

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
 Data File : VN074014.D
 Acq On : 18 Aug 2022 19:05
 Operator : JC\MD
 Sample : N4229-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-106DMS

Quant Time: Aug 19 00:03:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/19/2022
 Supervised By : Mahesh Dadoda 08/22/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	530161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	828792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	756637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	382975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	295224	57.172	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.340%			
35) Dibromofluoromethane	7.951	113	259654	52.976	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.960%			
50) Toluene-d8	10.380	98	979624	51.606	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.220%			
62) 4-Bromofluorobenzene	12.669	95	341630	54.227	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	193015	45.915	ug/l	96
3) Chloromethane	2.269	50	252958	54.112	ug/l	96
4) Vinyl Chloride	2.405	62	313158	52.183	ug/l	99
5) Bromomethane	2.787	94	138912	37.067	ug/l	100
6) Chloroethane	2.957	64	204749	48.295	ug/l	100
7) Trichlorofluoromethane	3.310	101	423174	54.663	ug/l	99
8) Diethyl Ether	3.763	74	158920	55.301	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.134	101	198165	44.065	ug/l	93
10) Methyl Iodide	4.346	142	200418	37.121	ug/l	98
11) Tert butyl alcohol	5.293	59	369562	319.953	ug/l	99
12) 1,1-Dichloroethene	4.116	96	210729	50.363	ug/l	93
13) Acrolein	3.981	56	273888	338.767	ug/l	99
14) Allyl chloride	4.763	41	339945	54.858	ug/l	97
15) Acrylonitrile	5.475	53	871467	309.035	ug/l	99
16) Acetone	4.222	43	748343	307.177	ug/l	99
17) Carbon Disulfide	4.457	76	492302	49.483	ug/l	98
18) Methyl Acetate	4.775	43	406228	67.614	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	830724	55.125	ug/l	97
20) Methylene Chloride	5.016	84	265508	51.648	ug/l	96
21) trans-1,2-Dichloroethene	5.510	96	235455	51.077	ug/l	97
22) Diisopropyl ether	6.410	45	760634	57.892	ug/l	97
23) Vinyl Acetate	6.351	43	3269757	290.402	ug/l	100
24) 1,1-Dichloroethane	6.304	63	448156	54.797	ug/l	98
25) 2-Butanone	7.257	43	1209146	313.021	ug/l	99
26) 2,2-Dichloropropane	7.251	77	291692	37.962	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	296745	52.175	ug/l	93
28) Bromochloromethane	7.587	49	172094	57.053	ug/l	90
29) Tetrahydrofuran	7.610	42	785077	316.828	ug/l	97
30) Chloroform	7.745	83	490512	53.637	ug/l	97
31) Cyclohexane	8.022	56	343945	47.781	ug/l	97
32) 1,1,1-Trichloroethane	7.939	97	421935	52.027	ug/l	97
36) 1,1-Dichloropropene	8.151	75	330589	48.560	ug/l	99
37) Ethyl Acetate	7.339	43	448921	54.430	ug/l	99
38) Carbon Tetrachloride	8.139	117	362960	46.644	ug/l	99
39) Methylcyclohexane	9.398	83	358358	42.010	ug/l	97
40) Benzene	8.392	78	1070017	49.799	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	184441	49.485	ug/l	90
42) 1,2-Dichloroethane	8.463	62	374969	50.754	ug/l	99
43) Isopropyl Acetate	8.498	43	648379	55.184	ug/l	99
44) Trichloroethene	9.151	130	283715	45.716	ug/l	99
45) 1,2-Dichloropropane	9.428	63	267336	51.909	ug/l	100
46) Dibromomethane	9.516	93	195184	49.849	ug/l	94
47) Bromodichloromethane	9.698	83	380490	50.841	ug/l	98
48) Methyl methacrylate	9.498	41	291003	57.883	ug/l	93
49) 1,4-Dioxane	9.504	88	171092	1144.386	ug/l	96
51) 4-Methyl-2-Pentanone	10.269	43	2318595	291.874	ug/l	99
52) Toluene	10.445	92	695010	47.171	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	392786	50.016	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	420849	48.979	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	294892	51.452	ug/l	99
56) Ethyl methacrylate	10.704	69	468145	57.269	ug/l	95
57) 1,3-Dichloropropane	10.986	76	490840	52.672	ug/l	99
59) 2-Hexanone	11.027	43	1835764	300.274	ug/l	99
60) Dibromochloromethane	11.180	129	320213	50.522	ug/l	99
61) 1,2-Dibromoethane	11.286	107	308345	50.300	ug/l	98
64) Tetrachloroethene	10.916	164	246228	41.231	ug/l	98
65) Chlorobenzene	11.710	112	770242	47.899	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	300584	49.363	ug/l	99
67) Ethyl Benzene	11.786	91	1328035	49.660	ug/l	98
68) m/p-Xylenes	11.892	106	1043946	96.077	ug/l	99
69) o-Xylene	12.222	106	530468	48.684	ug/l	97
70) Styrene	12.233	104	850328	49.847	ug/l	99
71) Bromoform	12.398	173	266356	48.993	ug/l #	100
73) Isopropylbenzene	12.521	105	1350352	48.422	ug/l	99
74) N-amyl acetate	12.327	43	530881	50.357	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	483601	51.677	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	352670m	44.305	ug/l	
77) Bromobenzene	12.798	156	354166	46.919	ug/l	95
78) n-propylbenzene	12.863	91	1456485	48.997	ug/l	98
79) 2-Chlorotoluene	12.945	91	916458	49.472	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	1132538	49.929	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.569	75	134826	48.174	ug/l	98
82) 4-Chlorotoluene	13.045	91	878377	49.924	ug/l	97
83) tert-Butylbenzene	13.263	119	1009968	48.386	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	1132627	50.002	ug/l	99
85) sec-Butylbenzene	13.439	105	1373958	50.780	ug/l	98
86) p-Isopropyltoluene	13.557	119	1177720	51.094	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	623607	47.638	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	614138	46.293	ug/l	98
89) n-Butylbenzene	13.880	91	883351	48.384	ug/l	99
90) Hexachloroethane	14.151	117	206398	48.987	ug/l	91
91) 1,2-Dichlorobenzene	13.927	146	643188	47.581	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	116204	52.591	ug/l	89
93) 1,2,4-Trichlorobenzene	15.198	180	386849	47.020	ug/l	99
94) Hexachlorobutadiene	15.304	225	191706	44.204	ug/l	98
95) Naphthalene	15.433	128	1378464	51.393	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	410224	48.240	ug/l	99

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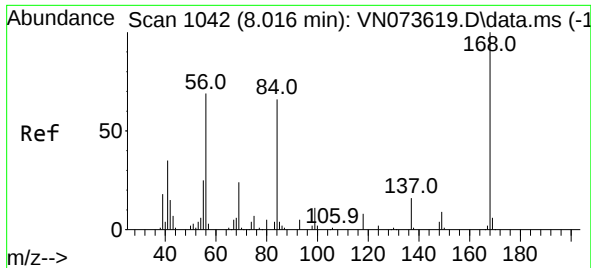
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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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: VN074014.D
Acq: 18 Aug 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

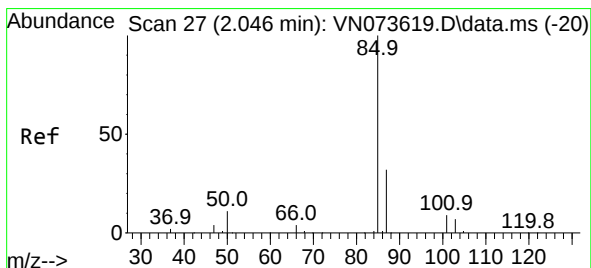
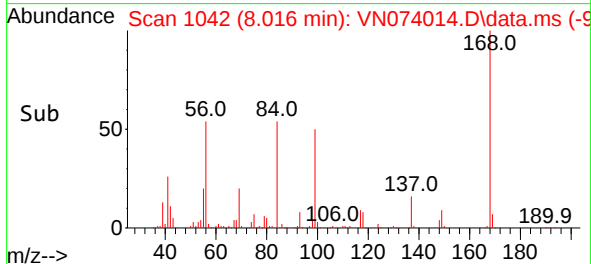
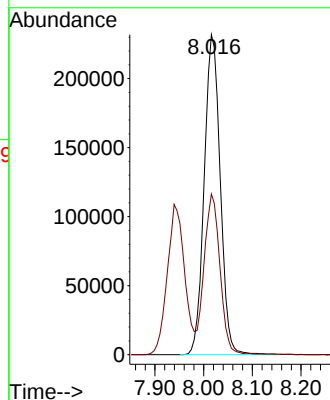
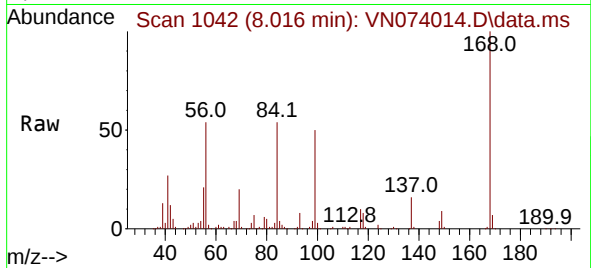
MW-106DMS

Tgt Ion:168 Resp: 53016
Ion Ratio Lower Upper
168 100
99 50.0 42.3 63.5

Manual Integrations

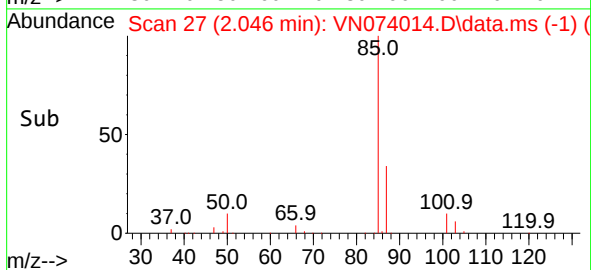
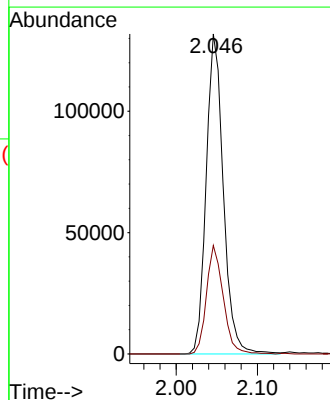
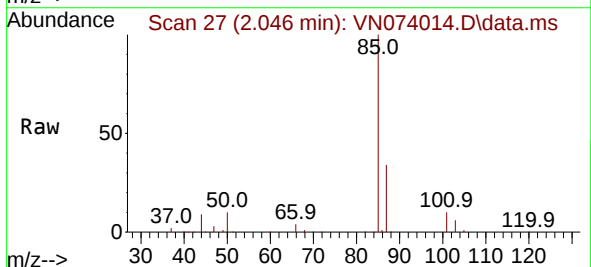
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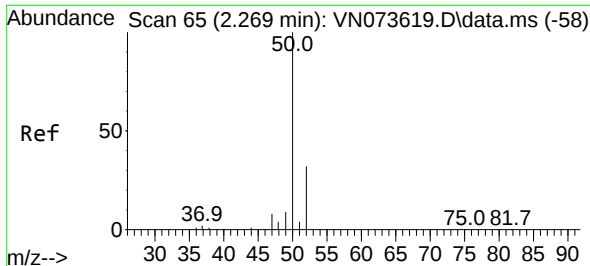
Reviewed By :John Carlone 08/19/2022
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#2
Dichlorodifluoromethane
Concen: 45.915 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

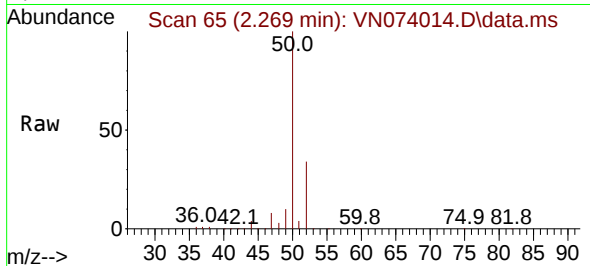
Tgt Ion: 85 Resp: 193015
Ion Ratio Lower Upper
85 100
87 33.9 15.7 47.1





#3
Chloromethane
Concen: 54.112 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

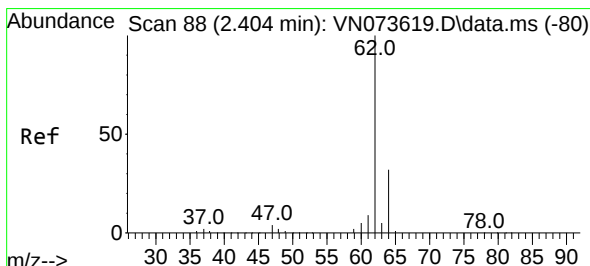
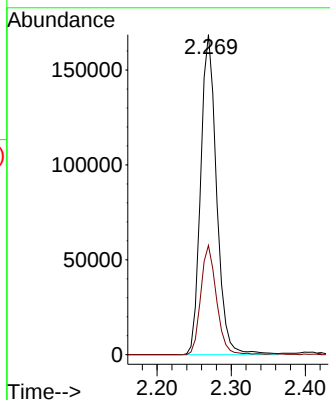
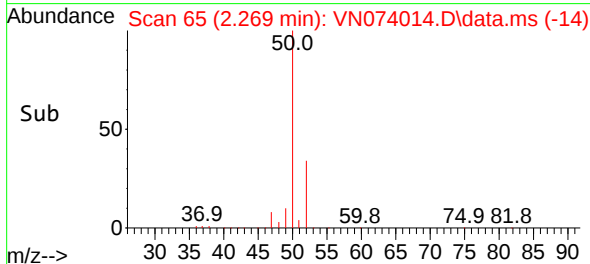
Instrument :
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Tgt Ion: 50 Resp: 252958
Ion Ratio Lower Upper
50 100
52 34.1 25.7 38.5

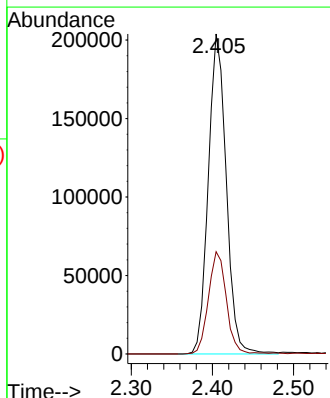
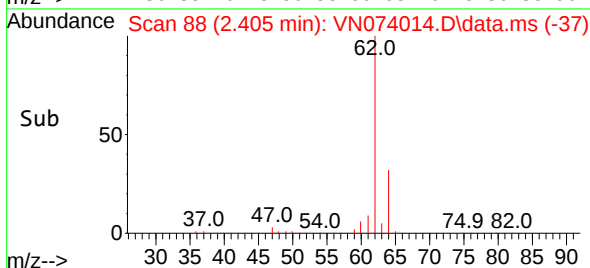
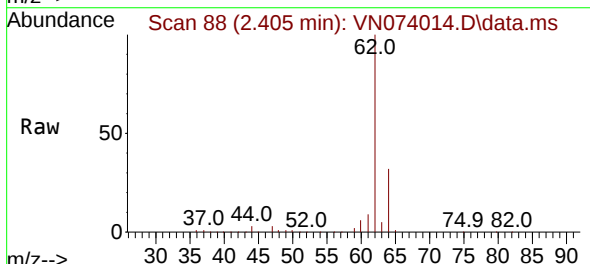
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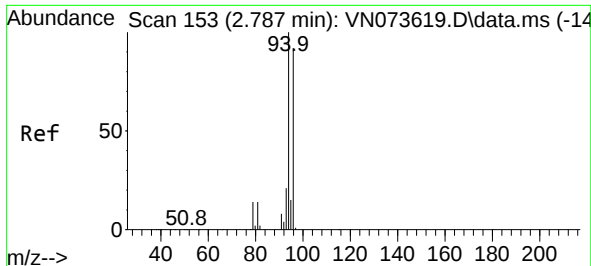
Reviewed By :John Carlone 08/19/2022
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#4
Vinyl Chloride
Concen: 52.183 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.001 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

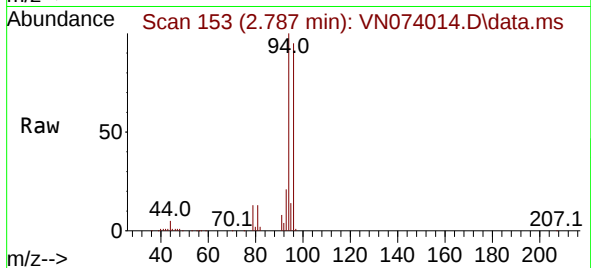
Tgt Ion: 62 Resp: 313158
Ion Ratio Lower Upper
62 100
64 31.9 25.0 37.4





#5
Bromomethane
Concen: 37.067 ug/l
RT: 2.787 min Scan# 153
Delta R.T. -0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

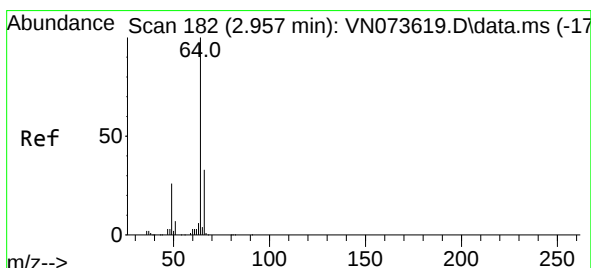
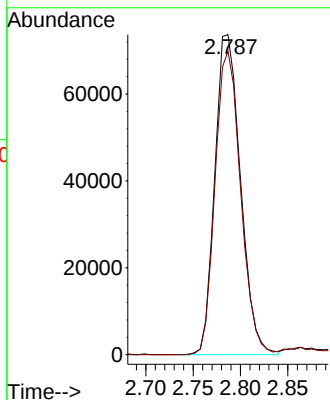
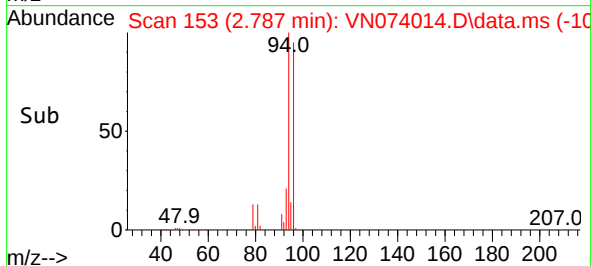
Instrument :
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Tgt Ion: 94 Resp: 138912
Ion Ratio Lower Upper
94 100
96 94.8 76.0 114.0

