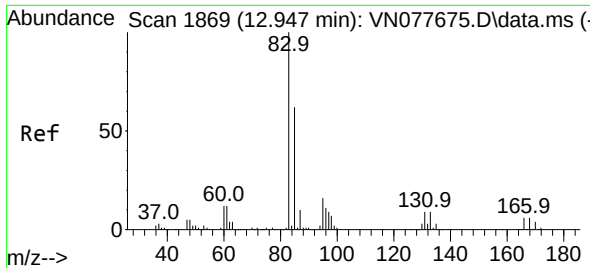
Delta R.T. -0.000 min

Lab File: VN077698.D

Acq: 16 May 2023 17:26

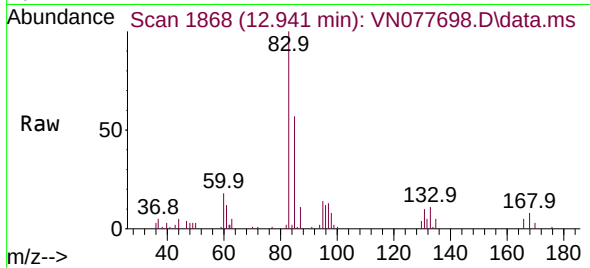
Tgt Ion: 43 Resp: 37769
 Ion Ratio Lower Upper
 43 100
 70 43.4 43.4 65.2#
 55 25.8 21.4 32.0
 61 26.6 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 5.519 ug/l
RT: 12.941 min Scan# 1869
Delta R.T. -0.006 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

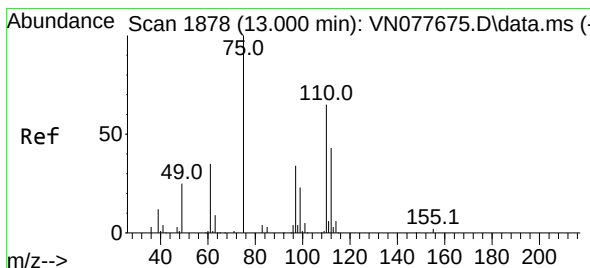
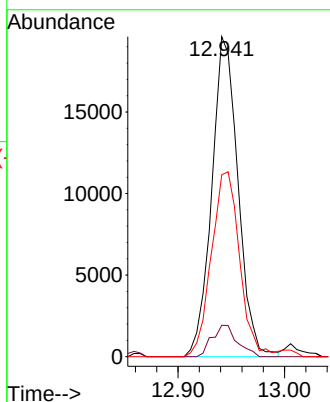
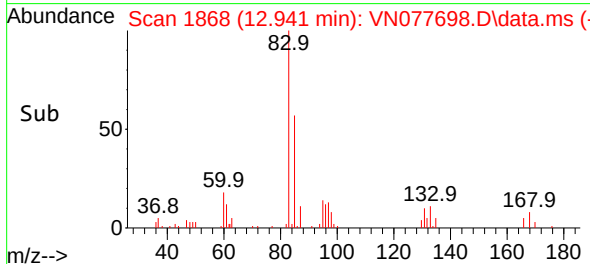
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2023



Tgt Ion: 83 Resp: 3360
Ion Ratio Lower Upper
83 100
131 9.4 5.0 15.0
85 61.8 31.9 95.7

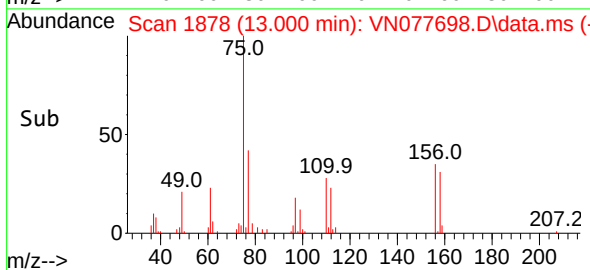
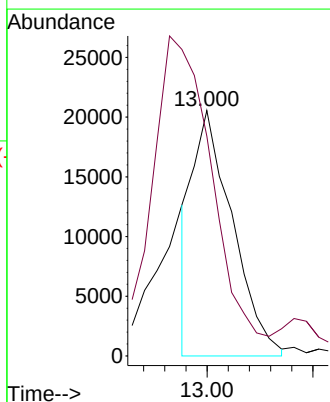
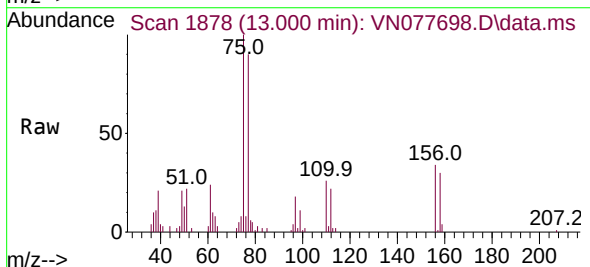
Manual Integrations
APPROVED

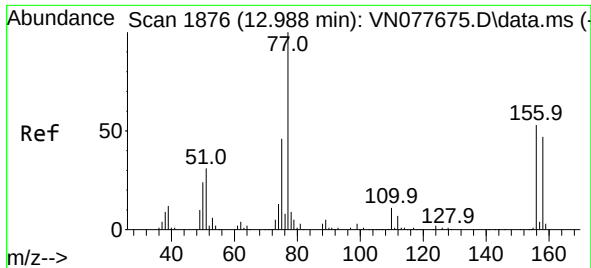
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#76
1,2,3-Trichloropropane
Concen: 4.656 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

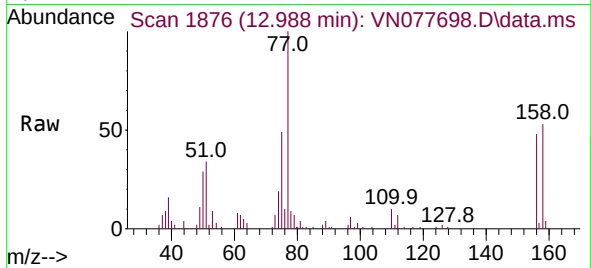
Tgt Ion: 75 Resp: 26768
Ion Ratio Lower Upper
75 100
77 200.9 84.5 253.5





#77
Bromobenzene
Concen: 5.037 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

