

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
 Data File : VN079783.D
 Acq On : 01 Nov 2023 19:54
 Operator : JC\MD
 Sample : 04699-08 5.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

Quant Time: Nov 02 06:34:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/02/2023
 Supervised By :Mahesh Dadoda 11/02/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	282296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	493377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	450264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	196253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	226157	52.584	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.160%			
35) Dibromofluoromethane	8.171	113	175154	50.160	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.320%			
50) Toluene-d8	10.570	98	664620	51.701	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.400%			
62) 4-Bromofluorobenzene	12.853	95	207505	48.672	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	16569	4.873	ug/l	99
3) Chloromethane	2.359	50	24404	5.000	ug/l	100
4) Vinyl Chloride	2.512	62	23586	5.299	ug/l	95
5) Bromomethane	2.942	94	16271	6.016	ug/l	96
6) Chloroethane	3.118	64	19051m	5.417	ug/l	
7) Trichlorofluoromethane	3.494	101	29969	5.413	ug/l	90
8) Diethyl Ether	3.965	74	10715	5.100	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.377	101	17286	5.386	ug/l	99
10) Methyl Iodide	4.594	142	16730	4.565	ug/l	92
11) Tert butyl alcohol	5.524	59	14780	26.921	ug/l #	87
12) 1,1-Dichloroethene	4.336	96	16072	5.289	ug/l	86
13) Acrolein	4.189	56	12977	27.626	ug/l	97
14) Allyl chloride	5.030	41	25566	5.493	ug/l #	91
15) Acrylonitrile	5.724	53	44368	25.932	ug/l	98
16) Acetone	4.436	43	37928	25.106	ug/l	90
17) Carbon Disulfide	4.706	76	45487	5.190	ug/l	99
18) Methyl Acetate	5.030	43	37861	5.238	ug/l #	82
20) Methylene Chloride	5.283	84	20334	5.334	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	17837	5.263	ug/l	98
22) Diisopropyl ether	6.677	45	56920	5.278	ug/l #	89
23) Vinyl Acetate	6.606	43	139240	23.405	ug/l #	84
24) 1,1-Dichloroethane	6.577	63	35721	5.449	ug/l	95
25) 2-Butanone	7.488	43	58475	26.432	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	26175	4.828	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	19828	4.891	ug/l	82
28) Bromochloromethane	7.812	49	17834	5.582	ug/l #	76
29) Tetrahydrofuran	7.841	42	36741	25.527	ug/l #	74
30) Chloroform	7.965	83	38317	5.381	ug/l	89
31) Cyclohexane	8.253	56	34530	6.076	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	31999	5.515	ug/l	87
36) 1,1-Dichloropropene	8.377	75	25978	5.210	ug/l	95
37) Ethyl Acetate	7.559	43	23794	5.204	ug/l #	92
38) Carbon Tetrachloride	8.365	117	26517	5.277	ug/l	90
40) Benzene	8.606	78	78691	5.269	ug/l	100
41) Methacrylonitrile	7.782	41	12241	5.041	ug/l #	85
42) 1,2-Dichloroethane	8.677	62	29772	5.707	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Isopropyl Acetate	8.694	43	38072	4.748	ug/l #	92
44) Trichloroethene	9.353	130	18941	5.111	ug/l	89
45) 1,2-Dichloropropane	9.624	63	21410	5.610	ug/l	94
46) Dibromomethane	9.712	93	14070	5.399	ug/l	97
47) Bromodichloromethane	9.894	83	28628	5.151	ug/l #	96
48) Methyl methacrylate	9.688	41	16600	4.726	ug/l	86
49) 1,4-Dioxane	9.694	88	6155	99.171	ug/l #	86
51) 4-Methyl-2-Pentanone	10.453	43	117709	26.073	ug/l	87
52) Toluene	10.635	92	49472	5.588	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	19771	5.552	ug/l	92
56) Ethyl methacrylate	10.876	69	23166	4.561	ug/l #	74
57) 1,3-Dichloropropane	11.165	76	34097	5.432	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	57717	22.420	ug/l	90
59) 2-Hexanone	11.200	43	84159	24.368	ug/l	85
60) Dibromochloromethane	11.365	129	19593	5.140	ug/l	99
61) 1,2-Dibromoethane	11.470	107	18535	5.186	ug/l	95
64) Tetrachloroethene	11.106	164	16944	5.810	ug/l	96
65) Chlorobenzene	11.894	112	51237	5.246	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	17824	5.065	ug/l	97
68) m/p-Xylenes	12.076	106	61483	9.699	ug/l	99
69) o-Xylene	12.400	106	29182	4.781	ug/l	96
70) Styrene	12.417	104	45328	4.621	ug/l	99
71) Bromoform	12.582	173	12329	4.934	ug/l #	95
73) Isopropylbenzene	12.700	105	70519	4.735	ug/l	98
74) N-amyl acetate	12.494	43	28887	4.443	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	29045	5.500	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	24861m	5.396	ug/l	
77) Bromobenzene	12.988	156	18974	5.203	ug/l	94
78) n-propylbenzene	13.041	91	85045	4.986	ug/l	95
79) 2-Chlorotoluene	13.129	91	54711	5.021	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	57792	4.987	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	6920	4.086	ug/l #	74
82) 4-Chlorotoluene	13.229	91	55265	5.104	ug/l	94
83) tert-Butylbenzene	13.441	119	45663	4.814	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	53774	4.716	ug/l	99
85) sec-Butylbenzene	13.617	105	63460	4.829	ug/l	99
86) p-Isopropyltoluene	13.735	119	48961	4.570	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	33507	4.939	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	34493	5.009	ug/l	93
89) n-Butylbenzene	14.059	91	40708	4.411	ug/l	97
90) Hexachloroethane	14.335	117	10641	5.015	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	32664	5.101	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	5030	5.617	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	13230	4.345	ug/l	97
94) Hexachlorobutadiene	15.505	225	7093	5.139	ug/l	96
95) Naphthalene	15.647	128	37147	3.597	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	13335	4.468	ug/l	97

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

Manual Integrations

Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

Abundance

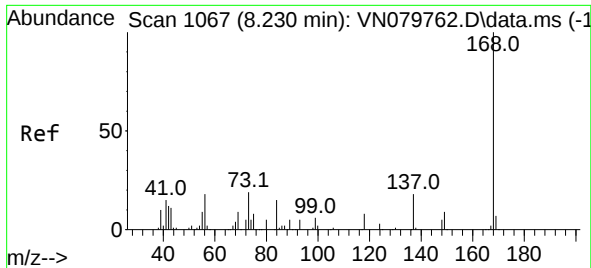
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2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

1150000
1100000
1050000
1000000
950000
900000
850000
800000
750000
700000
650000
600000
550000
500000
450000
400000
350000
300000
250000
200000
150000
100000
50000
0

Dichlorodifluoromethane, T
Chloromethane, P
Vinyl Chloride, C
Bromomethane, T
Chloroethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acrolein, T
Acetaldehyde, T
Acetone, T
Methyl iodide, T
Carbon Disulfide, T
Methyl acetate, T
Methylene Chloride, T
Tert butyl alcohol, T
Acrylonitrile, T
1,2-Dichloroethene, T
1,1-Dichloroethane, P
Disobutylene, T
Ethyl Acetate, T
1,2-Dichlorobenzene, T
Methylcyclohexane, T
Chloroform, C
1,3-Dichlorobenzene, T
Cyclohexane, T
1,2-Dichloropropane, T
Isobutyl acetate, T
Benzene, TM
1,4-Difluorobenzene, I
1,2-Dichloroethane-d4, S
Trichloroethene, TM
1,2-Dichlorobenzene, C
Bromodichloromethane, T
2-Chloroethyl Vinyl ether, T
4-Methyl-2-Pentanone, T
Toluene, CM
Ethyl methacrylate, T
1,2-Dichloroethane, T
1,3-Dichlorobenzene, T
1,2-Dibromodichloromethane, T
Chlorobenzene-d5, I
Chlorobenzene, T
m,p-Xylenes, T
Bromine, T
Xylene, T
N-methyl acetate, T
Trans-1,4-Dichlorobenzene, T
1,1,2,2-Tetrachloroethane, T
2-Chlorobenzonitrile, T
4-Chlorobenzonitrile, T
tert-Butylbenzene, T
sec-Butylbenzene, T
1,2-Dichlorobenzene-d4, I
n-Butylbenzene, T
p-Butylbenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
1,2,4-Trichlorobenzene, T
Hexachlorocyclopentadiene, T
Naphthalene, T
1,2,3-Trichlorobenzene, T



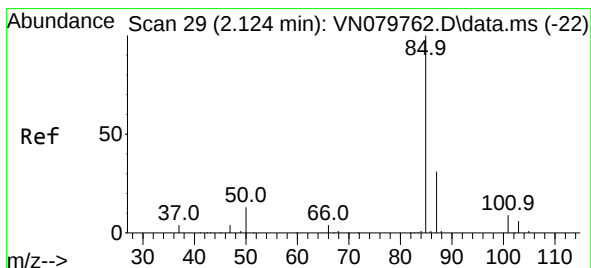
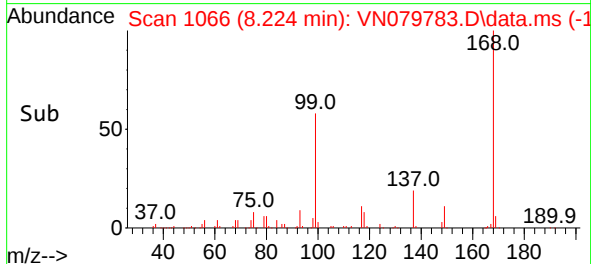
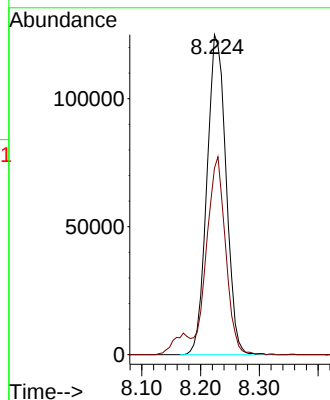
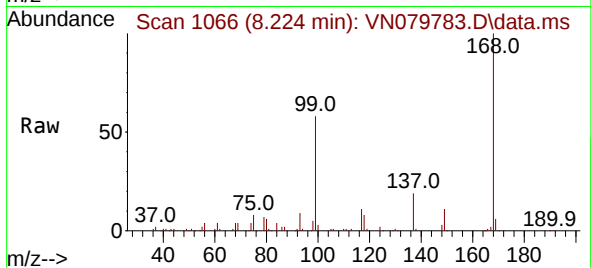
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:168 Resp: 282290
Ion Ratio Lower Upper
168 100
99 58.2 53.0 79.6

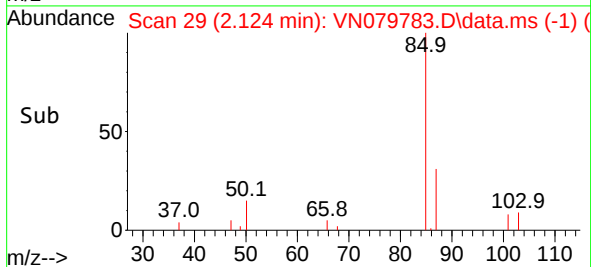
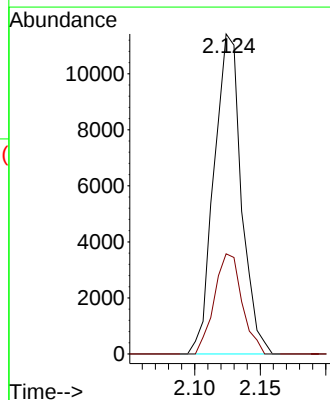
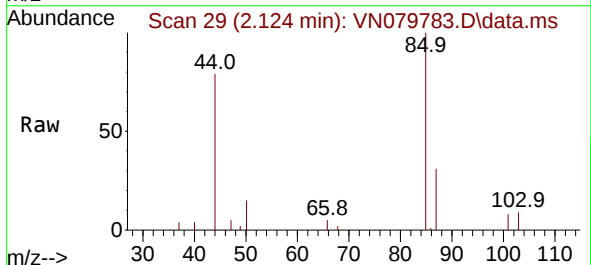
Manual Integrations
APPROVED

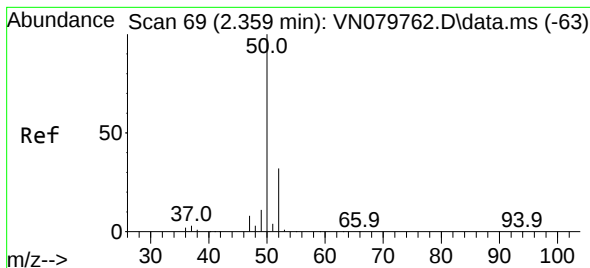
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#2
Dichlorodifluoromethane
Concen: 4.873 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

Tgt Ion: 85 Resp: 16569
Ion Ratio Lower Upper
85 100
87 31.3 15.8 47.4





#3

Chloromethane

Concen: 5.000 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN079783.D

Acq: 01 Nov 2023 19:54

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion: 50 Resp: 2440

Ion Ratio Lower Upper

50 100

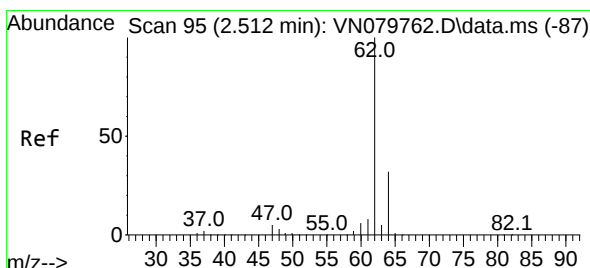
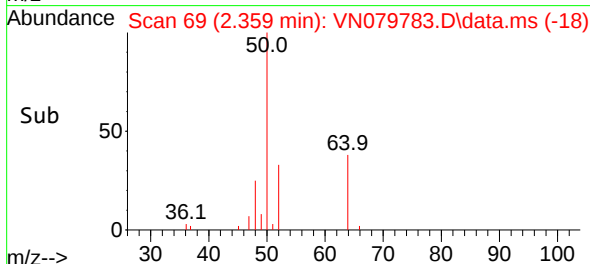
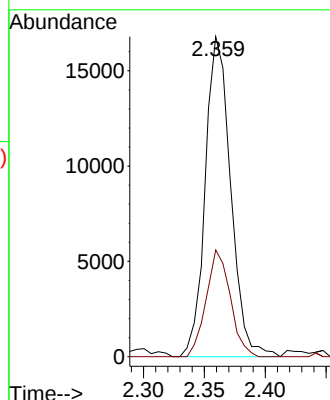
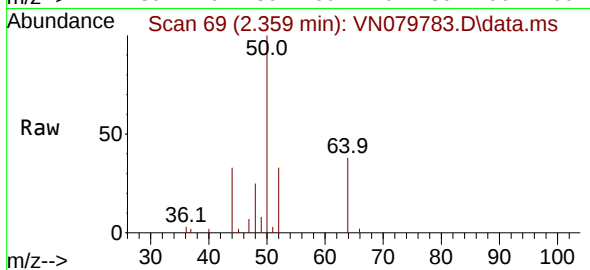
52 33.3 26.5 39.7

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 11/02/2023



#4

Vinyl Chloride

Concen: 5.299 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN079783.D

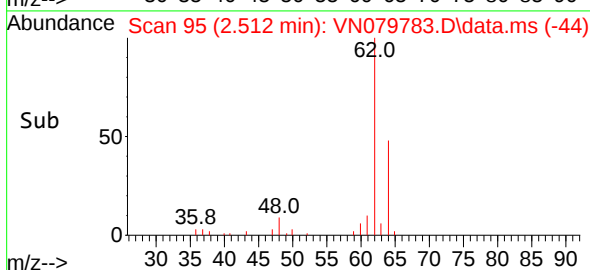
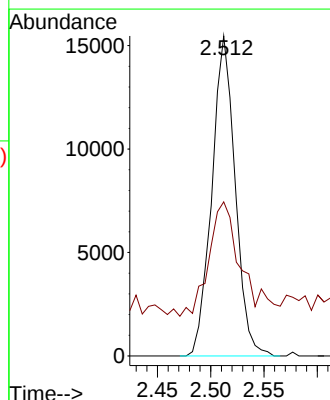
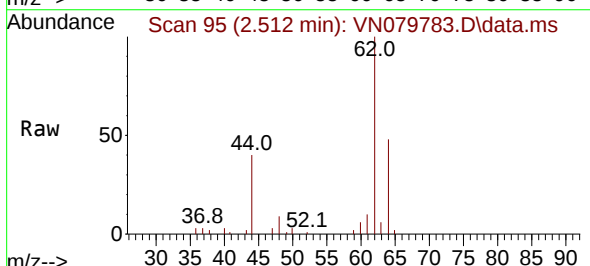
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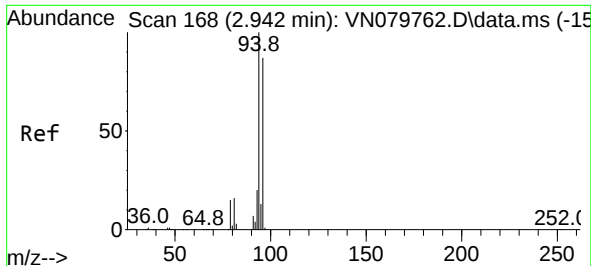
Tgt Ion: 62 Resp: 23586

Ion Ratio Lower Upper

62 100

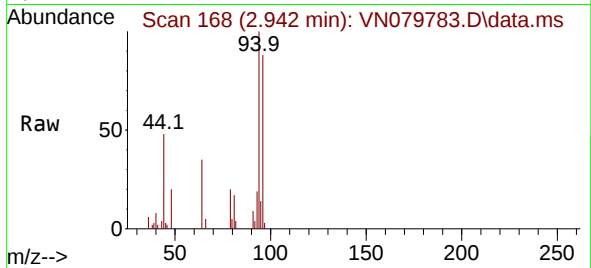
64 35.8 26.2 39.2





#5
Bromomethane
Concen: 6.016 ug/l
RT: 2.942 min Scan# 168
Delta R.T. -0.012 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

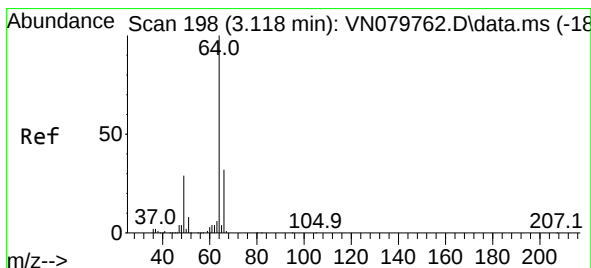
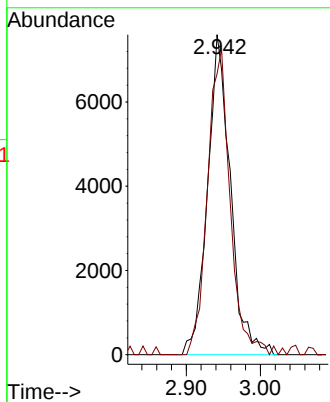
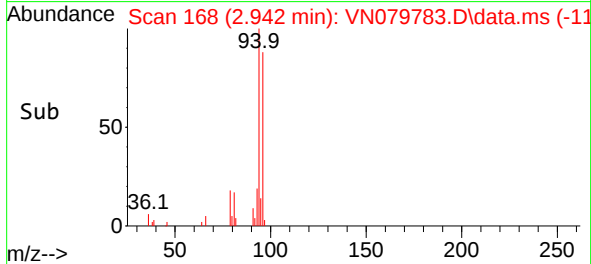
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2023



Tgt Ion: 94 Resp: 1627
Ion Ratio Lower Upper
94 100
96 87.8 73.1 109.7

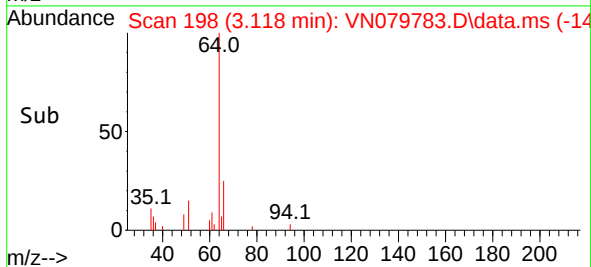
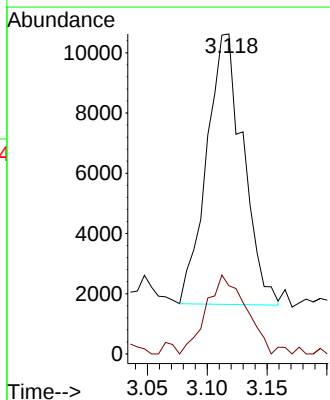
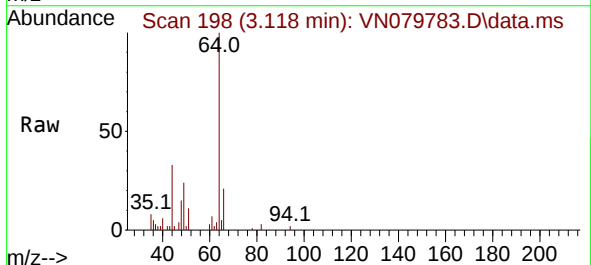
Manual Integrations
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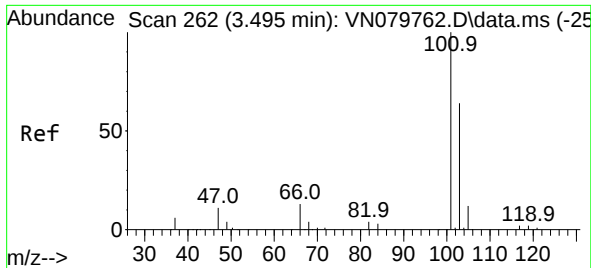
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#6
Chloroethane
Concen: 5.417 ug/l m
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

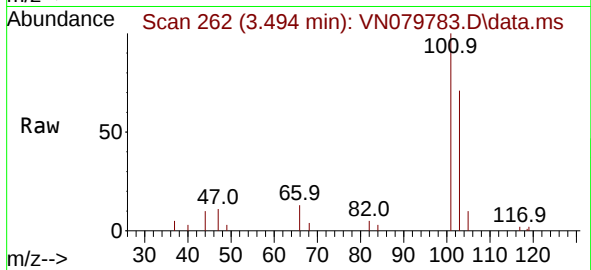
Tgt Ion: 64 Resp: 19051
Ion Ratio Lower Upper
64 100
66 21.3 25.4 38.2#





#7
 Trichlorofluoromethane
 Concen: 5.413 ug/l
 RT: 3.494 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VN079783.D
 Acq: 01 Nov 2023 19:54

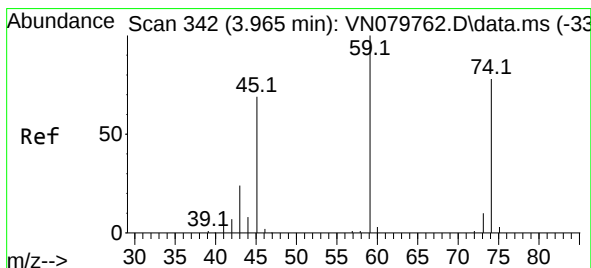
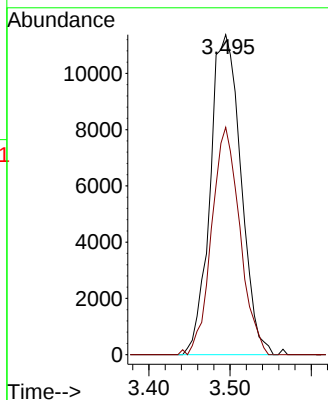
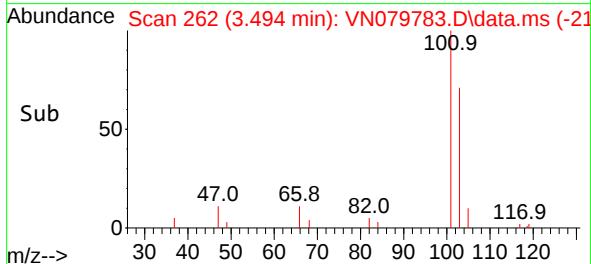
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2023



Tgt Ion:101 Resp: 2996
 Ion Ratio Lower Upper
 101 100
 103 71.0 50.7 76.1

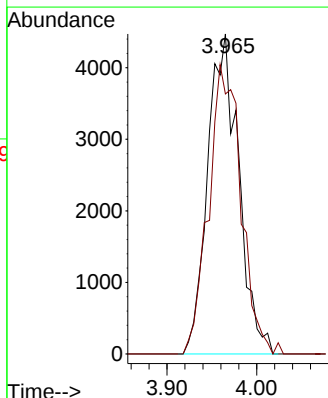
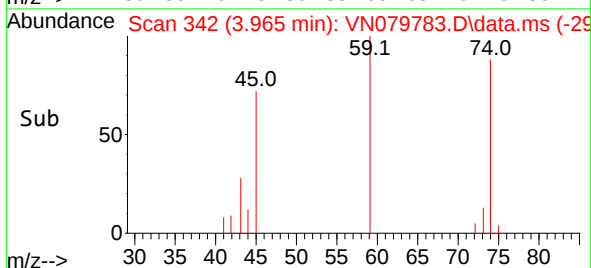
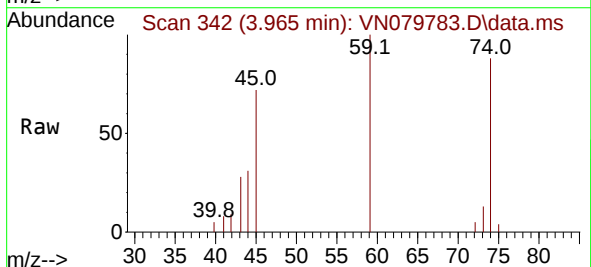
Manual Integrations
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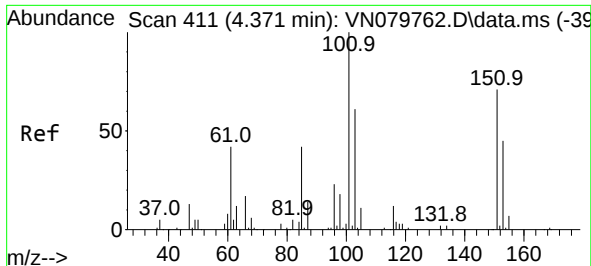
Reviewed By :John Carlone 11/02/2023
 Supervised By :Mahesh Dadoda 11/02/2023



#8
 Diethyl Ether
 Concen: 5.100 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN079783.D
 Acq: 01 Nov 2023 19:54