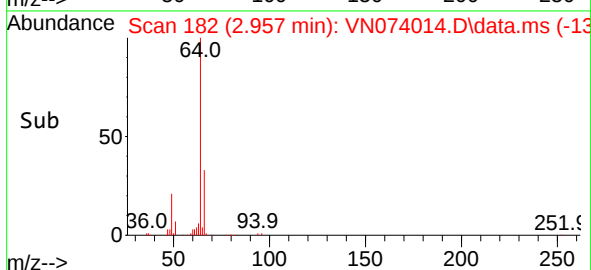
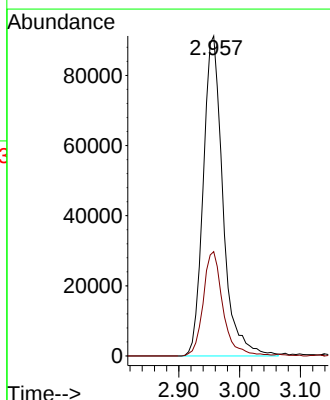
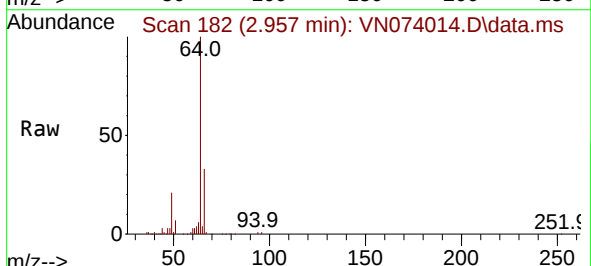
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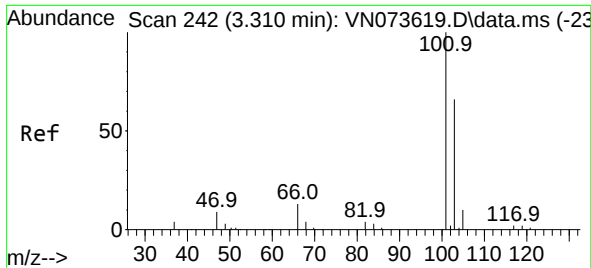
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#6
Chloroethane
Concen: 48.295 ug/l
RT: 2.957 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

Tgt Ion: 64 Resp: 204749
Ion Ratio Lower Upper
64 100
66 32.6 26.2 39.4





#7
Trichlorofluoromethane
Concen: 54.663 ug/l
RT: 3.310 min Scan# 242
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

Instrument :

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ClientSampleId :

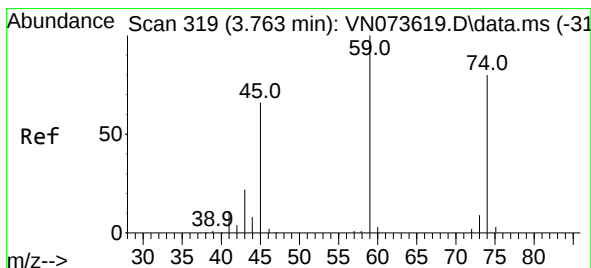
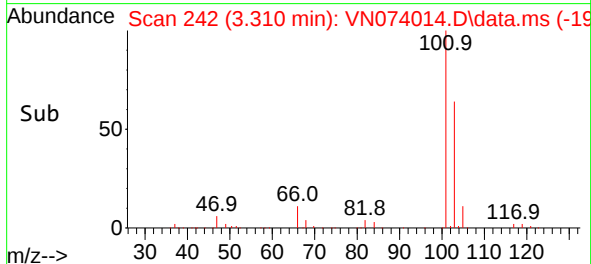
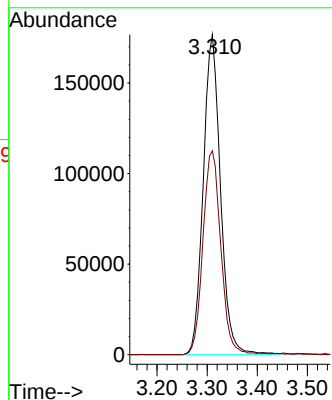
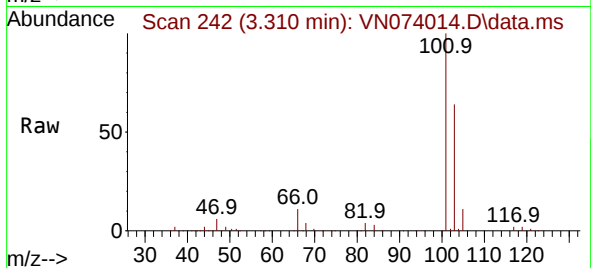
MW-106DMS

Tgt Ion:101 Resp: 423174
Ion Ratio Lower Upper
101 100
103 63.7 51.5 77.3

Manual Integrations

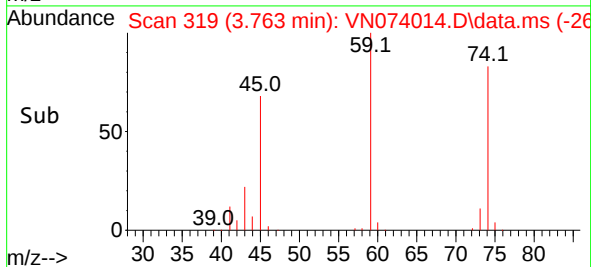
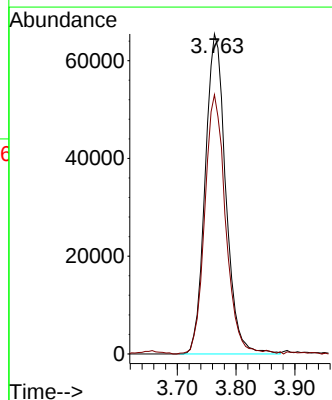
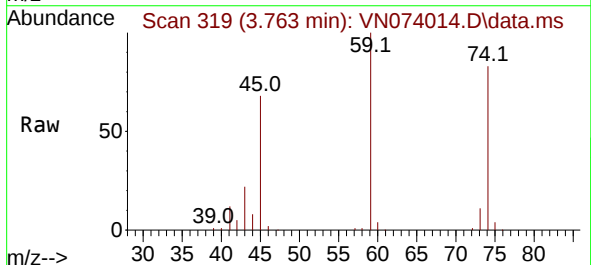
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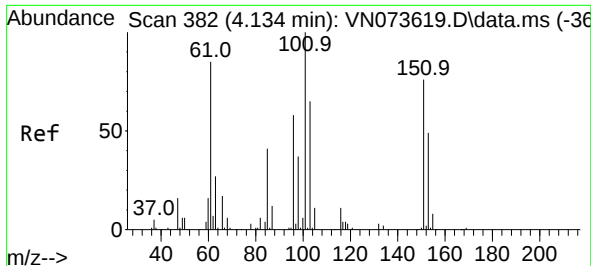
Reviewed By :John Carlone 08/19/2022
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#8
Diethyl Ether
Concen: 55.301 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

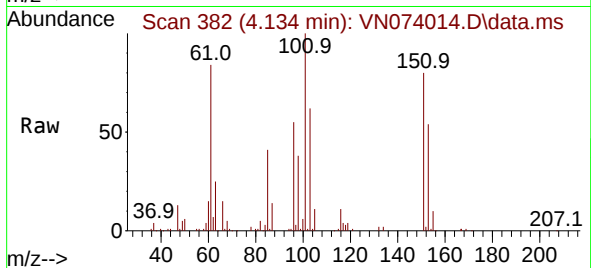
Tgt Ion: 74 Resp: 158920
Ion Ratio Lower Upper
74 100
45 81.8 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.065 ug/l
RT: 4.134 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

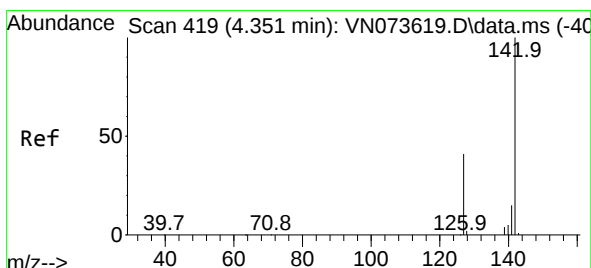
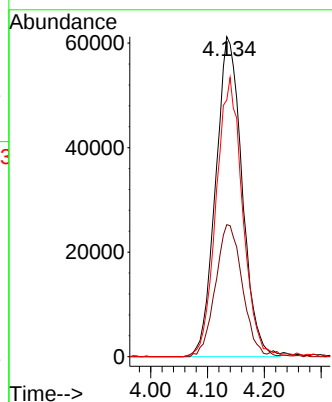
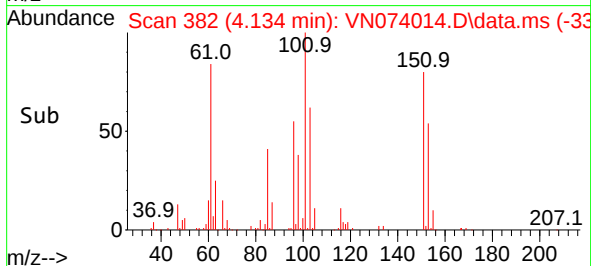
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMS



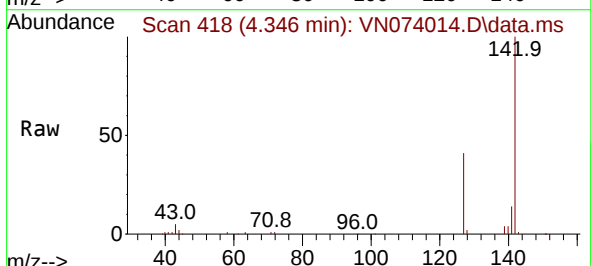
Tgt Ion:101 Resp: 19816
Ion Ratio Lower Upper
101 100
85 42.0 34.7 52.1
151 86.7 63.0 94.4

Manual Integrations
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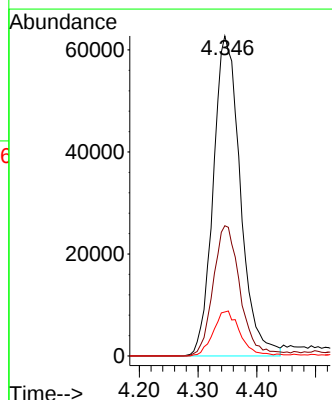
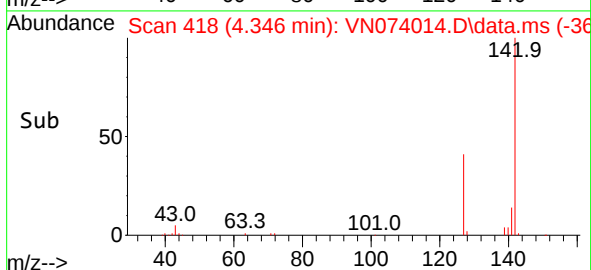
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#10
Methyl Iodide
Concen: 37.121 ug/l
RT: 4.346 min Scan# 418
Delta R.T. -0.005 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05



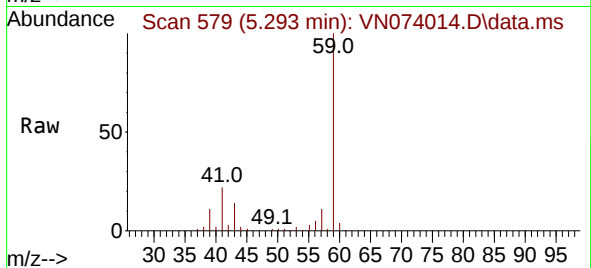
Tgt Ion:142 Resp: 200418
Ion Ratio Lower Upper
142 100
127 40.6 31.3 46.9
141 13.8 11.2 16.8





#11
Tert butyl alcohol
Concen: 319.953 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.001 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

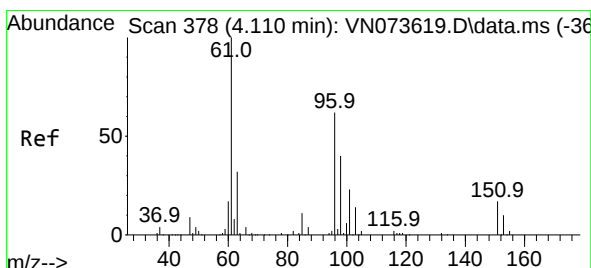
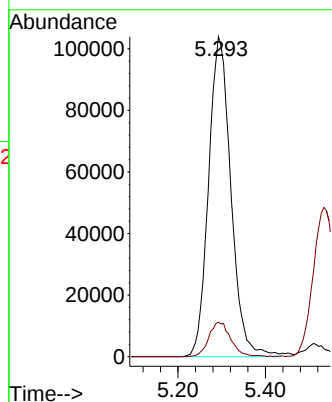
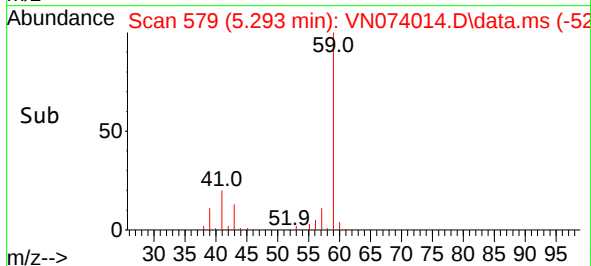
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMS



Tgt Ion: 59 Resp: 369562
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

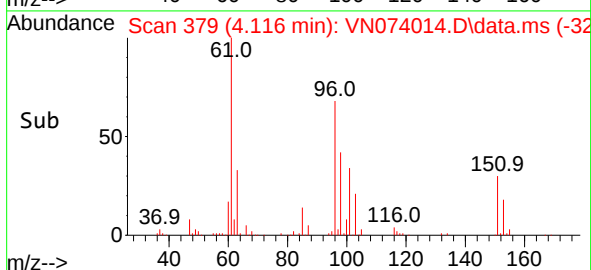
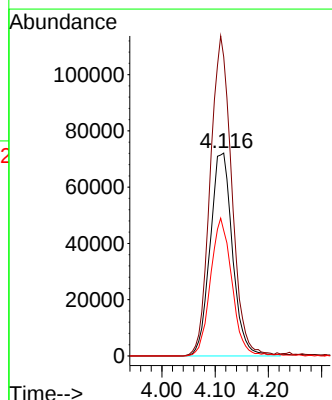
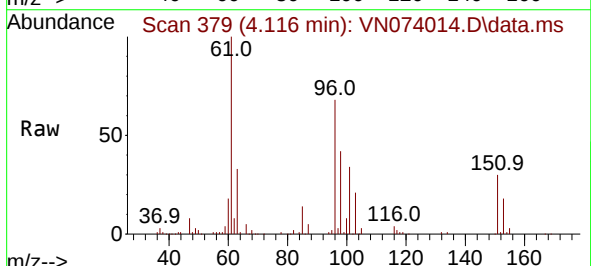
Manual Integrations
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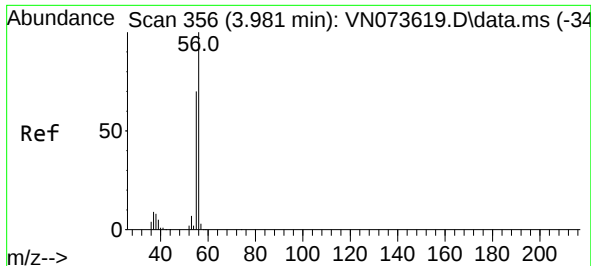
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#12
1,1-Dichloroethene
Concen: 50.363 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

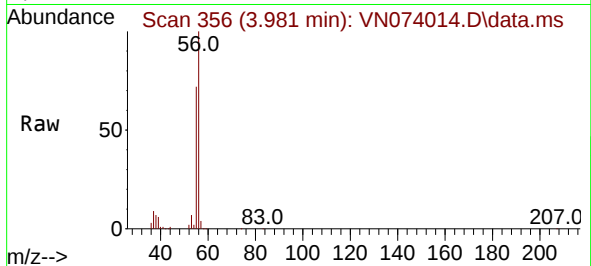
Tgt Ion: 96 Resp: 210729
Ion Ratio Lower Upper
96 100
61 147.3 127.6 191.4
98 61.8 51.2 76.8





#13
Acrolein
Concen: 338.767 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

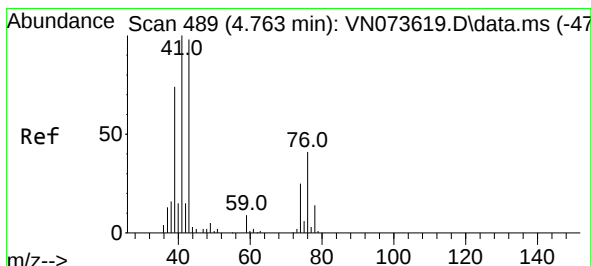
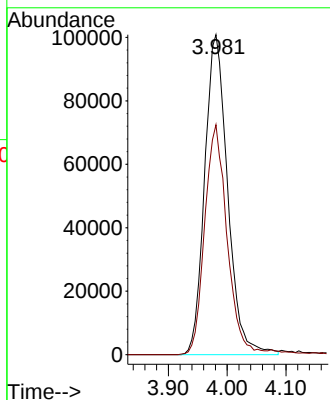
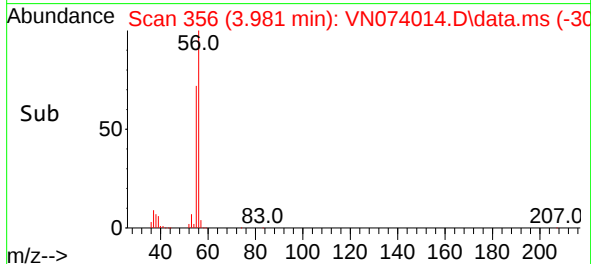
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMS