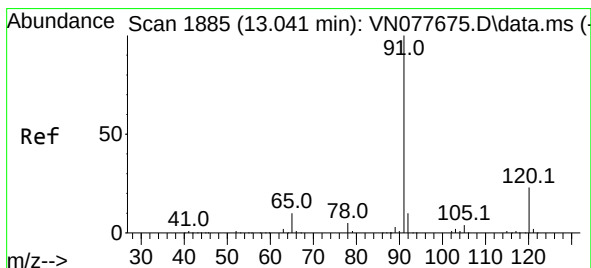
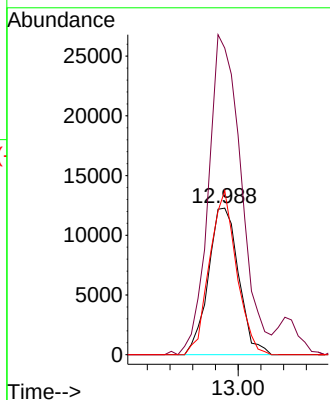
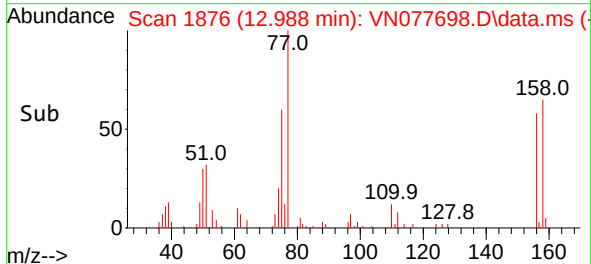
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023



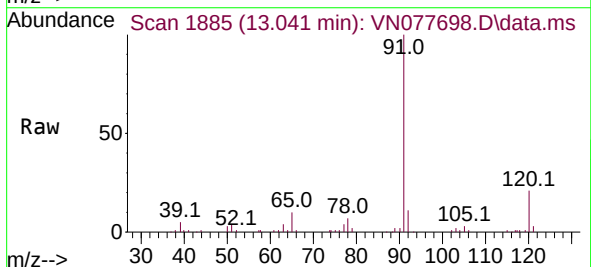
Tgt Ion:156 Resp: 2274
Ion Ratio Lower Upper
156 100
77 236.4 107.7 323.3
158 99.9 48.4 145.3

Manual Integrations
APPROVED

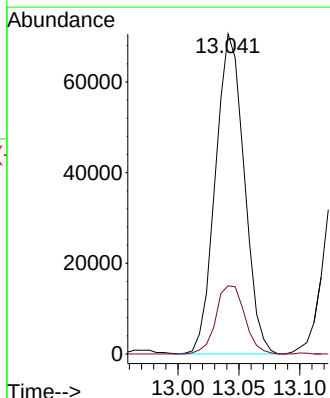
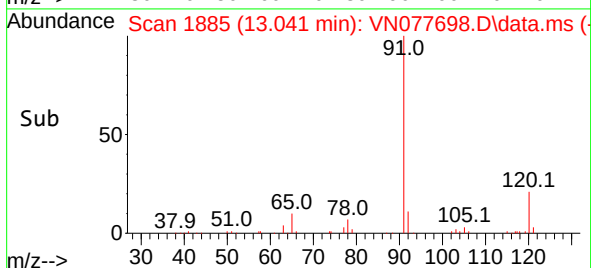
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

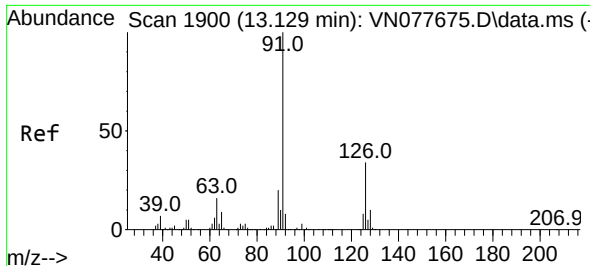


#78
n-propylbenzene
Concen: 4.971 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26



Tgt Ion: 91 Resp: 115967
Ion Ratio Lower Upper
91 100
120 21.4 11.5 34.4





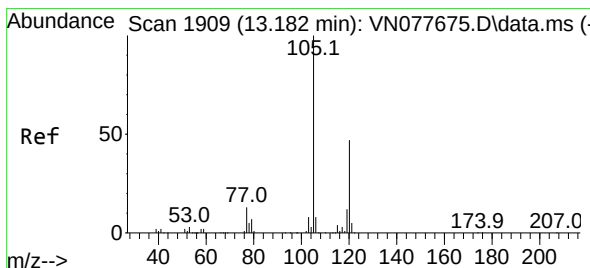
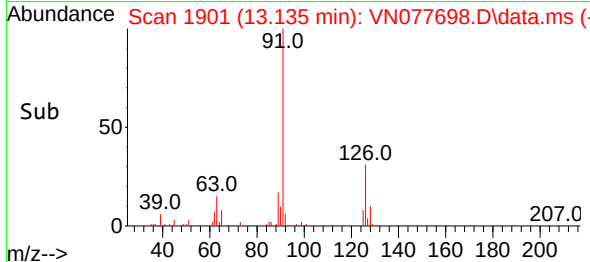
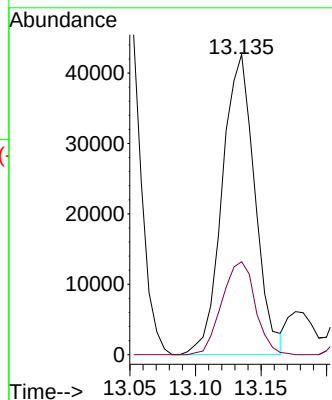
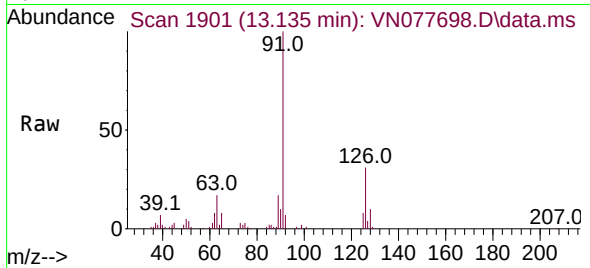
#79
2-Chlorotoluene
Concen: 5.296 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion: 91 Resp: 7372
Ion Ratio Lower Upper
91 100
126 31.7 16.3 48.8

