

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051623\
 Data File : VN077695.D
 Acq On : 16 May 2023 16:14
 Operator : JC\MD
 Sample : 02213-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Quant Time: May 17 04:55:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 17 04:54:58 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	364644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	695564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	579496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	231646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	258657	47.408	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.820%		
35) Dibromofluoromethane	8.171	113	200219	44.143	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.280%		
50) Toluene-d8	10.571	98	736081	42.162	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	84.320%#		
62) 4-Bromofluorobenzene	12.853	95	230426	37.371	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	74.740%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	3044	0.734	ug/l	80
3) Chloromethane	2.365	50	5436	1.093	ug/l	90
4) Vinyl Chloride	2.518	62	3976	0.760	ug/l #	80
5) Bromomethane	2.965	94	4501	1.163	ug/l	86
6) Chloroethane	3.124	64	5524	1.465	ug/l #	75
7) Trichlorofluoromethane	3.512	101	5727	0.785	ug/l #	68
8) Diethyl Ether	3.959	74	2354	0.884	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.383	101	2833	0.702	ug/l	91
10) Methyl Iodide	4.589	142	4036m	0.839	ug/l	
11) Tert butyl alcohol	5.530	59	3017	4.007	ug/l #	92
12) 1,1-Dichloroethene	4.336	96	3273	0.853	ug/l	92
13) Acrolein	4.195	56	3104	5.797	ug/l #	62
14) Allyl chloride	5.047	41	4951m	0.879	ug/l	
15) Acrylonitrile	5.730	53	7989	3.971	ug/l	97
16) Acetone	4.459	43	8005	4.663	ug/l #	76
17) Carbon Disulfide	4.730	76	7559	0.731	ug/l #	86
18) Methyl Acetate	5.047	43	5843m	0.811	ug/l	
19) Methyl tert-butyl Ether	5.806	73	10143	0.731	ug/l	97
20) Methylene Chloride	5.289	84	5161	1.004	ug/l #	89
21) trans-1,2-Dichloroethene	5.783	96	3500	0.812	ug/l #	75
22) Diisopropyl ether	6.677	45	10425	0.789	ug/l #	87
23) Vinyl Acetate	6.624	43	34263	4.187	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	6446	0.797	ug/l	97
25) 2-Butanone	7.500	43	11698	4.357	ug/l #	79
26) 2,2-Dichloropropane	7.489	77	4706	0.685	ug/l #	76
27) cis-1,2-Dichloroethene	7.500	96	3747	0.725	ug/l	79
28) Bromochloromethane	7.824	49	2877	0.822	ug/l #	80
29) Tetrahydrofuran	7.859	42	6305	3.586	ug/l #	55
30) Chloroform	7.965	83	7138	0.802	ug/l	97
31) Cyclohexane	8.230	56	12848	1.733	ug/l #	14
32) 1,1,1-Trichloroethane	8.183	97	5997	0.793	ug/l #	51
36) 1,1-Dichloropropene	8.383	75	4953	0.747	ug/l	96
37) Ethyl Acetate	7.577	43	5111	0.864	ug/l #	86
38) Carbon Tetrachloride	8.371	117	5121	0.764	ug/l #	95
39) Methylcyclohexane	9.600	83	5214	0.642	ug/l #	80
40) Benzene	8.618	78	14555	0.743	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051623\
 Data File : VN077695.D
 Acq On : 16 May 2023 16:14
 Operator : JC\MD
 Sample : 02213-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Quant Time: May 17 04:55:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 17 04:54:58 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	2880	0.915	ug/l #	40
42) 1,2-Dichloroethane	8.683	62	6214	0.874	ug/l	83
43) Isopropyl Acetate	8.694	43	7293	0.755	ug/l	97
44) Trichloroethene	9.365	130	3835	0.774	ug/l	80
45) 1,2-Dichloropropane	9.635	63	3512	0.703	ug/l	94
46) Dibromomethane	9.718	93	2924	0.818	ug/l	94
47) Bromodichloromethane	9.888	83	4947	0.723	ug/l #	92
48) Methyl methacrylate	9.688	41	3594	0.785	ug/l #	83
49) 1,4-Dioxane	9.700	88	1406	16.256	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	21268	3.705	ug/l	89
52) Toluene	10.635	92	8695	0.713	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	4233	0.584	ug/l	90
54) cis-1,3-Dichloropropene	10.324	75	5174	0.648	ug/l #	79
55) 1,1,2-Trichloroethane	11.029	97	4021	0.831	ug/l #	81
56) Ethyl methacrylate	10.882	69	5058	0.691	ug/l #	85
57) 1,3-Dichloropropane	11.176	76	6036	0.728	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	12589	3.497	ug/l #	88
59) 2-Hexanone	11.200	43	15338	3.612	ug/l	90
60) Dibromochloromethane	11.359	129	3569	0.714	ug/l	90
61) 1,2-Dibromoethane	11.476	107	3284	0.680	ug/l	94
64) Tetrachloroethene	11.106	164	3223	0.795	ug/l	87
65) Chlorobenzene	11.888	112	9745	0.776	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.971	131	3052	0.702	ug/l #	53
67) Ethyl Benzene	11.971	91	17010	0.756	ug/l	99
68) m/p-Xylenes	12.076	106	11599	1.360	ug/l	89
69) o-Xylene	12.412	106	6182	0.737	ug/l	90
70) Styrene	12.418	104	9479	0.711	ug/l	97
71) Bromoform	12.582	173	2015	0.697	ug/l #	94
73) Isopropylbenzene	12.700	105	15422	0.772	ug/l	95
74) N-amyl acetate	12.506	43	5468	0.741	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.947	83	5123	0.834	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	3940m	0.679	ug/l	
77) Bromobenzene	12.988	156	3628	0.796	ug/l	95
78) n-propylbenzene	13.047	91	17186	0.730	ug/l	93
79) 2-Chlorotoluene	13.129	91	10299	0.733	ug/l	94
80) 1,3,5-Trimethylbenzene	13.182	105	12129	0.723	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.741	75	1118m	0.616	ug/l	
82) 4-Chlorotoluene	13.223	91	10965	0.785	ug/l	98
83) tert-Butylbenzene	13.447	119	10385	0.709	ug/l	82
84) 1,2,4-Trimethylbenzene	13.488	105	12915	0.782	ug/l	90
85) sec-Butylbenzene	13.623	105	14526	0.698	ug/l	100
86) p-Isopropyltoluene	13.735	119	10902	0.657	ug/l	92
87) 1,3-Dichlorobenzene	13.729	146	5901	0.700	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	6551m	0.783	ug/l	
89) n-Butylbenzene	14.065	91	9656	0.632	ug/l	97
90) Hexachloroethane	14.335	117	1682	0.617	ug/l	96
91) 1,2-Dichlorobenzene	14.112	146	6771	0.860	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	14.729	75	929	0.781	ug/l #	48
93) 1,2,4-Trichlorobenzene	15.400	180	2731	0.594	ug/l	87
94) Hexachlorobutadiene	15.506	225	1642	0.860	ug/l	81
95) Naphthalene	15.653	128	10158	0.641	ug/l	95
96) 1,2,3-Trichlorobenzene	15.847	180	2900	0.644	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051623\
Data File : VN077695.D
Acq On : 16 May 2023 16:14
Operator : JC\MD
Sample : 02213-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

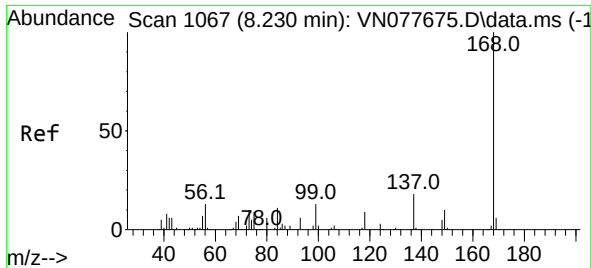
Manual Integrations
APPROVED

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

Quant Time: May 17 04:55:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Wed May 17 04:54:58 2023
Response via : Initial Calibration

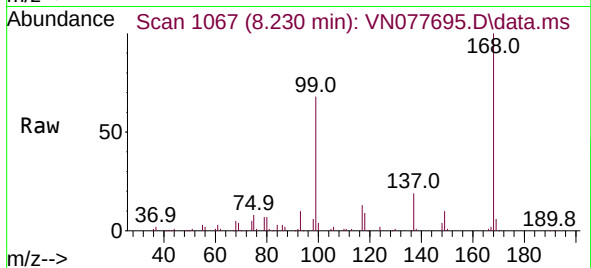
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

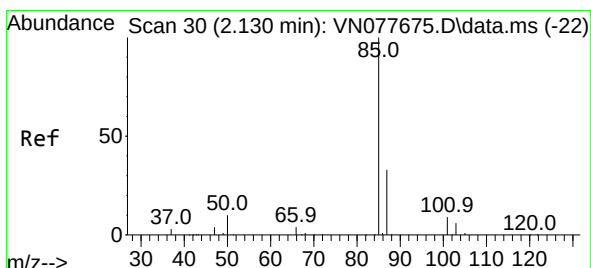
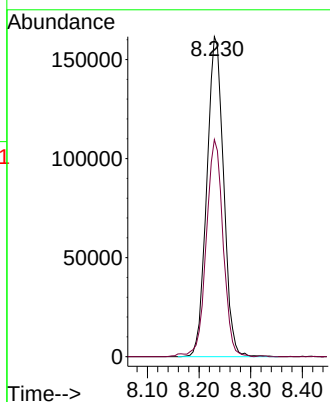
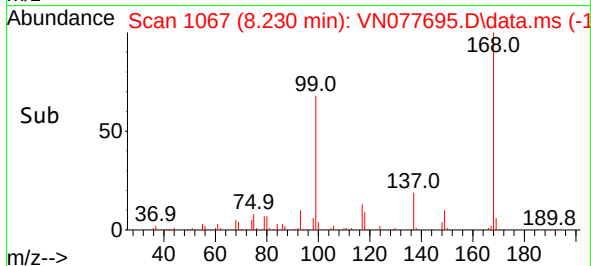
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion:168 Resp: 364644
Ion Ratio Lower Upper
168 100
99 67.9 53.0 79.6

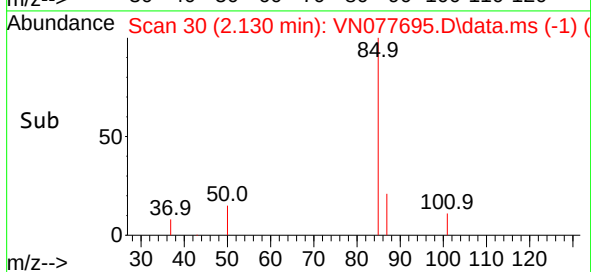
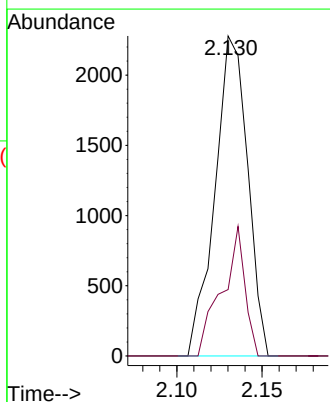
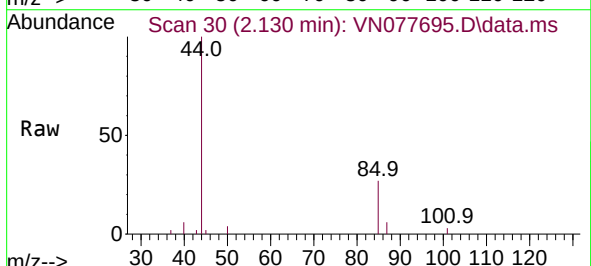
Manual Integrations
APPROVED

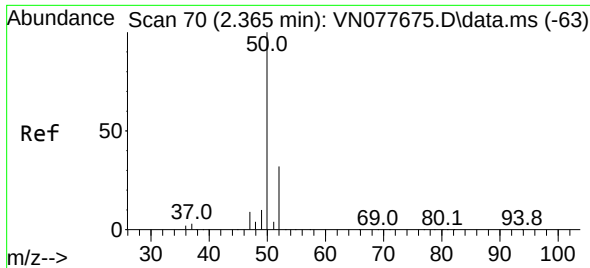
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#2
Dichlorodifluoromethane
Concen: 0.734 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

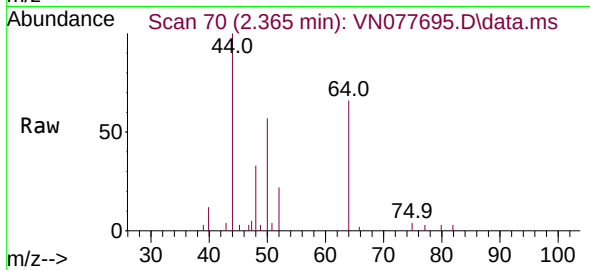
Tgt Ion: 85 Resp: 3044
Ion Ratio Lower Upper
85 100
87 20.8 15.8 47.4





#3
Chloromethane
Concen: 1.093 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

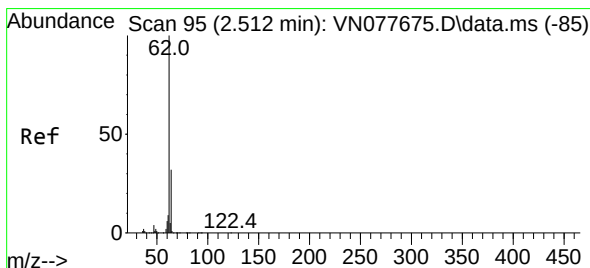
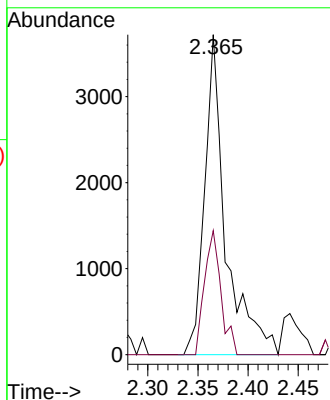
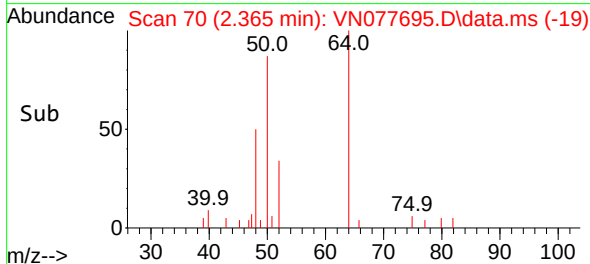
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 50 Resp: 5430
Ion Ratio Lower Upper
50 100
52 38.7 26.5 39.7

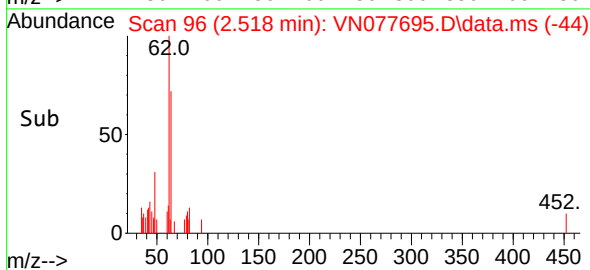
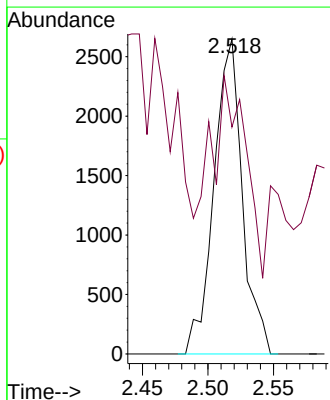
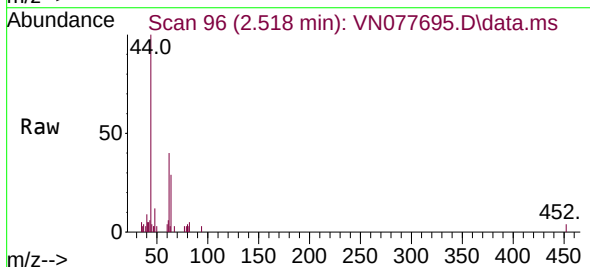
Manual Integrations
APPROVED

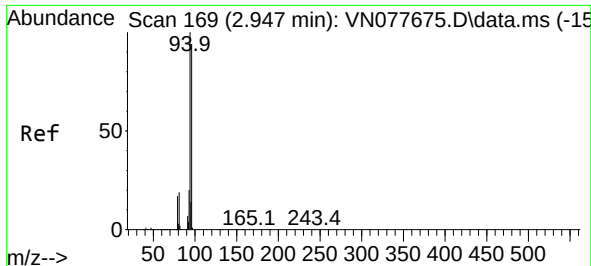
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#4
Vinyl Chloride
Concen: 0.760 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion: 62 Resp: 3976
Ion Ratio Lower Upper
62 100
64 21.4 26.2 39.2#





#5

Bromomethane

Concen: 1.163 ug/l

RT: 2.965 min Scan# 1

Delta R.T. 0.018 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 94 Resp: 450

Ion Ratio Lower Upper

94 100

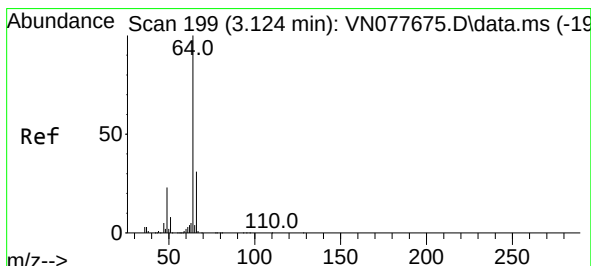
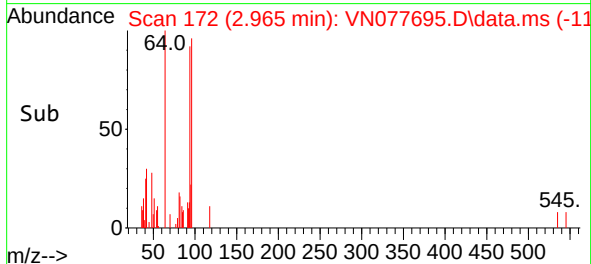
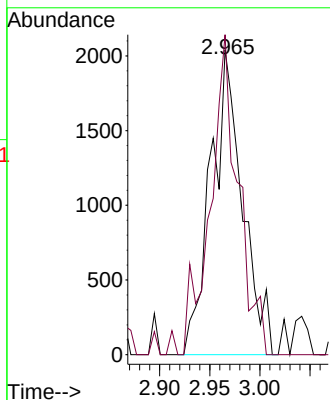
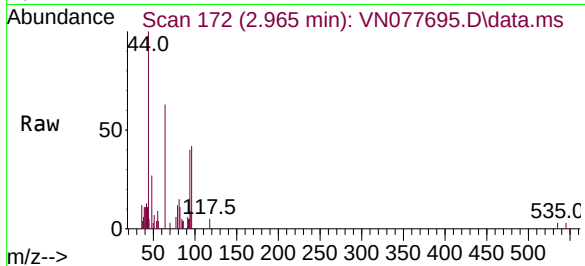
96 104.9 73.1 109.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#6

Chloroethane

Concen: 1.465 ug/l

RT: 3.124 min Scan# 199

Delta R.T. 0.000 min

Lab File: VN077695.D

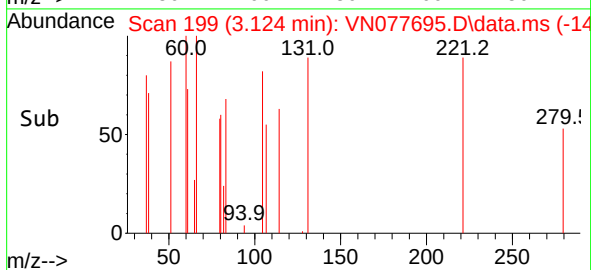
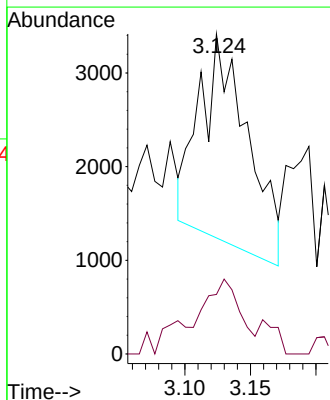
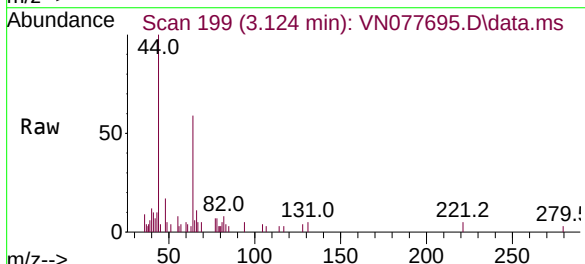
Acq: 16 May 2023 16:14

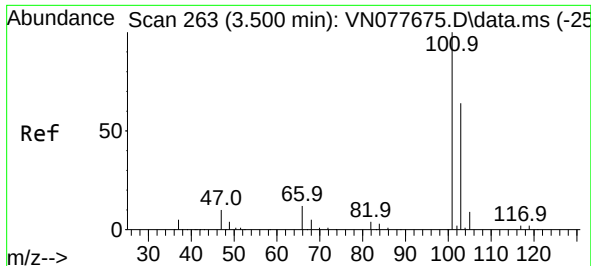
Tgt Ion: 64 Resp: 5524

Ion Ratio Lower Upper

64 100

66 17.7 25.4 38.2#





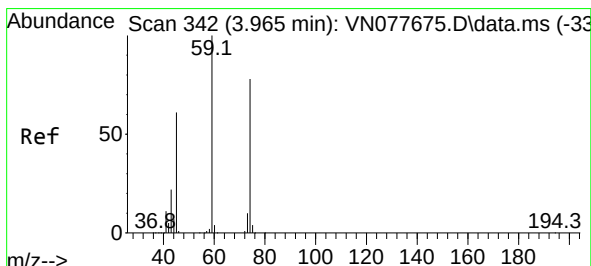
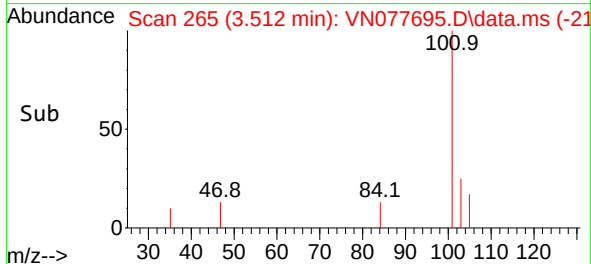
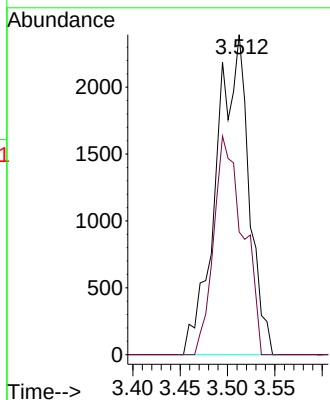
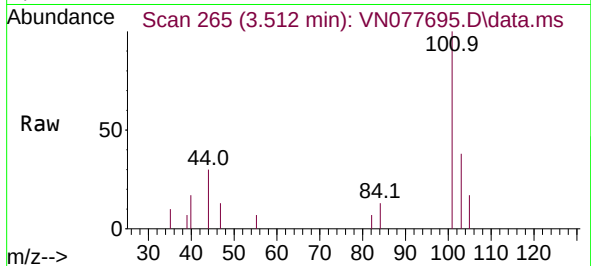
#7
Trichlorofluoromethane
Concen: 0.785 ug/l
RT: 3.512 min Scan# 20
Delta R.T. 0.012 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:101 Resp: 572
Ion Ratio Lower Upper
101 100
103 38.4 50.7 76.1

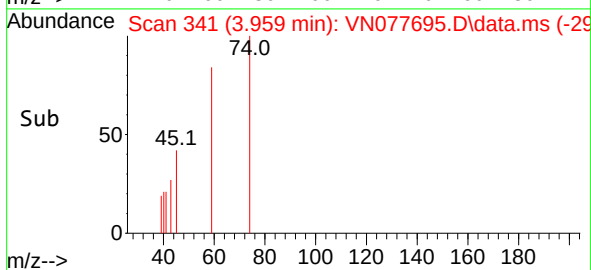
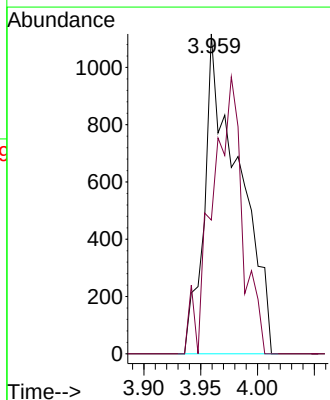
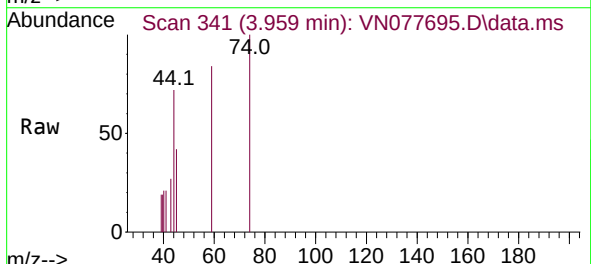
Manual Integrations
APPROVED

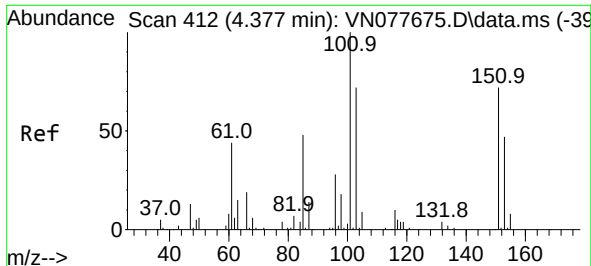
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#8
Diethyl Ether
Concen: 0.884 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion: 74 Resp: 2354
Ion Ratio Lower Upper
74 100
45 76.4 34.4 103.3





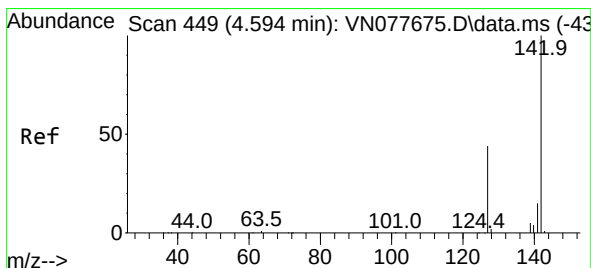
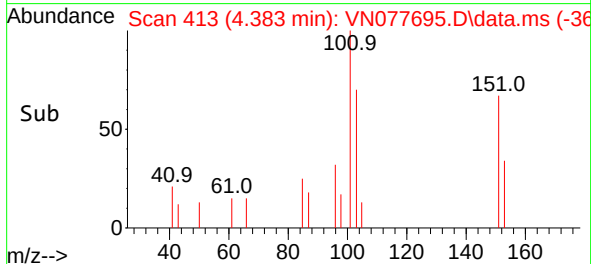
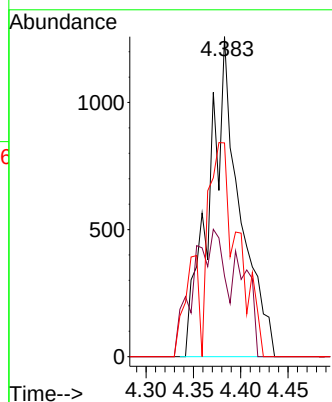
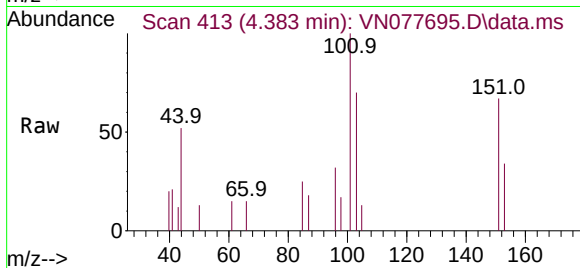
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.702 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:101 Resp: 283
Ion Ratio Lower Upper
101 100
85 41.2 36.6 55.0
151 63.3 57.6 86.4

