

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091322\
 Data File : VN074448.D
 Acq On : 13 Sep 2022 21:23
 Operator : JC\MD
 Sample : N4492-03MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-09-1.5-11.5-083122MS

Quant Time: Sep 14 08:06:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/14/2022
 Supervised By : Mahesh Dadoda 09/14/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	190517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	353315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	326753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	155080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	179451	54.441	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.880%			
35) Dibromofluoromethane	7.951	113	128829	54.011	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.020%			
50) Toluene-d8	10.380	98	474532	51.058	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.120%			
62) 4-Bromofluorobenzene	12.674	95	173857	51.524	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.040	85	95179	38.550	ug/l	100
3) Chloromethane	2.263	50	141979	47.949	ug/l	90
4) Vinyl Chloride	2.404	62	242553	58.803	ug/l	98
5) Bromomethane	2.775	94	175438	60.866	ug/l	97
6) Chloroethane	2.946	64	153593m	61.138	ug/l	
7) Trichlorofluoromethane	3.298	101	250676	61.548	ug/l	98
8) Diethyl Ether	3.763	74	73963	43.038	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.134	101	136488	55.923	ug/l	95
10) Methyl Iodide	4.345	142	120749	42.798	ug/l	100
11) Tert butyl alcohol	5.298	59	174547	202.450	ug/l	99
12) 1,1-Dichloroethene	4.104	96	97520	41.062	ug/l	93
13) Acrolein	3.981	56	96180	167.940	ug/l	98
14) Allyl chloride	4.757	41	202987	38.965	ug/l	98
15) Acrylonitrile	5.469	53	468076	237.299	ug/l	99
16) Acetone	4.222	43	421965	237.120	ug/l	100
17) Carbon Disulfide	4.445	76	257651	39.917	ug/l	96
18) Methyl Acetate	4.775	43	216730	41.314	ug/l	100
19) Methyl tert-butyl Ether	5.528	73	410997	42.996	ug/l	98
20) Methylene Chloride	5.010	84	122064	46.648	ug/l	99
21) trans-1,2-Dichloroethene	5.516	96	106649	40.075	ug/l	93
22) Diisopropyl ether	6.410	45	470546	44.861	ug/l	97
23) Vinyl Acetate	6.345	43	1914190	204.488	ug/l	97
24) 1,1-Dichloroethane	6.304	63	230342	42.738	ug/l	95
25) 2-Butanone	7.257	43	710047	237.697	ug/l	99
26) 2,2-Dichloropropane	7.245	77	125038	25.645	ug/l	95
27) cis-1,2-Dichloroethene	7.251	96	183620	56.004	ug/l	96
28) Bromochloromethane	7.586	49	78194	48.368	ug/l	98
29) Tetrahydrofuran	7.610	42	482056	244.121	ug/l	97
30) Chloroform	7.745	83	249266	46.334	ug/l	98
31) Cyclohexane	8.022	56	218718	41.722	ug/l #	97
32) 1,1,1-Trichloroethane	7.939	97	209510	43.411	ug/l	97
36) 1,1-Dichloropropene	8.151	75	172206	43.824	ug/l	99
37) Ethyl Acetate	7.339	43	251058	44.044	ug/l	96
38) Carbon Tetrachloride	8.133	117	174296	42.965	ug/l	98
39) Methylcyclohexane	9.398	83	199744	40.107	ug/l	97
40) Benzene	8.392	78	536007	44.551	ug/l	100

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 Supervised By :Mahesh Dadoda 09/14/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	135461	47.892	ug/l	96
42) 1,2-Dichloroethane	8.463	62	211462	45.975	ug/l	97
43) Isopropyl Acetate	8.498	43	396854	42.571	ug/l	99
44) Trichloroethene	9.151	130	118378	43.888	ug/l	92
45) 1,2-Dichloropropane	9.427	63	146689	45.929	ug/l	99
46) Dibromomethane	9.516	93	102242	46.755	ug/l	93
47) Bromodichloromethane	9.698	83	196139	44.998	ug/l #	94
48) Methyl methacrylate	9.498	41	188209	45.811	ug/l	95
49) 1,4-Dioxane	9.504	88	77144	891.044	ug/l	100
51) 4-Methyl-2-Pentanone	10.275	43	1519957	249.323	ug/l	97
52) Toluene	10.445	92	342156	45.986	ug/l	98
53) t-1,3-Dichloropropene	10.663	75	202446	42.102	ug/l	100
54) cis-1,3-Dichloropropene	10.133	75	206065	40.199	ug/l	98
55) 1,1,2-Trichloroethane	10.839	97	135570	44.203	ug/l	97
56) Ethyl methacrylate	10.704	69	246356	47.275	ug/l	91
57) 1,3-Dichloropropane	10.986	76	243326	45.389	ug/l	96
59) 2-Hexanone	11.027	43	1207414	256.649	ug/l	97
60) Dibromochloromethane	11.180	129	143121	46.091	ug/l	100
61) 1,2-Dibromoethane	11.286	107	142731	45.235	ug/l	98
64) Tetrachloroethene	10.922	164	89169	40.255	ug/l	90
65) Chlorobenzene	11.716	112	344383	43.709	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.786	131	128487	41.748	ug/l	98
67) Ethyl Benzene	11.786	91	670401	45.049	ug/l	98
68) m/p-Xylenes	11.898	106	502306	89.787	ug/l	100
69) o-Xylene	12.221	106	257564	45.802	ug/l	100
70) Styrene	12.239	104	418325	46.790	ug/l	98
71) Bromoform	12.404	173	99931	43.349	ug/l #	98
73) Isopropylbenzene	12.521	105	662930	44.493	ug/l	98
74) N-amyl acetate	12.333	43	361341	47.584	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.774	83	256610	45.828	ug/l	100
76) 1,2,3-Trichloropropane	12.827	75	201996m	49.826	ug/l	
77) Bromobenzene	12.804	156	141465	44.227	ug/l	97
78) n-propylbenzene	12.863	91	799699	46.851	ug/l	98
79) 2-Chlorotoluene	12.951	91	474276	45.574	ug/l	100
80) 1,3,5-Trimethylbenzene	13.004	105	571116	46.202	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.574	75	70491	38.757	ug/l	89
82) 4-Chlorotoluene	13.051	91	461502	45.961	ug/l	100
83) tert-Butylbenzene	13.268	119	495069	44.485	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	564788	46.098	ug/l	100
85) sec-Butylbenzene	13.445	105	707872	46.740	ug/l	100
86) p-Isopropyltoluene	13.557	119	573963	47.348	ug/l	100
87) 1,3-Dichlorobenzene	13.557	146	271050	45.834	ug/l	99
88) 1,4-Dichlorobenzene	13.639	146	260842	43.662	ug/l	98
89) n-Butylbenzene	13.886	91	504010	48.859	ug/l	99
90) Hexachloroethane	14.151	117	110582	43.180	ug/l	89
91) 1,2-Dichlorobenzene	13.933	146	276952	44.531	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	61270	48.435	ug/l	95
93) 1,2,4-Trichlorobenzene	15.204	180	131938	42.573	ug/l	98
94) Hexachlorobutadiene	15.304	225	54308	38.663	ug/l	98
95) Naphthalene	15.439	128	545819	45.017	ug/l	99
96) 1,2,3-Trichlorobenzene	15.633	180	134465	41.928	ug/l	98

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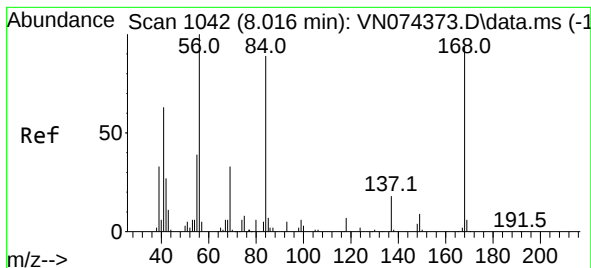
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 09/14/2022

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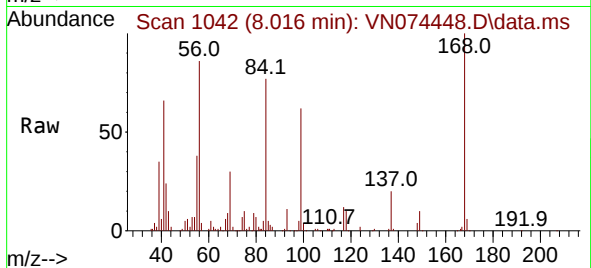
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074448.D
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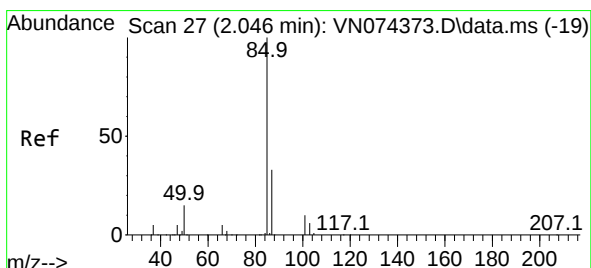
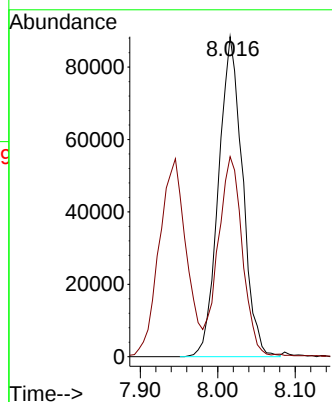
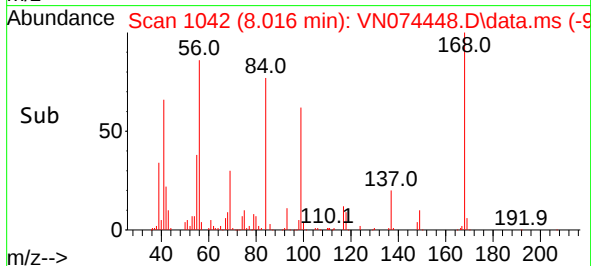
Instrument :
MSVOA_N
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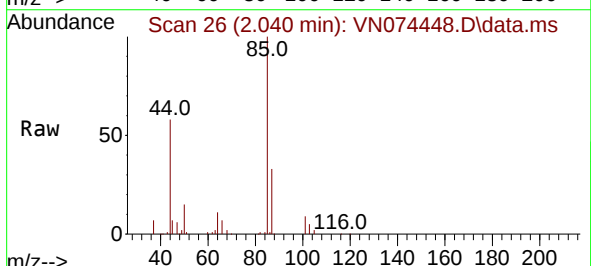
Tgt Ion: 168 Resp: 190517
Ion Ratio Lower Upper
168 100
99 61.7 52.8 79.2

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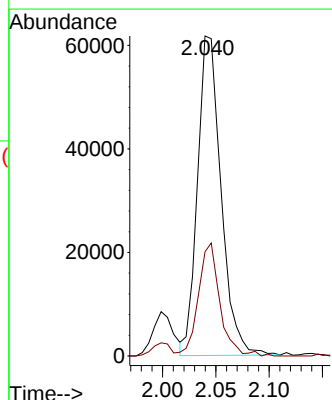
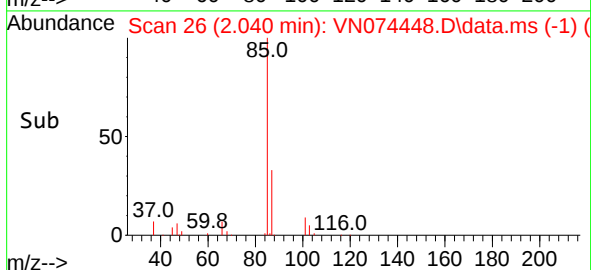
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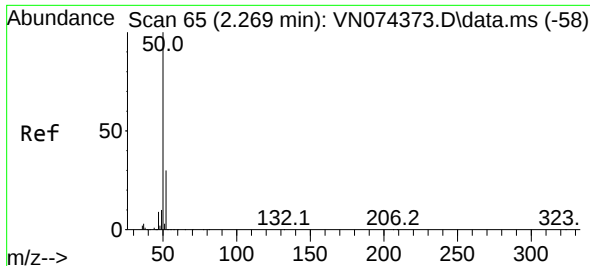


#2
Dichlorodifluoromethane
Concen: 38.550 ug/l
RT: 2.040 min Scan# 26
Delta R.T. -0.006 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23



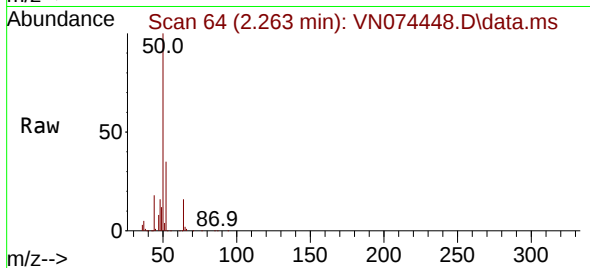
Tgt Ion: 85 Resp: 95179
Ion Ratio Lower Upper
85 100
87 32.6 16.4 49.2





#3
Chloromethane
Concen: 47.949 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

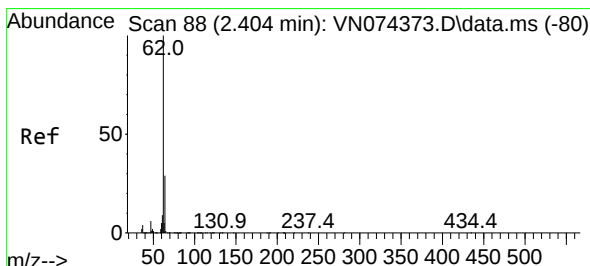
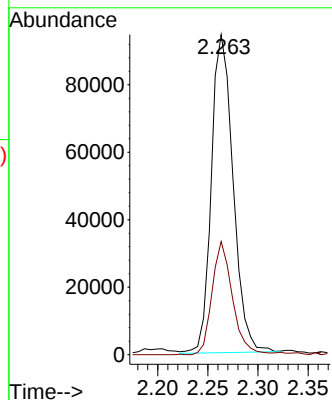
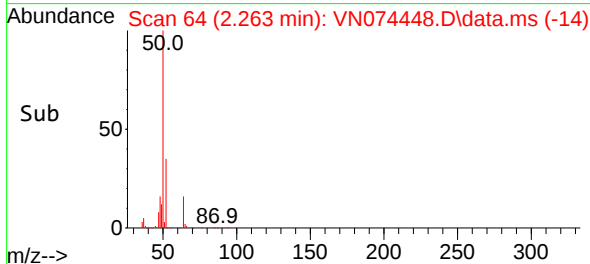
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Tgt Ion: 50 Resp: 141979
Ion Ratio Lower Upper
50 100
52 35.6 24.1 36.1

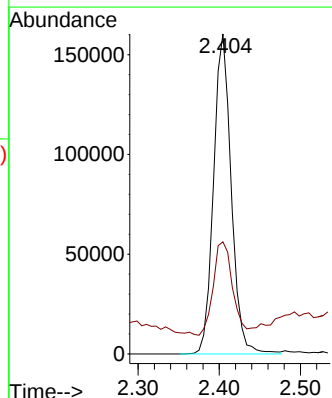
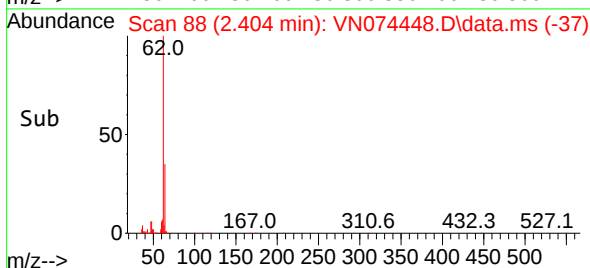
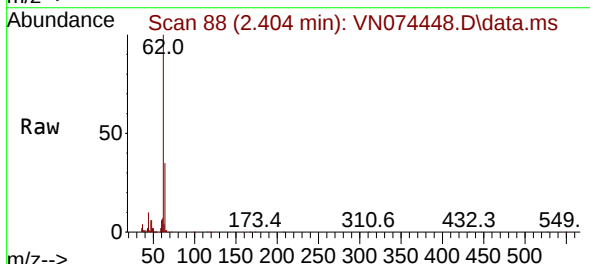
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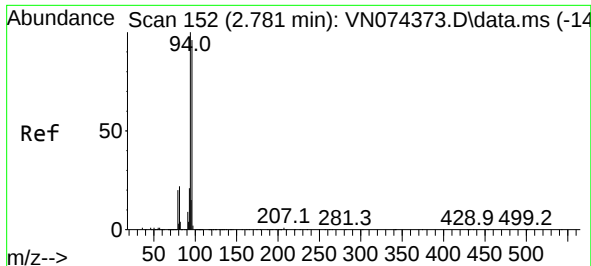
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#4
Vinyl Chloride
Concen: 58.803 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

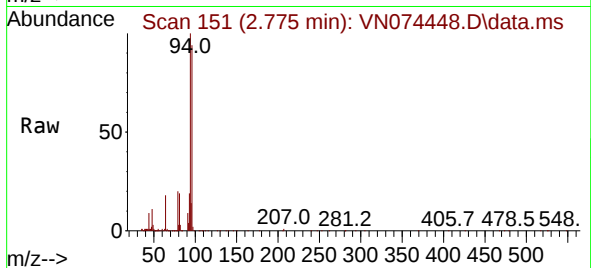
Tgt Ion: 62 Resp: 242553
Ion Ratio Lower Upper
62 100
64 28.5 23.5 35.3





#5
Bromomethane
Concen: 60.866 ug/l
RT: 2.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

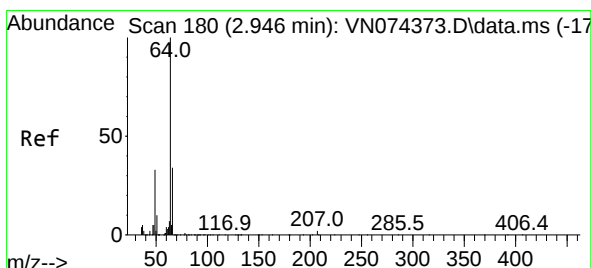
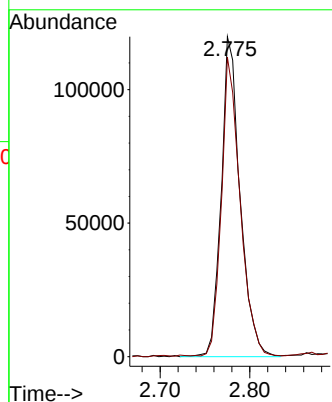
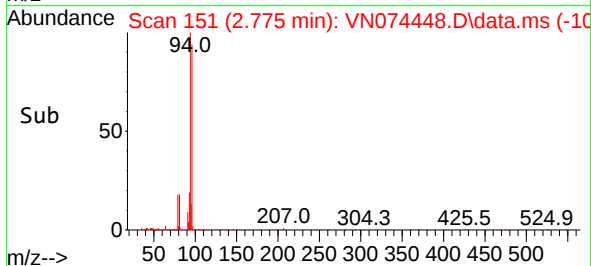
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Tgt Ion: 94 Resp: 175438
Ion Ratio Lower Upper
94 100
96 93.3 76.7 115.1

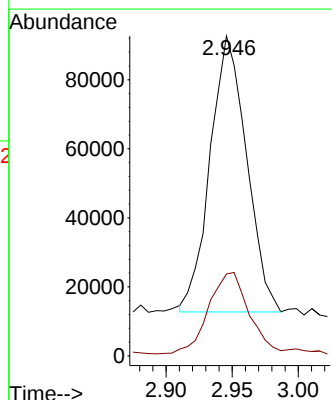
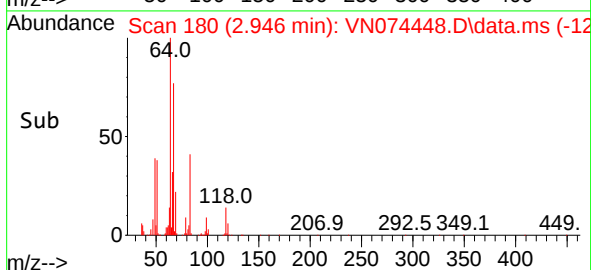
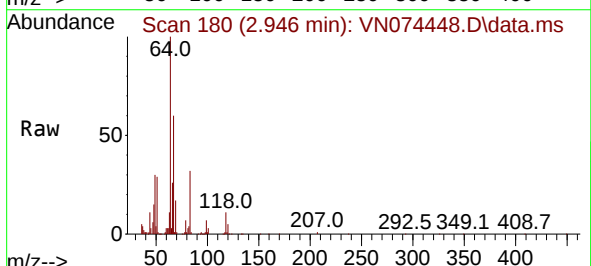
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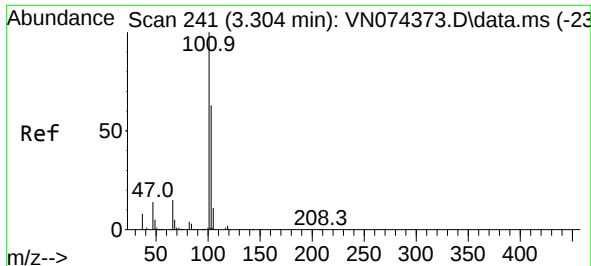
Reviewed By :John Carlone 09/14/2022
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#6
Chloroethane
Concen: 61.138 ug/l m
RT: 2.946 min Scan# 180
Delta R.T. -0.000 min
Lab File: VN074448.D
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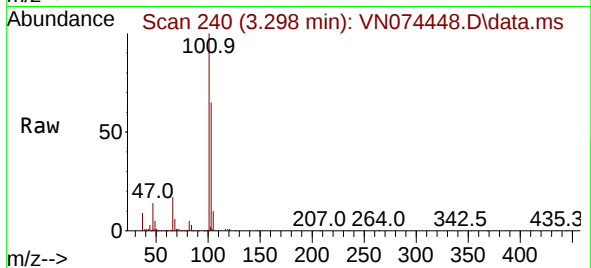
Tgt Ion: 64 Resp: 153593
Ion Ratio Lower Upper
64 100
66 25.6 26.5 39.7#





#7
Trichlorofluoromethane
Concen: 61.548 ug/l
RT: 3.298 min Scan# 241
Delta R.T. -0.006 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

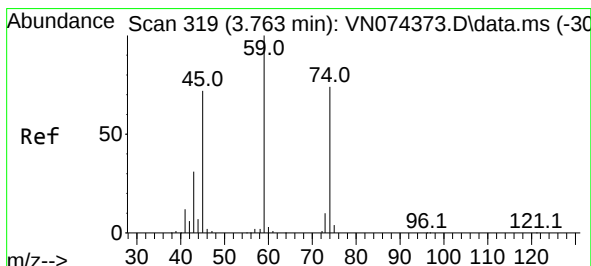
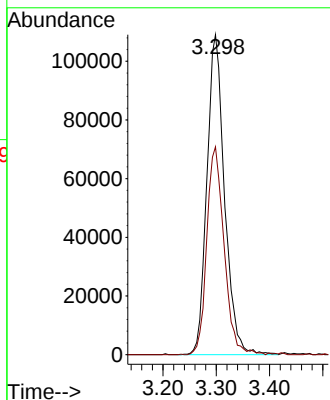
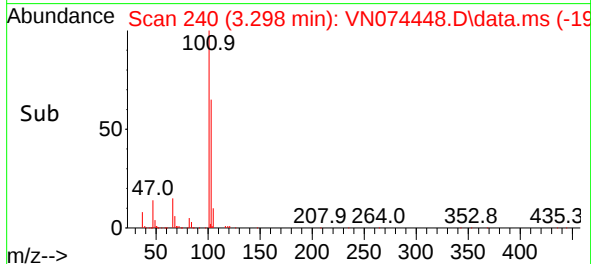
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Tgt Ion:101 Resp: 250670
Ion Ratio Lower Upper
101 100
103 65.0 50.8 76.2

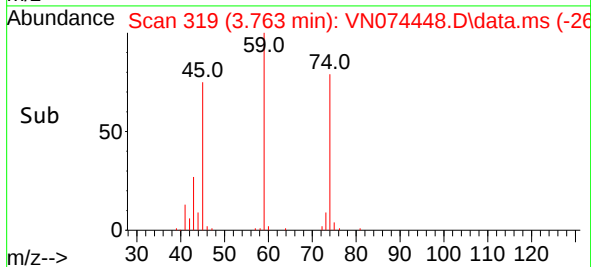
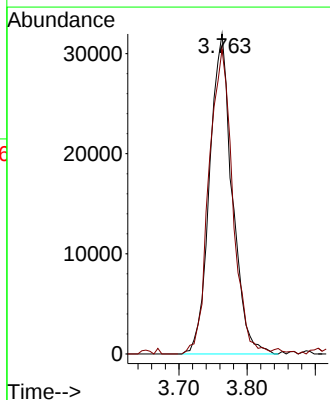
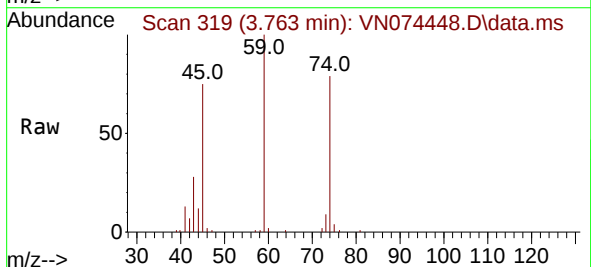
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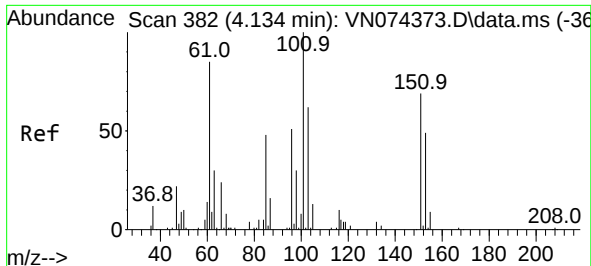
Reviewed By :John Carlone 09/14/2022
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#8
Diethyl Ether
Concen: 43.038 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN074448.D
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Tgt Ion: 74 Resp: 73963
Ion Ratio Lower Upper
74 100
45 99.7 52.4 157.3





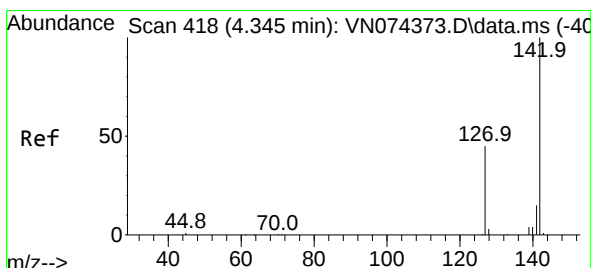
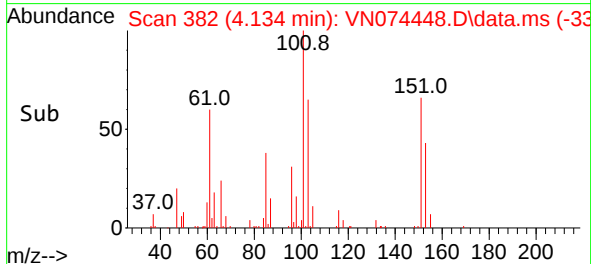
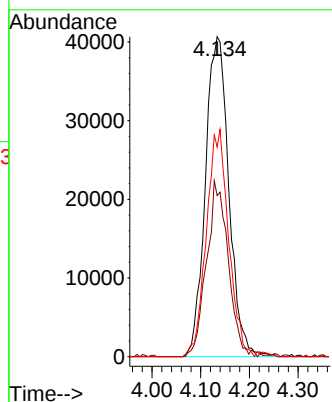
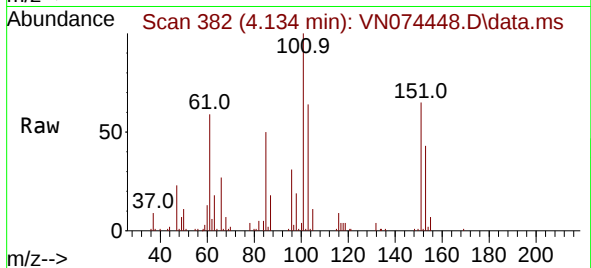
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.923 ug/l
RT: 4.134 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS