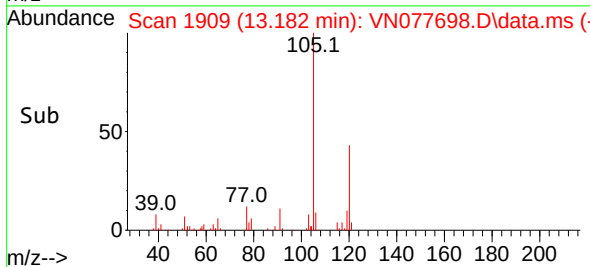
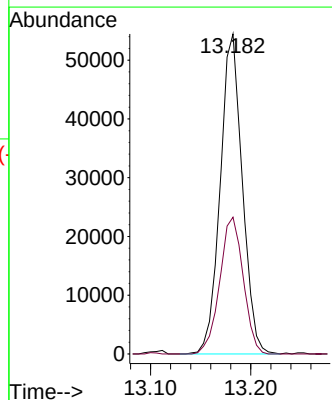
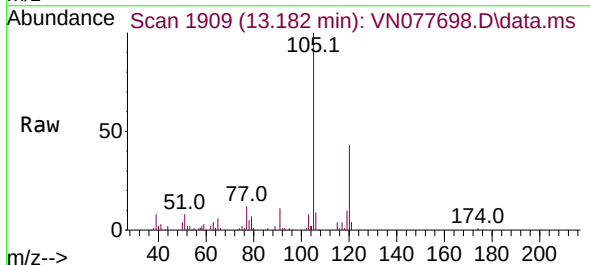
Manual Integrations
APPROVED

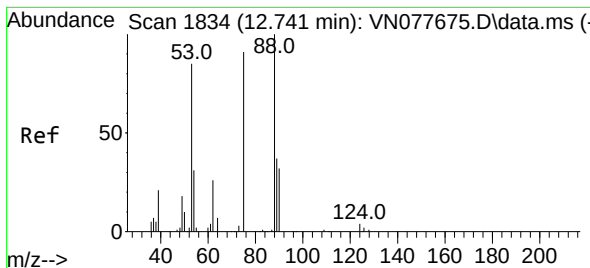
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 5.000 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

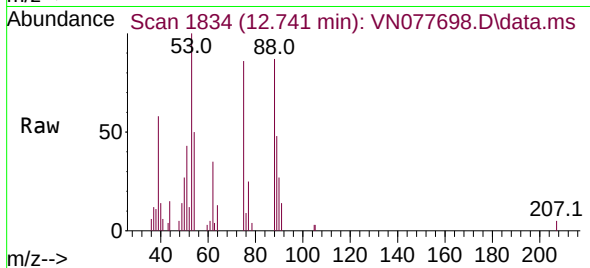
Tgt Ion:105 Resp: 83161
Ion Ratio Lower Upper
105 100
120 45.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 4.185 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

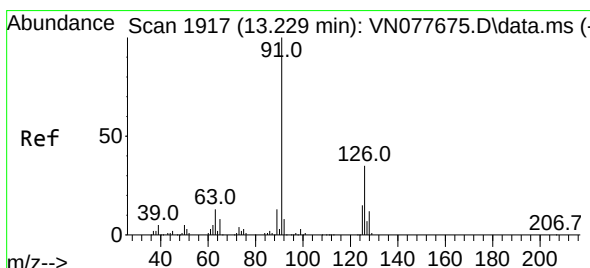
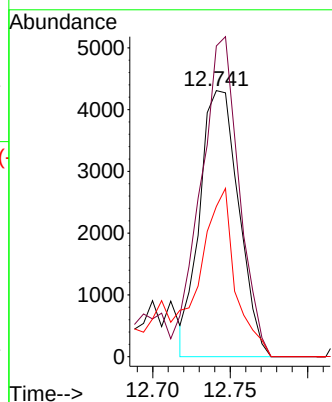
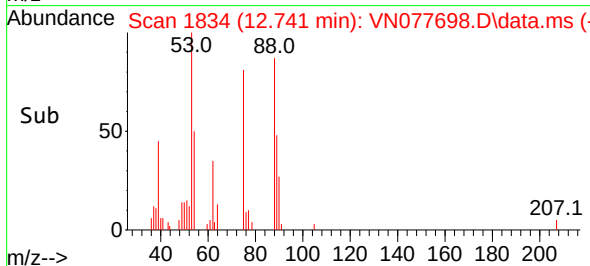
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2023



Tgt Ion: 75 Resp: 7528
Ion Ratio Lower Upper
75 100
53 118.3 67.4 101.2
89 57.7 38.8 58.2

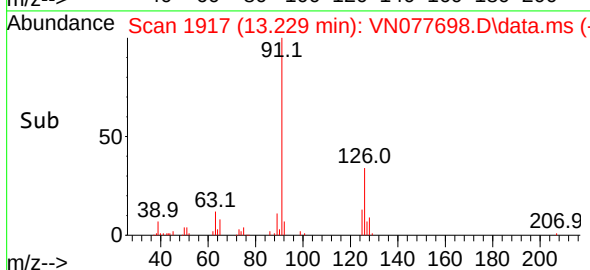
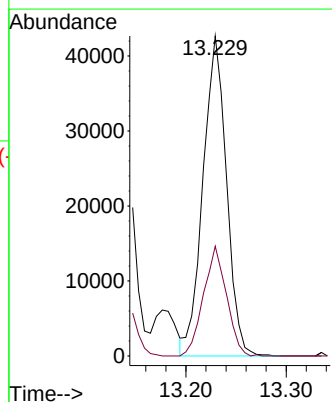
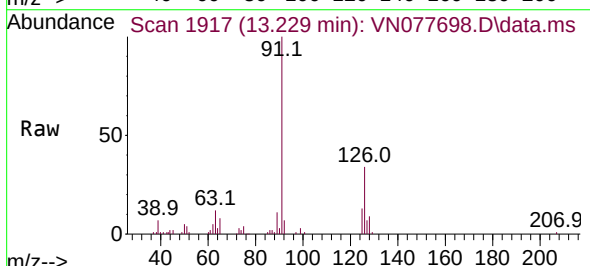
Manual Integrations
APPROVED