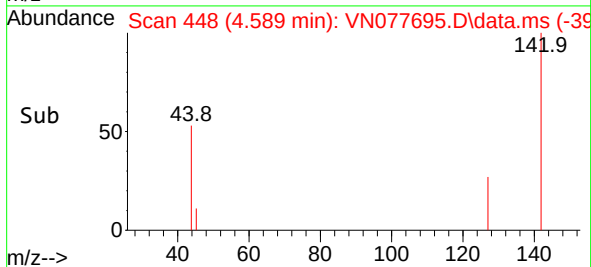
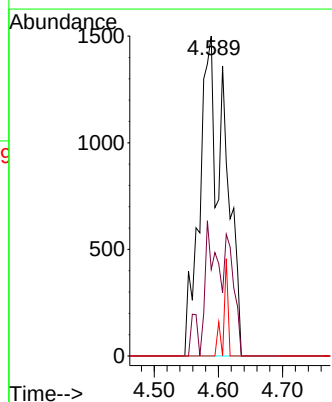
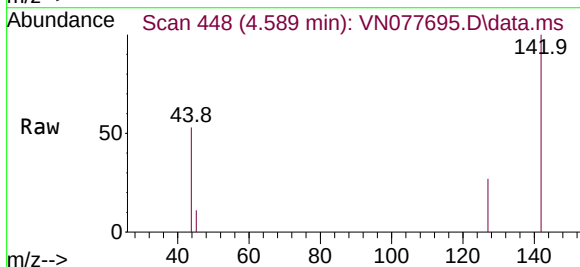
Manual Integrations
APPROVED

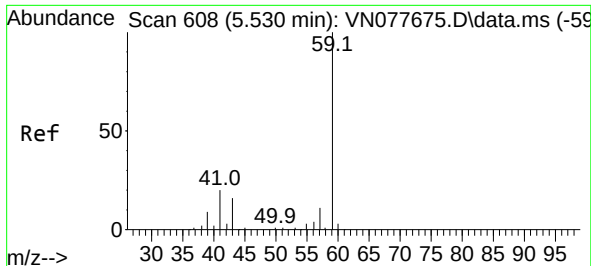
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#10
Methyl Iodide
Concen: 0.839 ug/l m
RT: 4.589 min Scan# 448
Delta R.T. -0.005 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

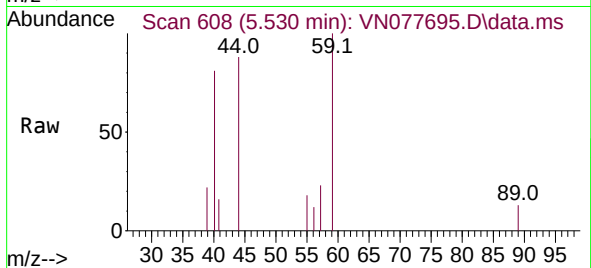
Tgt Ion:142 Resp: 4036
Ion Ratio Lower Upper
142 100
127 27.0 37.6 56.4#
141 0.0 11.4 17.0#





#11
Tert butyl alcohol
Concen: 4.007 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

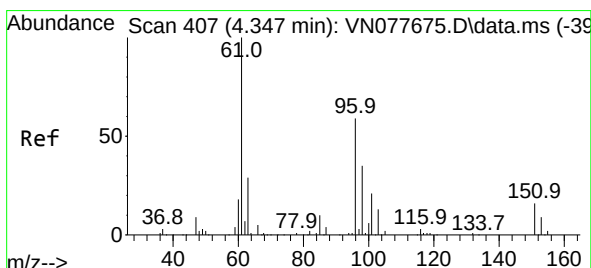
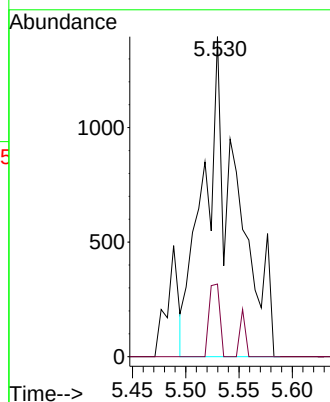
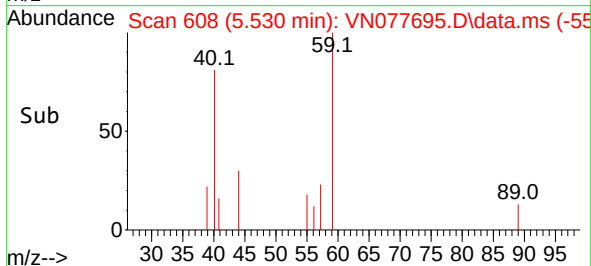
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



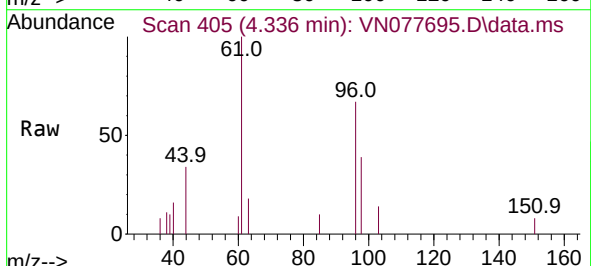
Tgt Ion: 59 Resp: 301
Ion Ratio Lower Upper
59 100
57 7.3 8.2 12.4

Manual Integrations
APPROVED

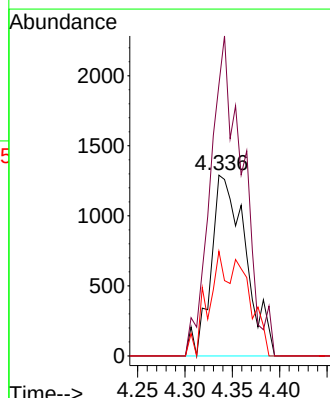
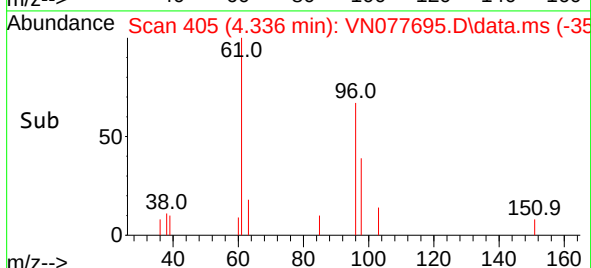
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

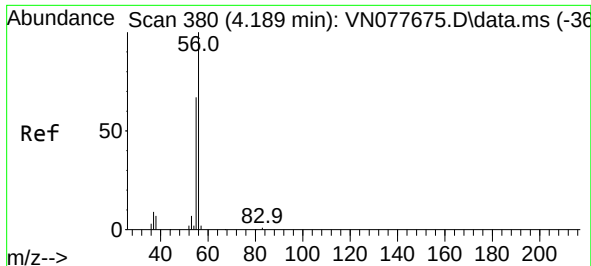


#12
1,1-Dichloroethene
Concen: 0.853 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.011 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14



Tgt Ion: 96 Resp: 3273
Ion Ratio Lower Upper
96 100
61 150.2 112.7 169.1
98 57.9 51.2 76.8





#13

Acrolein

Concen: 5.797 ug/l

RT: 4.195 min Scan# 310

Delta R.T. 0.006 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 56 Resp: 310

Ion Ratio Lower Upper

56 100

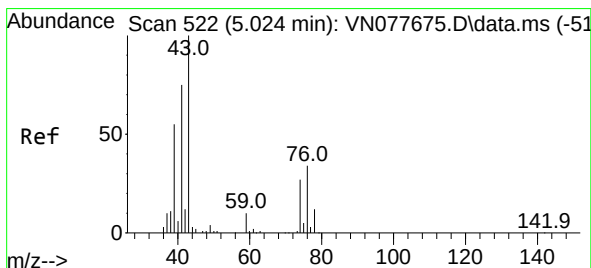
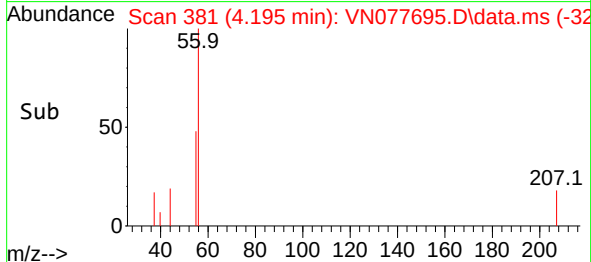
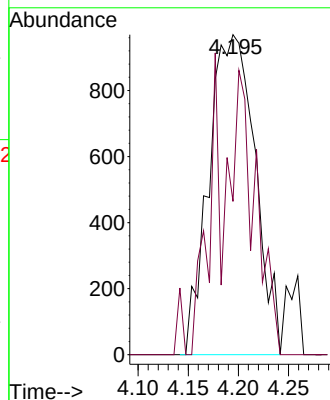
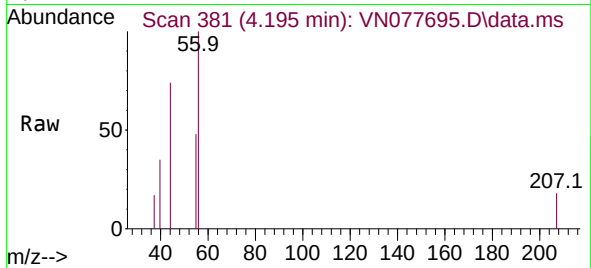
55 37.1 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#14

Allyl chloride

Concen: 0.879 ug/l m

RT: 5.047 min Scan# 526

Delta R.T. 0.023 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

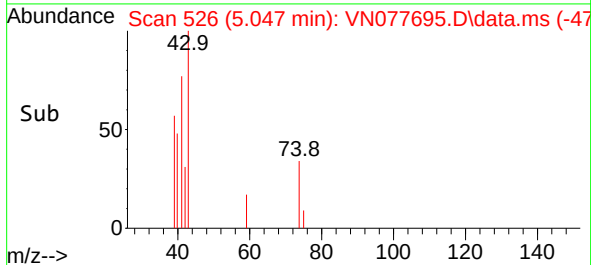
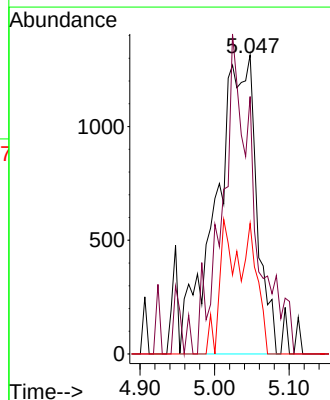
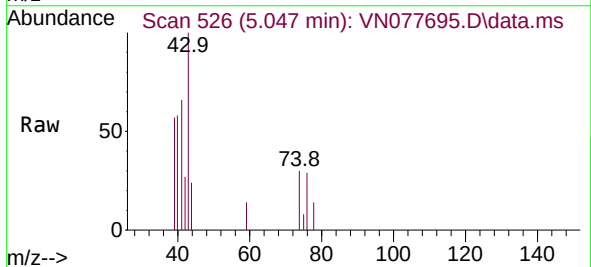
Tgt Ion: 41 Resp: 4951

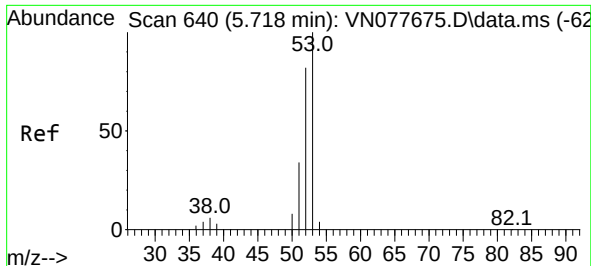
Ion Ratio Lower Upper

41 100

39 83.1 58.8 88.2

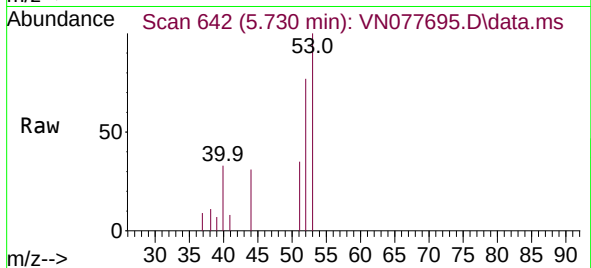
76 19.0 39.1 58.7





#15
Acrylonitrile
Concen: 3.971 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

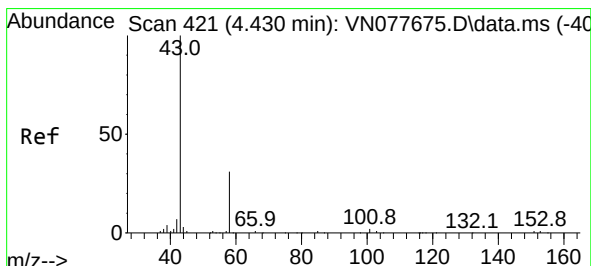
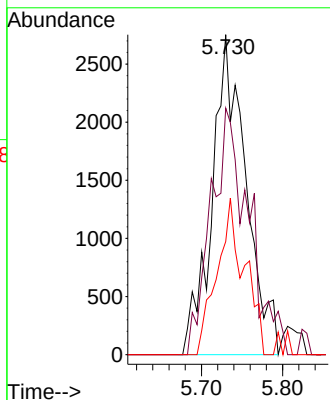
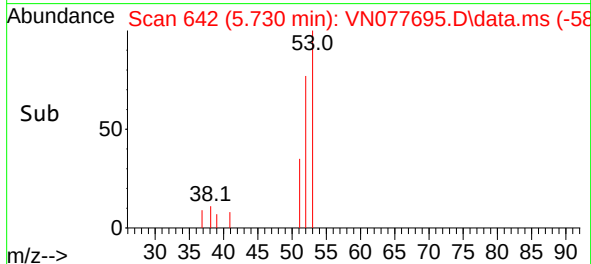
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 53 Resp: 7989
Ion Ratio Lower Upper
53 100
52 80.1 65.3 97.9
51 39.7 28.9 43.3

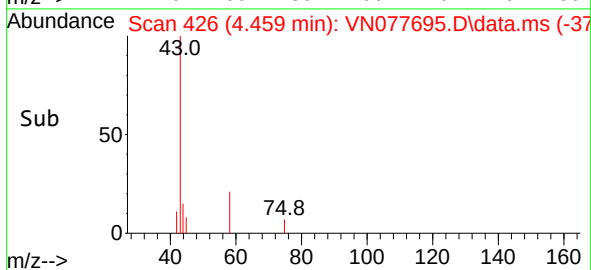
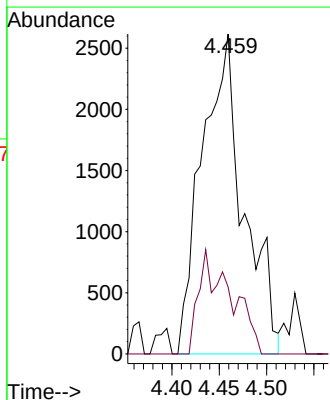
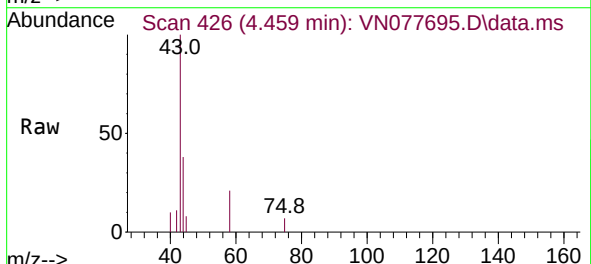
Manual Integrations
APPROVED

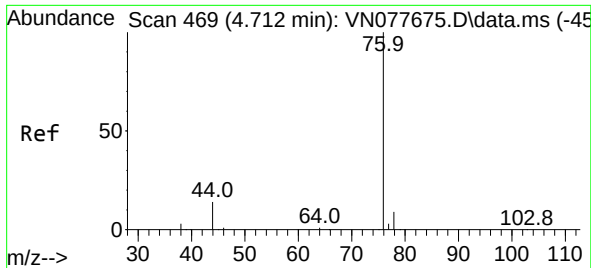
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#16
Acetone
Concen: 4.663 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.029 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

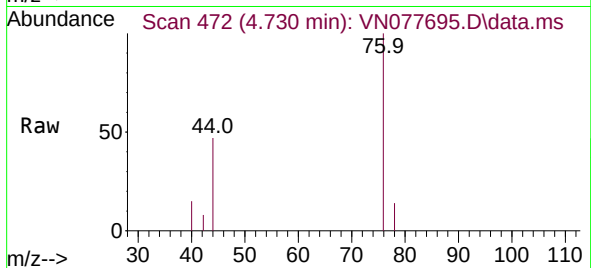
Tgt Ion: 43 Resp: 8005
Ion Ratio Lower Upper
43 100
58 20.9 28.0 42.0#





#17
Carbon Disulfide
Concen: 0.731 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

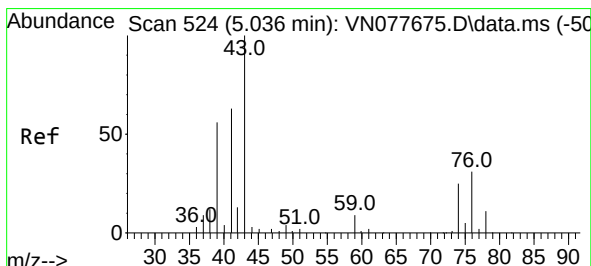
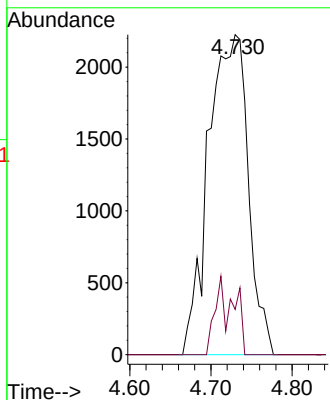
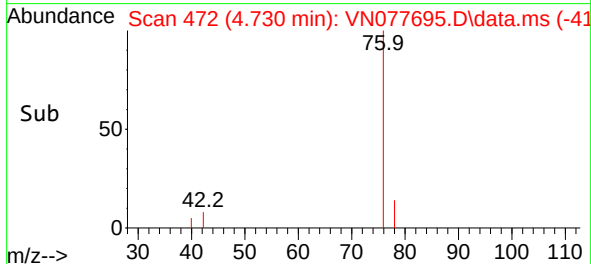
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



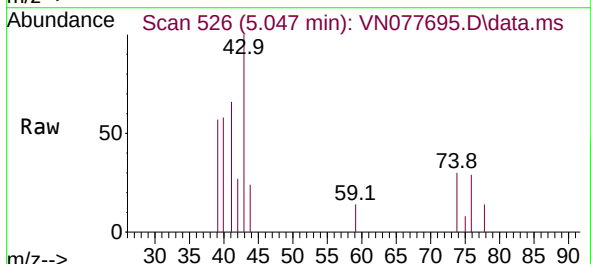
Tgt Ion: 76 Resp: 7559
Ion Ratio Lower Upper
76 100
78 14.2 7.4 11.0

Manual Integrations
APPROVED

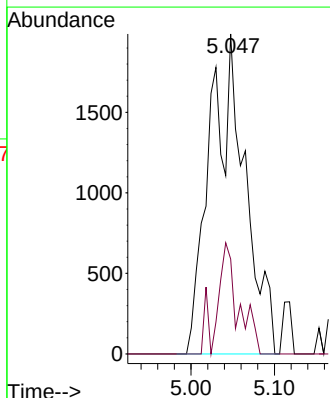
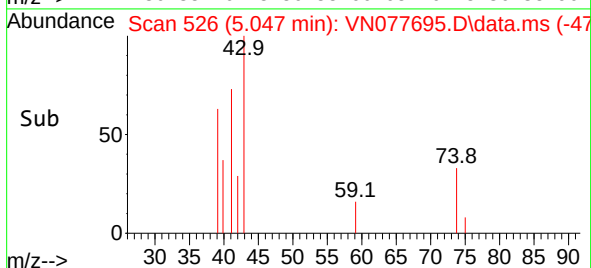
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

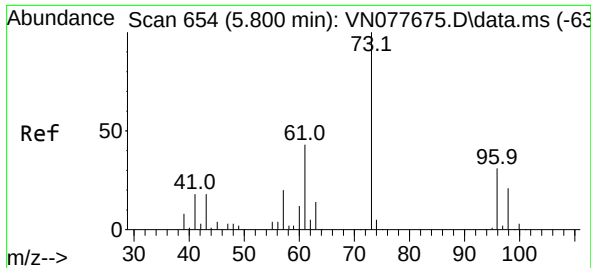


#18
Methyl Acetate
Concen: 0.811 ug/l m
RT: 5.047 min Scan# 526
Delta R.T. 0.011 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14



Tgt Ion: 43 Resp: 5843
Ion Ratio Lower Upper
43 100
74 18.3 26.2 39.4#





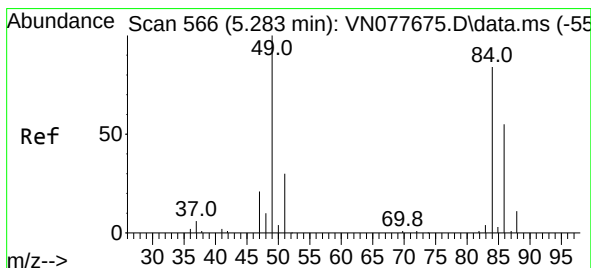
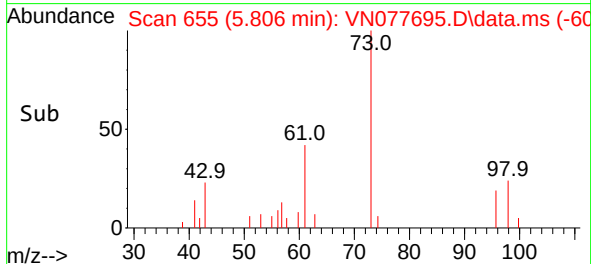
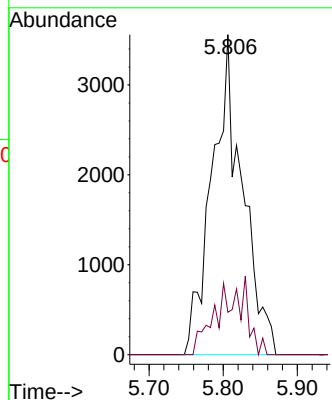
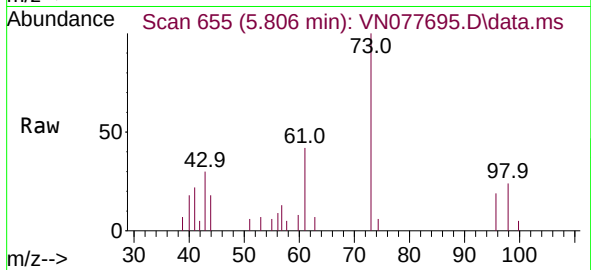
#19
Methyl tert-butyl Ether
Concen: 0.731 ug/l
RT: 5.806 min Scan# 614
Delta R.T. 0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 73 Resp: 1014
Ion Ratio Lower Upper
73 100
57 18.3 15.6 23.4

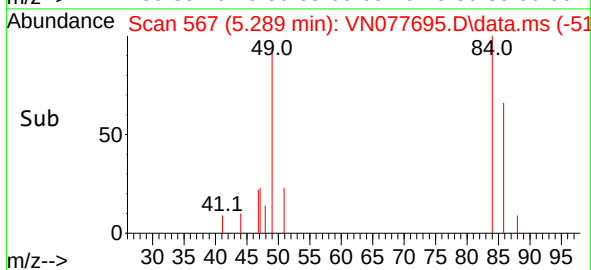
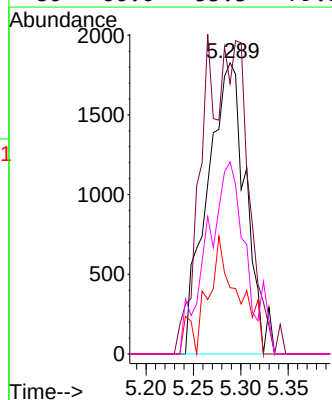
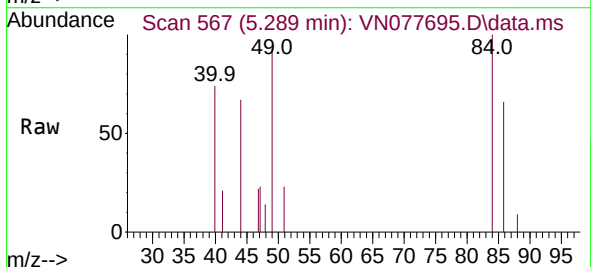
Manual Integrations
APPROVED

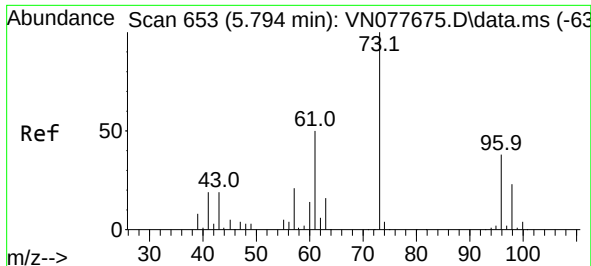
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#20
Methylene Chloride
Concen: 1.004 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

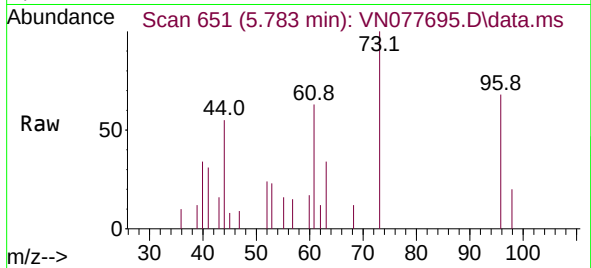
Tgt Ion: 84 Resp: 5161
Ion Ratio Lower Upper
84 100
49 82.8 79.7 119.5
51 22.8 25.2 37.8#
86 66.0 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 0.812 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.011 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

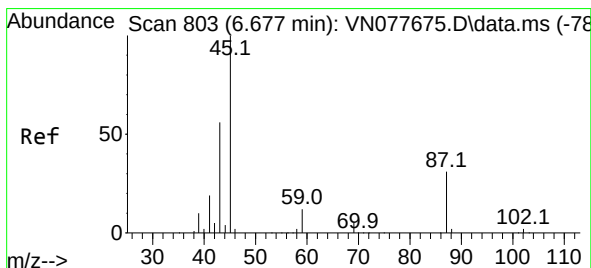
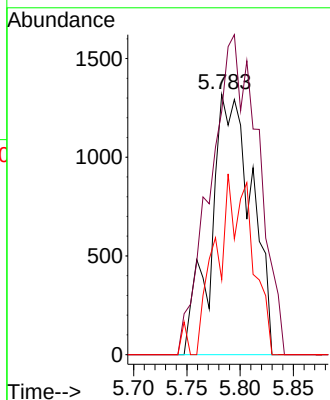
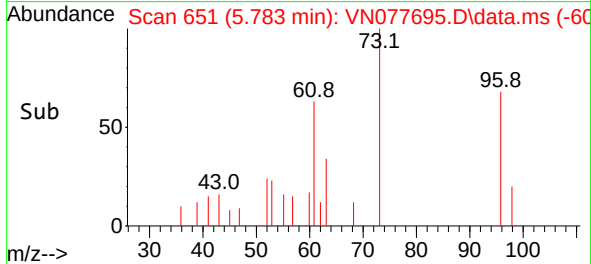
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 96 Resp: 3500
Ion Ratio Lower Upper
96 100
61 93.5 90.1 135.1
98 28.8 46.4 69.6