Tgt Ion:101 Resp: 136488
Ion Ratio Lower Upper
101 100
85 50.6 39.5 59.3
151 66.8 57.8 86.6

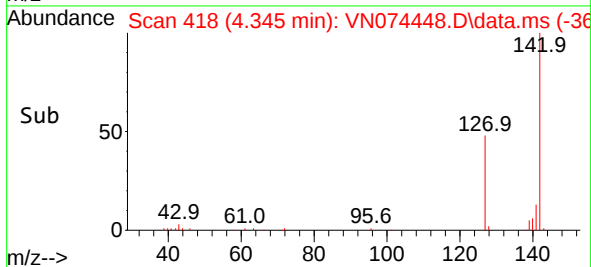
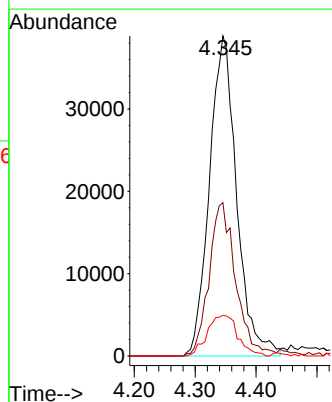
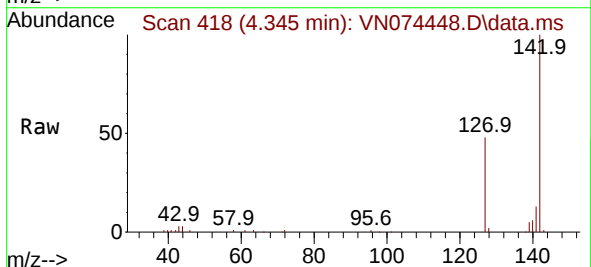
Manual Integrations
APPROVED

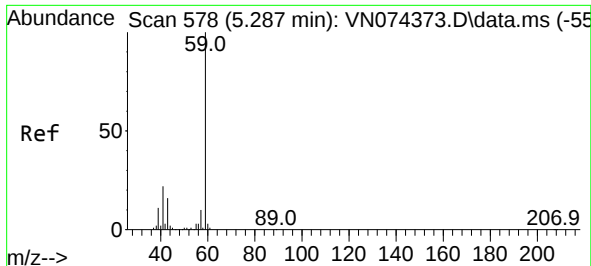
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#10
Methyl Iodide
Concen: 42.798 ug/l
RT: 4.345 min Scan# 418
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

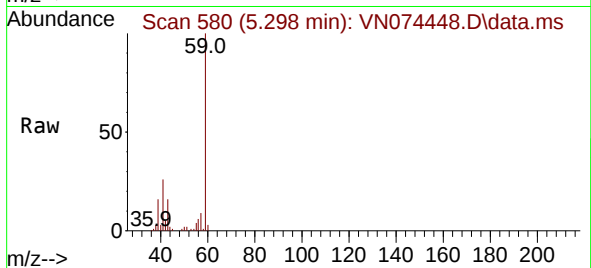
Tgt Ion:142 Resp: 120749
Ion Ratio Lower Upper
142 100
127 46.8 37.4 56.2
141 14.2 11.2 16.8





#11
Tert butyl alcohol
Concen: 202.450 ug/l
RT: 5.298 min Scan# 578
Delta R.T. 0.012 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

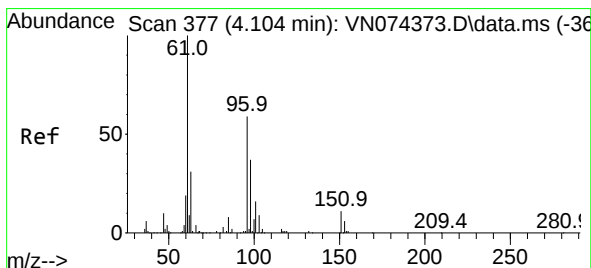
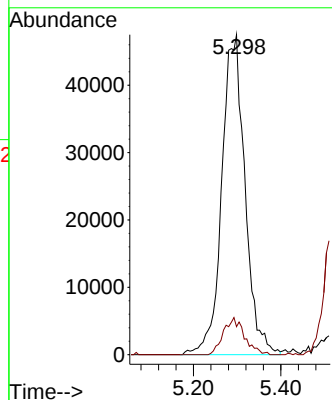
Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS



Tgt Ion: 59 Resp: 17454
Ion Ratio Lower Upper
59 100
57 10.5 8.8 13.2

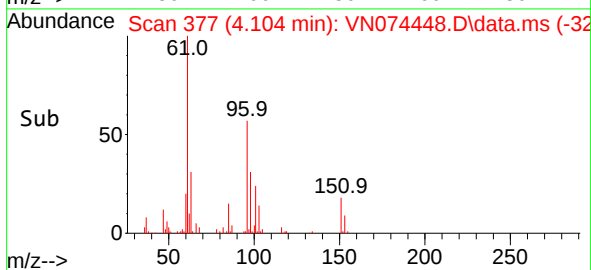
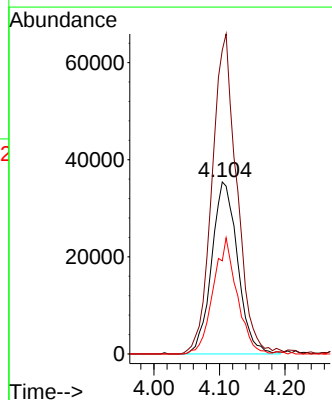
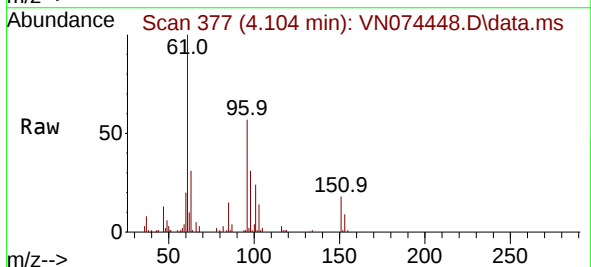
Manual Integrations
APPROVED

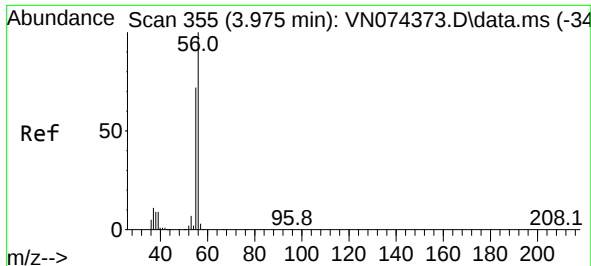
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#12
1,1-Dichloroethene
Concen: 41.062 ug/l
RT: 4.104 min Scan# 377
Delta R.T. -0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

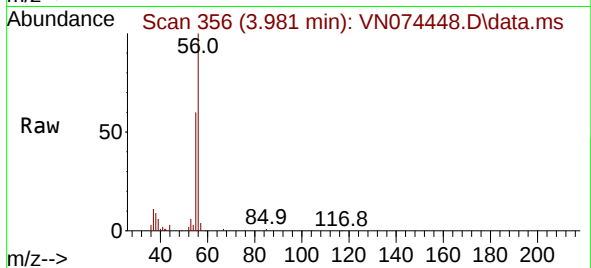
Tgt Ion: 96 Resp: 97520
Ion Ratio Lower Upper
96 100
61 176.7 134.7 202.1
98 54.1 50.2 75.4





#13
Acrolein
Concen: 167.940 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.006 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

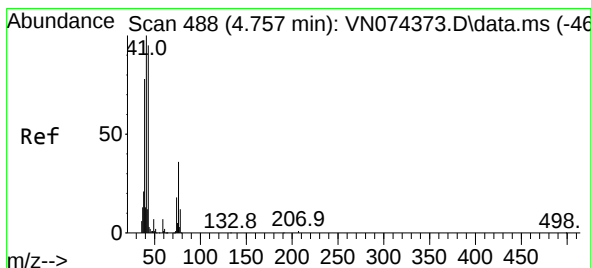
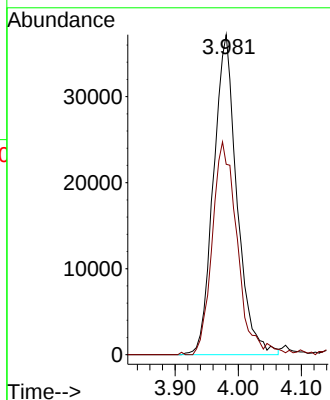
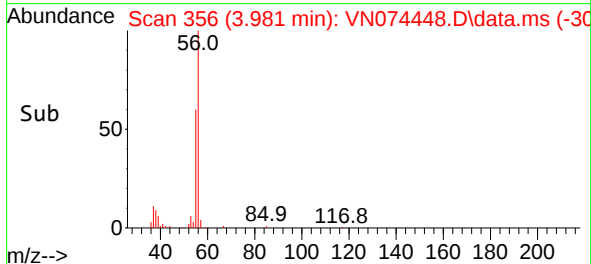
Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS



Tgt Ion: 56 Resp: 96180
Ion Ratio Lower Upper
56 100
55 69.0 56.2 84.4

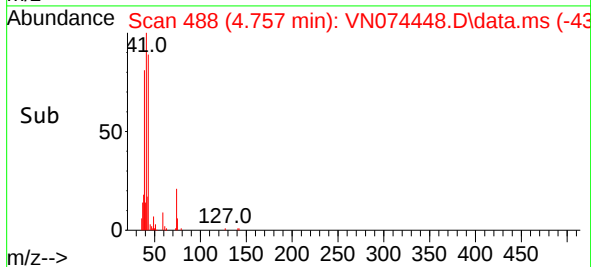
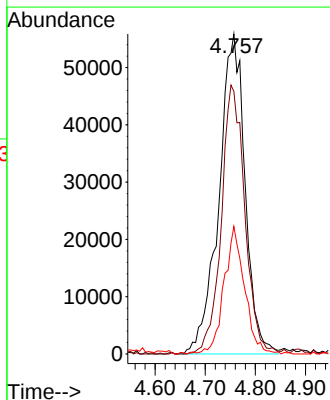
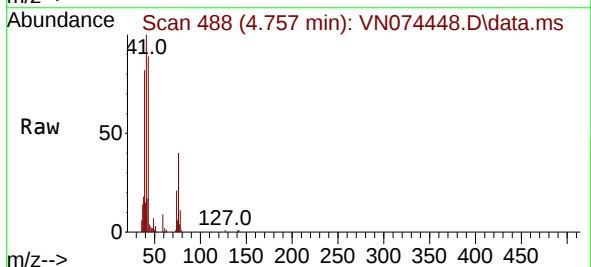
Manual Integrations
APPROVED

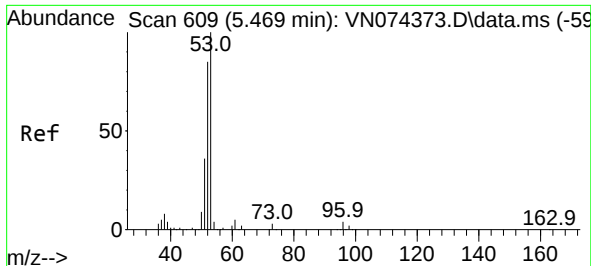
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#14
Allyl chloride
Concen: 38.965 ug/l
RT: 4.757 min Scan# 488
Delta R.T. -0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

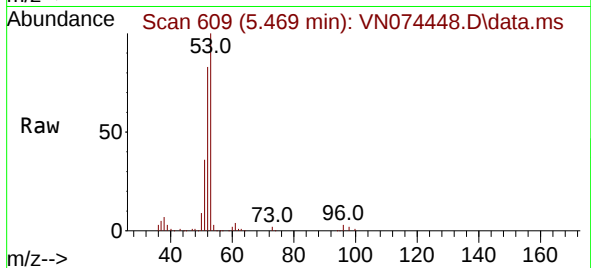
Tgt Ion: 41 Resp: 202987
Ion Ratio Lower Upper
41 100
39 75.2 58.5 87.7
76 31.1 24.2 36.4





#15
Acrylonitrile
Concen: 237.299 ug/l
RT: 5.469 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

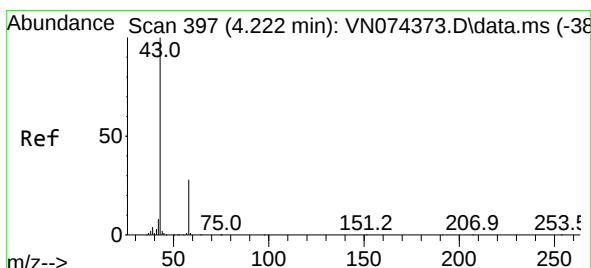
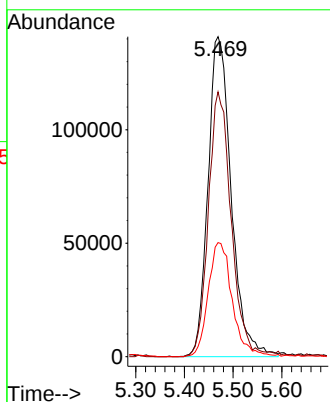
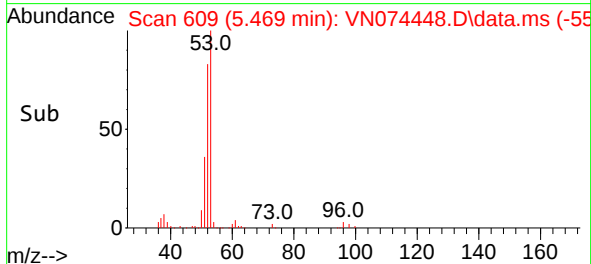
Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS



Tgt Ion: 53 Resp: 468070
Ion Ratio Lower Upper
53 100
52 81.8 65.9 98.9
51 36.9 29.4 44.2

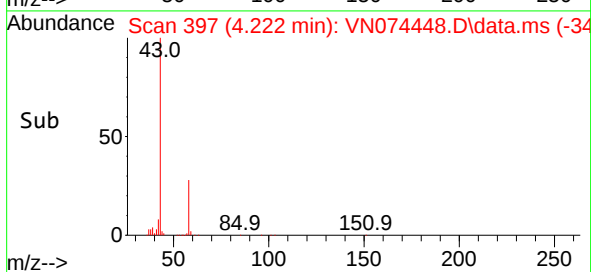
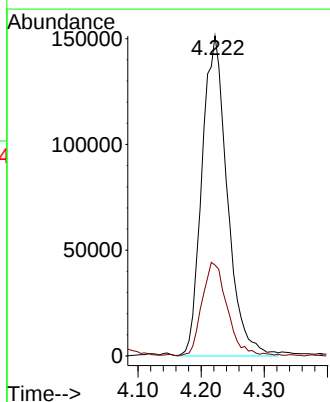
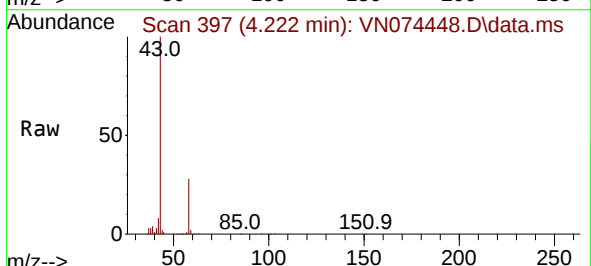
Manual Integrations
APPROVED

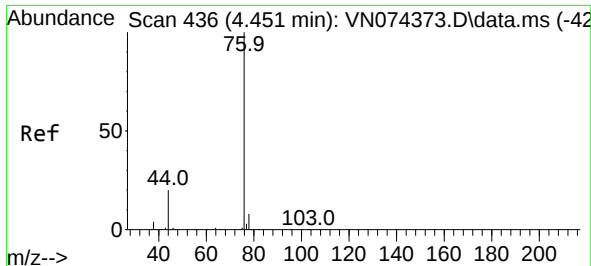
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#16
Acetone
Concen: 237.120 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

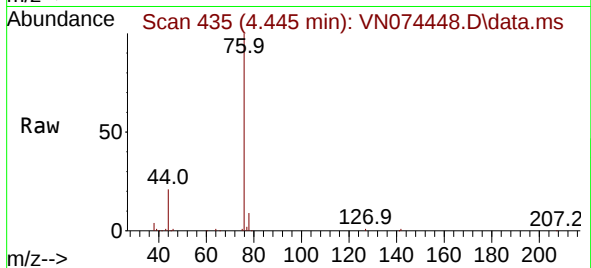
Tgt Ion: 43 Resp: 421965
Ion Ratio Lower Upper
43 100
58 28.2 22.7 34.1





#17
Carbon Disulfide
Concen: 39.917 ug/l
RT: 4.445 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

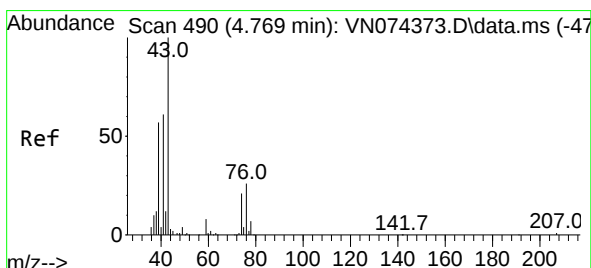
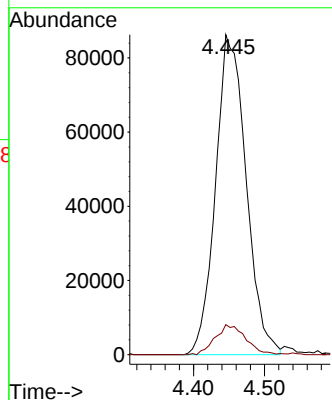
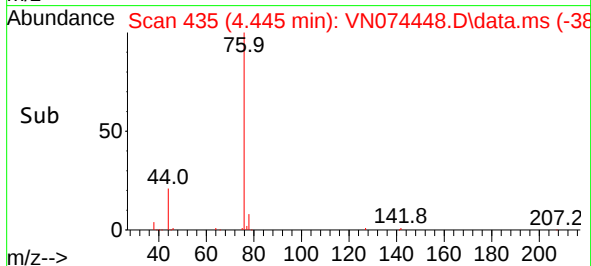
Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS



Tgt Ion: 76 Resp: 25765
Ion Ratio Lower Upper
76 100
78 9.4 6.5 9.7

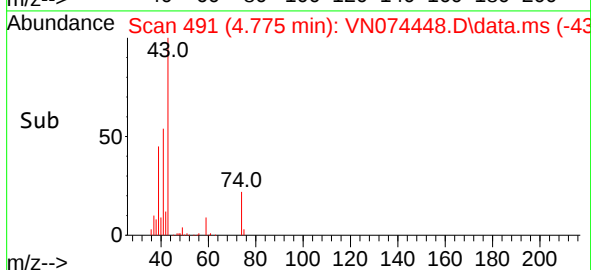
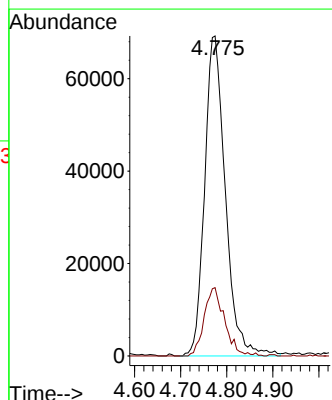
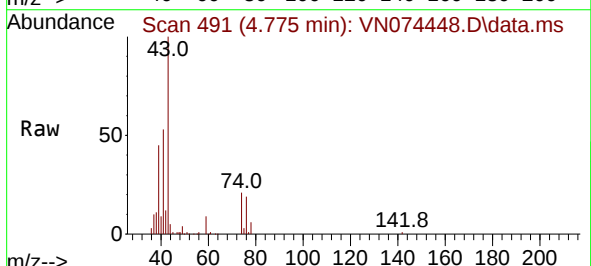
Manual Integrations
APPROVED

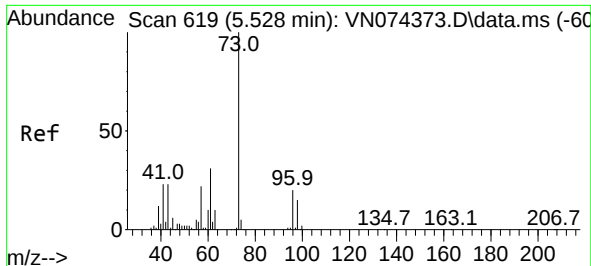
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#18
Methyl Acetate
Concen: 41.314 ug/l
RT: 4.775 min Scan# 491
Delta R.T. 0.006 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

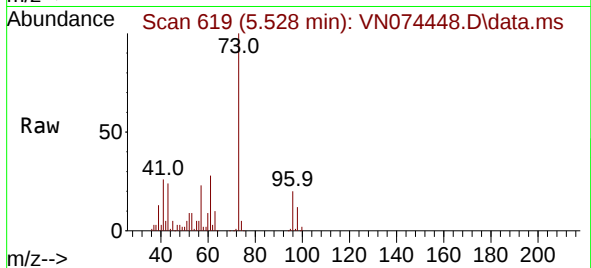
Tgt Ion: 43 Resp: 216730
Ion Ratio Lower Upper
43 100
74 21.0 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 42.996 ug/l
RT: 5.528 min Scan# 619
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

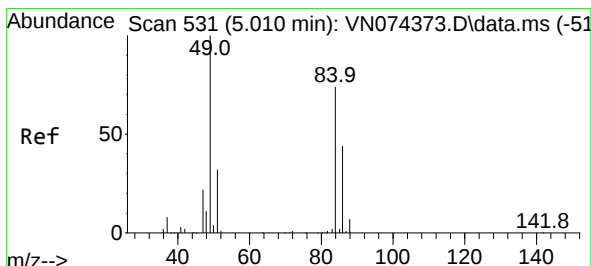
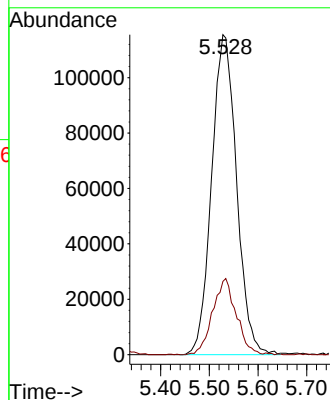
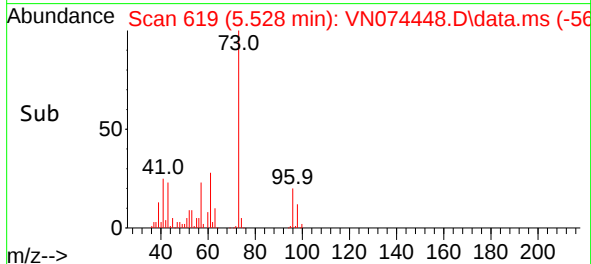
Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS



Tgt Ion: 73 Resp: 41099
Ion Ratio Lower Upper
73 100
57 22.9 17.7 26.5

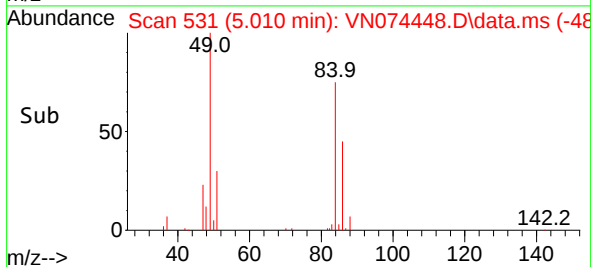
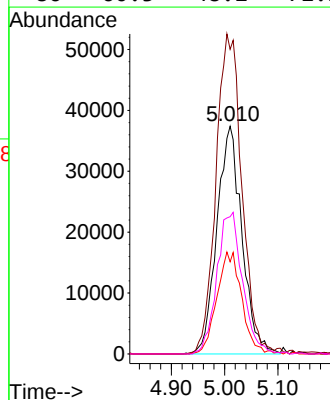
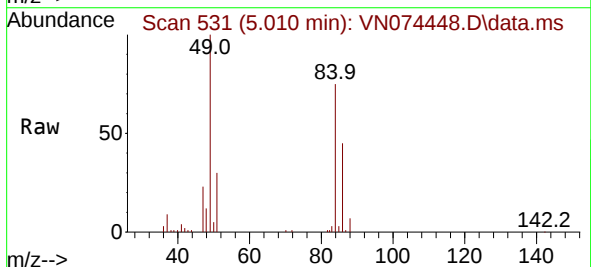
Manual Integrations
APPROVED

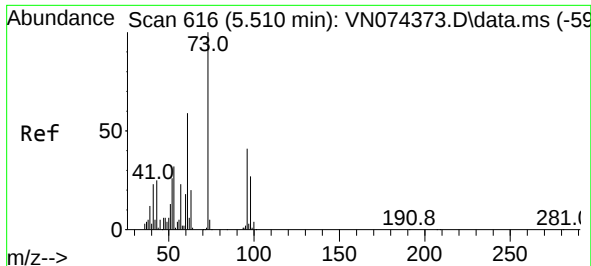
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#20
Methylene Chloride
Concen: 46.648 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

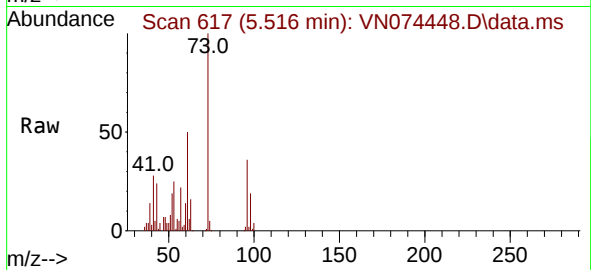
Tgt Ion: 84 Resp: 122064
Ion Ratio Lower Upper
84 100
49 133.8 108.2 162.4
51 40.5 34.3 51.5
86 60.3 48.2 72.2





#21
trans-1,2-Dichloroethene
Concen: 40.075 ug/l
RT: 5.516 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

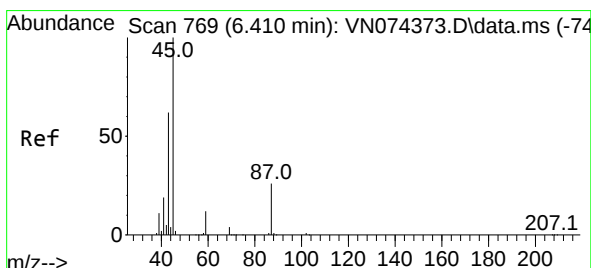
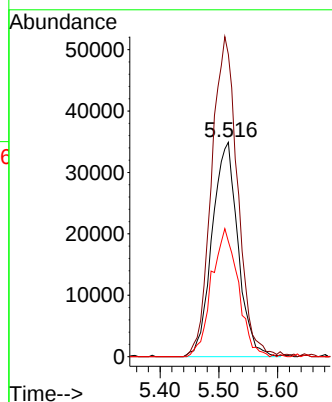
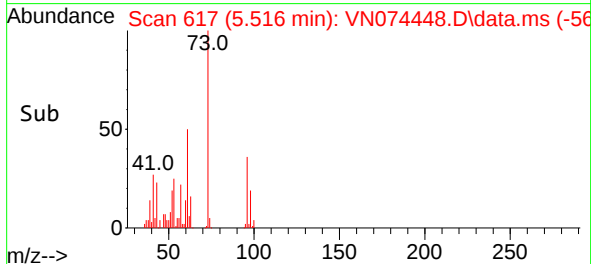
Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS



Tgt Ion: 96 Resp: 106649
Ion Ratio Lower Upper
96 100
61 141.0 115.3 172.9
98 53.7 53.4 80.0

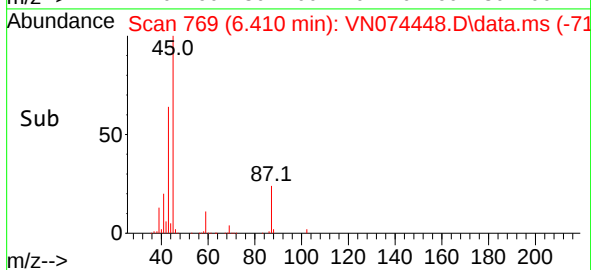
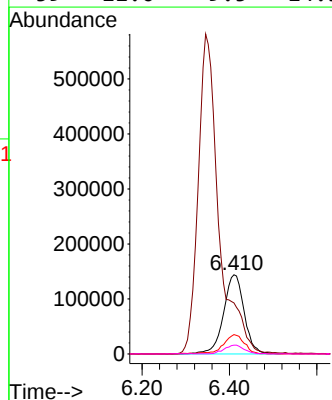
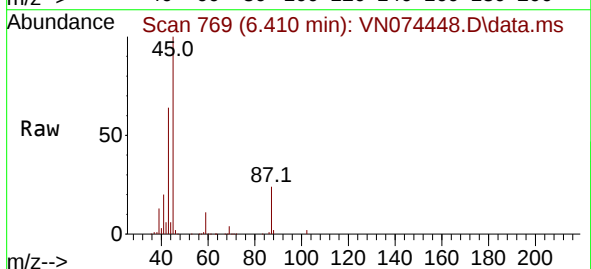
Manual Integrations
APPROVED