Tgt Ion: 74 Resp: 10715
 Ion Ratio Lower Upper
 74 100
 45 94.5 34.4 103.3





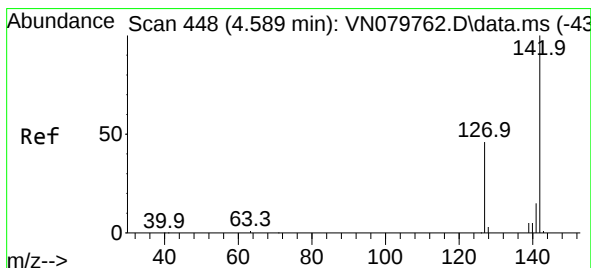
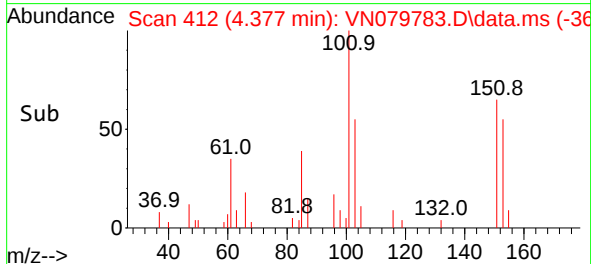
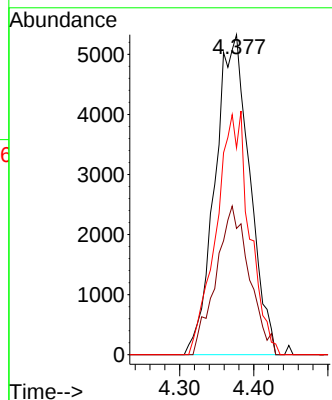
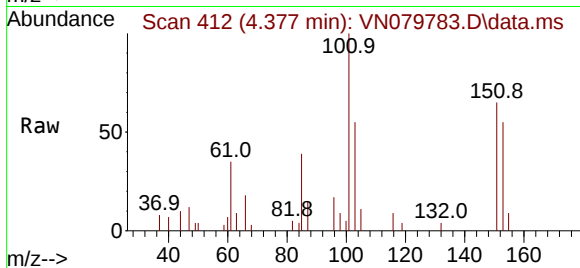
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.386 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:101 Resp: 17280
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 73.2 57.6 86.4

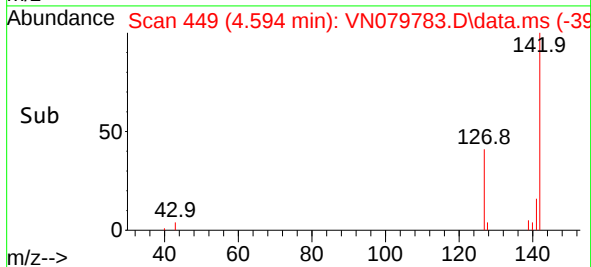
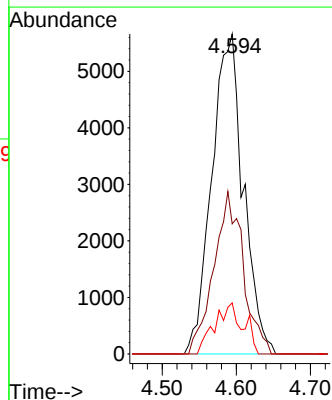
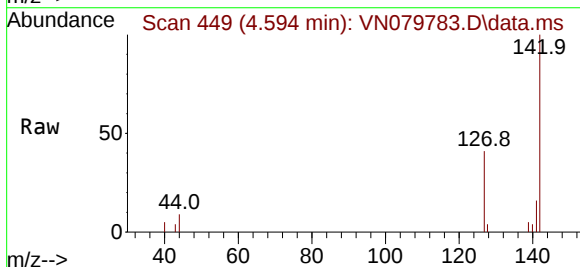
Manual Integrations
APPROVED

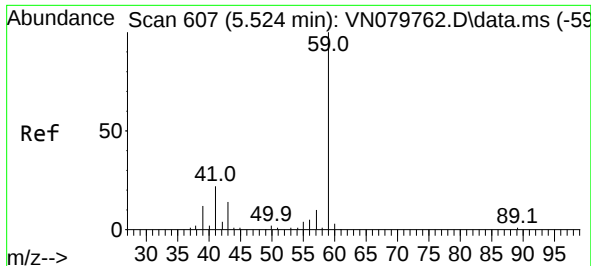
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#10
Methyl Iodide
Concen: 4.565 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

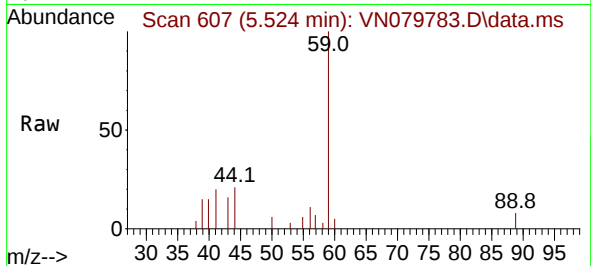
Tgt Ion:142 Resp: 16730
Ion Ratio Lower Upper
142 100
127 40.6 37.6 56.4
141 15.9 11.4 17.0





#11
Tert butyl alcohol
Concen: 26.921 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

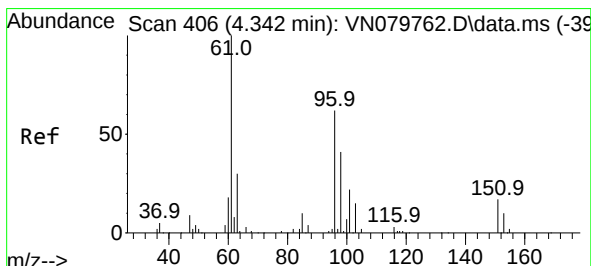
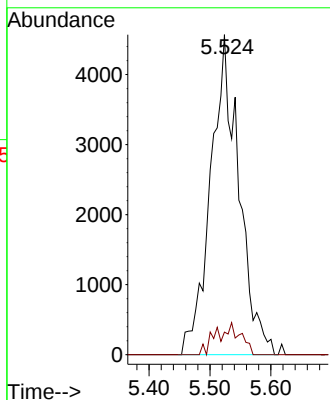
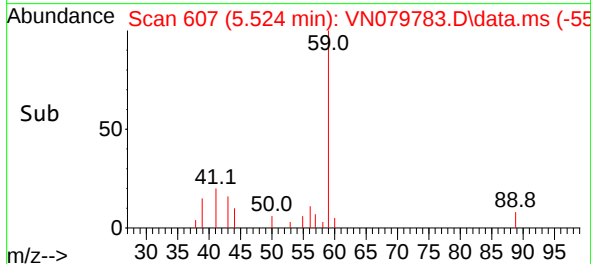
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



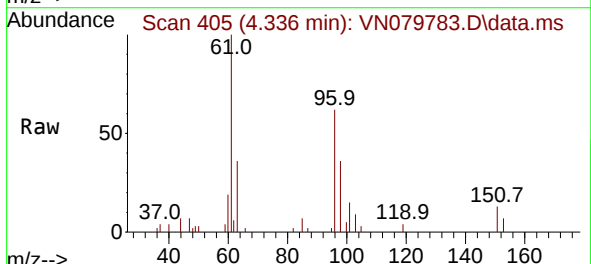
Tgt Ion: 59 Resp: 14780
Ion Ratio Lower Upper
59 100
57 5.3 8.2 12.4

Manual Integrations
APPROVED

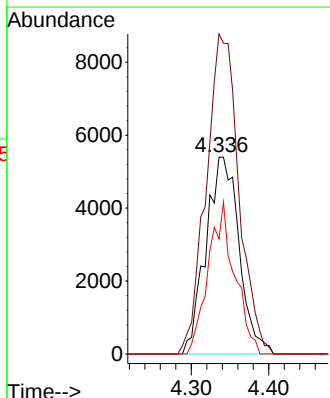
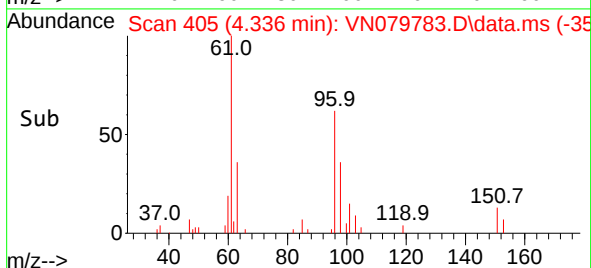
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

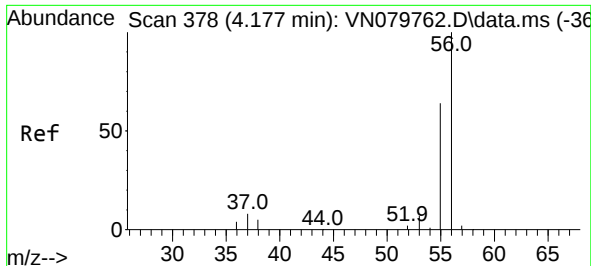


#12
1,1-Dichloroethene
Concen: 5.289 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54



Tgt Ion: 96 Resp: 16072
Ion Ratio Lower Upper
96 100
61 162.6 112.7 169.1
98 58.4 51.2 76.8





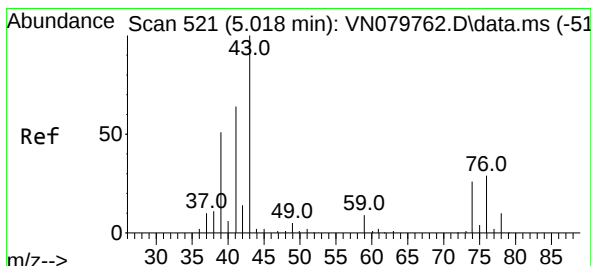
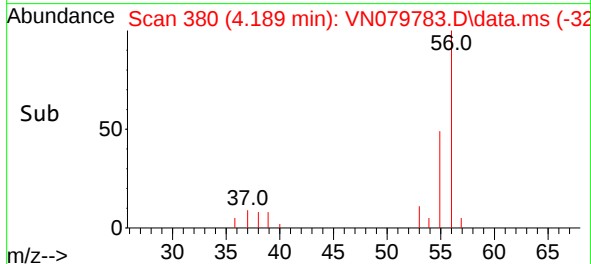
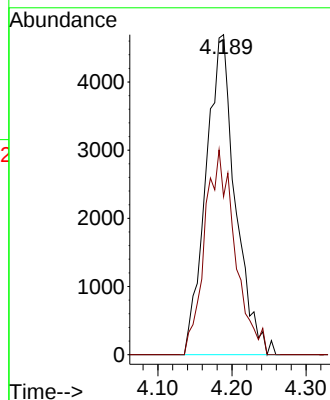
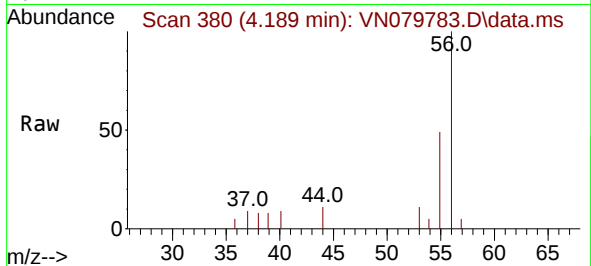
#13
Acrolein
Concen: 27.626 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 56 Resp: 1297
Ion Ratio Lower Upper
56 100
55 65.7 54.5 81.7

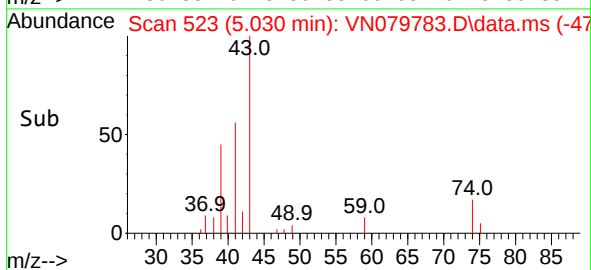
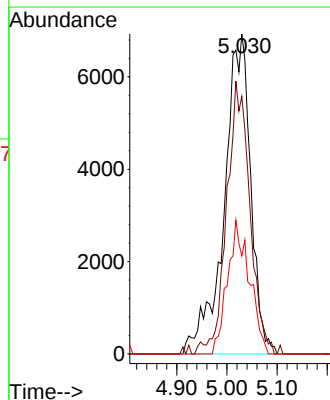
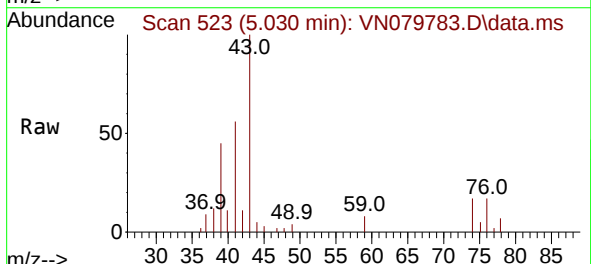
Manual Integrations
APPROVED

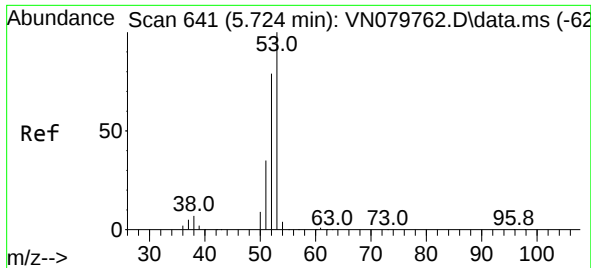
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#14
Allyl chloride
Concen: 5.493 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

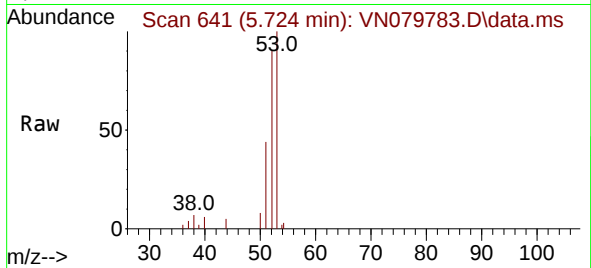
Tgt Ion: 41 Resp: 25566
Ion Ratio Lower Upper
41 100
39 74.1 58.8 88.2
76 34.3 39.1 58.7#





#15
Acrylonitrile
Concen: 25.932 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

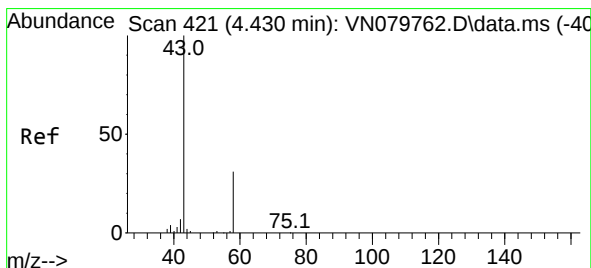
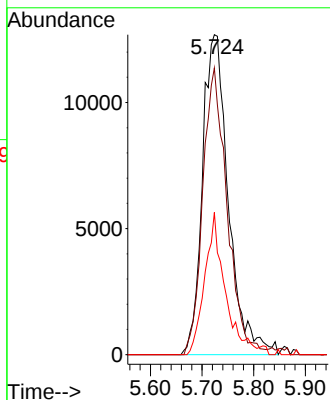
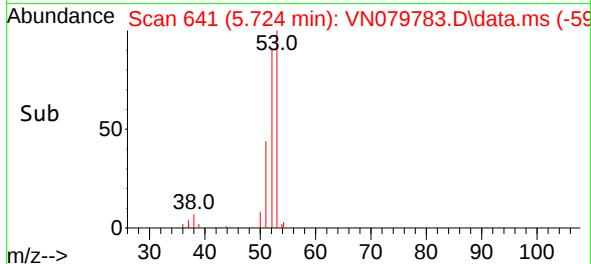
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2023



Tgt Ion: 53 Resp: 44368
Ion Ratio Lower Upper
53 100
52 83.7 65.3 97.9
51 34.5 28.9 43.3

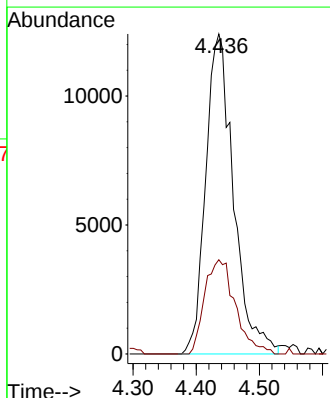
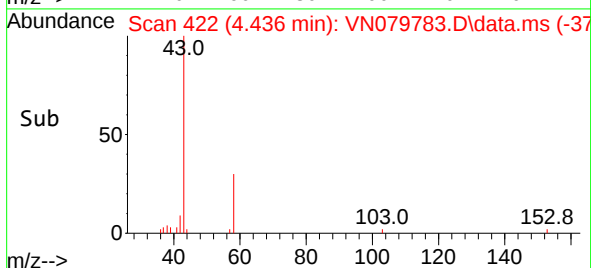
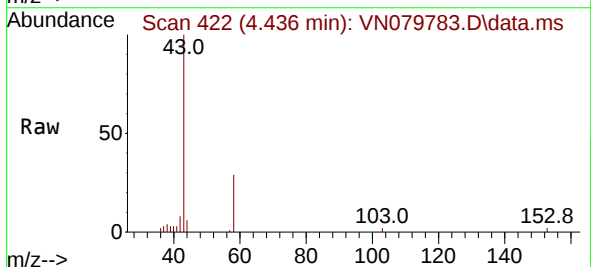
Manual Integrations
APPROVED

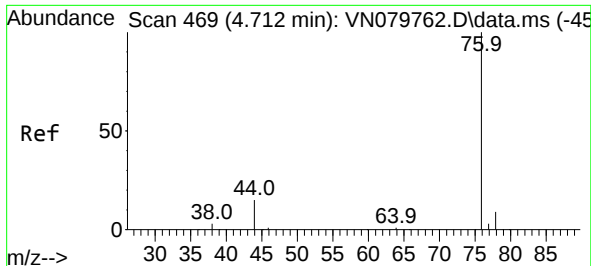
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#16
Acetone
Concen: 25.106 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

Tgt Ion: 43 Resp: 37928
Ion Ratio Lower Upper
43 100
58 29.5 28.0 42.0





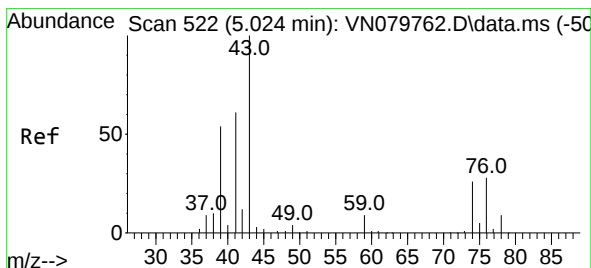
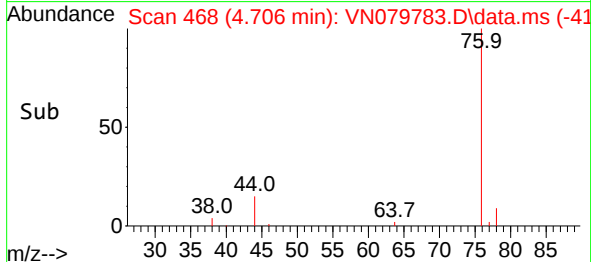
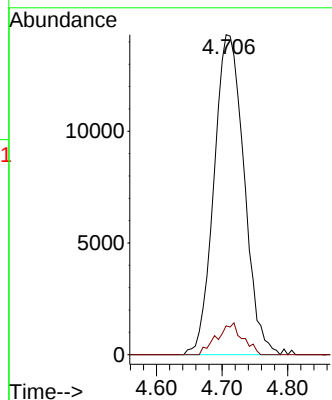
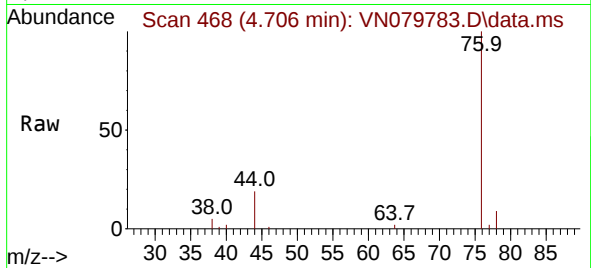
#17
Carbon Disulfide
Concen: 5.190 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 76 Resp: 4548
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

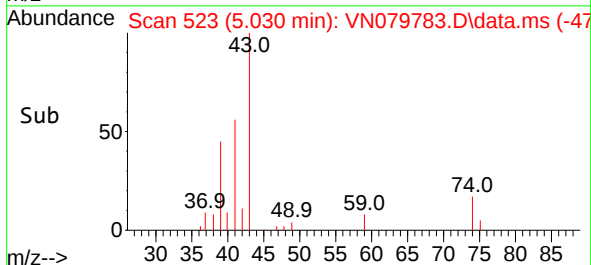
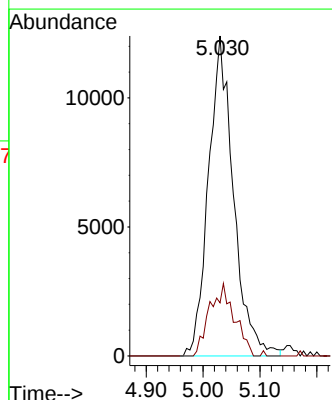
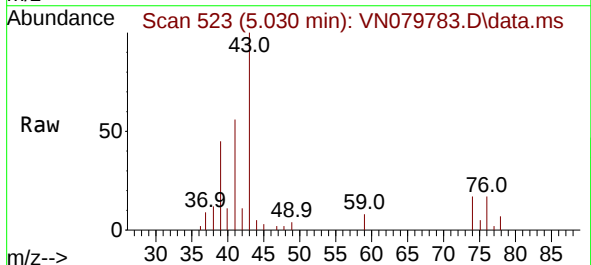
Manual Integrations
APPROVED

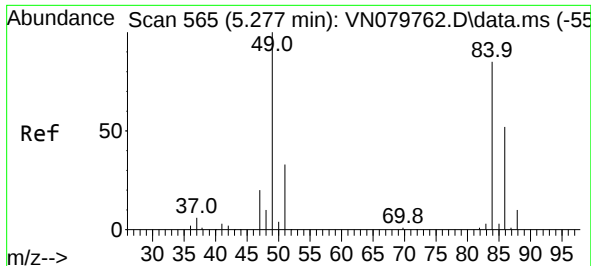
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#18
Methyl Acetate
Concen: 5.238 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

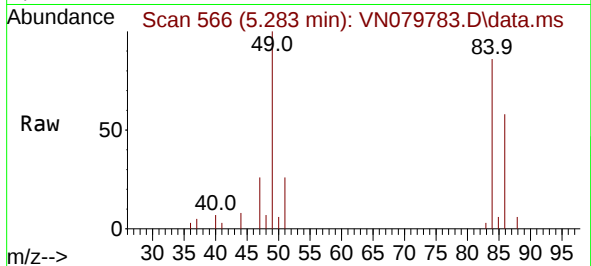
Tgt Ion: 43 Resp: 37861
Ion Ratio Lower Upper
43 100
74 22.4 26.2 39.4#





#20
Methylene Chloride
Concen: 5.334 ug/l
RT: 5.283 min Scan# 503
Delta R.T. 0.012 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

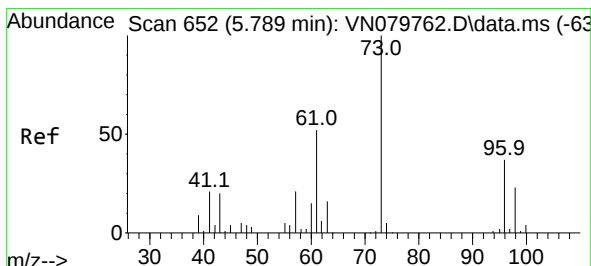
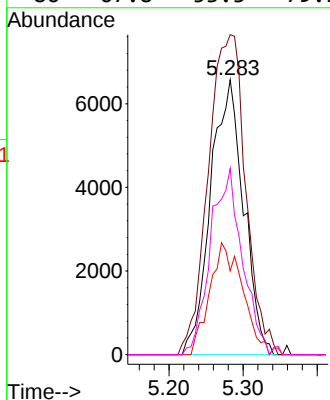
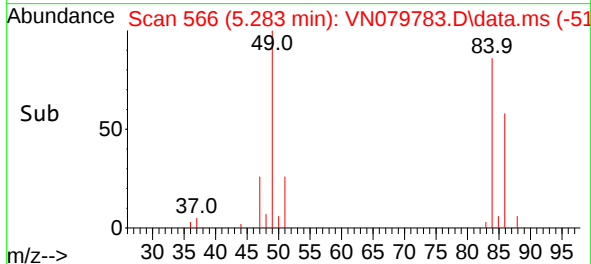
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion:	84	Resp:	20334
Ion	Ratio	Lower	Upper
84	100		
49	116.4	79.7	119.5
51	30.4	25.2	37.8
86	67.8	53.3	79.9

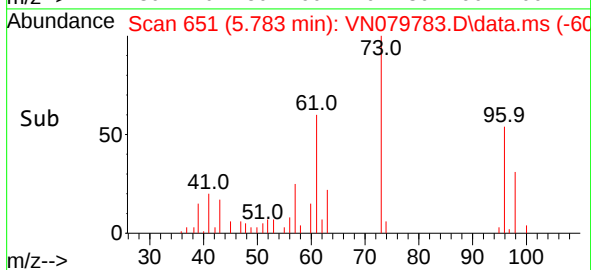
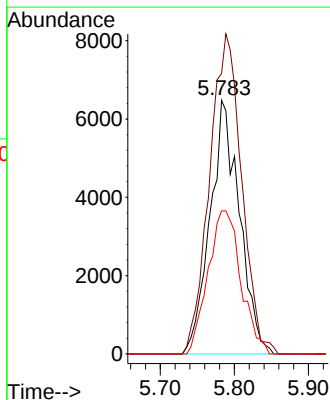
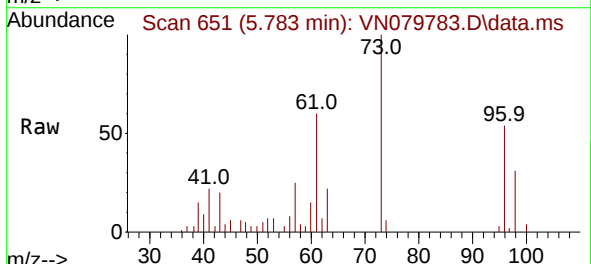
Manual Integrations
APPROVED

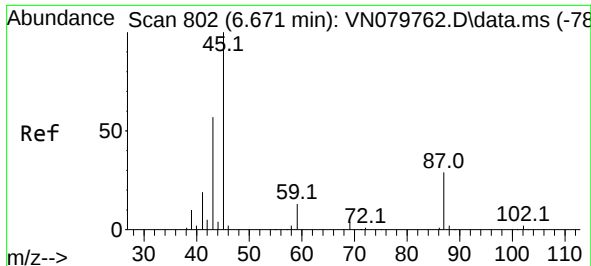
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#21
trans-1,2-Dichloroethene
Concen: 5.263 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