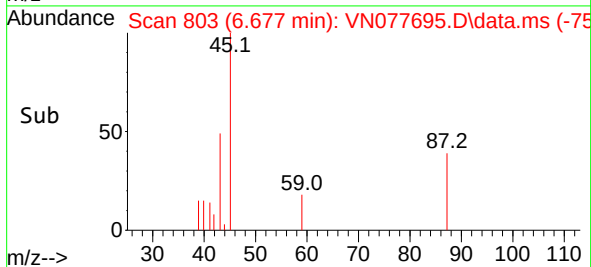
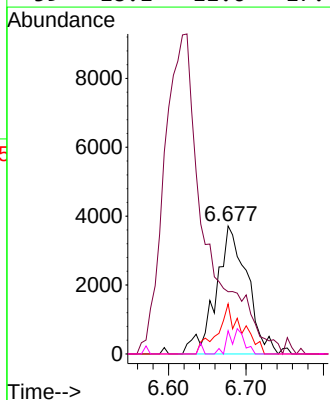
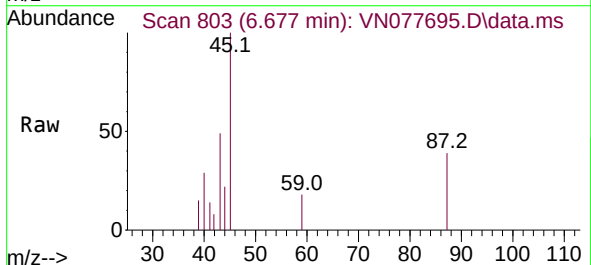
Manual Integrations
APPROVED

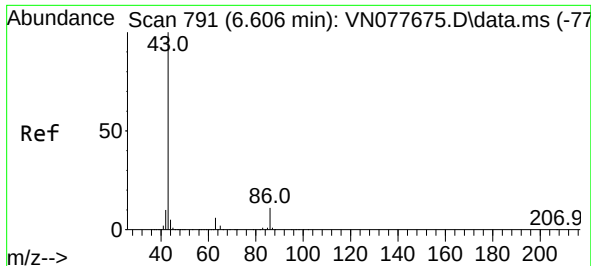
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#22
Diisopropyl ether
Concen: 0.789 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

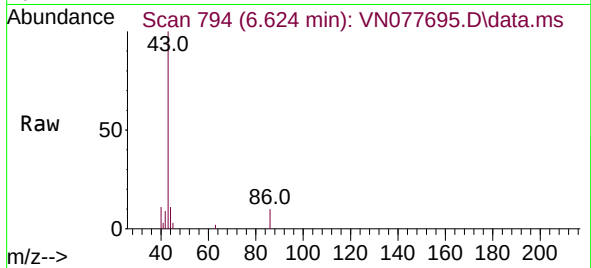
Tgt Ion: 45 Resp: 10425
Ion Ratio Lower Upper
45 100
43 40.7 45.5 68.3#
87 39.2 31.8 47.8
59 18.1 11.6 17.4#





#23
 Vinyl Acetate
 Concen: 4.187 ug/l
 RT: 6.624 min Scan# 794
 Delta R.T. 0.018 min
 Lab File: VN077695.D
 Acq: 16 May 2023 16:14

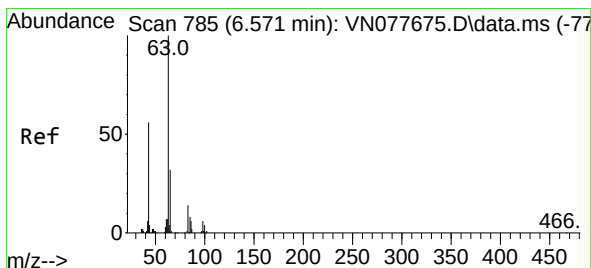
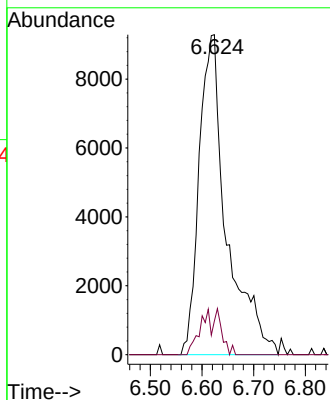
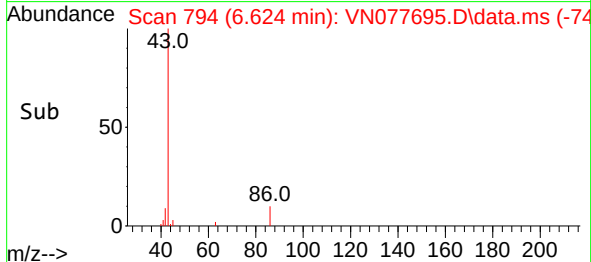
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 43 Resp: 3426
 Ion Ratio Lower Upper
 43 100
 86 10.5 13.0 19.6

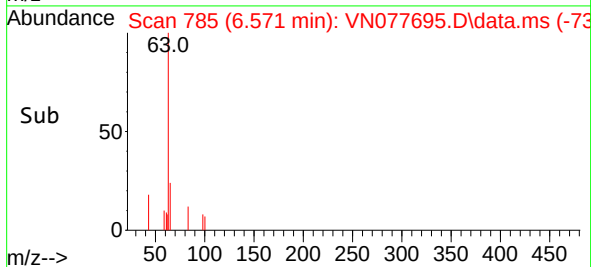
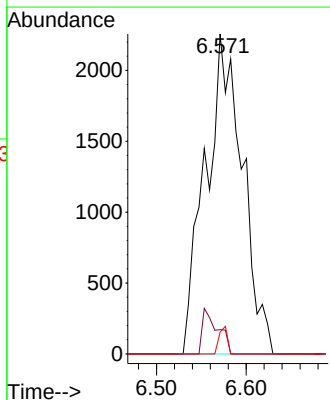
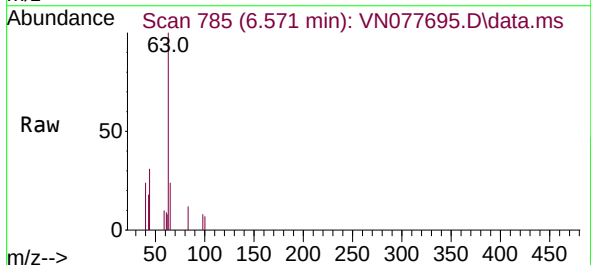
Manual Integrations
 APPROVED

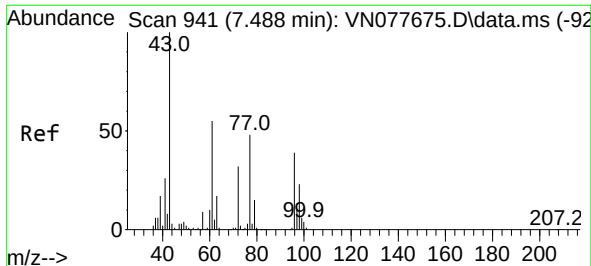
Reviewed By :John Carlone 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023



#24
 1,1-Dichloroethane
 Concen: 0.797 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN077695.D
 Acq: 16 May 2023 16:14

Tgt Ion: 63 Resp: 6446
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 6.8 2.5 7.4





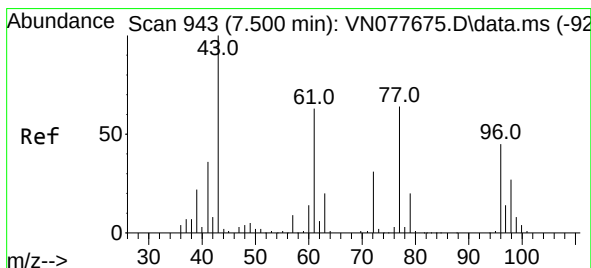
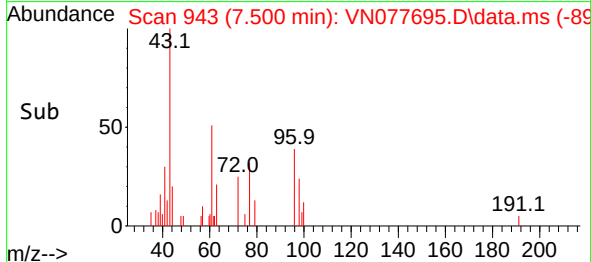
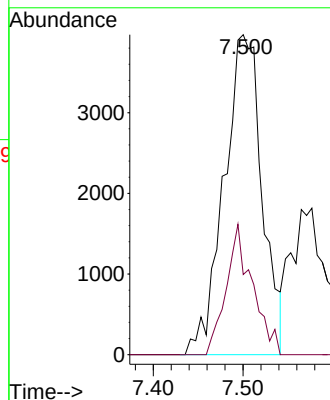
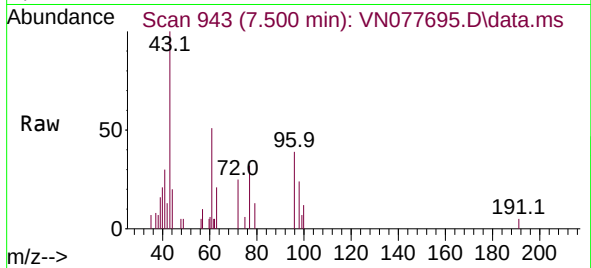
#25
2-Butanone
Concen: 4.357 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 43 Resp: 11698
Ion Ratio Lower Upper
43 100
72 25.1 30.2 45.2

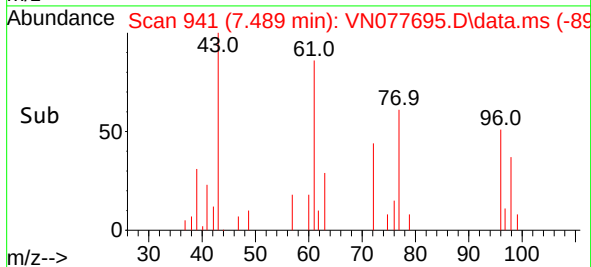
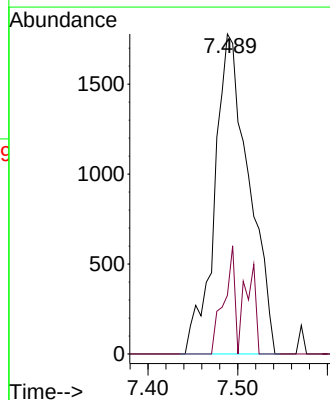
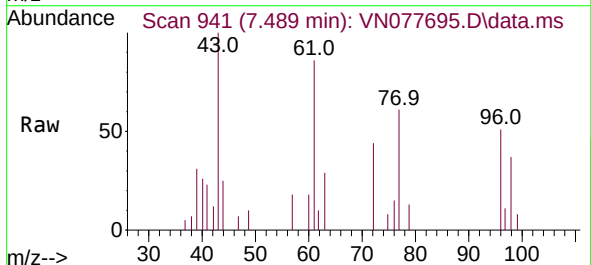
Manual Integrations
APPROVED

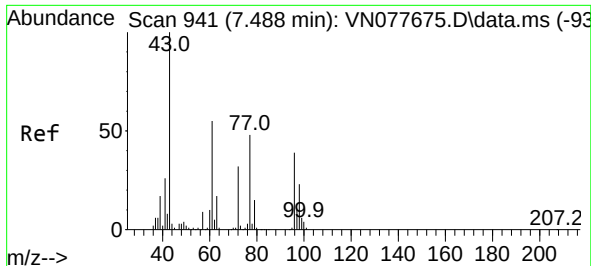
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#26
2,2-Dichloropropane
Concen: 0.685 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.011 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

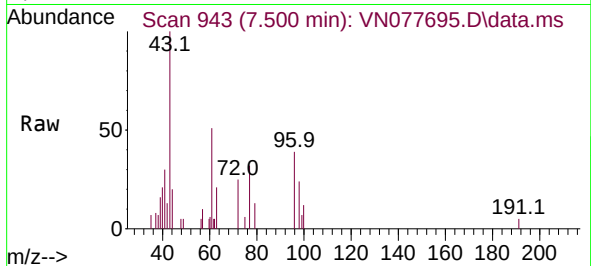
Tgt Ion: 77 Resp: 4706
Ion Ratio Lower Upper
77 100
97 10.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 0.725 ug/l
 RT: 7.500 min Scan# 941
 Delta R.T. 0.012 min
 Lab File: VN077695.D
 Acq: 16 May 2023 16:14

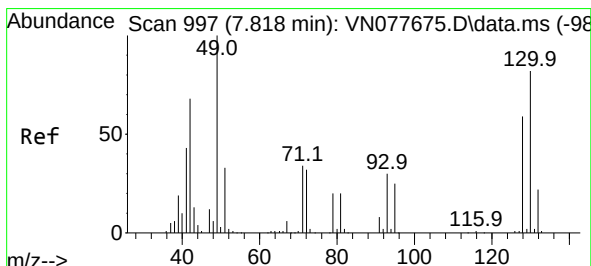
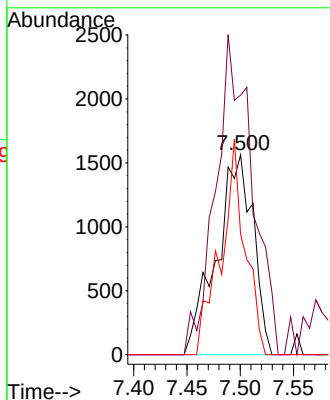
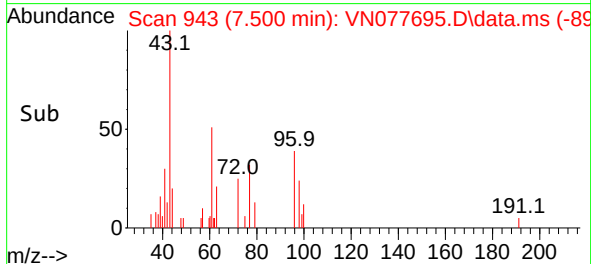
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 96 Resp: 374
 Ion Ratio Lower Upper
 96 100
 61 158.8 0.0 255.2
 98 71.3 0.0 128.8

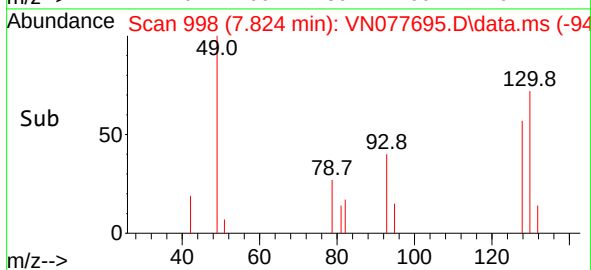
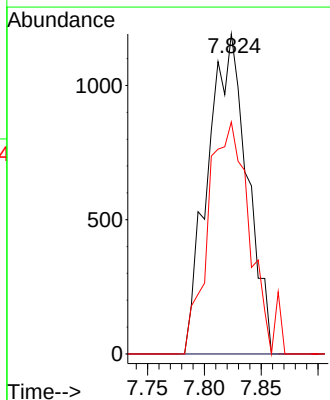
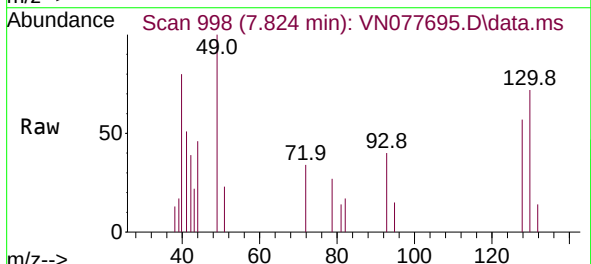
Manual Integrations
 APPROVED

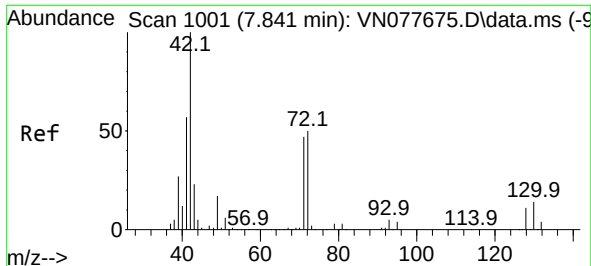
Reviewed By :John Carlone 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023



#28
 Bromochloromethane
 Concen: 0.822 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN077695.D
 Acq: 16 May 2023 16:14

Tgt Ion: 49 Resp: 2877
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 74.0 75.3 112.9#





#29

Tetrahydrofuran

Concen: 3.586 ug/l

RT: 7.859 min Scan# 1004

Delta R.T. 0.018 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

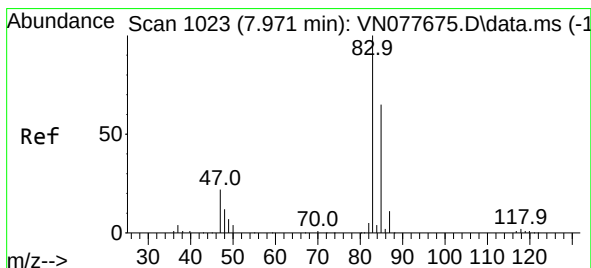
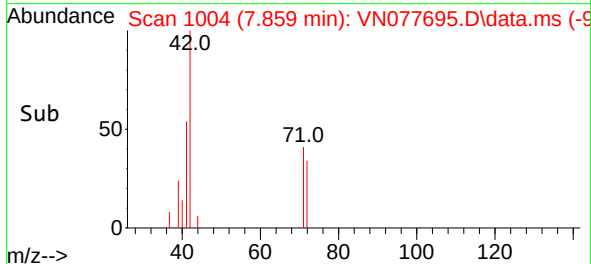
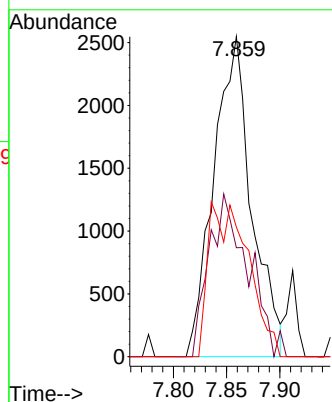
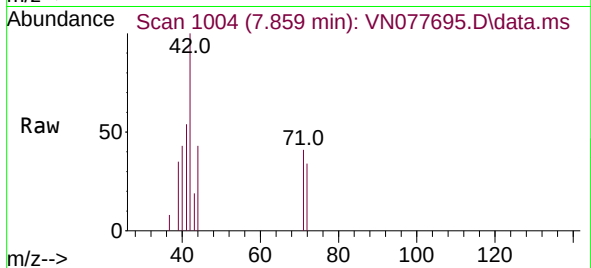
Tgt Ion: 42	Resp: 630
Ion Ratio	Lower Upper
42	100
72	52.4 49.8 74.6
71	0.0 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#30

Chloroform

Concen: 0.802 ug/l

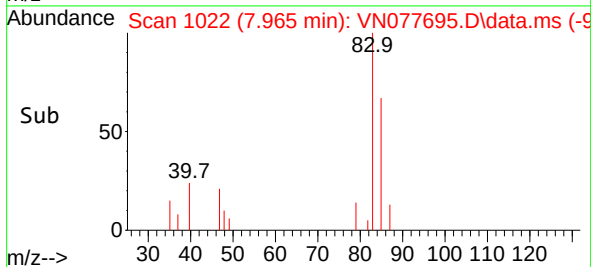
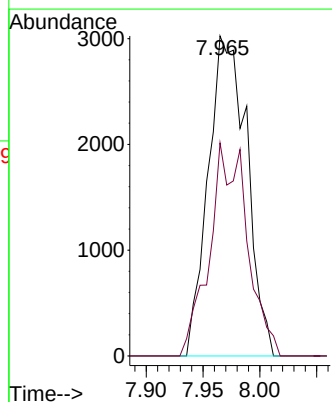
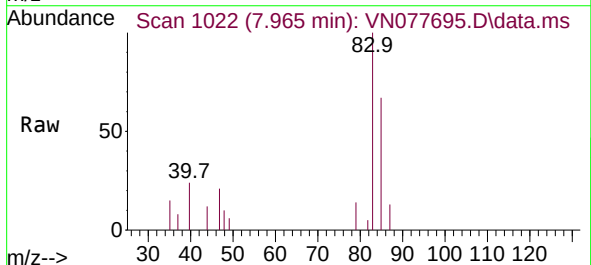
RT: 7.965 min Scan# 1022

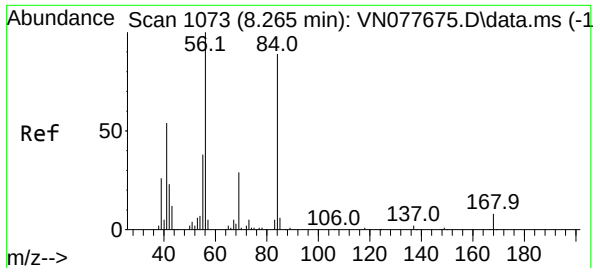
Delta R.T. -0.006 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

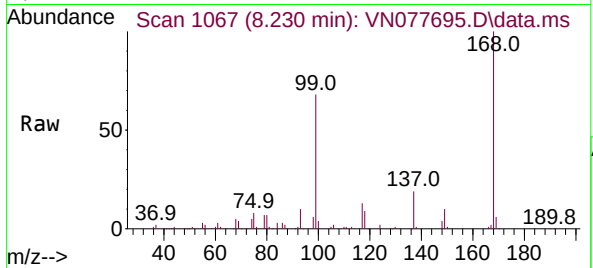
Tgt Ion: 83	Resp: 7138
Ion Ratio	Lower Upper
83	100
85	66.6 55.4 83.0





#31
Cyclohexane
Concen: 1.733 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

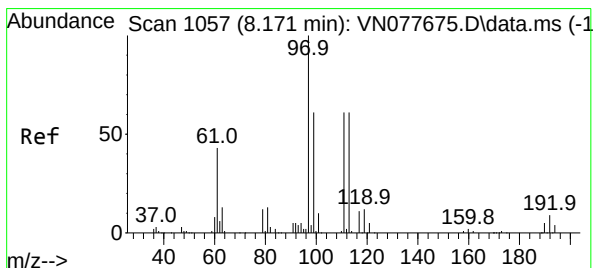
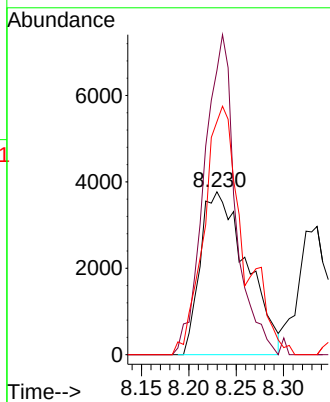
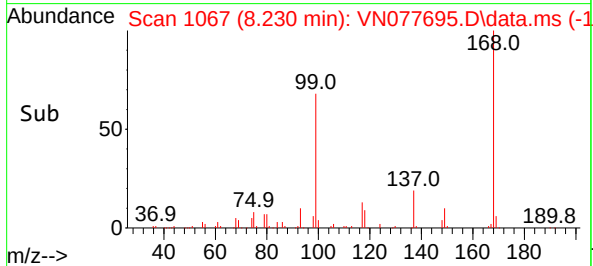
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 56 Resp: 1284
Ion Ratio Lower Upper
56 100
69 174.4 26.8 40.2
84 135.1 81.8 122.6

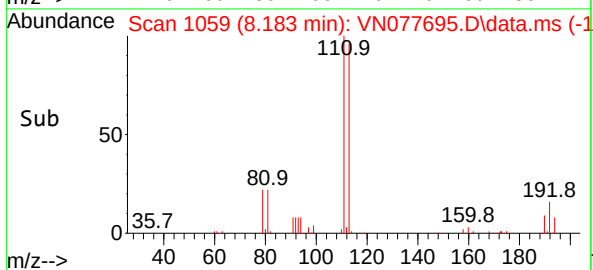
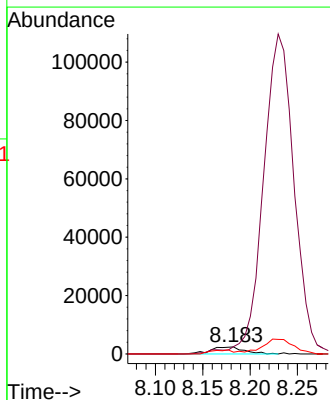
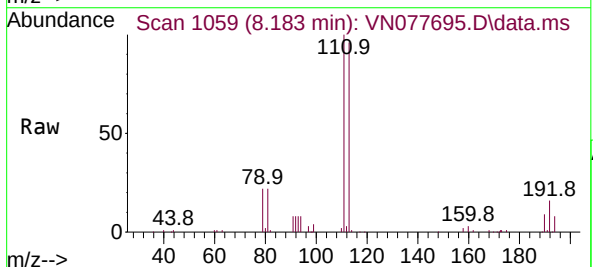
Manual Integrations
APPROVED

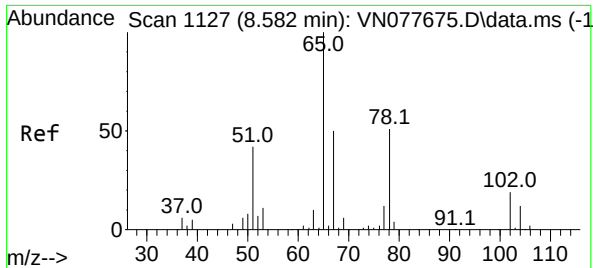
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#32
1,1,1-Trichloroethane
Concen: 0.793 ug/l
RT: 8.183 min Scan# 1059
Delta R.T. 0.012 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion: 97 Resp: 5997
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5
61 44.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.408 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 65 Resp: 25865

Ion Ratio Lower Upper

65 100

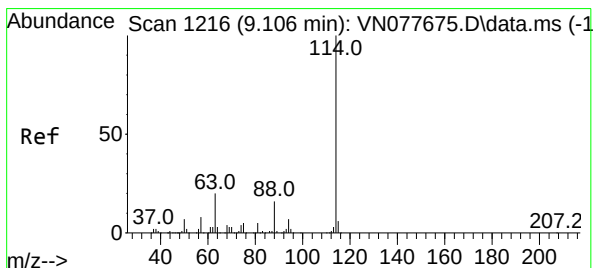
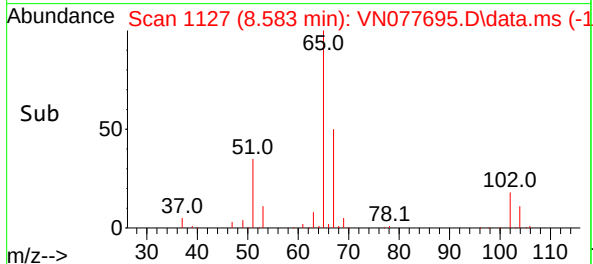
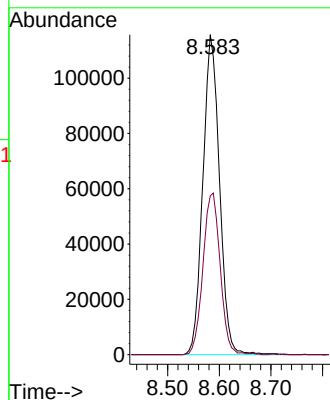
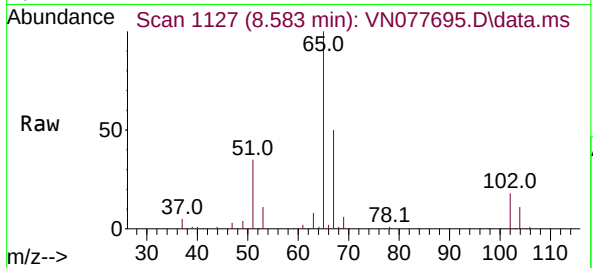
67 52.3 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

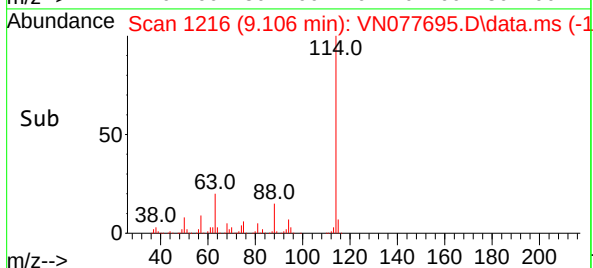
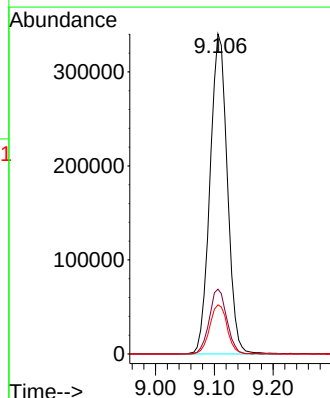
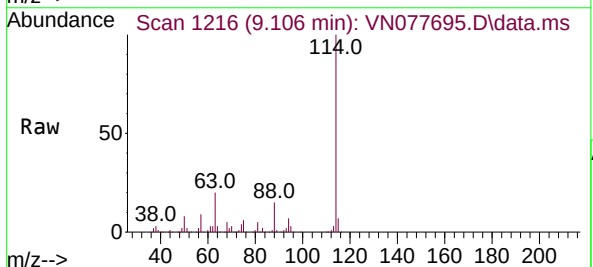
Tgt Ion:114 Resp: 695564