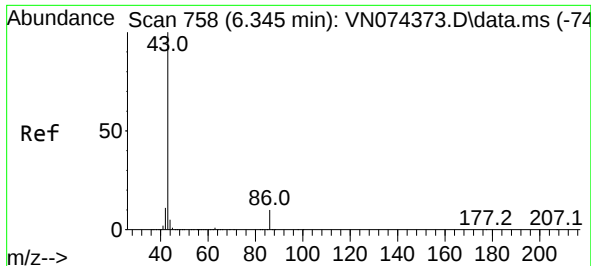
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#22
Diisopropyl ether
Concen: 44.861 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

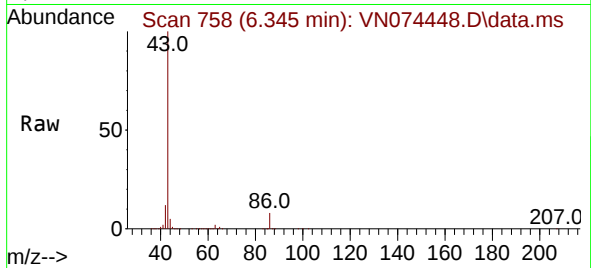
Tgt Ion: 45 Resp: 470546
Ion Ratio Lower Upper
45 100
43 63.3 49.4 74.0
87 24.3 21.3 31.9
59 11.0 9.5 14.3





#23
 Vinyl Acetate
 Concen: 204.488 ug/l
 RT: 6.345 min Scan# 758
 Delta R.T. -0.000 min
 Lab File: VN074448.D
 Acq: 13 Sep 2022 21:23

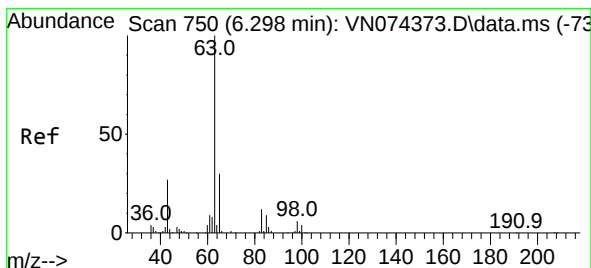
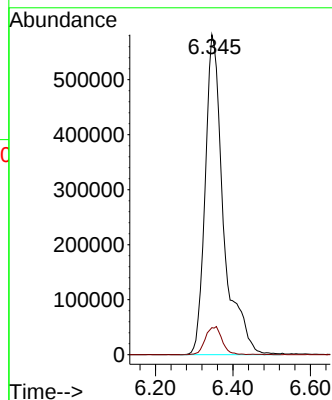
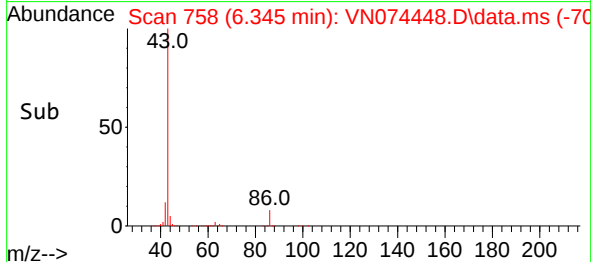
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-09-1.5-11.5-083122MS



Tgt Ion: 43 Resp: 1914190
 Ion Ratio Lower Upper
 43 100
 86 8.5 7.6 11.4

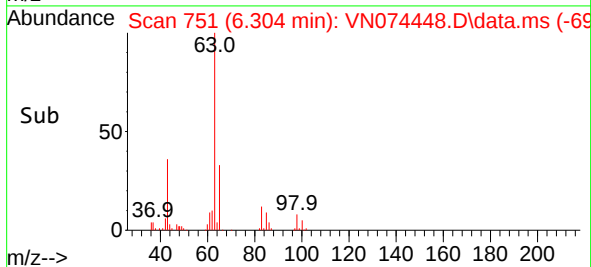
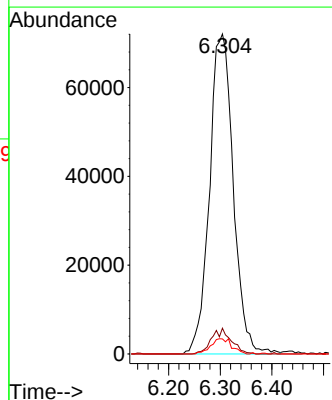
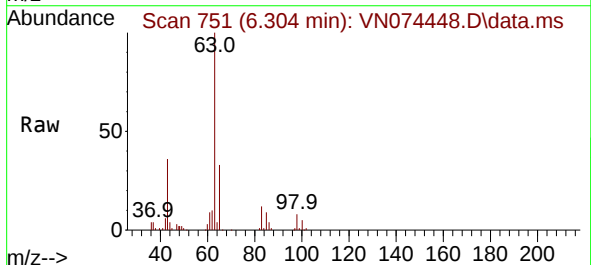
Manual Integrations
 APPROVED

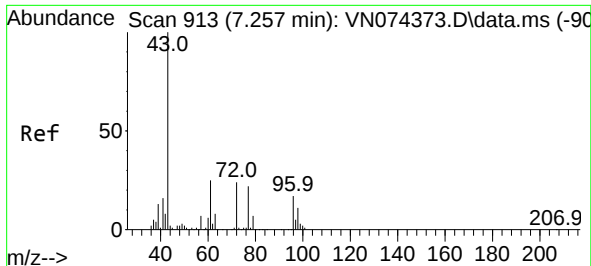
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022



#24
 1,1-Dichloroethane
 Concen: 42.738 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.006 min
 Lab File: VN074448.D
 Acq: 13 Sep 2022 21:23

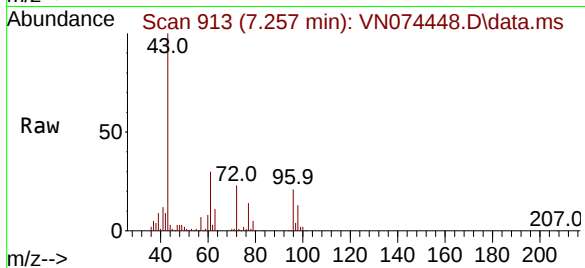
Tgt Ion: 63 Resp: 230342
 Ion Ratio Lower Upper
 63 100
 98 8.1 2.9 8.6
 100 4.7 2.0 5.8





#25
2-Butanone
Concen: 237.697 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

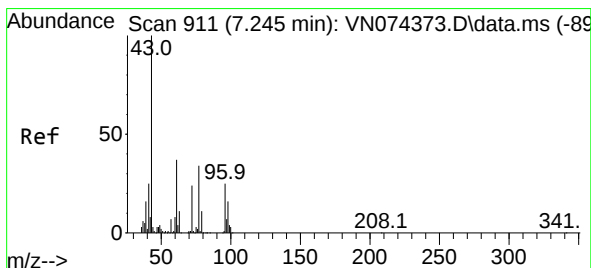
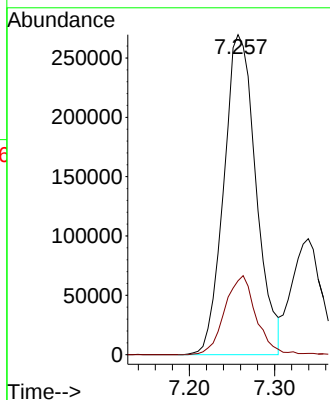
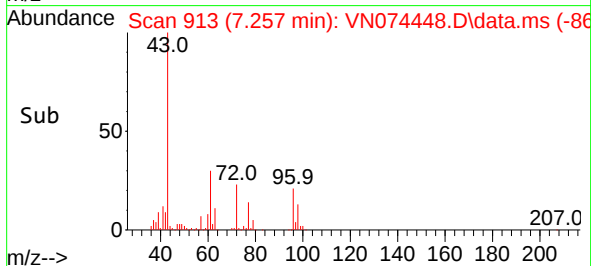
Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS



Tgt Ion: 43 Resp: 71004
Ion Ratio Lower Upper
43 100
72 23.1 18.9 28.3

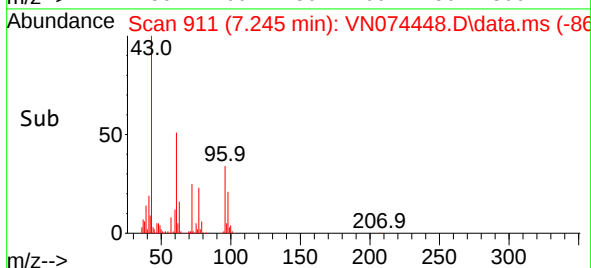
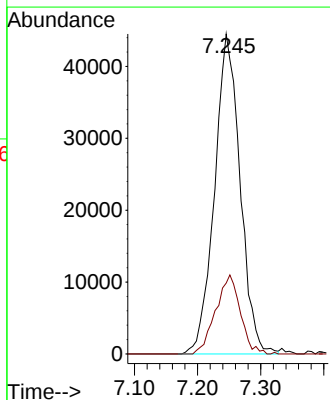
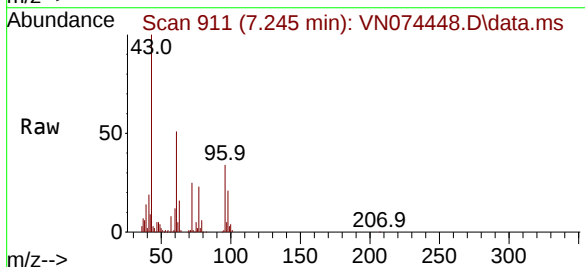
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#26
2,2-Dichloropropane
Concen: 25.645 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

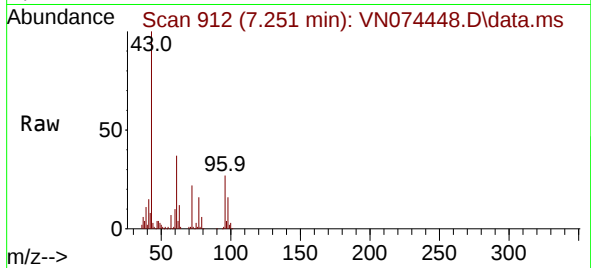
Tgt Ion: 77 Resp: 125038
Ion Ratio Lower Upper
77 100
97 23.7 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 56.004 ug/l
 RT: 7.251 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VN074448.D
 Acq: 13 Sep 2022 21:23

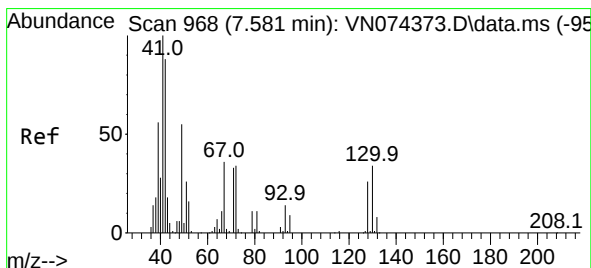
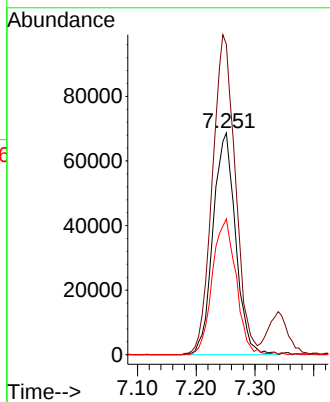
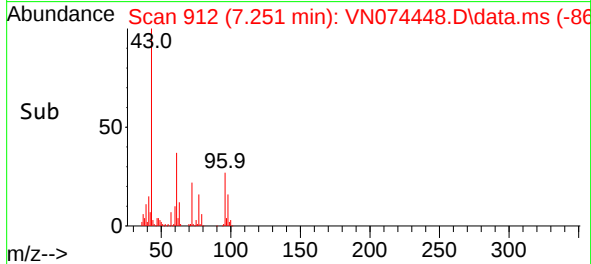
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-09-1.5-11.5-083122MS



Tgt Ion: 96 Resp: 183620
 Ion Ratio Lower Upper
 96 100
 61 146.8 0.0 306.2
 98 64.0 0.0 129.8

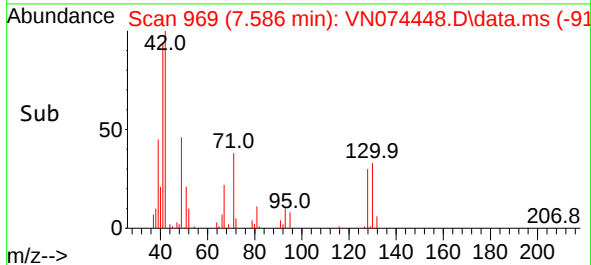
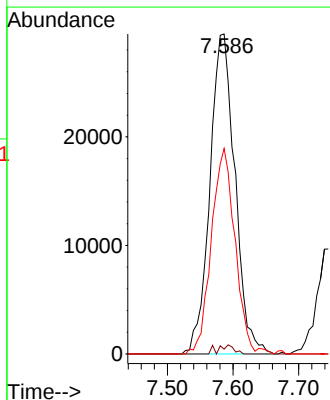
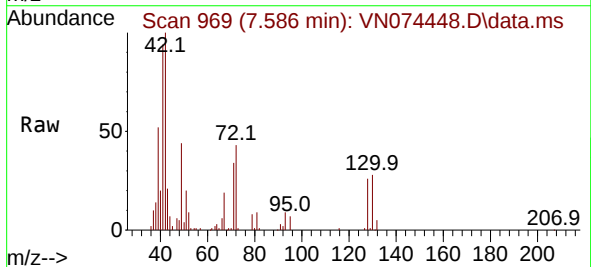
Manual Integrations
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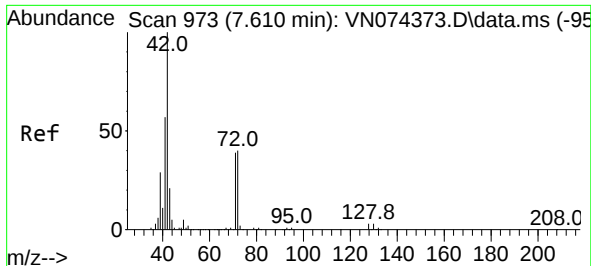
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022



#28
 Bromochloromethane
 Concen: 48.368 ug/l
 RT: 7.586 min Scan# 969
 Delta R.T. 0.005 min
 Lab File: VN074448.D
 Acq: 13 Sep 2022 21:23

Tgt Ion: 49 Resp: 78194
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 2.2
 130 60.7 50.0 75.0





#29

Tetrahydrofuran

Concen: 244.121 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074448.D

Acq: 13 Sep 2022 21:23

Instrument :

MSVOA_N

ClientSampleId :

MW-09-1.5-11.5-083122MS

Tgt Ion: 42 Resp: 482050

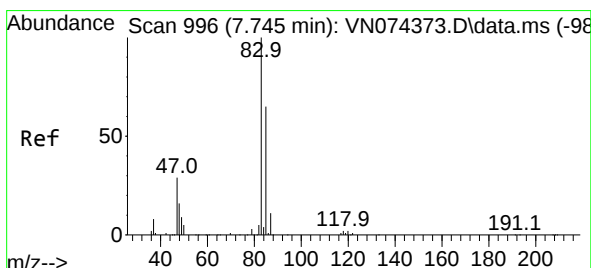
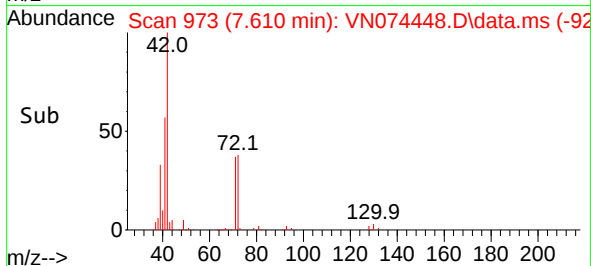
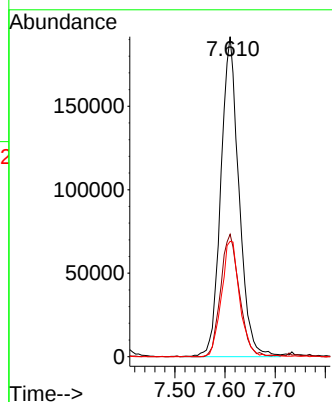
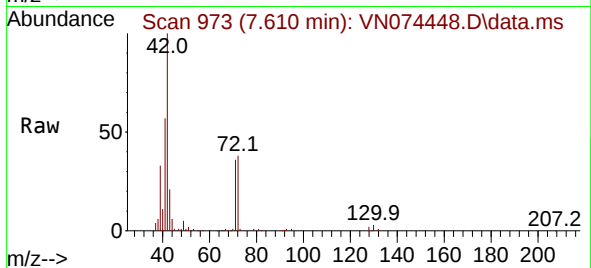
Ion	Ratio	Lower	Upper
42	100		
72	39.4	32.7	49.1
71	36.5	31.0	46.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#30

Chloroform

Concen: 46.334 ug/l

RT: 7.745 min Scan# 996

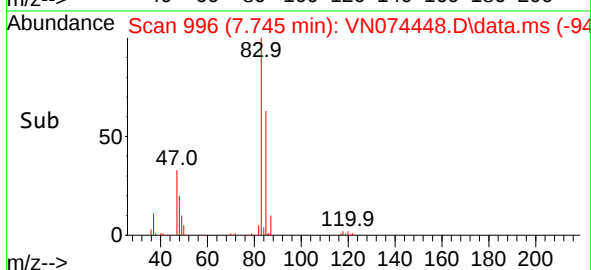
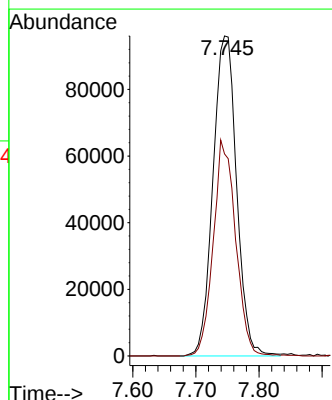
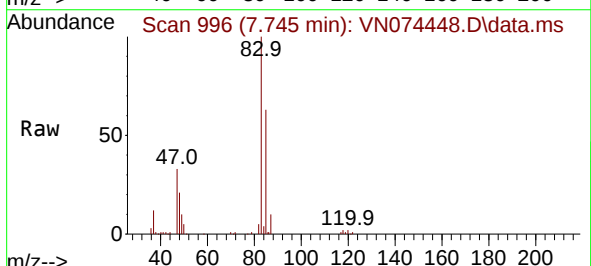
Delta R.T. 0.000 min

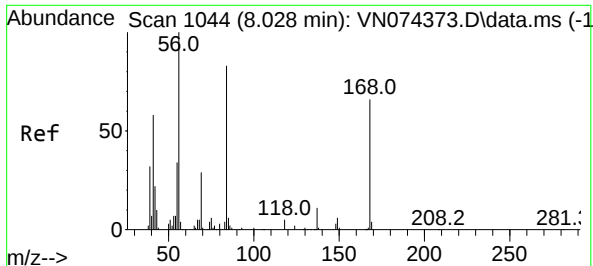
Lab File: VN074448.D

Acq: 13 Sep 2022 21:23

Tgt Ion: 83 Resp: 249266

Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.8	77.6





#31

Cyclohexane

Concen: 41.722 ug/l

RT: 8.022 min Scan# 1044

Delta R.T. -0.006 min

Lab File: VN074448.D

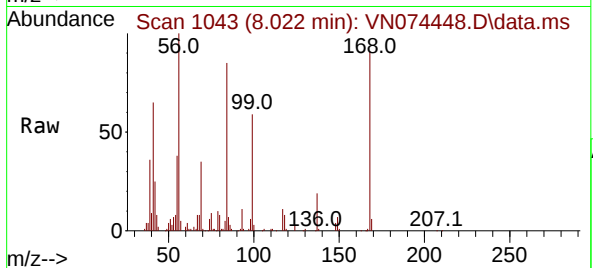
Acq: 13 Sep 2022 21:23

Instrument :

MSVOA_N

ClientSampleId :

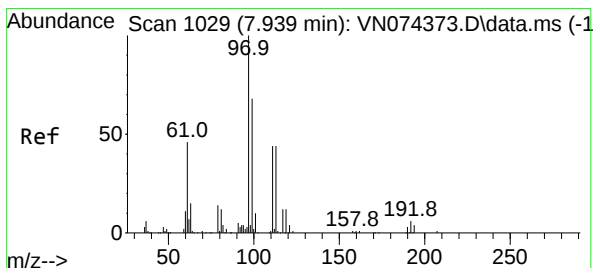
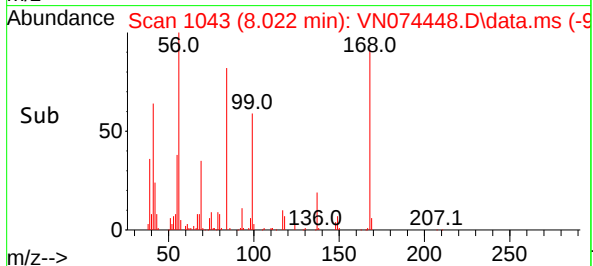
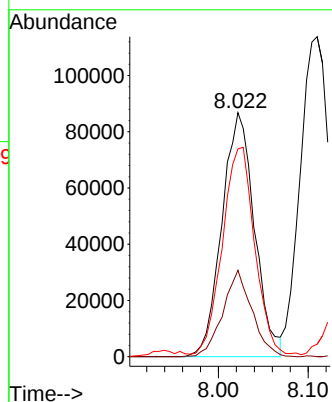
MW-09-1.5-11.5-083122MS



Tgt Ion:	56	69	84	Resp:	218718
Ion Ratio	100	35.4	83.0	Lower	Upper
		23.0	66.3		
				34.4	99.5

Manual Integrations
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Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#32

1,1,1-Trichloroethane

Concen: 43.411 ug/l

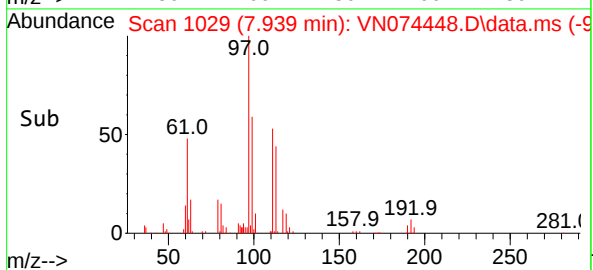
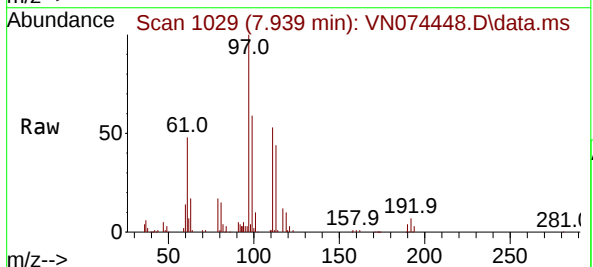
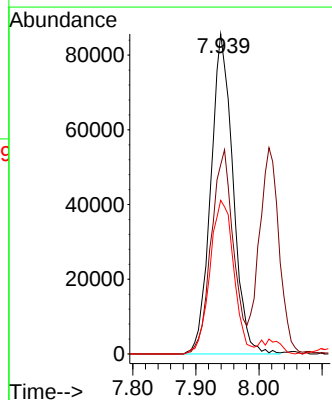
RT: 7.939 min Scan# 1029

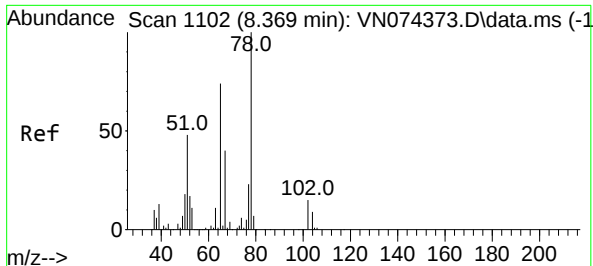
Delta R.T. 0.000 min

Lab File: VN074448.D

Acq: 13 Sep 2022 21:23

Tgt Ion:	97	99	61	Resp:	209510
Ion Ratio	100	63.9	51.5	Lower	Upper
		50.2	38.7		
				75.2	58.1





#33

1,2-Dichloroethane-d4

Concen: 54.441 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074448.D

Acq: 13 Sep 2022 21:23

Instrument :

MSVOA_N

ClientSampleId :

MW-09-1.5-11.5-083122MS

Tgt Ion: 65 Resp: 17945

Ion Ratio Lower Upper

65 100

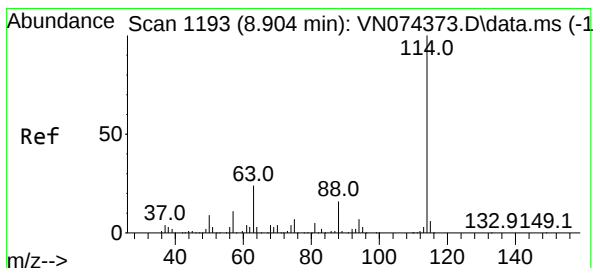
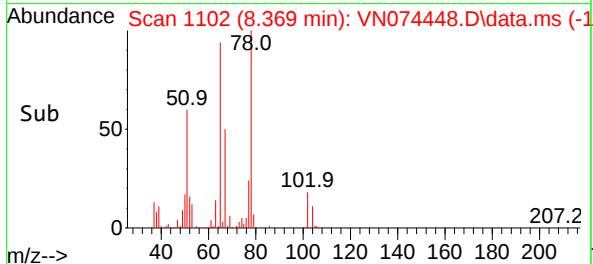
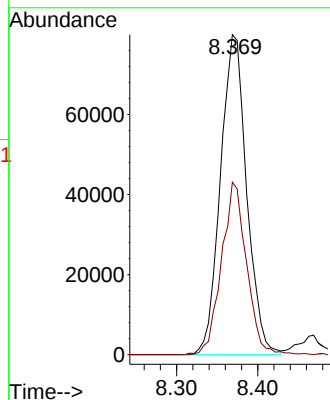
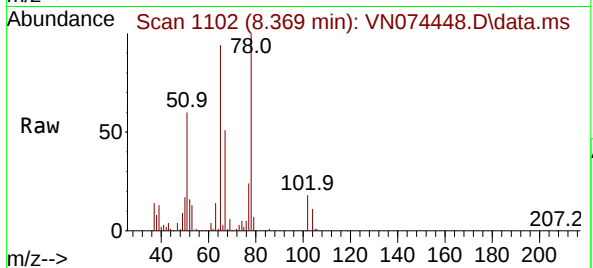
67 51.4 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074448.D

Acq: 13 Sep 2022 21:23

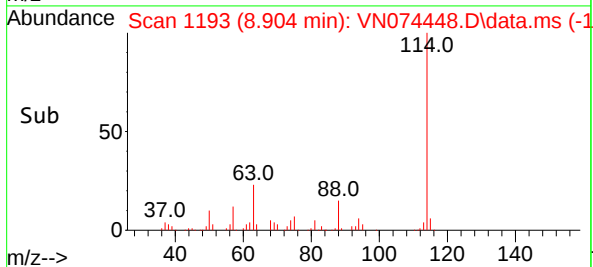
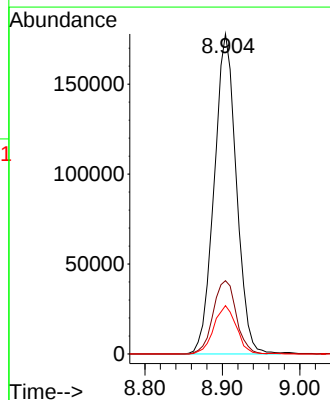
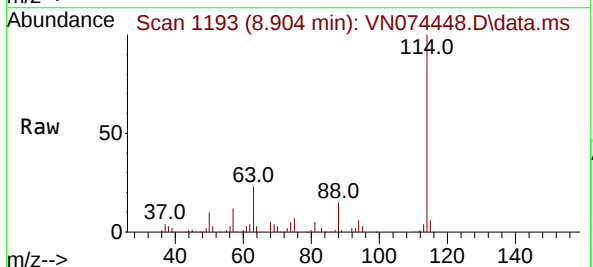
Tgt Ion:114 Resp: 353315