Tgt Ion: 56 Resp: 27388
Ion Ratio Lower Upper
56 100
55 69.7 54.8 82.2

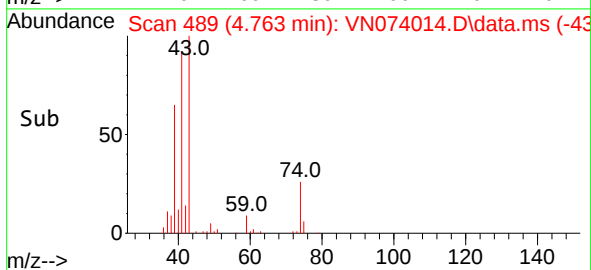
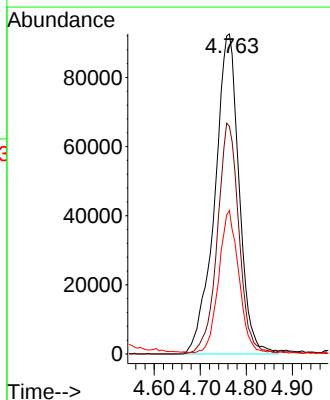
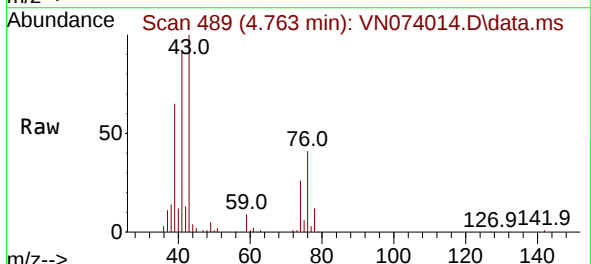
Manual Integrations
APPROVED

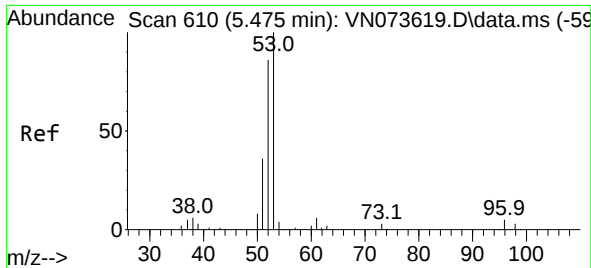
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#14
Allyl chloride
Concen: 54.858 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

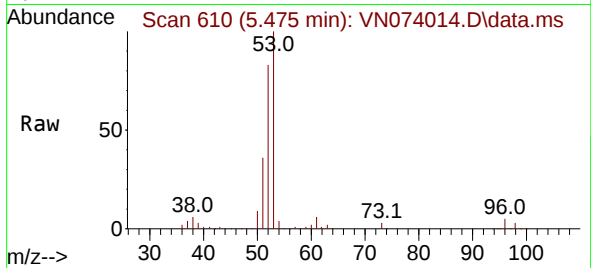
Tgt Ion: 41 Resp: 339945
Ion Ratio Lower Upper
41 100
39 64.0 53.2 79.8
76 36.5 29.9 44.9





#15
Acrylonitrile
Concen: 309.035 ug/l
RT: 5.475 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

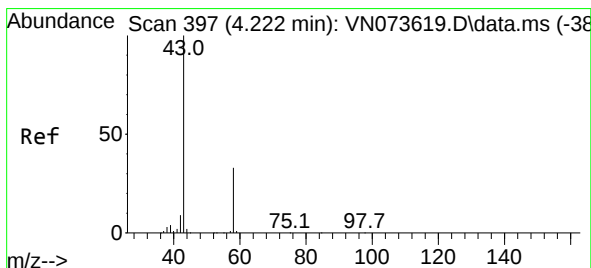
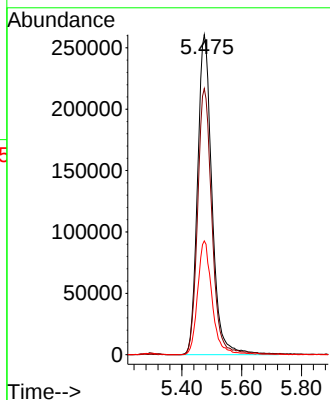
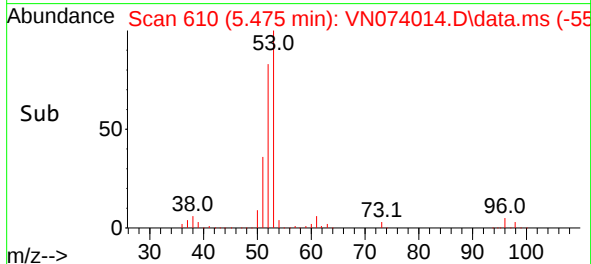
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMS



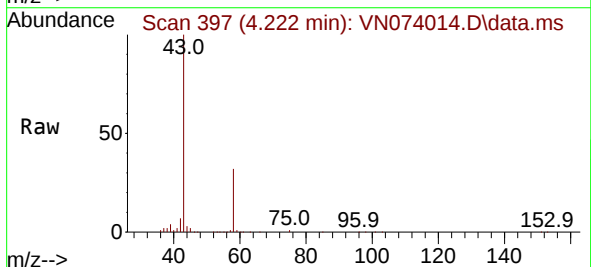
Tgt Ion: 53 Resp: 87146
Ion Ratio Lower Upper
53 100
52 82.3 66.4 99.6
51 35.6 28.5 42.7

Manual Integrations
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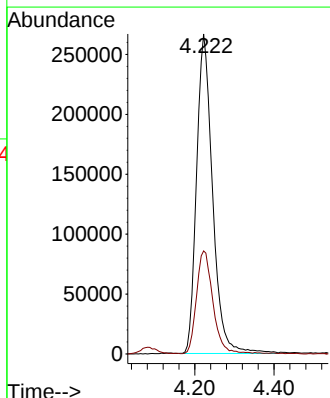
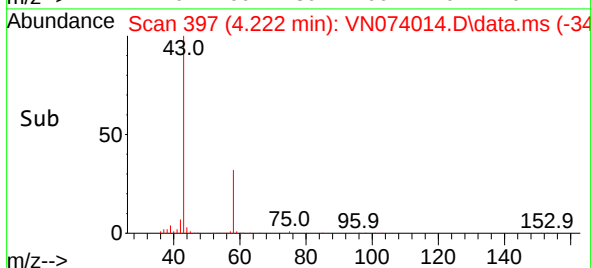
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

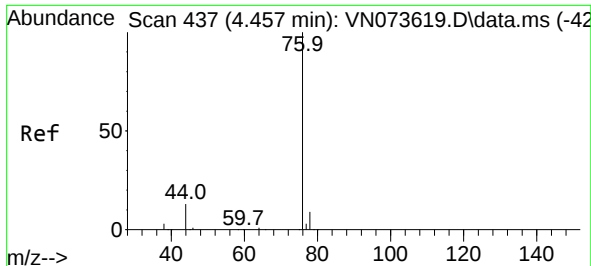


#16
Acetone
Concen: 307.177 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05



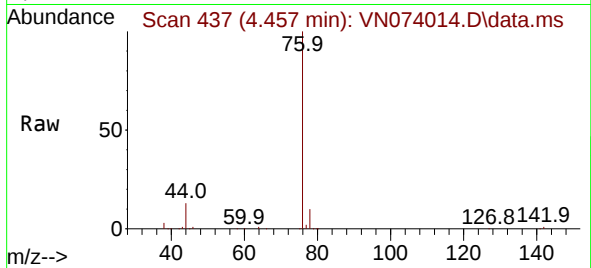
Tgt Ion: 43 Resp: 748343
Ion Ratio Lower Upper
43 100
58 32.1 26.0 39.0





#17
Carbon Disulfide
Concen: 49.483 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

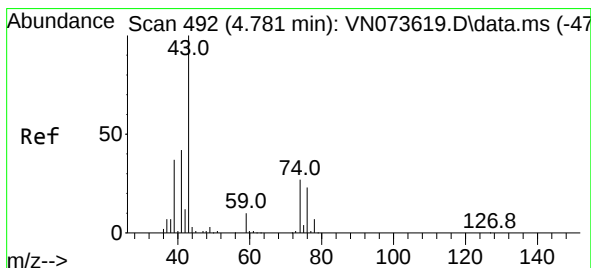
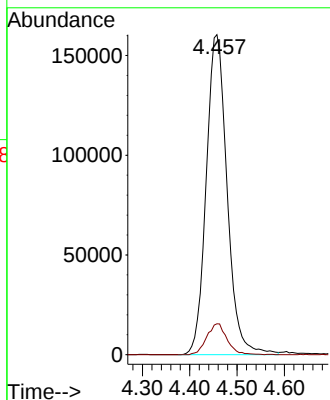
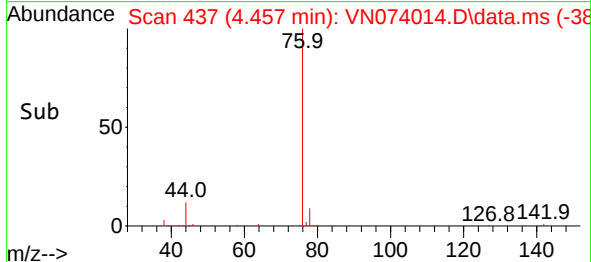
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMS



Tgt Ion: 76 Resp: 492302
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8

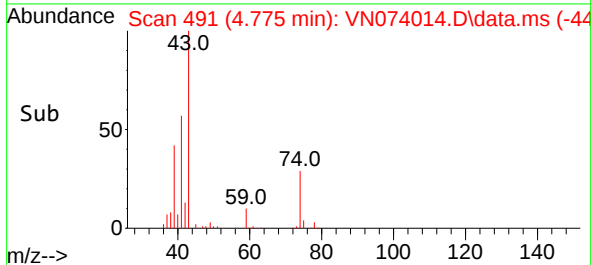
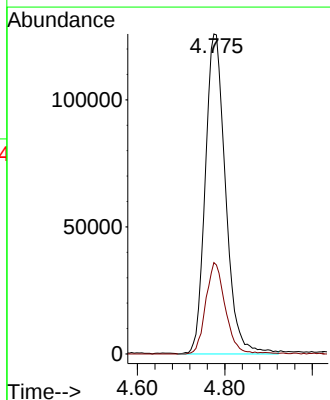
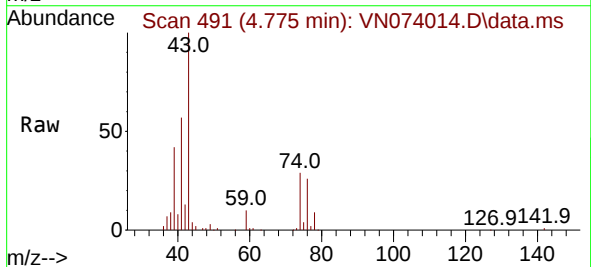
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#18
Methyl Acetate
Concen: 67.614 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

Tgt Ion: 43 Resp: 406228
Ion Ratio Lower Upper
43 100
74 27.4 21.6 32.4





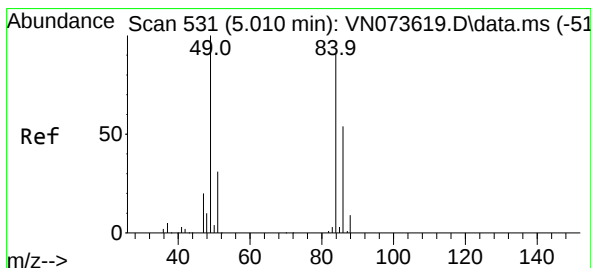
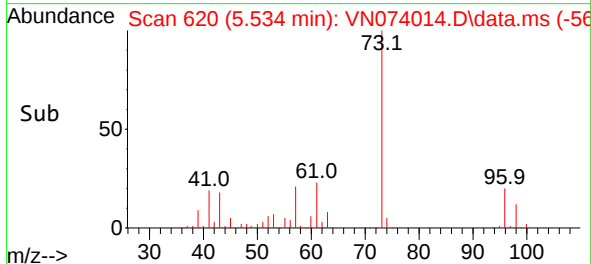
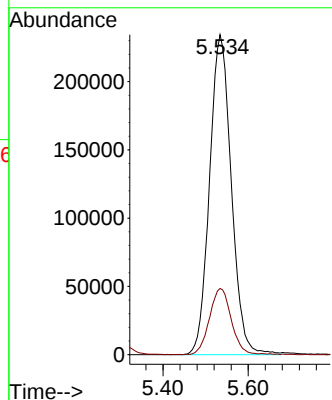
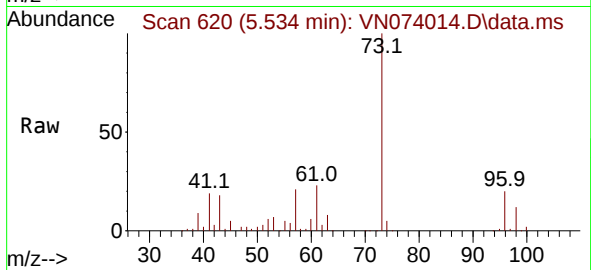
#19
Methyl tert-butyl Ether
Concen: 55.125 ug/l
RT: 5.534 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

Instrument :
MSVOA_N
ClientSampleId :
MW-106DMS

Tgt Ion: 73 Resp: 830724
Ion Ratio Lower Upper
73 100
57 20.6 17.6 26.4

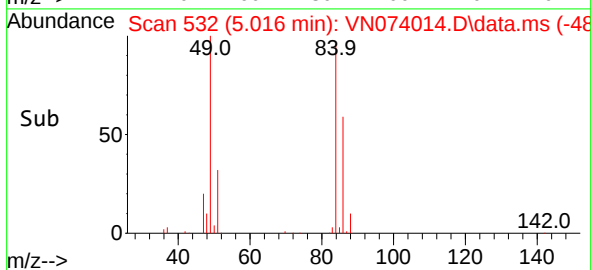
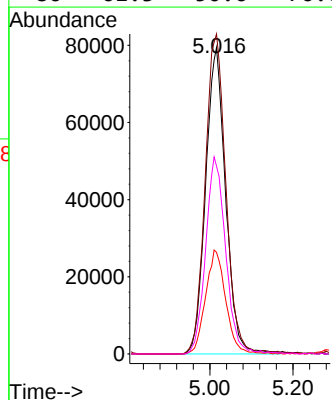
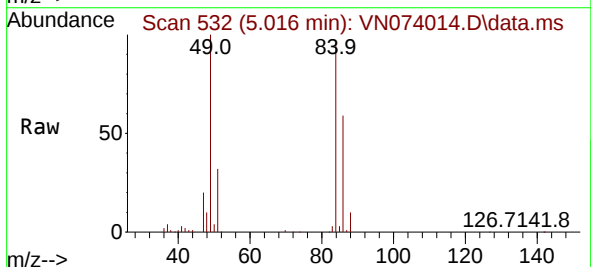
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#20
Methylene Chloride
Concen: 51.648 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

Tgt Ion: 84 Resp: 265508
Ion Ratio Lower Upper
84 100
49 104.5 88.3 132.5
51 33.2 28.2 42.2
86 61.3 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 51.077 ug/l
RT: 5.510 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

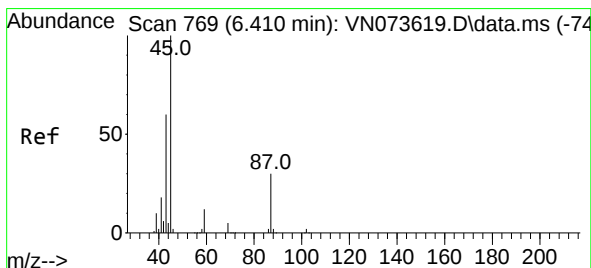
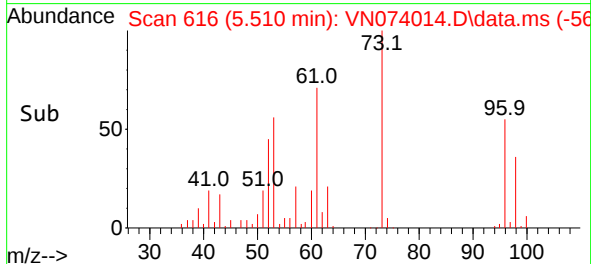
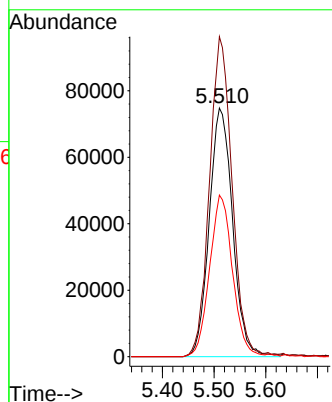
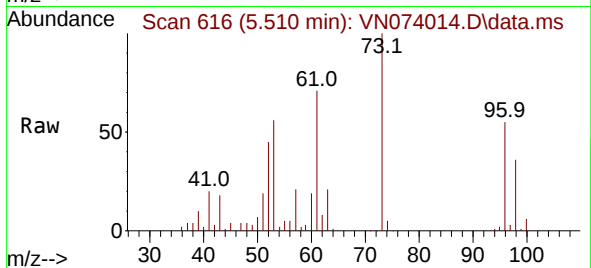
MW-106DMS

Tgt Ion: 96 Resp: 23545
Ion Ratio Lower Upper
96 100
61 128.7 105.8 158.8
98 65.0 50.3 75.5

Manual Integrations

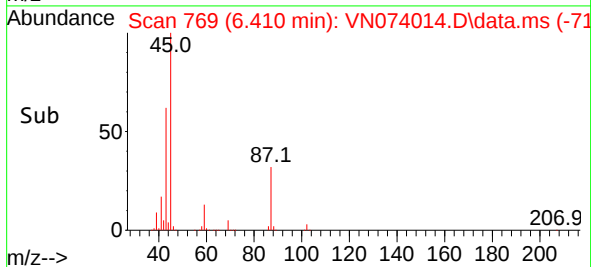
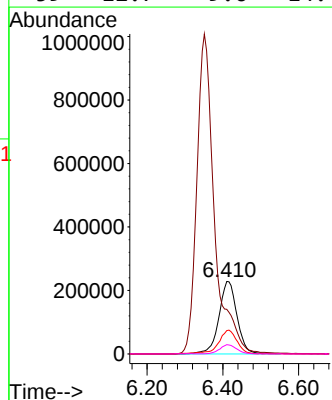
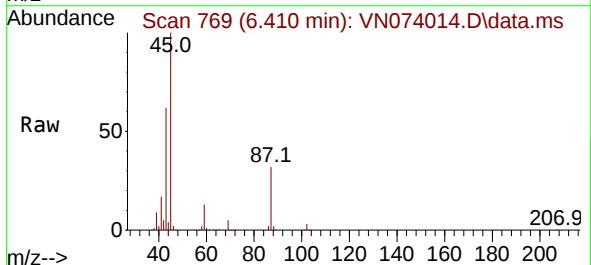
APPROVED