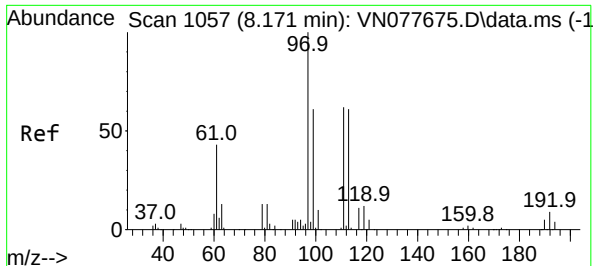
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

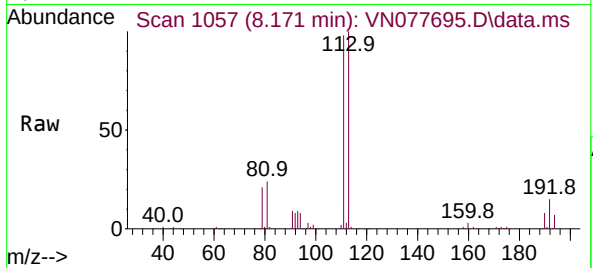
88 15.4 0.0 30.6





#35
Dibromofluoromethane
Concen: 44.143 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

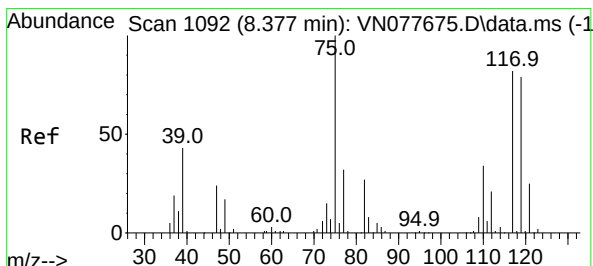
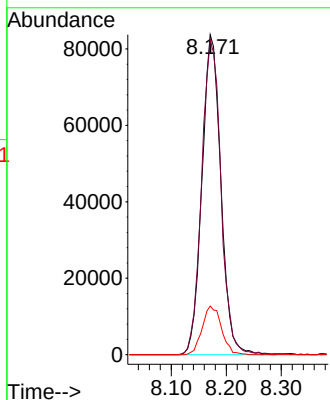
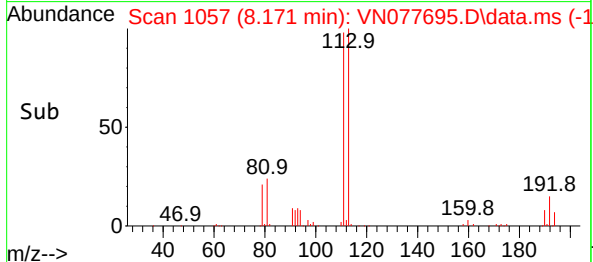
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 113 Resp: 200219
Ion Ratio Lower Upper
113 100
111 100.5 82.6 123.8
192 15.5 12.7 19.1

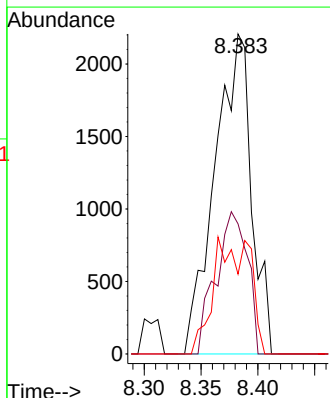
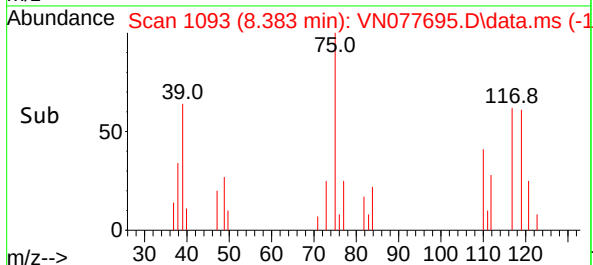
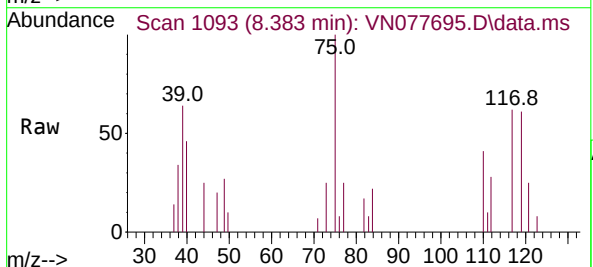
Manual Integrations
APPROVED

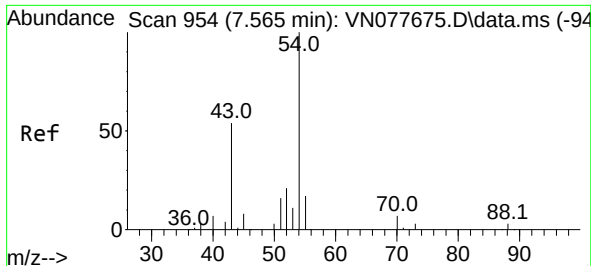
Reviewed By : John Carlone 05/17/2023
Supervised By : Mahesh Dadoda 05/17/2023



#36
1,1-Dichloropropene
Concen: 0.747 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion: 75 Resp: 4953
Ion Ratio Lower Upper
75 100
110 38.3 19.1 57.3
77 36.2 25.0 37.4





#37

Ethyl Acetate

Concen: 0.864 ug/l

RT: 7.577 min Scan# 911

Delta R.T. 0.012 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

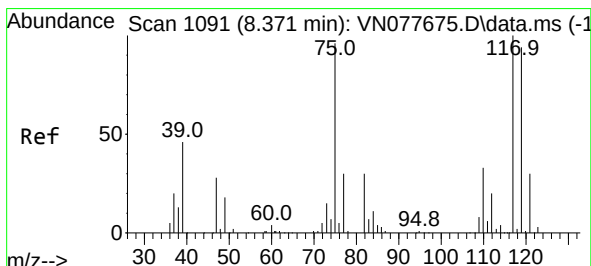
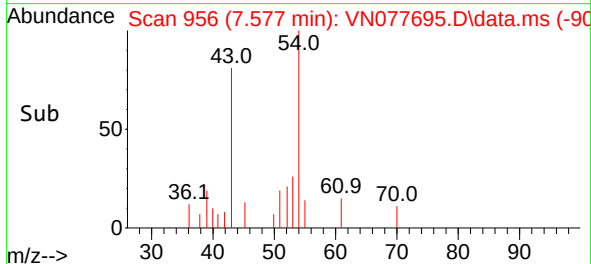
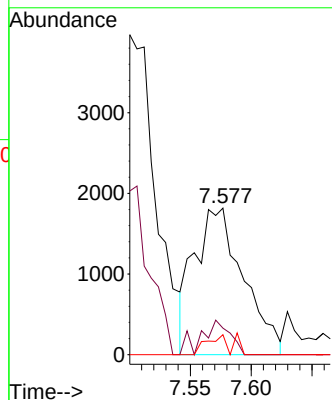
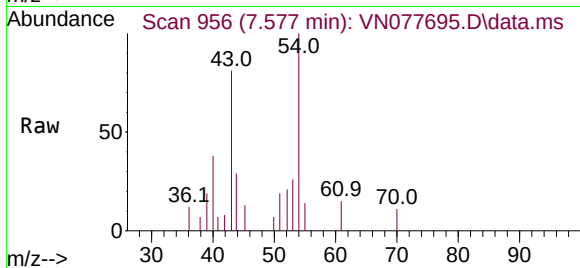
Tgt Ion: 43	Resp: 511
Ion Ratio	Lower Upper
43 100	
61 11.7	13.2 19.8
70 7.0	11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#38

Carbon Tetrachloride

Concen: 0.764 ug/l

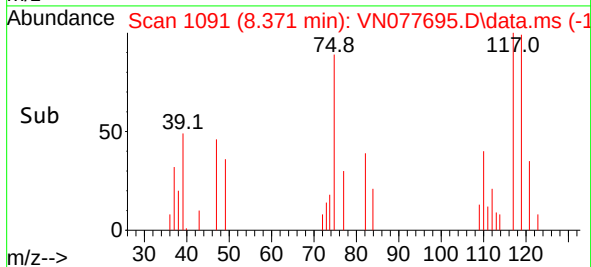
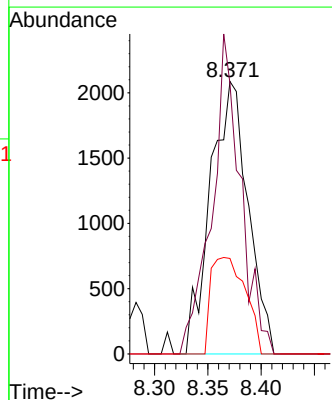
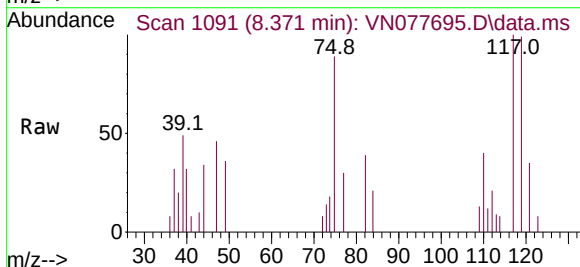
RT: 8.371 min Scan# 1091

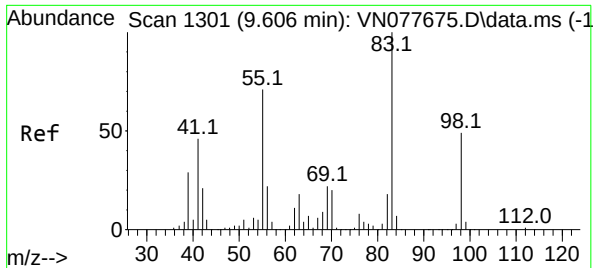
Delta R.T. -0.000 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

Tgt Ion: 117	Resp: 5121
Ion Ratio	Lower Upper
117 100	
119 99.2	77.3 115.9
121 35.0	23.3 34.9





#39

Methylcyclohexane

Concen: 0.642 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

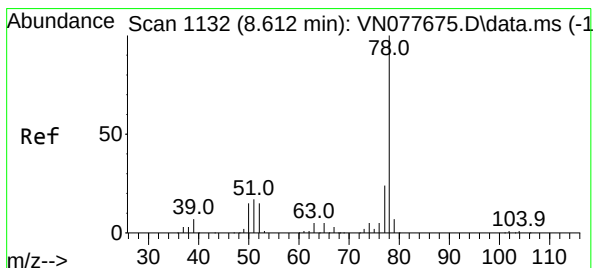
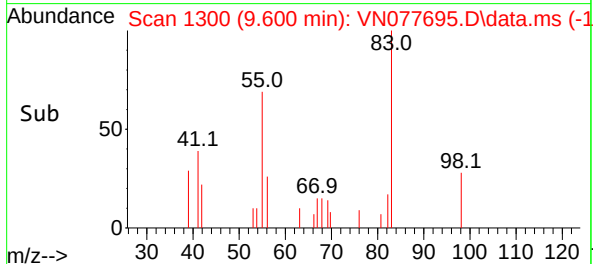
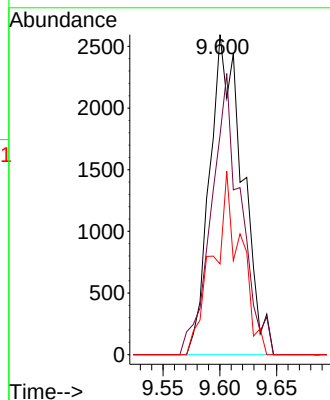
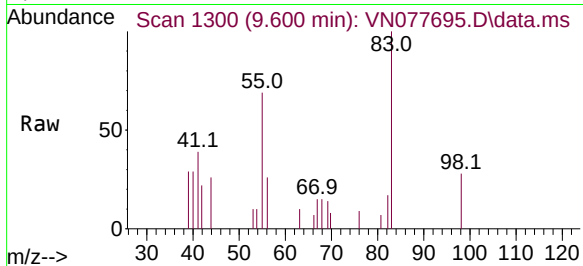
Tgt Ion: 83	Resp: 5214
Ion Ratio	Lower Upper
83	100
55	68.6 49.1 73.7
98	28.3 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#40

Benzene

Concen: 0.743 ug/l

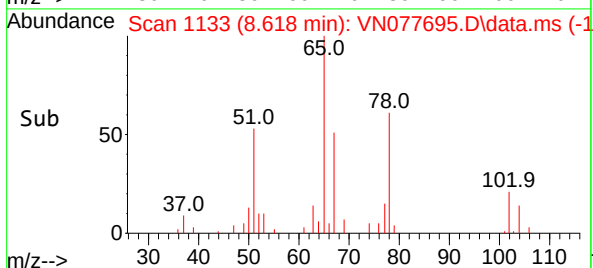
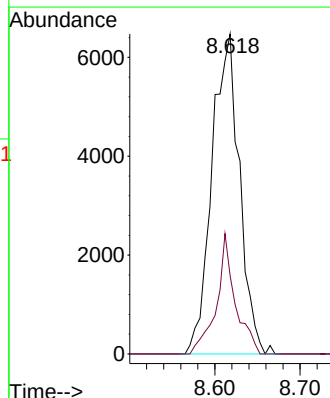
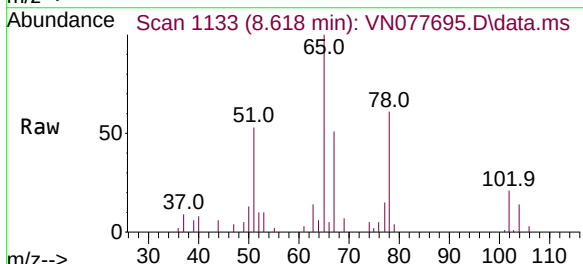
RT: 8.618 min Scan# 1133

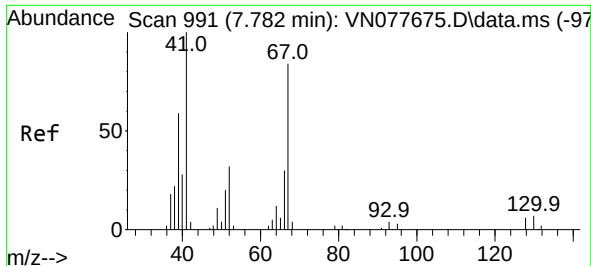
Delta R.T. 0.006 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

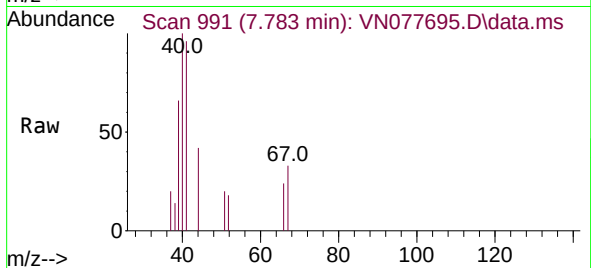
Tgt Ion: 78	Resp: 14555
Ion Ratio	Lower Upper
78	100
77	24.5 19.0 28.6





#41
Methacrylonitrile
Concen: 0.915 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

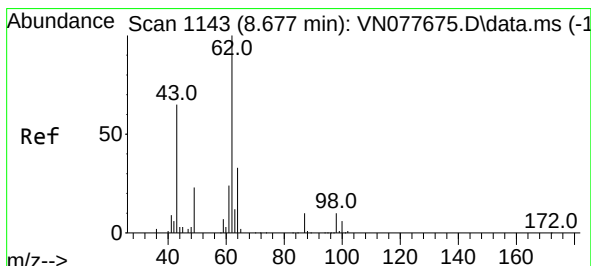
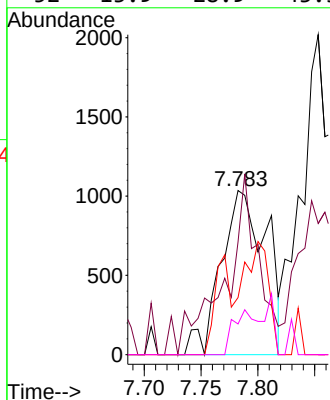
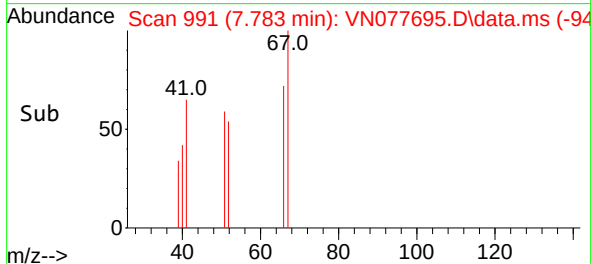
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 41 Resp: 2880
Ion Ratio Lower Upper
41 100
39 84.1 42.6 64.0
67 20.5 77.5 116.3
52 13.9 28.9 43.3

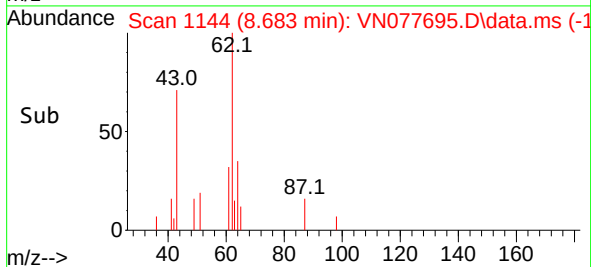
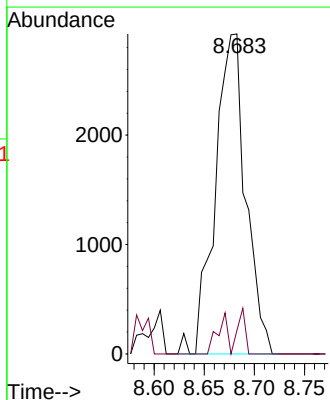
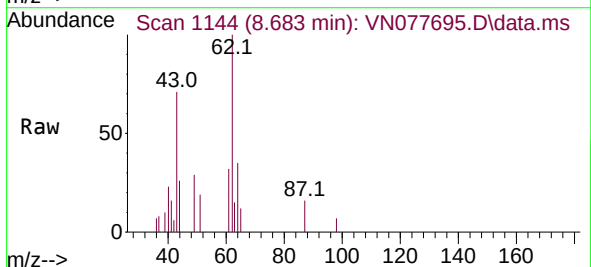
Manual Integrations
APPROVED

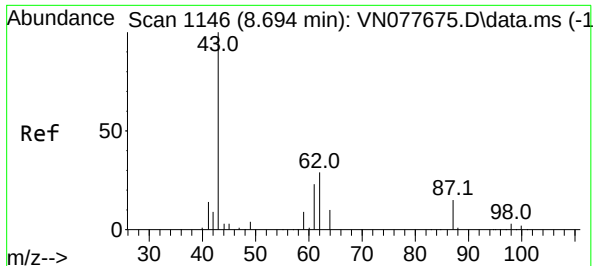
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#42
1,2-Dichloroethane
Concen: 0.874 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

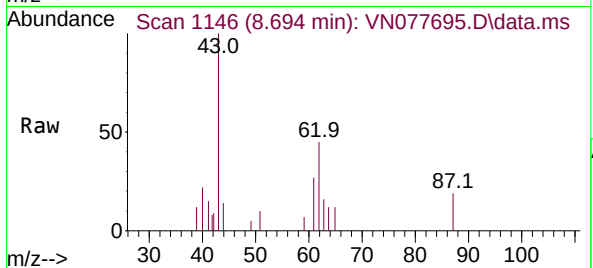
Tgt Ion: 62 Resp: 6214
Ion Ratio Lower Upper
62 100
98 3.6 0.0 19.8





#43
Isopropyl Acetate
Concen: 0.755 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

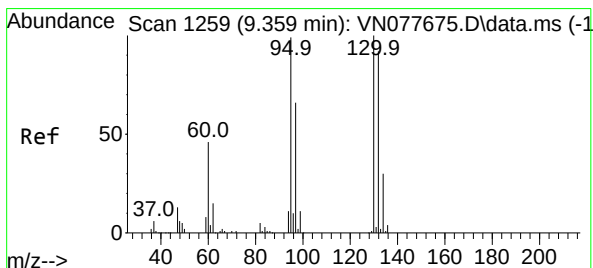
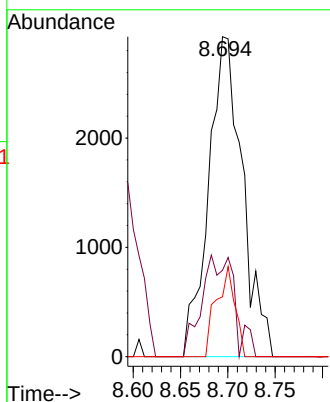
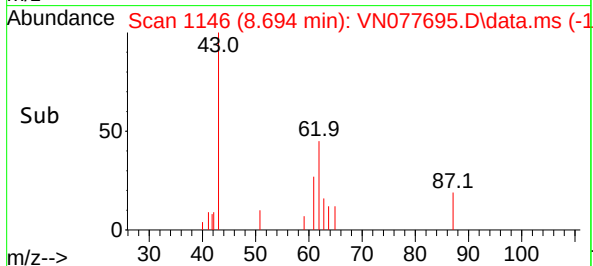
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 43 Resp: 729
Ion Ratio Lower Upper
43 100
61 30.5 24.7 37.1
87 15.5 14.6 21.8

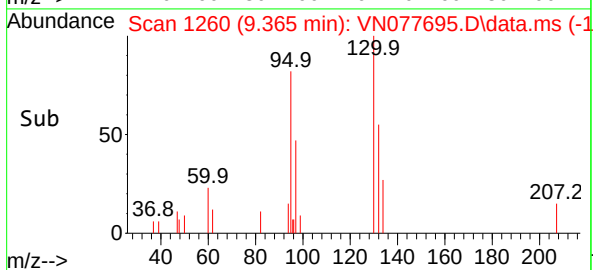
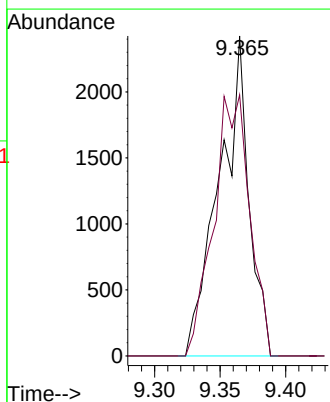
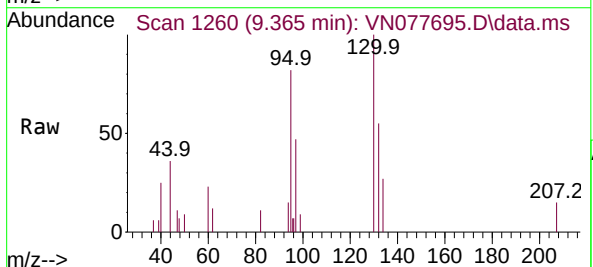
Manual Integrations
APPROVED

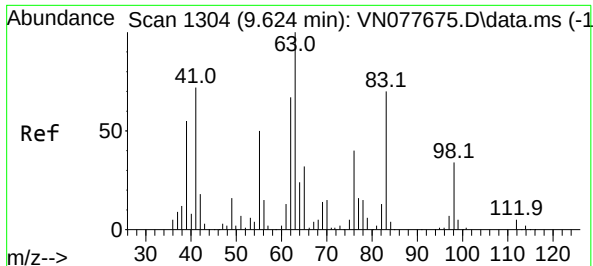
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#44
Trichloroethene
Concen: 0.774 ug/l
RT: 9.365 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion:130 Resp: 3835
Ion Ratio Lower Upper
130 100
95 81.6 0.0 204.6





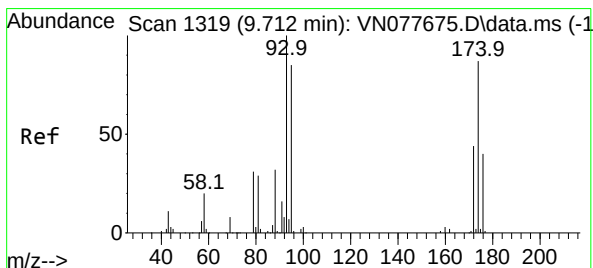
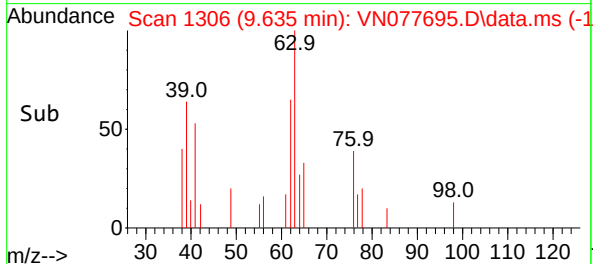
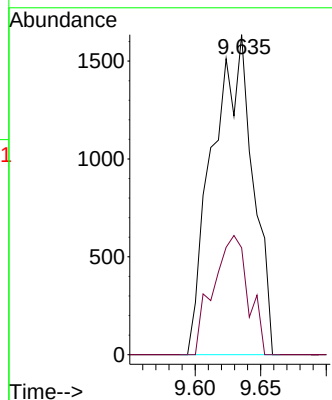
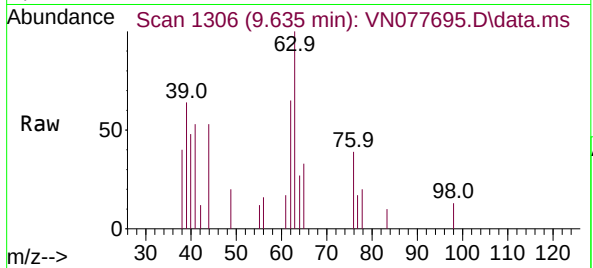
#45
1,2-Dichloropropane
Concen: 0.703 ug/l
RT: 9.635 min Scan# 1306
Delta R.T. 0.011 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 63 Resp: 3512
Ion Ratio Lower Upper
63 100
65 33.4 23.9 35.9

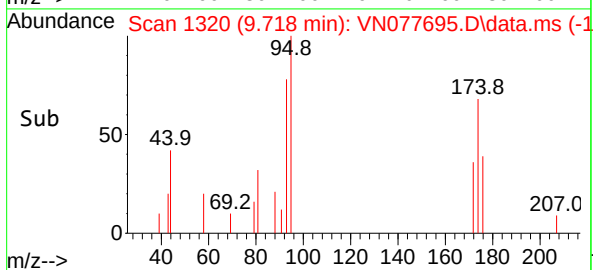
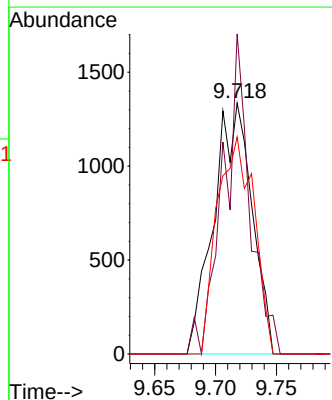
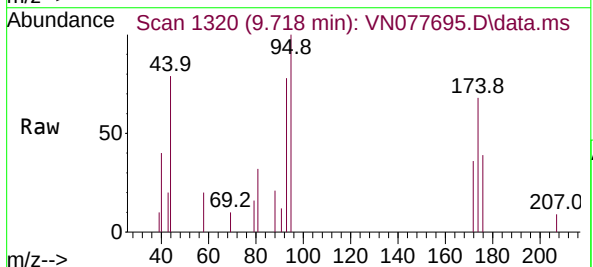
Manual Integrations
APPROVED