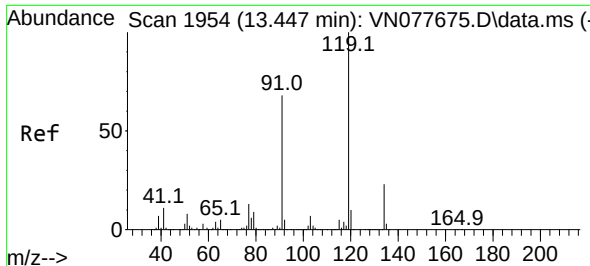
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#82
4-Chlorotoluene
Concen: 5.019 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

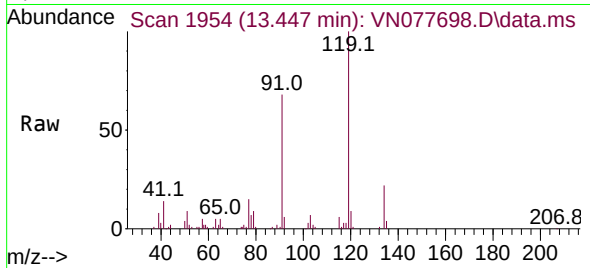
Tgt Ion: 91 Resp: 69524
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 4.985 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

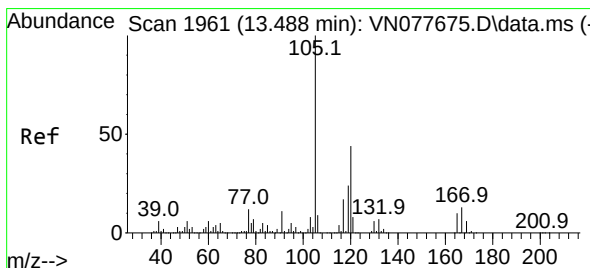
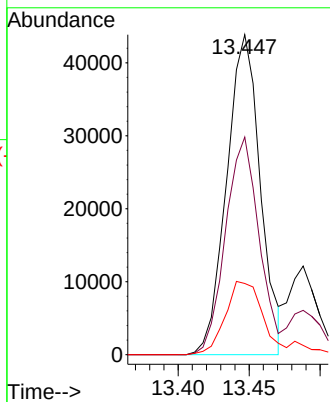
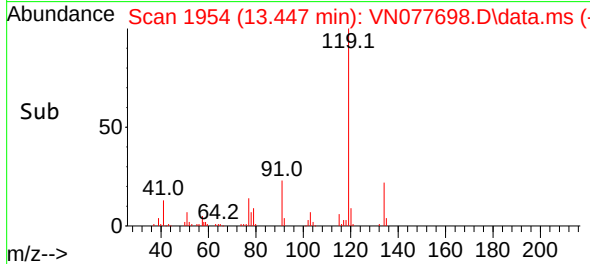
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:119 Resp: 7238
Ion Ratio Lower Upper
119 100
91 67.7 33.9 101.7
134 25.2 13.2 39.6

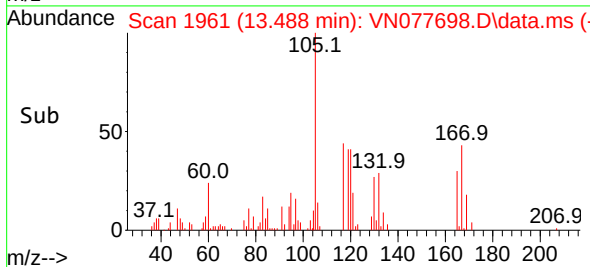
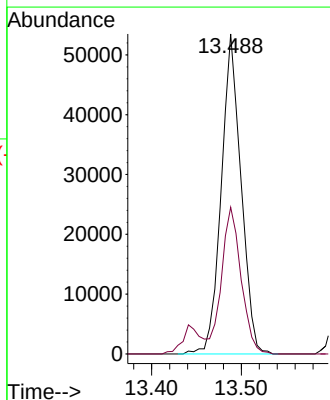
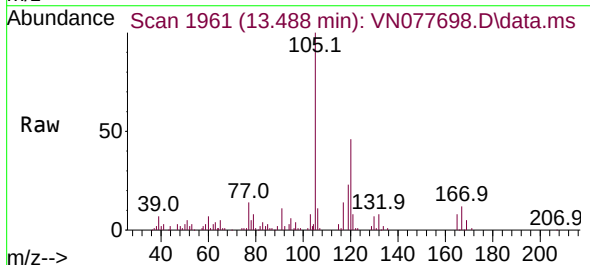
Manual Integrations
APPROVED

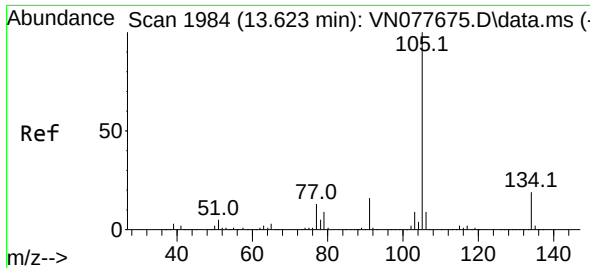
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#84
1,2,4-Trimethylbenzene
Concen: 4.996 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

Tgt Ion:105 Resp: 81717
Ion Ratio Lower Upper
105 100
120 45.9 22.0 66.0





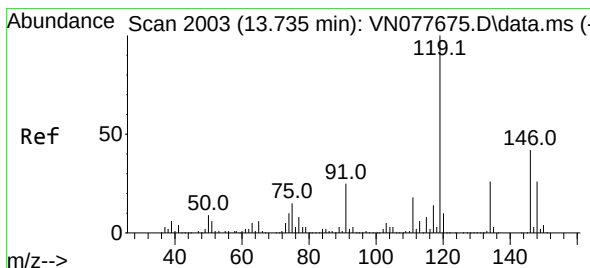
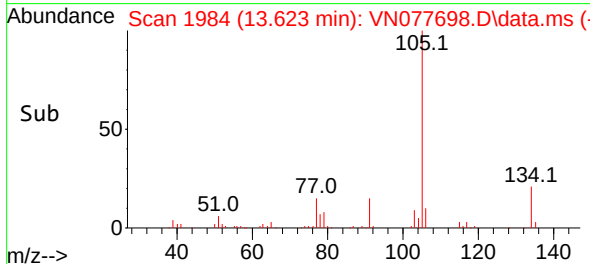
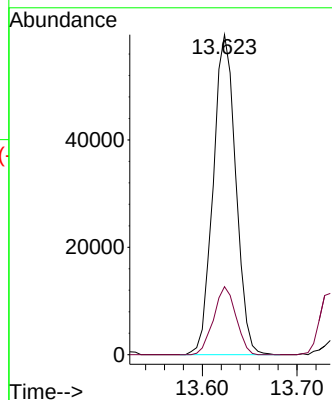
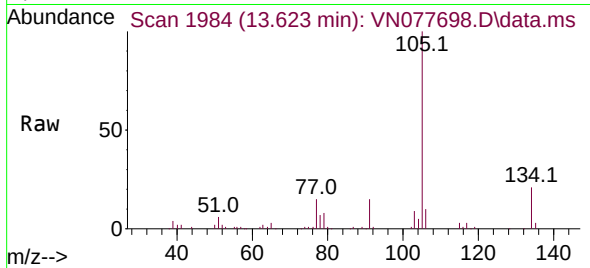
#85
 sec-Butylbenzene
 Concen: 4.787 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077698.D
 Acq: 16 May 2023 17:26