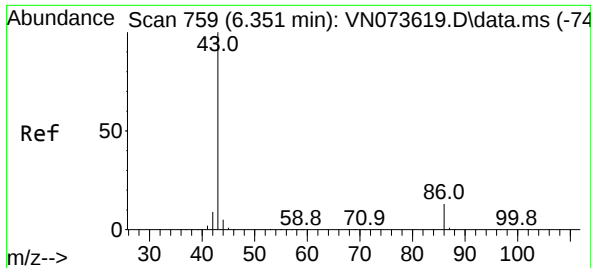
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#22
Diisopropyl ether
Concen: 57.892 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

Tgt Ion: 45 Resp: 760634
Ion Ratio Lower Upper
45 100
43 60.6 46.6 70.0
87 32.1 24.3 36.5
59 12.7 9.6 14.4





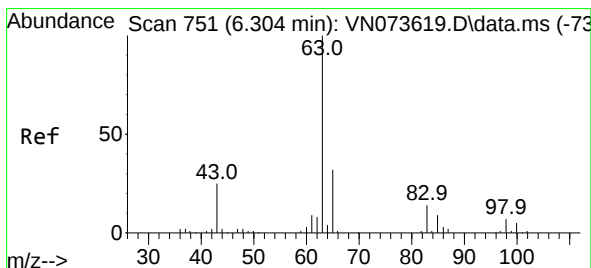
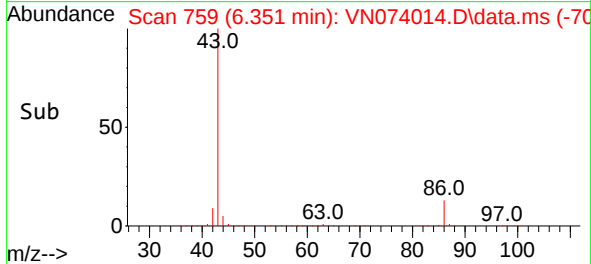
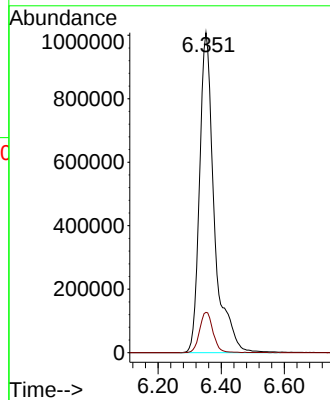
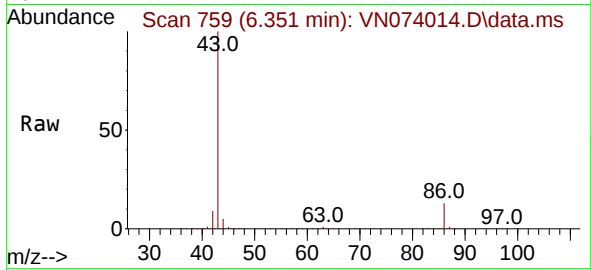
#23
 Vinyl Acetate
 Concen: 290.402 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN074014.D
 Acq: 18 Aug 2022 19:05

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-106DMS

Tgt Ion: 43 Resp: 326975
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.0 15.0

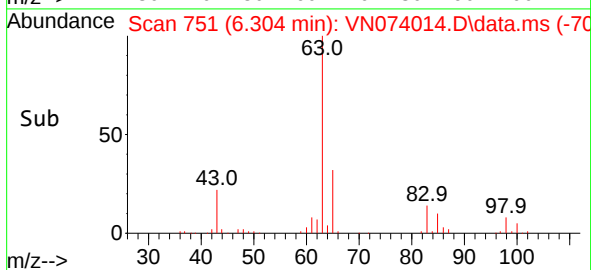
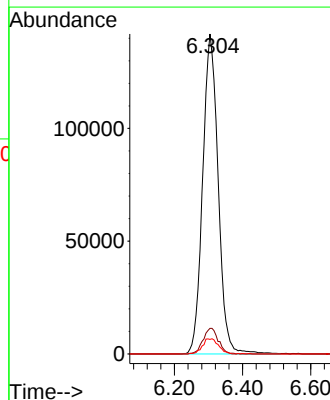
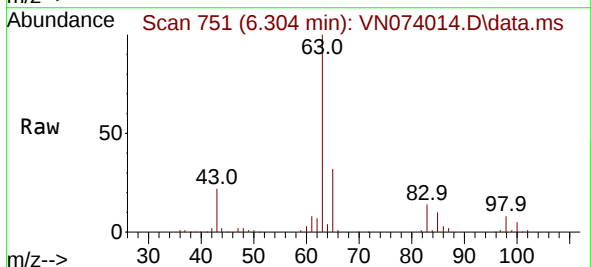
Manual Integrations
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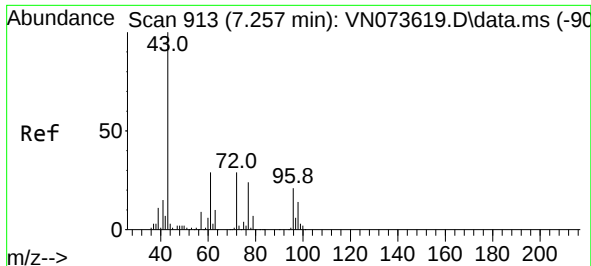
Reviewed By :John Carlone 08/19/2022
 Supervised By :Mahesh Dadoda 08/22/2022



#24
 1,1-Dichloroethane
 Concen: 54.797 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN074014.D
 Acq: 18 Aug 2022 19:05

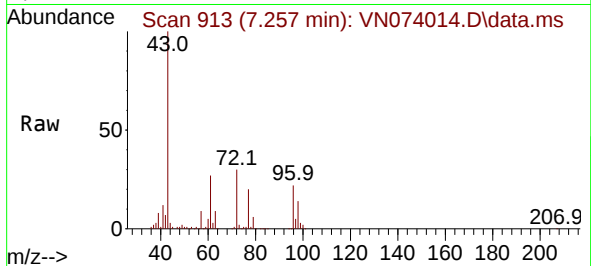
Tgt Ion: 63 Resp: 448156
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.4
 100 4.5 2.3 6.8





#25
2-Butanone
Concen: 313.021 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

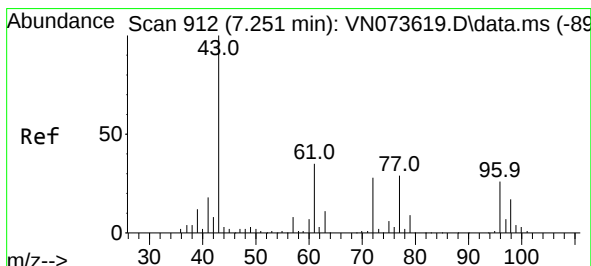
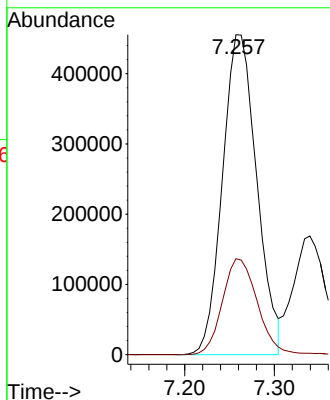
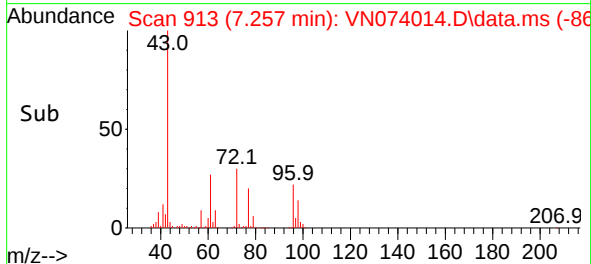
Instrument :
MSVOA_N
Client Sample Id :
MW-106DMS



Tgt Ion: 43 Resp: 120914
Ion Ratio Lower Upper
43 100
72 30.0 23.7 35.5

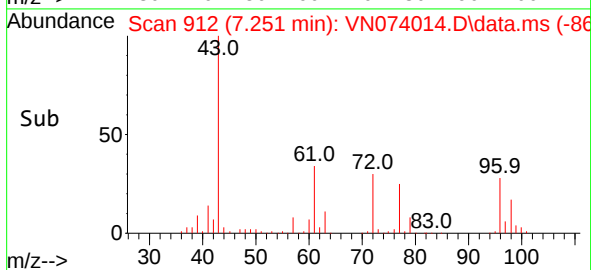
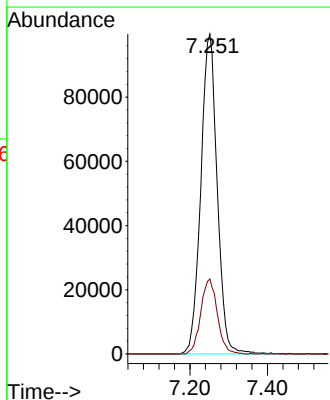
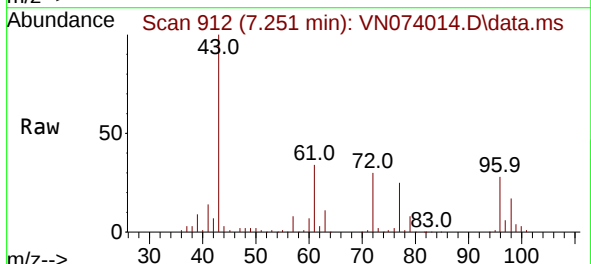
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#26
2,2-Dichloropropane
Concen: 37.962 ug/l
RT: 7.251 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

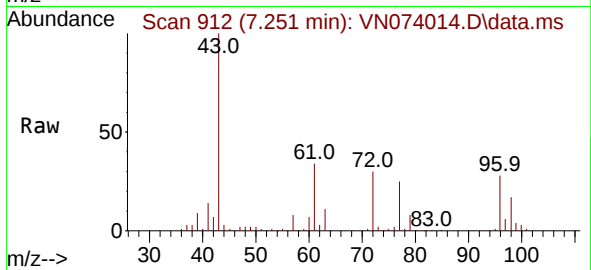
Tgt Ion: 77 Resp: 291692
Ion Ratio Lower Upper
77 100
97 23.7 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 52.175 ug/l
 RT: 7.251 min Scan# 912
 Delta R.T. 0.000 min
 Lab File: VN074014.D
 Acq: 18 Aug 2022 19:05

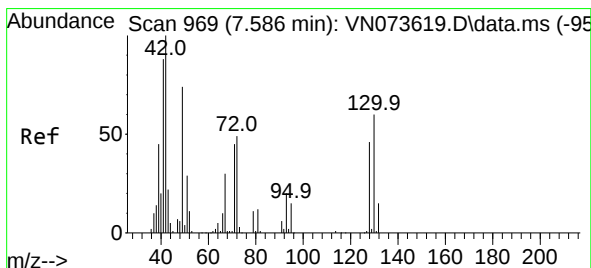
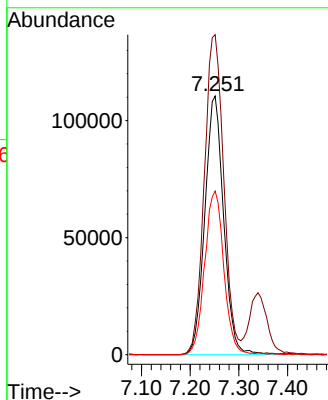
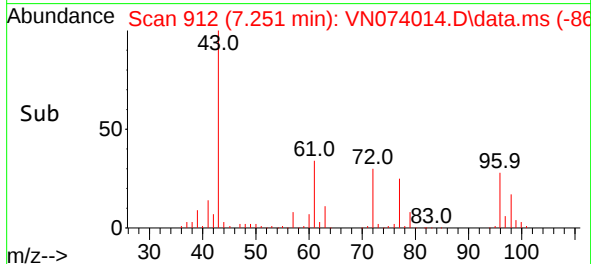
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-106DMS



Tgt Ion: 96 Resp: 296745
 Ion Ratio Lower Upper
 96 100
 61 127.6 0.0 280.6
 98 64.3 0.0 128.4

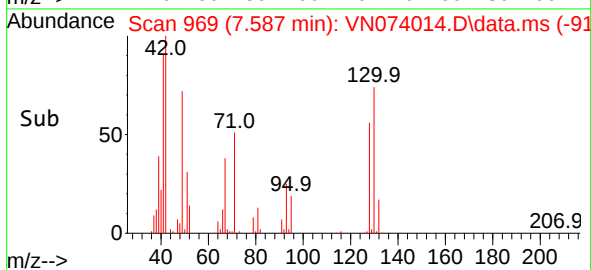
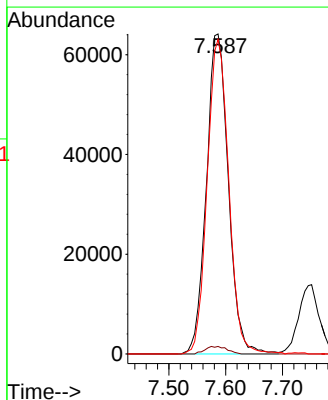
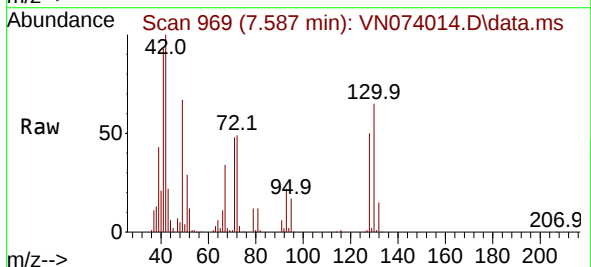
Manual Integrations
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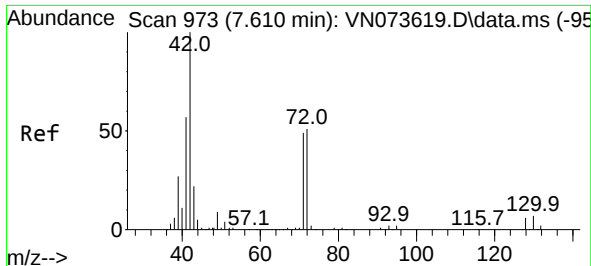
Reviewed By :John Carlone 08/19/2022
 Supervised By :Mahesh Dadoda 08/22/2022



#28
 Bromochloromethane
 Concen: 57.053 ug/l
 RT: 7.587 min Scan# 969
 Delta R.T. 0.001 min
 Lab File: VN074014.D
 Acq: 18 Aug 2022 19:05

Tgt Ion: 49 Resp: 172094
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 96.3 69.7 104.5





#29

Tetrahydrofuran

Concen: 316.828 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074014.D

Acq: 18 Aug 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

MW-106DMS

Tgt Ion: 42 Resp: 78507

Ion Ratio Lower Upper

42 100

72 51.1 39.7 59.5

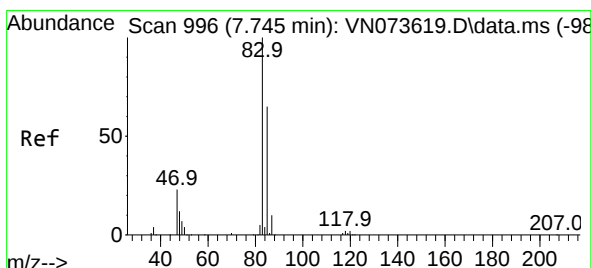
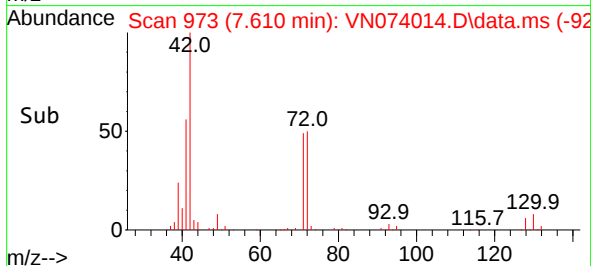
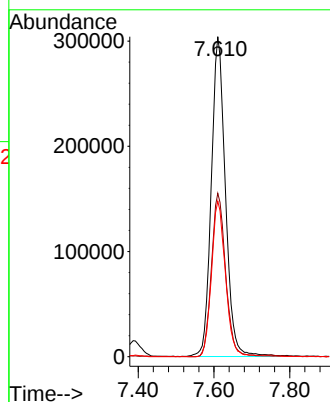
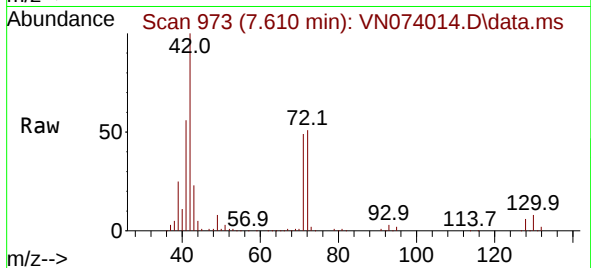
71 48.4 36.6 55.0

Manual Integrations

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Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#30