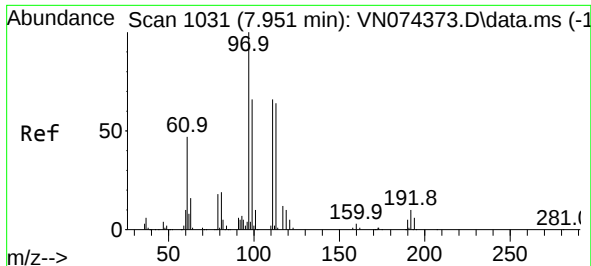
Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.6

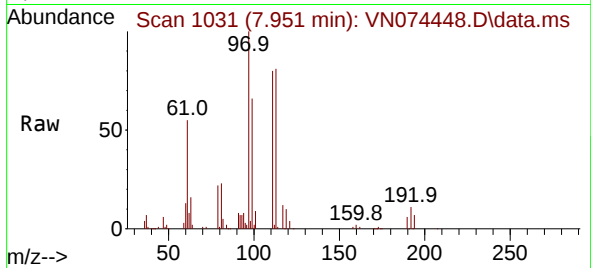
88 15.1 0.0 31.4





#35
Dibromofluoromethane
Concen: 54.011 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

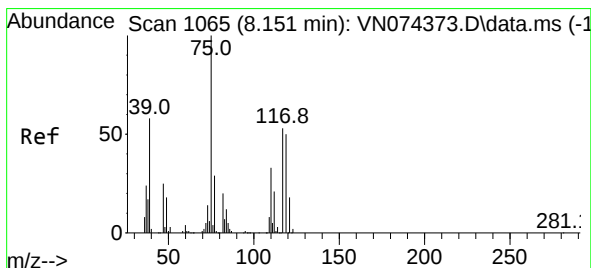
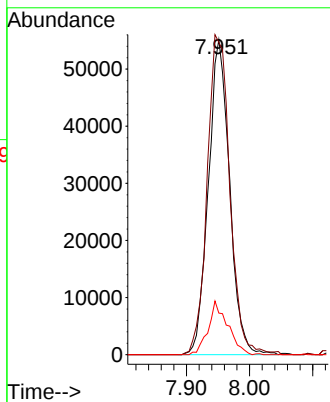
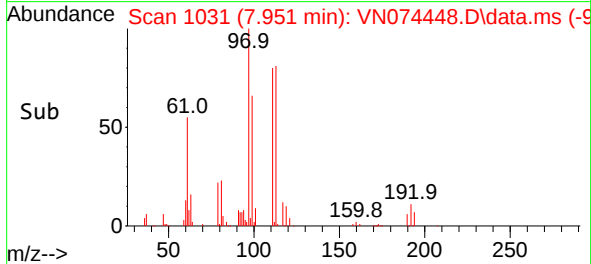
Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS



Tgt Ion: 113 Resp: 128829
Ion Ratio Lower Upper
113 100
111 108.2 83.0 124.4
192 15.7 13.7 20.5

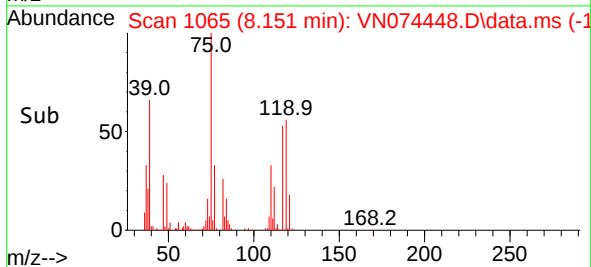
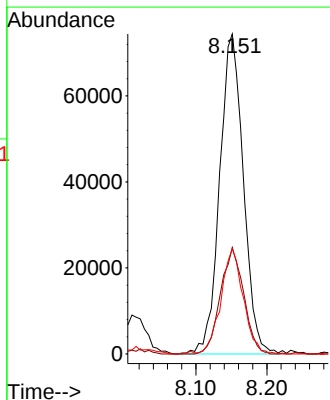
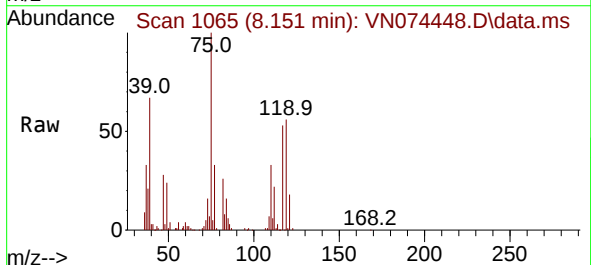
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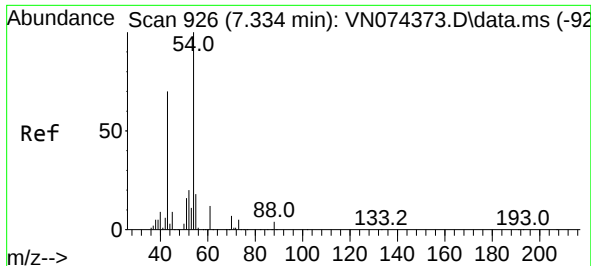
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#36
1,1-Dichloropropene
Concen: 43.824 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

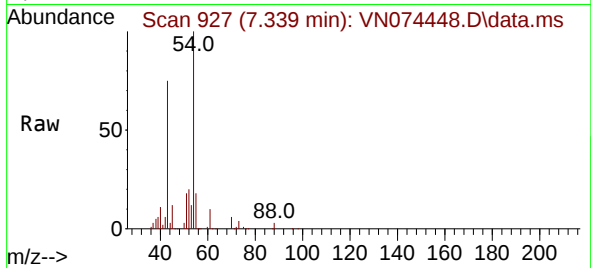
Tgt Ion: 75 Resp: 172206
Ion Ratio Lower Upper
75 100
110 32.6 16.4 49.1
77 31.1 25.4 38.2





#37
Ethyl Acetate
Concen: 44.044 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

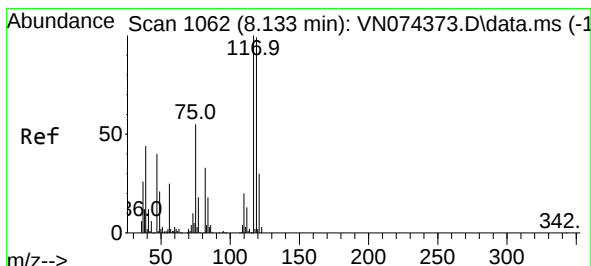
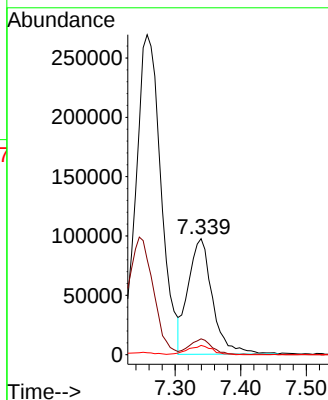
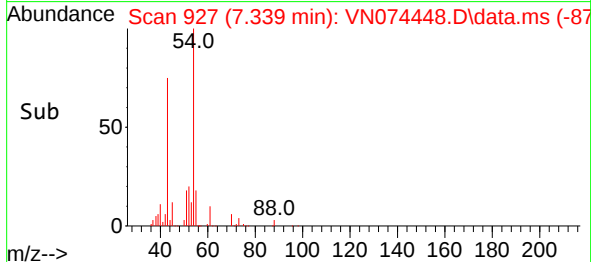
Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS



Tgt Ion: 43 Resp: 251058
Ion Ratio Lower Upper
43 100
61 12.0 11.1 16.7
70 7.9 7.2 10.8

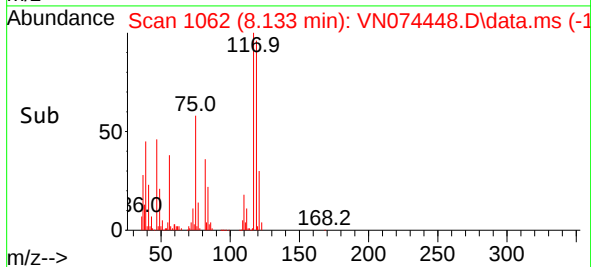
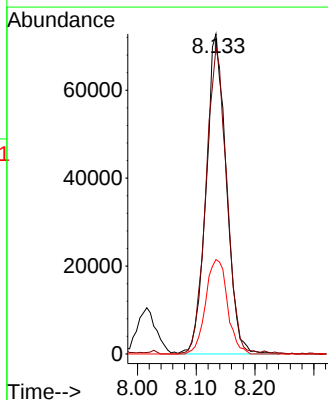
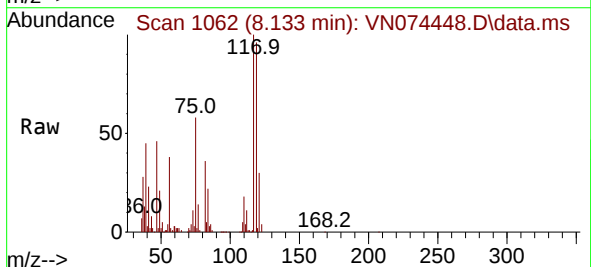
Manual Integrations
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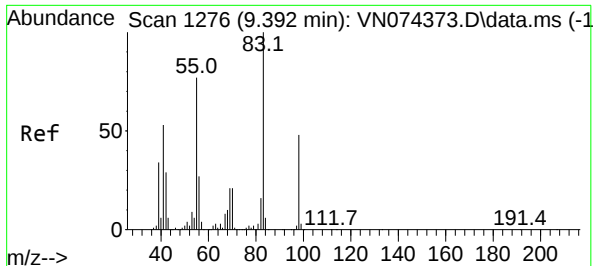
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#38
Carbon Tetrachloride
Concen: 42.965 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

Tgt Ion:117 Resp: 174296
Ion Ratio Lower Upper
117 100
119 95.7 78.8 118.2
121 29.5 24.1 36.1





#39

Methylcyclohexane

Concen: 40.107 ug/l

RT: 9.398 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VN074448.D

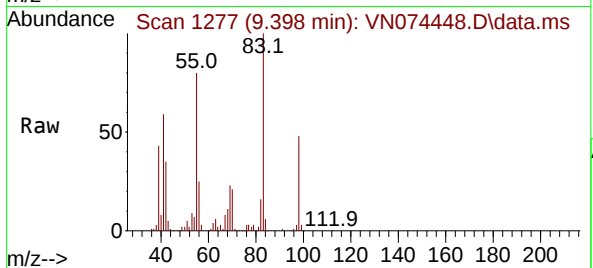
Acq: 13 Sep 2022 21:23

Instrument :

MSVOA_N

ClientSampleId :

MW-09-1.5-11.5-083122MS

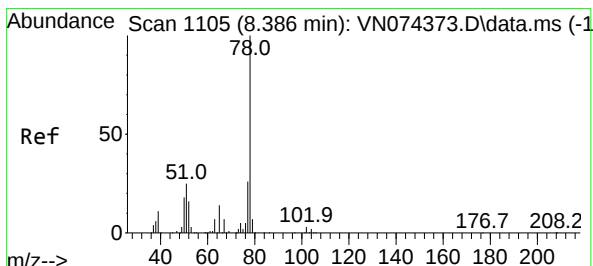
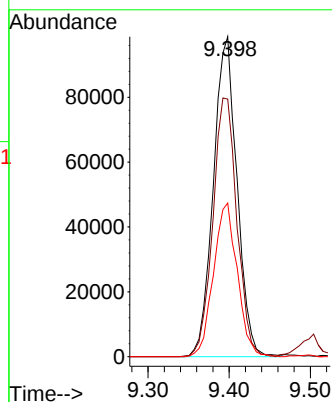
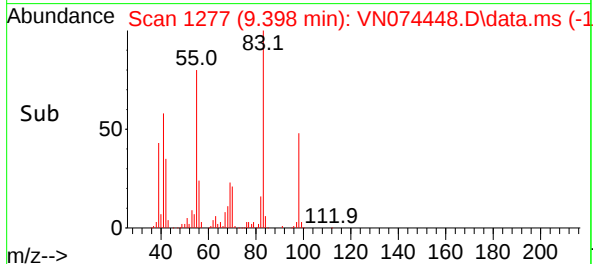


Tgt Ion:	83	Resp:	19974
Ion Ratio	100	Lower	Upper
83	100		
55	80.5	61.2	91.8
98	48.0	38.5	57.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#40

Benzene

Concen: 44.551 ug/l

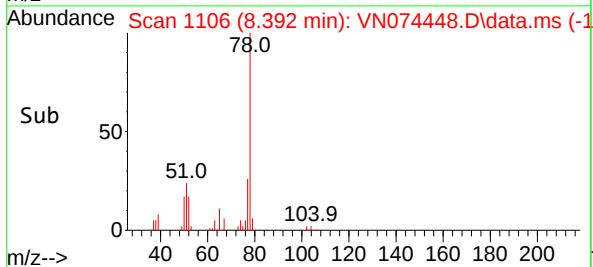
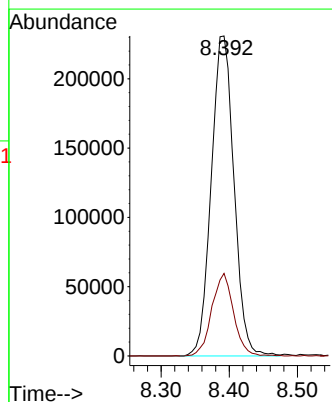
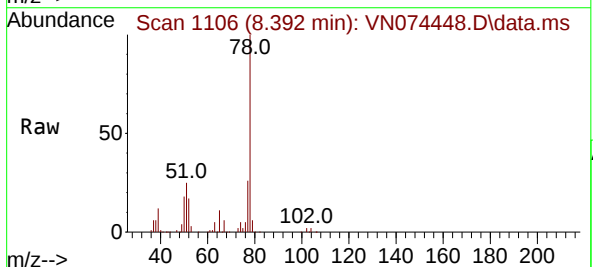
RT: 8.392 min Scan# 1106

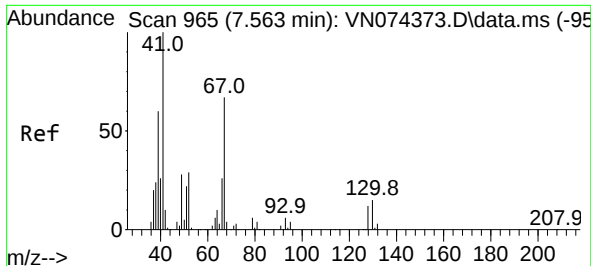
Delta R.T. 0.006 min

Lab File: VN074448.D

Acq: 13 Sep 2022 21:23

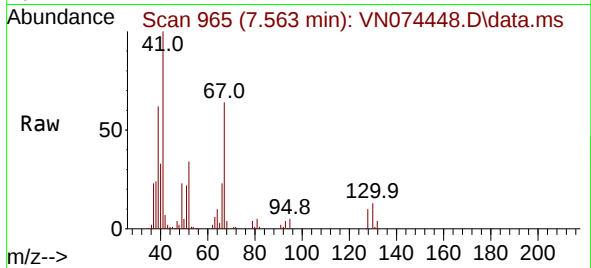
Tgt Ion:	78	Resp:	536007
Ion Ratio	100	Lower	Upper
78	100		
77	25.8	20.6	31.0





#41
Methacrylonitrile
Concen: 47.892 ug/l
RT: 7.563 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

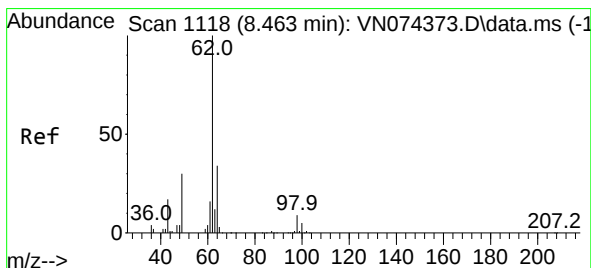
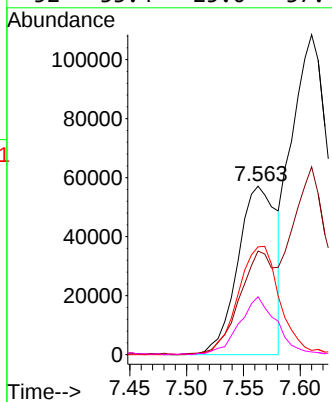
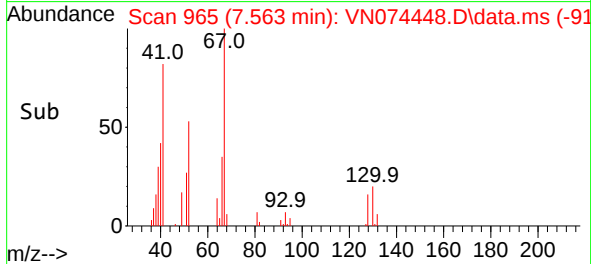
Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS



Tgt Ion: 41 Resp: 13546
Ion Ratio Lower Upper
41 100
39 51.3 39.2 58.8
67 69.7 53.6 80.4
52 33.4 25.0 37.4

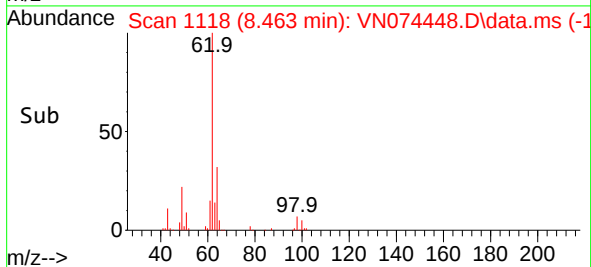
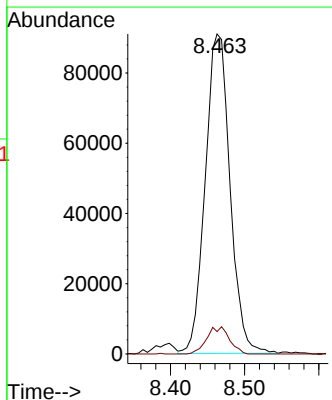
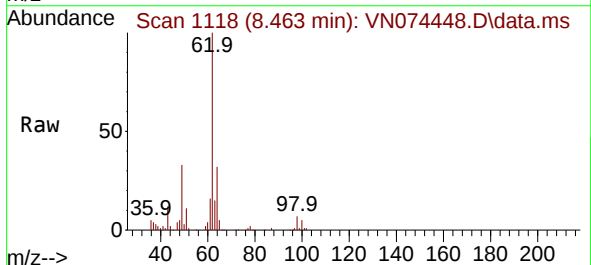
Manual Integrations
APPROVED

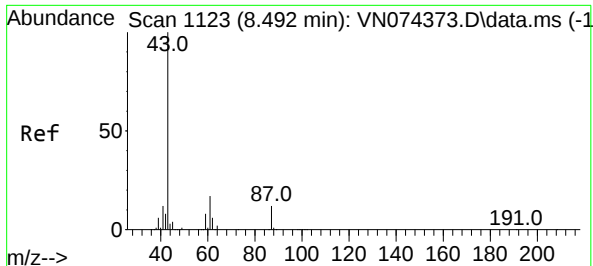
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#42
1,2-Dichloroethane
Concen: 45.975 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

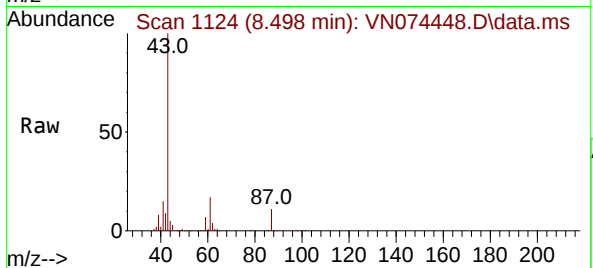
Tgt Ion: 62 Resp: 211462
Ion Ratio Lower Upper
62 100
98 7.8 0.0 17.6





#43
Isopropyl Acetate
Concen: 42.571 ug/l
RT: 8.498 min Scan# 1123
Delta R.T. 0.006 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

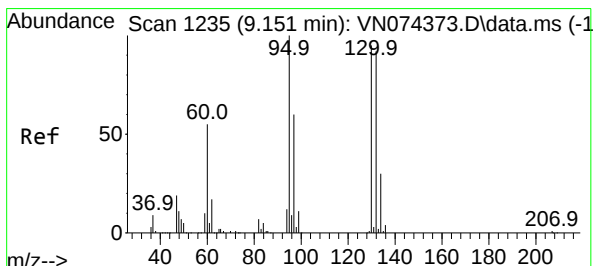
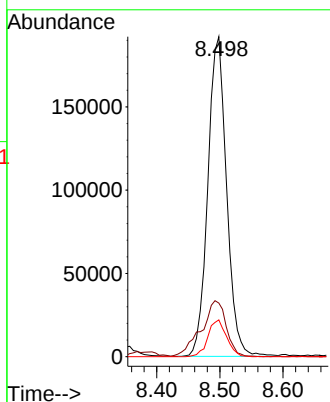
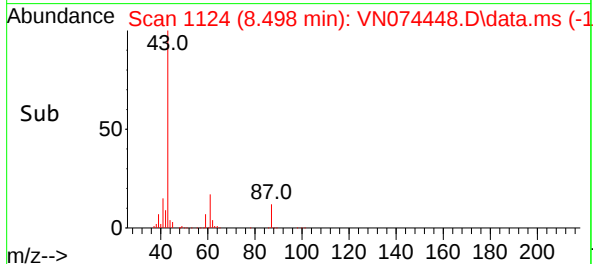
Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS



Tgt Ion: 43 Resp: 396854
Ion Ratio Lower Upper
43 100
61 23.4 18.6 27.8
87 11.4 9.4 14.2

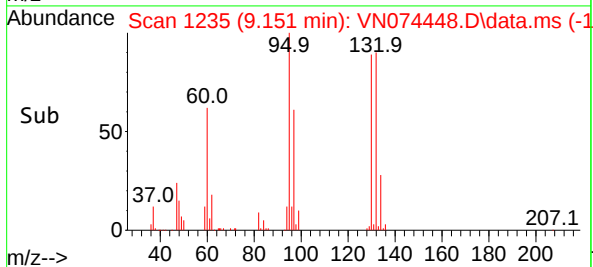
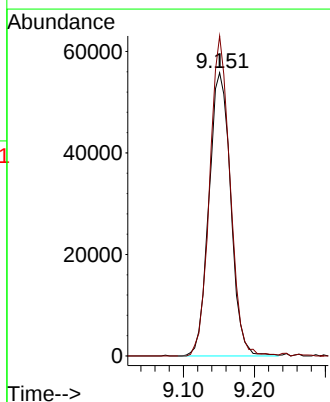
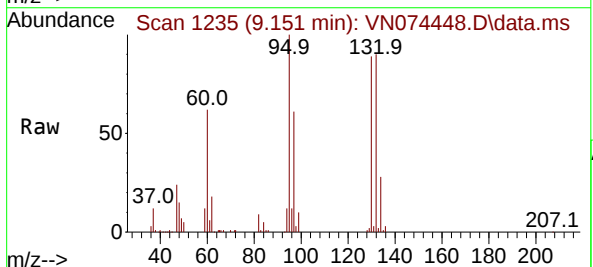
Manual Integrations
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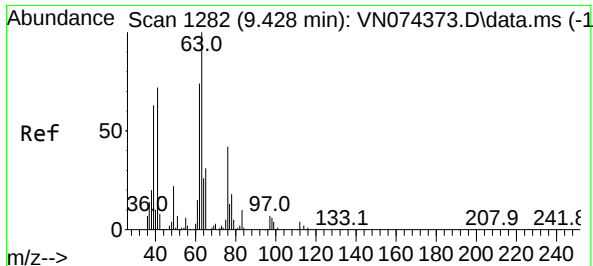
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#44
Trichloroethene
Concen: 43.888 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

Tgt Ion:130 Resp: 118378
Ion Ratio Lower Upper
130 100
95 113.0 0.0 210.0





#45

1,2-Dichloropropane

Concen: 45.929 ug/l

RT: 9.427 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN074448.D

Acq: 13 Sep 2022 21:23

Instrument :

MSVOA_N

ClientSampleId :

MW-09-1.5-11.5-083122MS

Tgt Ion: 63 Resp: 146689

Ion Ratio Lower Upper

63 100

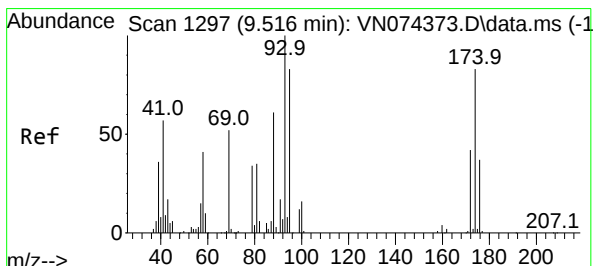
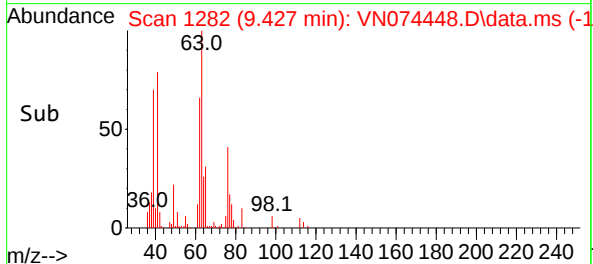
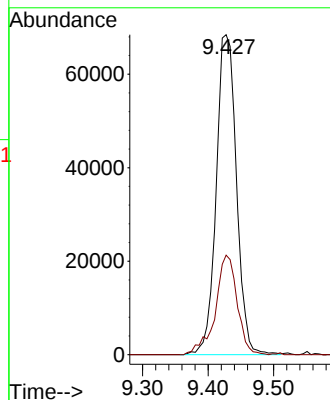
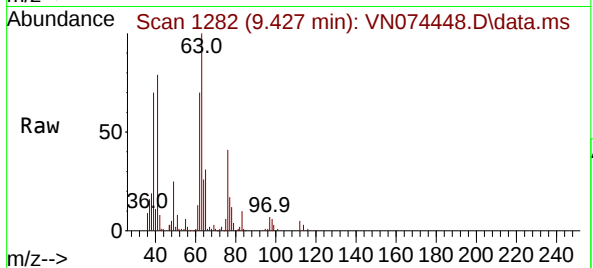
65 31.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#46

Dibromomethane

Concen: 46.755 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN074448.D

Acq: 13 Sep 2022 21:23

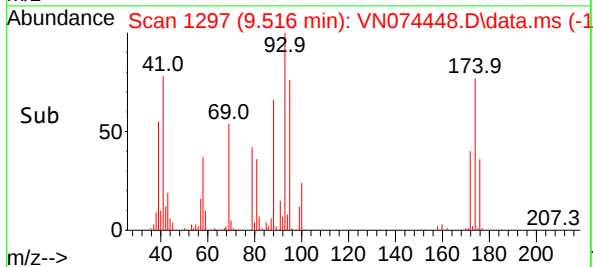
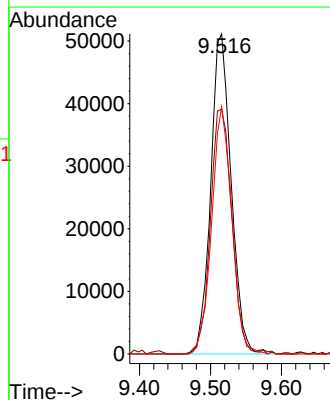
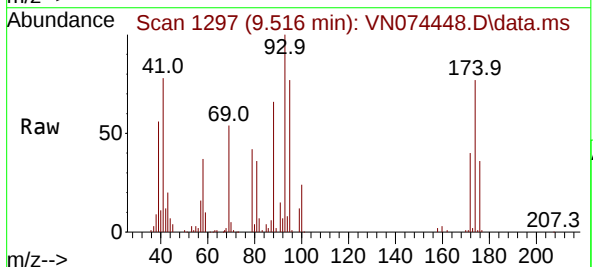
Tgt Ion: 93 Resp: 102242