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

Tgt Ion:105 Resp: 9878
 Ion Ratio Lower Upper
 105 100
 134 21.0 9.8 29.3

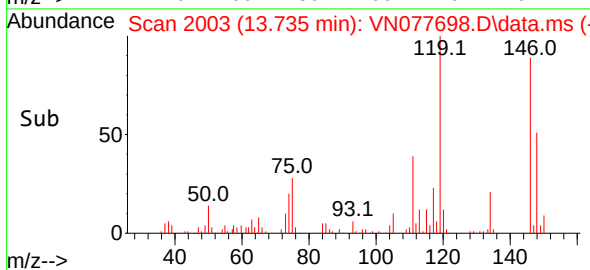
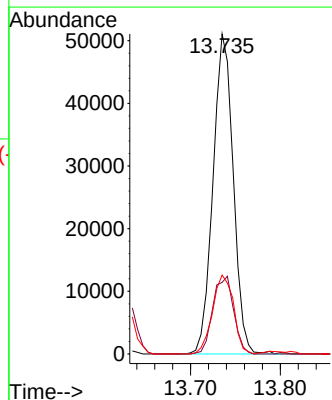
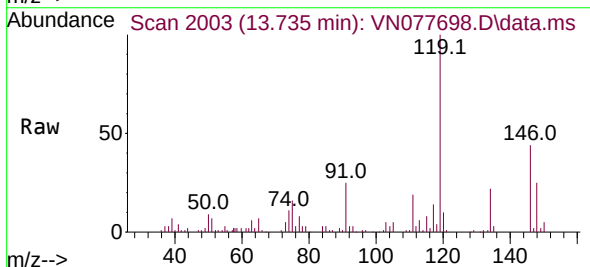
Manual Integrations
 APPROVED

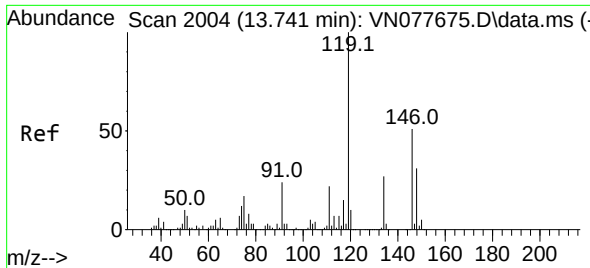
Reviewed By :John Carlone 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023



#86
 p-Isopropyltoluene
 Concen: 4.861 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077698.D
 Acq: 16 May 2023 17:26

Tgt Ion:119 Resp: 79965
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.6 37.8
 91 25.5 12.4 37.2





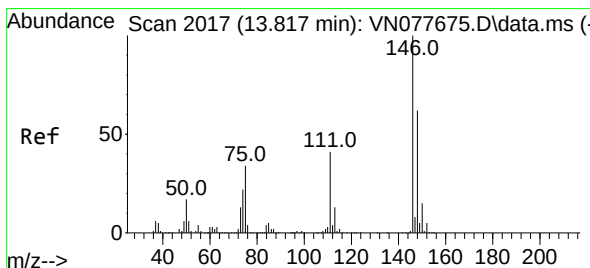
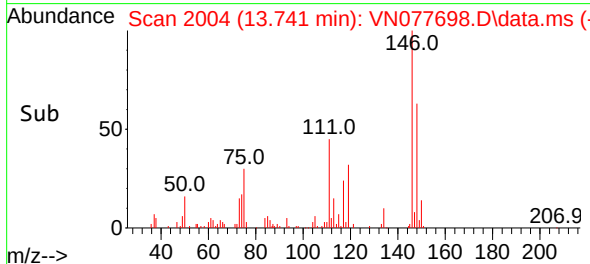
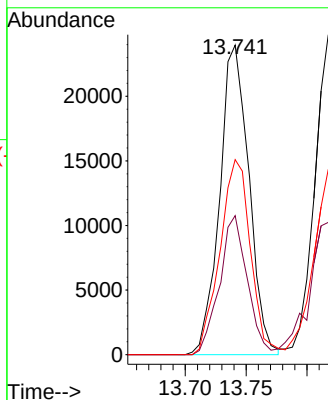
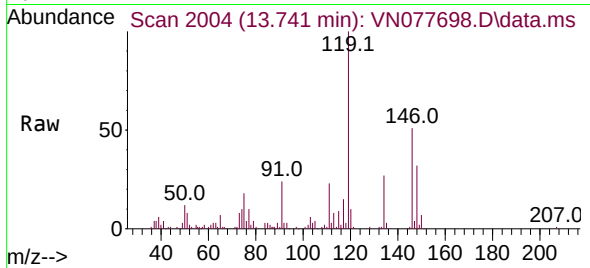
#87
1,3-Dichlorobenzene
Concen: 4.797 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion:146 Resp: 40062
Ion Ratio Lower Upper
146 100
111 42.6 22.1 66.3
148 66.1 32.0 96.0