Chloroform

Concen: 53.637 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN074014.D

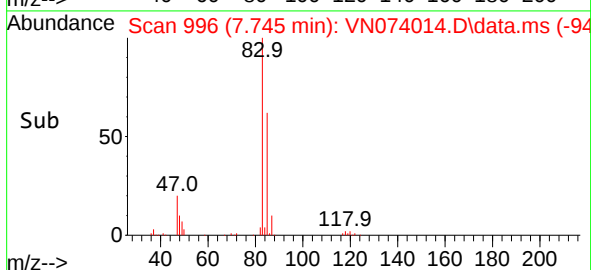
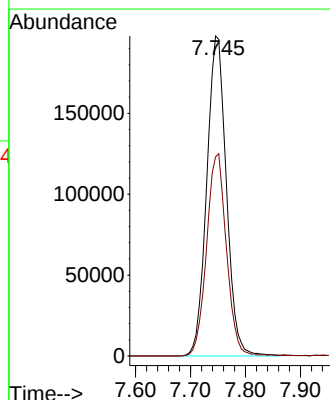
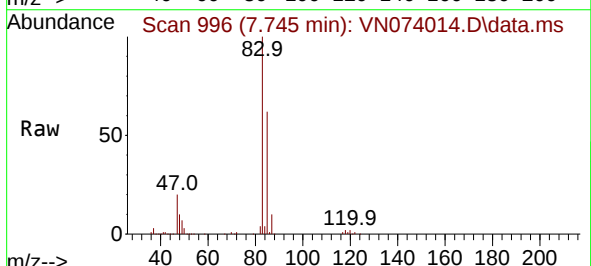
Acq: 18 Aug 2022 19:05

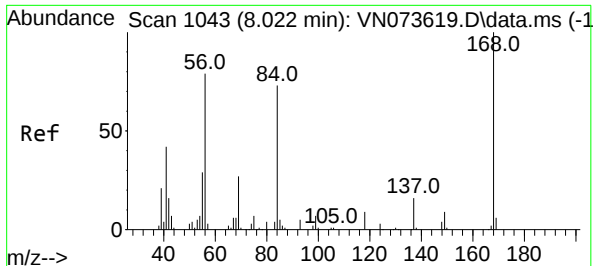
Tgt Ion: 83 Resp: 490512

Ion Ratio Lower Upper

83 100

85 62.2 51.8 77.8





#31

Cyclohexane

Concen: 47.781 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VN074014.D

Acq: 18 Aug 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

MW-106DMS

Tgt Ion: 56 Resp: 34394

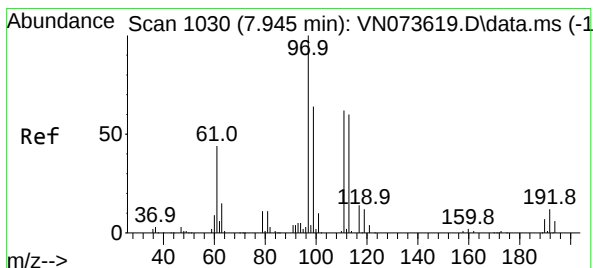
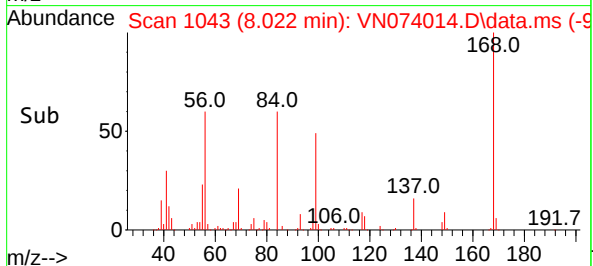
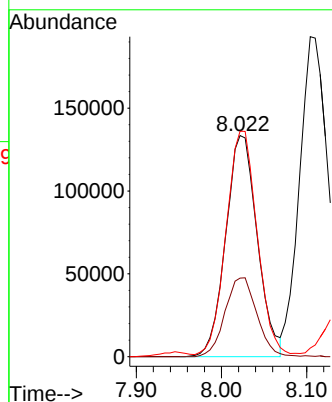
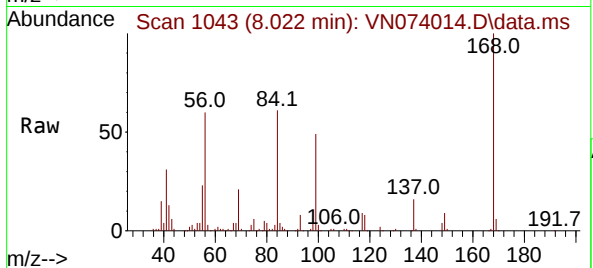
Ion	Ratio	Lower	Upper
56	100		
69	35.5	27.8	41.8
84	99.8	76.9	115.3

Manual Integrations

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Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#32

1,1,1-Trichloroethane

Concen: 52.027 ug/l

RT: 7.939 min Scan# 1029

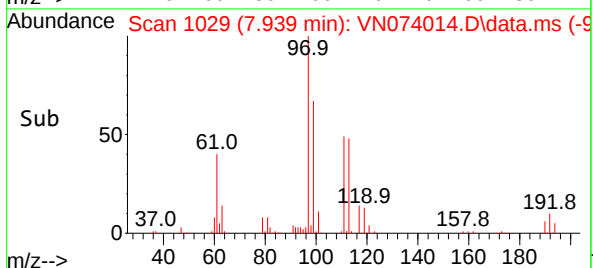
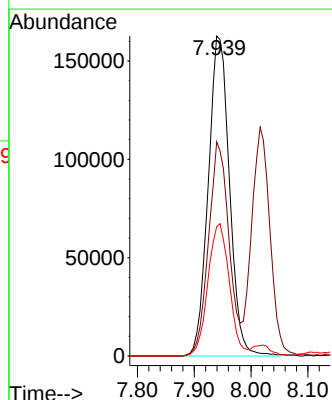
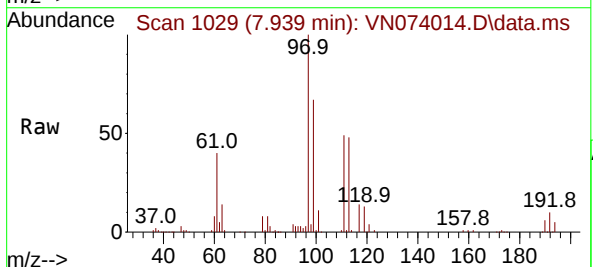
Delta R.T. -0.006 min

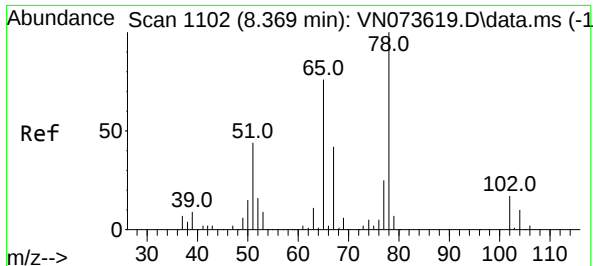
Lab File: VN074014.D

Acq: 18 Aug 2022 19:05

Tgt Ion: 97 Resp: 421935

Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.6	76.0
61	41.6	36.0	54.0





#33

1,2-Dichloroethane-d4

Concen: 57.172 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074014.D

Acq: 18 Aug 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

MW-106DMS

Tgt Ion: 65 Resp: 295224

Ion Ratio Lower Upper

65 100

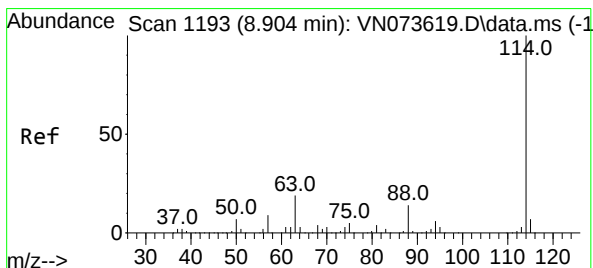
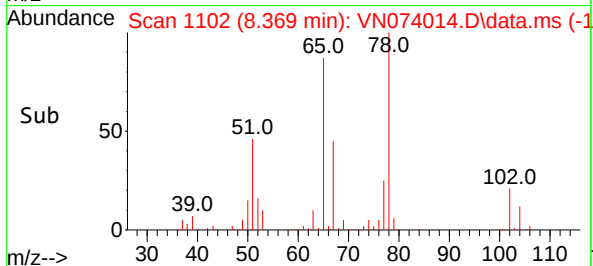
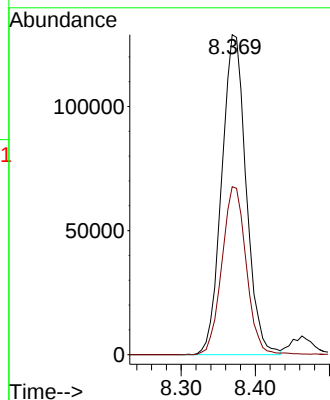
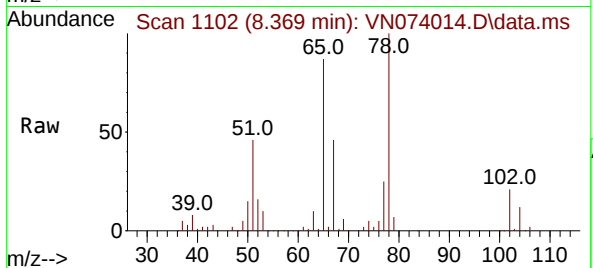
67 52.4 0.0 104.8

Manual Integrations

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Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074014.D

Acq: 18 Aug 2022 19:05

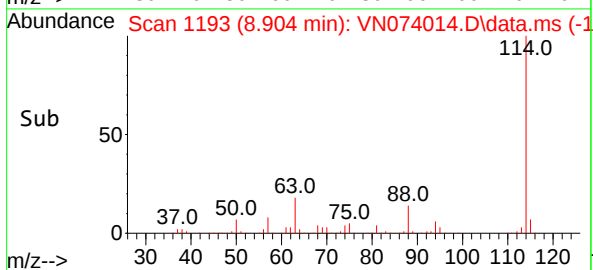
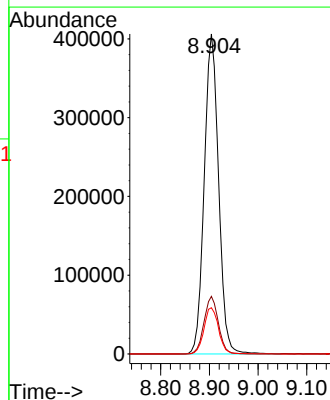
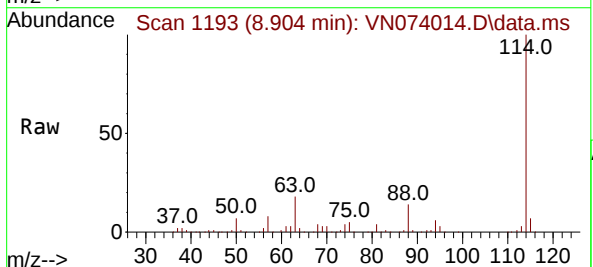
Tgt Ion:114 Resp: 828792

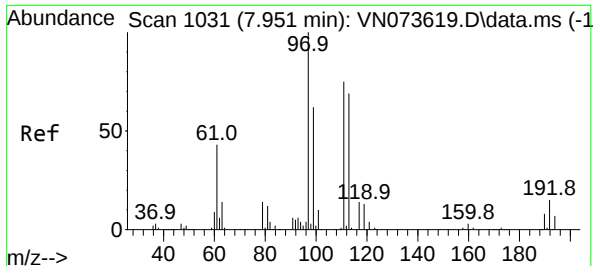
Ion Ratio Lower Upper

114 100

63 18.0 0.0 40.0

88 14.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.976 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074014.D

Acq: 18 Aug 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

MW-106DMS

Tgt Ion: 113 Resp: 259654

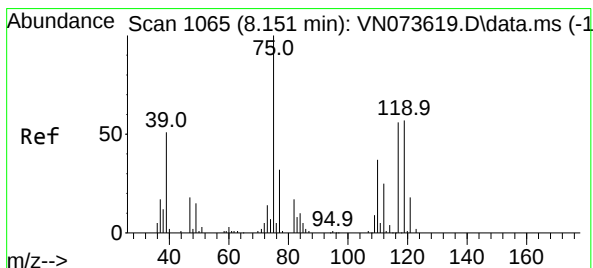
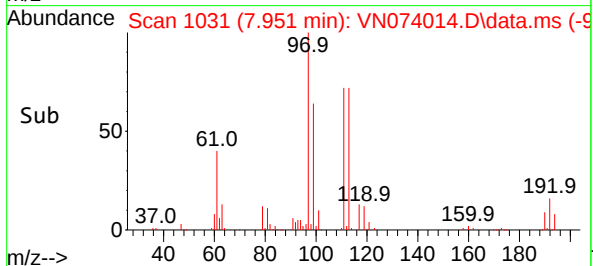
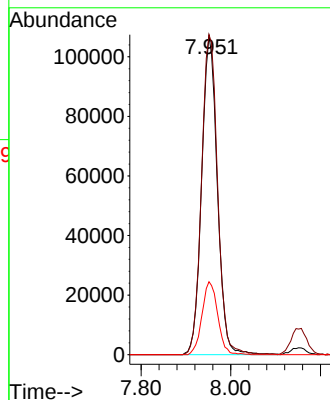
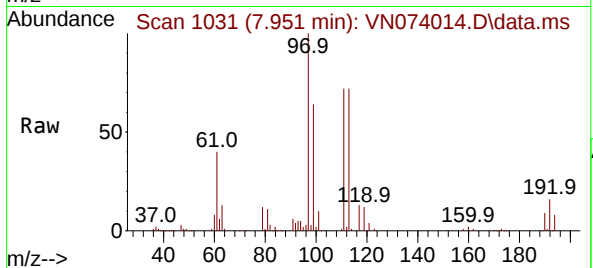
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.4	122.0
192	22.9	17.0	25.6

Manual Integrations

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Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#36

1,1-Dichloropropene

Concen: 48.560 ug/l

RT: 8.151 min Scan# 1065

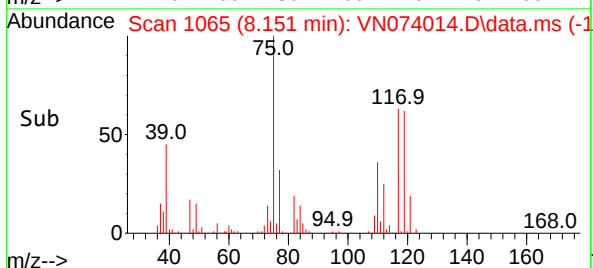
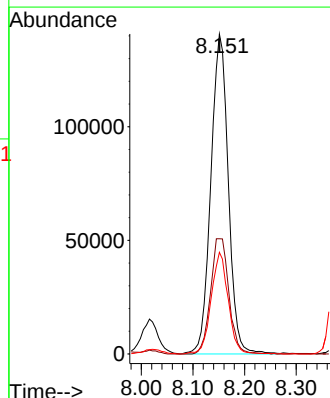
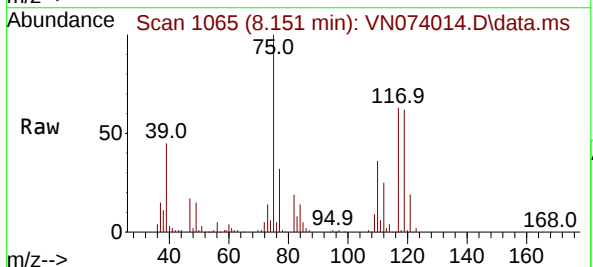
Delta R.T. 0.000 min

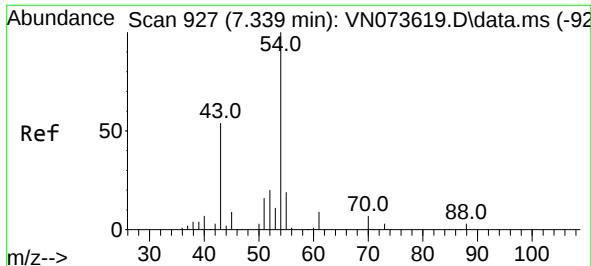
Lab File: VN074014.D

Acq: 18 Aug 2022 19:05

Tgt Ion: 75 Resp: 330589

Ion	Ratio	Lower	Upper
75	100		
110	37.7	18.3	54.8
77	31.0	25.1	37.7





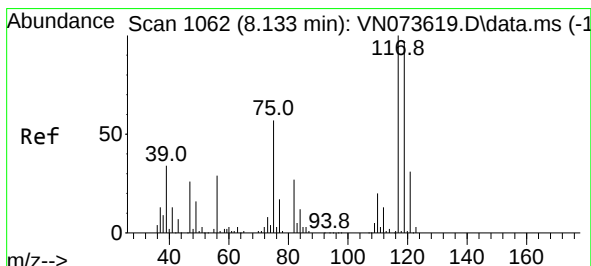
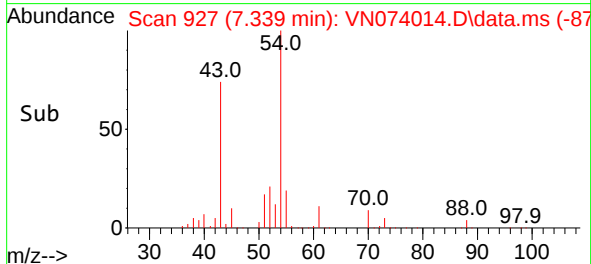
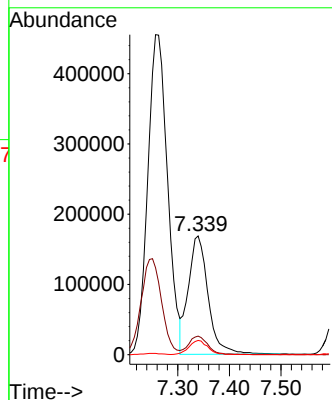
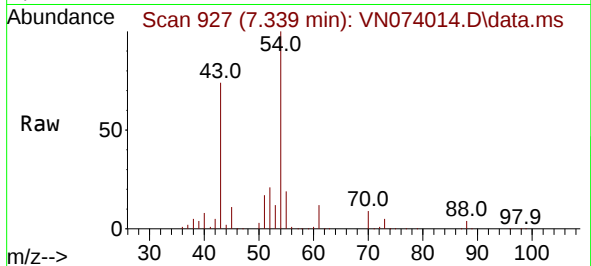
#37
Ethyl Acetate
Concen: 54.430 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

Instrument :
MSVOA_N
ClientSampleId :
MW-106DMS

Tgt Ion: 43 Resp: 44892
Ion Ratio Lower Upper
43 100
61 15.0 11.8 17.6
70 11.5 9.3 13.9