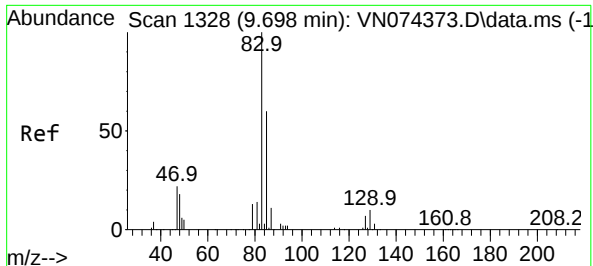
Ion Ratio Lower Upper

93 100

95 79.9 67.5 101.3

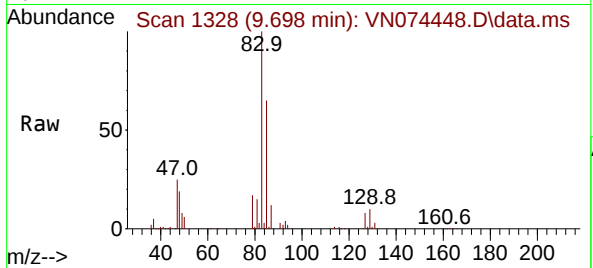
174 76.1 67.2 100.8





#47
Bromodichloromethane
Concen: 44.998 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

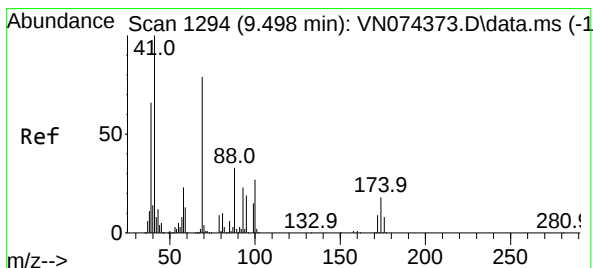
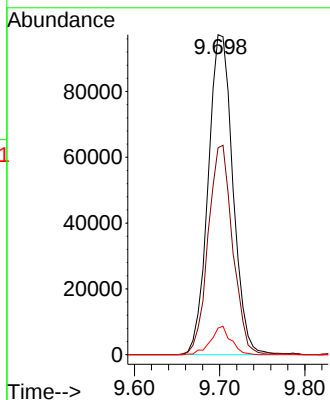
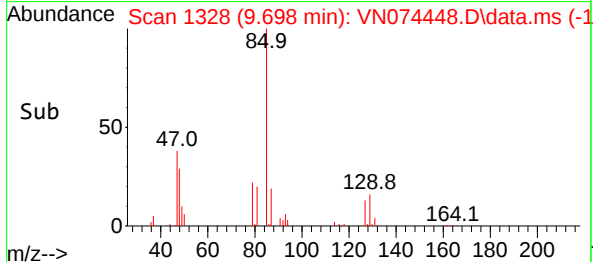
Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS



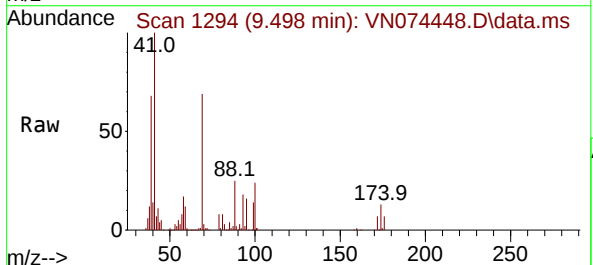
Tgt Ion: 83 Resp: 196139
Ion Ratio Lower Upper
83 100
85 64.6 47.7 71.5
127 8.3 5.4 8.2

Manual Integrations
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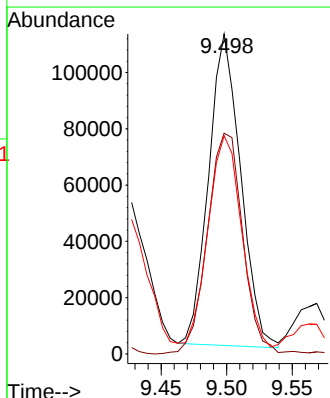
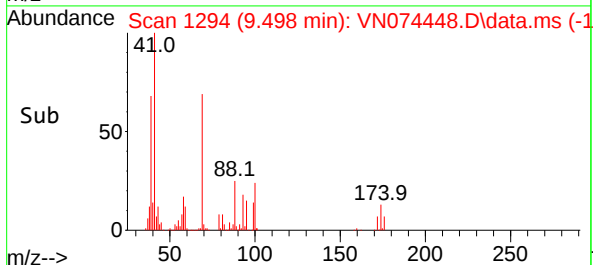
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

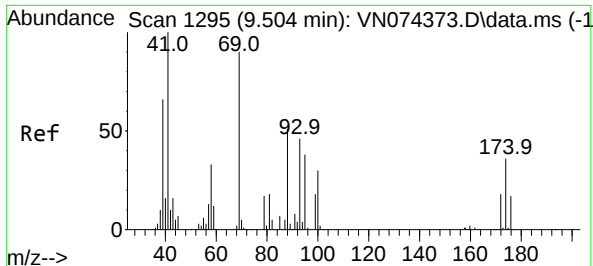


#48
Methyl methacrylate
Concen: 45.811 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23



Tgt Ion: 41 Resp: 188209
Ion Ratio Lower Upper
41 100
69 77.9 67.6 101.4
39 75.6 58.2 87.4





#49

1,4-Dioxane

Concen: 891.044 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VN074448.D

Acq: 13 Sep 2022 21:23

Instrument :

MSVOA_N

ClientSampleId :

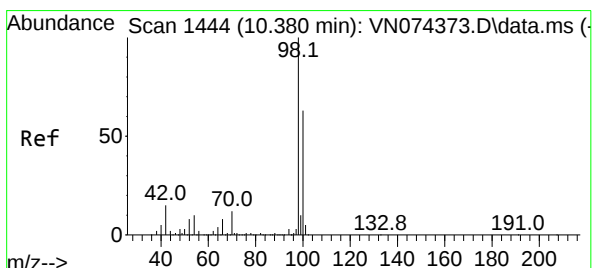
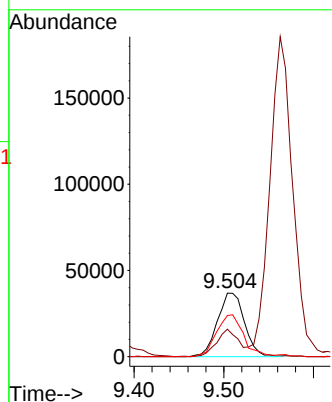
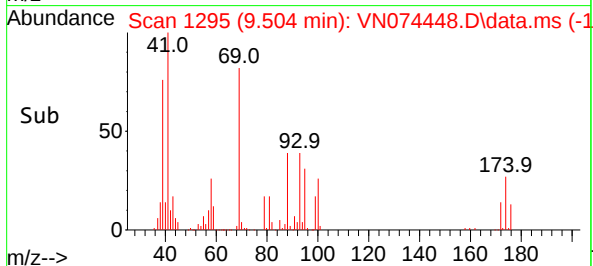
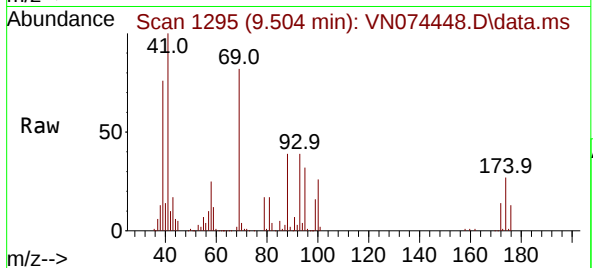
MW-09-1.5-11.5-083122MS

Tgt Ion: 88 Resp: 77144

Ion	Ratio	Lower	Upper
88	100		
43	33.0	26.9	40.3
58	65.9	52.7	79.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#50

Toluene-d8

Concen: 51.058 ug/l

RT: 10.380 min Scan# 1444

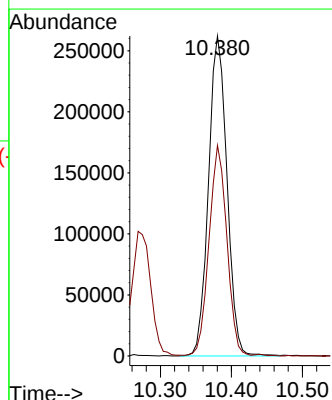
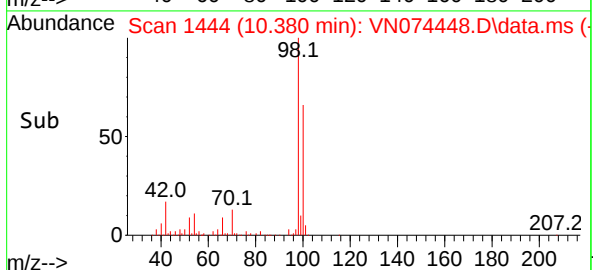
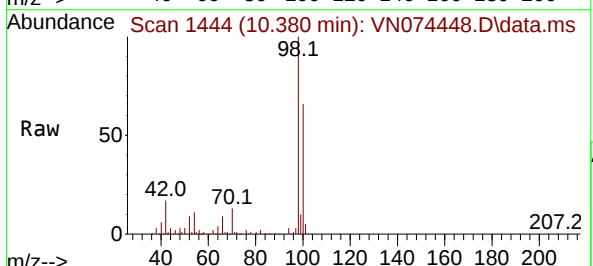
Delta R.T. 0.000 min

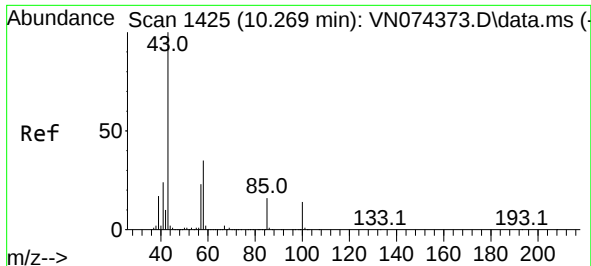
Lab File: VN074448.D

Acq: 13 Sep 2022 21:23

Tgt Ion: 98 Resp: 474532

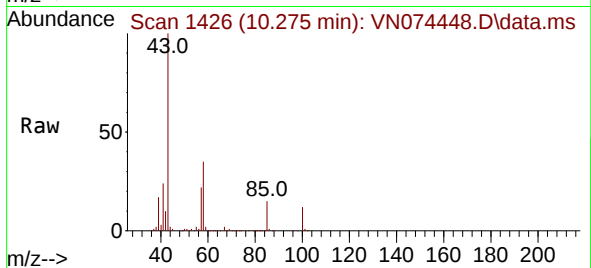
Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.6	76.0





#51
4-Methyl-2-Pentanone
Concen: 249.323 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

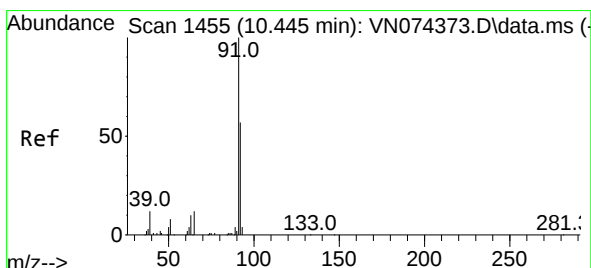
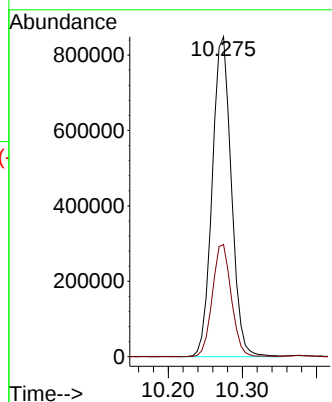
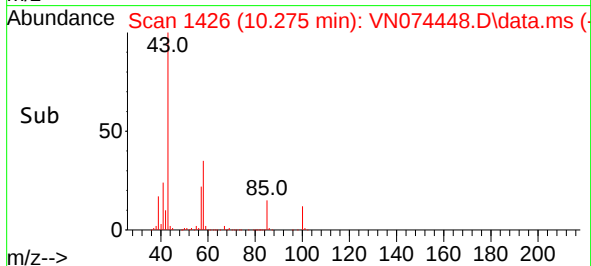
Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS



Tgt Ion: 43 Resp: 151995
Ion Ratio Lower Upper
43 100
58 34.8 29.0 43.6

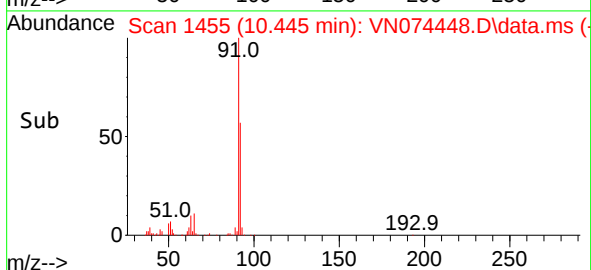
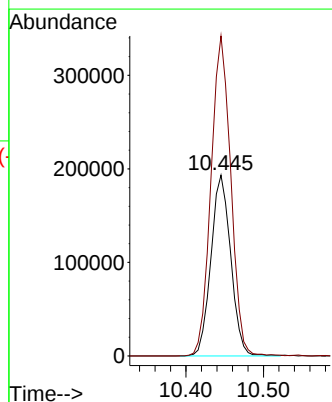
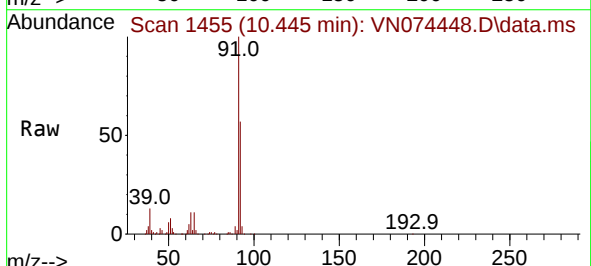
Manual Integrations
APPROVED

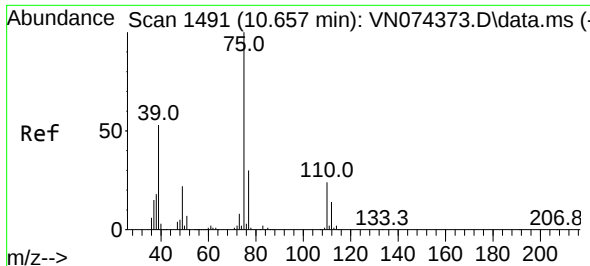
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#52
Toluene
Concen: 45.986 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

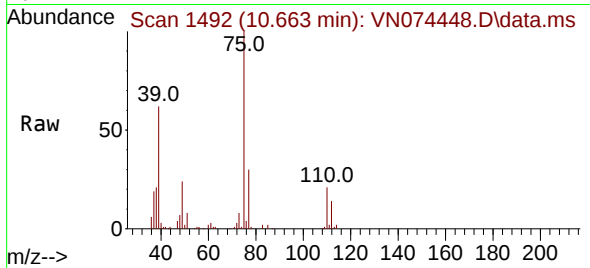
Tgt Ion: 92 Resp: 342156
Ion Ratio Lower Upper
92 100
91 177.6 139.8 209.6





#53
t-1,3-Dichloropropene
Concen: 42.102 ug/l
RT: 10.663 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

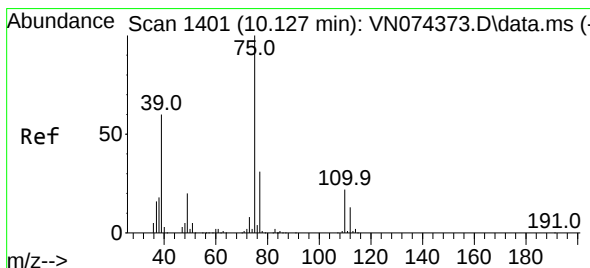
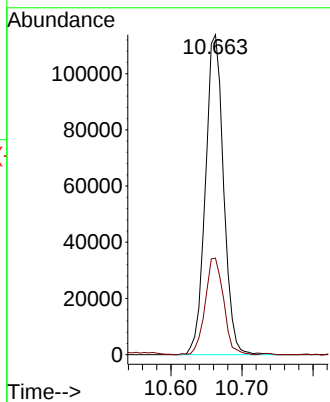
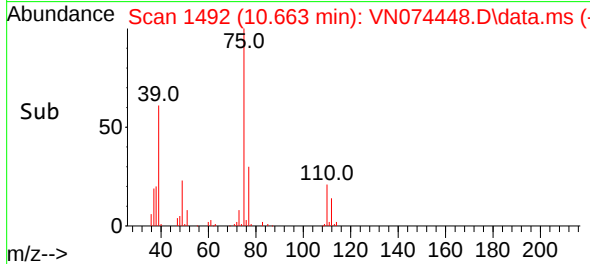
Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS



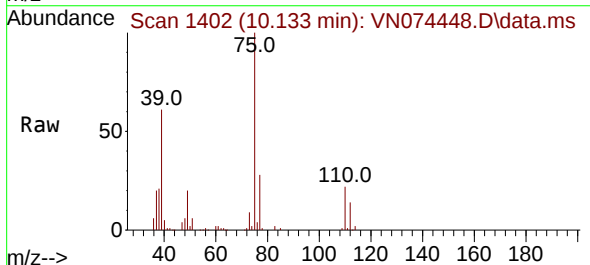
Tgt Ion: 75 Resp: 202440
Ion Ratio Lower Upper
75 100
77 30.2 23.9 35.9

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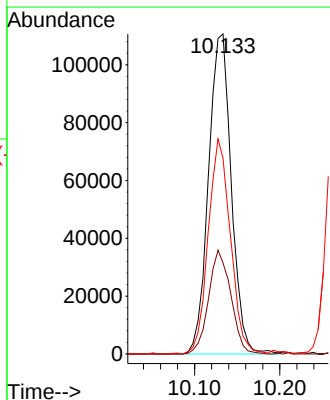
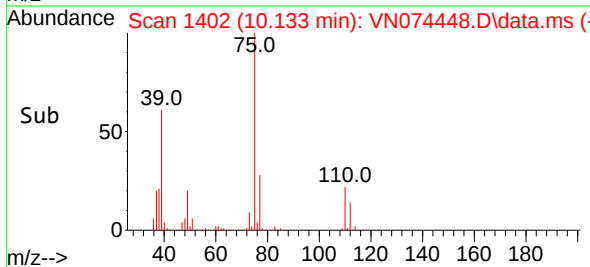
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

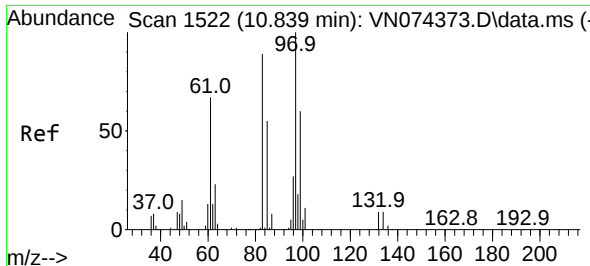


#54
cis-1,3-Dichloropropene
Concen: 40.199 ug/l
RT: 10.133 min Scan# 1402
Delta R.T. 0.006 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23



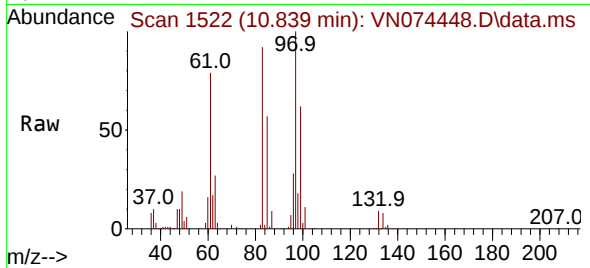
Tgt Ion: 75 Resp: 206065
Ion Ratio Lower Upper
75 100
77 28.5 24.5 36.7
39 61.0 48.0 72.0





#55
1,1,2-Trichloroethane
Concen: 44.203 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

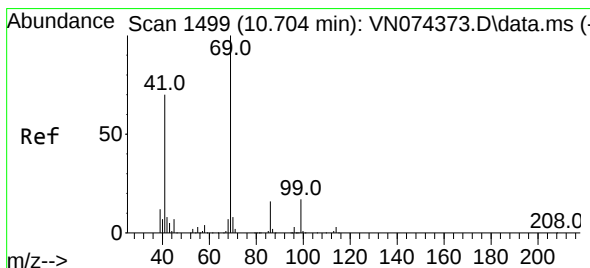
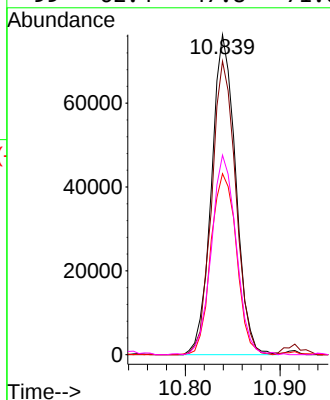
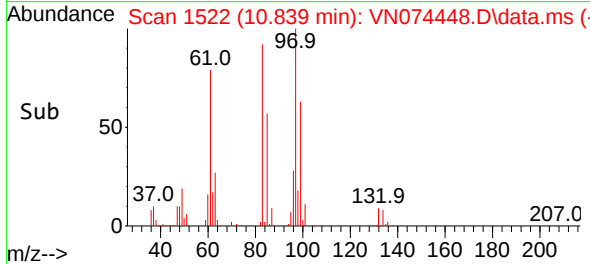
Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS



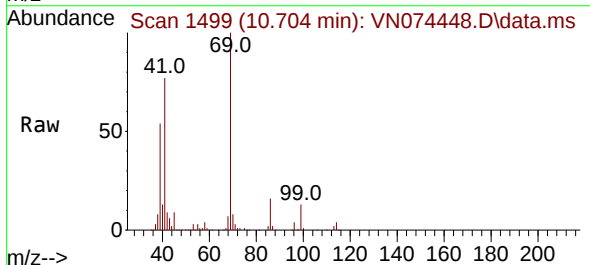
Tgt Ion: 97 Resp: 135570
Ion Ratio Lower Upper
97 100
83 91.7 70.8 106.2
85 56.6 44.1 66.1
99 62.4 47.8 71.6

Manual Integrations
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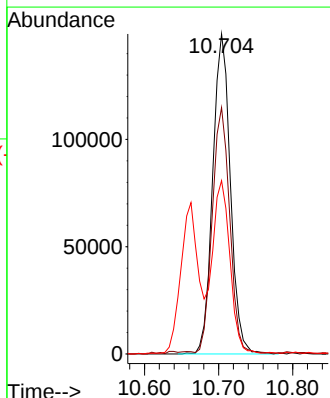
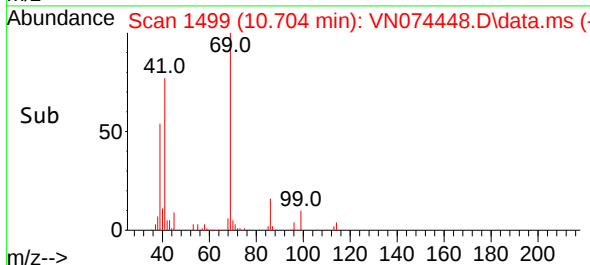
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

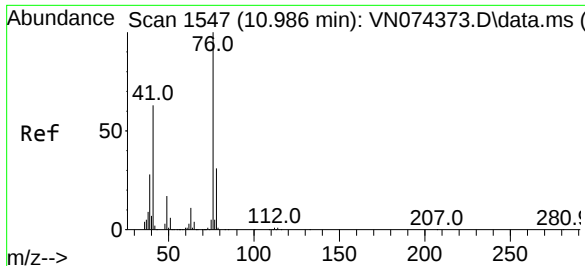


#56
Ethyl methacrylate
Concen: 47.275 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23



Tgt Ion: 69 Resp: 246356
Ion Ratio Lower Upper
69 100
41 76.8 56.6 85.0
39 53.7 37.4 56.2





#57

1,3-Dichloropropane

Concen: 45.389 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN074448.D

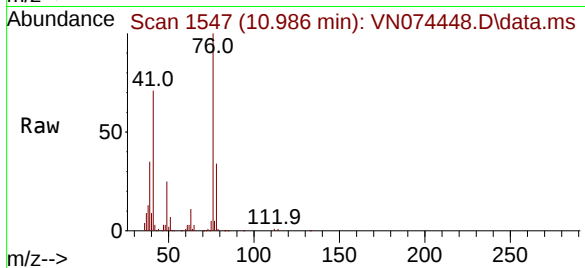
Acq: 13 Sep 2022 21:23

Instrument :

MSVOA_N

ClientSampleId :

MW-09-1.5-11.5-083122MS



Tgt Ion: 76 Resp: 243320

Ion Ratio Lower Upper

76 100

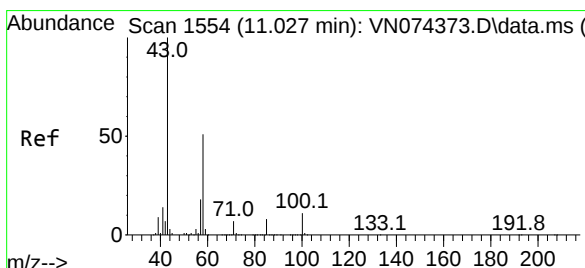
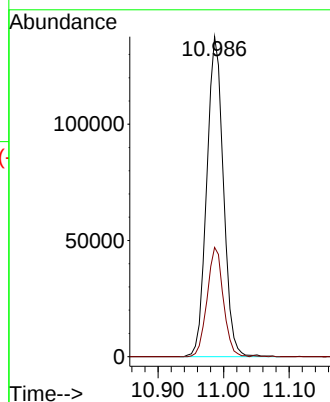
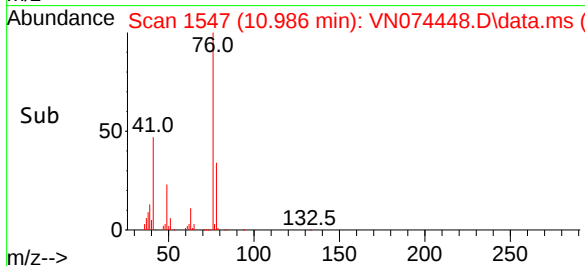
78 33.3 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#59

2-Hexanone

Concen: 256.649 ug/l

RT: 11.027 min Scan# 1554

Delta R.T. 0.000 min

Lab File: VN074448.D

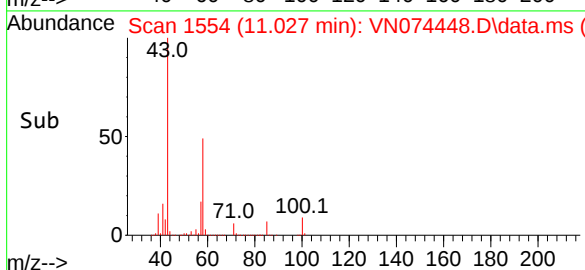
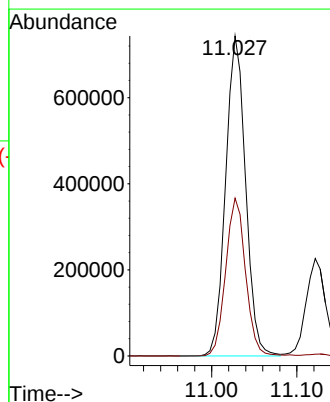
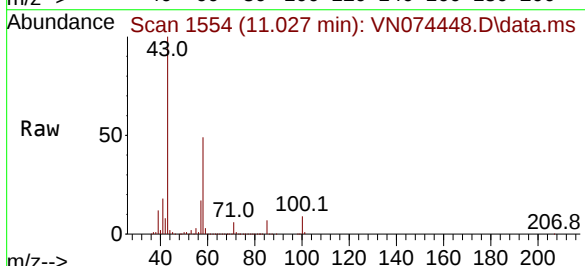
Acq: 13 Sep 2022 21:23