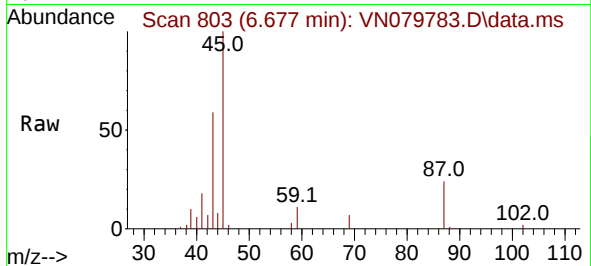
Tgt Ion:	96	Resp:	17837
Ion	Ratio	Lower	Upper
96	100		
61	110.6	90.1	135.1
98	56.4	46.4	69.6





#22
Diisopropyl ether
Concen: 5.278 ug/l
RT: 6.677 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

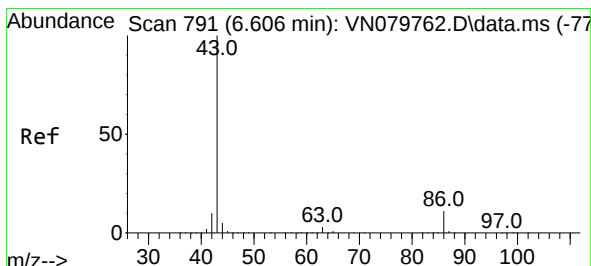
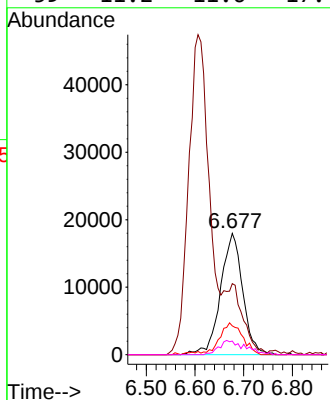
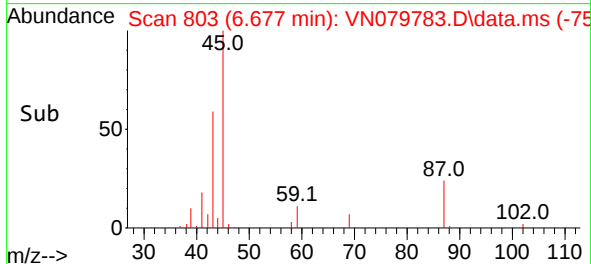
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 45 Resp: 56920
Ion Ratio Lower Upper
45 100
43 56.0 45.5 68.3
87 23.7 31.8 47.8
59 11.2 11.6 17.4#

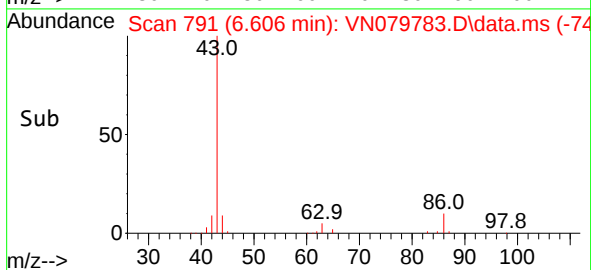
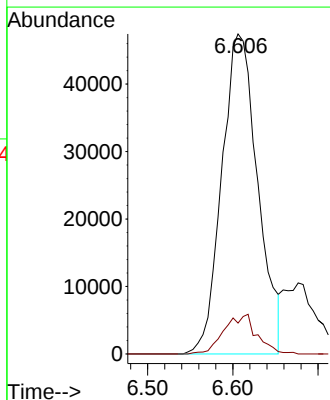
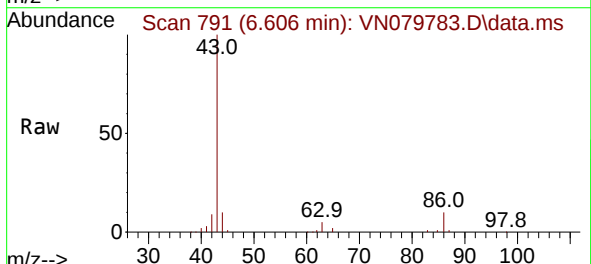
Manual Integrations
APPROVED

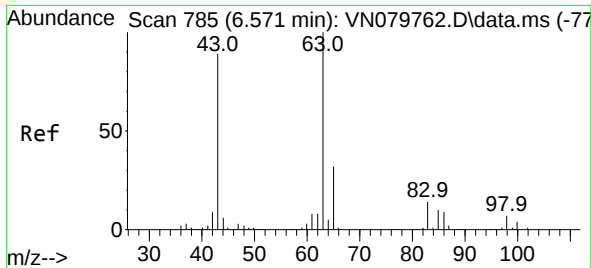
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#23
Vinyl Acetate
Concen: 23.405 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

Tgt Ion: 43 Resp: 139240
Ion Ratio Lower Upper
43 100
86 9.7 13.0 19.6#





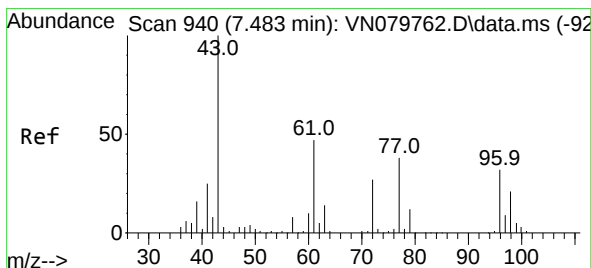
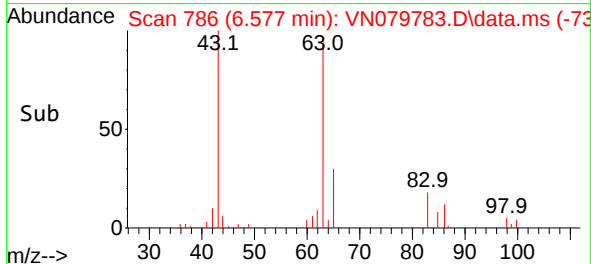
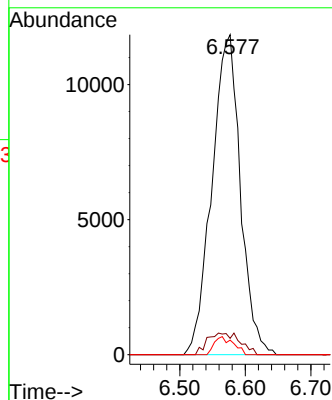
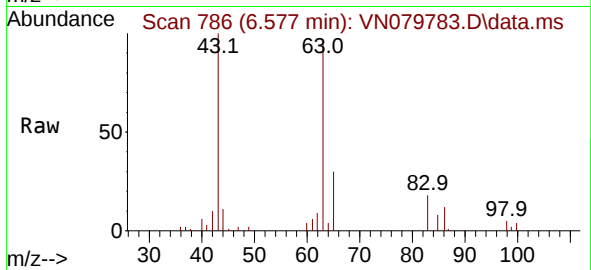
#24
1,1-Dichloroethane
Concen: 5.449 ug/l
RT: 6.577 min Scan# 785
Delta R.T. 0.006 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 63 Resp: 3572
Ion Ratio Lower Upper
63 100
98 5.1 3.9 11.7
100 4.5 2.5 7.4

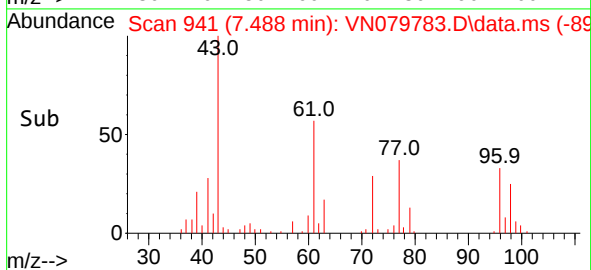
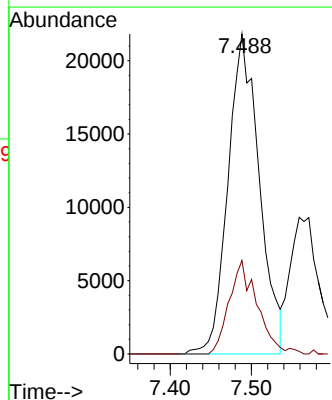
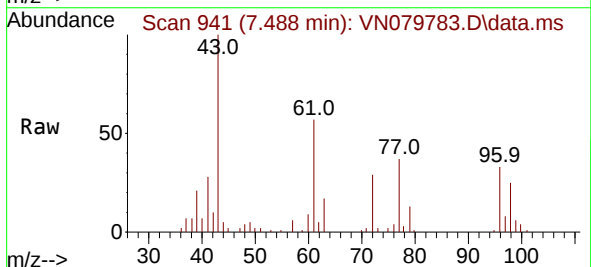
Manual Integrations
APPROVED

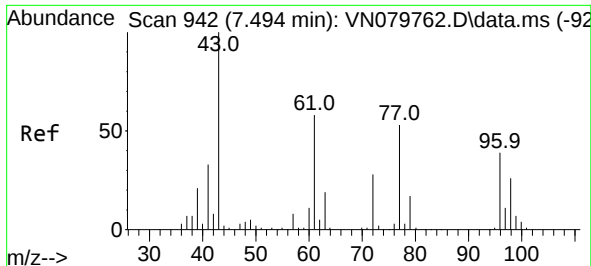
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#25
2-Butanone
Concen: 26.432 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

Tgt Ion: 43 Resp: 58475
Ion Ratio Lower Upper
43 100
72 29.2 30.2 45.2#





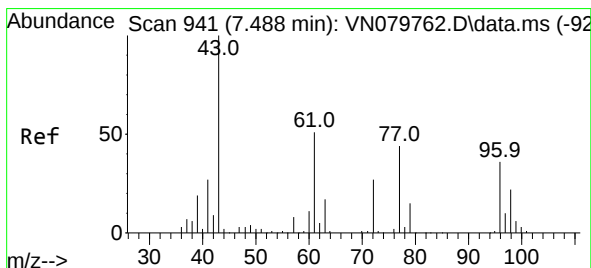
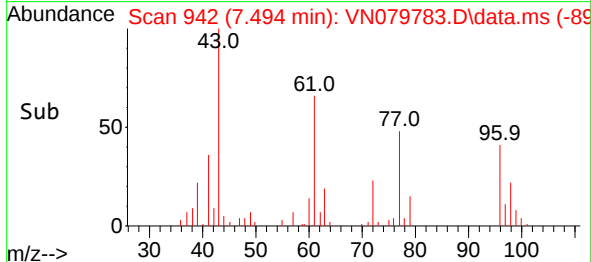
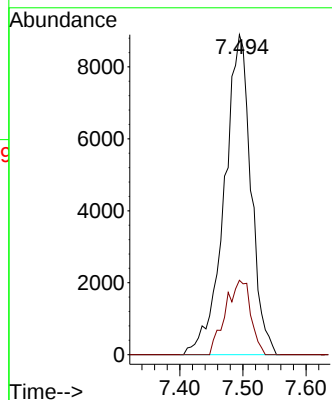
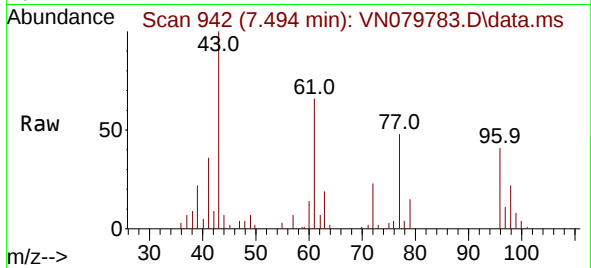
#26
2,2-Dichloropropane
Concen: 4.828 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 77 Resp: 2617
Ion Ratio Lower Upper
77 100
97 21.9 11.2 33.6

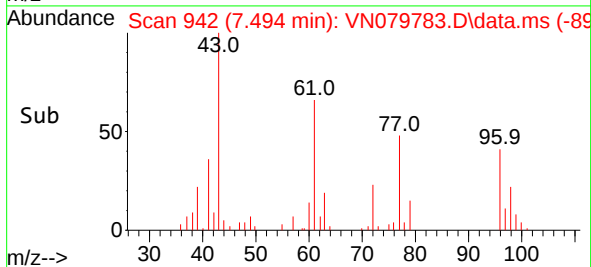
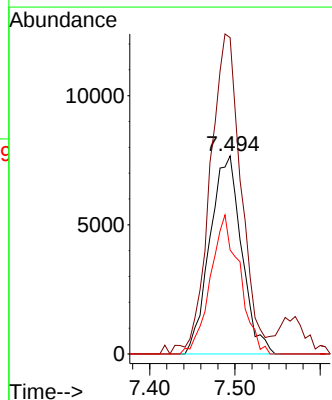
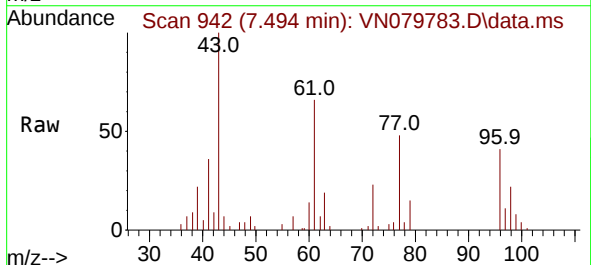
Manual Integrations
APPROVED

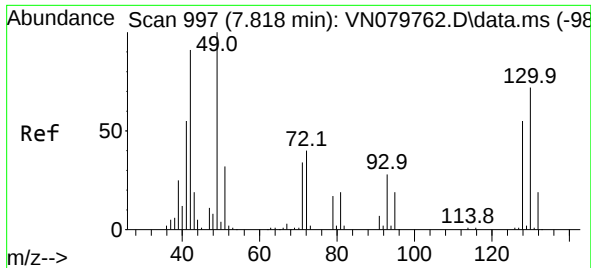
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#27
cis-1,2-Dichloroethene
Concen: 4.891 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

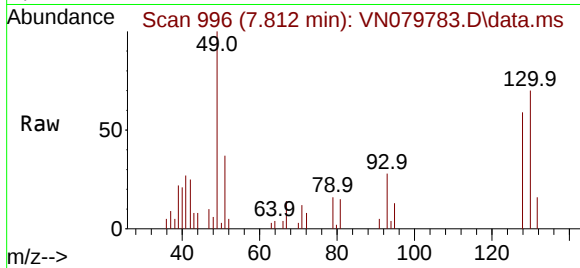
Tgt Ion: 96 Resp: 19828
Ion Ratio Lower Upper
96 100
61 158.3 0.0 255.2
98 64.8 0.0 128.8





#28
Bromochloromethane
Concen: 5.582 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

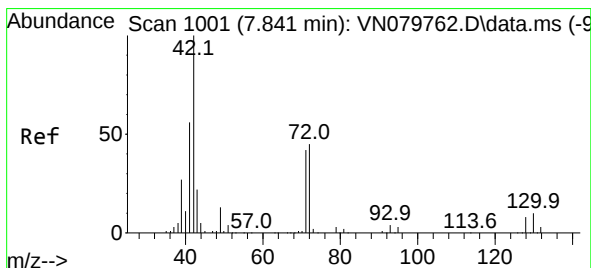
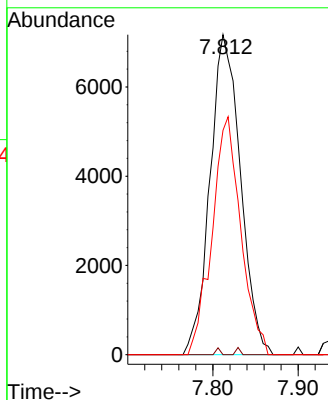
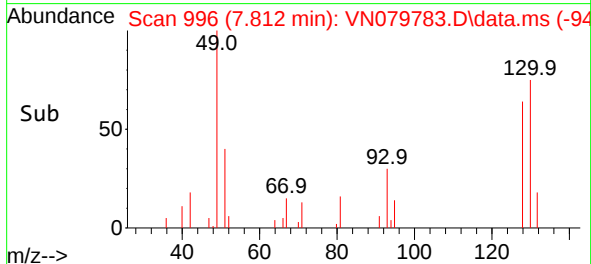
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



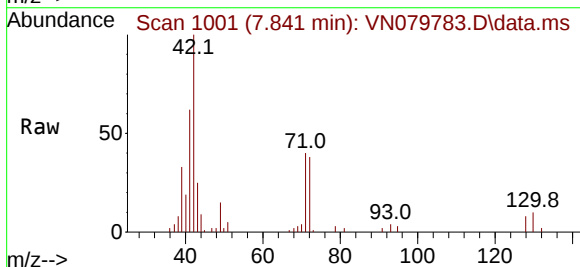
Tgt Ion: 49 Resp: 17834
Ion Ratio Lower Upper
49 100
129 0.3 0.0 4.8
130 70.1 75.3 112.9

Manual Integrations
APPROVED

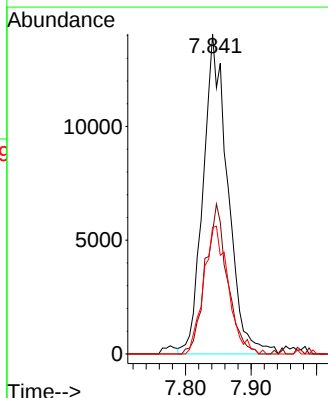
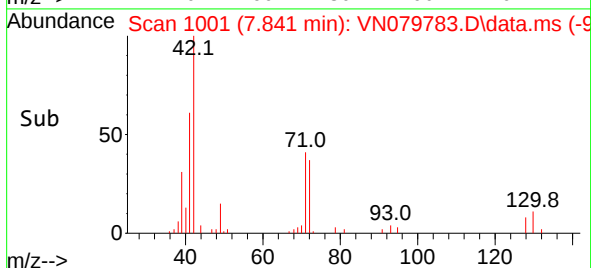
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

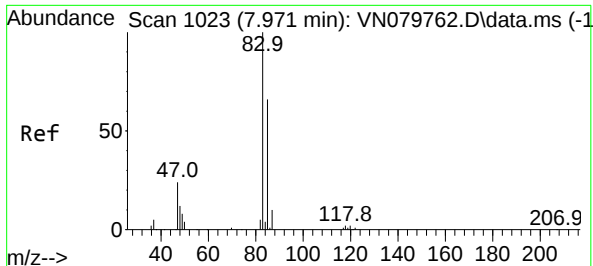


#29
Tetrahydrofuran
Concen: 25.527 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54



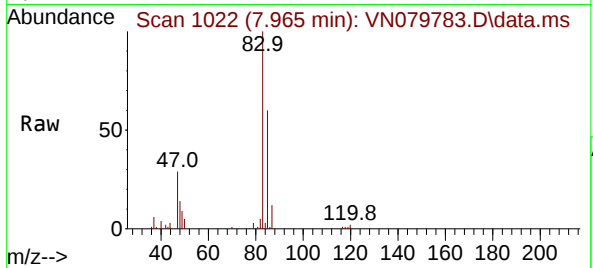
Tgt Ion: 42 Resp: 36741
Ion Ratio Lower Upper
42 100
72 41.8 49.8 74.6#
71 40.0 47.4 71.2#





#30
Chloroform
Concen: 5.381 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

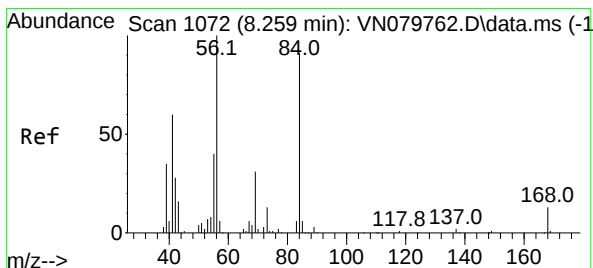
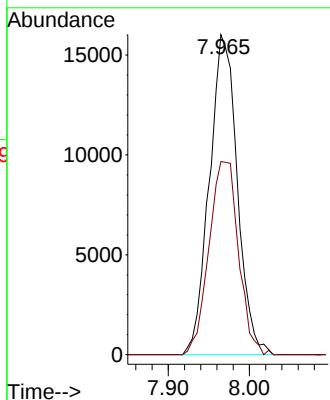
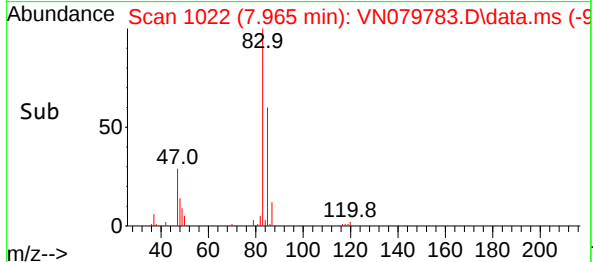
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 83 Resp: 3831
Ion Ratio Lower Upper
83 100
85 60.3 55.4 83.0

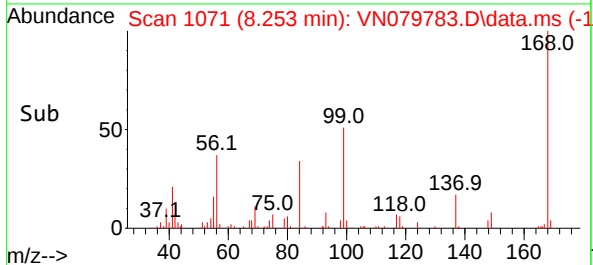
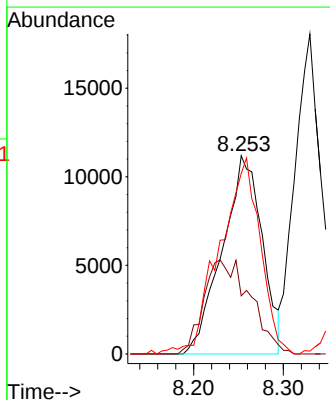
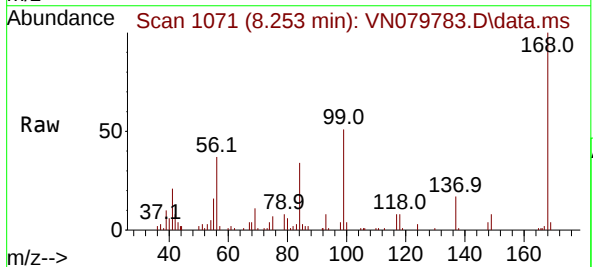
Manual Integrations
APPROVED

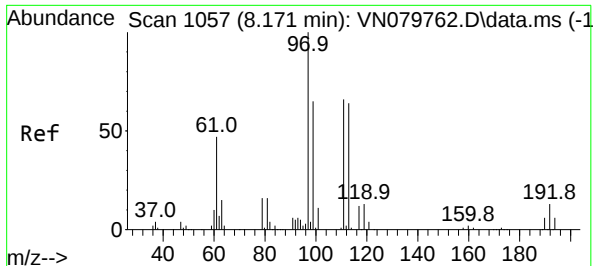
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#31
Cyclohexane
Concen: 6.076 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

Tgt Ion: 56 Resp: 34530
Ion Ratio Lower Upper
56 100
69 29.3 26.8 40.2
84 88.7 81.8 122.6





#32

1,1,1-Trichloroethane

Concen: 5.515 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079783.D

Acq: 01 Nov 2023 19:54

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

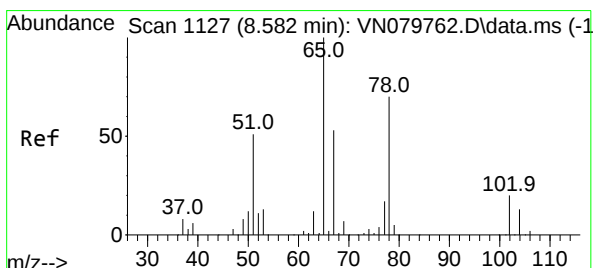
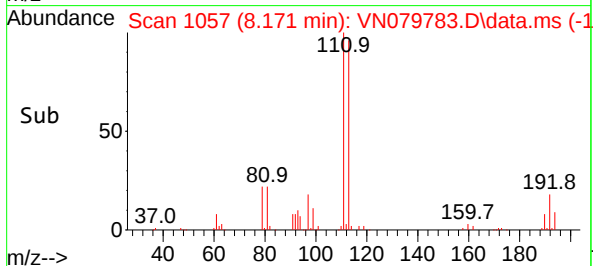
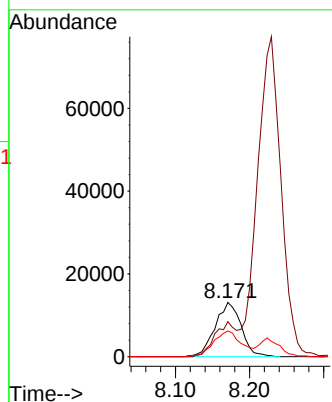
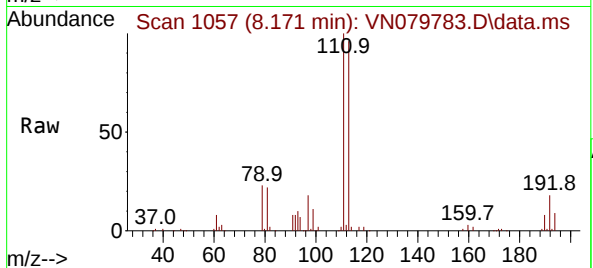
Tgt Ion:	97	Resp:	3199
Ion	Ratio	Lower	Upper
97	100		
99	51.5	50.3	75.5
61	50.7	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#33

1,2-Dichloroethane-d4

Concen: 52.584 ug/l

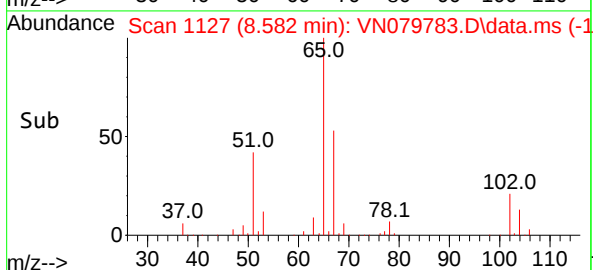
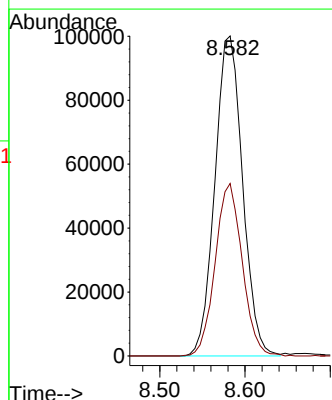
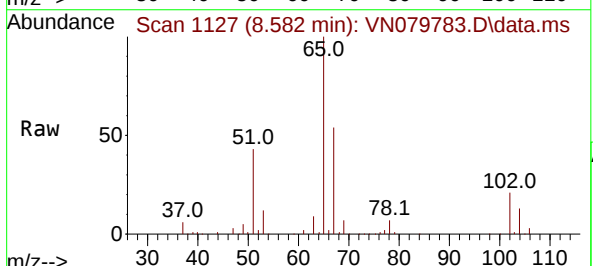
RT: 8.582 min Scan# 1127