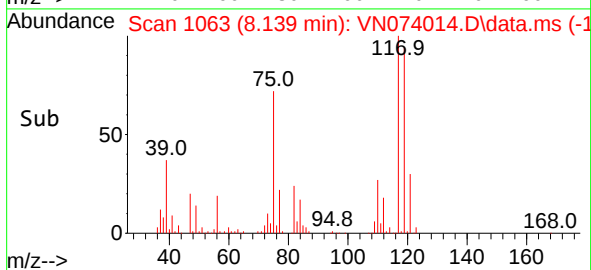
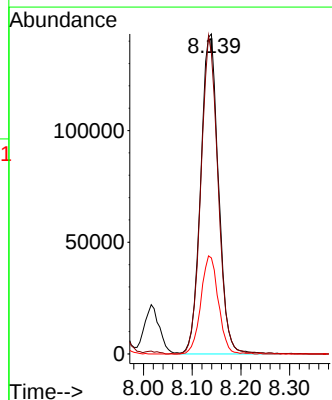
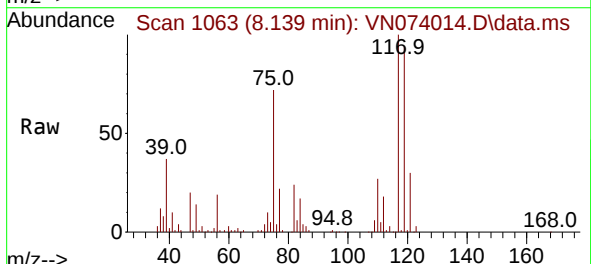
Manual Integrations
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Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#38
Carbon Tetrachloride
Concen: 46.644 ug/l
RT: 8.139 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

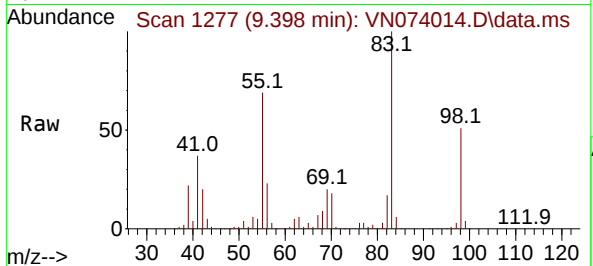
Tgt Ion:117 Resp: 362960
Ion Ratio Lower Upper
117 100
119 93.9 75.8 113.8
121 30.0 24.6 37.0





#39
Methylcyclohexane
Concen: 42.010 ug/l
RT: 9.398 min Scan# 1277
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

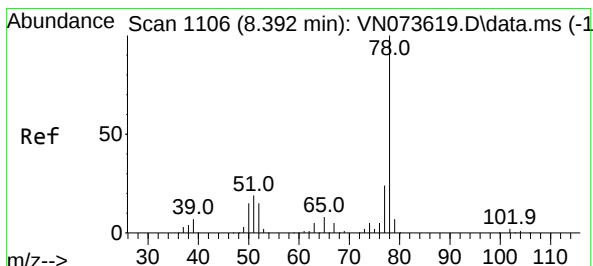
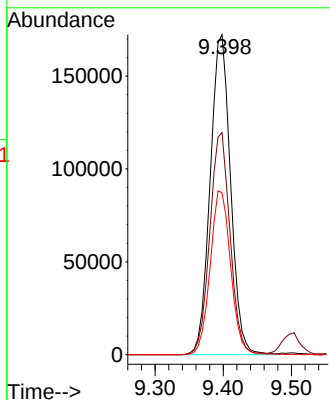
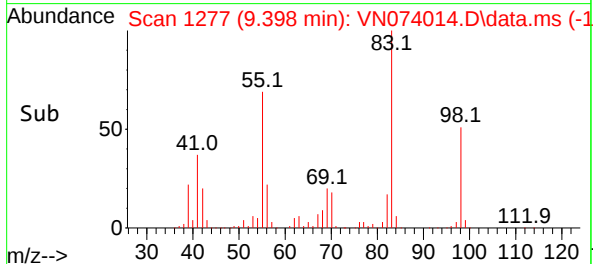
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMS



Tgt Ion: 83 Resp: 358358
Ion Ratio Lower Upper
83 100
55 69.4 57.8 86.8
98 50.6 39.4 59.2

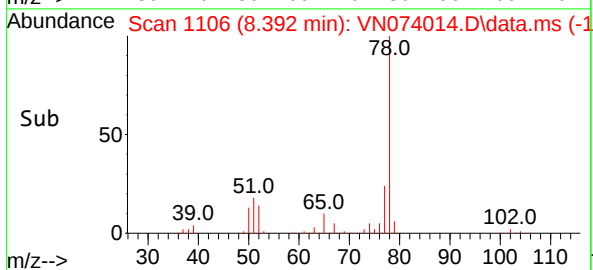
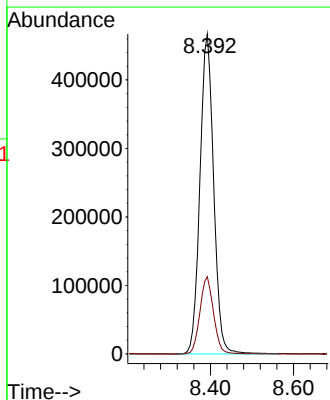
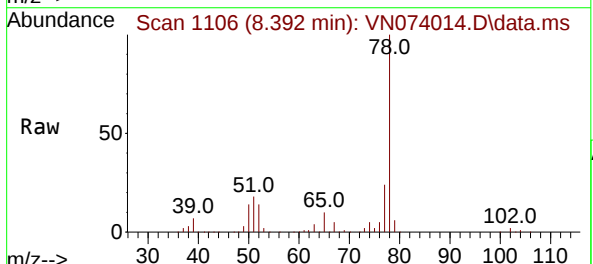
Manual Integrations
APPROVED

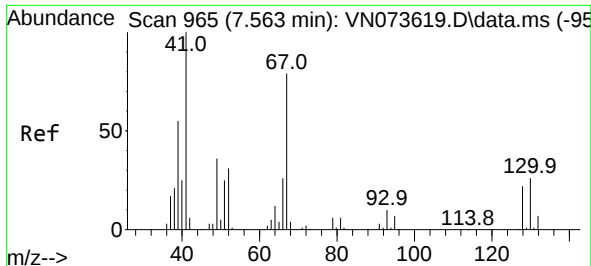
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#40
Benzene
Concen: 49.799 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

Tgt Ion: 78 Resp: 1070017
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0





#41
Methacrylonitrile
Concen: 49.485 ug/l
RT: 7.563 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

Instrument :

MSVOA_N

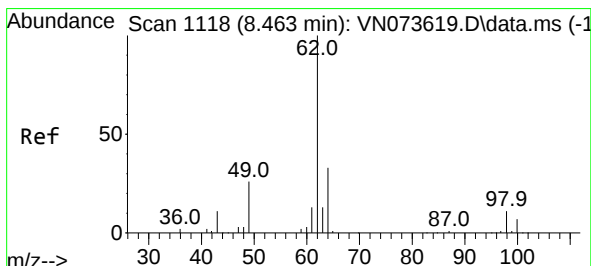
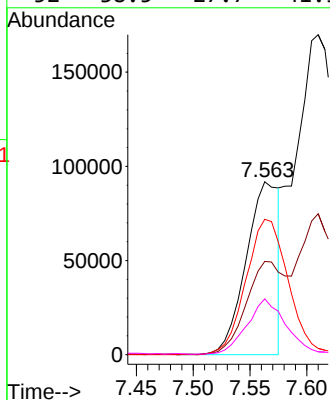
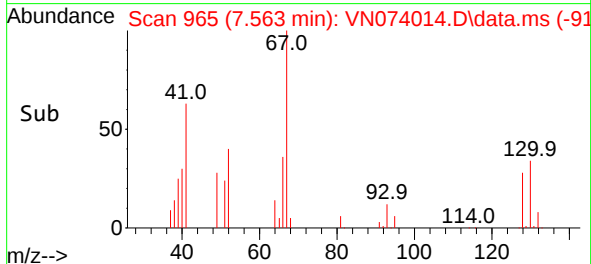
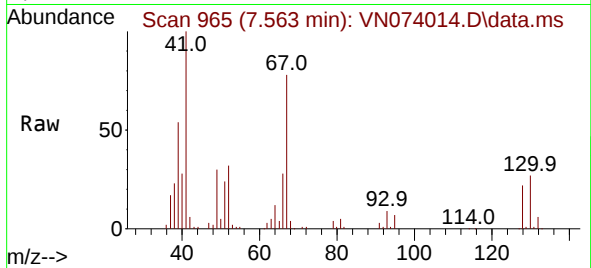
ClientSampleId :

MW-106DMS

Tgt Ion: 41 Resp: 18444
Ion Ratio Lower Upper
41 100
39 69.3 48.6 73.0
67 101.2 73.4 110.2
52 38.5 27.7 41.5

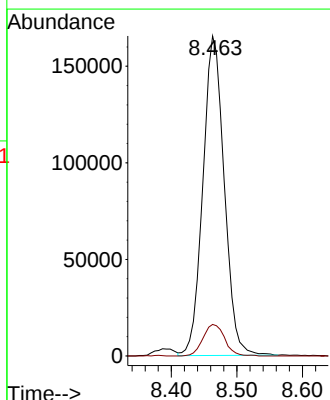
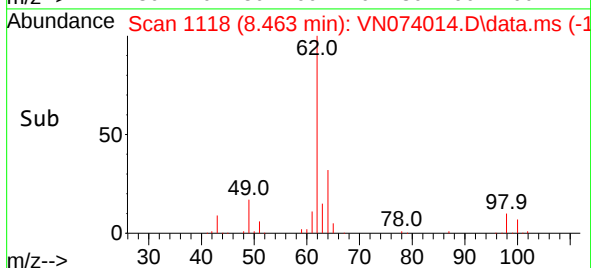
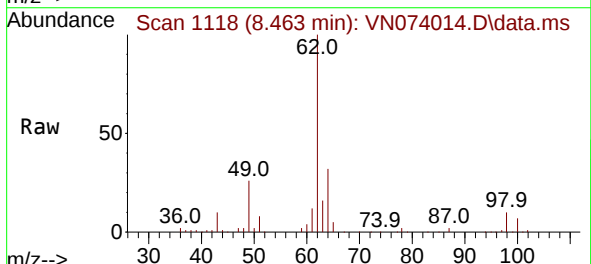
Manual Integrations
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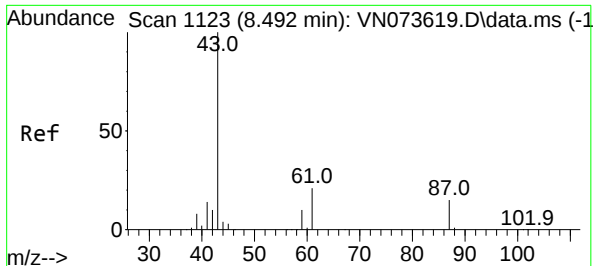
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#42
1,2-Dichloroethane
Concen: 50.754 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

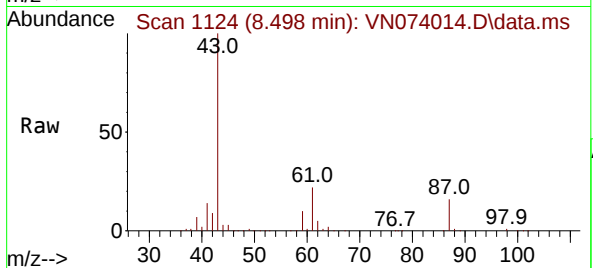
Tgt Ion: 62 Resp: 374969
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.4





#43
Isopropyl Acetate
Concen: 55.184 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

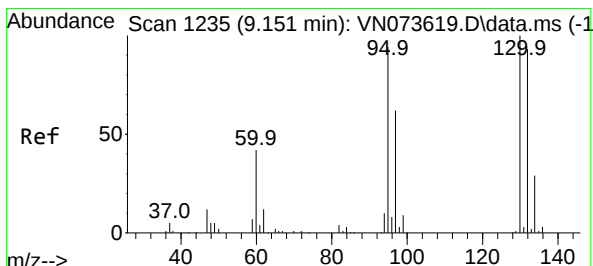
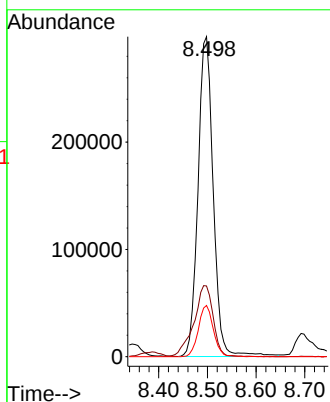
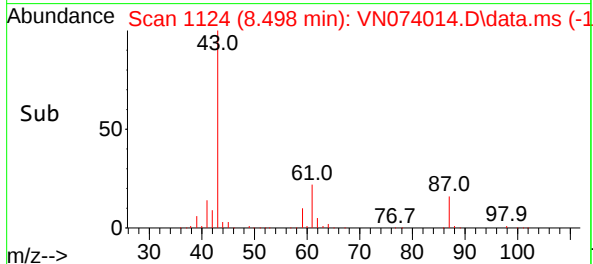
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMS



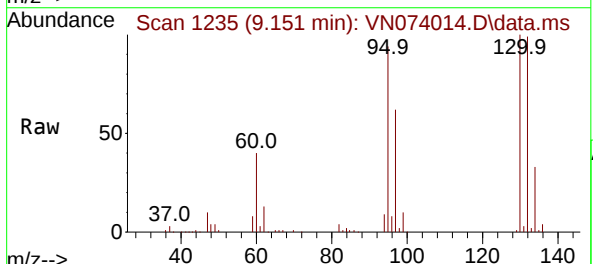
Tgt Ion: 43 Resp: 648379
Ion Ratio Lower Upper
43 100
61 27.8 21.9 32.9
87 15.7 12.0 18.0

Manual Integrations
APPROVED

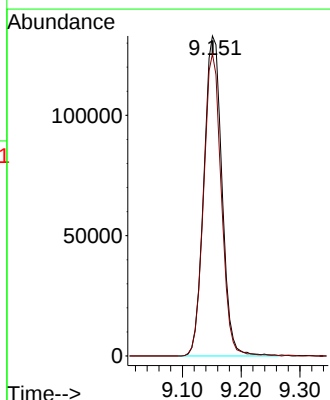
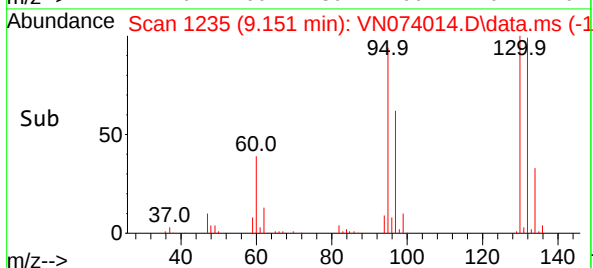
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

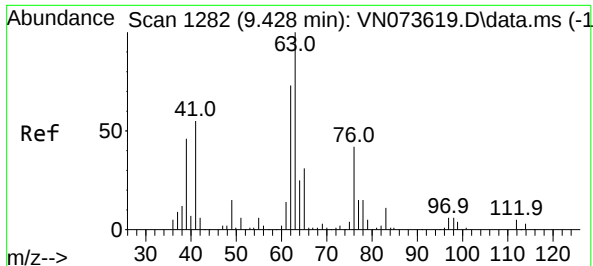


#44
Trichloroethene
Concen: 45.716 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05



Tgt Ion:130 Resp: 283715
Ion Ratio Lower Upper
130 100
95 94.4 0.0 186.8





#45

1,2-Dichloropropane

Concen: 51.909 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN074014.D

Acq: 18 Aug 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

MW-106DMS

Tgt Ion: 63 Resp: 267330

Ion Ratio Lower Upper

63 100

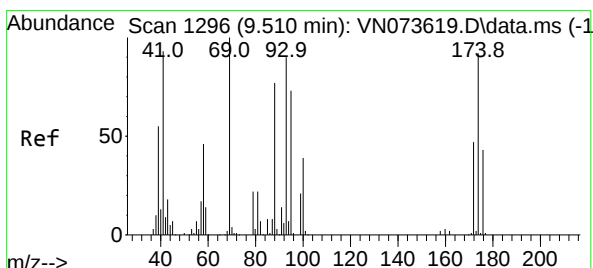
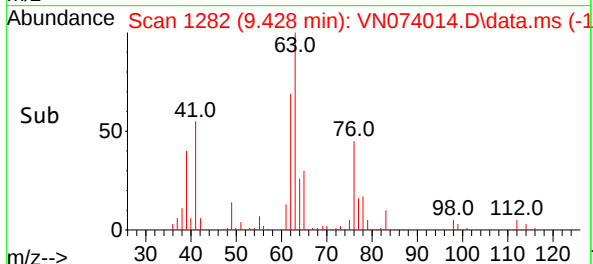
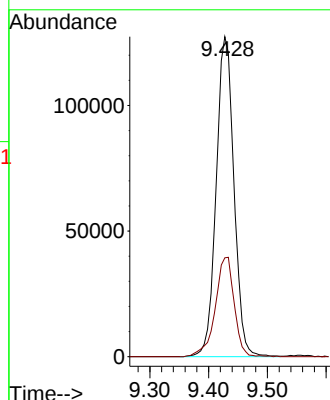
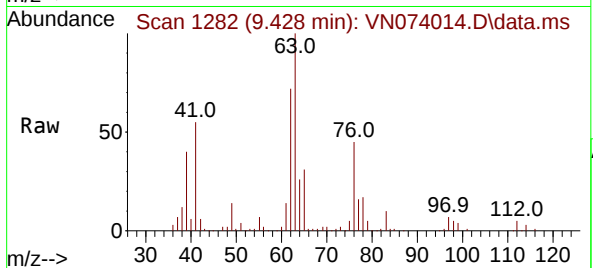
65 30.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#46