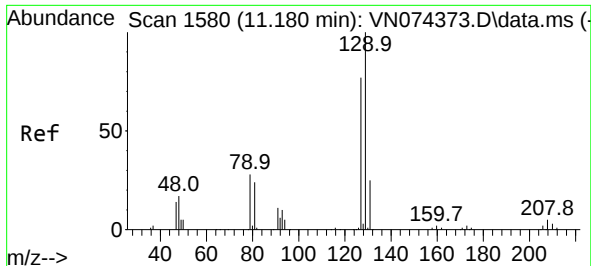
Tgt Ion: 43 Resp: 1207414

Ion Ratio Lower Upper

43 100

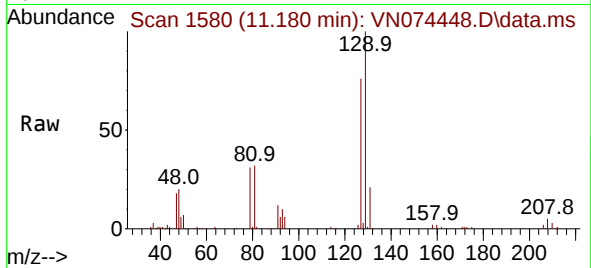
58 49.2 25.8 77.3





#60
Dibromochloromethane
Concen: 46.091 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

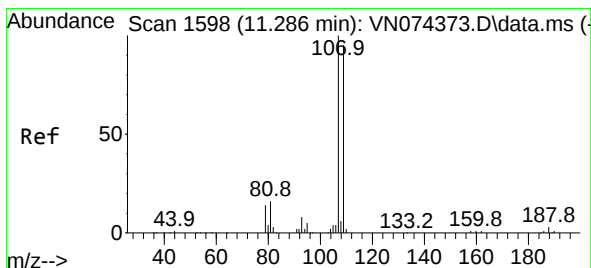
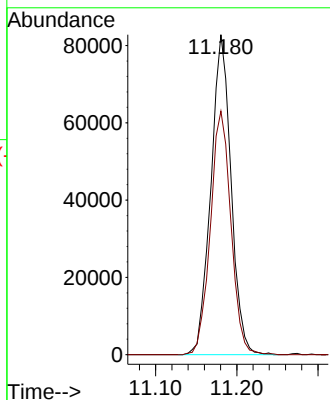
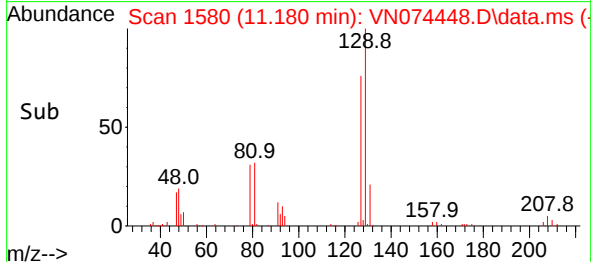
Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS



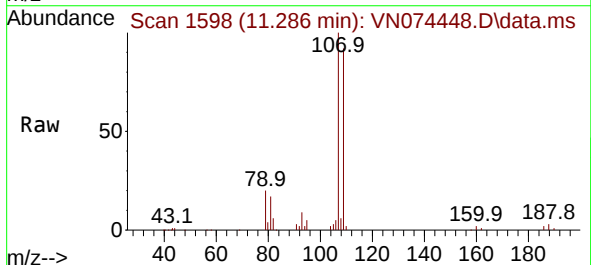
Tgt Ion:129 Resp: 14312
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.3

Manual Integrations
APPROVED

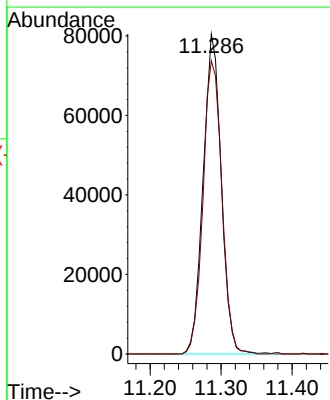
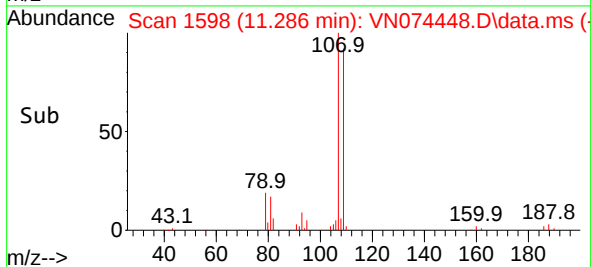
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

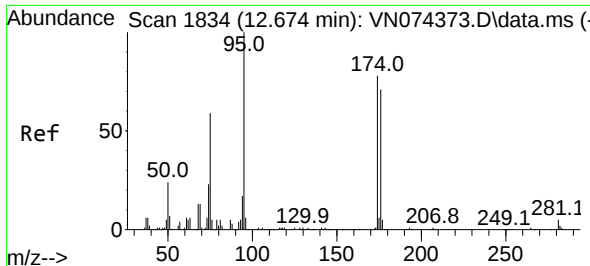


#61
1,2-Dibromoethane
Concen: 45.235 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23



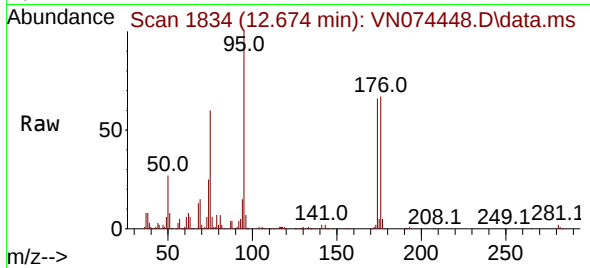
Tgt Ion:107 Resp: 142731
Ion Ratio Lower Upper
107 100
109 95.4 75.0 112.4





#62
4-Bromofluorobenzene
Concen: 51.524 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

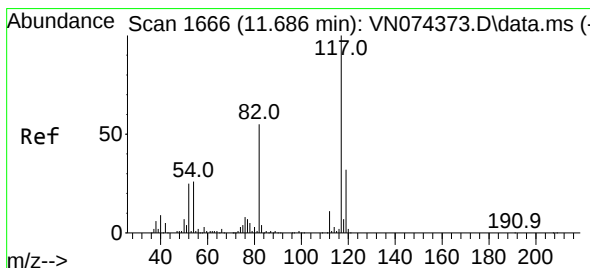
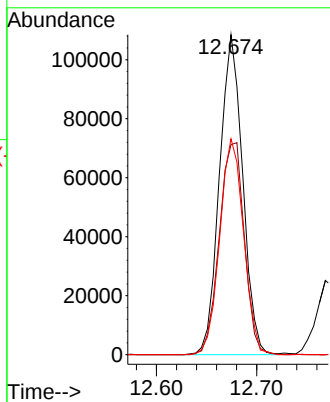
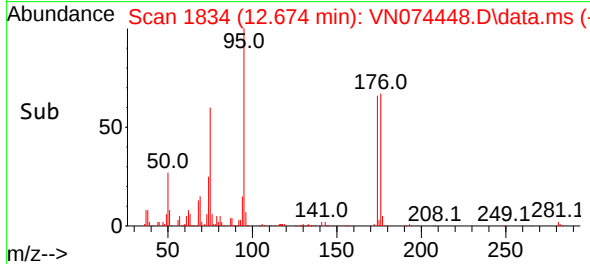
Instrument : MSVOA_N
ClientSampleId : MW-09-1.5-11.5-083122MS



Tgt Ion: 95 Resp: 17385
Ion Ratio Lower Upper
95 100
174 71.7 0.0 150.6
176 69.5 0.0 143.4

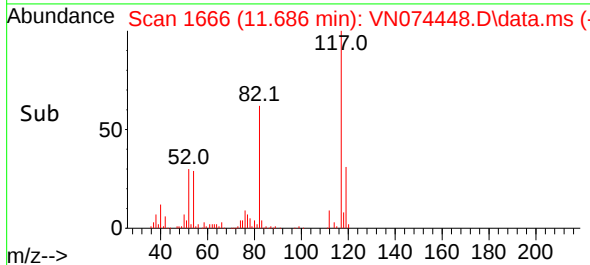
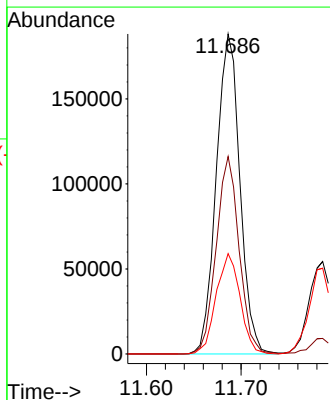
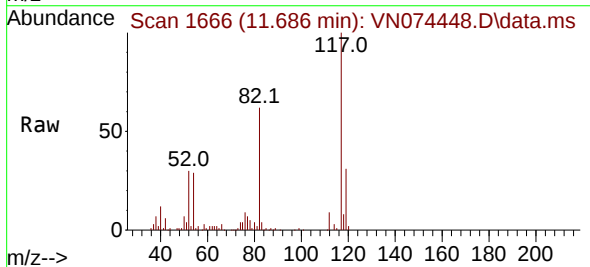
Manual Integrations
APPROVED

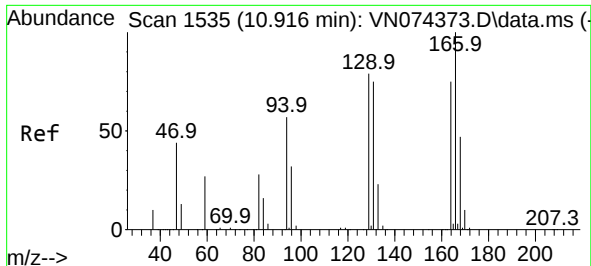
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

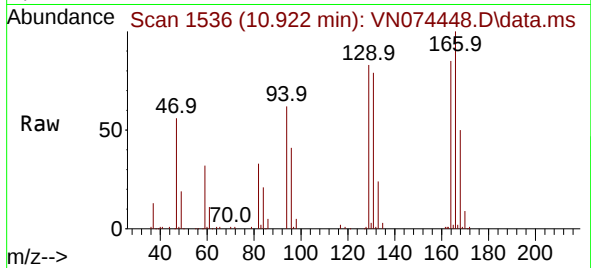
Tgt Ion:117 Resp: 326753
Ion Ratio Lower Upper
117 100
82 61.7 44.3 66.5
119 31.4 25.5 38.3





#64
Tetrachloroethene
Concen: 40.255 ug/l
RT: 10.922 min Scan# 1536
Delta R.T. 0.006 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

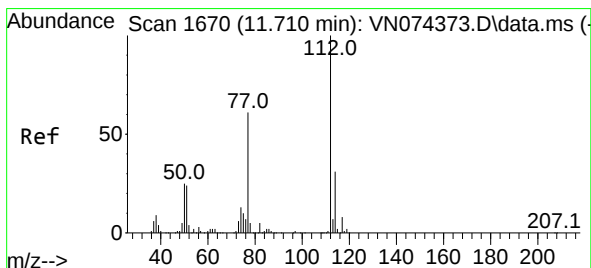
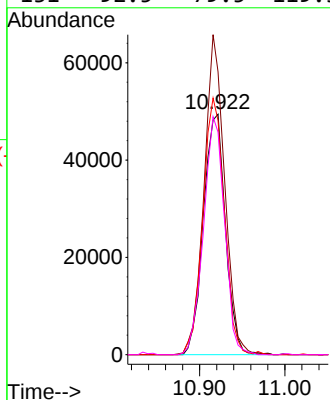
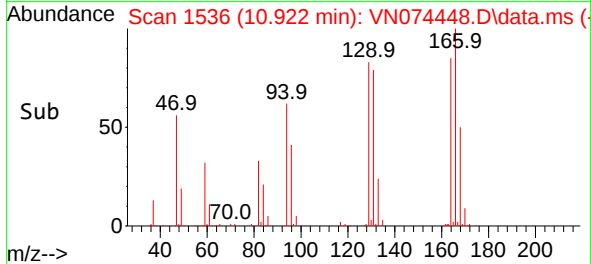
Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS



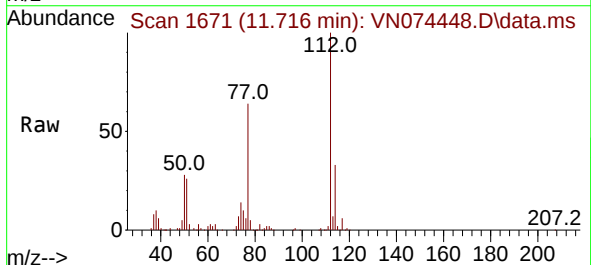
Tgt Ion:164 Resp: 89169
Ion Ratio Lower Upper
164 100
166 117.6 106.6 160.0
129 97.4 84.0 126.0
131 92.5 79.5 119.3

Manual Integrations
APPROVED

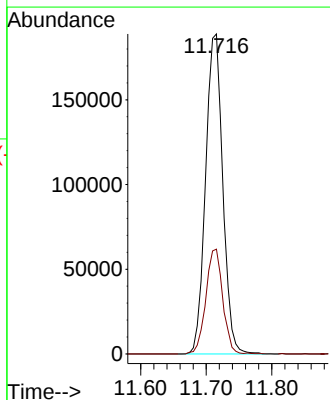
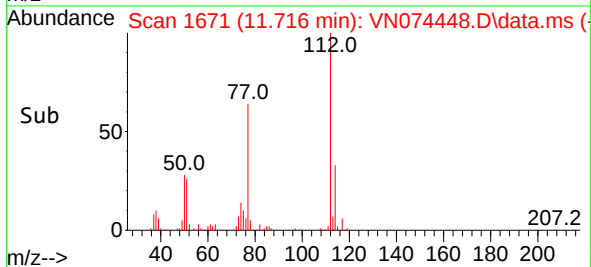
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

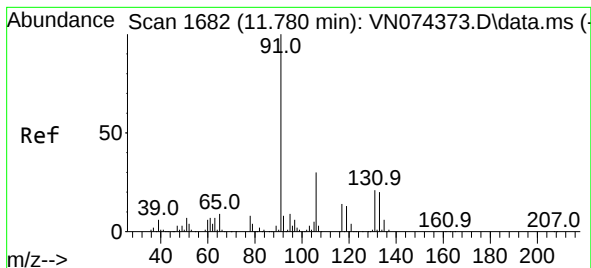


#65
Chlorobenzene
Concen: 43.709 ug/l
RT: 11.716 min Scan# 1671
Delta R.T. 0.006 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23



Tgt Ion:112 Resp: 344383
Ion Ratio Lower Upper
112 100
114 32.8 25.1 37.7





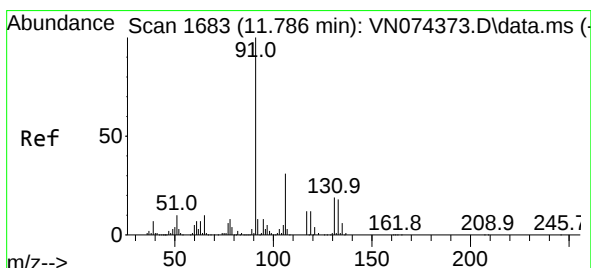
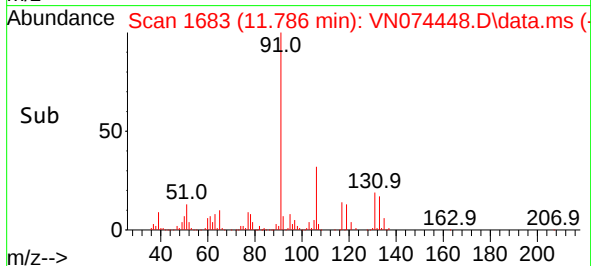
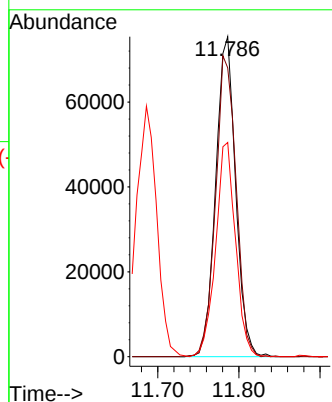
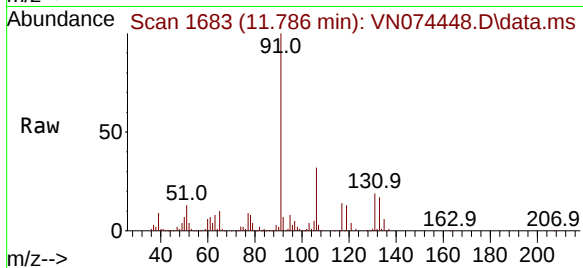
#66
1,1,1,2-Tetrachloroethane
Concen: 41.748 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS

Tgt Ion:131 Resp: 12848
Ion Ratio Lower Upper
131 100
133 97.1 47.3 141.8
119 66.8 33.0 98.9

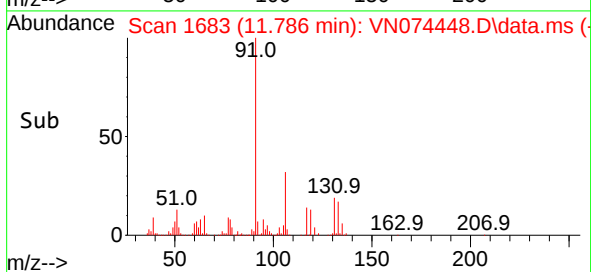
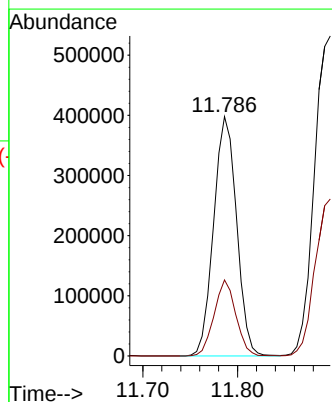
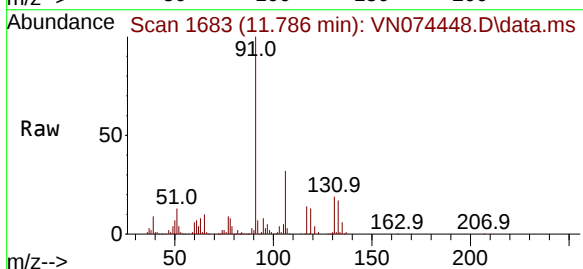
Manual Integrations
APPROVED

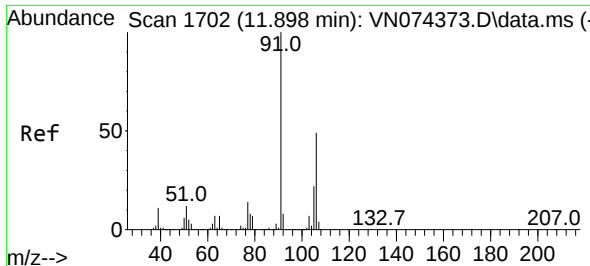
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#67
Ethyl Benzene
Concen: 45.049 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

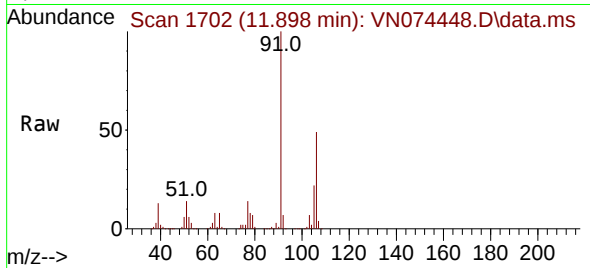
Tgt Ion: 91 Resp: 670401
Ion Ratio Lower Upper
91 100
106 31.8 24.5 36.7





#68
m/p-Xylenes
Concen: 89.787 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

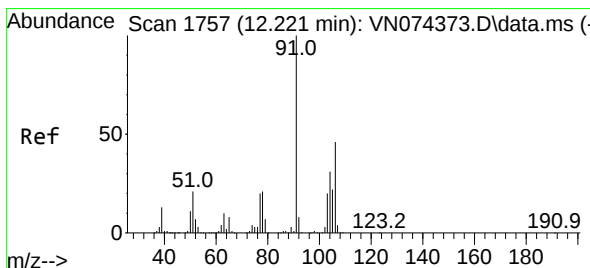
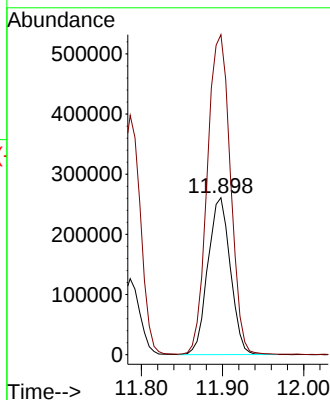
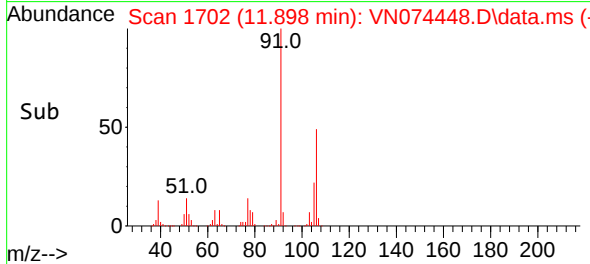
Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS



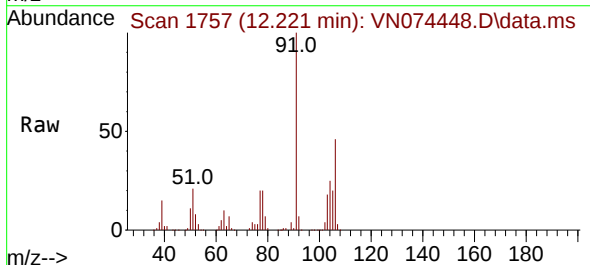
Tgt Ion:106 Resp: 502300
Ion Ratio Lower Upper
106 100
91 210.2 167.7 251.5

Manual Integrations
APPROVED

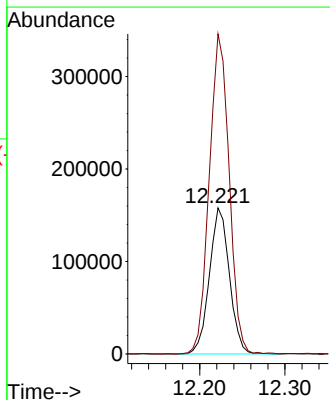
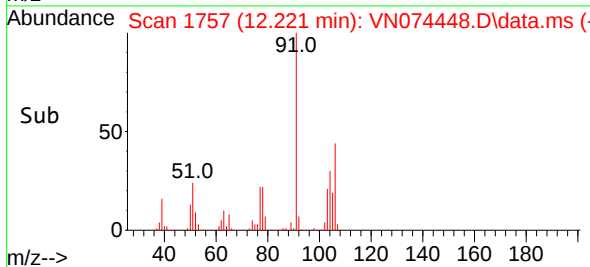
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

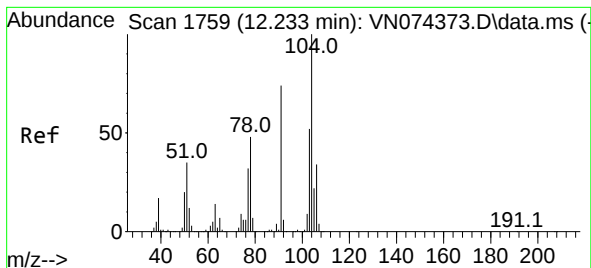


#69
o-Xylene
Concen: 45.802 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23



Tgt Ion:106 Resp: 257564
Ion Ratio Lower Upper
106 100
91 219.0 109.4 328.2





#70

Styrene

Concen: 46.790 ug/l

RT: 12.239 min Scan# 1759

Delta R.T. 0.006 min

Lab File: VN074448.D

Acq: 13 Sep 2022 21:23

Instrument :

MSVOA_N

ClientSampleId :

MW-09-1.5-11.5-083122MS

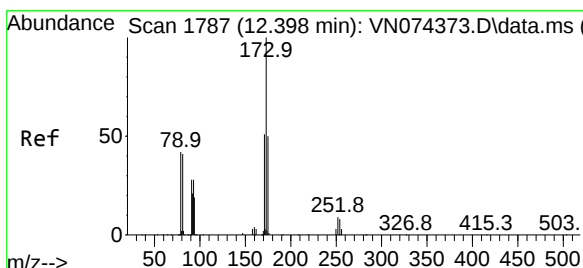
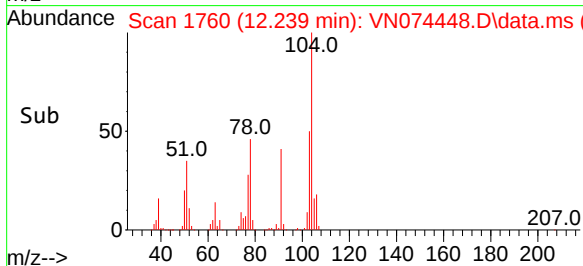
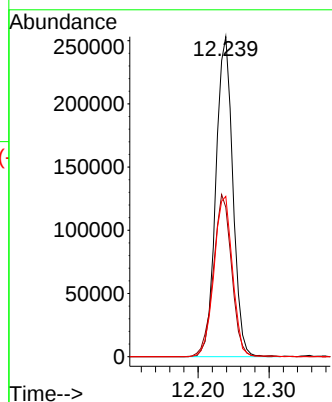
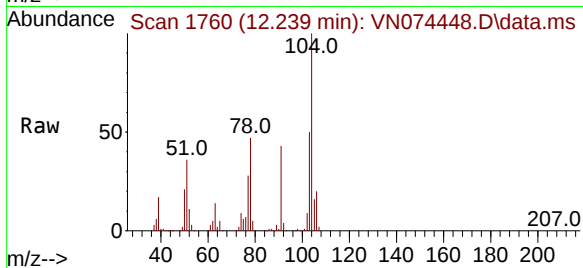
Tgt Ion:104	Resp:	41832
Ion Ratio	Lower	Upper
104	100	
78	54.5	41.8 62.6
103	54.5	43.4 65.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#71

Bromoform

Concen: 43.349 ug/l

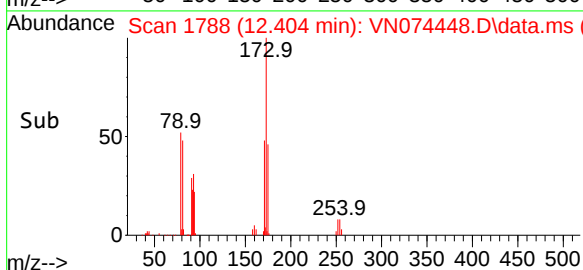
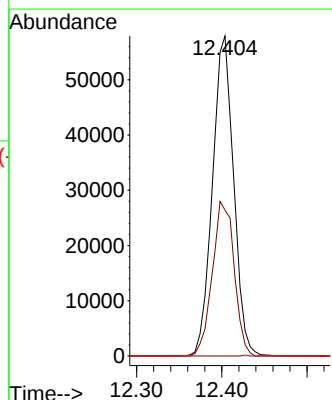
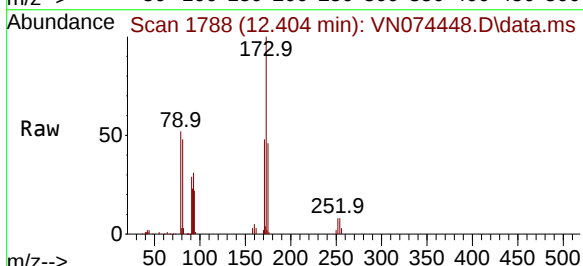
RT: 12.404 min Scan# 1788

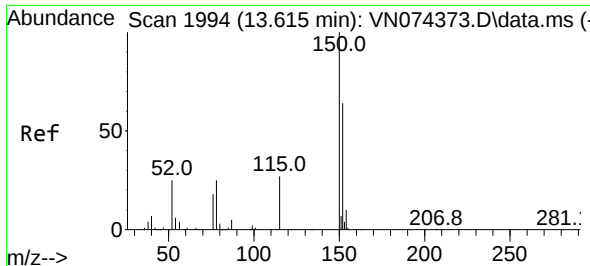
Delta R.T. 0.006 min

Lab File: VN074448.D

Acq: 13 Sep 2022 21:23

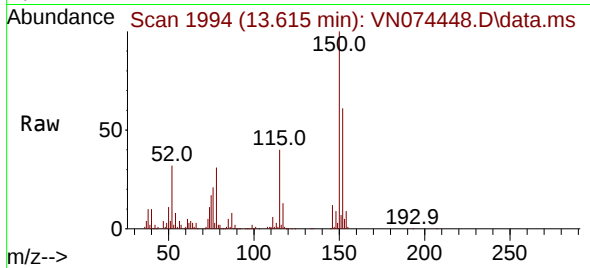
Tgt Ion:173	Resp:	99931
Ion Ratio	Lower	Upper
173	100	
175	49.8	24.1 72.3
254	0.0	0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