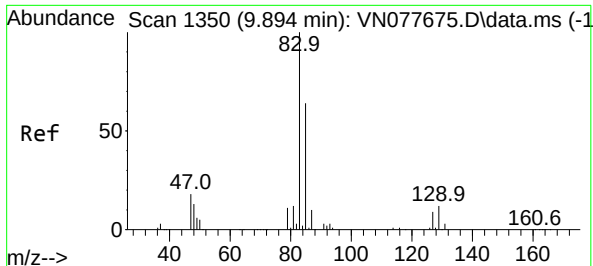
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#46
Dibromomethane
Concen: 0.818 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion: 93 Resp: 2924
Ion Ratio Lower Upper
93 100
95 89.0 63.8 95.8
174 83.0 65.6 98.4





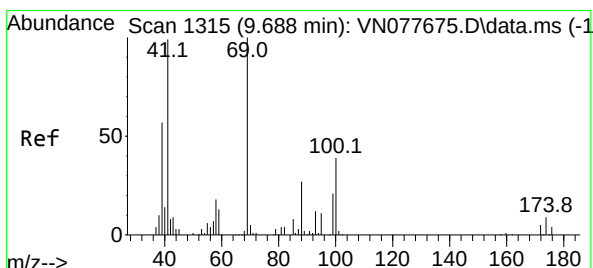
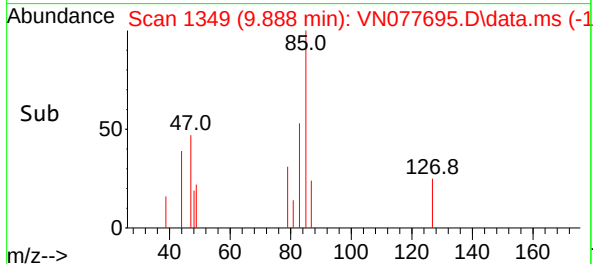
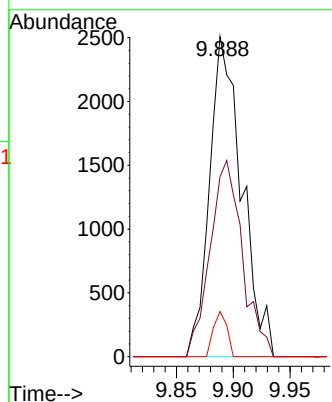
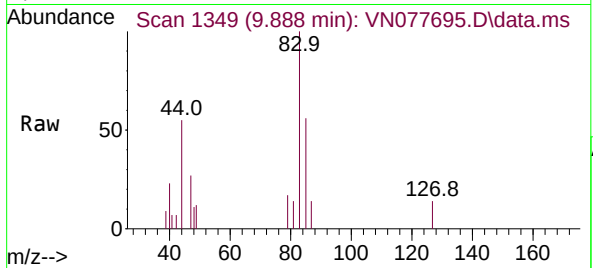
#47
Bromodichloromethane
Concen: 0.723 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 83 Resp: 494
Ion Ratio Lower Upper
83 100
85 56.3 49.6 74.4
127 14.1 7.0 10.6

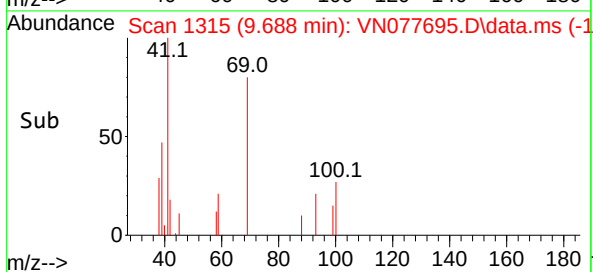
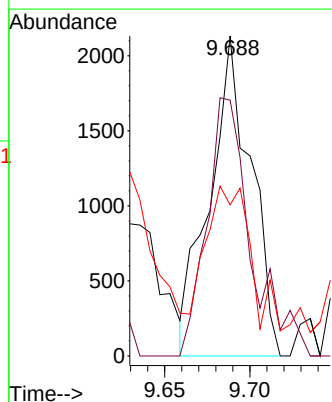
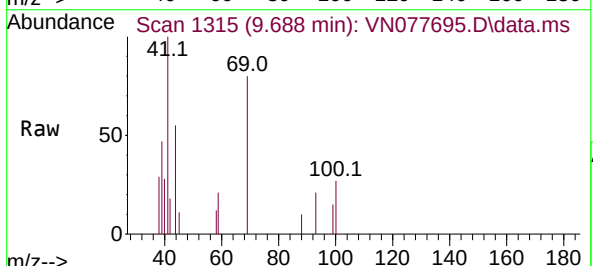
Manual Integrations
APPROVED

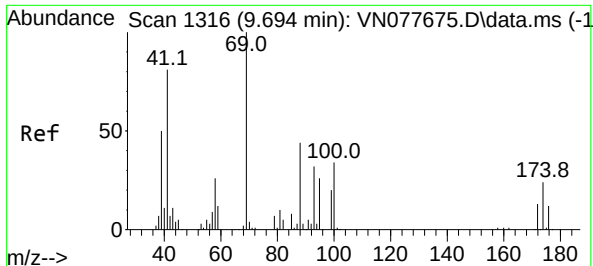
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#48
Methyl methacrylate
Concen: 0.785 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion: 41 Resp: 3594
Ion Ratio Lower Upper
41 100
69 86.2 90.4 135.6#
39 64.4 54.6 81.8





#49

1,4-Dioxane

Concen: 16.256 ug/l

RT: 9.700 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN077695.D

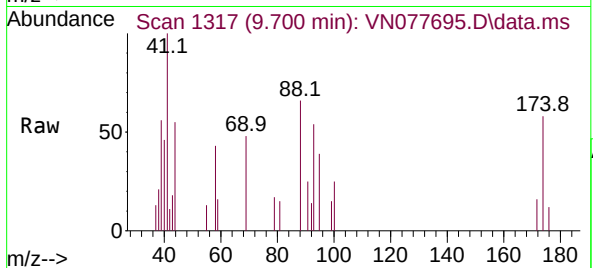
Acq: 16 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



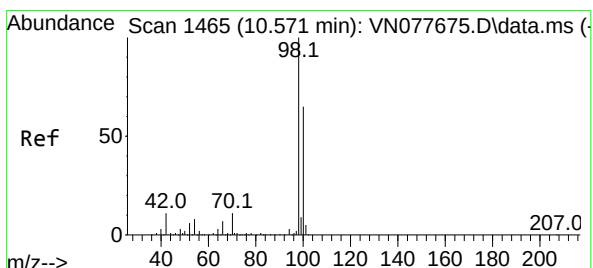
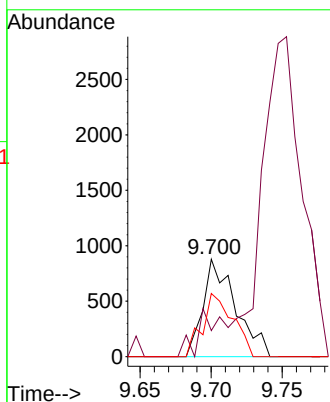
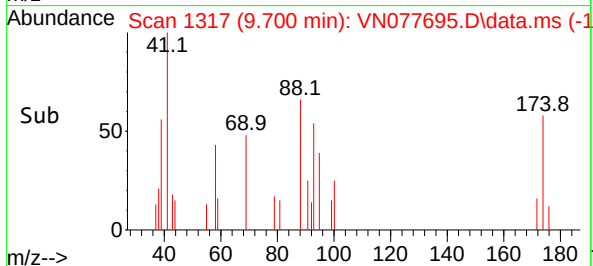
Tgt Ion:	88	Resp:	1400
Ion Ratio	Lower	Upper	
88	100		
43	37.2	17.0	25.6
58	60.4	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#50

Toluene-d8

Concen: 42.162 ug/l

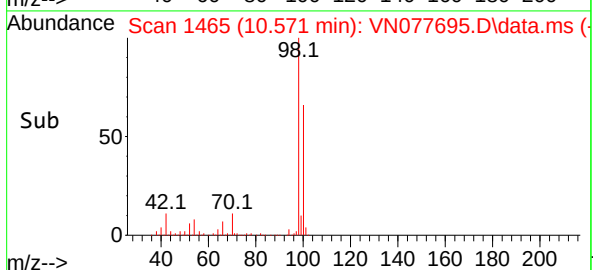
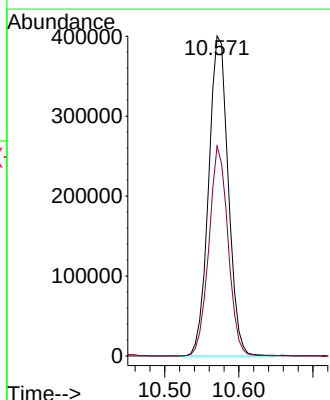
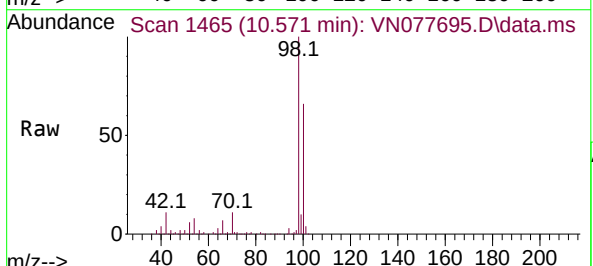
RT: 10.571 min Scan# 1465

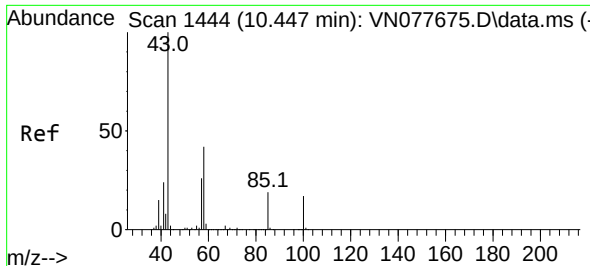
Delta R.T. -0.000 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

Tgt Ion:	98	Resp:	736081
Ion Ratio	Lower	Upper	
98	100		
100	64.0	52.0	78.0





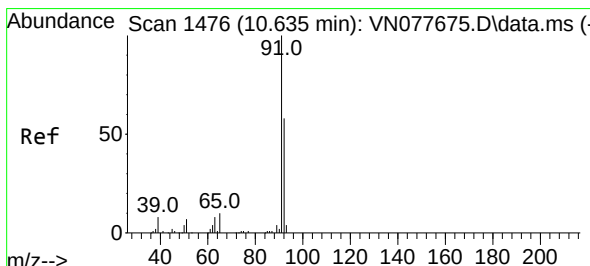
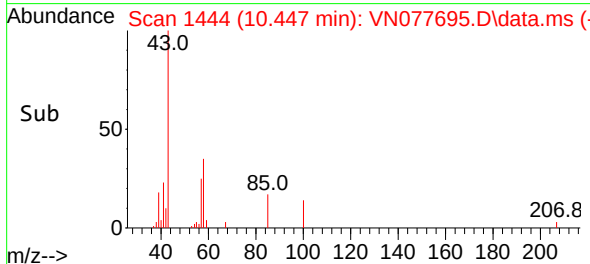
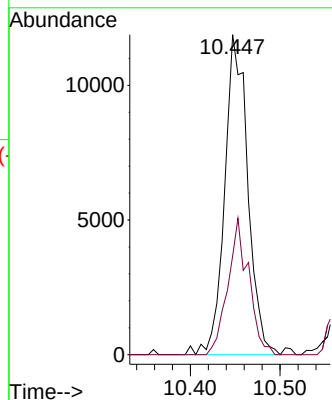
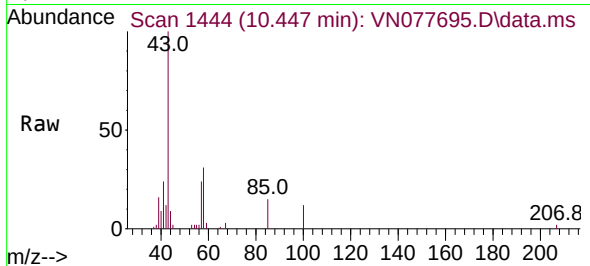
#51
4-Methyl-2-Pentanone
Concen: 3.705 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 43 Resp: 21268
Ion Ratio Lower Upper
43 100
58 38.4 36.6 54.8

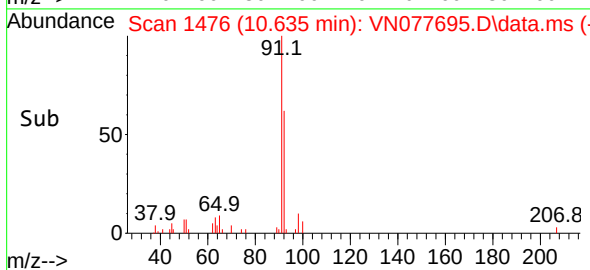
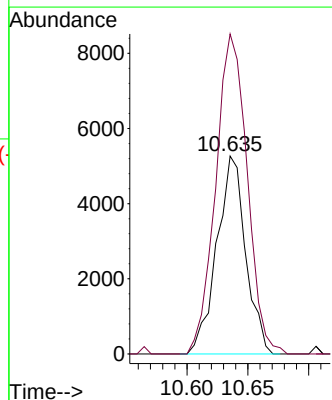
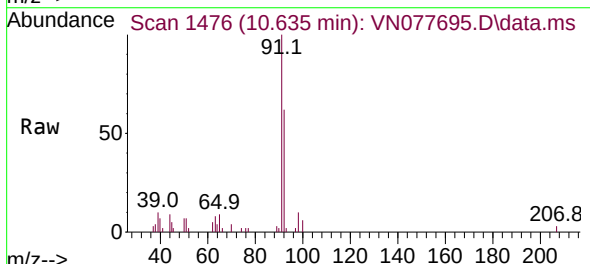
Manual Integrations
APPROVED

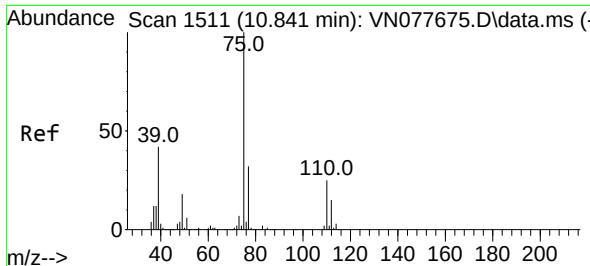
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#52
Toluene
Concen: 0.713 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

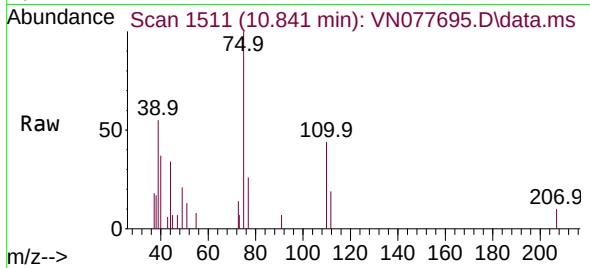
Tgt Ion: 92 Resp: 8695
Ion Ratio Lower Upper
92 100
91 176.4 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 0.584 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN077695.D
 Acq: 16 May 2023 16:14

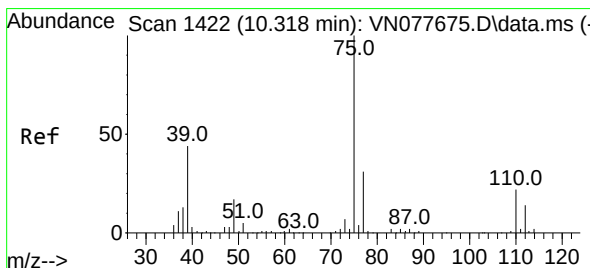
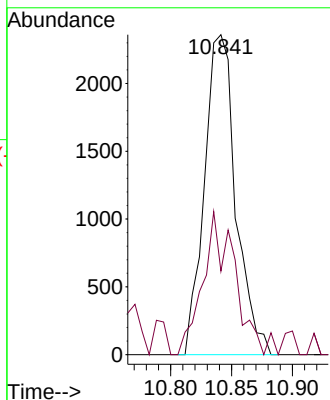
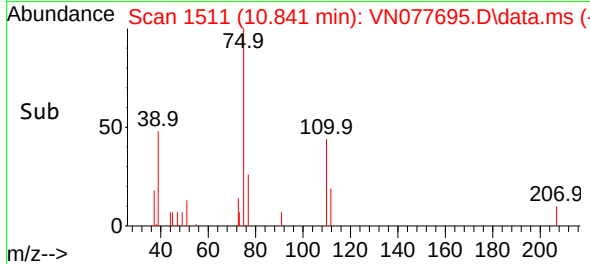
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 75 Resp: 423
 Ion Ratio Lower Upper
 75 100
 77 26.1 25.4 38.0

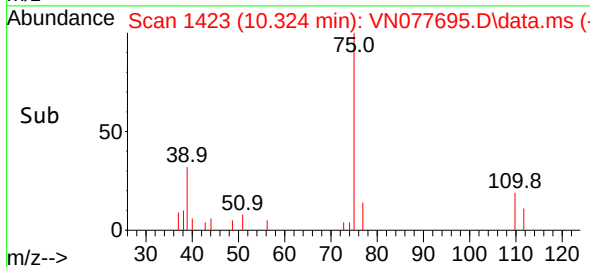
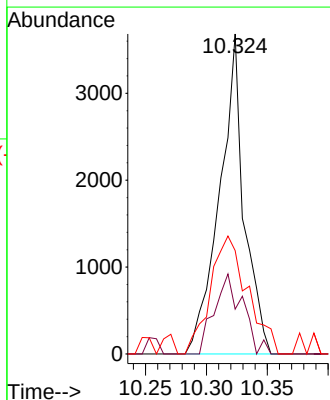
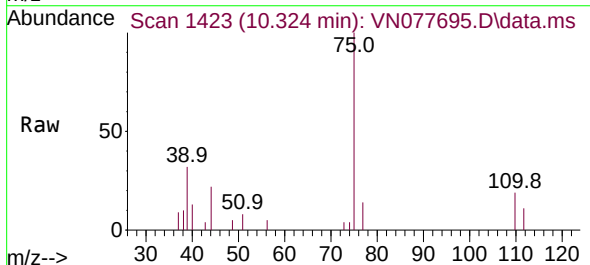
Manual Integrations
 APPROVED

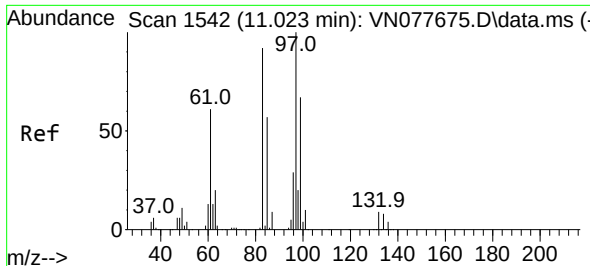
Reviewed By :John Carlone 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023



#54
 cis-1,3-Dichloropropene
 Concen: 0.648 ug/l
 RT: 10.324 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VN077695.D
 Acq: 16 May 2023 16:14

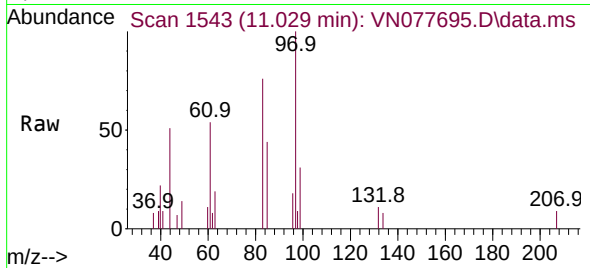
Tgt Ion: 75 Resp: 5174
 Ion Ratio Lower Upper
 75 100
 77 14.0 26.1 39.1#
 39 32.3 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 0.831 ug/l
RT: 11.029 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

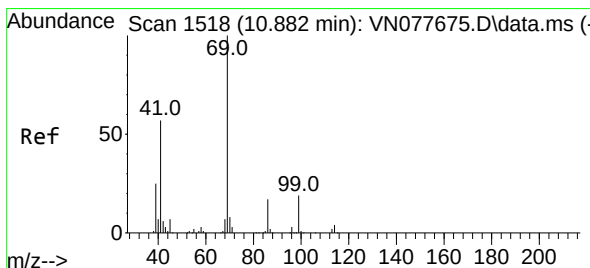
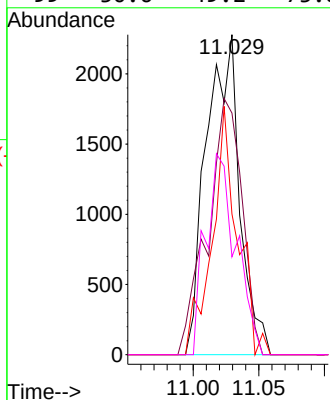
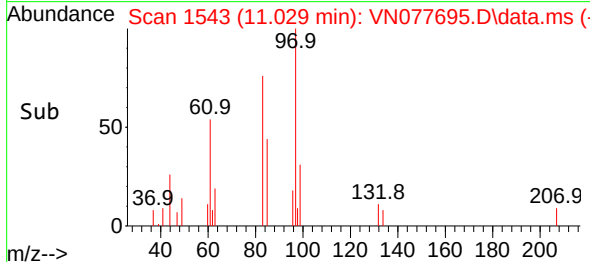
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



Tgt Ion	Ratio	Lower	Upper
97	100		
83	75.5	65.1	97.7
85	44.0	43.4	65.2
99	30.6	49.2	73.8

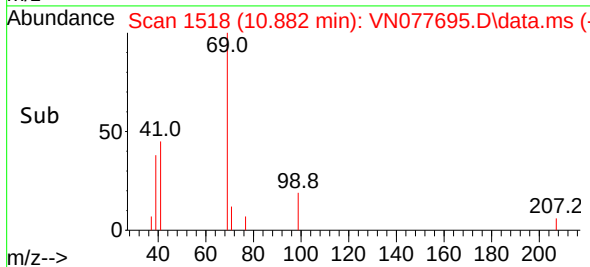
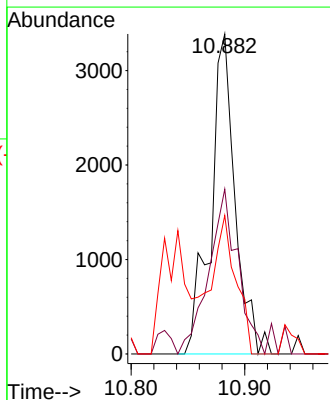
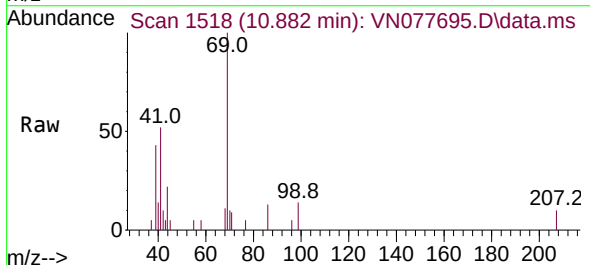
Manual Integrations
APPROVED

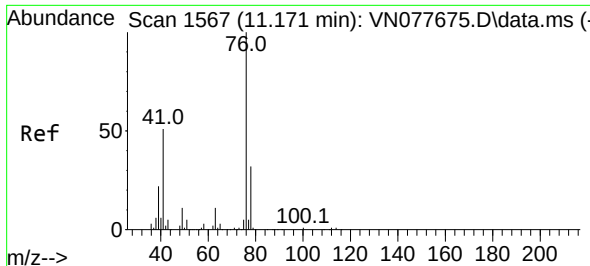
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#56
Ethyl methacrylate
Concen: 0.691 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.1	39.6	59.4
39	42.7	28.6	43.0





#57

1,3-Dichloropropane

Concen: 0.728 ug/l

RT: 11.176 min Scan# 1567

Delta R.T. 0.005 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 76 Resp: 6030

Ion Ratio Lower Upper

76 100

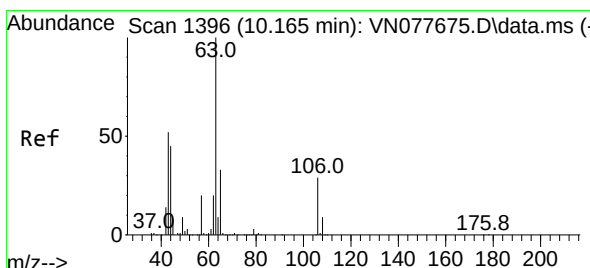
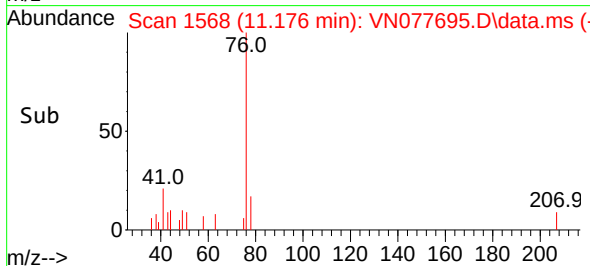
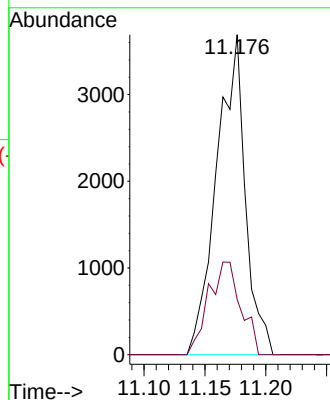
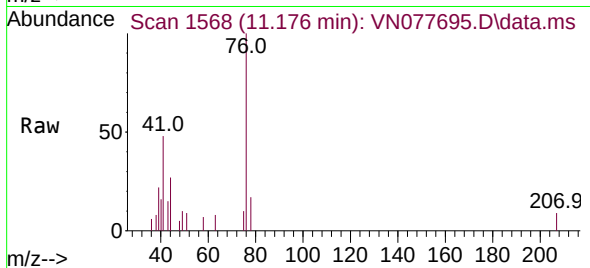
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 3.497 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077695.D

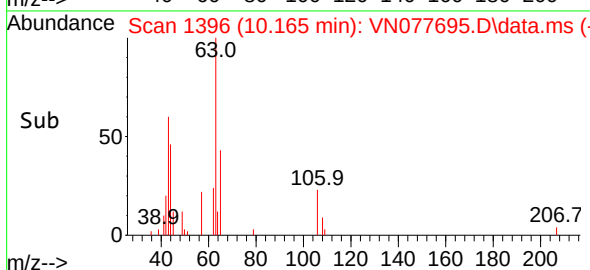
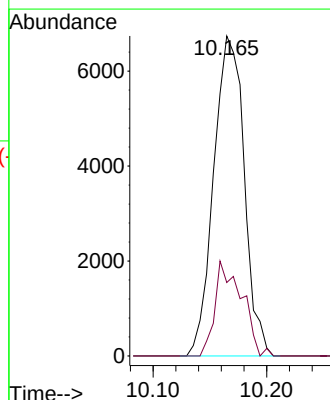
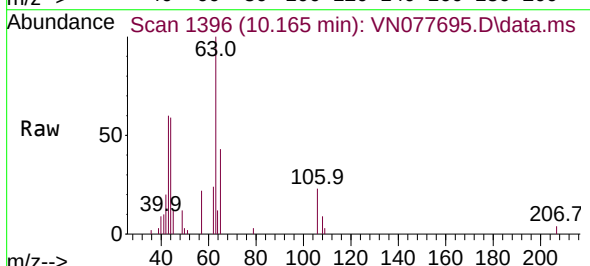
Acq: 16 May 2023 16:14