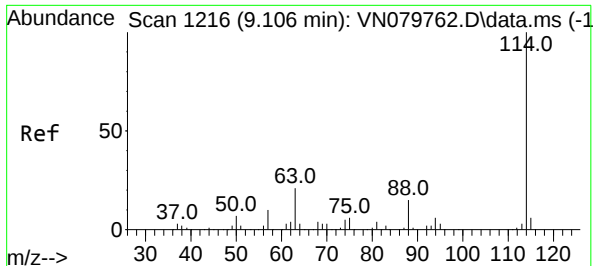
Delta R.T. 0.000 min

Lab File: VN079783.D

Acq: 01 Nov 2023 19:54

Tgt Ion:	65	Resp:	226157
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079783.D

Acq: 01 Nov 2023 19:54

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion:114 Resp: 49337

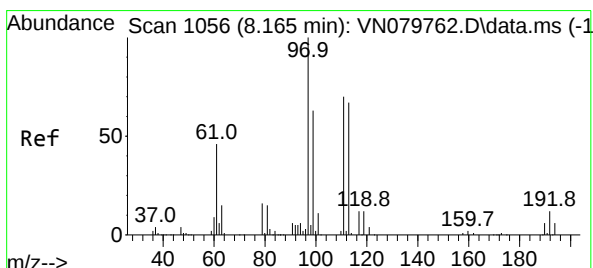
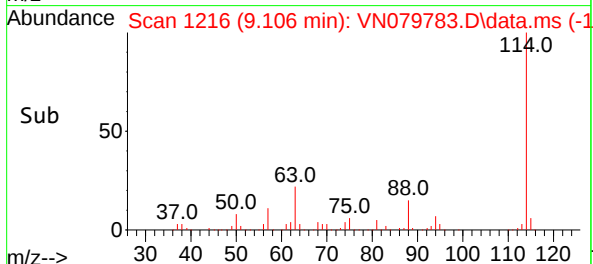
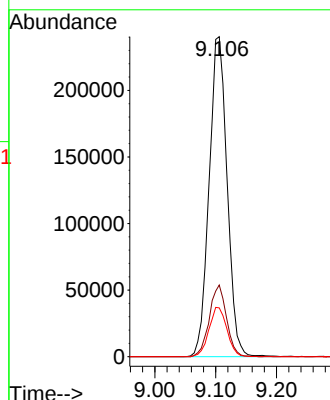
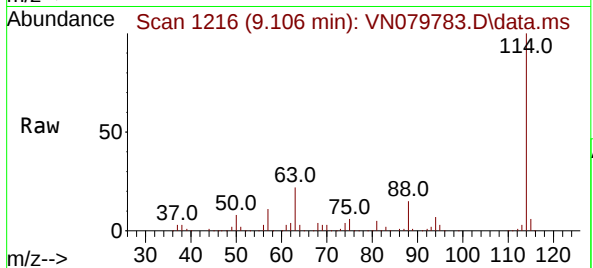
Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	36.4
88	15.3	0.0	30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#35

Dibromofluoromethane

Concen: 50.160 ug/l

RT: 8.171 min Scan# 1057

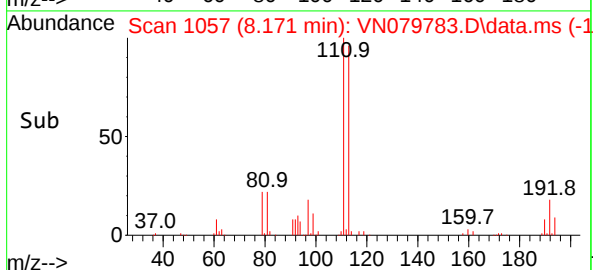
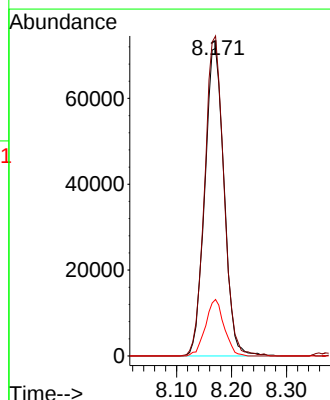
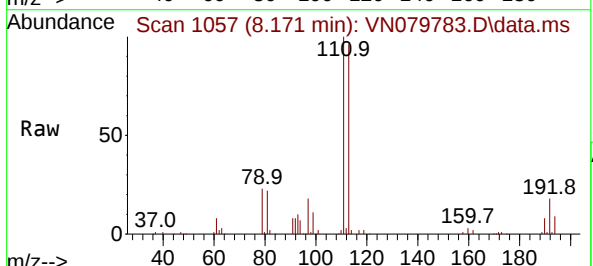
Delta R.T. 0.000 min

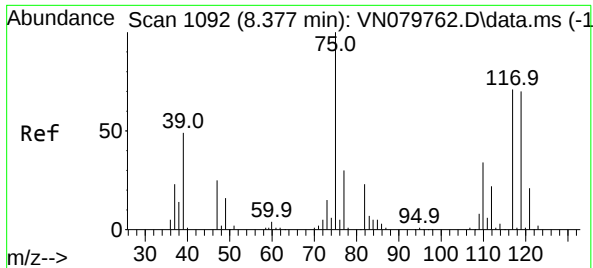
Lab File: VN079783.D

Acq: 01 Nov 2023 19:54

Tgt Ion:113 Resp: 175154

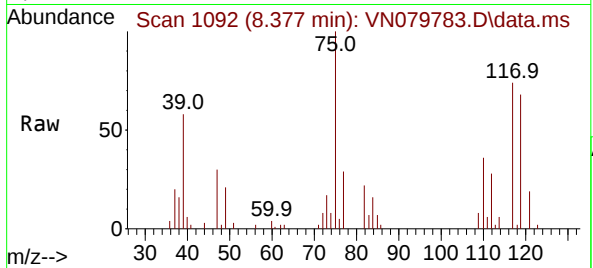
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	123.8
192	17.6	12.7	19.1





#36
1,1-Dichloropropene
Concen: 5.210 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

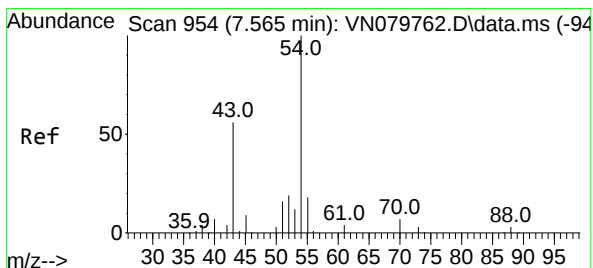
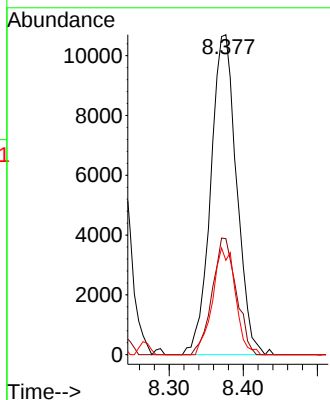
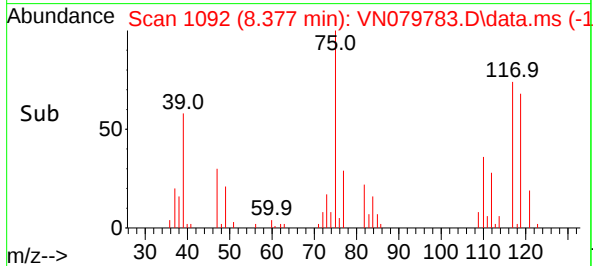
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



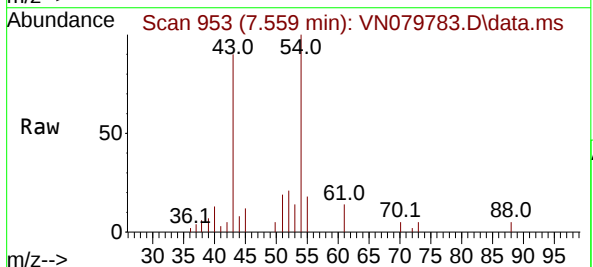
Tgt Ion: 75 Resp: 25978
Ion Ratio Lower Upper
75 100
110 33.8 19.1 57.3
77 29.5 25.0 37.4

Manual Integrations
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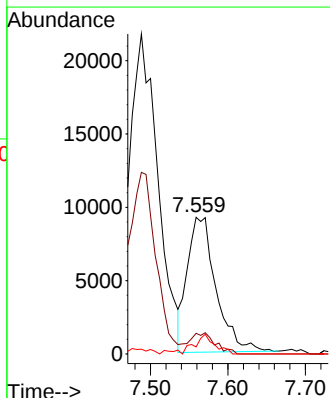
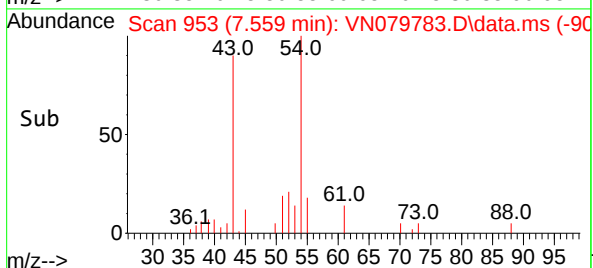
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

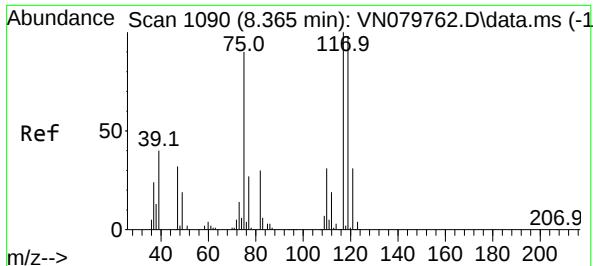


#37
Ethyl Acetate
Concen: 5.204 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.006 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54



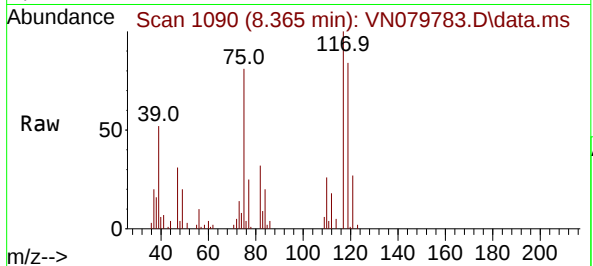
Tgt Ion: 43 Resp: 23794
Ion Ratio Lower Upper
43 100
61 13.6 13.2 19.8
70 10.3 11.3 16.9#





#38
Carbon Tetrachloride
Concen: 5.277 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

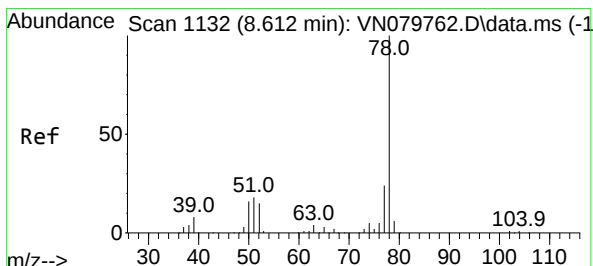
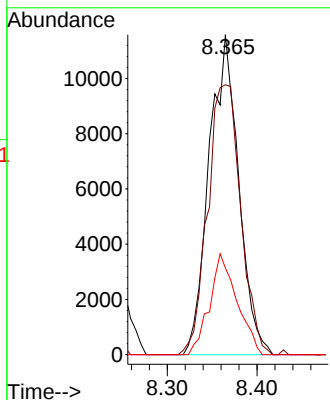
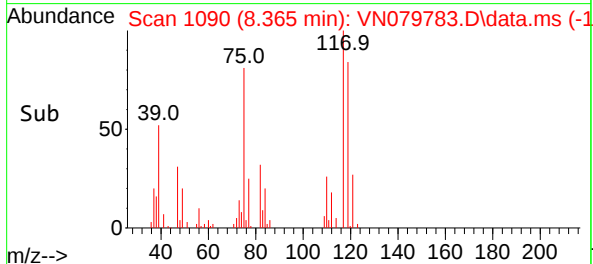
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 117 Resp: 2651
Ion Ratio Lower Upper
117 100
119 84.4 77.3 115.9
121 27.0 23.3 34.9

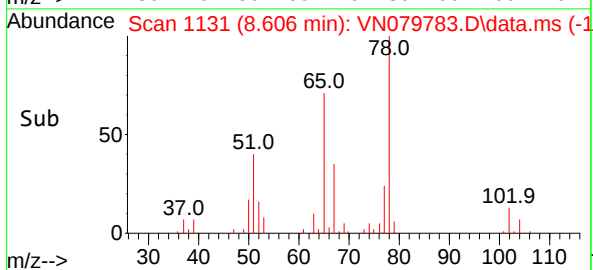
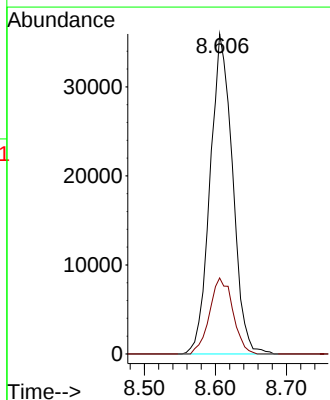
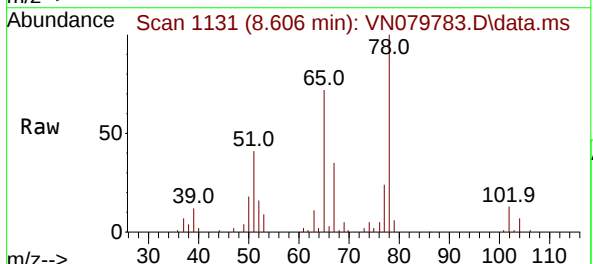
Manual Integrations
APPROVED

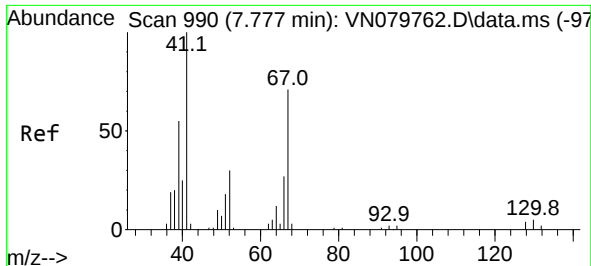
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#40
Benzene
Concen: 5.269 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

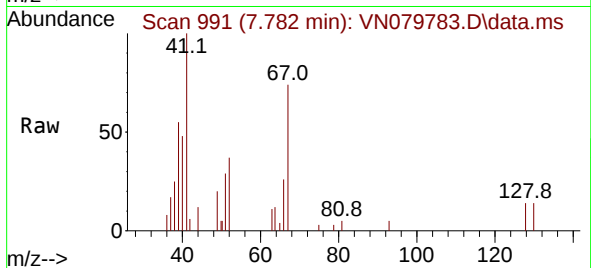
Tgt Ion: 78 Resp: 78691
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6





#41
Methacrylonitrile
Concen: 5.041 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

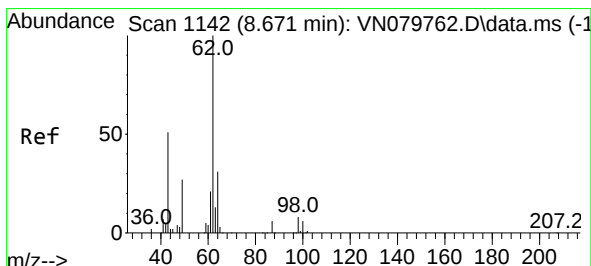
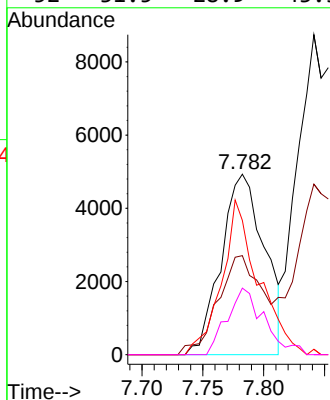
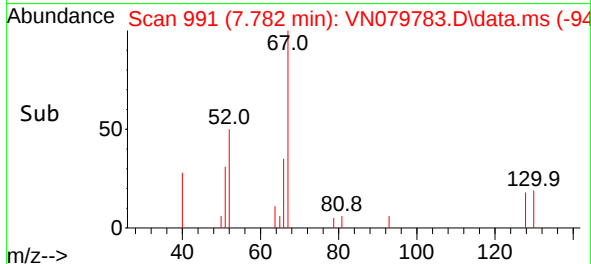
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



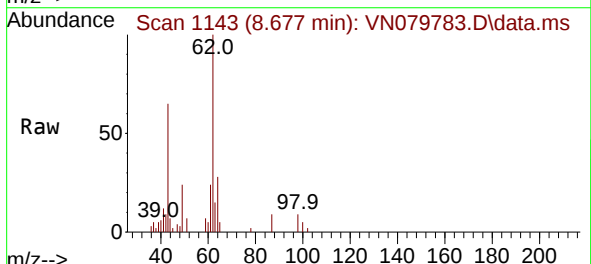
Tgt Ion: 41 Resp: 1224
Ion Ratio Lower Upper
41 100
39 55.1 42.6 64.0
67 72.6 77.5 116.3
52 31.5 28.9 43.3

Manual Integrations
APPROVED

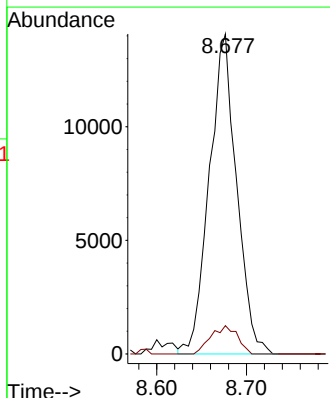
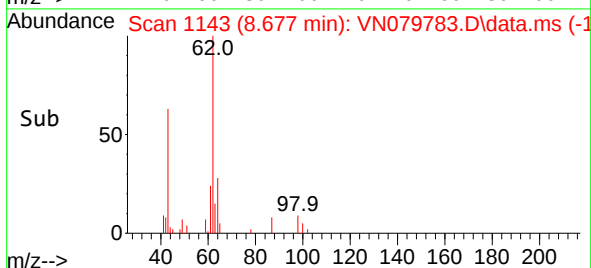
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

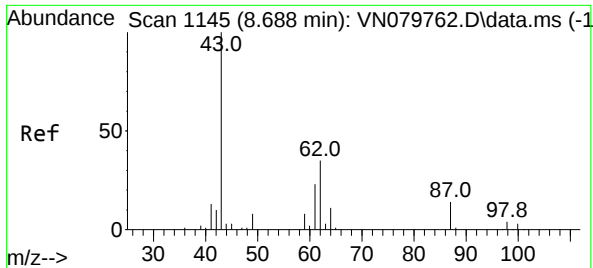


#42
1,2-Dichloroethane
Concen: 5.707 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54



Tgt Ion: 62 Resp: 29772
Ion Ratio Lower Upper
62 100
98 8.6 0.0 19.8





#43

Isopropyl Acetate

Concen: 4.748 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN079783.D

Acq: 01 Nov 2023 19:54

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

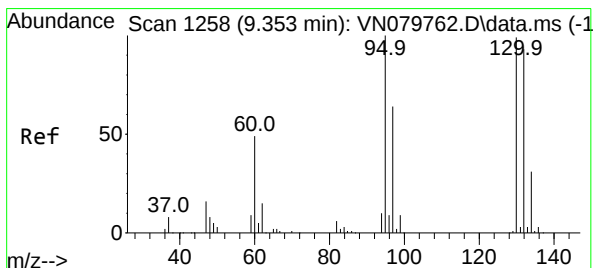
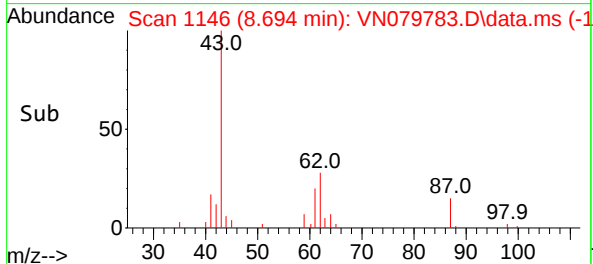
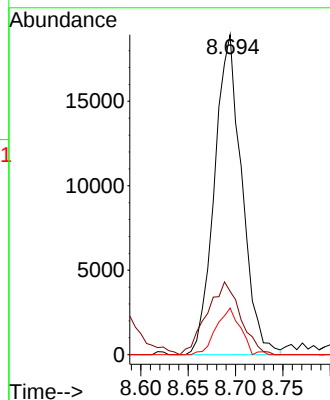
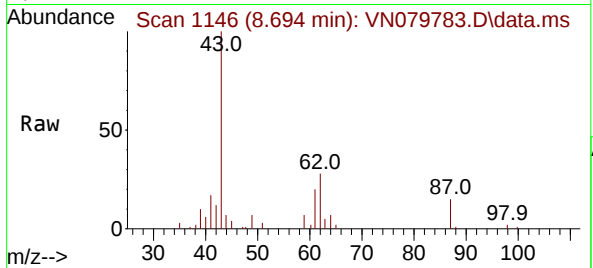
Tgt Ion: 43	Resp: 3807
Ion Ratio	Lower Upper
43	100
61	27.8 24.7 37.1
87	13.0 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#44

Trichloroethene

Concen: 5.111 ug/l

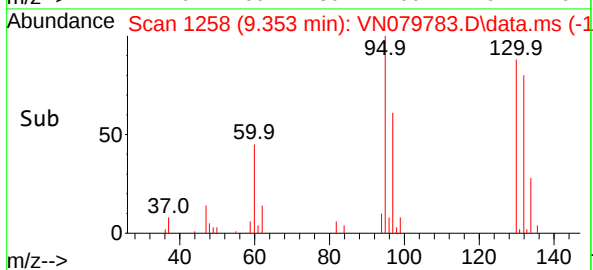
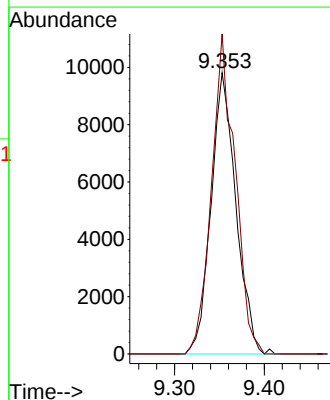
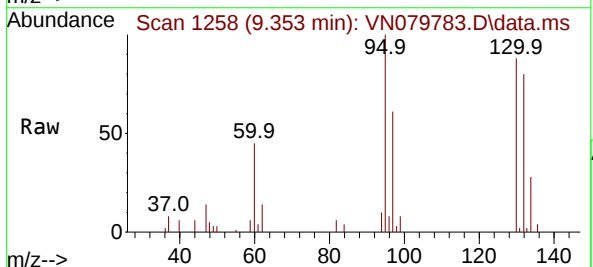
RT: 9.353 min Scan# 1258

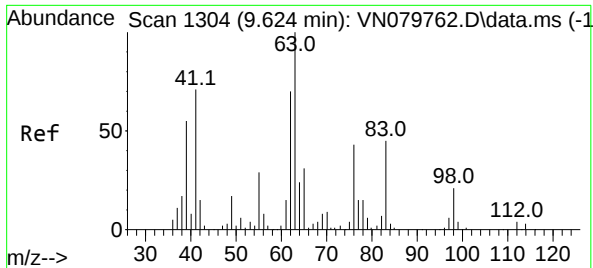
Delta R.T. 0.000 min

Lab File: VN079783.D

Acq: 01 Nov 2023 19:54

Tgt Ion:130	Resp: 18941
Ion Ratio	Lower Upper
130	100
95	113.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 5.610 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079783.D

Acq: 01 Nov 2023 19:54

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

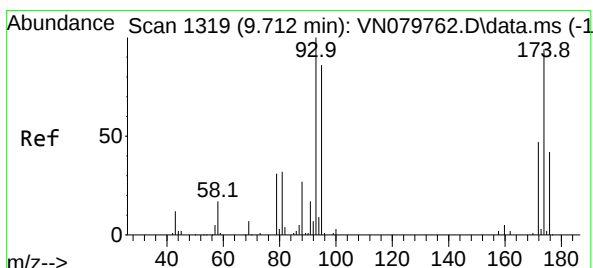
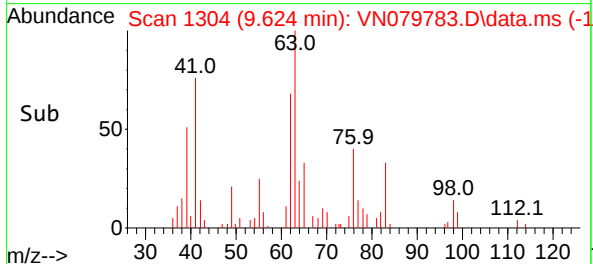
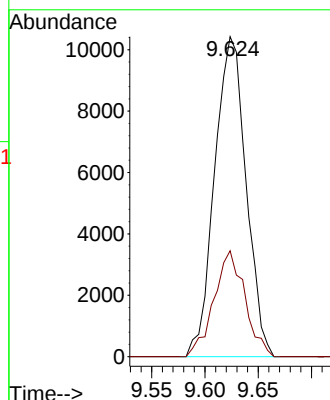
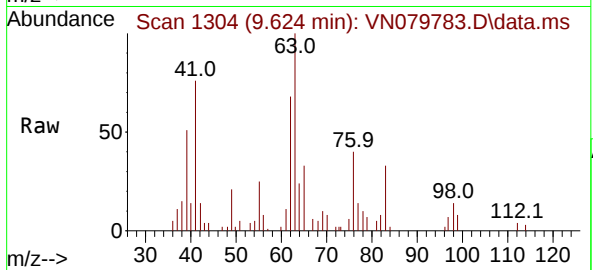
Tgt Ion: 63 Resp: 21410
 Ion Ratio Lower Upper
 63 100
 65 33.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#46

Dibromomethane

Concen: 5.399 ug/l

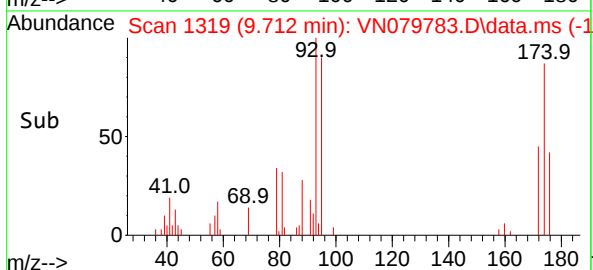
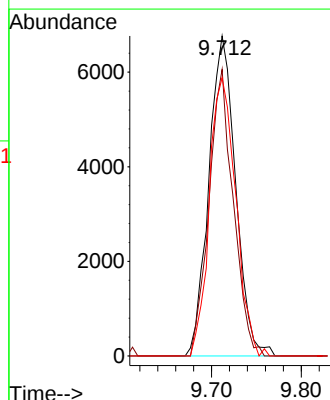
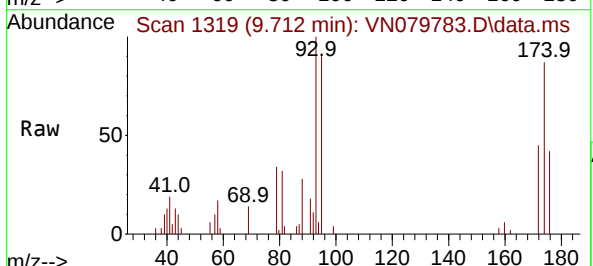
RT: 9.712 min Scan# 1319