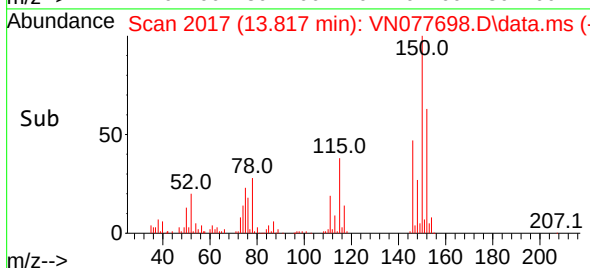
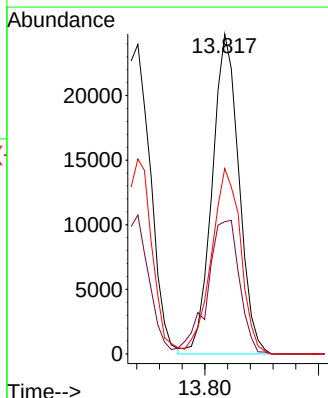
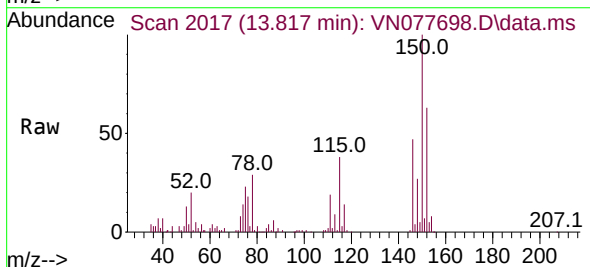
Manual Integrations
APPROVED

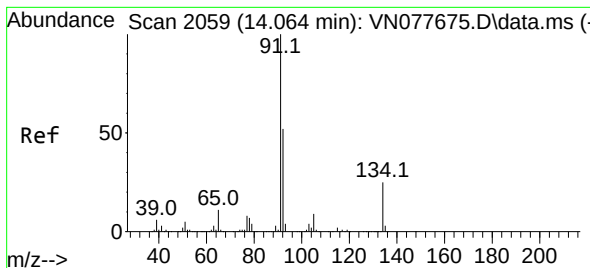
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#88
1,4-Dichlorobenzene
Concen: 4.893 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

Tgt Ion:146 Resp: 40549
Ion Ratio Lower Upper
146 100
111 50.2 20.6 61.8
148 63.2 31.6 94.8





#89

n-Butylbenzene

Concen: 4.400 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.001 min

Lab File: VN077698.D

Acq: 16 May 2023 17:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2023

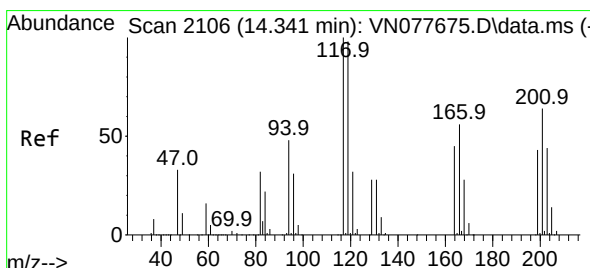
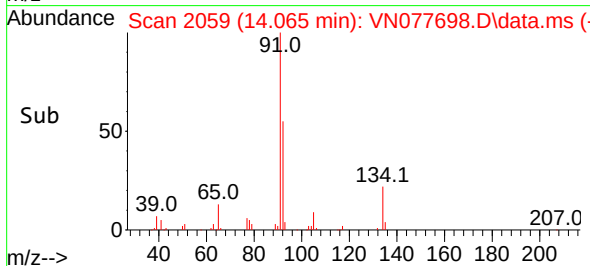
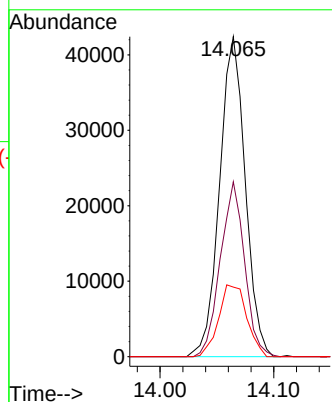
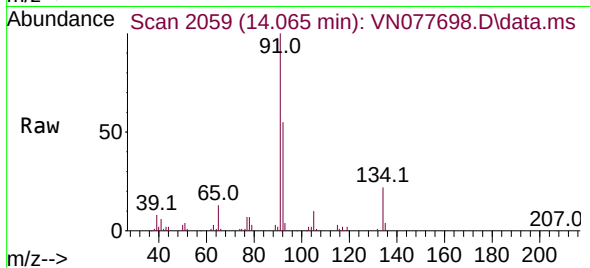
Tgt Ion:	91	Resp:	6657
Ion Ratio	Lower	Upper	
91	100		
92	51.6	26.4	79.0
134	24.6	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#90

Hexachloroethane

Concen: 4.630 ug/l

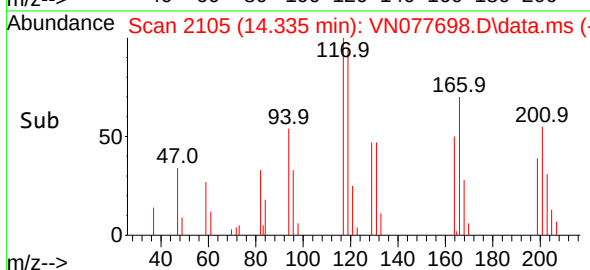
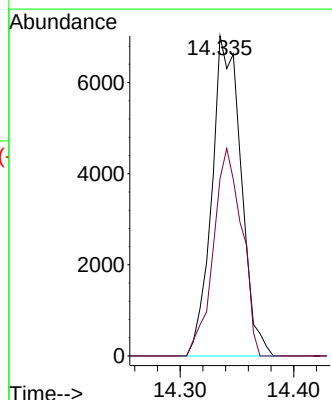
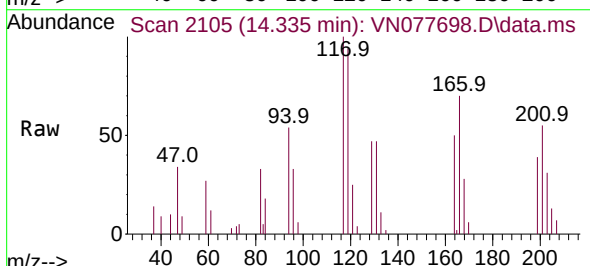
RT: 14.335 min Scan# 2105