Dibromomethane

Concen: 49.849 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN074014.D

Acq: 18 Aug 2022 19:05

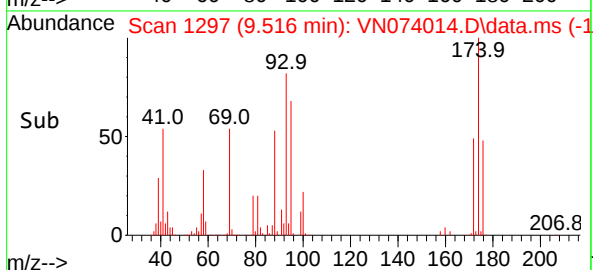
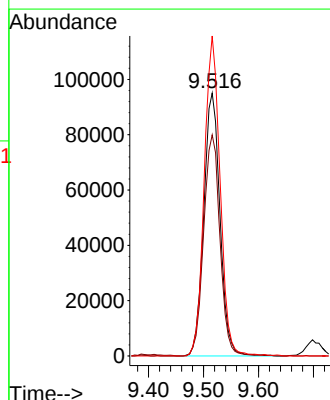
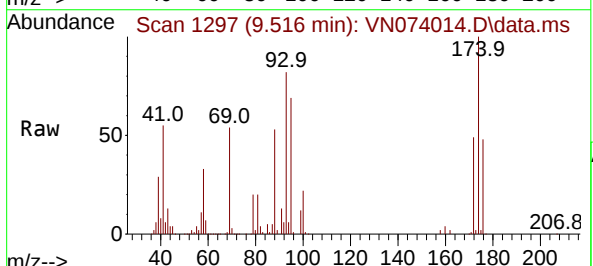
Tgt Ion: 93 Resp: 195184

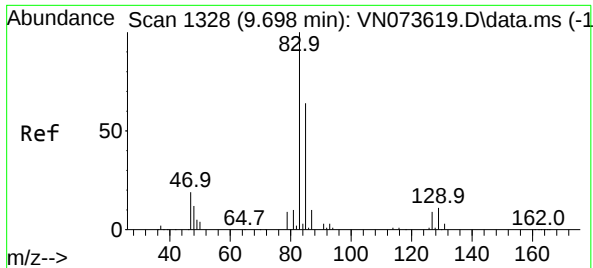
Ion Ratio Lower Upper

93 100

95 84.3 66.9 100.3

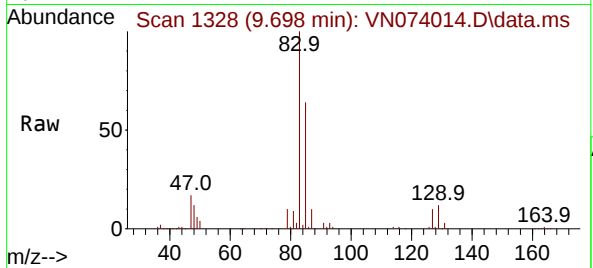
174 118.7 86.6 130.0





#47
Bromodichloromethane
Concen: 50.841 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

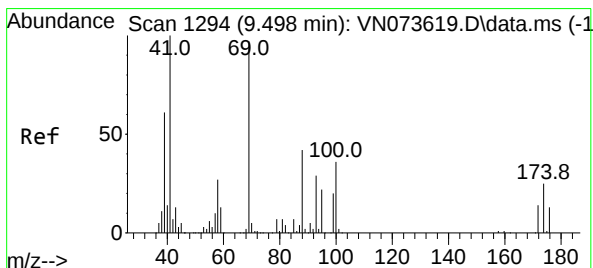
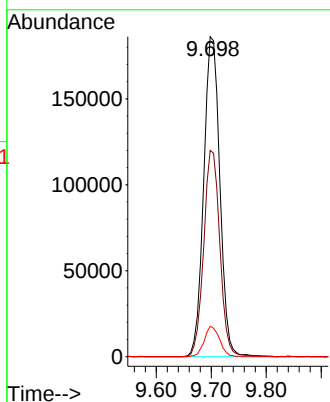
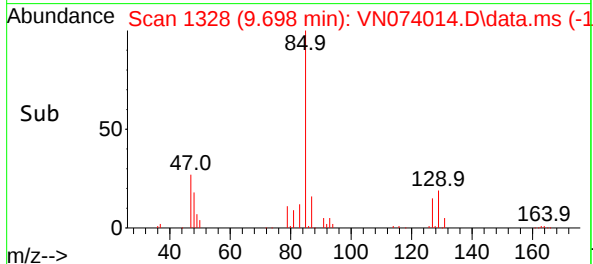
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMS



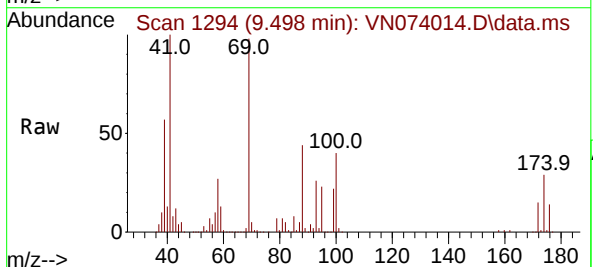
Tgt Ion: 83 Resp: 380490
Ion Ratio Lower Upper
83 100
85 64.5 50.5 75.7
127 9.5 6.8 10.2

Manual Integrations
APPROVED

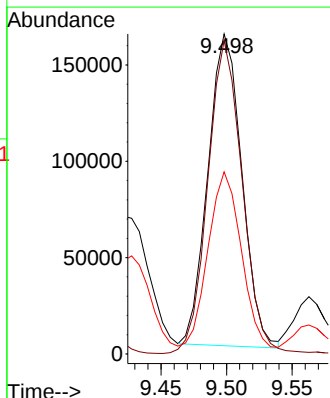
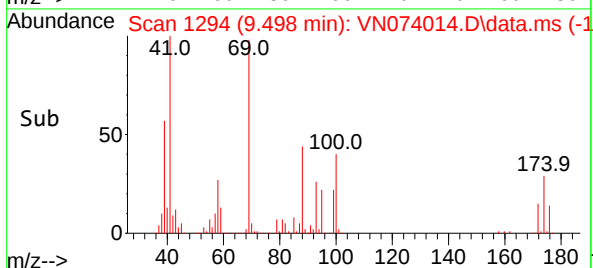
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

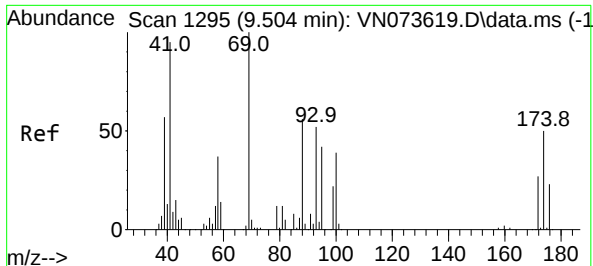


#48
Methyl methacrylate
Concen: 57.883 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05



Tgt Ion: 41 Resp: 291003
Ion Ratio Lower Upper
41 100
69 102.9 74.7 112.1
39 59.5 45.6 68.4





#49

1,4-Dioxane

Concen: 1144.386 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN074014.D

Acq: 18 Aug 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

MW-106DMS

Tgt Ion: 88 Resp: 171092

Ion Ratio Lower Upper

88 100

43 25.8 20.2 30.4

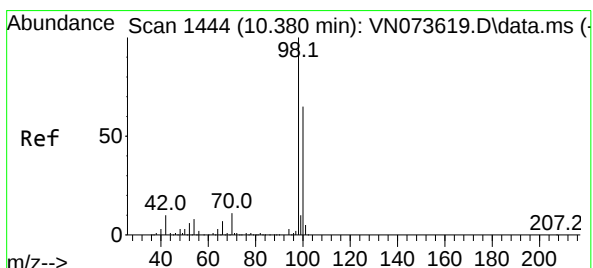
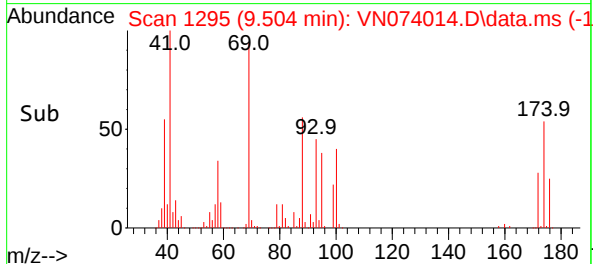
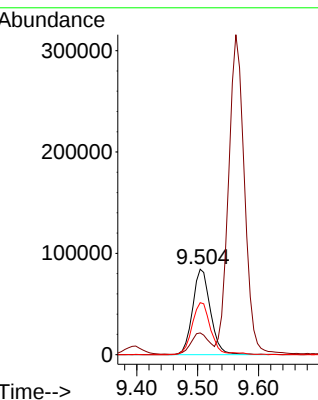
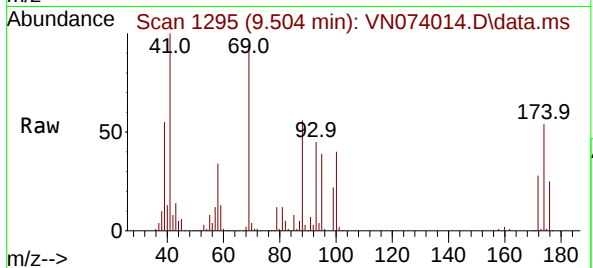
58 63.8 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#50

Toluene-d8

Concen: 51.606 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074014.D

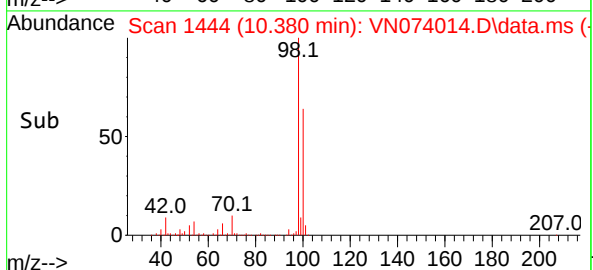
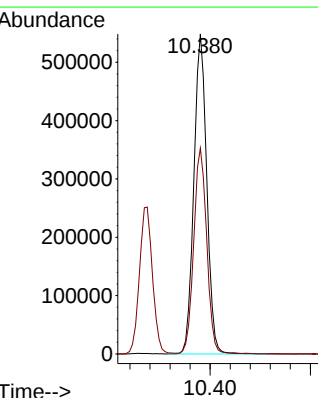
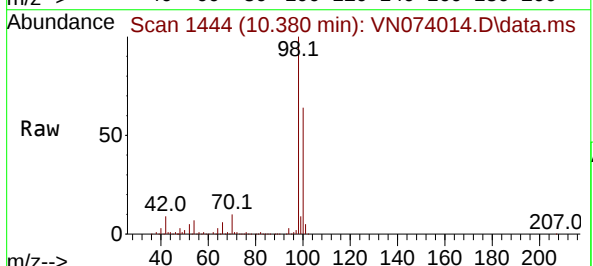
Acq: 18 Aug 2022 19:05

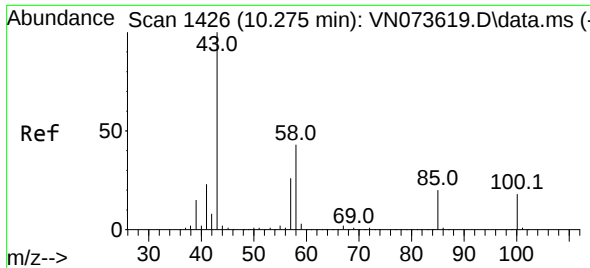
Tgt Ion: 98 Resp: 979624

Ion Ratio Lower Upper

98 100

100 65.0 52.6 78.8





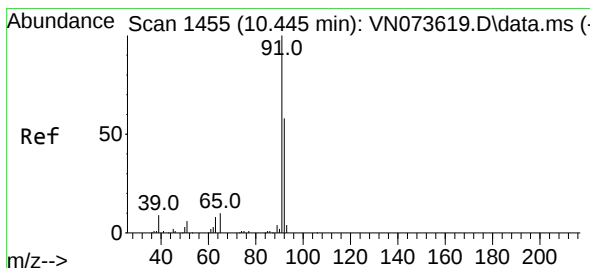
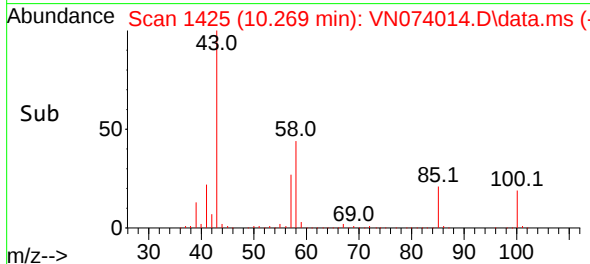
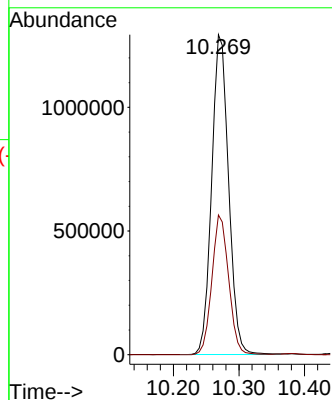
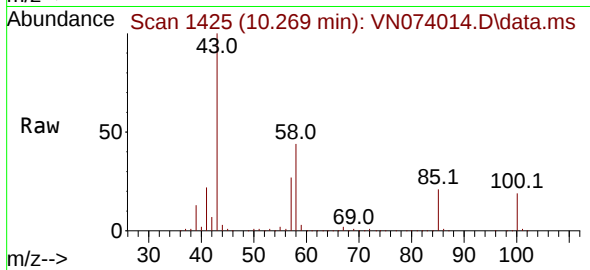
#51
4-Methyl-2-Pentanone
Concen: 291.874 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

Instrument :
MSVOA_N
ClientSampleId :
MW-106DMS

Tgt Ion: 43 Resp: 231859
Ion Ratio Lower Upper
43 100
58 43.2 34.1 51.1

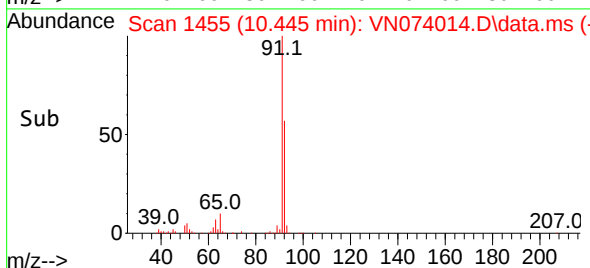
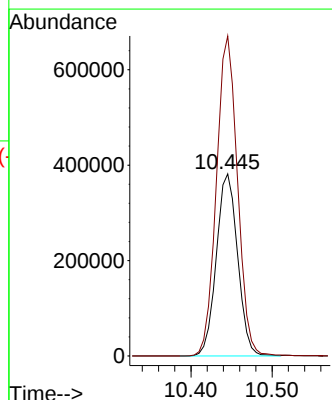
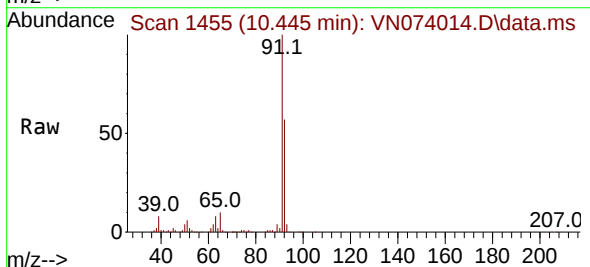
Manual Integrations
APPROVED

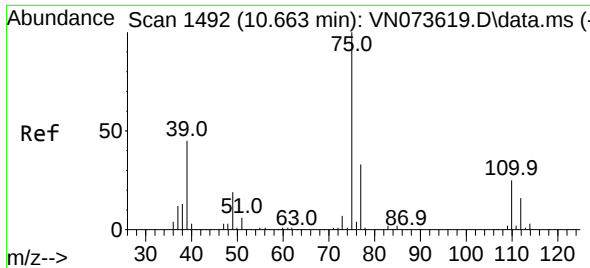
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#52
Toluene
Concen: 47.171 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

Tgt Ion: 92 Resp: 695010
Ion Ratio Lower Upper
92 100
91 174.5 138.6 207.8





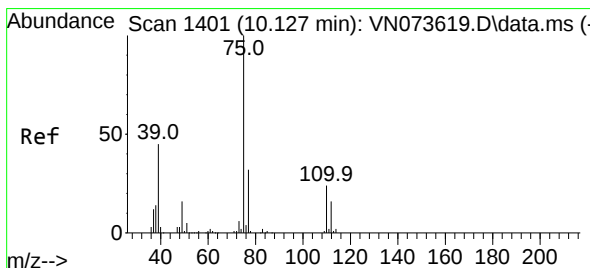
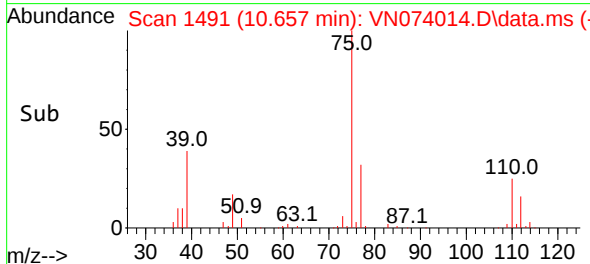
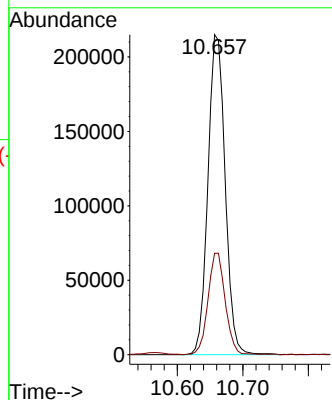
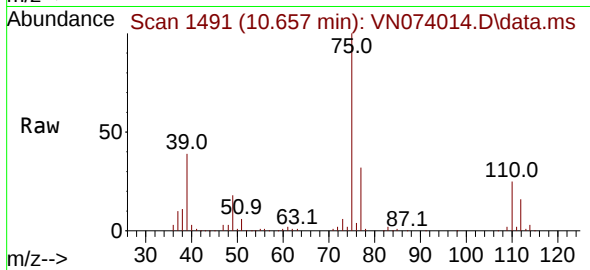
#53
t-1,3-Dichloropropene
Concen: 50.016 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