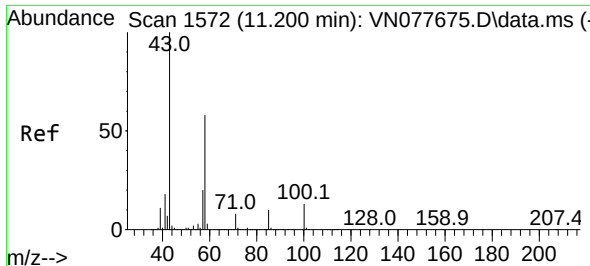
Tgt Ion: 63 Resp: 12589

Ion Ratio Lower Upper

63 100

106 26.1 26.2 39.4#





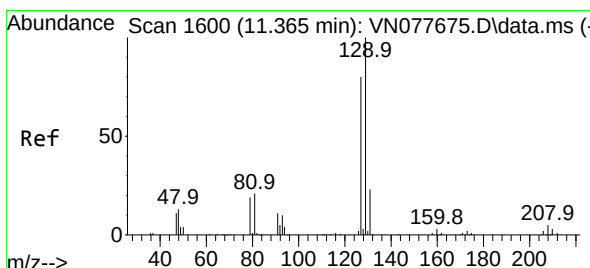
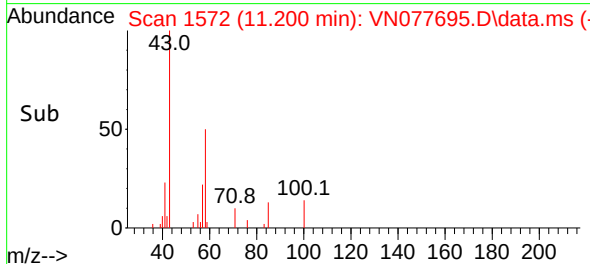
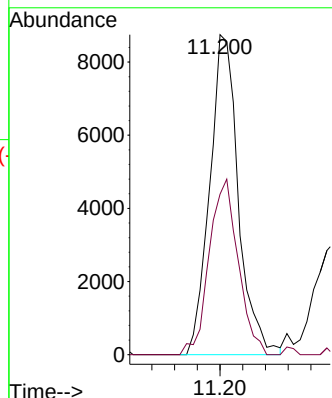
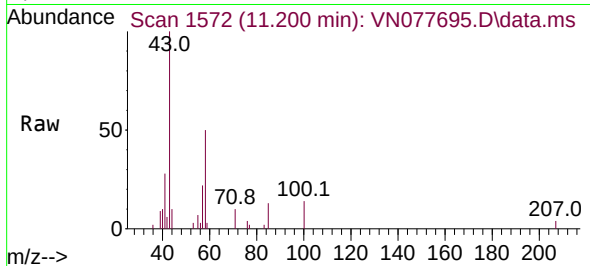
#59
2-Hexanone
Concen: 3.612 ug/l
RT: 11.200 min Scan# 1538
Delta R.T. 0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 43 Resp: 15338
Ion Ratio Lower Upper
43 100
58 55.4 31.7 95.1

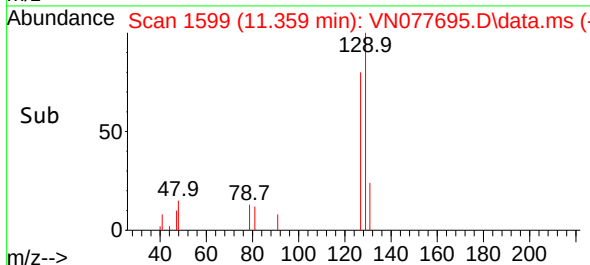
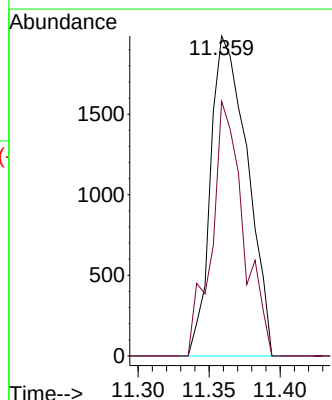
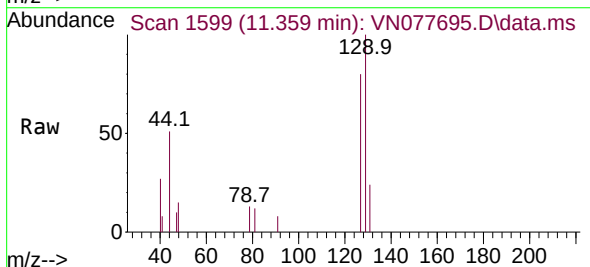
Manual Integrations
APPROVED

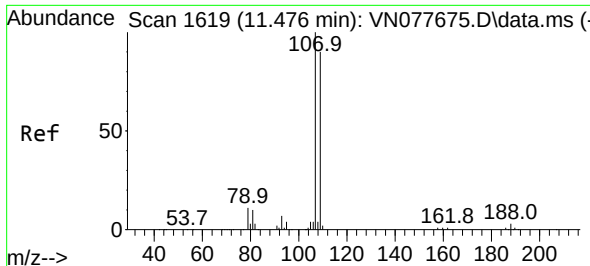
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#60
Dibromochloromethane
Concen: 0.714 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion:129 Resp: 3569
Ion Ratio Lower Upper
129 100
127 68.8 38.6 116.0





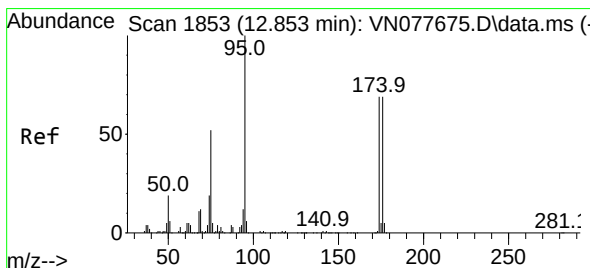
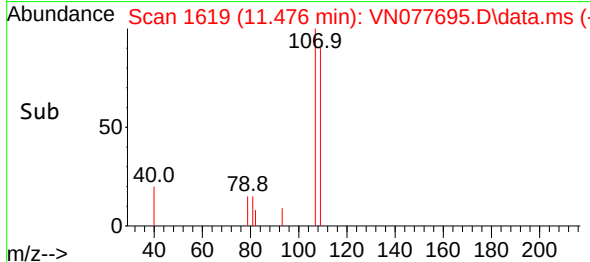
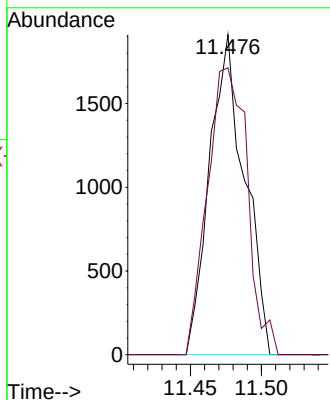
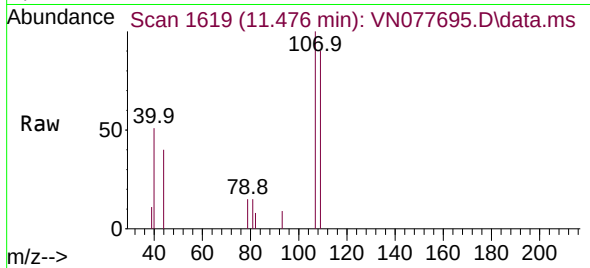
#61
1,2-Dibromoethane
Concen: 0.680 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:107 Resp: 3284
Ion Ratio Lower Upper
107 100
109 101.7 76.6 114.8

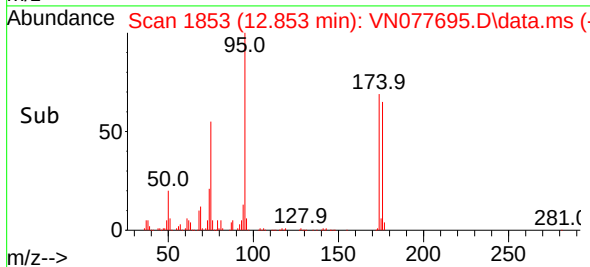
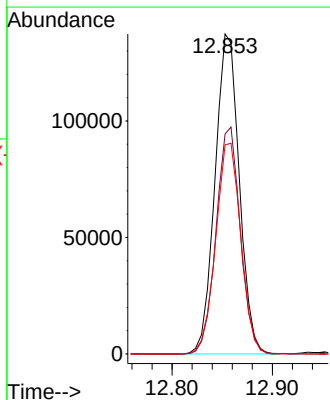
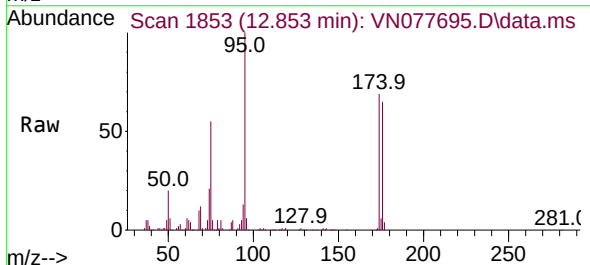
Manual Integrations
APPROVED

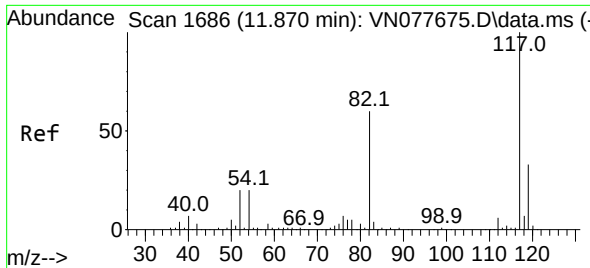
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#62
4-Bromofluorobenzene
Concen: 37.371 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

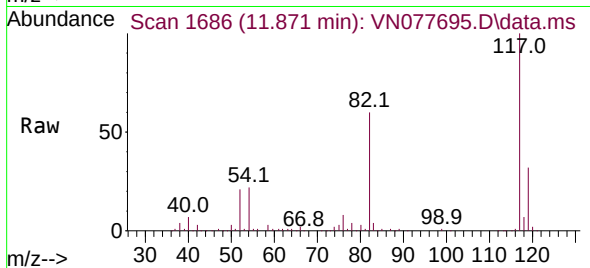
Tgt Ion: 95 Resp: 230426
Ion Ratio Lower Upper
95 100
174 70.8 0.0 143.8
176 68.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1186
Delta R.T. 0.001 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

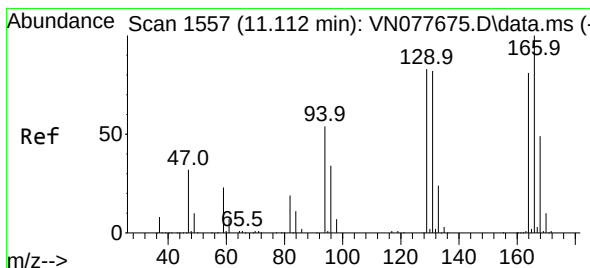
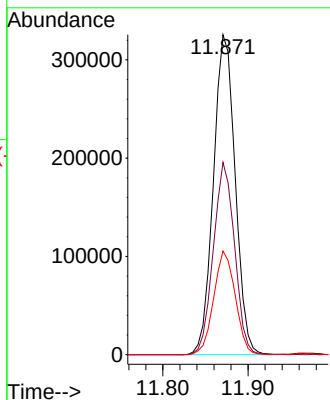
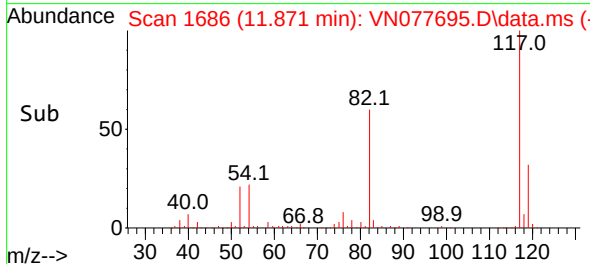
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion:117 Resp: 579490
Ion Ratio Lower Upper
117 100
82 60.1 44.0 66.0
119 32.4 25.6 38.4

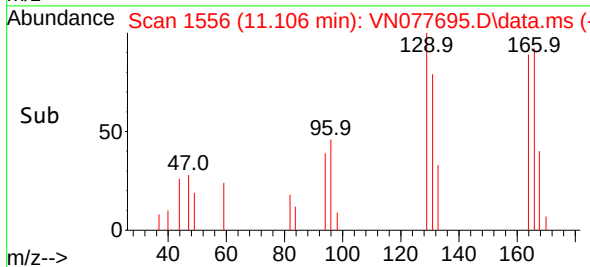
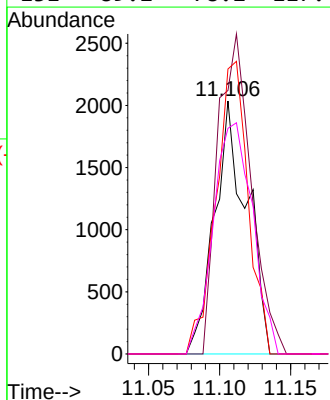
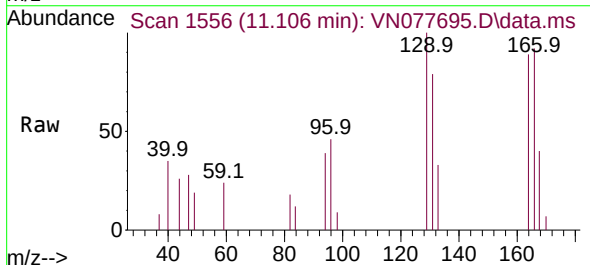
Manual Integrations
APPROVED

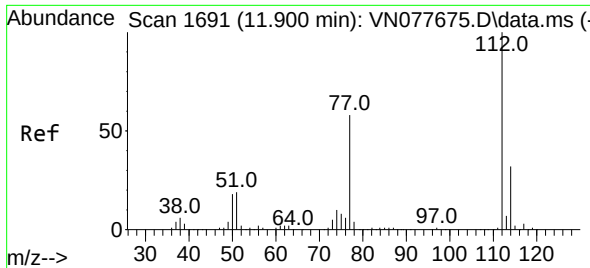
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#64
Tetrachloroethene
Concen: 0.795 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

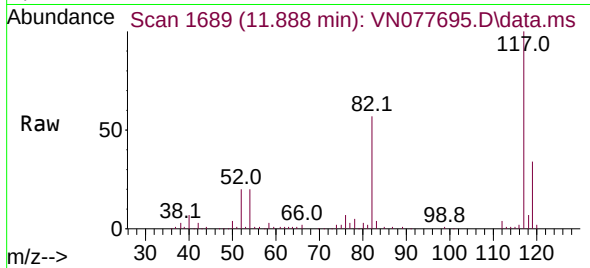
Tgt Ion:164 Resp: 3223
Ion Ratio Lower Upper
164 100
166 104.2 101.4 152.0
129 112.6 82.4 123.6
131 89.2 78.2 117.4





#65
Chlorobenzene
Concen: 0.776 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.012 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

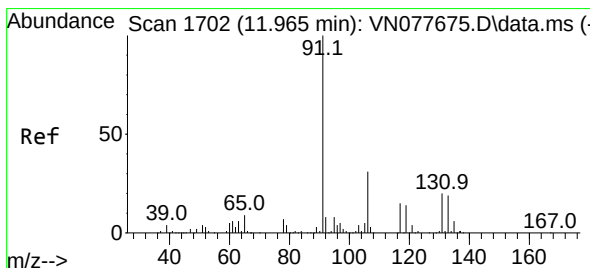
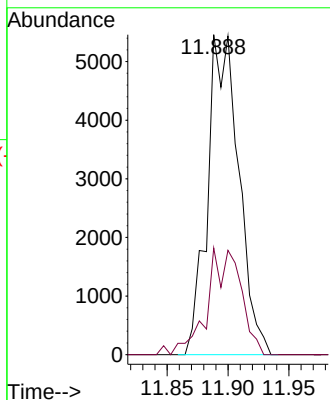
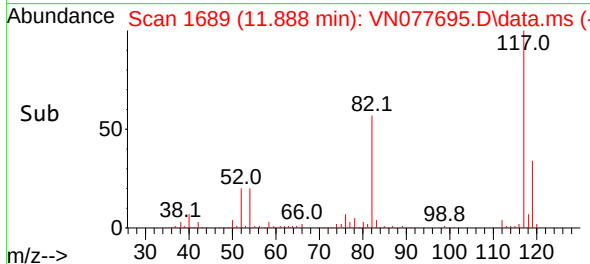
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion:112 Resp: 974
Ion Ratio Lower Upper
112 100
114 33.3 25.0 37.4

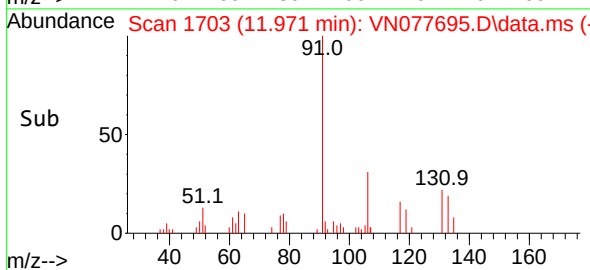
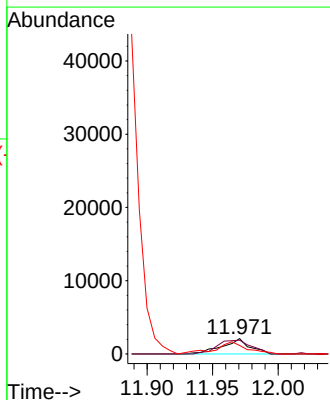
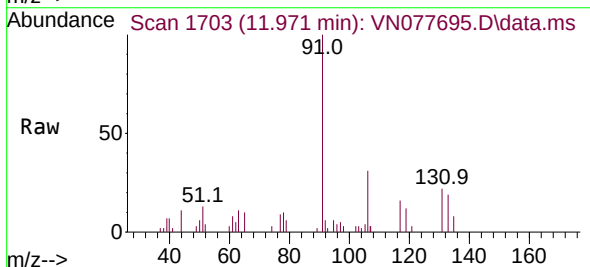
Manual Integrations
APPROVED

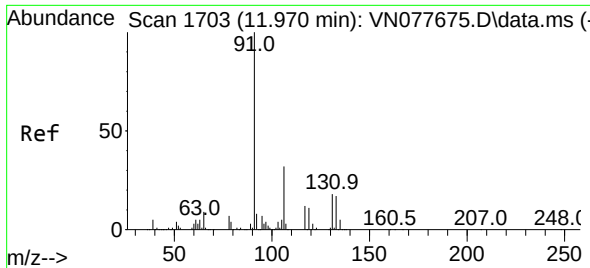
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 0.702 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

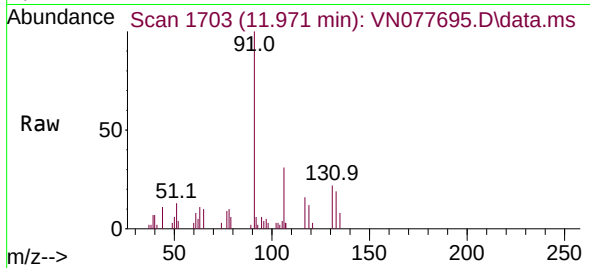
Tgt Ion:131 Resp: 3052
Ion Ratio Lower Upper
131 100
133 112.3 46.4 139.1
119 0.0 34.1 102.2#





#67
Ethyl Benzene
Concen: 0.756 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

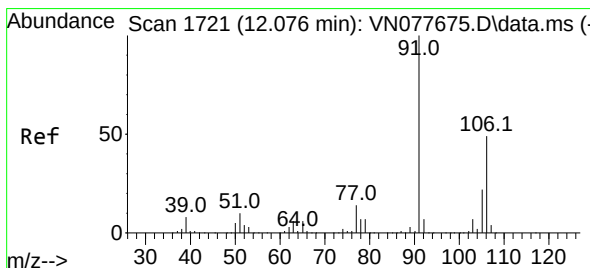
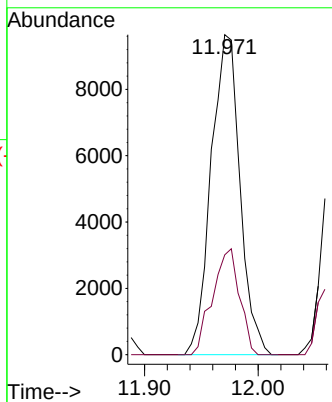
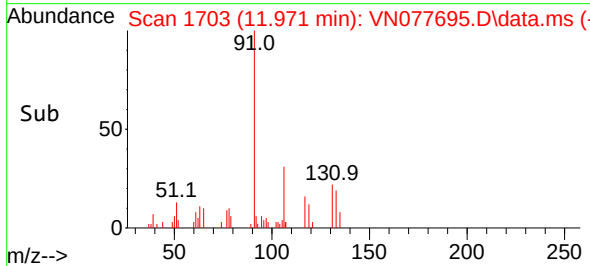
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



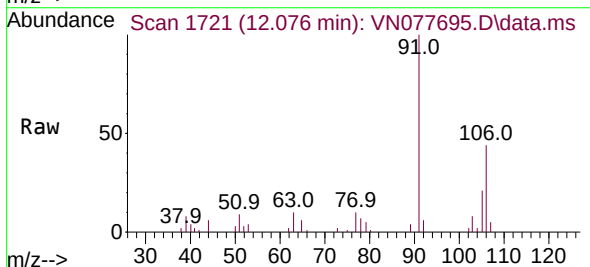
Tgt Ion: 91 Resp: 17010
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4

Manual Integrations
APPROVED

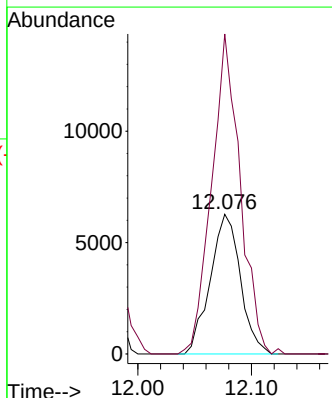
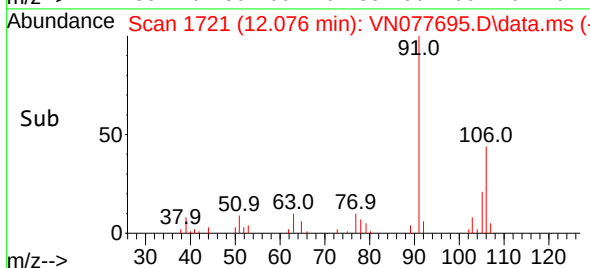
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

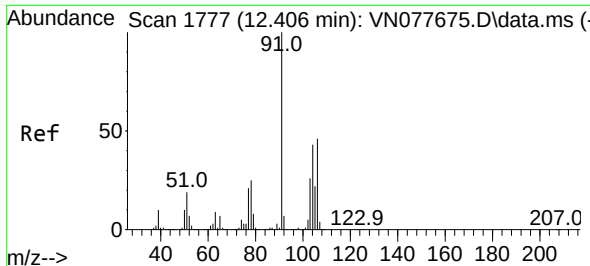


#68
m/p-Xylenes
Concen: 1.360 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14



Tgt Ion:106 Resp: 11599
Ion Ratio Lower Upper
106 100
91 216.3 159.6 239.4





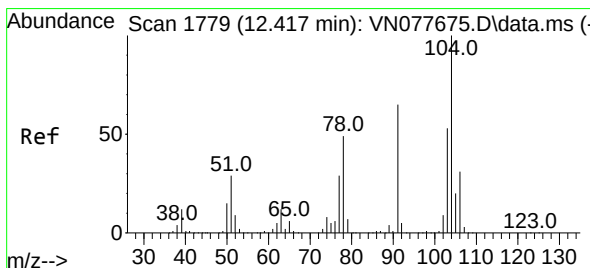
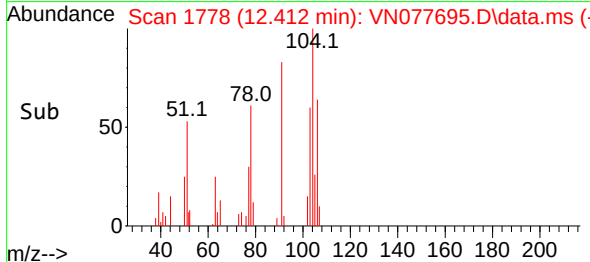
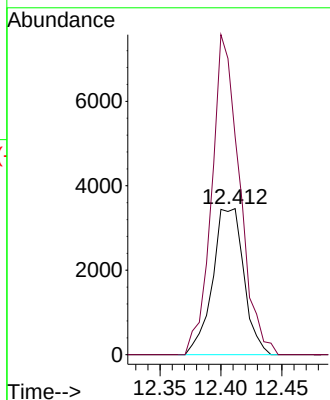
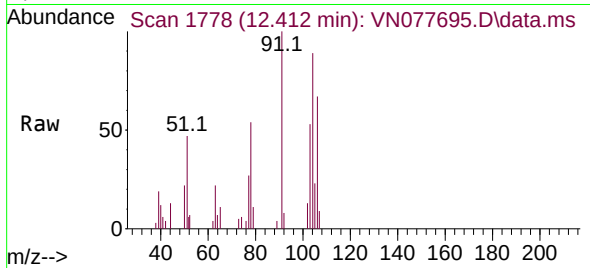
#69
o-Xylene
Concen: 0.737 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:106 Resp: 618
Ion Ratio Lower Upper
106 100
91 195.3 105.2 315.5

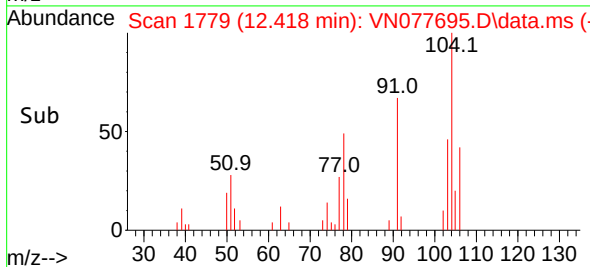
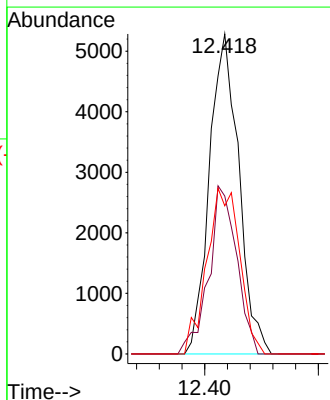
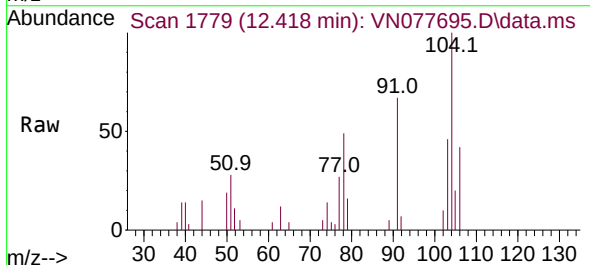
Manual Integrations
APPROVED

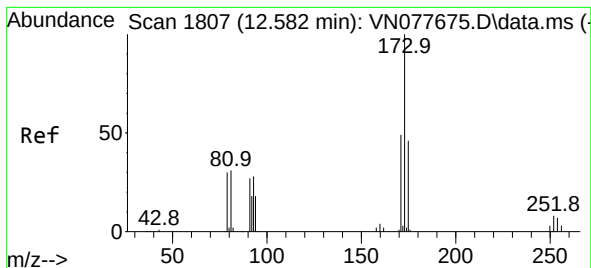
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#70
Styrene
Concen: 0.711 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion:104 Resp: 9479
Ion Ratio Lower Upper
104 100
78 49.8 39.5 59.3
103 58.0 43.2 64.8





#71

Bromoform

Concen: 0.697 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

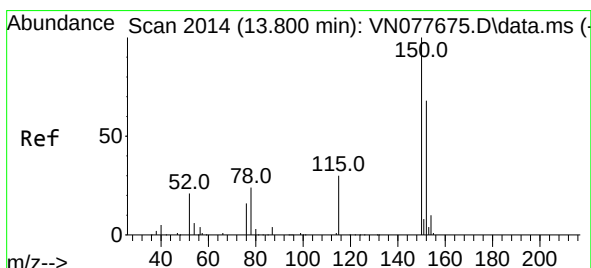
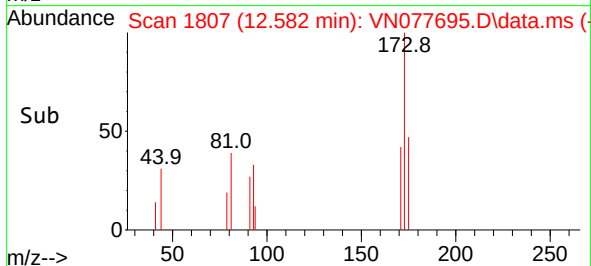
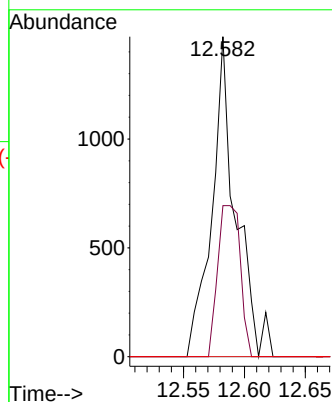
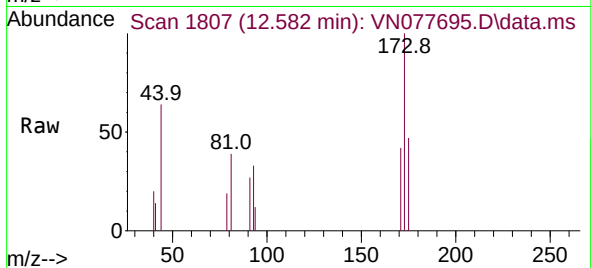
Tgt Ion:	173	Resp:	201
Ion Ratio	Lower	Upper	
173	100		
175	44.4	24.3	73.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