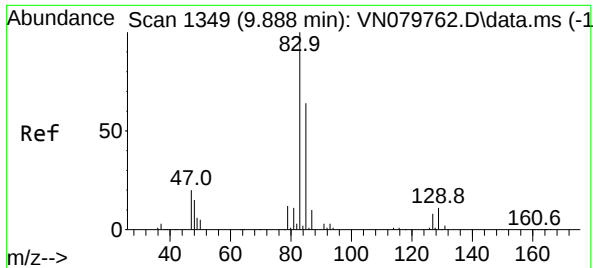
Delta R.T. 0.000 min

Lab File: VN079783.D

Acq: 01 Nov 2023 19:54

Tgt Ion: 93 Resp: 14070
 Ion Ratio Lower Upper
 93 100
 95 81.0 63.8 95.8
 174 85.6 65.6 98.4





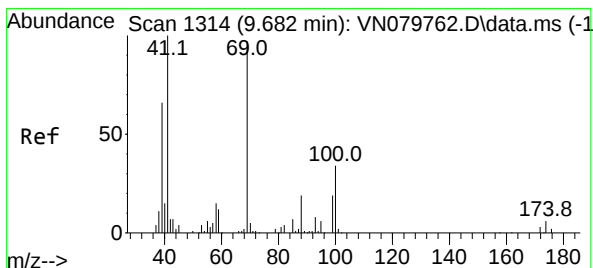
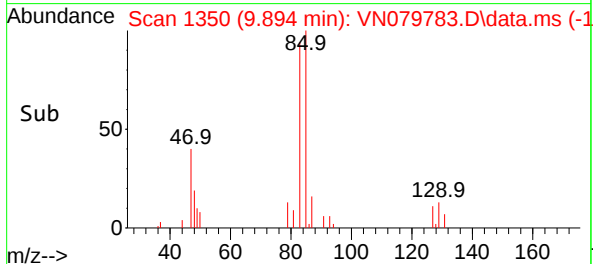
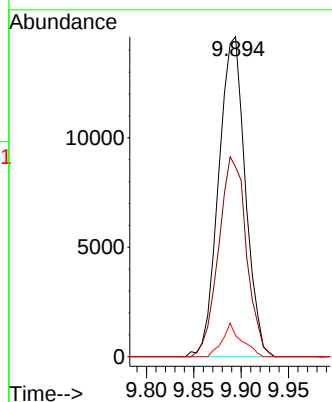
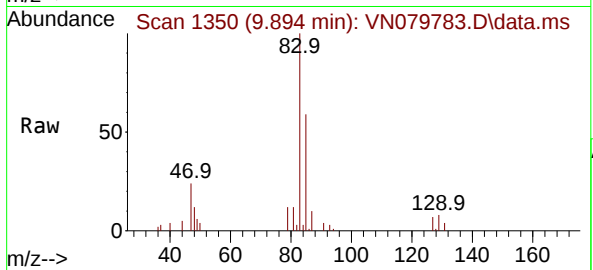
#47
Bromodichloromethane
Concen: 5.151 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 83 Resp: 28628
Ion Ratio Lower Upper
83 100
85 59.3 49.6 74.4
127 6.6 7.0 10.6

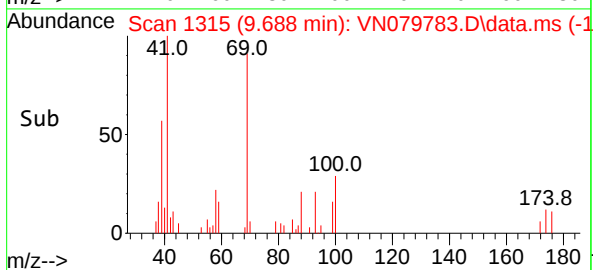
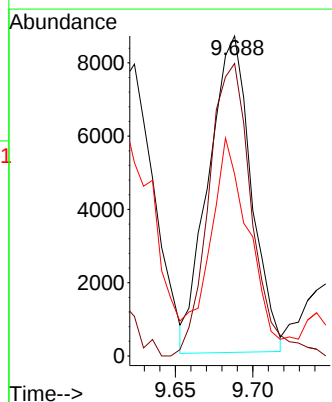
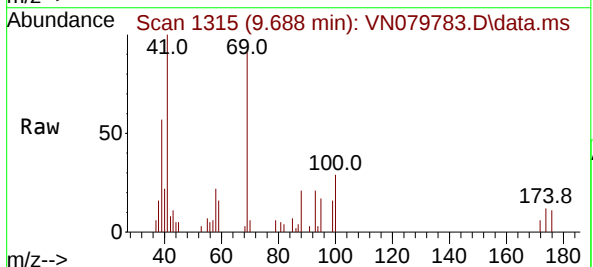
Manual Integrations
APPROVED

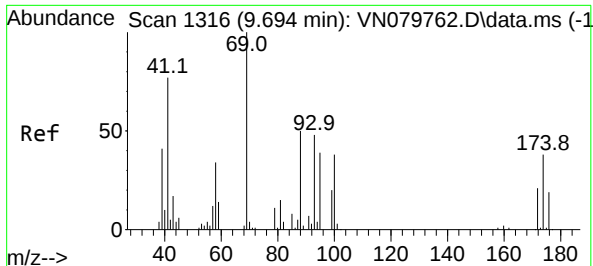
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#48
Methyl methacrylate
Concen: 4.726 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

Tgt Ion: 41 Resp: 16600
Ion Ratio Lower Upper
41 100
69 93.0 90.4 135.6
39 63.7 54.6 81.8





#49

1,4-Dioxane

Concen: 99.171 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN079783.D

Acq: 01 Nov 2023 19:54

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

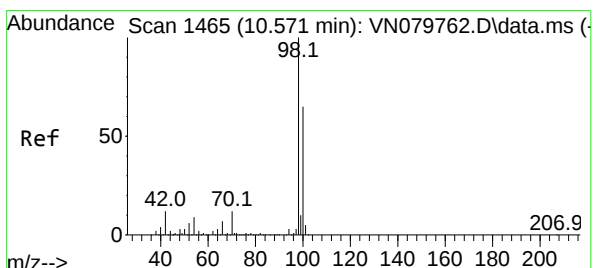
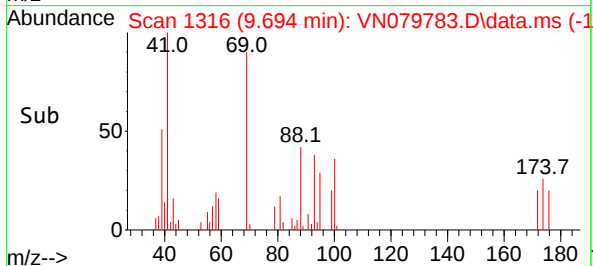
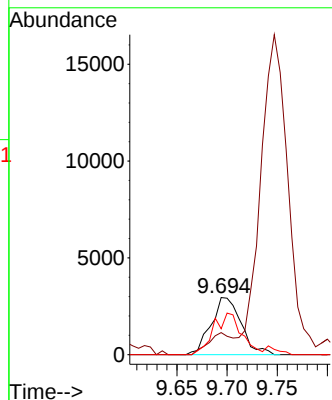
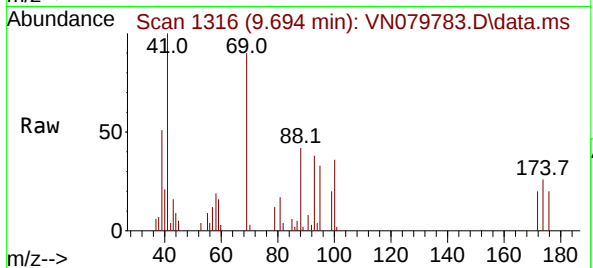
Tgt Ion: 88 Resp: 6158

Ion	Ratio	Lower	Upper
88	100		
43	30.0	17.0	25.6
58	67.9	47.0	70.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#50

Toluene-d8

Concen: 51.701 ug/l

RT: 10.570 min Scan# 1465

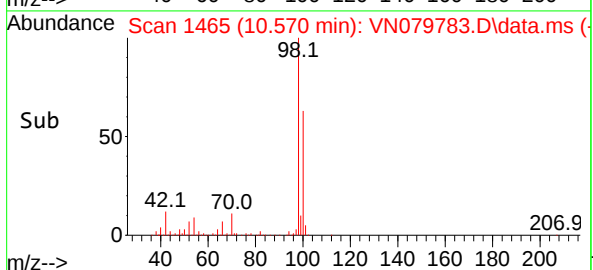
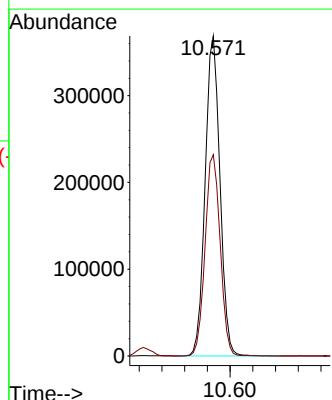
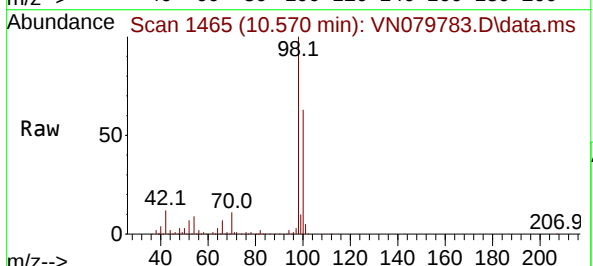
Delta R.T. 0.000 min

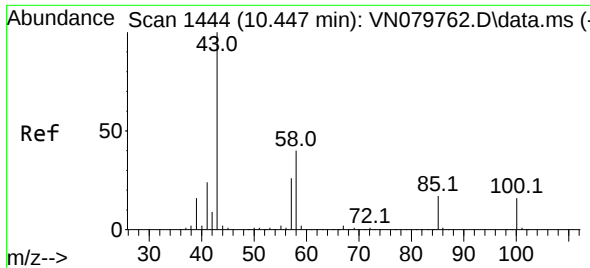
Lab File: VN079783.D

Acq: 01 Nov 2023 19:54

Tgt Ion: 98 Resp: 664620

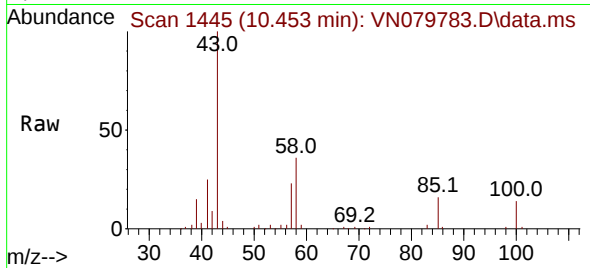
Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 26.073 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

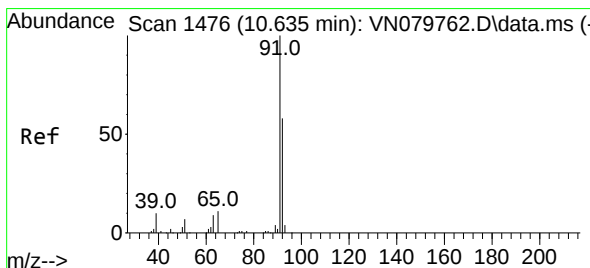
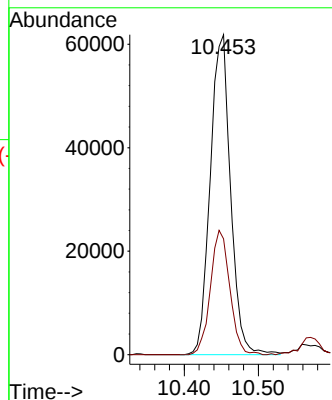
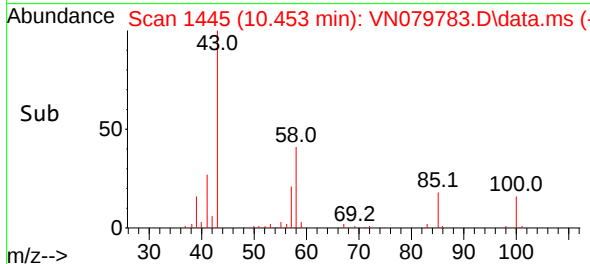
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 43 Resp: 117709
Ion Ratio Lower Upper
43 100
58 37.1 36.6 54.8

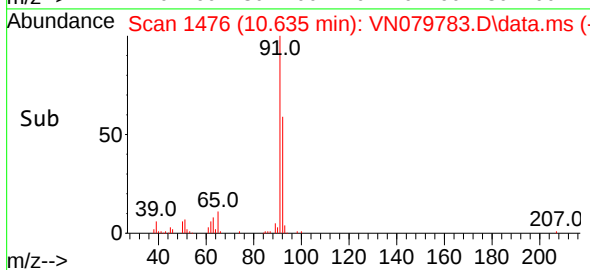
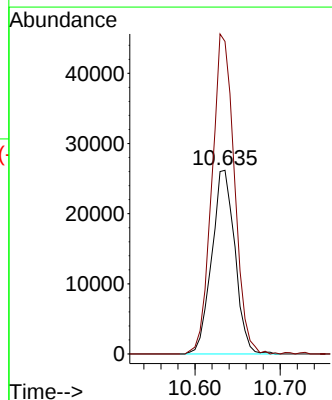
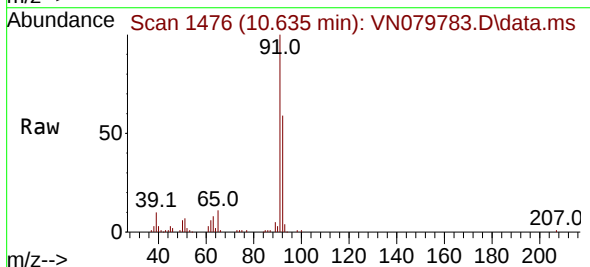
Manual Integrations
APPROVED

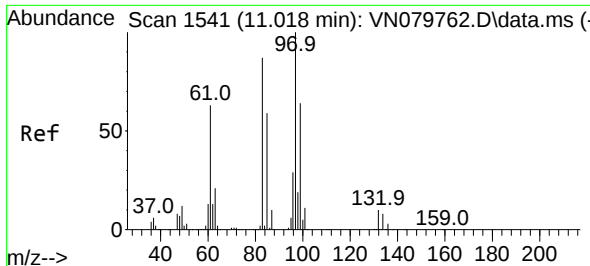
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#52
Toluene
Concen: 5.588 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

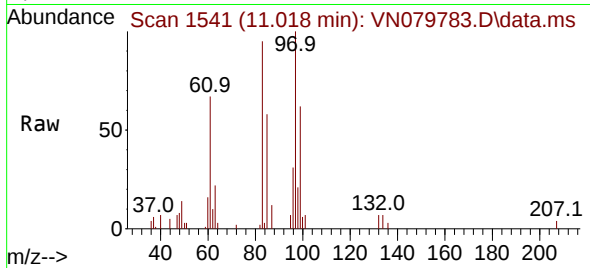
Tgt Ion: 92 Resp: 49472
Ion Ratio Lower Upper
92 100
91 169.6 137.4 206.0





#55
1,1,2-Trichloroethane
Concen: 5.552 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

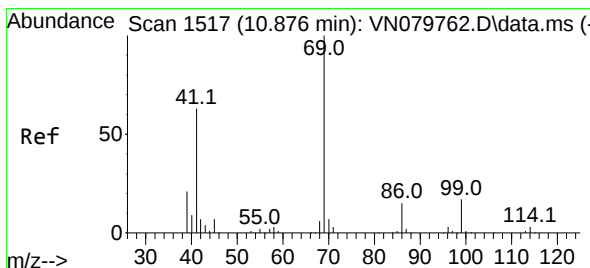
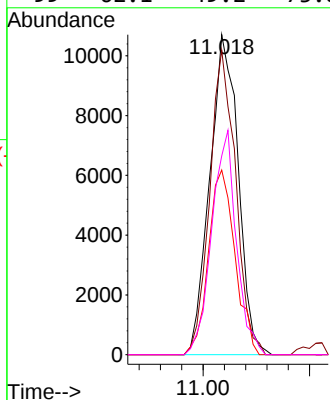
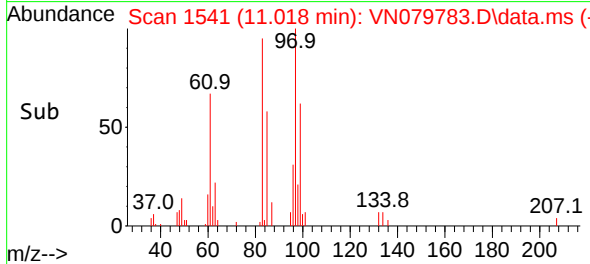
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2023



Tgt Ion:	97	Resp:	1977
Ion Ratio	100	Lower	Upper
97	100		
83	95.1	65.1	97.7
85	57.7	43.4	65.2
99	62.1	49.2	73.8

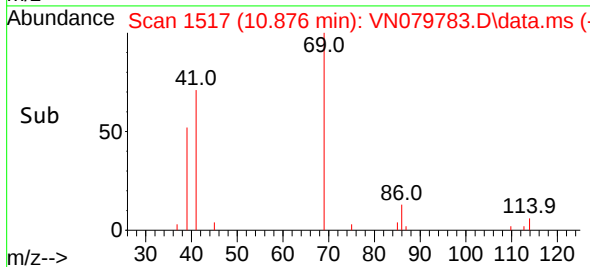
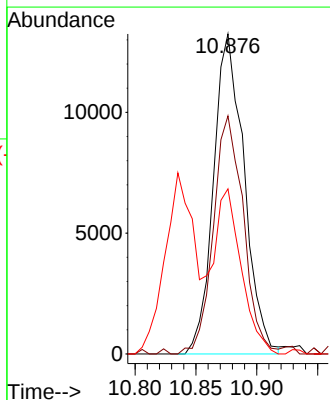
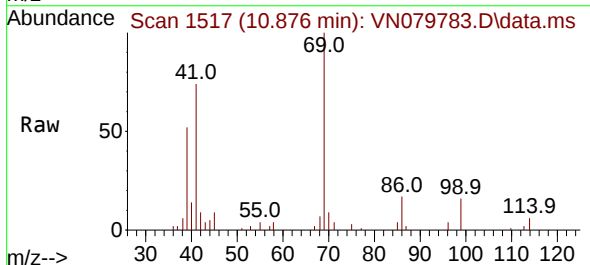
Manual Integrations
APPROVED

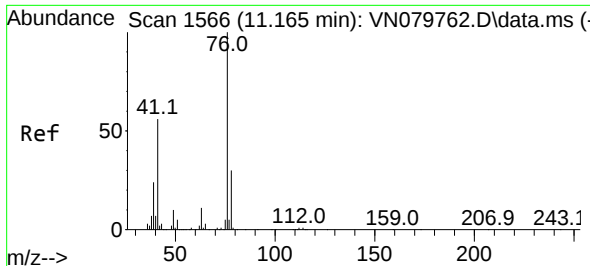
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#56
Ethyl methacrylate
Concen: 4.561 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

Tgt Ion:	69	Resp:	23166
Ion Ratio	100	Lower	Upper
69	100		
41	73.0	39.6	59.4#
39	43.8	28.6	43.0#





#57

1,3-Dichloropropane

Concen: 5.432 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN079783.D

Acq: 01 Nov 2023 19:54

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion: 76 Resp: 3409

Ion Ratio Lower Upper

76 100

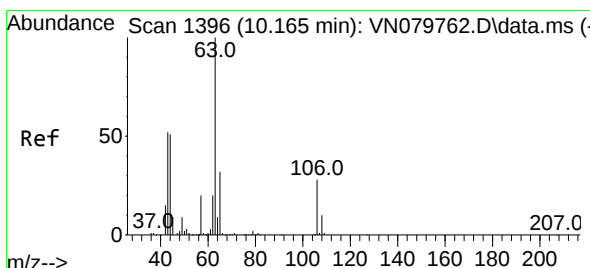
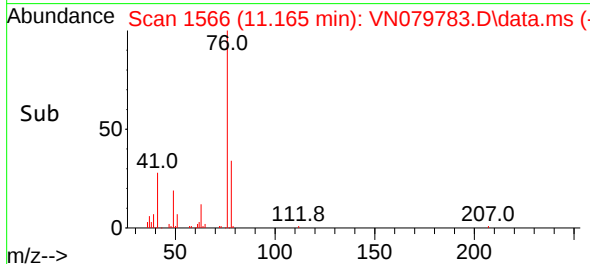
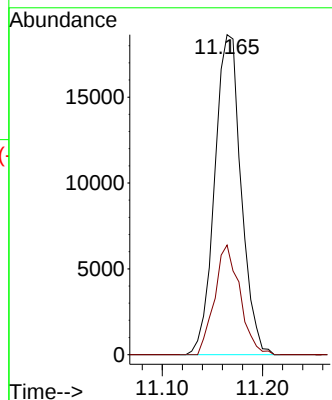
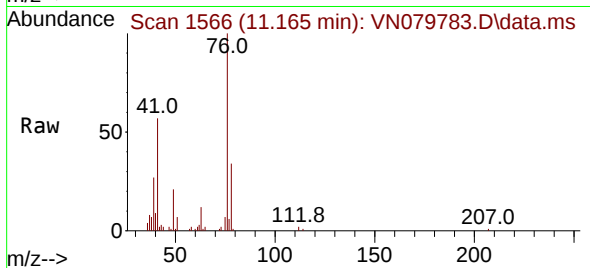
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#58

2-Chloroethyl Vinyl ether

Concen: 22.420 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN079783.D

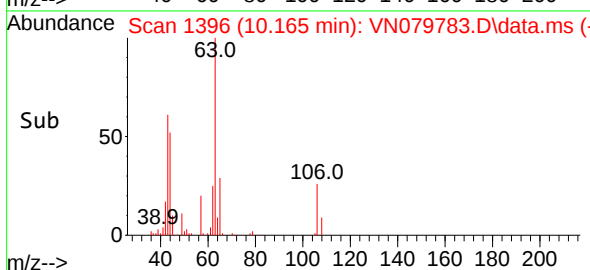
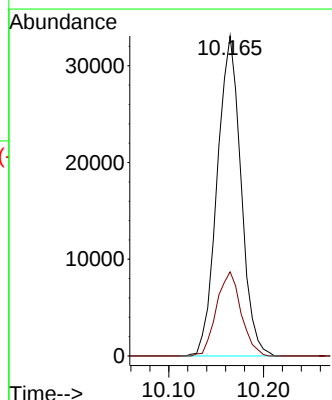
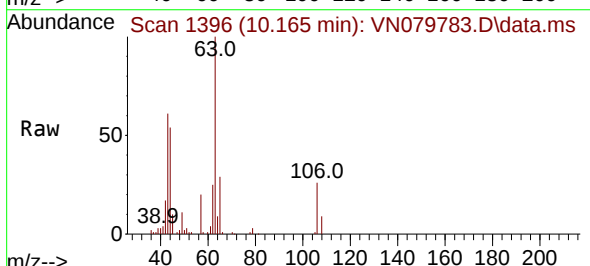
Acq: 01 Nov 2023 19:54

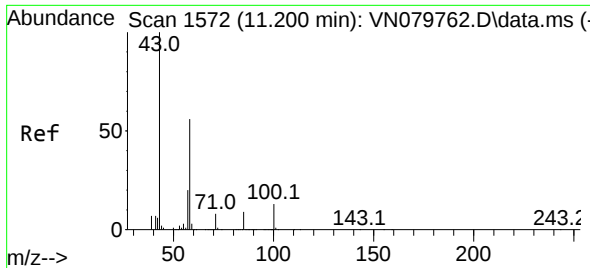
Tgt Ion: 63 Resp: 57717

Ion Ratio Lower Upper

63 100

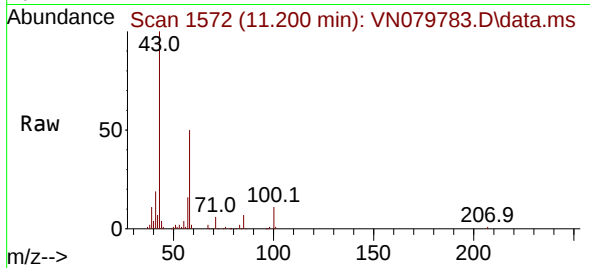
106 27.2 26.2 39.4





#59
2-Hexanone
Concen: 24.368 ug/l
RT: 11.200 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

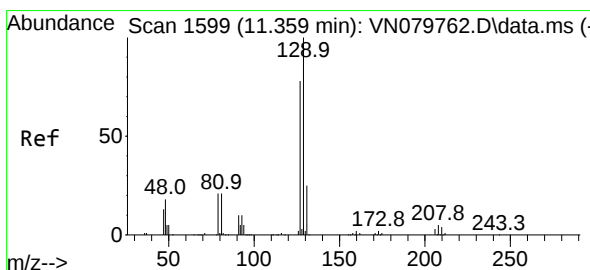
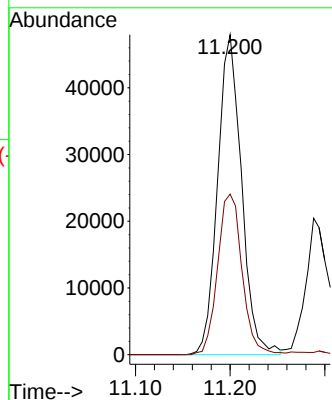
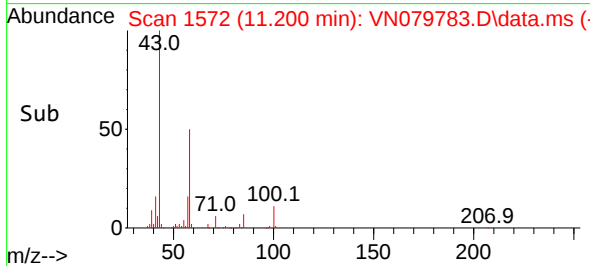
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 43 Resp: 84159
Ion Ratio Lower Upper
43 100
58 51.4 31.7 95.1