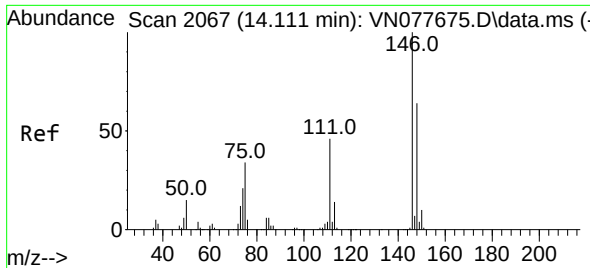
Delta R.T. -0.006 min

Lab File: VN077698.D

Acq: 16 May 2023 17:26

Tgt Ion:	117	Resp:	12512
Ion Ratio	Lower	Upper	
117	100		
201	63.6	29.3	88.0





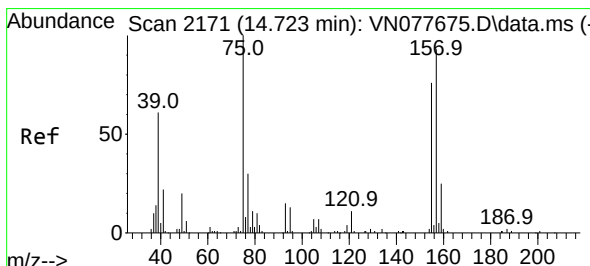
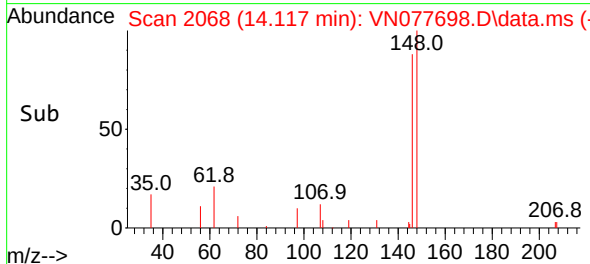
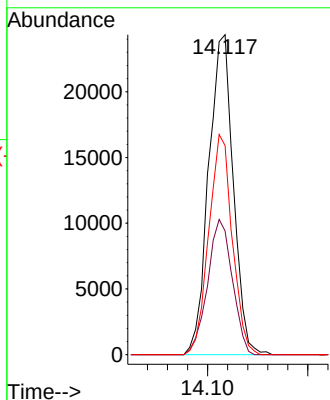
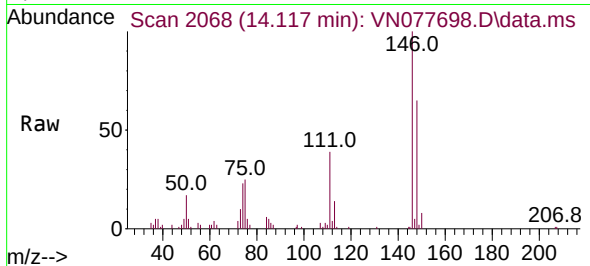
#91
1,2-Dichlorobenzene
Concen: 5.317 ug/l
RT: 14.117 min Scan# 2068
Delta R.T. 0.006 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion:146 Resp: 41480
Ion Ratio Lower Upper
146 100
111 42.4 22.0 66.0
148 65.8 31.8 95.3

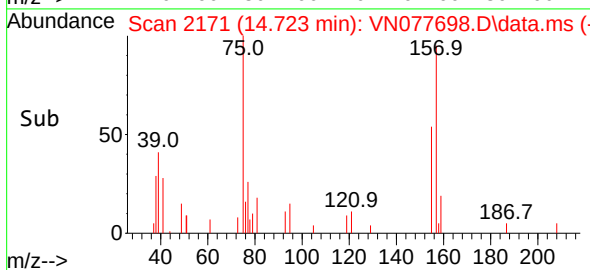
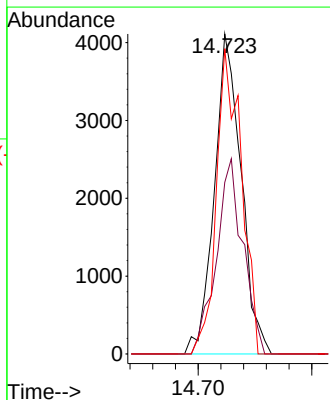
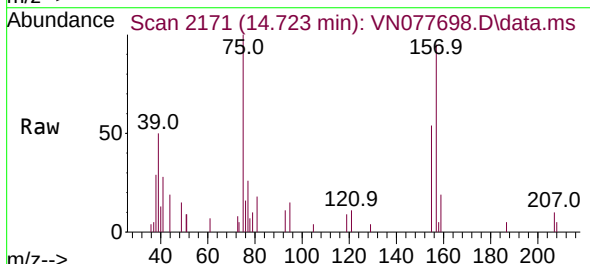
Manual Integrations
APPROVED

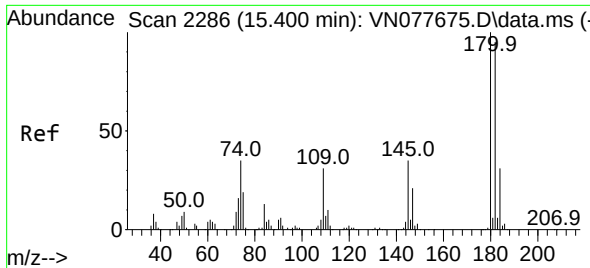
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.695 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

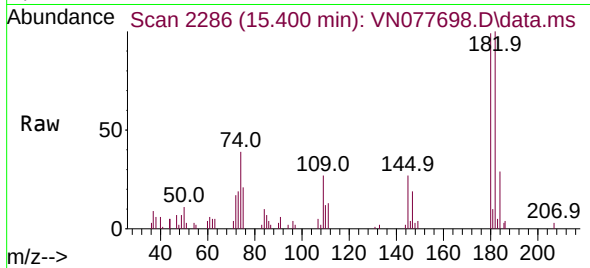
Tgt Ion: 75 Resp: 6712
Ion Ratio Lower Upper
75 100
155 60.8 39.1 117.2
157 89.3 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 4.050 ug/l
RT: 15.400 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