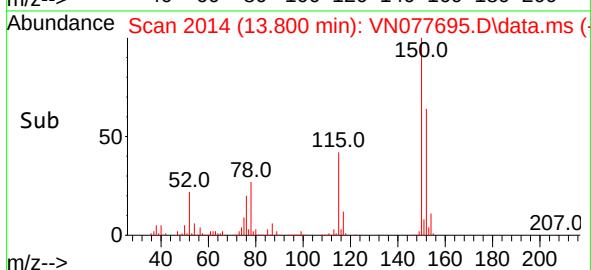
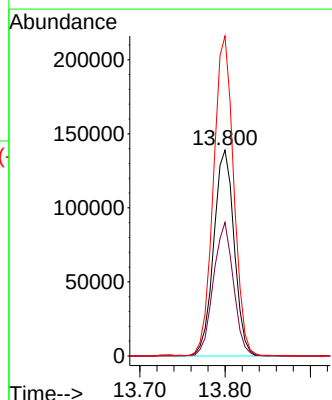
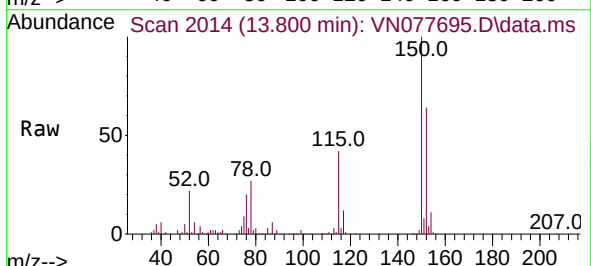
RT: 13.800 min Scan# 2014

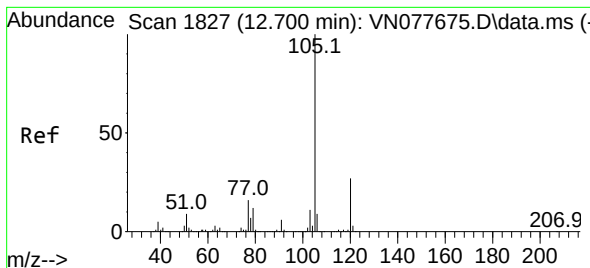
Delta R.T. -0.000 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

Tgt Ion:	152	Resp:	231646
Ion Ratio	Lower	Upper	
152	100		
115	63.5	32.3	96.8
150	154.1	0.0	355.8





#73

Isopropylbenzene

Concen: 0.772 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

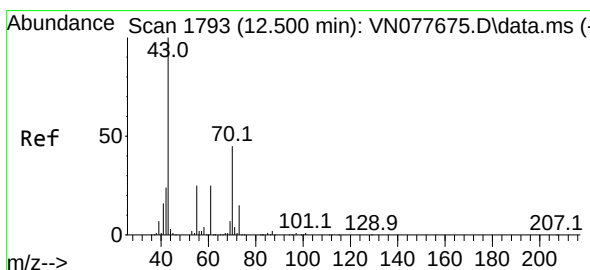
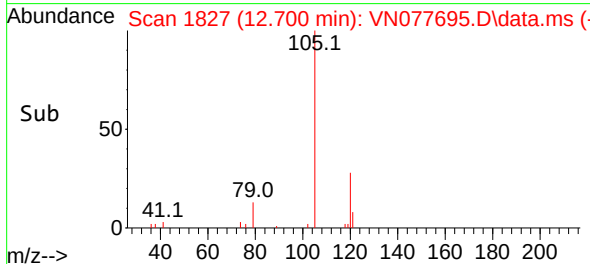
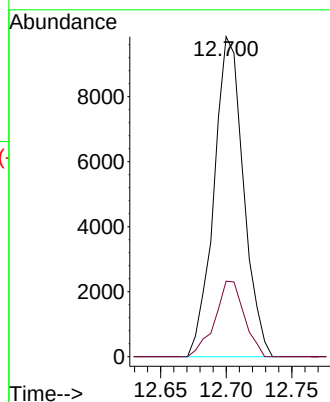
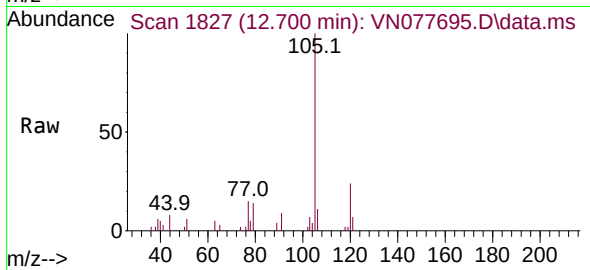
Tgt Ion:105 Resp: 1542
 Ion Ratio Lower Upper
 105 100
 120 23.4 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#74

N-ethyl acetate

Concen: 0.741 ug/l

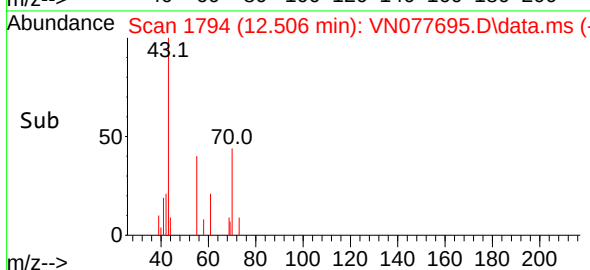
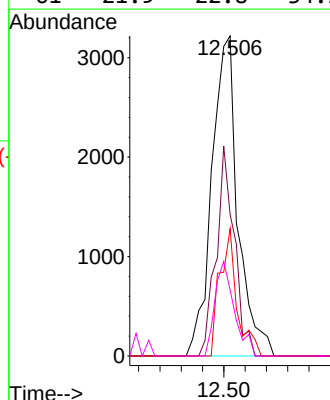
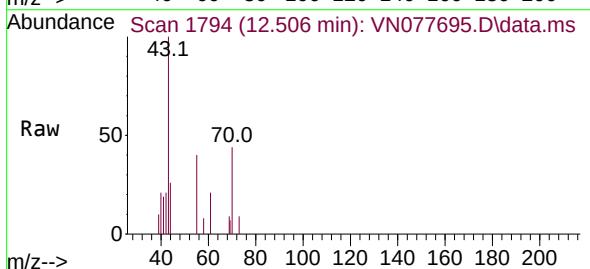
RT: 12.506 min Scan# 1794

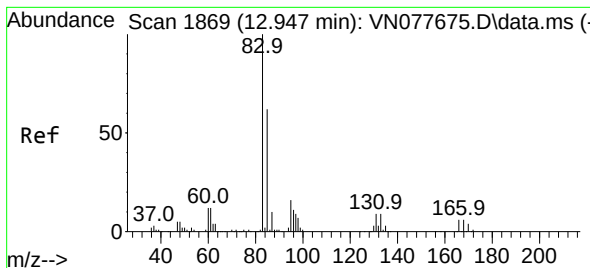
Delta R.T. 0.006 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

Tgt Ion: 43 Resp: 5468
 Ion Ratio Lower Upper
 43 100
 70 45.5 43.4 65.2
 55 26.2 21.4 32.0
 61 21.9 22.8 34.2#





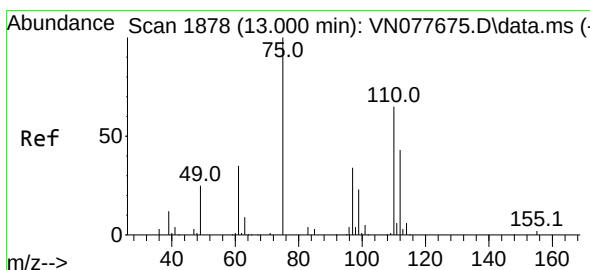
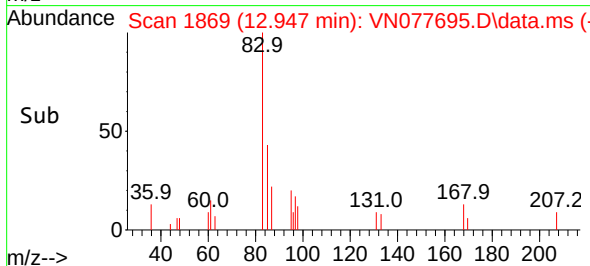
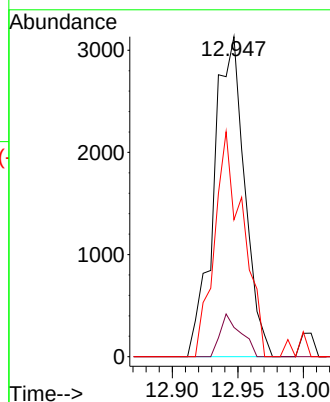
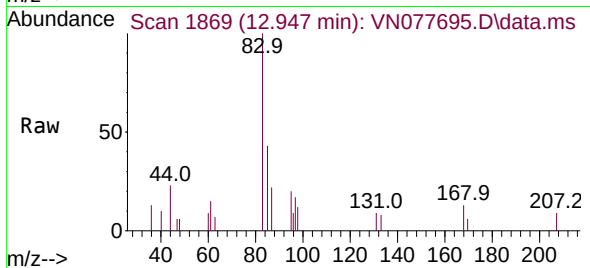
#75
1,1,2,2-Tetrachloroethane
Concen: 0.834 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 83 Resp: 512
Ion Ratio Lower Upper
83 100
131 8.9 5.0 15.0
85 64.8 31.9 95.7

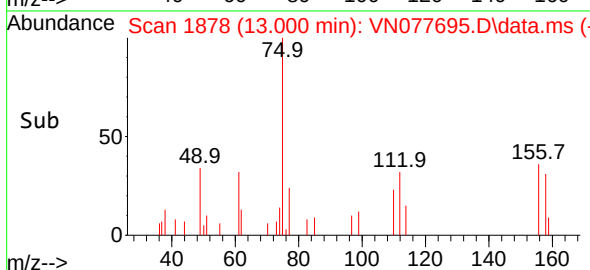
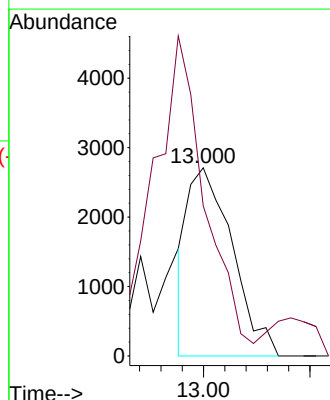
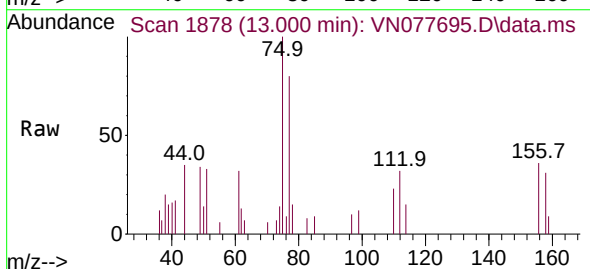
Manual Integrations
APPROVED

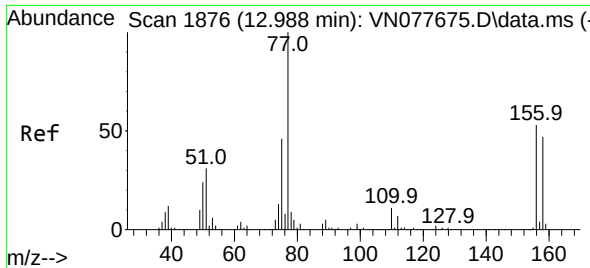
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#76
1,2,3-Trichloropropane
Concen: 0.679 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

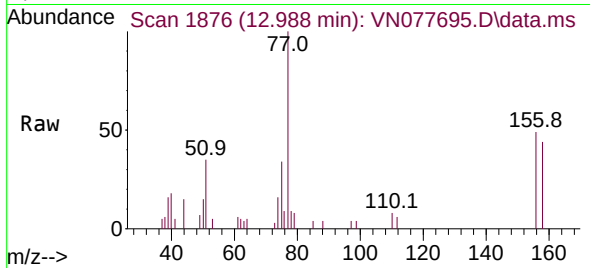
Tgt Ion: 75 Resp: 3940
Ion Ratio Lower Upper
75 100
77 203.3 84.5 253.5





#77
Bromobenzene
Concen: 0.796 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

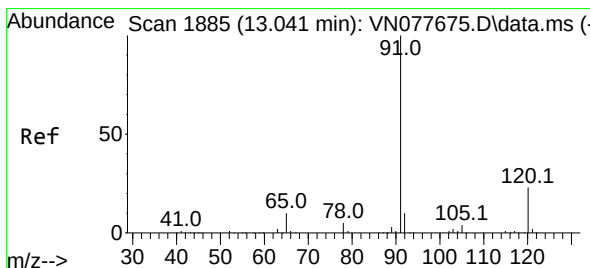
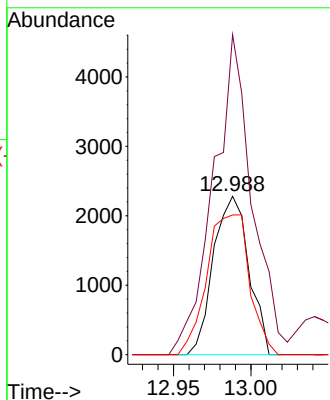
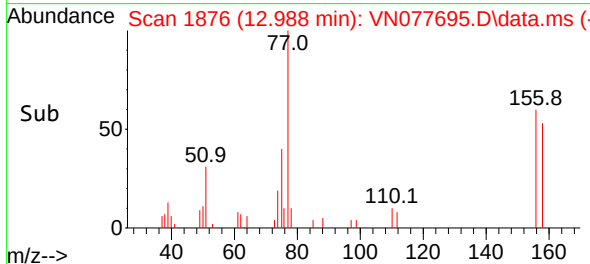
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



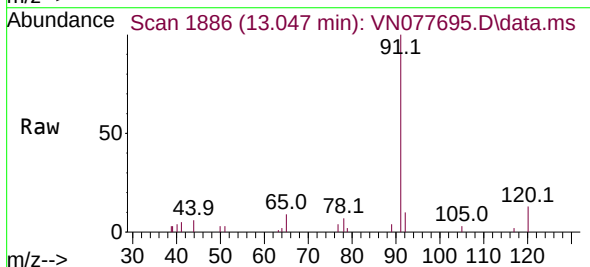
Tgt Ion: 156 Resp: 3628
Ion Ratio Lower Upper
156 100
77 220.8 107.7 323.3
158 106.4 48.4 145.3

Manual Integrations
APPROVED

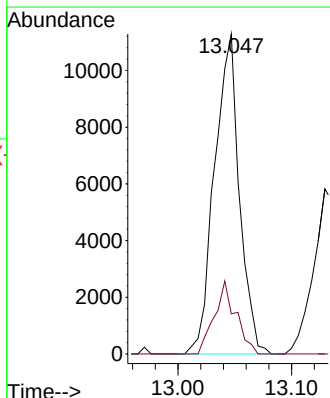
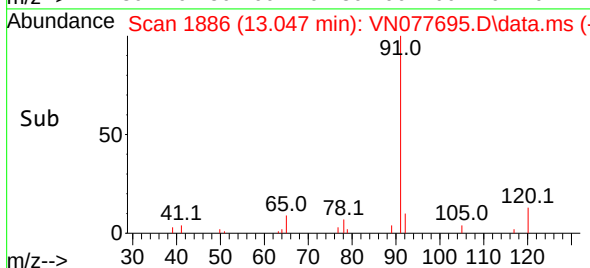
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

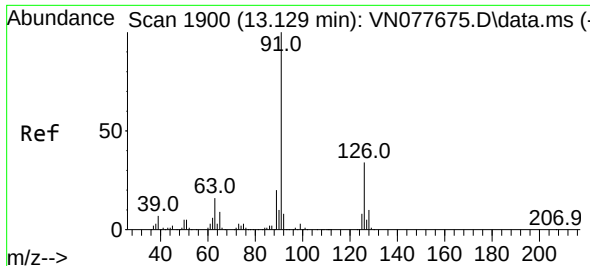


#78
n-propylbenzene
Concen: 0.730 ug/l
RT: 13.047 min Scan# 1886
Delta R.T. 0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14



Tgt Ion: 91 Resp: 17186
Ion Ratio Lower Upper
91 100
120 19.6 11.5 34.4





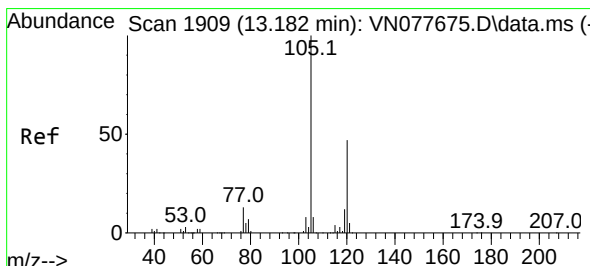
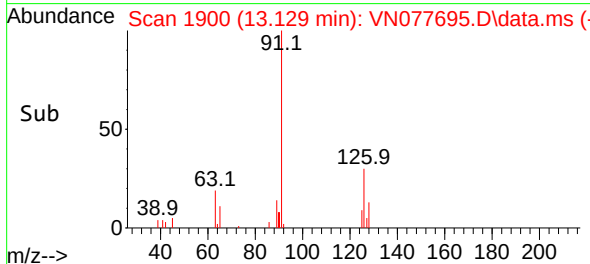
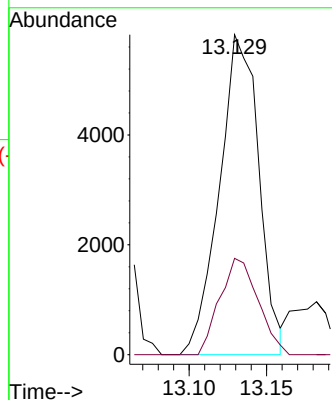
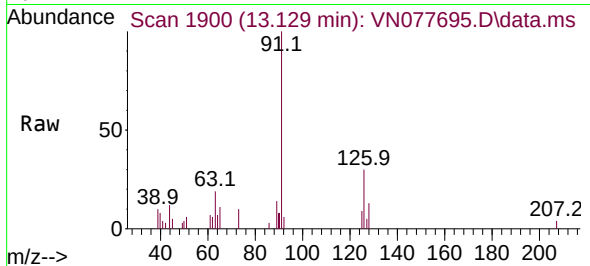
#79
2-Chlorotoluene
Concen: 0.733 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 91 Resp: 10299
Ion Ratio Lower Upper
91 100
126 29.2 16.3 48.8

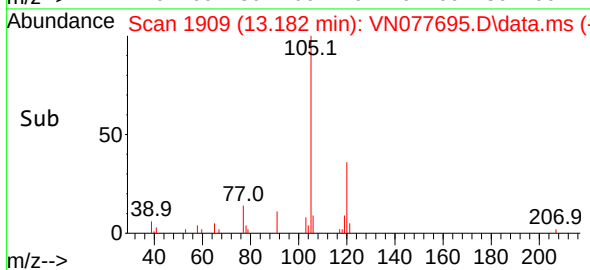
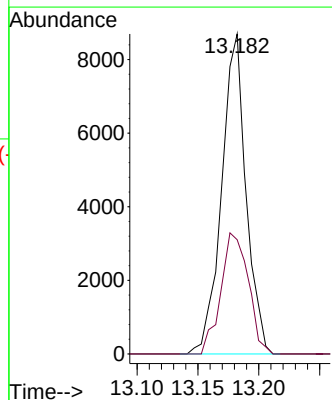
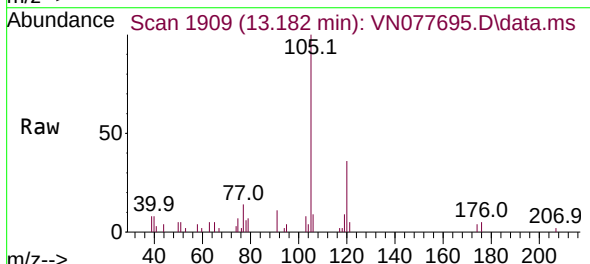
Manual Integrations
APPROVED

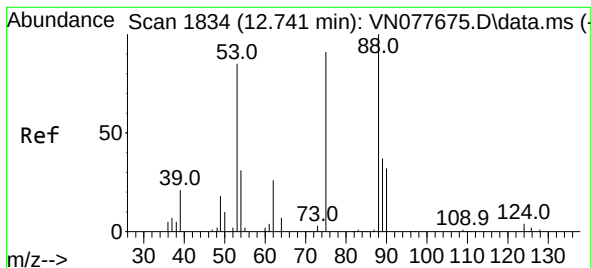
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 0.723 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

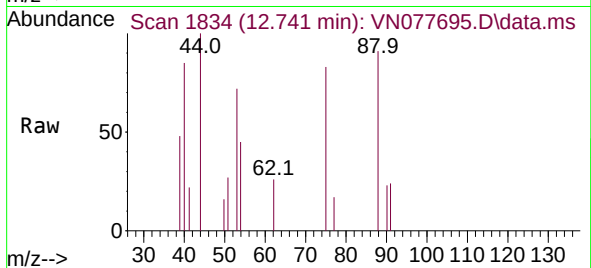
Tgt Ion:105 Resp: 12129
Ion Ratio Lower Upper
105 100
120 42.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 0.616 ug/l m
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

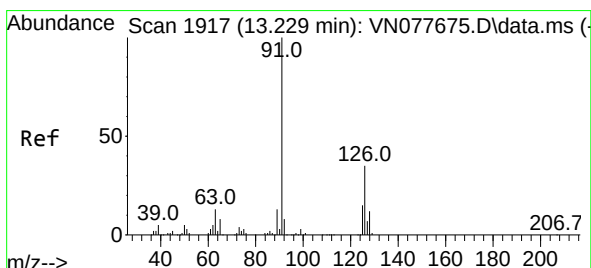
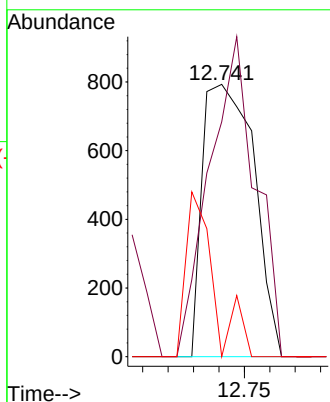
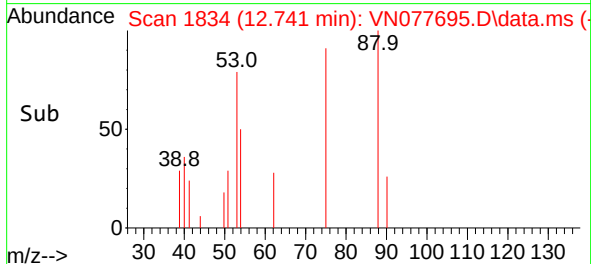
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



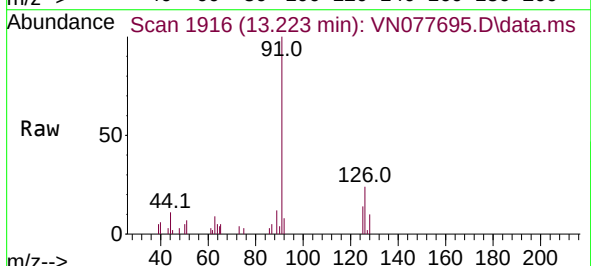
Tgt Ion: 75 Resp: 1118
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2
89 0.0 38.8 58.2

Manual Integrations
APPROVED

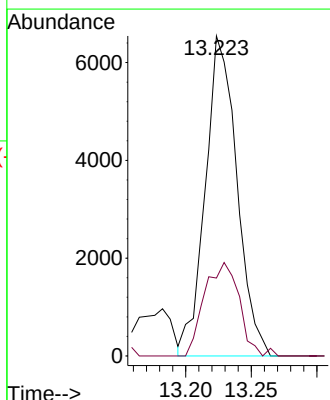
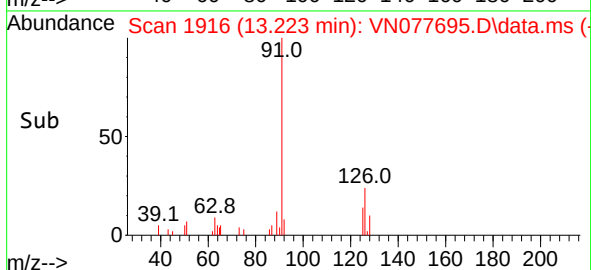
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

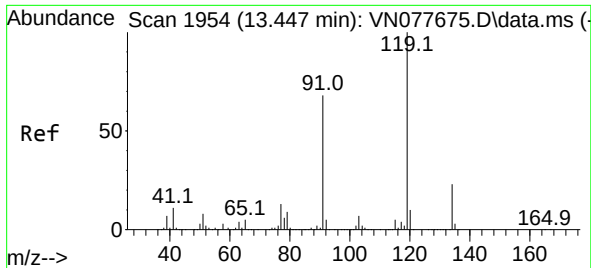


#82
4-Chlorotoluene
Concen: 0.785 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14



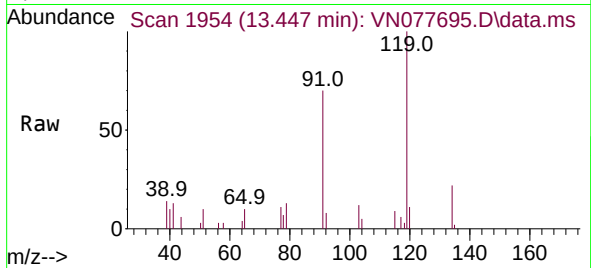
Tgt Ion: 91 Resp: 10965
Ion Ratio Lower Upper
91 100
126 32.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 0.709 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

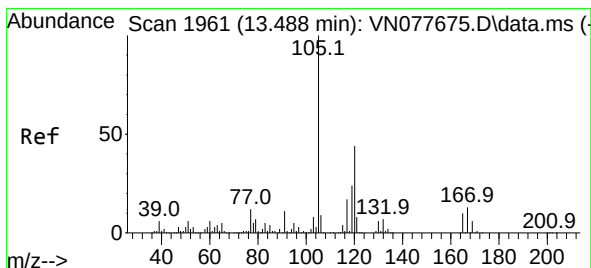
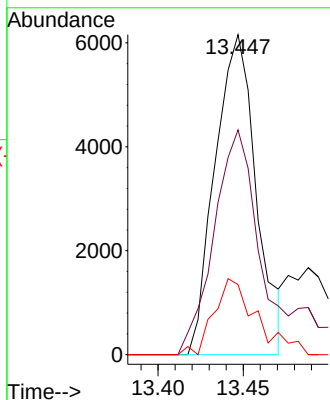
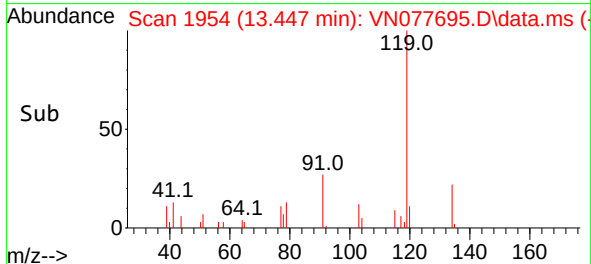
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