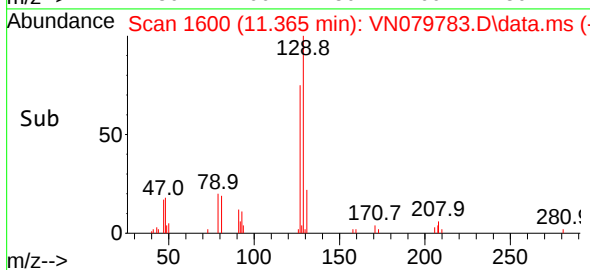
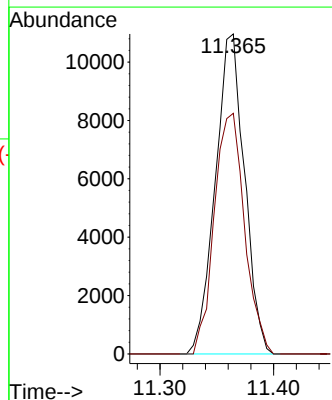
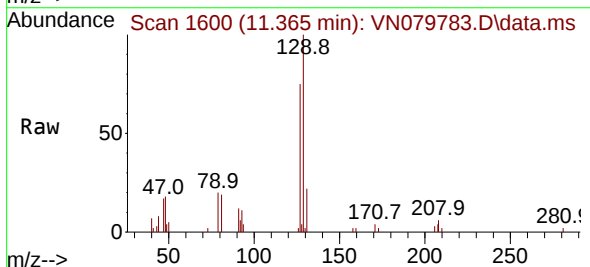
Manual Integrations
APPROVED

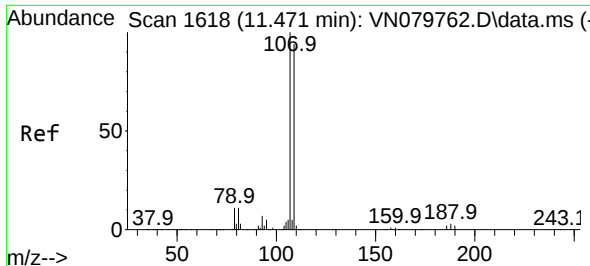
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#60
Dibromochloromethane
Concen: 5.140 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

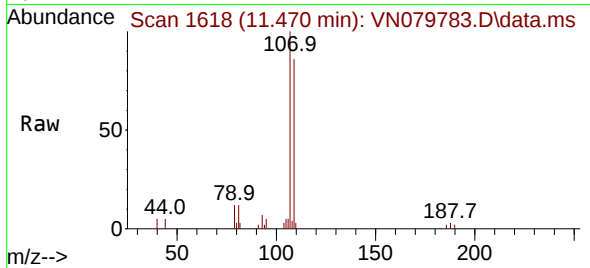
Tgt Ion:129 Resp: 19593
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 5.186 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

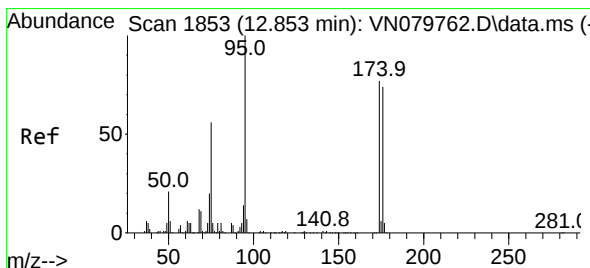
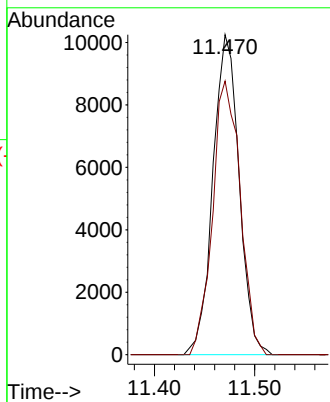
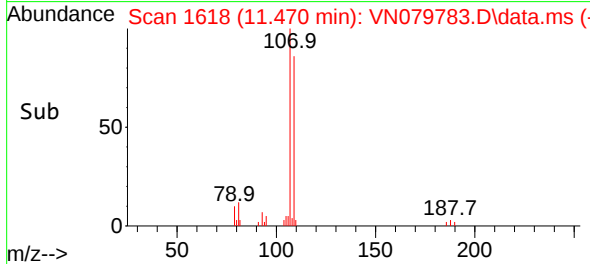
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



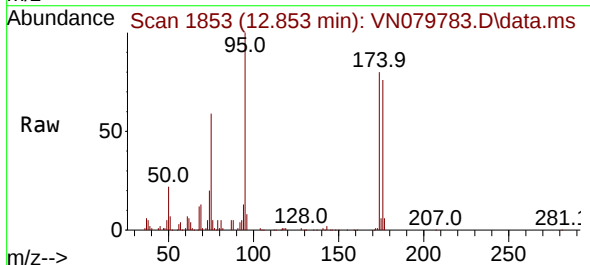
Tgt Ion:107 Resp: 1853
Ion Ratio Lower Upper
107 100
109 90.5 76.6 114.8

Manual Integrations
APPROVED

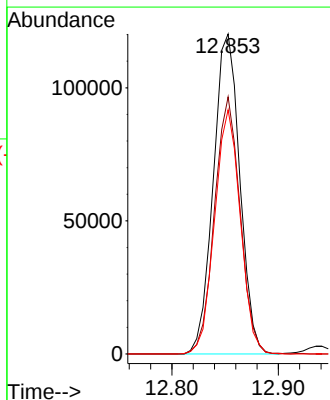
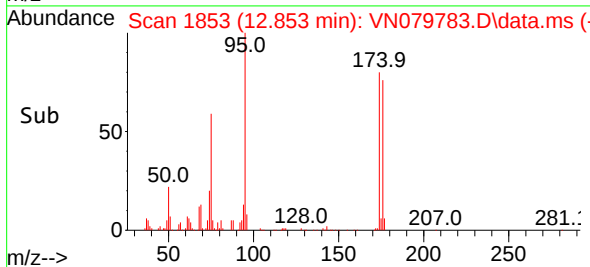
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

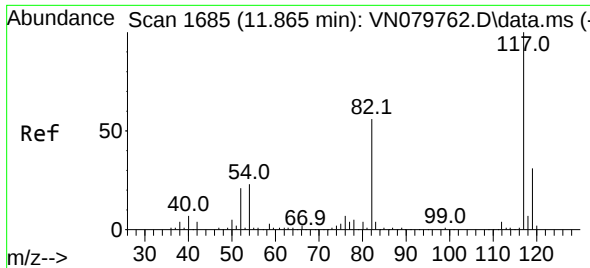


#62
4-Bromofluorobenzene
Concen: 48.672 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54



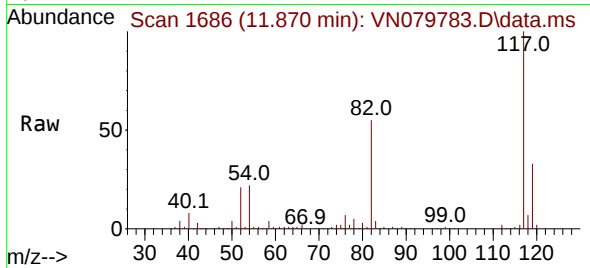
Tgt Ion: 95 Resp: 207505
Ion Ratio Lower Upper
95 100
174 77.6 0.0 143.8
176 73.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

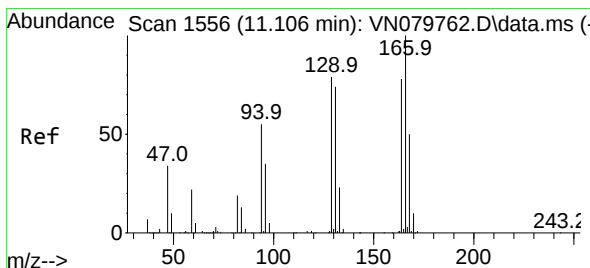
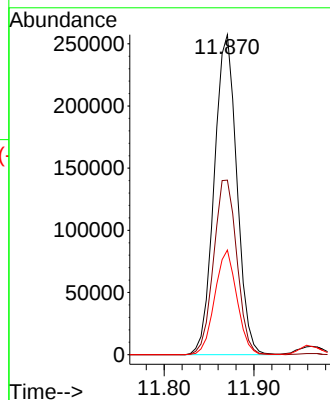
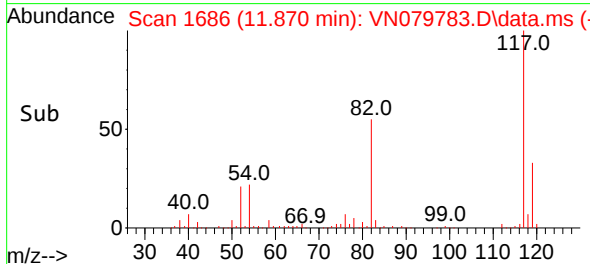
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion:117 Resp: 450264
Ion Ratio Lower Upper
117 100
82 54.6 44.0 66.0
119 32.7 25.6 38.4

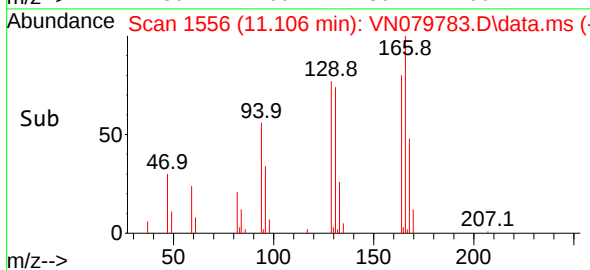
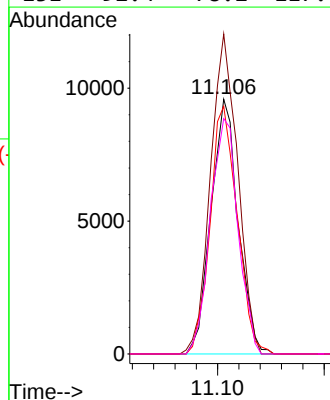
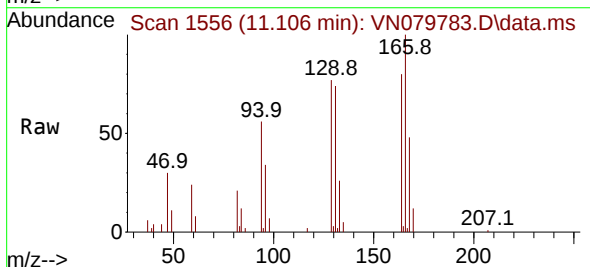
Manual Integrations
APPROVED

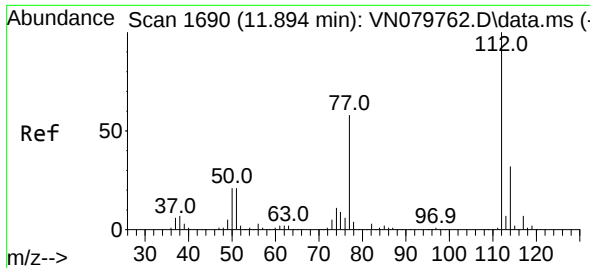
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#64
Tetrachloroethene
Concen: 5.810 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

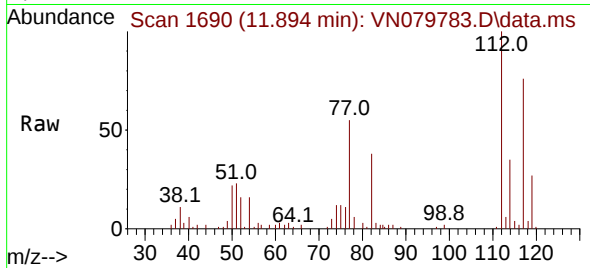
Tgt Ion:164 Resp: 16944
Ion Ratio Lower Upper
164 100
166 125.7 101.4 152.0
129 97.3 82.4 123.6
131 92.4 78.2 117.4





#65
Chlorobenzene
Concen: 5.246 ug/l
RT: 11.894 min Scan# 112
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

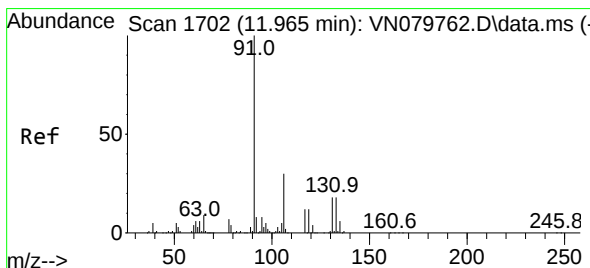
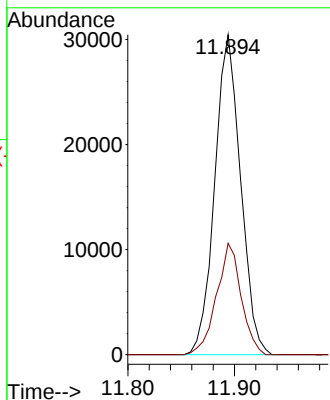
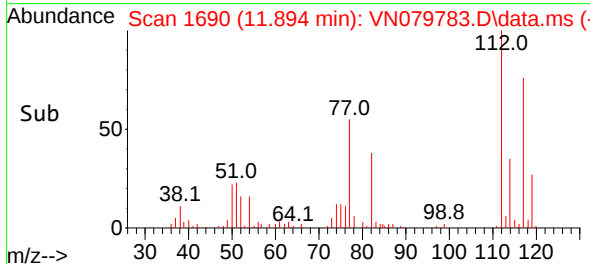
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



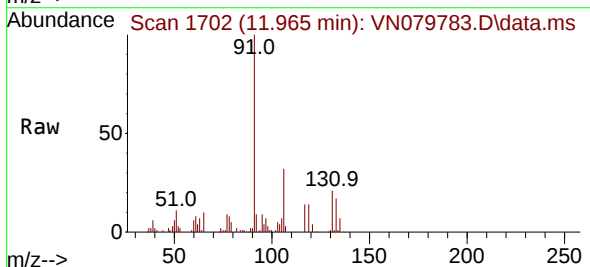
Tgt Ion:112 Resp: 5123
Ion Ratio Lower Upper
112 100
114 34.8 25.0 37.4

Manual Integrations
APPROVED

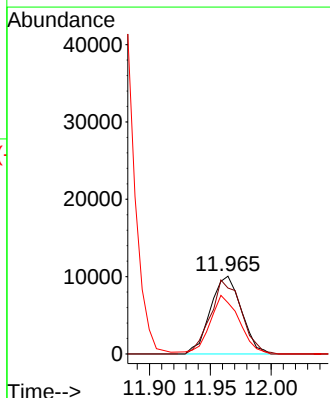
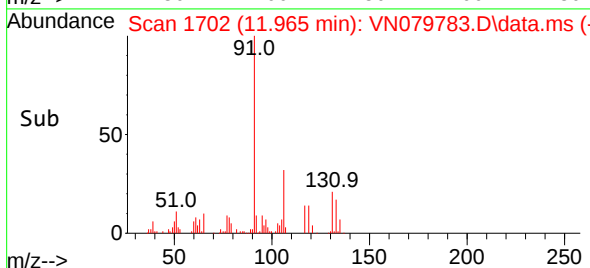
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

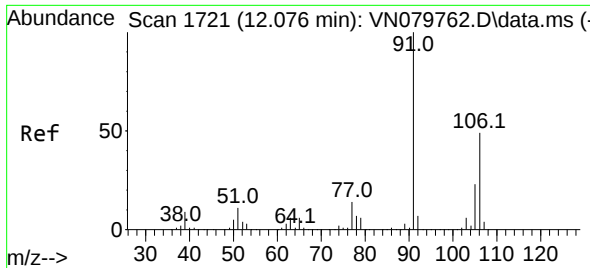


#66
1,1,1,2-Tetrachloroethane
Concen: 5.065 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54



Tgt Ion:131 Resp: 17824
Ion Ratio Lower Upper
131 100
133 94.5 46.4 139.1
119 71.0 34.1 102.2





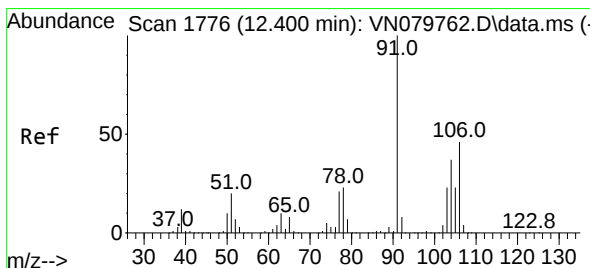
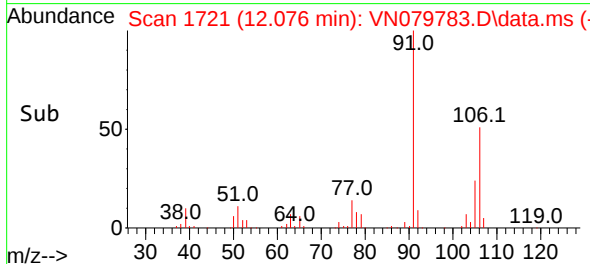
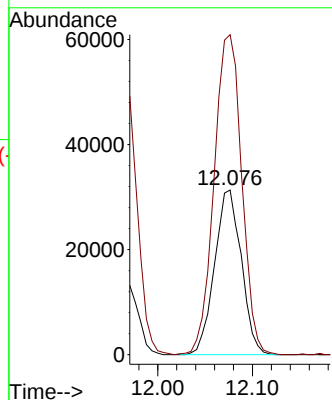
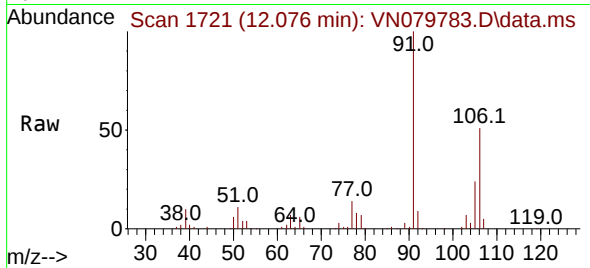
#68
m/p-Xylenes
Concen: 9.699 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:106 Resp: 6148
Ion Ratio Lower Upper
106 100
91 201.2 159.6 239.4

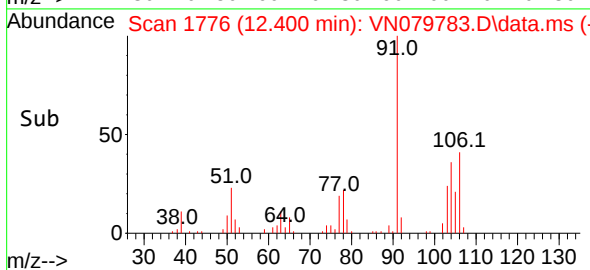
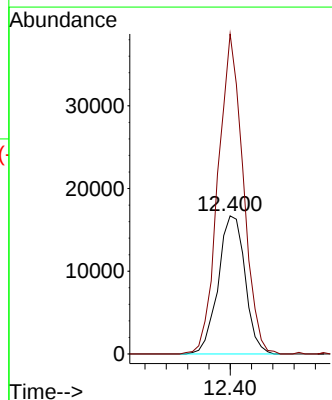
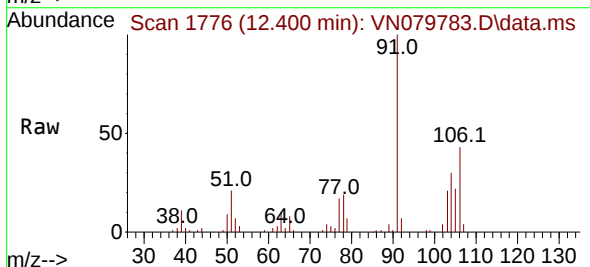
Manual Integrations
APPROVED

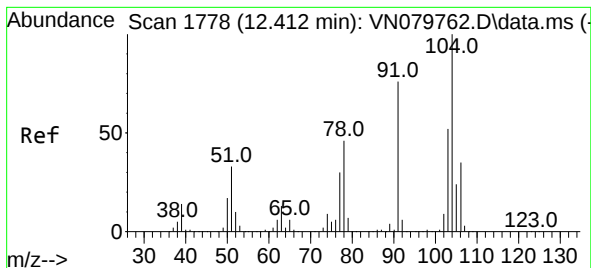
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#69
o-Xylene
Concen: 4.781 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

Tgt Ion:106 Resp: 29182
Ion Ratio Lower Upper
106 100
91 216.5 105.2 315.5





#70

Styrene

Concen: 4.621 ug/l

RT: 12.417 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VN079783.D

Acq: 01 Nov 2023 19:54

Instrument :

MSVOA_N

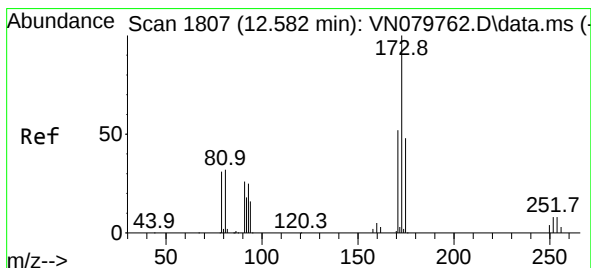
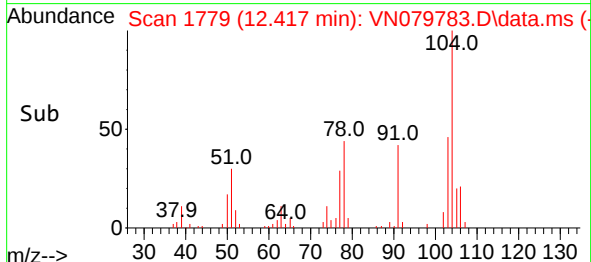
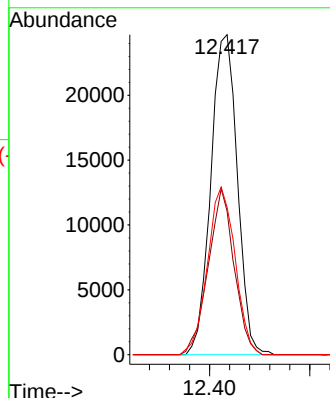
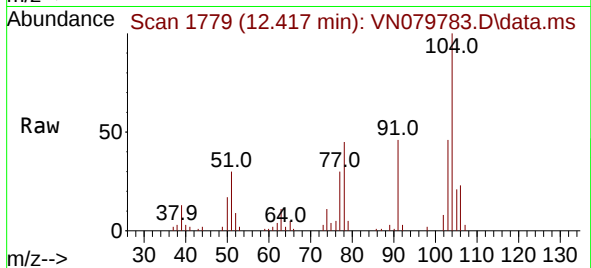
ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion:104 Resp: 45328
 Ion Ratio Lower Upper
 104 100
 78 50.5 39.5 59.3
 103 54.7 43.2 64.8

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/02/2023
 Supervised By :Mahesh Dadoda 11/02/2023



#71

Bromoform

Concen: 4.934 ug/l

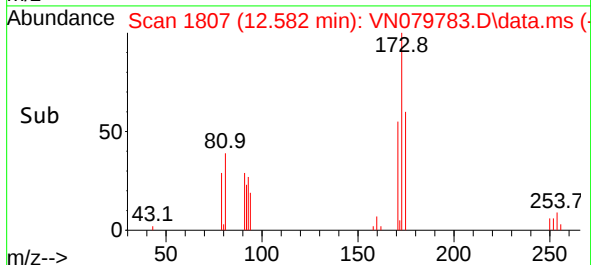
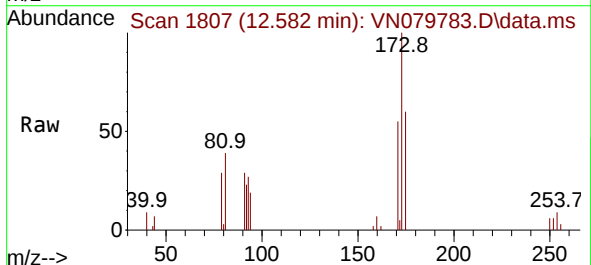
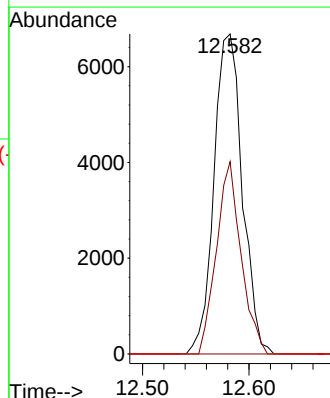
RT: 12.582 min Scan# 1807

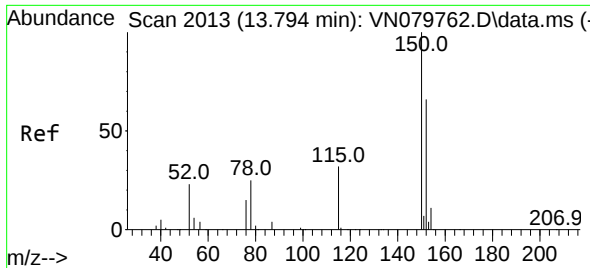
Delta R.T. 0.000 min

Lab File: VN079783.D

Acq: 01 Nov 2023 19:54

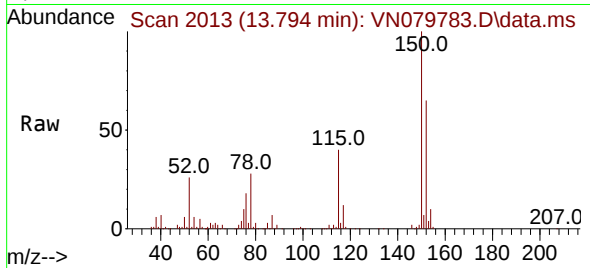
Tgt Ion:173 Resp: 12329
 Ion Ratio Lower Upper
 173 100
 175 52.2 24.3 73.0
 254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

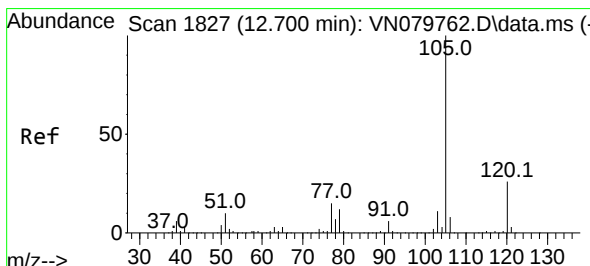
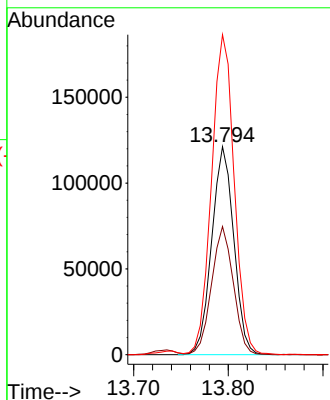
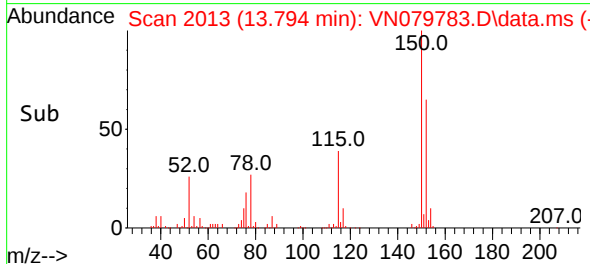
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