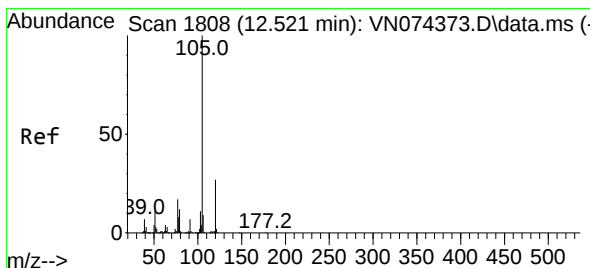
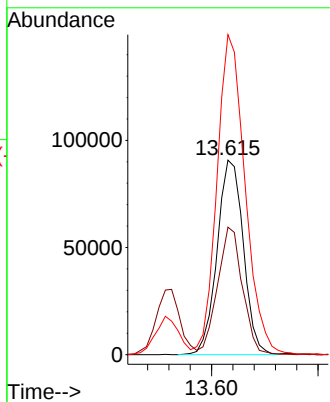
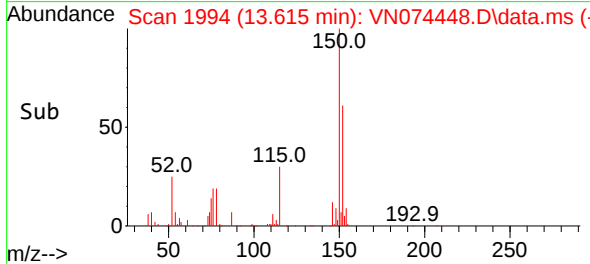
Instrument : MSVOA_N
ClientSampleId : MW-09-1.5-11.5-083122MS



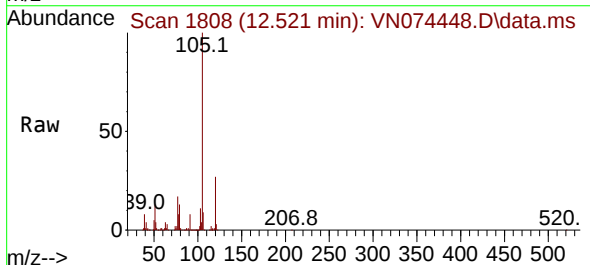
Tgt Ion:152 Resp: 155080
Ion Ratio Lower Upper
152 100
115 62.4 32.0 96.0
150 176.8 0.0 359.6

Manual Integrations
APPROVED

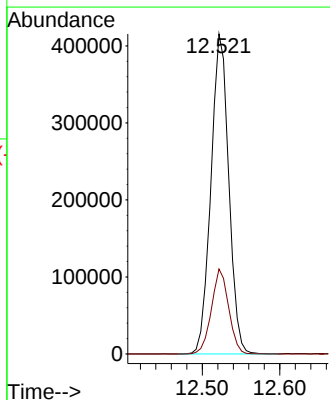
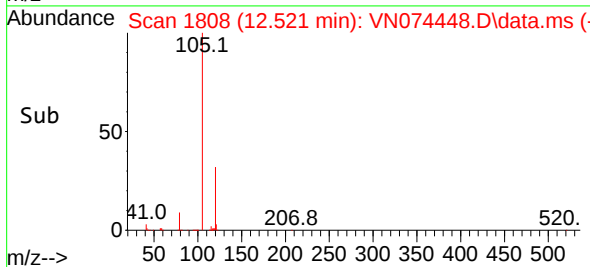
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

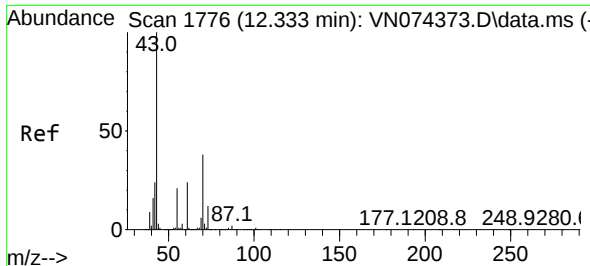


#73
Isopropylbenzene
Concen: 44.493 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23



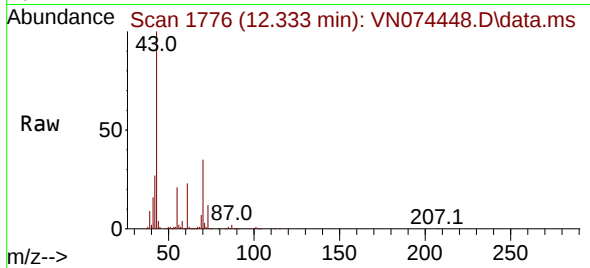
Tgt Ion:105 Resp: 662930
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1





#74
N-amy1 acetate
Concen: 47.584 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

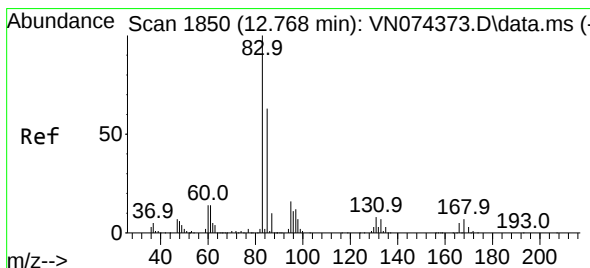
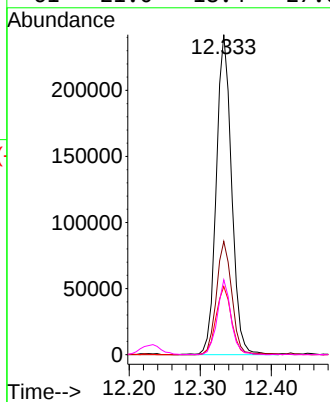
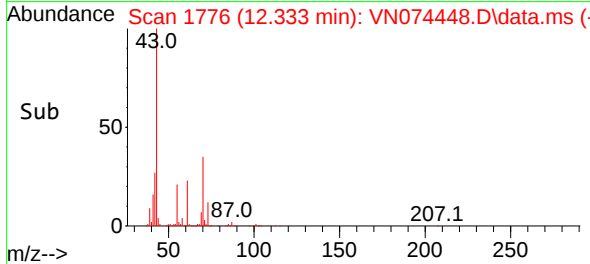
Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS



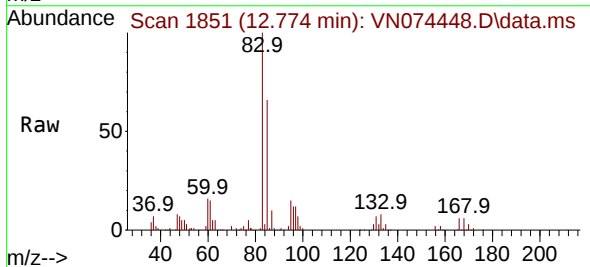
Tgt Ion: 43 Resp: 36134
Ion Ratio Lower Upper
43 100
70 35.2 31.4 47.0
55 21.7 17.0 25.6
61 21.0 18.4 27.6

Manual Integrations
APPROVED

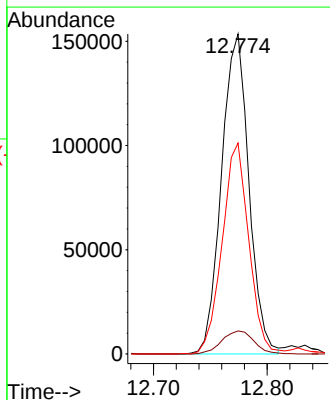
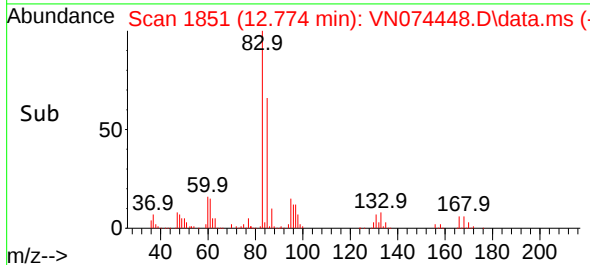
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

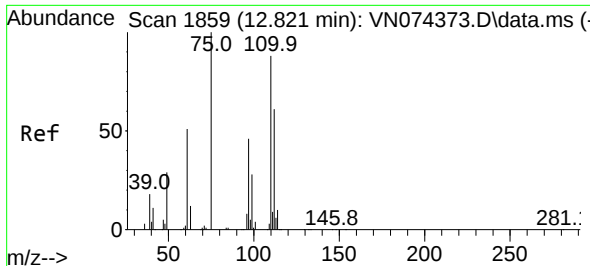


#75
1,1,2,2-Tetrachloroethane
Concen: 45.828 ug/l
RT: 12.774 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23



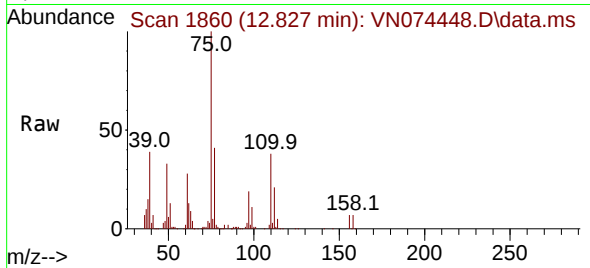
Tgt Ion: 83 Resp: 256610
Ion Ratio Lower Upper
83 100
131 8.5 4.5 13.7
85 64.2 32.3 96.8





#76
1,2,3-Trichloropropane
Concen: 49.826 ug/l m
RT: 12.827 min Scan# 1860
Delta R.T. 0.006 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

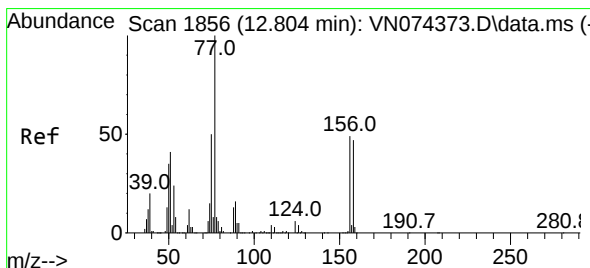
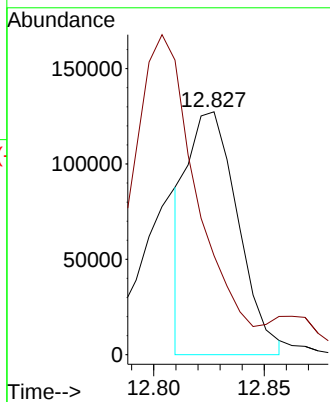
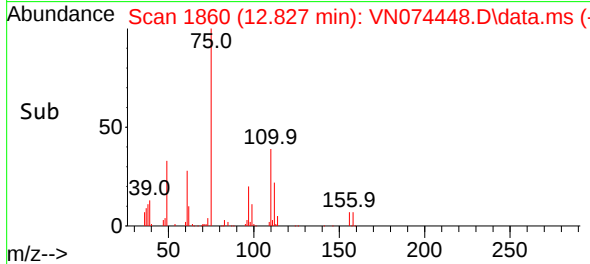
Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS



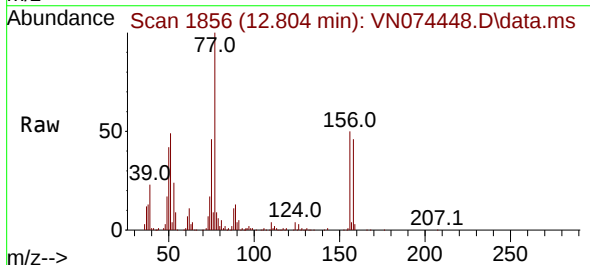
Tgt Ion: 75 Resp: 201990
Ion Ratio Lower Upper
75 100
77 0.0 78.9 236.7

Manual Integrations
APPROVED

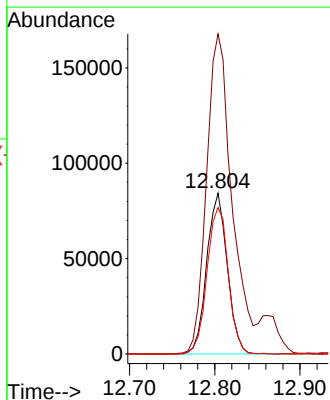
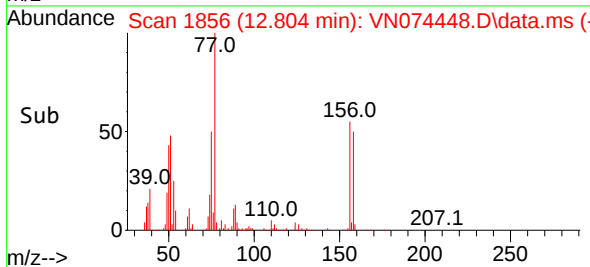
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

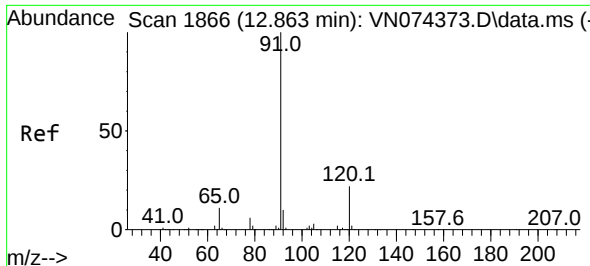


#77
Bromobenzene
Concen: 44.227 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23



Tgt Ion:156 Resp: 141465
Ion Ratio Lower Upper
156 100
77 243.9 124.4 373.1
158 94.2 49.2 147.6





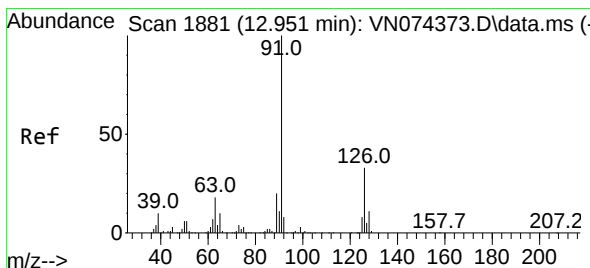
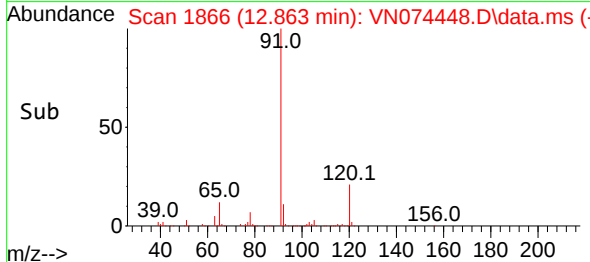
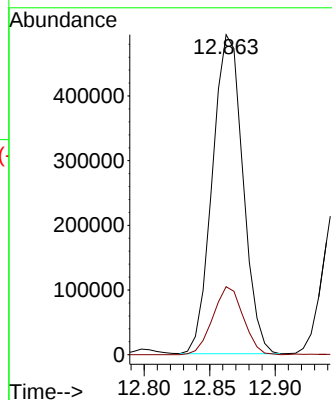
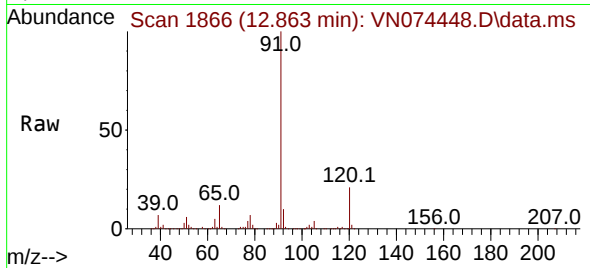
#78
n-propylbenzene
Concen: 46.851 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

Instrument : MSVOA_N
ClientSampleId : MW-09-1.5-11.5-083122MS

Tgt Ion: 91 Resp: 799699
Ion Ratio Lower Upper
91 100
120 21.1 11.1 33.1

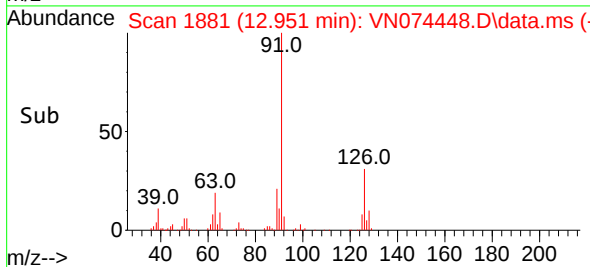
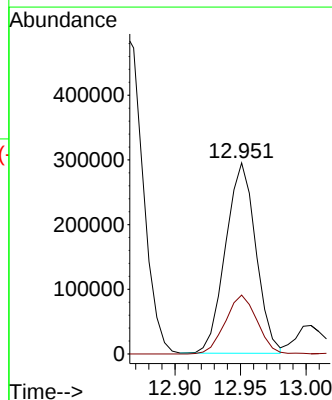
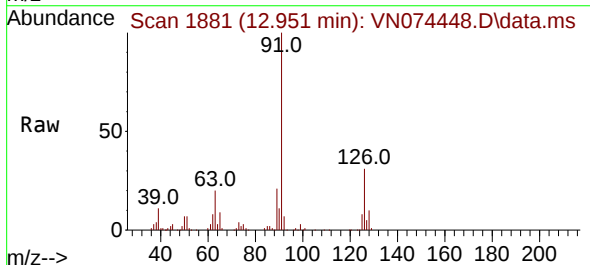
Manual Integrations
APPROVED

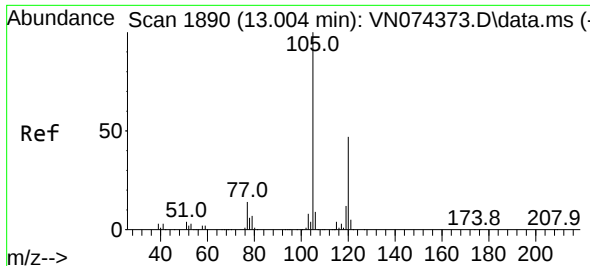
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#79
2-Chlorotoluene
Concen: 45.574 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

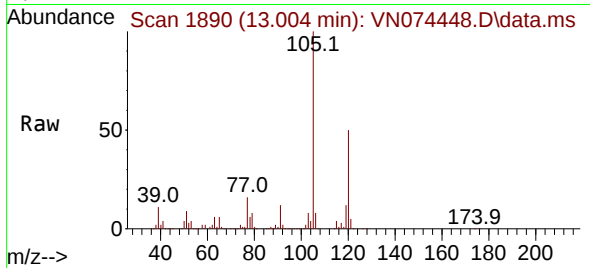
Tgt Ion: 91 Resp: 474276
Ion Ratio Lower Upper
91 100
126 32.4 16.2 48.5





#80
1,3,5-Trimethylbenzene
Concen: 46.202 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

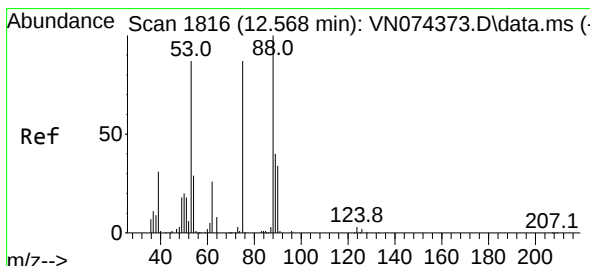
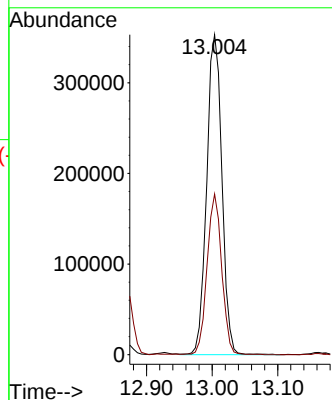
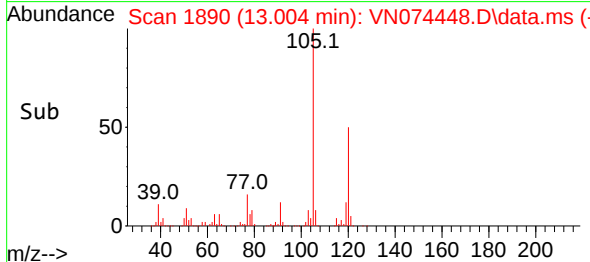
Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS



Tgt Ion:105 Resp: 571110
Ion Ratio Lower Upper
105 100
120 48.3 23.8 71.4

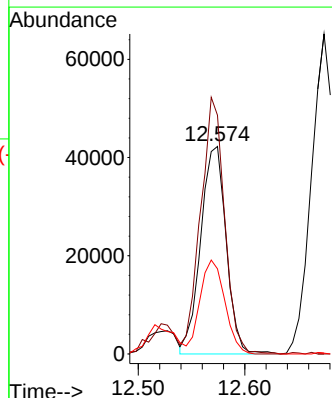
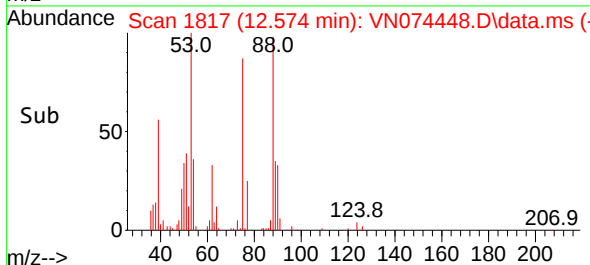
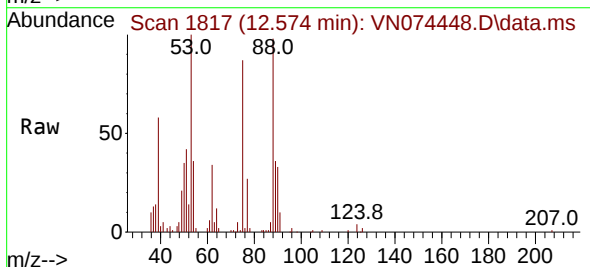
Manual Integrations
APPROVED

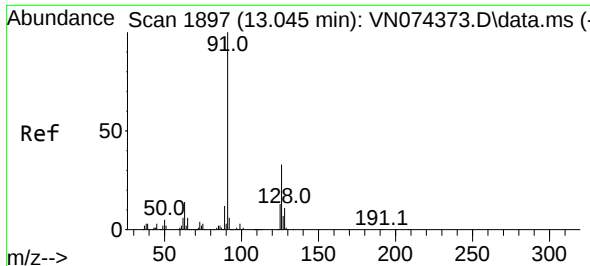
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#81
trans-1,4-Dichloro-2-butene
Concen: 38.757 ug/l
RT: 12.574 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

Tgt Ion: 75 Resp: 70491
Ion Ratio Lower Upper
75 100
53 116.3 82.2 123.2
89 43.8 37.7 56.5





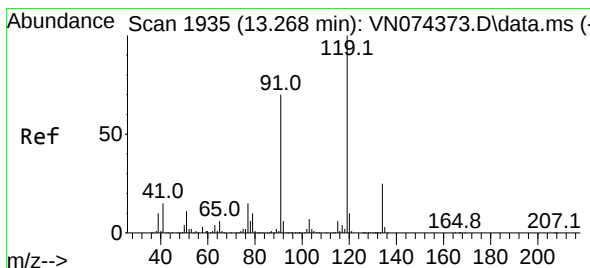
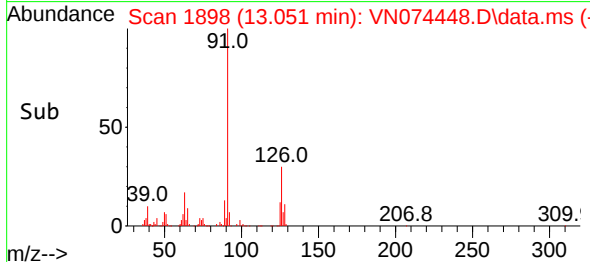
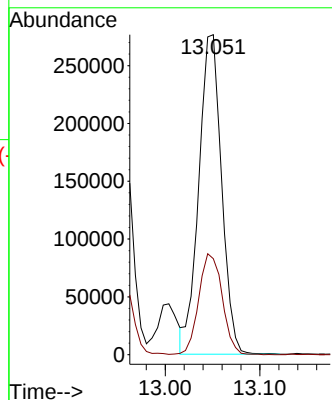
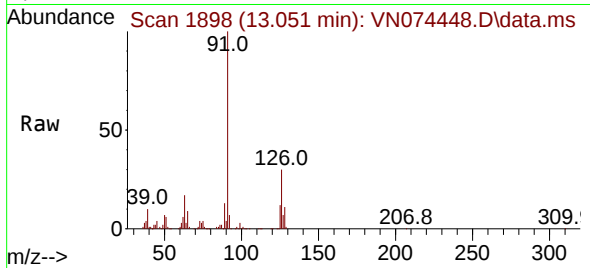
#82
4-Chlorotoluene
Concen: 45.961 ug/l
RT: 13.051 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS

Tgt Ion: 91 Resp: 461502
Ion Ratio Lower Upper
91 100
126 32.6 16.4 49.1

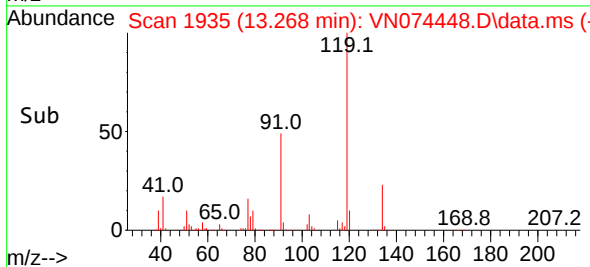
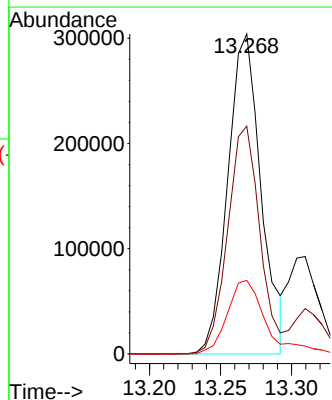
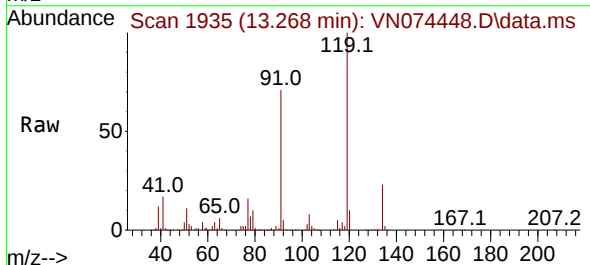
Manual Integrations
APPROVED

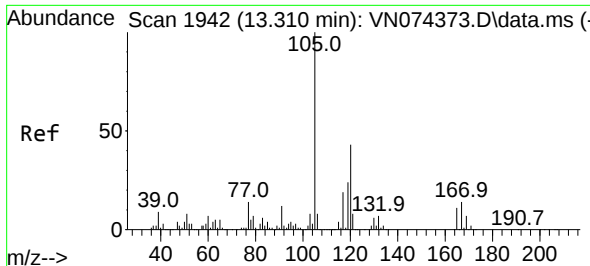
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#83
tert-Butylbenzene
Concen: 44.485 ug/l
RT: 13.268 min Scan# 1935
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

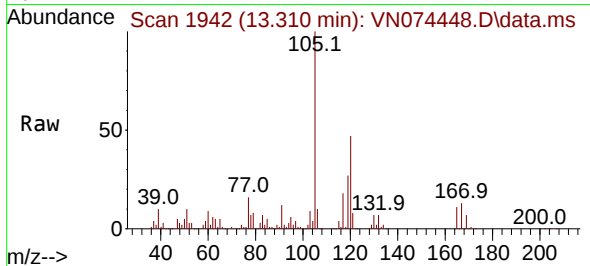
Tgt Ion:119 Resp: 495069
Ion Ratio Lower Upper
119 100
91 68.9 33.8 101.3
134 26.6 13.1 39.3