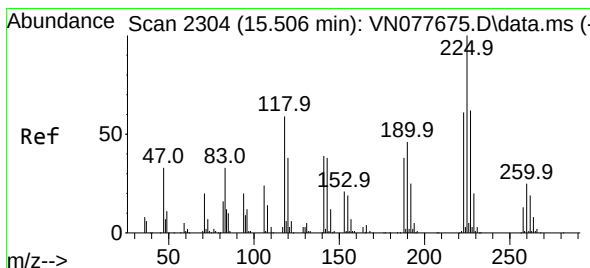
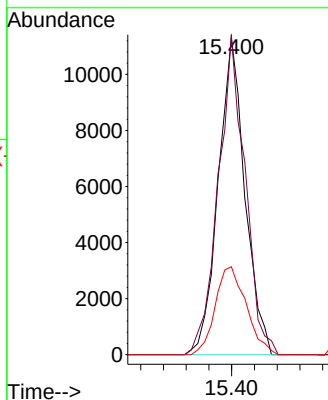
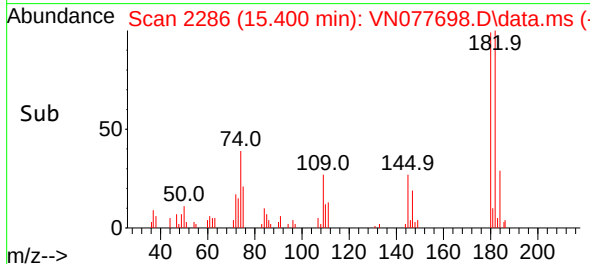
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2023



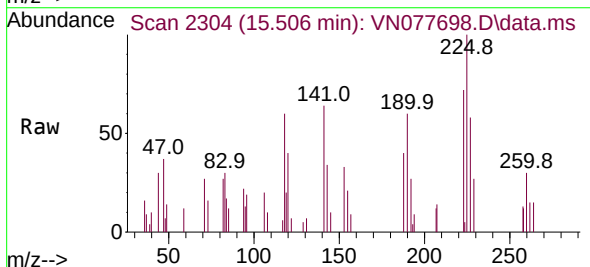
Tgt Ion:180 Resp: 1846
Ion Ratio Lower Upper
180 100
182 101.3 46.1 138.2
145 32.2 16.6 49.8

Manual Integrations
APPROVED

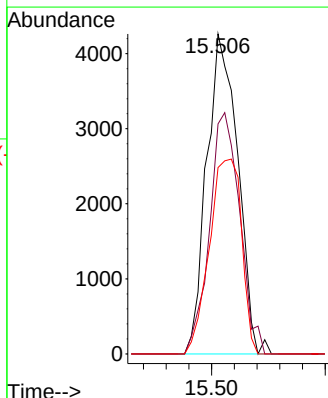
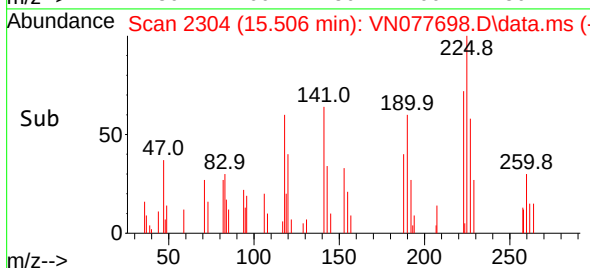
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

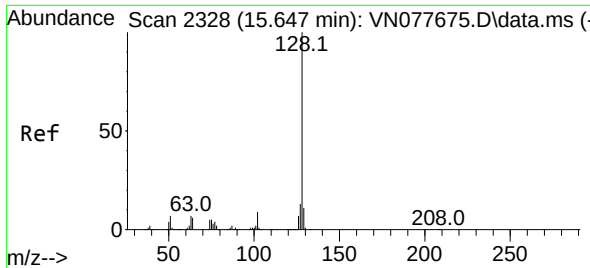


#94
Hexachlorobutadiene
Concen: 4.265 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26



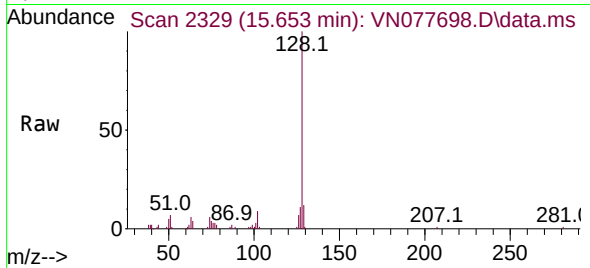
Tgt Ion:225 Resp: 8074
Ion Ratio Lower Upper
225 100
223 73.5 31.3 93.8
227 63.3 31.9 95.9





#95
Naphthalene
Concen: 4.269 ug/l
RT: 15.653 min Scan# 2329
Delta R.T. 0.006 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

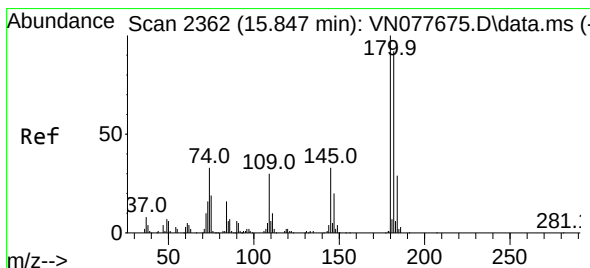
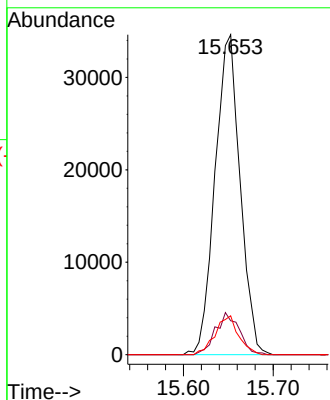
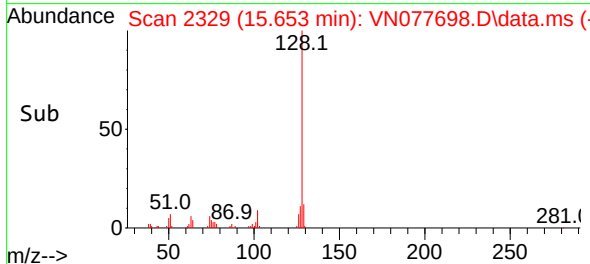
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:128 Resp: 67004
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 11.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#96
1,2,3-Trichlorobenzene
Concen: 4.343 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077698.D
Acq: 16 May 2023 17:26

Tgt Ion:180 Resp: 19386
Ion Ratio Lower Upper
180 100
182 95.2 46.2 138.6
145 34.1 17.5 52.6