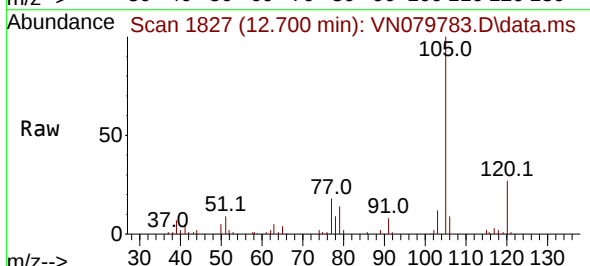
Tgt Ion:152 Resp: 19625
Ion Ratio Lower Upper
152 100
115 60.9 32.3 96.8
150 158.1 0.0 355.8

Manual Integrations
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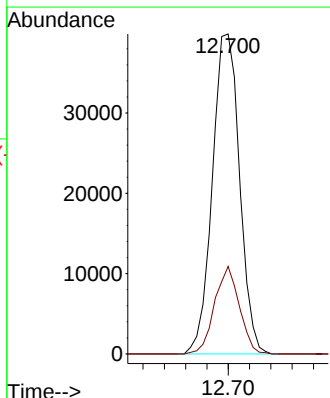
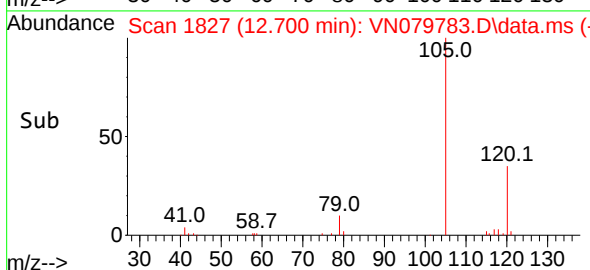
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

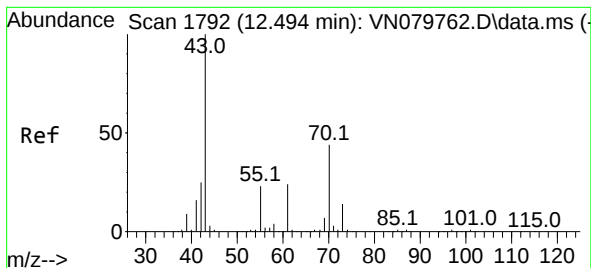


#73
Isopropylbenzene
Concen: 4.735 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54



Tgt Ion:105 Resp: 70519
Ion Ratio Lower Upper
105 100
120 24.9 13.1 39.1





#74

N-amy1 acetate

Concen: 4.443 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN079783.D

Acq: 01 Nov 2023 19:54

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion: 43 Resp: 2888

Ion Ratio Lower Upper

43 100

70 41.8 43.4 65.2

55 26.8 21.4 32.0

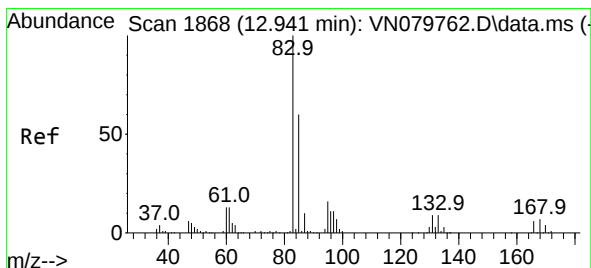
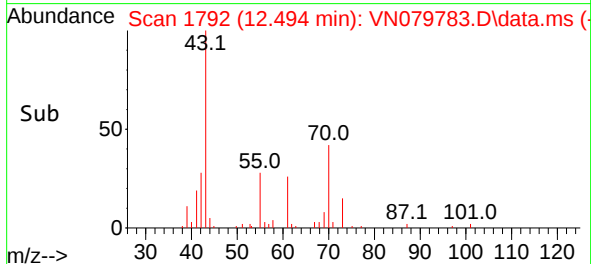
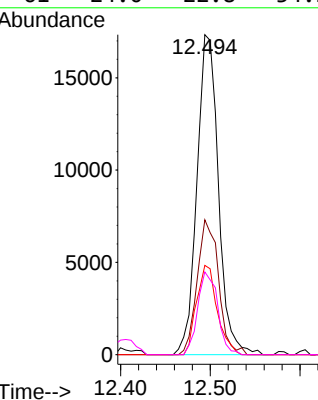
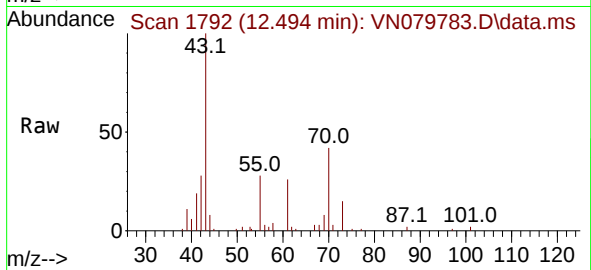
61 24.0 22.8 34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#75

1,1,2,2-Tetrachloroethane

Concen: 5.500 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079783.D

Acq: 01 Nov 2023 19:54

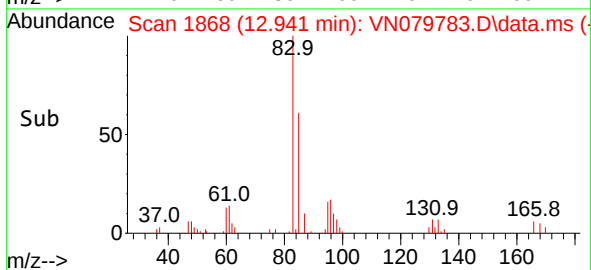
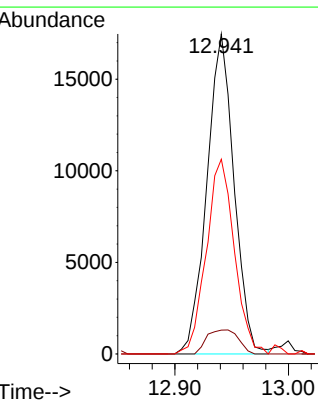
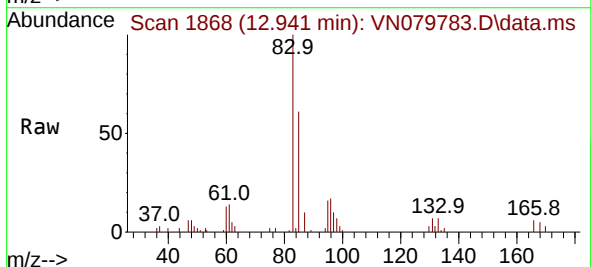
Tgt Ion: 83 Resp: 29045

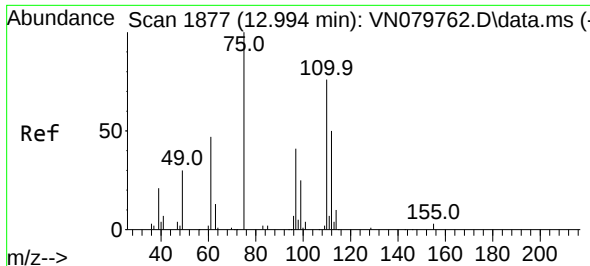
Ion Ratio Lower Upper

83 100

131 8.7 5.0 15.0

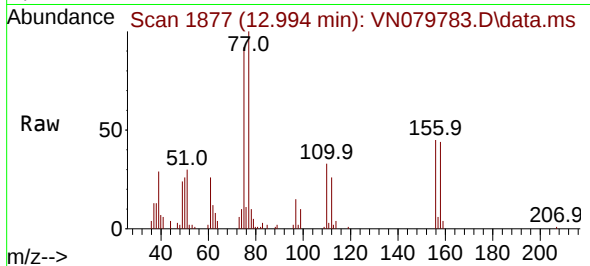
85 62.7 31.9 95.7





#76
1,2,3-Trichloropropane
Concen: 5.396 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

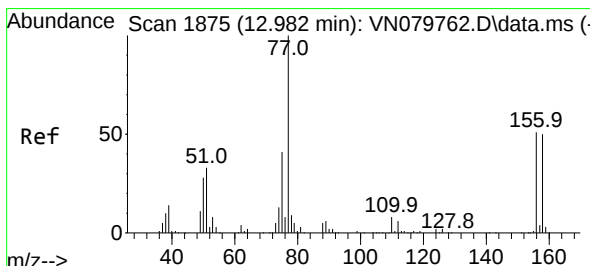
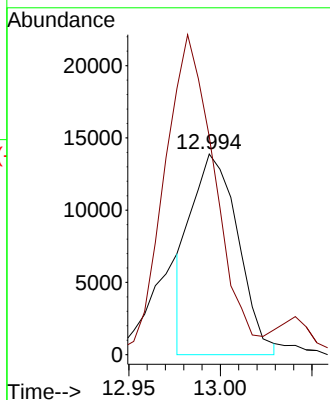
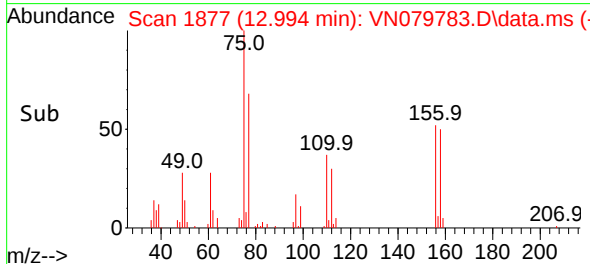
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



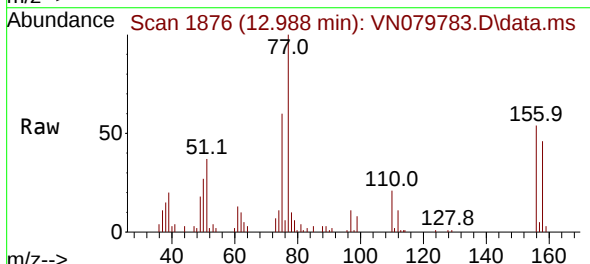
Tgt Ion: 75 Resp: 2486
Ion Ratio Lower Upper
75 100
77 172.7 84.5 253.5

Manual Integrations
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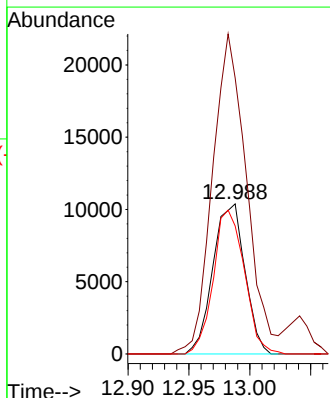
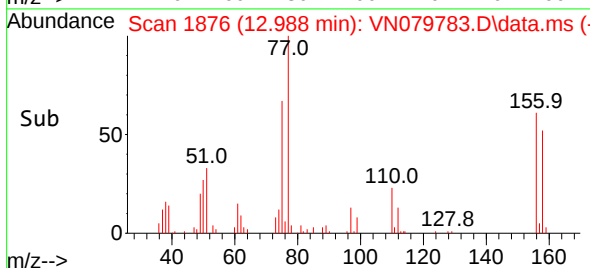
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

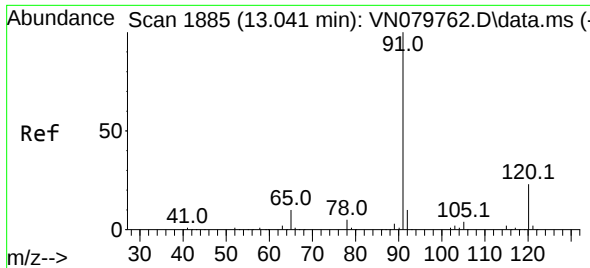


#77
Bromobenzene
Concen: 5.203 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54



Tgt Ion:156 Resp: 18974
Ion Ratio Lower Upper
156 100
77 226.2 107.7 323.3
158 93.1 48.4 145.3





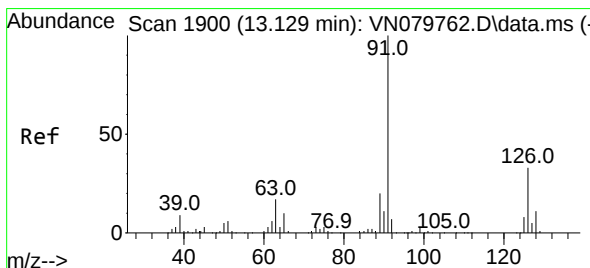
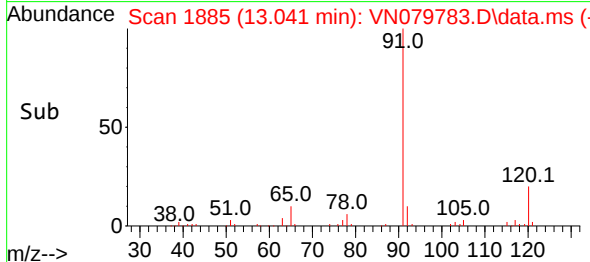
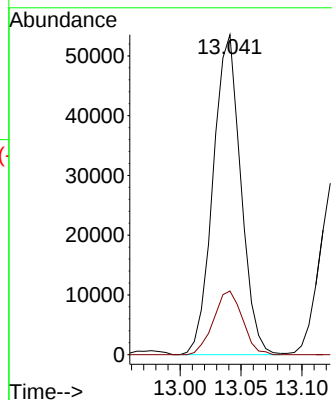
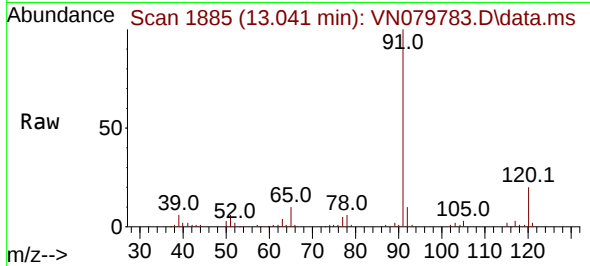
#78
n-propylbenzene
Concen: 4.986 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2023

Tgt Ion: 91 Resp: 8504
Ion Ratio Lower Upper
91 100
120 20.7 11.5 34.4

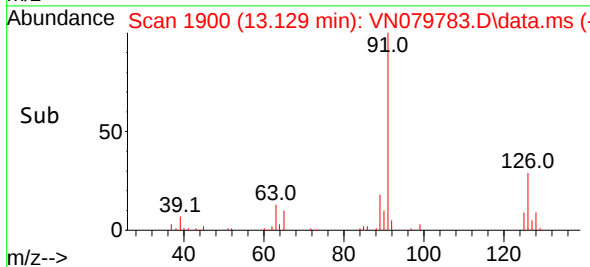
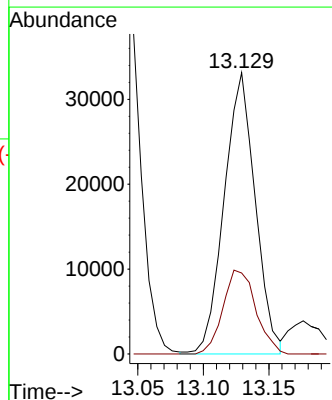
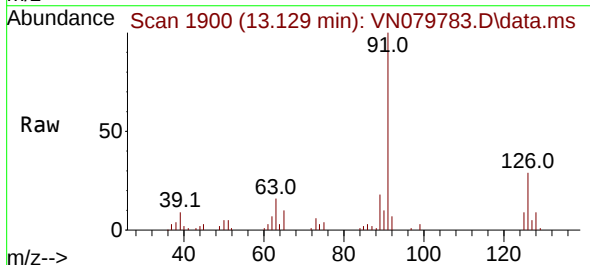
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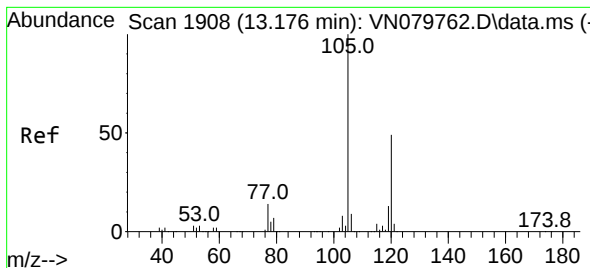
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#79
2-Chlorotoluene
Concen: 5.021 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

Tgt Ion: 91 Resp: 54711
Ion Ratio Lower Upper
91 100
126 31.5 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 4.987 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079783.D

Acq: 01 Nov 2023 19:54

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion:105 Resp: 57792

Ion Ratio Lower Upper

105 100

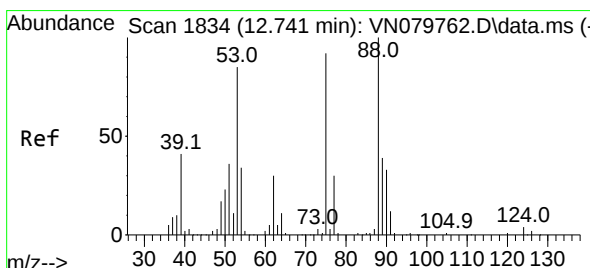
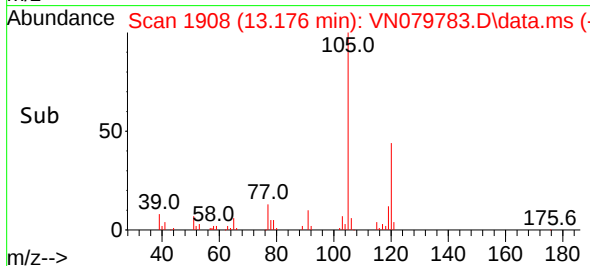
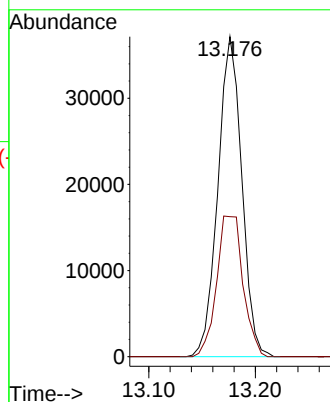
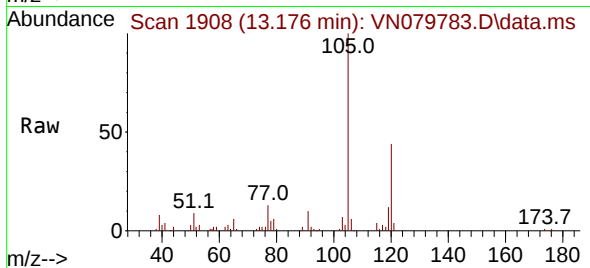
120 48.6 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#81

trans-1,4-Dichloro-2-butene

Concen: 4.086 ug/l

RT: 12.735 min Scan# 1833

Delta R.T. 0.000 min

Lab File: VN079783.D

Acq: 01 Nov 2023 19:54

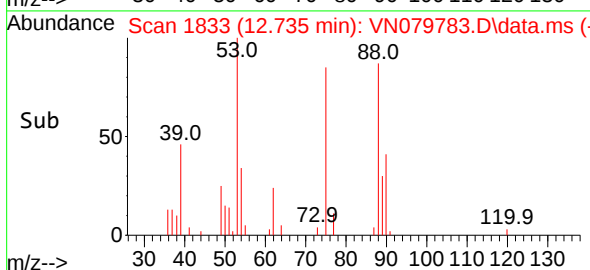
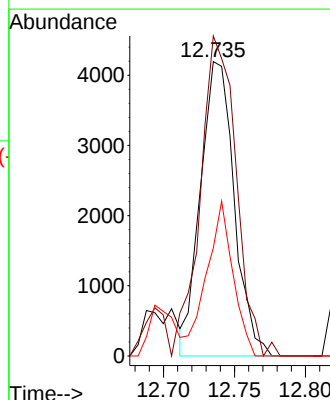
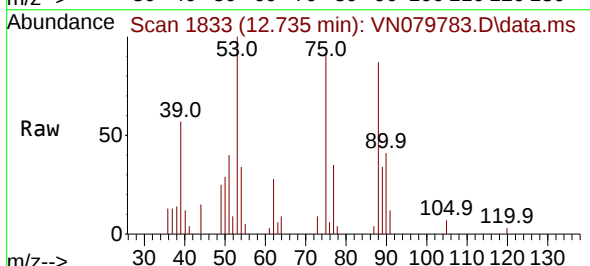
Tgt Ion: 75 Resp: 6920

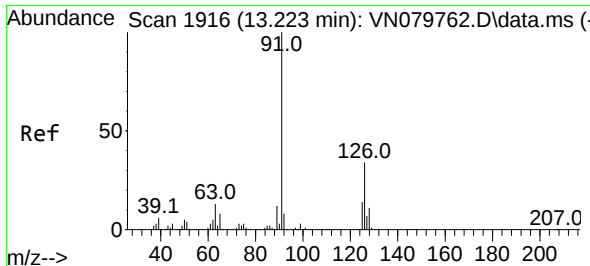
Ion Ratio Lower Upper

75 100

53 115.8 67.4 101.2#

89 41.6 38.8 58.2





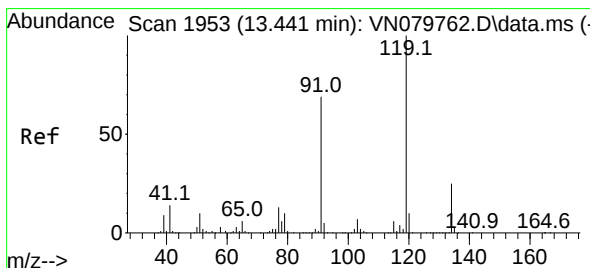
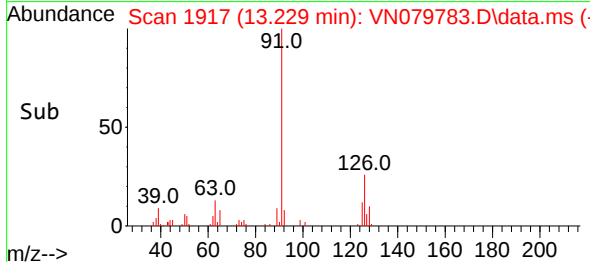
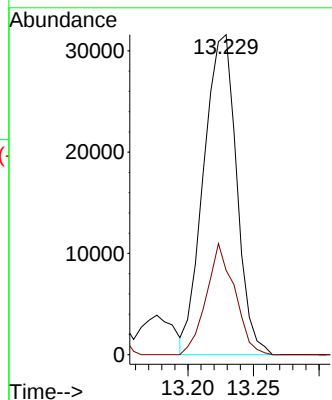
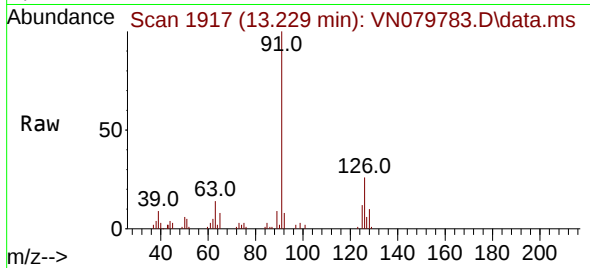
#82
4-Chlorotoluene
Concen: 5.104 ug/l
RT: 13.229 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 91 Resp: 5526
Ion Ratio Lower Upper
91 100
126 29.9 16.7 50.0

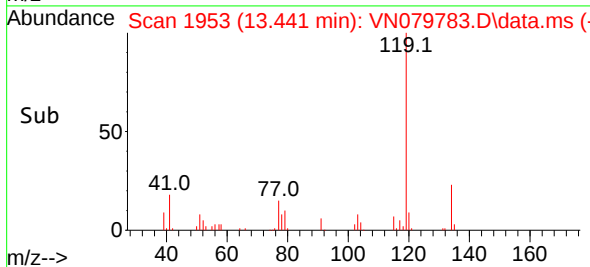
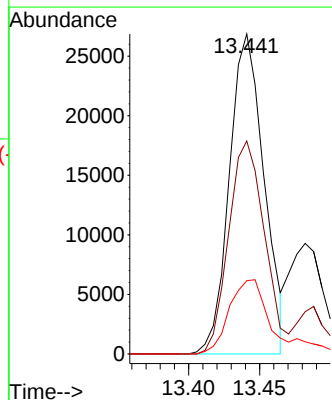
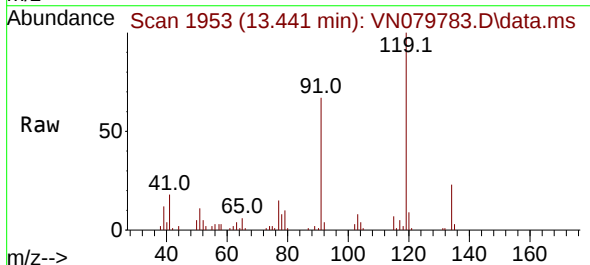
Manual Integrations
APPROVED

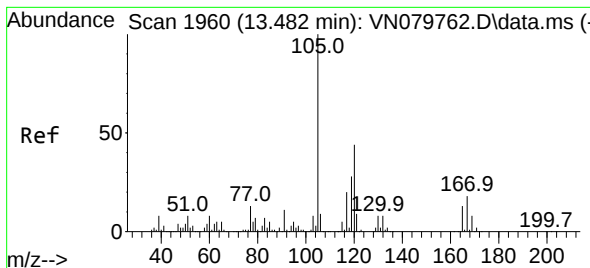
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#83
tert-Butylbenzene
Concen: 4.814 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

Tgt Ion:119 Resp: 45663
Ion Ratio Lower Upper
119 100
91 69.1 33.9 101.7
134 28.7 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 4.716 ug/l