#84
1,2,4-Trimethylbenzene
Concen: 46.098 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

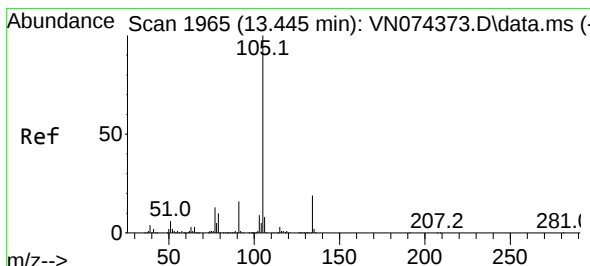
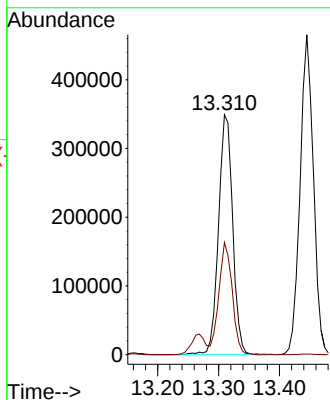
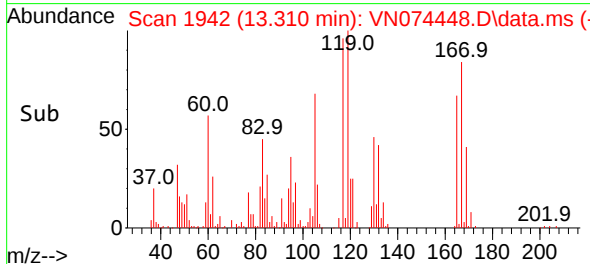
Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS



Tgt Ion:105 Resp: 564788
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.8

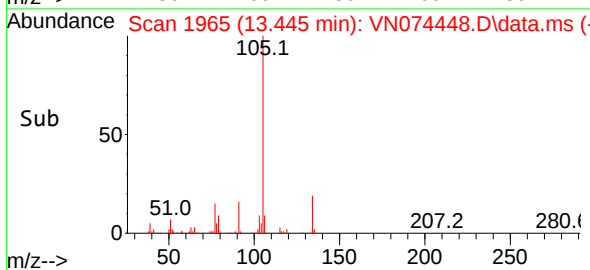
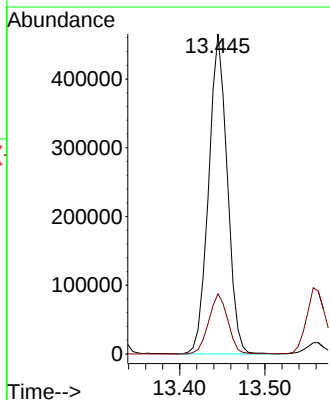
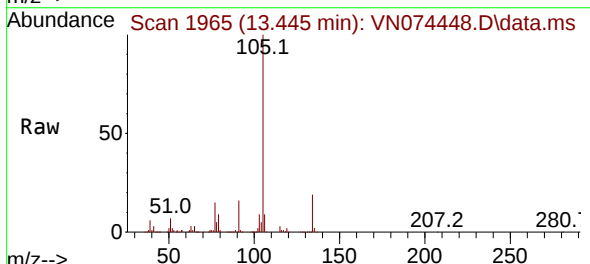
Manual Integrations
APPROVED

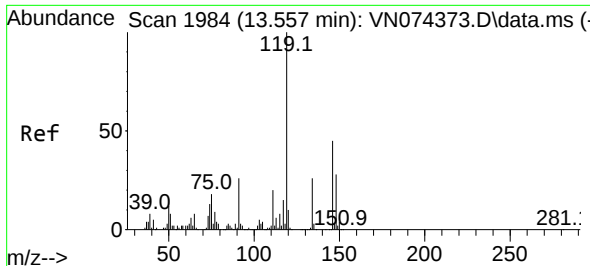
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#85
sec-Butylbenzene
Concen: 46.740 ug/l
RT: 13.445 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

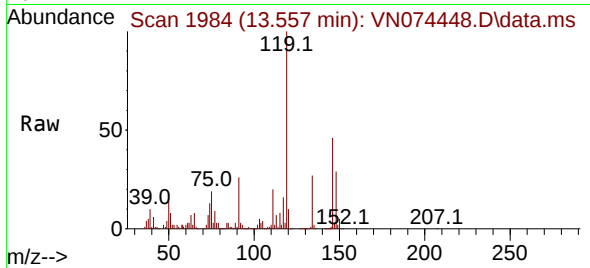
Tgt Ion:105 Resp: 707872
Ion Ratio Lower Upper
105 100
134 19.3 9.7 28.9





#86
p-Isopropyltoluene
Concen: 47.348 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

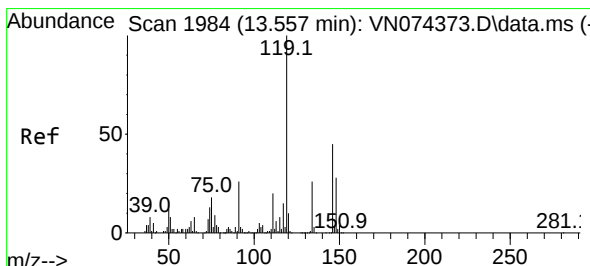
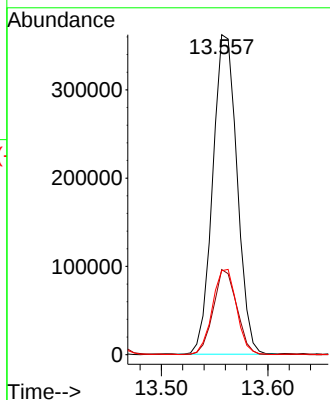
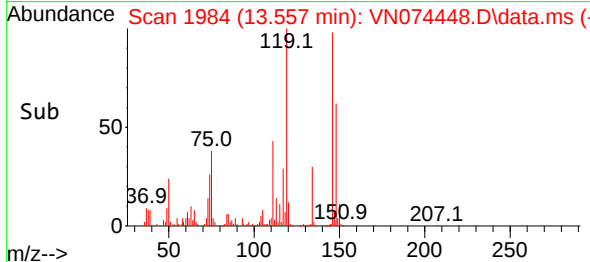
Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS



Tgt Ion:119 Resp: 57396
Ion Ratio Lower Upper
119 100
134 25.6 13.0 38.9
91 26.4 13.1 39.3

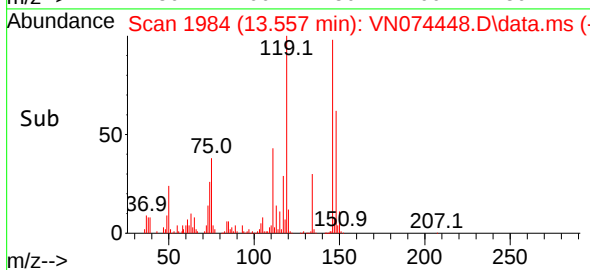
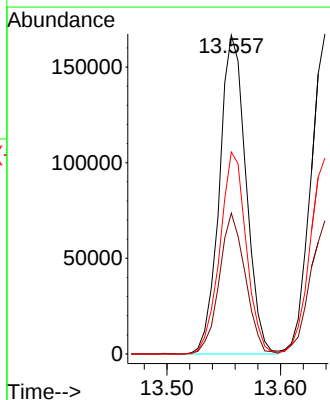
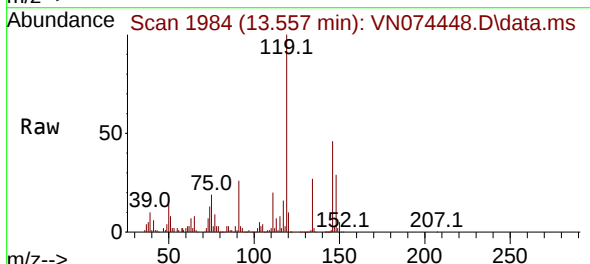
Manual Integrations
APPROVED

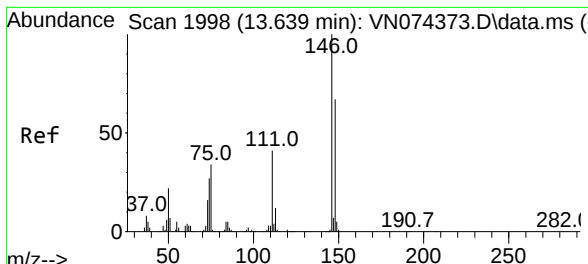
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#87
1,3-Dichlorobenzene
Concen: 45.834 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

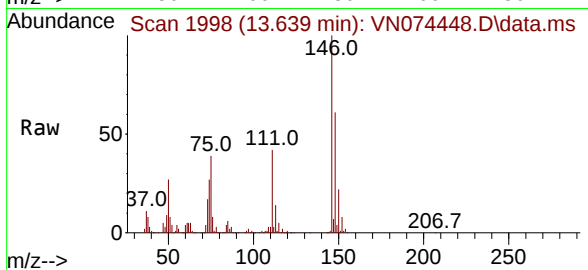
Tgt Ion:146 Resp: 271050
Ion Ratio Lower Upper
146 100
111 43.2 21.5 64.5
148 62.9 32.0 96.0





#88
1,4-Dichlorobenzene
Concen: 43.662 ug/l
RT: 13.639 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

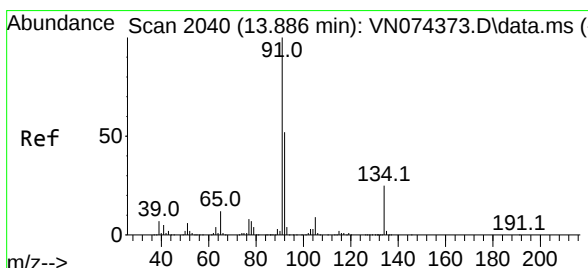
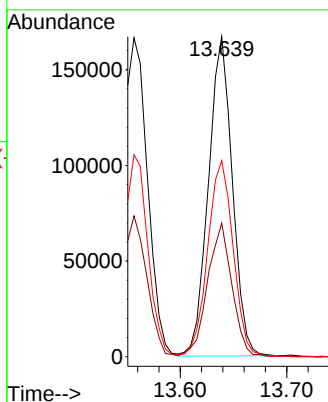
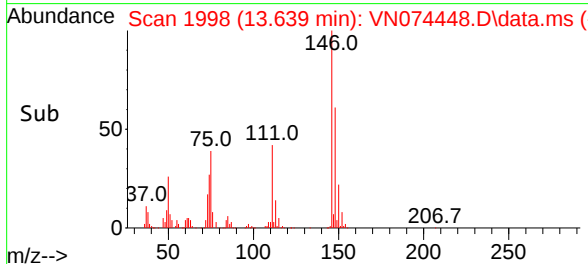
Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS



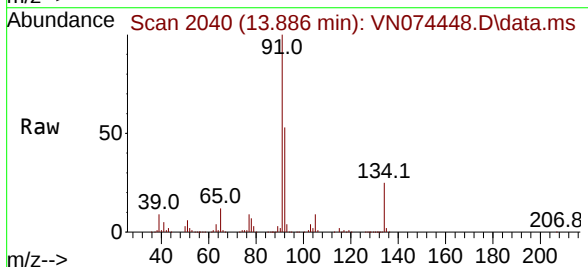
Tgt Ion:146 Resp: 26084
Ion Ratio Lower Upper
146 100
111 42.7 20.8 62.2
148 65.3 32.1 96.5

Manual Integrations
APPROVED

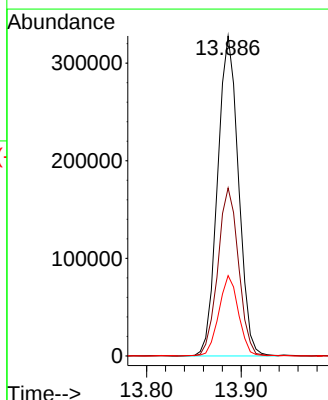
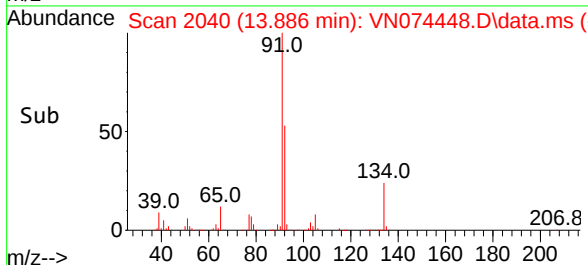
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

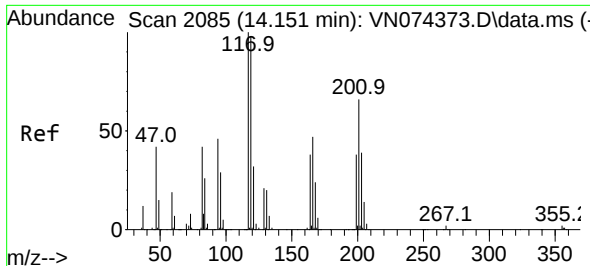


#89
n-Butylbenzene
Concen: 48.859 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23



Tgt Ion: 91 Resp: 504010
Ion Ratio Lower Upper
91 100
92 52.1 25.8 77.4
134 23.8 12.4 37.0





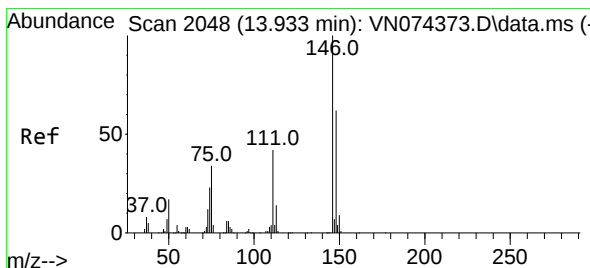
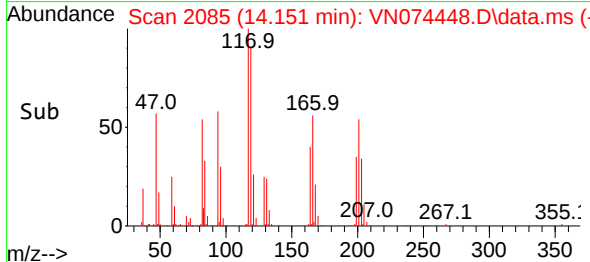
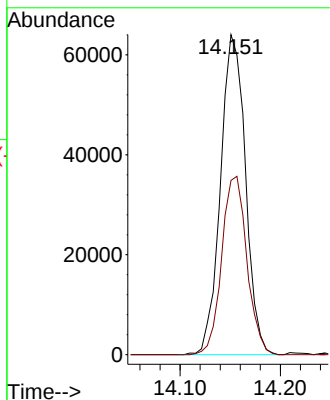
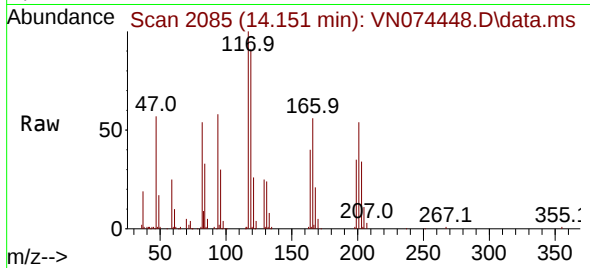
#90
Hexachloroethane
Concen: 43.180 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS

Tgt Ion:117 Resp: 11058
Ion Ratio Lower Upper
117 100
201 56.2 32.6 98.0

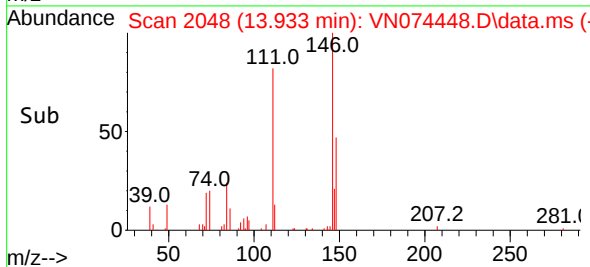
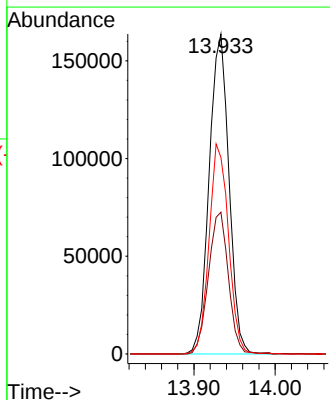
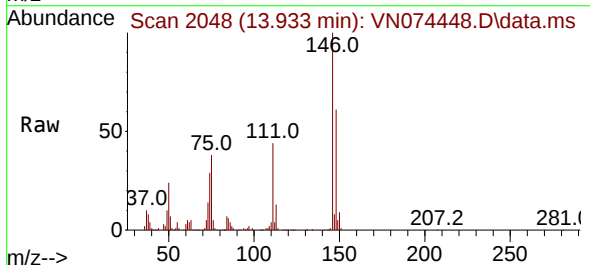
Manual Integrations
APPROVED

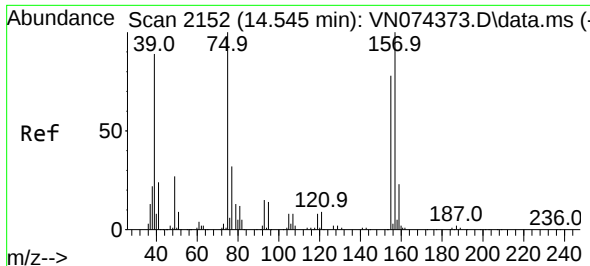
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#91
1,2-Dichlorobenzene
Concen: 44.531 ug/l
RT: 13.933 min Scan# 2048
Delta R.T. 0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

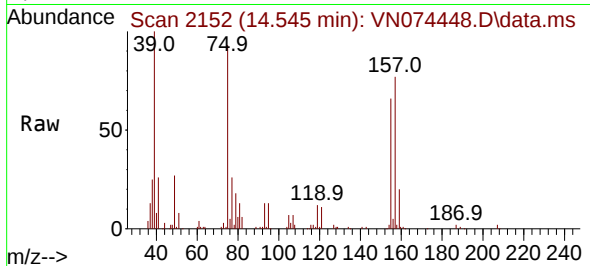
Tgt Ion:146 Resp: 276952
Ion Ratio Lower Upper
146 100
111 44.7 21.9 65.7
148 64.4 31.4 94.2





#92
1,2-Dibromo-3-Chloropropane
Concen: 48.435 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23

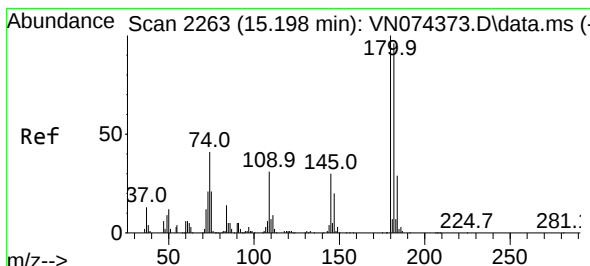
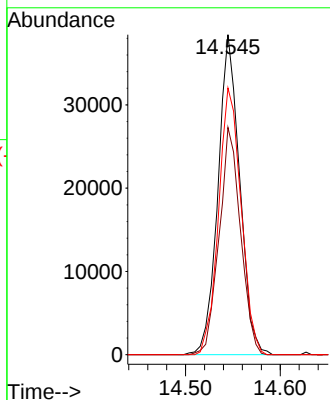
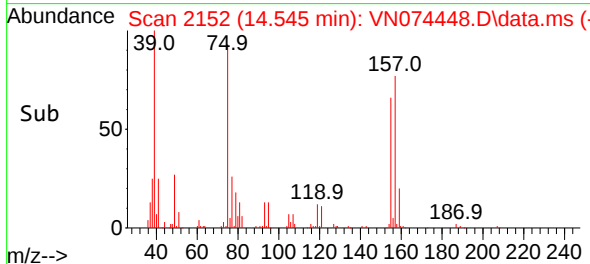
Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS



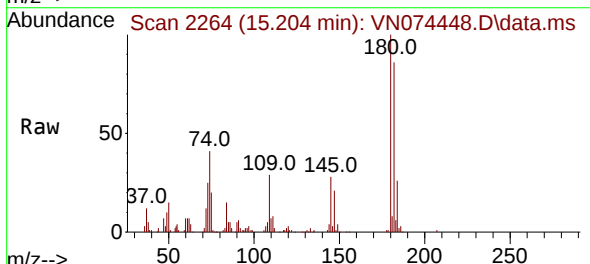
Tgt Ion: 75 Resp: 61270
Ion Ratio Lower Upper
75 100
155 69.7 36.6 109.9
157 86.3 46.2 138.5

Manual Integrations
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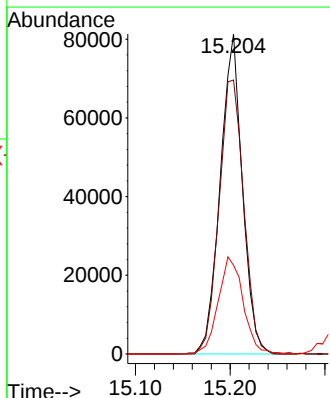
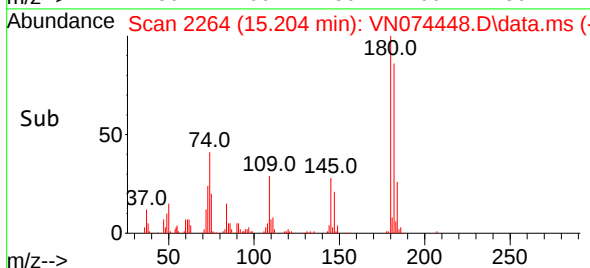
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

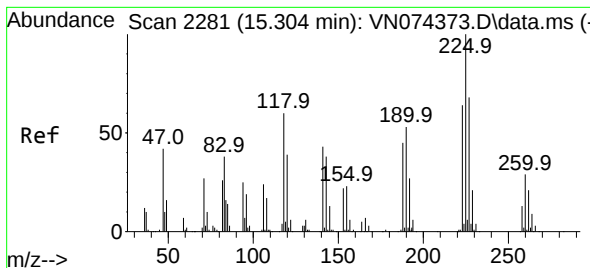


#93
1,2,4-Trichlorobenzene
Concen: 42.573 ug/l
RT: 15.204 min Scan# 2264
Delta R.T. 0.006 min
Lab File: VN074448.D
Acq: 13 Sep 2022 21:23



Tgt Ion:180 Resp: 131938
Ion Ratio Lower Upper
180 100
182 95.5 47.4 142.2
145 34.3 16.1 48.2





#94

Hexachlorobutadiene

Concen: 38.663 ug/l

RT: 15.304 min Scan# 2281

Delta R.T. 0.000 min

Lab File: VN074448.D

Acq: 13 Sep 2022 21:23

Instrument :

MSVOA_N

ClientSampleId :

MW-09-1.5-11.5-083122MS

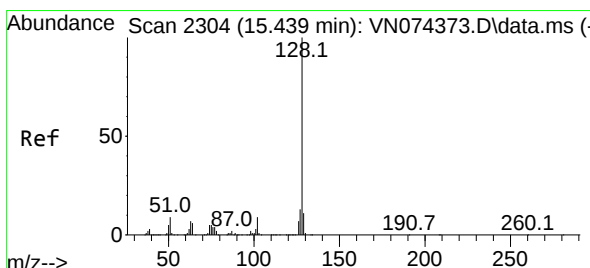
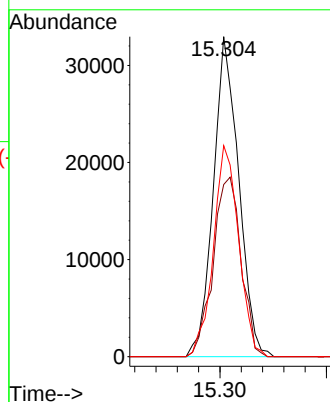
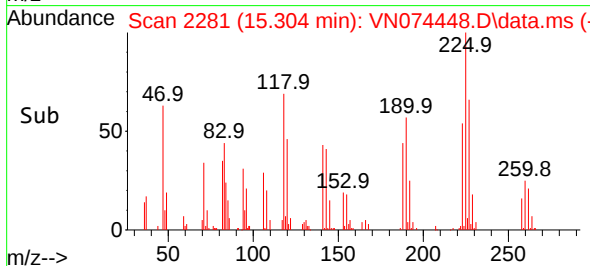
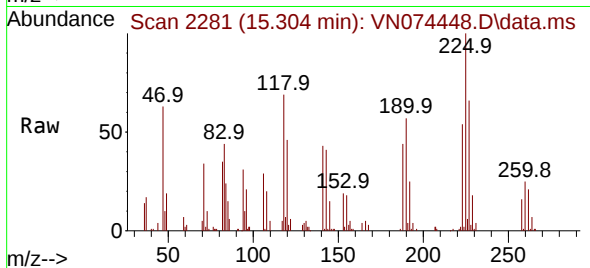
Tgt Ion:	225	Resp:	54308
Ion Ratio	Lower	Upper	
225	100		
223	62.0	31.6	94.8
227	65.8	31.8	95.4

Manual Integrations

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Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#95

Naphthalene

Concen: 45.017 ug/l

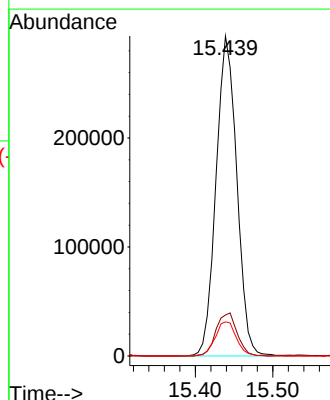
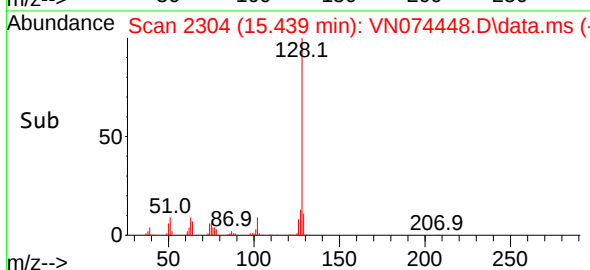
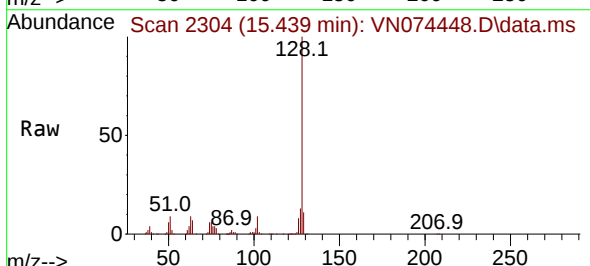
RT: 15.439 min Scan# 2304

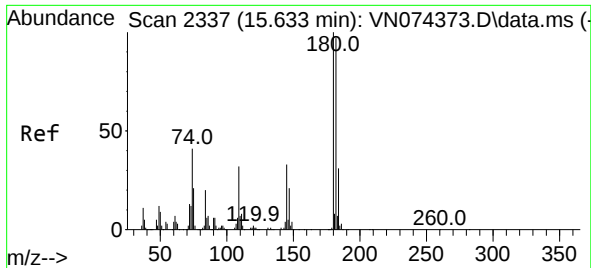
Delta R.T. 0.000 min

Lab File: VN074448.D

Acq: 13 Sep 2022 21:23

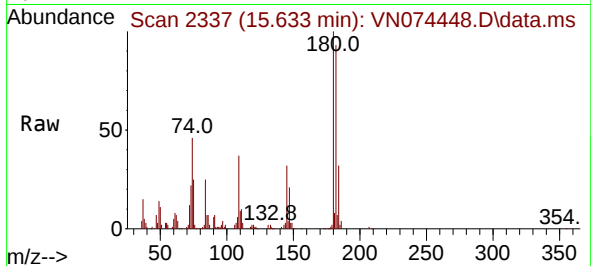
Tgt Ion:	128	Resp:	545819
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.6	16.0
129	10.9	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 41.928 ug/l
 RT: 15.633 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN074448.D
 Acq: 13 Sep 2022 21:23

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-09-1.5-11.5-083122MS



Tgt Ion:180 Resp: 13446
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.6 142.8
 145 33.5 17.3 52.0

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022