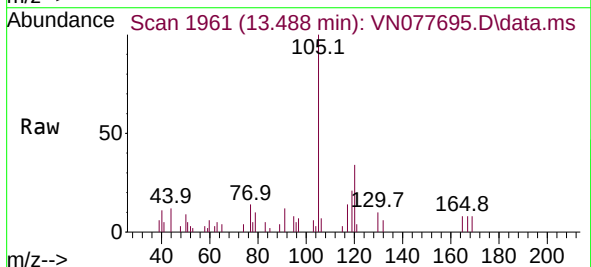
Tgt Ion:119 Resp: 10385
Ion Ratio Lower Upper
119 100
91 86.7 33.9 101.7
134 24.7 13.2 39.6

Manual Integrations
APPROVED

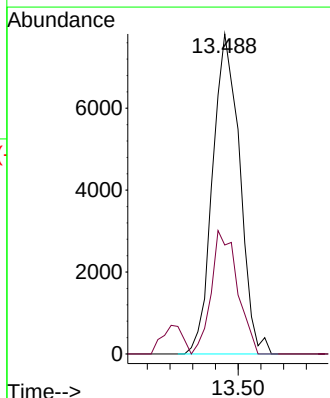
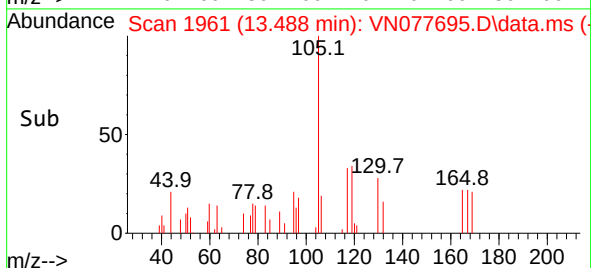
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

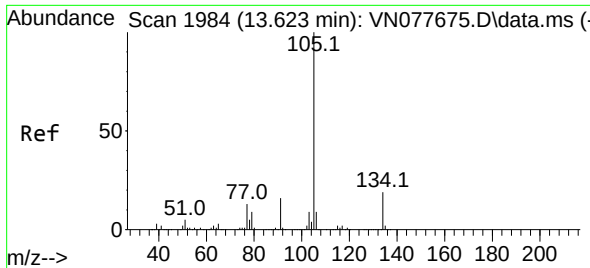


#84
1,2,4-Trimethylbenzene
Concen: 0.782 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14



Tgt Ion:105 Resp: 12915
Ion Ratio Lower Upper
105 100
120 37.3 22.0 66.0





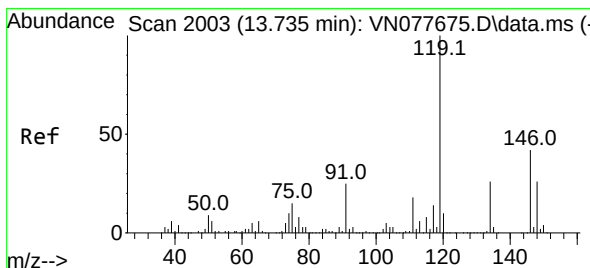
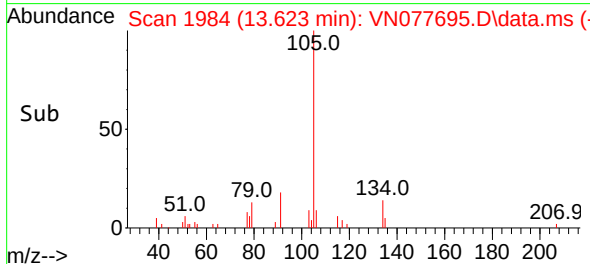
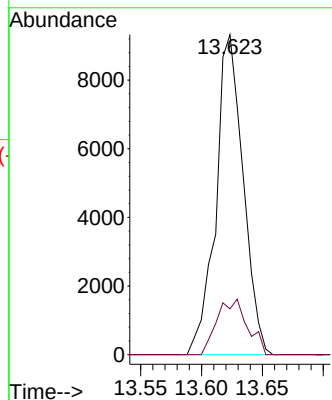
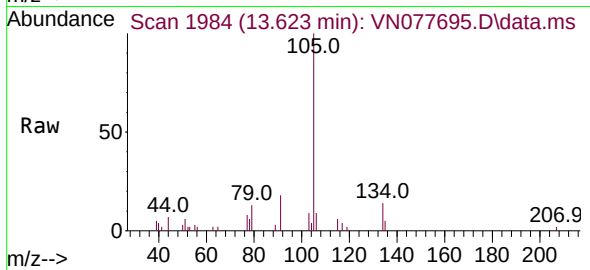
#85
 sec-Butylbenzene
 Concen: 0.698 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077695.D
 Acq: 16 May 2023 16:14

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Tgt Ion:105 Resp: 14520
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

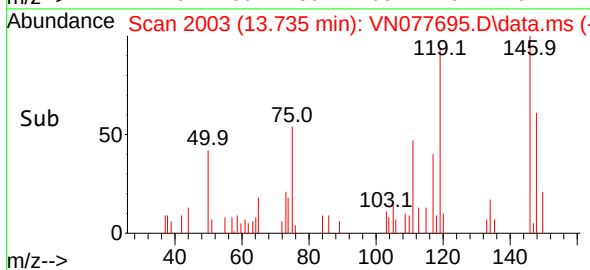
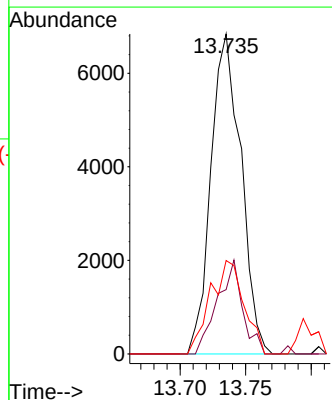
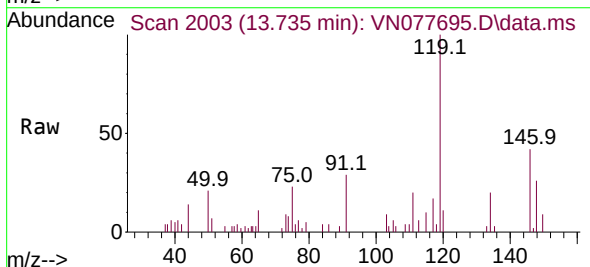
Manual Integrations
 APPROVED

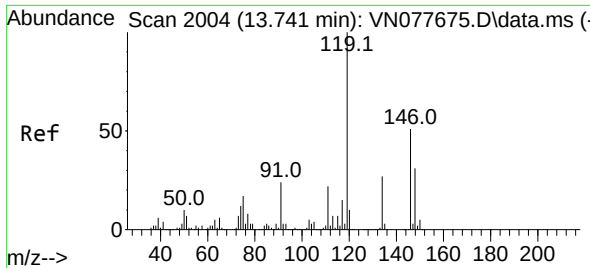
Reviewed By :John Carlone 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023



#86
 p-Isopropyltoluene
 Concen: 0.657 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077695.D
 Acq: 16 May 2023 16:14

Tgt Ion:119 Resp: 10902
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.6 37.8
 91 32.7 12.4 37.2





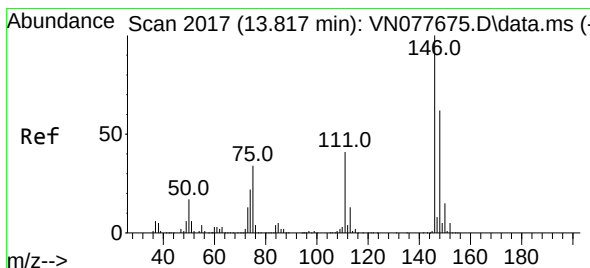
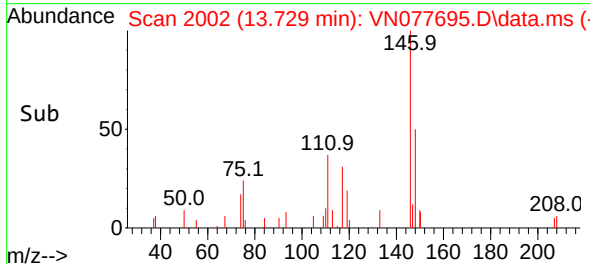
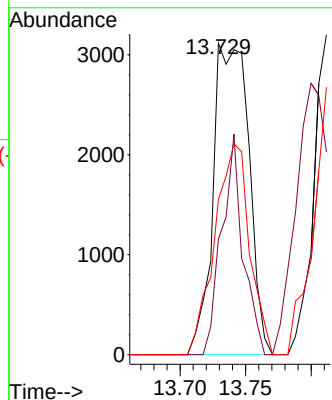
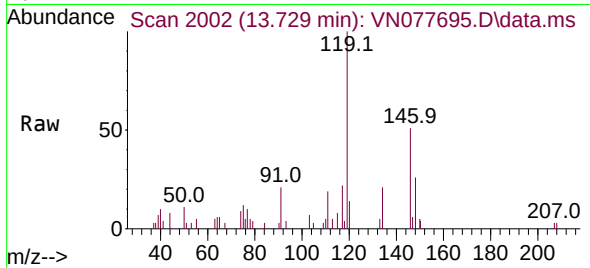
#87
 1,3-Dichlorobenzene
 Concen: 0.700 ug/l
 RT: 13.729 min Scan# 2004
 Delta R.T. -0.012 min
 Lab File: VN077695.D
 Acq: 16 May 2023 16:14

Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT2-2023

Tgt Ion:146 Resp: 590
 Ion Ratio Lower Upper
 146 100
 111 42.1 22.1 66.3
 148 66.0 32.0 96.0

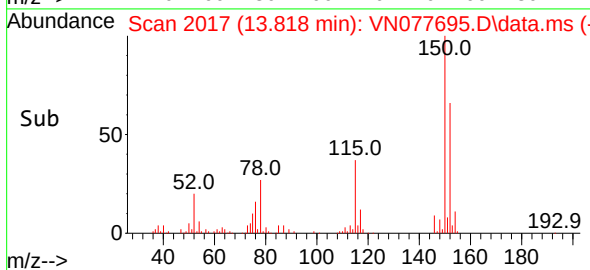
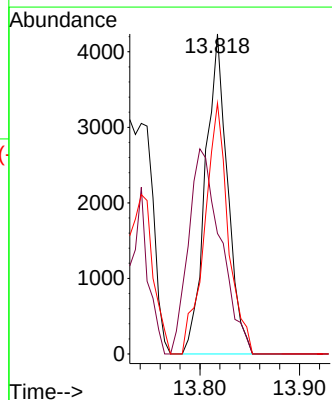
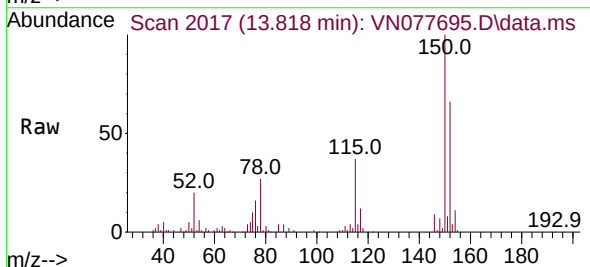
Manual Integrations
 APPROVED

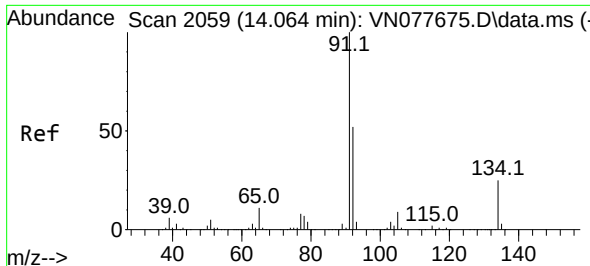
Reviewed By :John Carlone 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023



#88
 1,4-Dichlorobenzene
 Concen: 0.783 ug/l m
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.001 min
 Lab File: VN077695.D
 Acq: 16 May 2023 16:14

Tgt Ion:146 Resp: 6551
 Ion Ratio Lower Upper
 146 100
 111 37.9 20.6 61.8
 148 59.5 31.6 94.8





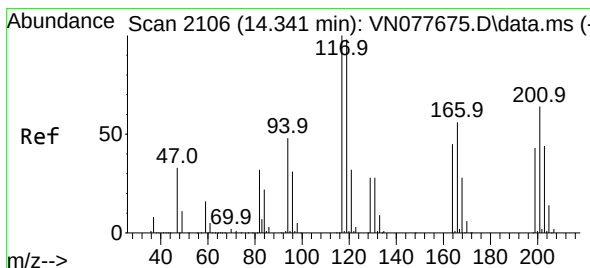
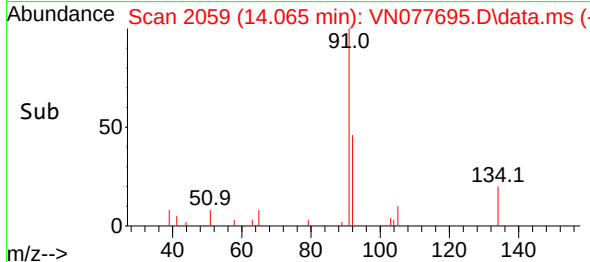
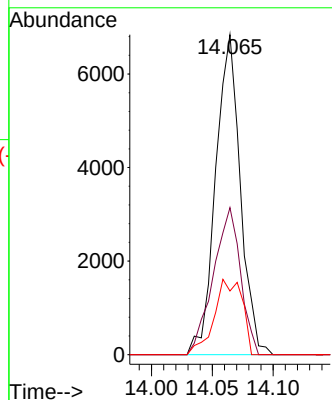
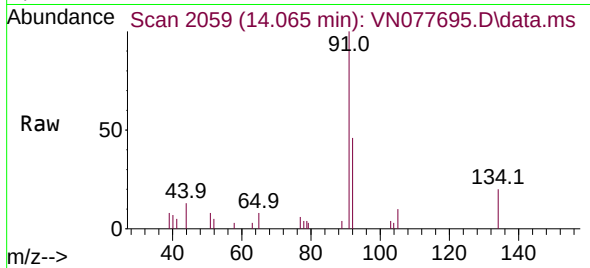
#89
n-Butylbenzene
Concen: 0.632 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.001 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 91 Resp: 9650
Ion Ratio Lower Upper
91 100
92 50.6 26.4 79.0
134 26.7 12.6 37.6

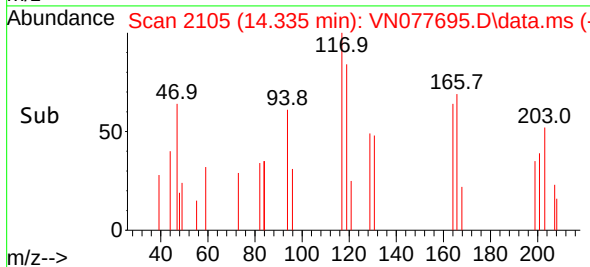
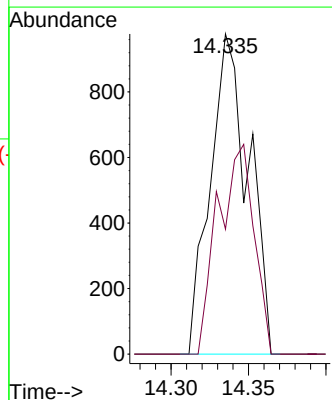
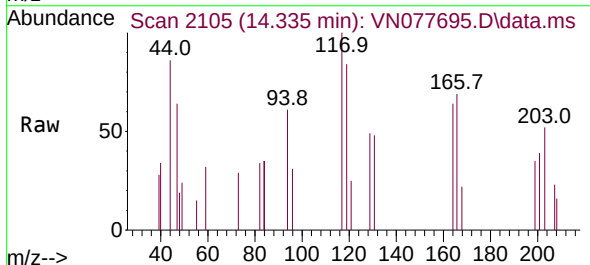
Manual Integrations
APPROVED

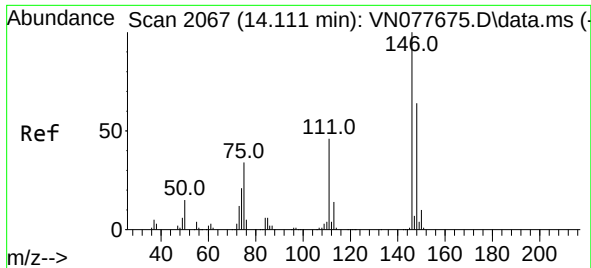
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#90
Hexachloroethane
Concen: 0.617 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion:117 Resp: 1682
Ion Ratio Lower Upper
117 100
201 61.4 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 0.860 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.001 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

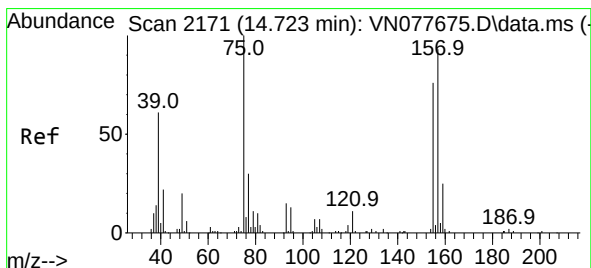
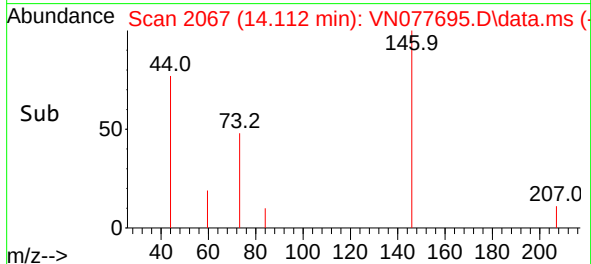
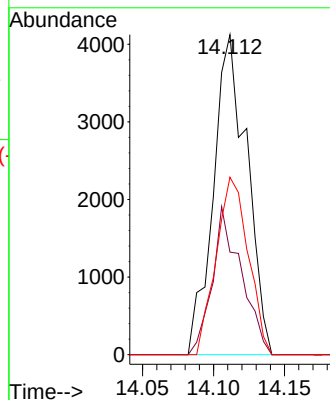
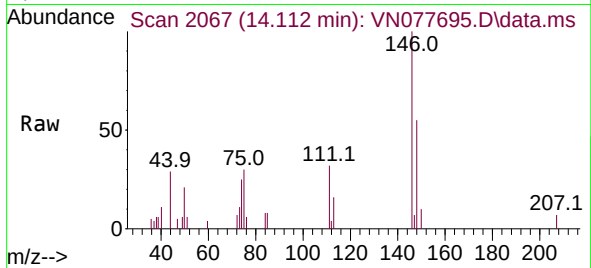
Tgt Ion:	146	Resp:	677
Ion Ratio	Lower	Upper	
146	100		
111	39.8	22.0	66.0
148	53.1	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.781 ug/l

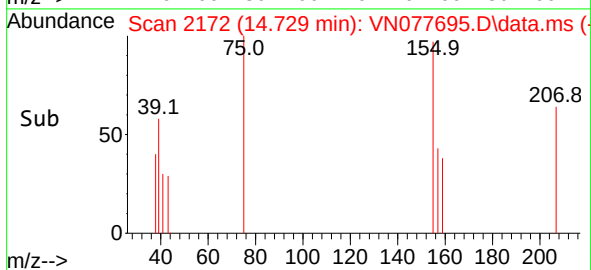
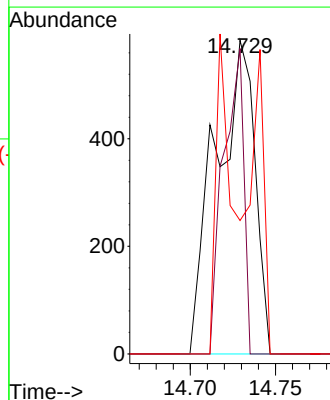
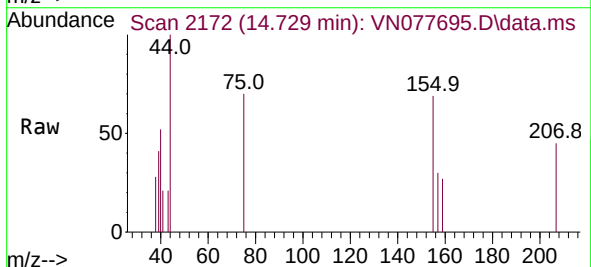
RT: 14.729 min Scan# 2172

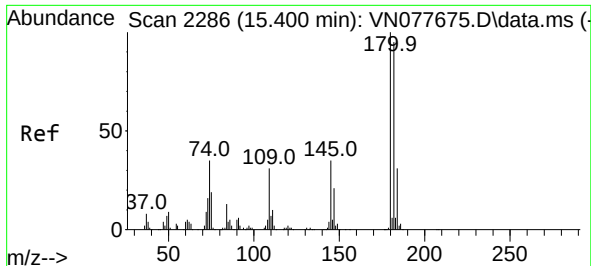
Delta R.T. 0.006 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

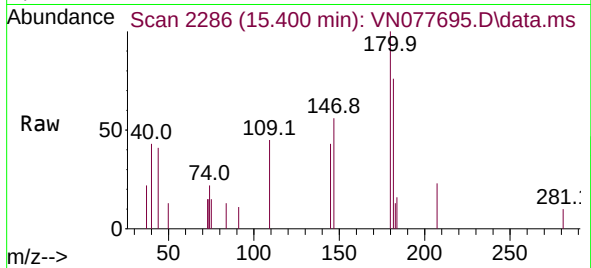
Tgt Ion:	75	Resp:	929
Ion Ratio	Lower	Upper	
75	100		
155	50.6	39.1	117.2
157	32.1	50.3	150.9





#93
1,2,4-Trichlorobenzene
Concen: 0.594 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

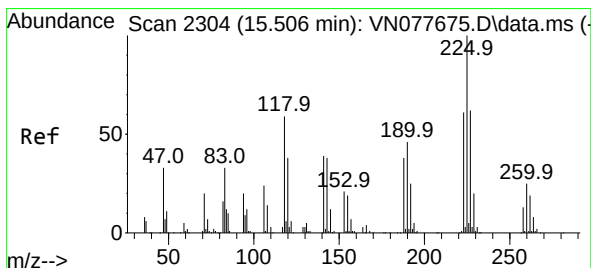
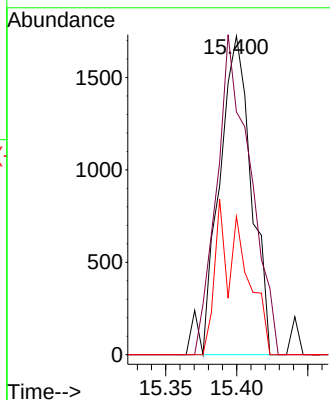
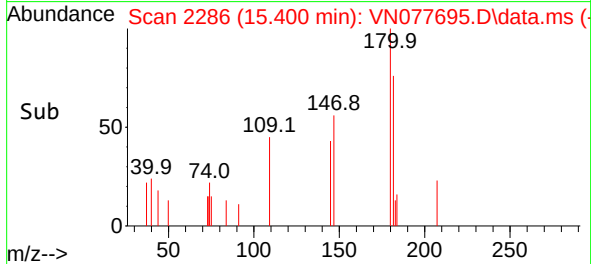
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion:180 Resp: 273
Ion Ratio Lower Upper
180 100
182 103.9 46.1 138.2
145 41.9 16.6 49.8

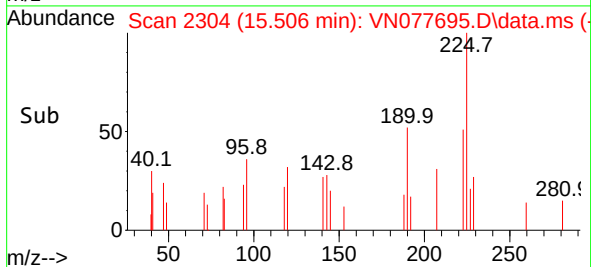
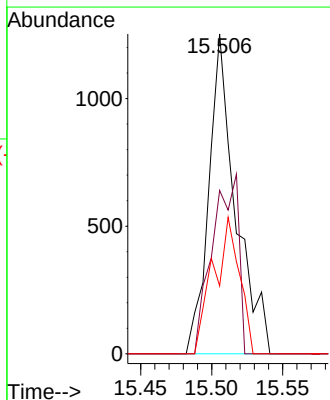
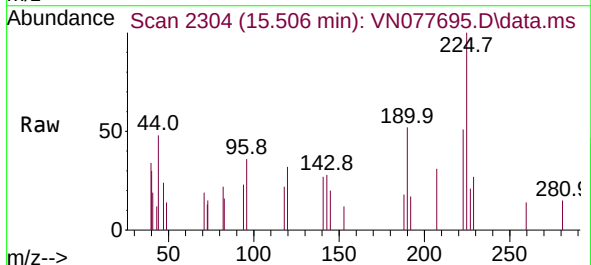
Manual Integrations
APPROVED

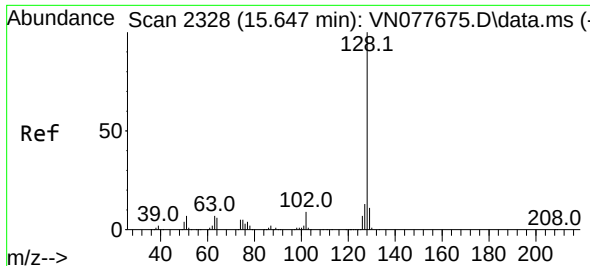
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#94
Hexachlorobutadiene
Concen: 0.860 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

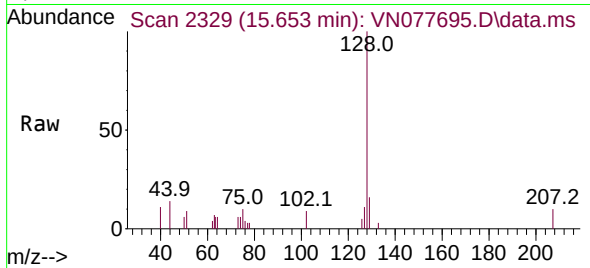
Tgt Ion:225 Resp: 1642
Ion Ratio Lower Upper
225 100
223 54.8 31.3 93.8
227 41.8 31.9 95.9





#95
Naphthalene
Concen: 0.641 ug/l
RT: 15.653 min Scan# 2329
Delta R.T. 0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

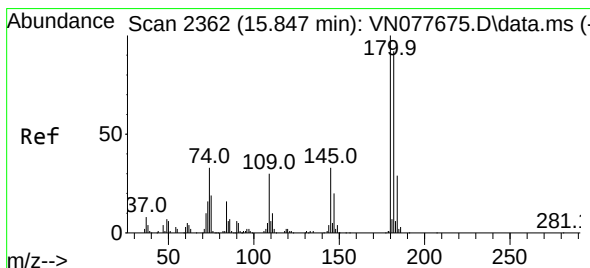
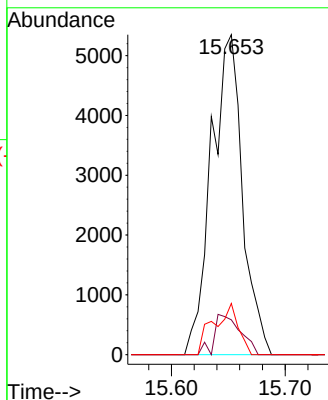
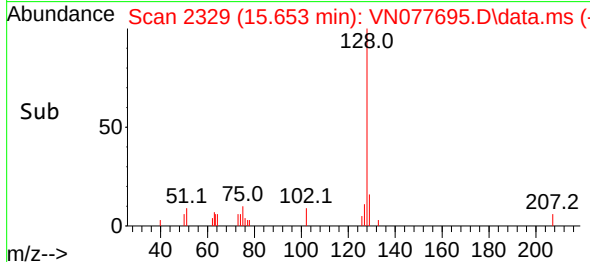
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



Tgt Ion:128 Resp: 10158
Ion Ratio Lower Upper
128 100
127 10.6 10.0 15.0
129 12.7 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 0.644 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion:180 Resp: 2900
Ion Ratio Lower Upper
180 100
182 97.3 46.2 138.6
145 42.1 17.5 52.6