RT: 13.488 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN079783.D

Acq: 01 Nov 2023 19:54

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion:105 Resp: 53774

Ion Ratio Lower Upper

105 100

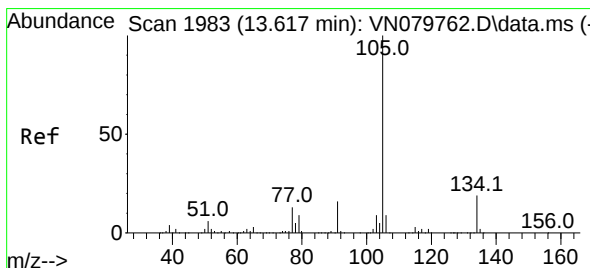
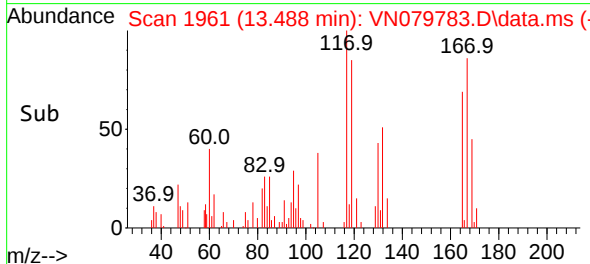
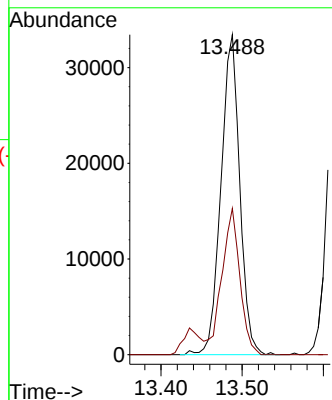
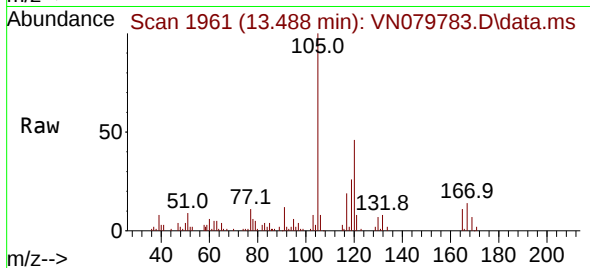
120 44.4 22.0 66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#85

sec-Butylbenzene

Concen: 4.829 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN079783.D

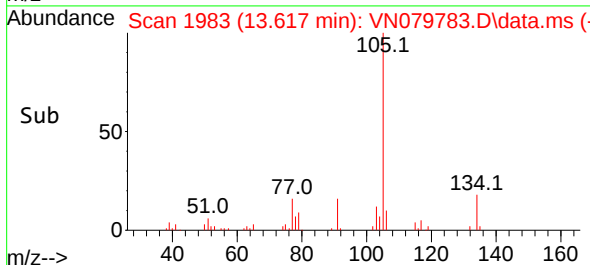
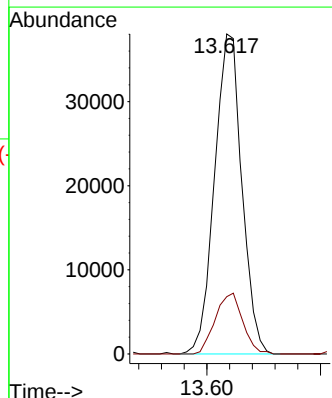
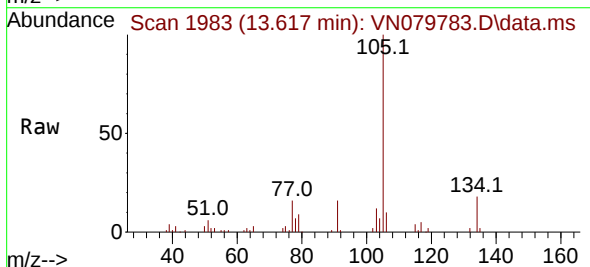
Acq: 01 Nov 2023 19:54

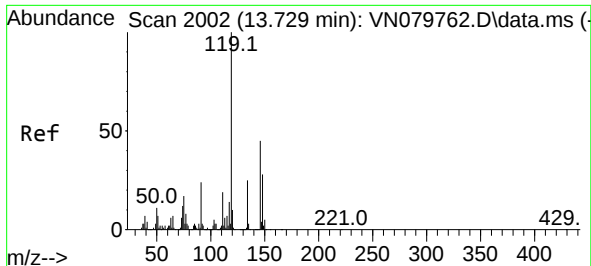
Tgt Ion:105 Resp: 63460

Ion Ratio Lower Upper

105 100

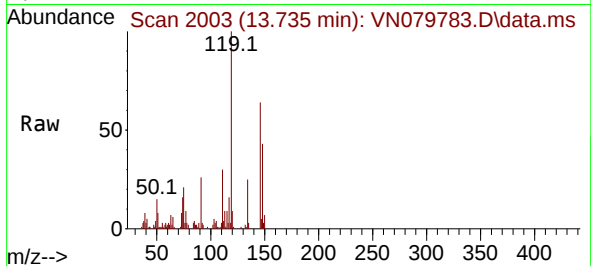
134 19.0 9.8 29.3





#86
p-Isopropyltoluene
Concen: 4.570 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

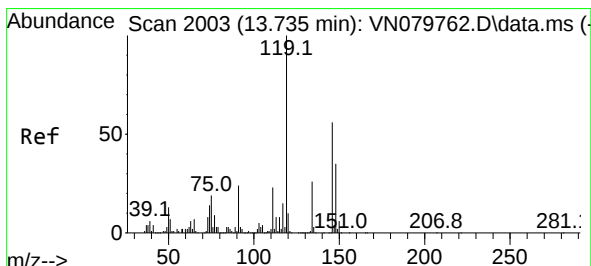
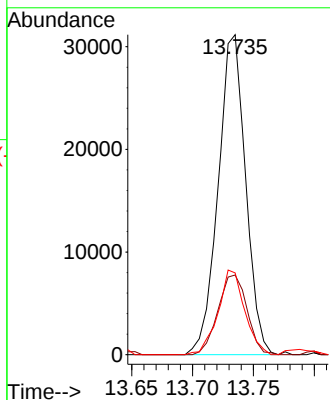
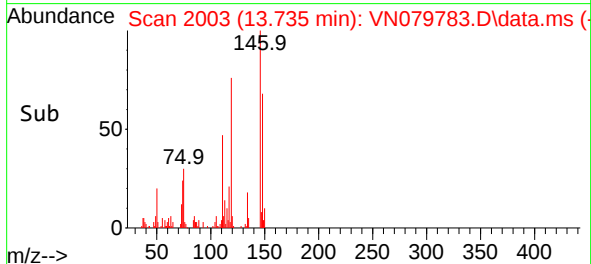
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion:119 Resp: 4896
Ion Ratio Lower Upper
119 100
134 26.3 12.6 37.8
91 25.7 12.4 37.2

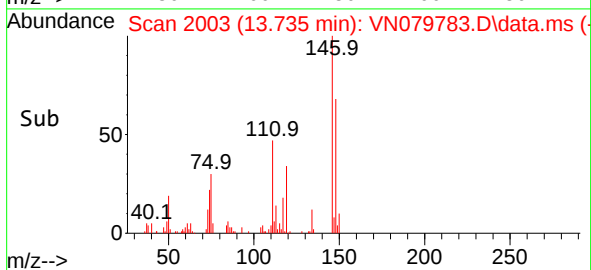
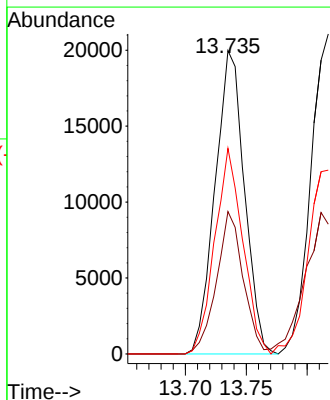
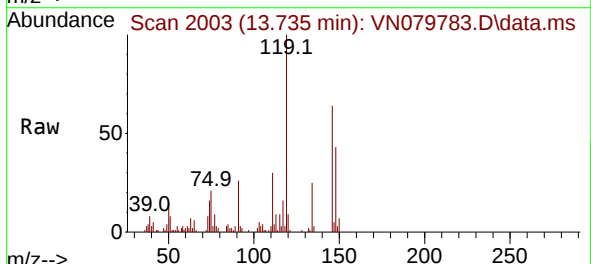
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APPROVED

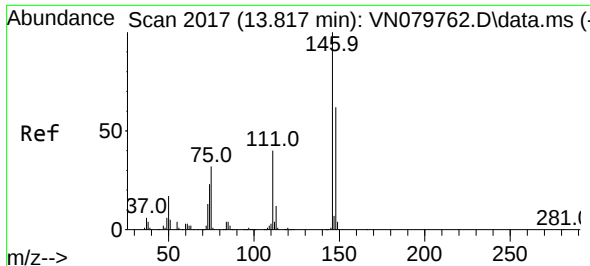
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#87
1,3-Dichlorobenzene
Concen: 4.939 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

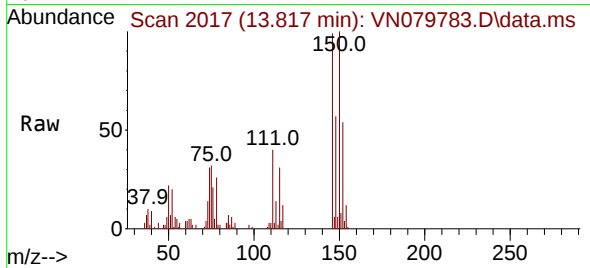
Tgt Ion:146 Resp: 33507
Ion Ratio Lower Upper
146 100
111 43.0 22.1 66.3
148 64.6 32.0 96.0





#88
1,4-Dichlorobenzene
Concen: 5.009 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

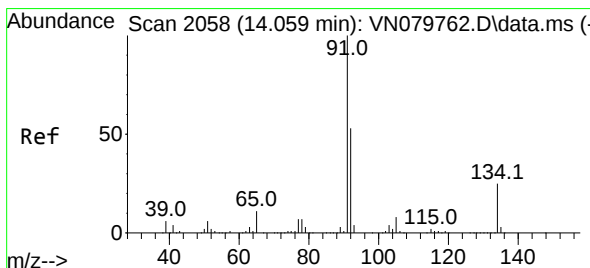
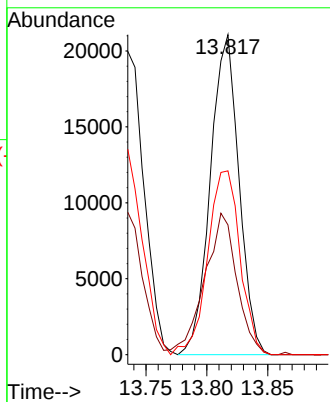
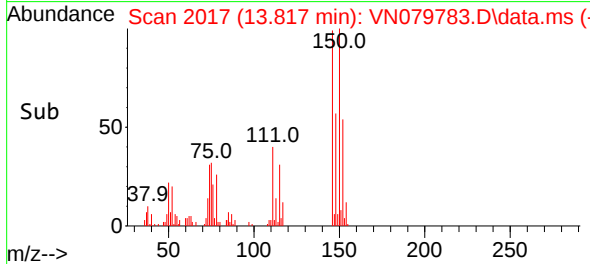
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



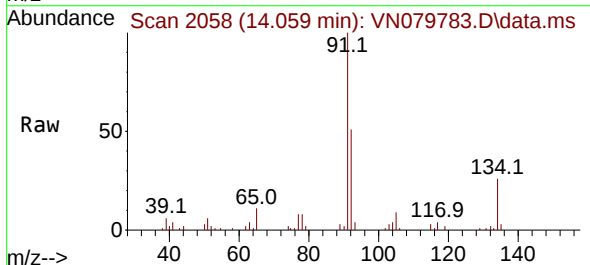
Tgt Ion:146 Resp: 3449
Ion Ratio Lower Upper
146 100
111 49.7 20.6 61.8
148 64.9 31.6 94.8

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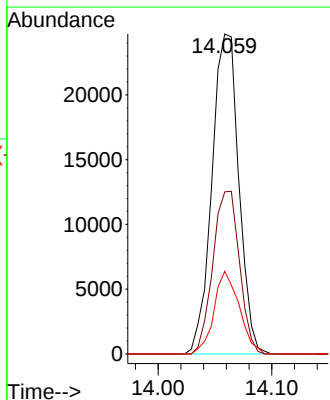
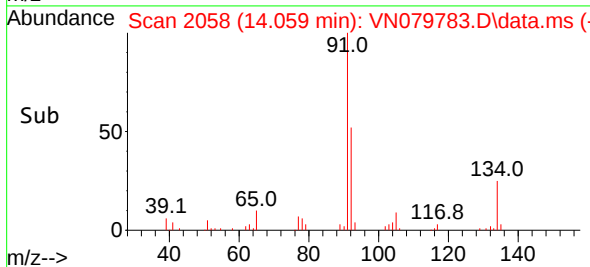
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

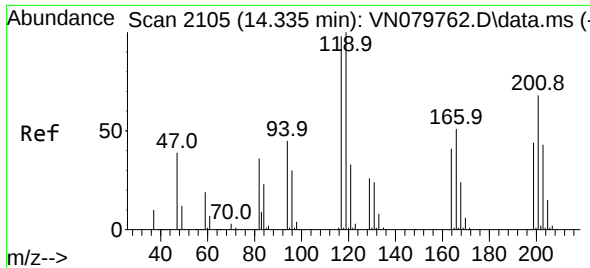


#89
n-Butylbenzene
Concen: 4.411 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54



Tgt Ion: 91 Resp: 40708
Ion Ratio Lower Upper
91 100
92 50.2 26.4 79.0
134 24.2 12.6 37.6





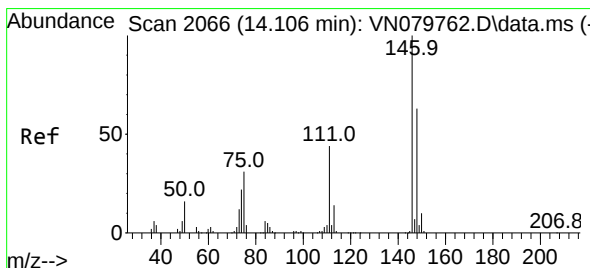
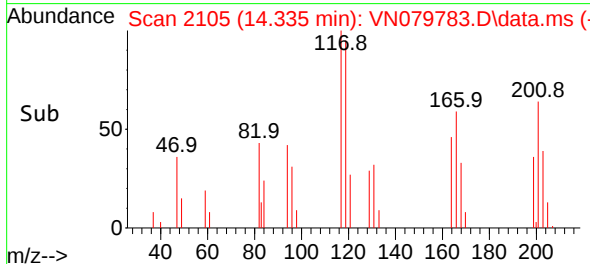
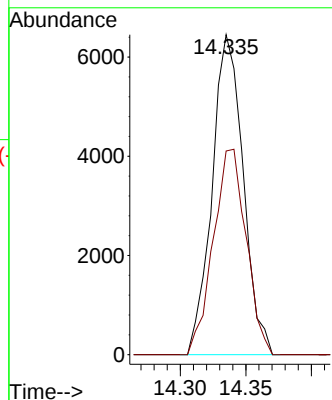
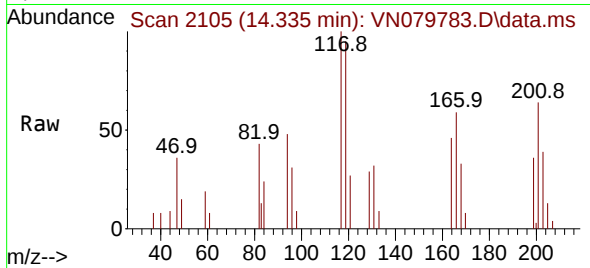
#90
Hexachloroethane
Concen: 5.015 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:117 Resp: 1064
Ion Ratio Lower Upper
117 100
201 67.9 29.3 88.0

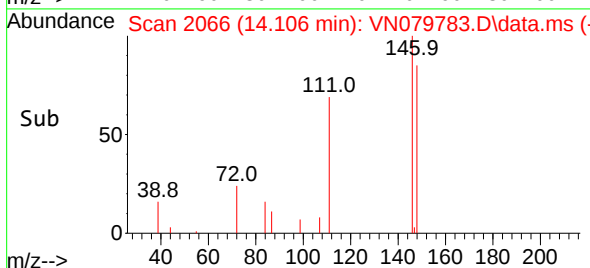
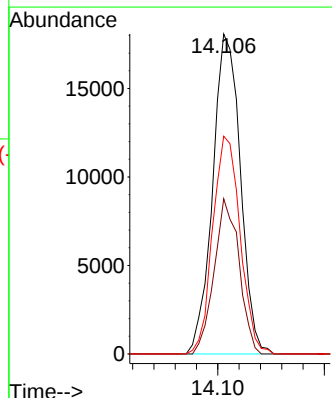
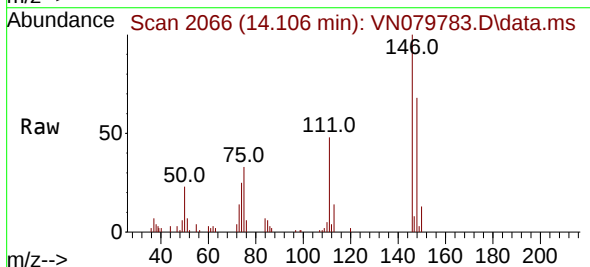
Manual Integrations
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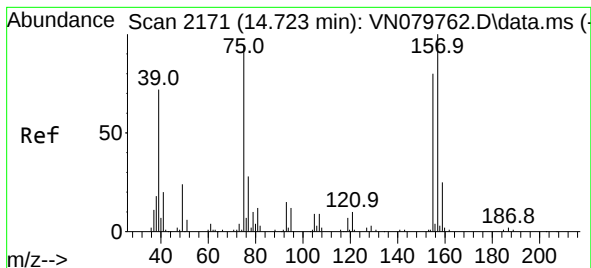
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#91
1,2-Dichlorobenzene
Concen: 5.101 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

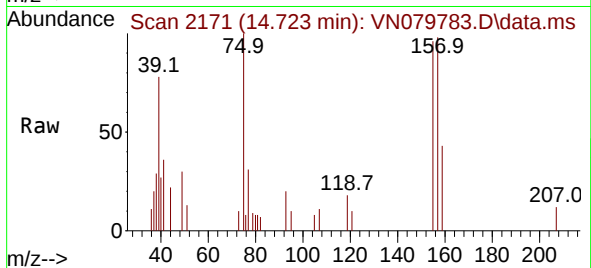
Tgt Ion:146 Resp: 32664
Ion Ratio Lower Upper
146 100
111 43.6 22.0 66.0
148 67.3 31.8 95.3





#92
1,2-Dibromo-3-Chloropropane
Concen: 5.617 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

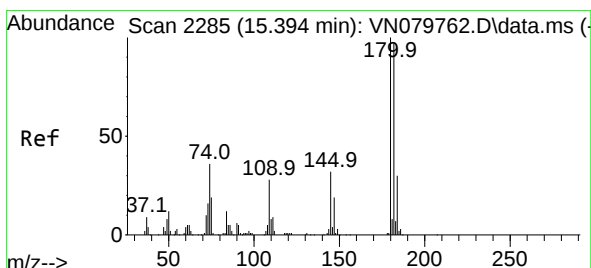
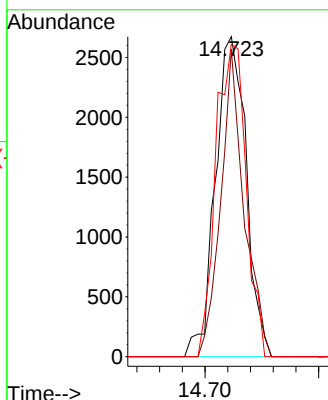
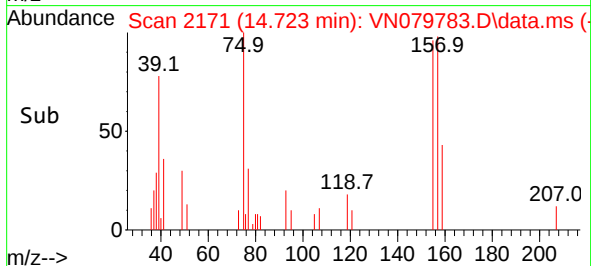
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



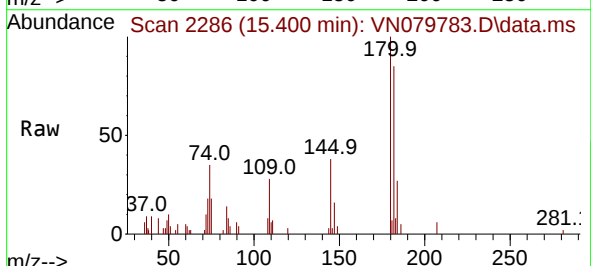
Tgt Ion: 75 Resp: 5030
Ion Ratio Lower Upper
75 100
155 73.1 39.1 117.2
157 95.7 50.3 150.9

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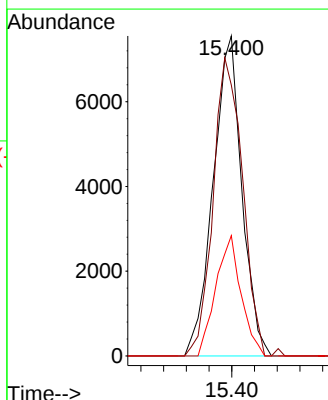
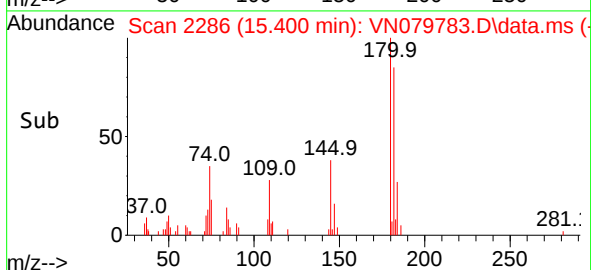
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

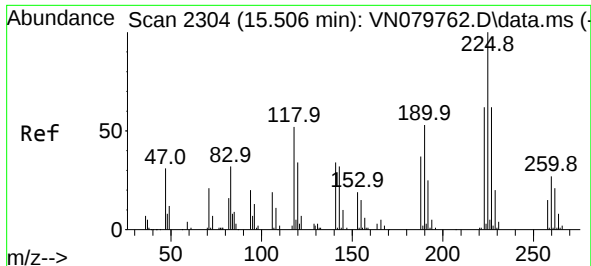


#93
1,2,4-Trichlorobenzene
Concen: 4.345 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.006 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54



Tgt Ion:180 Resp: 13230
Ion Ratio Lower Upper
180 100
182 95.4 46.1 138.2
145 33.1 16.6 49.8





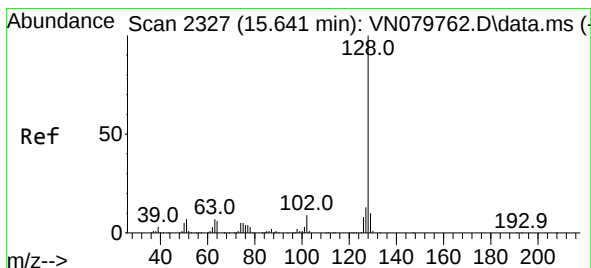
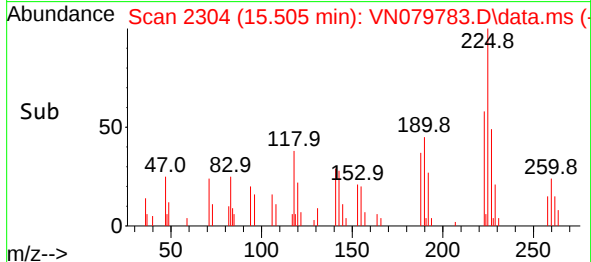
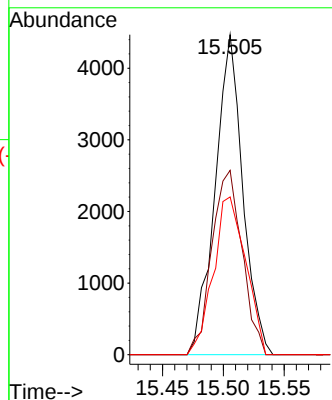
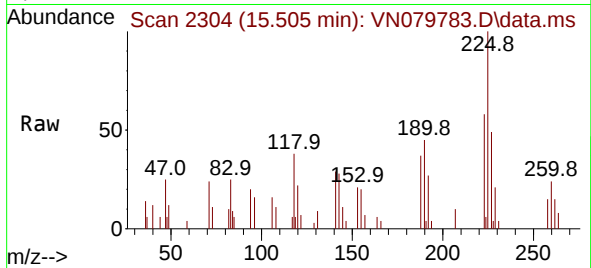
#94
Hexachlorobutadiene
Concen: 5.139 ug/l
RT: 15.505 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:225 Resp: 709
Ion Ratio Lower Upper
225 100
223 62.8 31.3 93.8
227 57.5 31.9 95.9

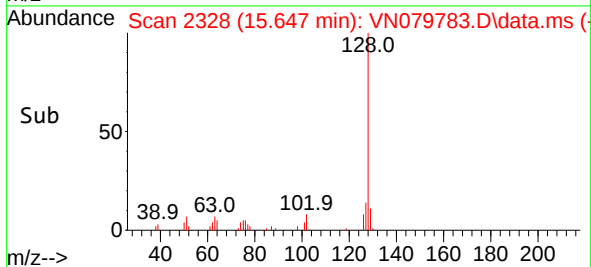
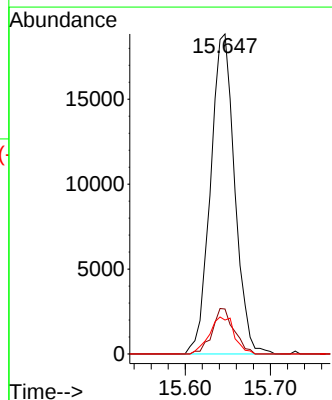
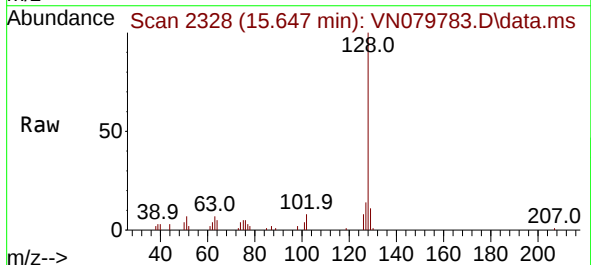
Manual Integrations
APPROVED

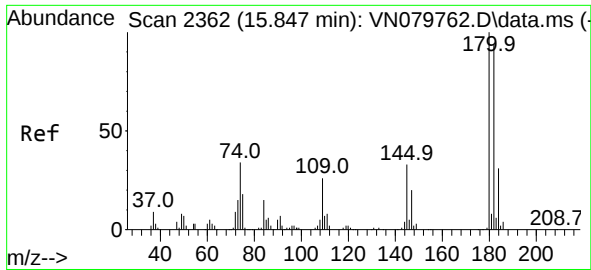
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#95
Naphthalene
Concen: 3.597 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN079783.D
Acq: 01 Nov 2023 19:54

Tgt Ion:128 Resp: 37147
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 12.0 8.7 13.1





#96

1,2,3-Trichlorobenzene

Concen: 4.468 ug/l

RT: 15.841 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN079783.D

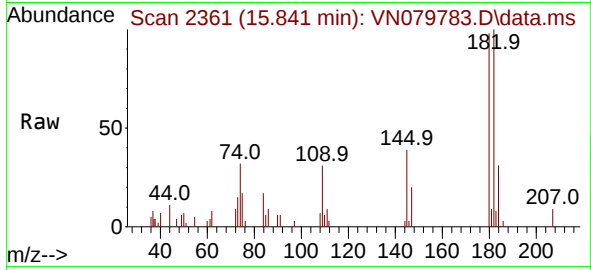
Acq: 01 Nov 2023 19:54

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023



Tgt Ion:180 Resp: 1333

Ion Ratio Lower Upper

180 100

182 88.5 46.2 138.6

145 34.7 17.5 52.6

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