Instrument :
MSVOA_N
ClientSampleId :
MW-106DMS

Tgt Ion: 75 Resp: 392780
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4

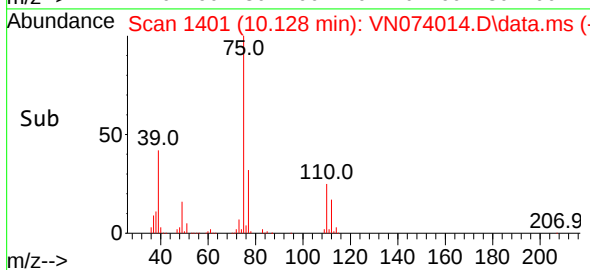
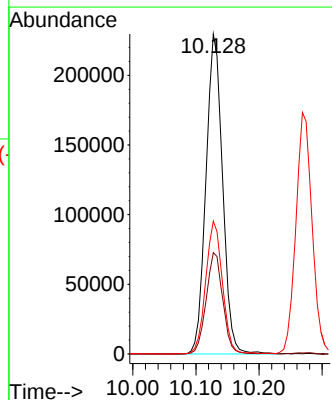
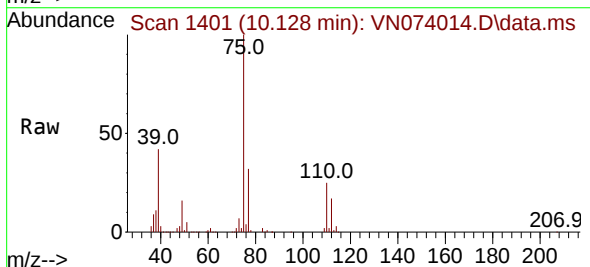
Manual Integrations
APPROVED

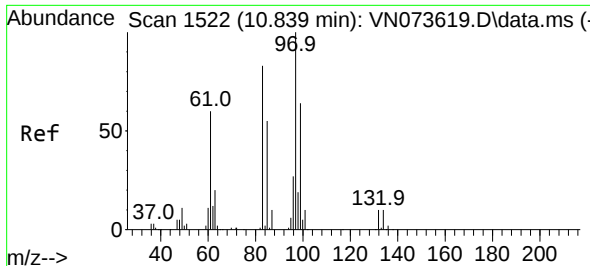
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#54
cis-1,3-Dichloropropene
Concen: 48.979 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.001 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

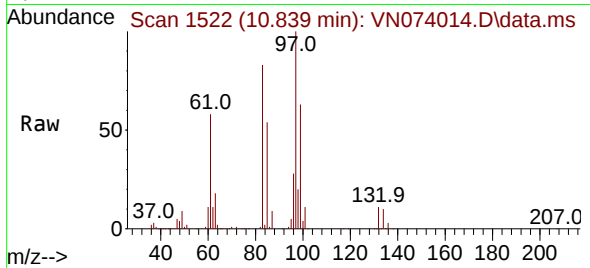
Tgt Ion: 75 Resp: 420849
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8
39 41.4 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 51.452 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

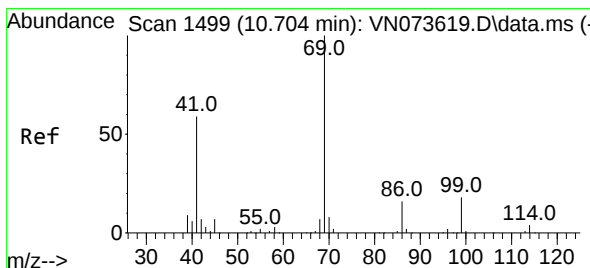
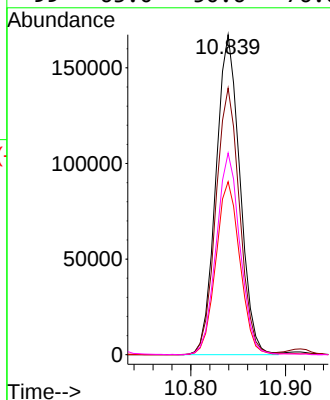
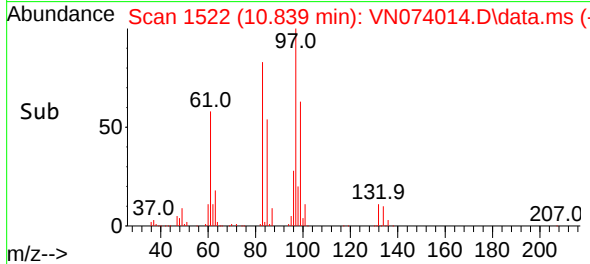
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMS



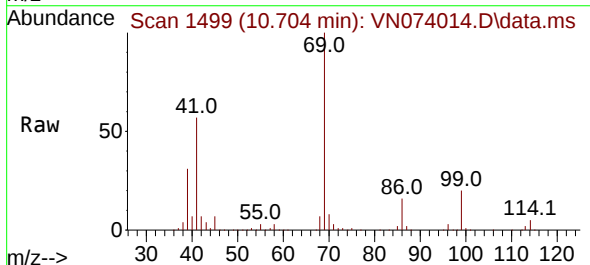
Tgt Ion: 97 Resp: 294892
Ion Ratio Lower Upper
97 100
83 83.3 66.2 99.4
85 54.0 43.9 65.9
99 63.0 50.6 76.0

Manual Integrations
APPROVED

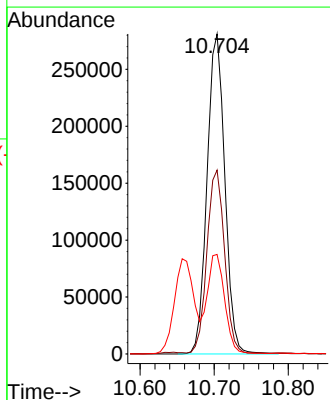
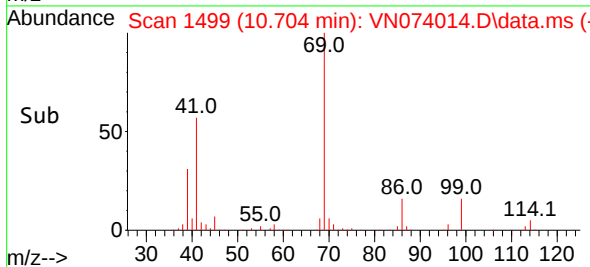
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#56
Ethyl methacrylate
Concen: 57.269 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05



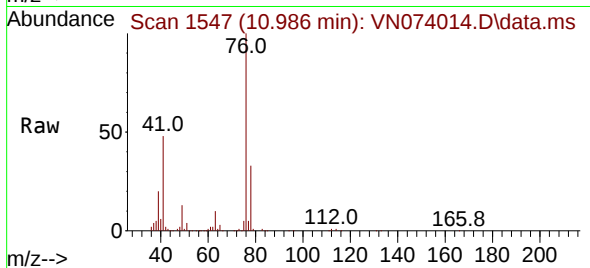
Tgt Ion: 69 Resp: 468145
Ion Ratio Lower Upper
69 100
41 56.7 47.8 71.6
39 30.5 27.3 40.9





#57
1,3-Dichloropropane
Concen: 52.672 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

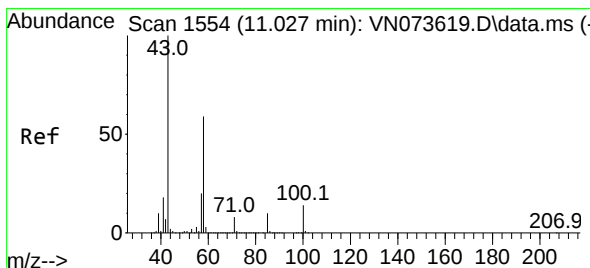
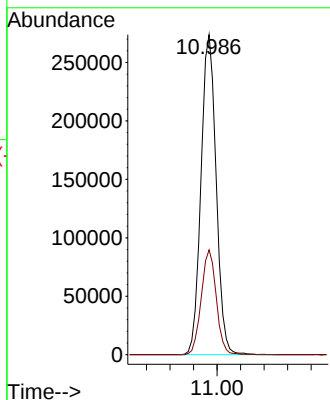
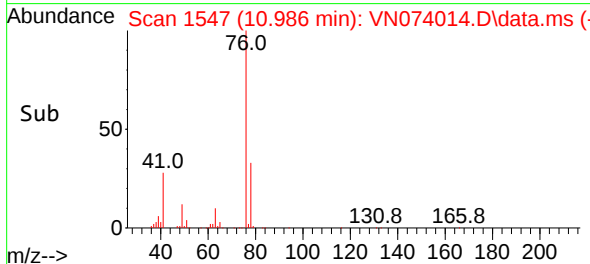
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMS



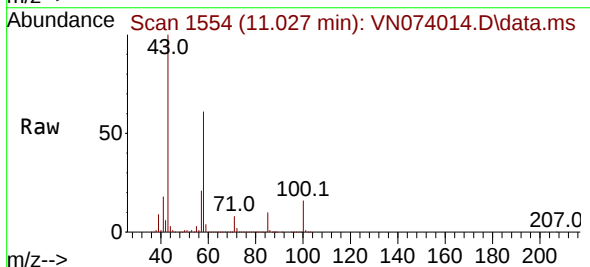
Tgt Ion: 76 Resp: 490840
Ion Ratio Lower Upper
76 100
78 32.4 26.2 39.2

Manual Integrations
APPROVED

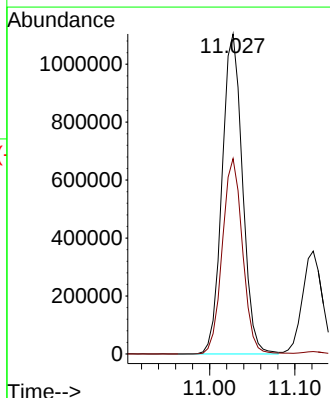
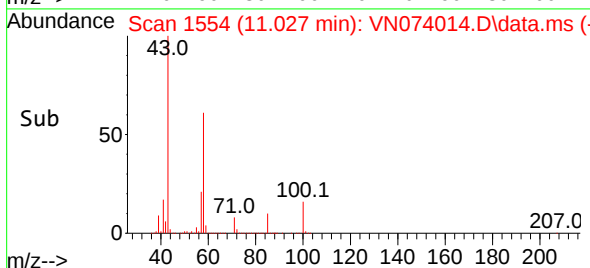
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

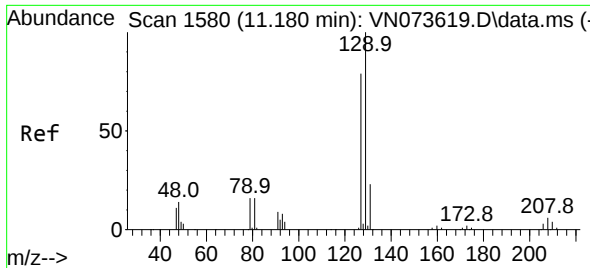


#59
2-Hexanone
Concen: 300.274 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05



Tgt Ion: 43 Resp: 1835764
Ion Ratio Lower Upper
43 100
58 60.5 29.7 89.1





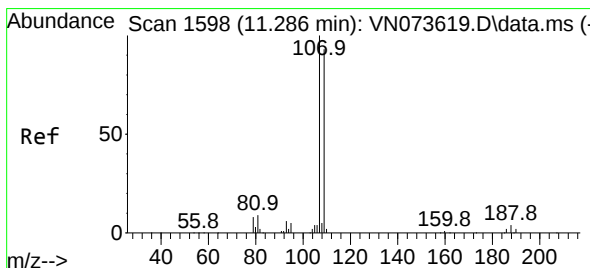
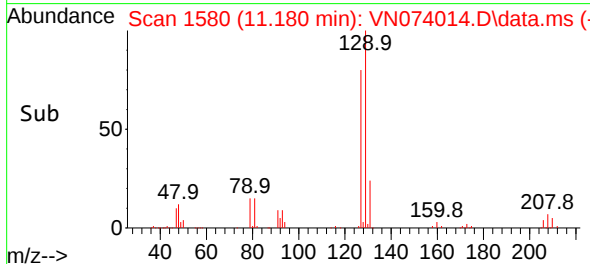
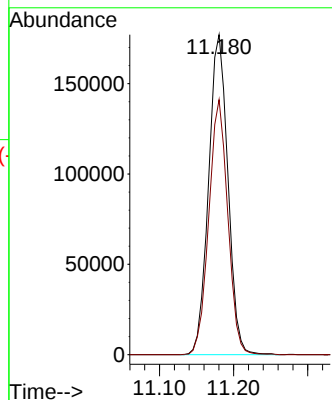
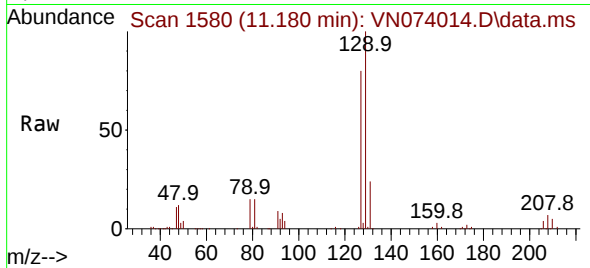
#60
Dibromochloromethane
Concen: 50.522 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

Instrument :
MSVOA_N
ClientSampleId :
MW-106DMS

Tgt Ion:129 Resp: 32021
Ion Ratio Lower Upper
129 100
127 78.4 38.8 116.4

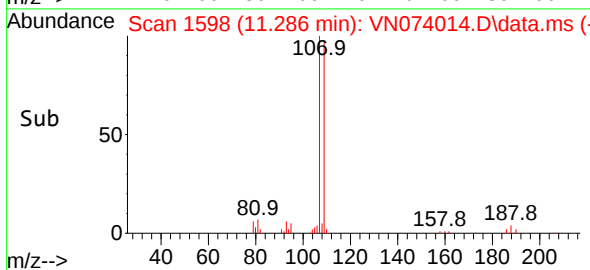
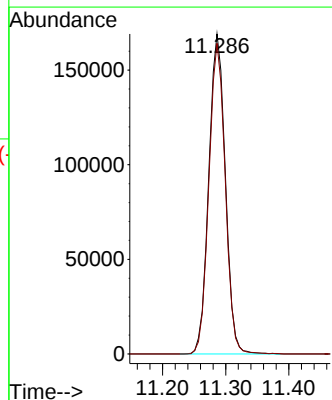
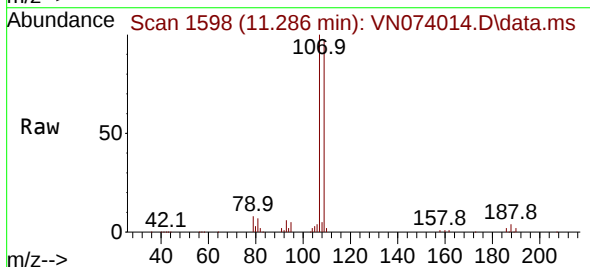
Manual Integrations
APPROVED

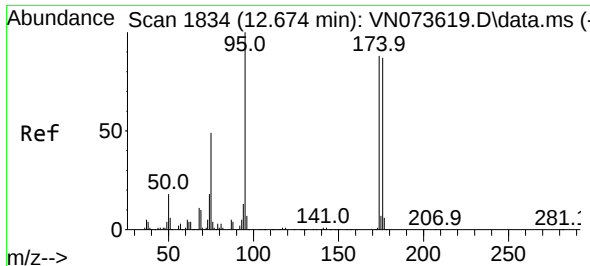
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#61
1,2-Dibromoethane
Concen: 50.300 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

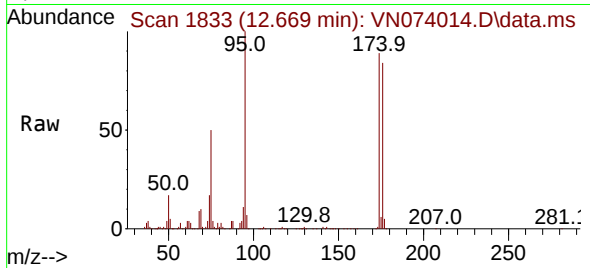
Tgt Ion:107 Resp: 308345
Ion Ratio Lower Upper
107 100
109 95.8 75.0 112.6





#62
4-Bromofluorobenzene
Concen: 54.227 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

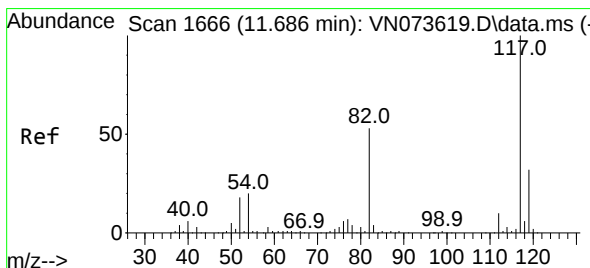
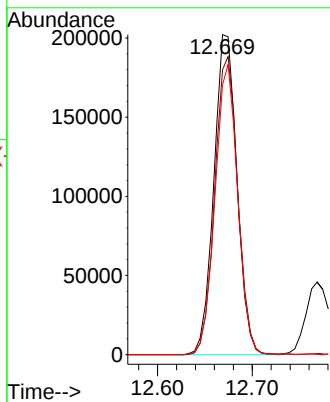
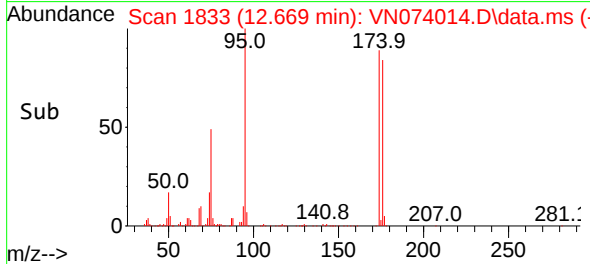
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMS



Tgt Ion: 95 Resp: 341630
Ion Ratio Lower Upper
95 100
174 92.9 0.0 167.6
176 88.9 0.0 163.4

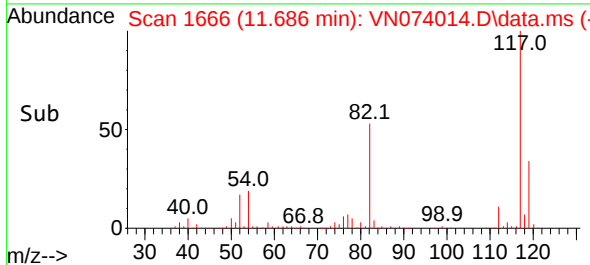
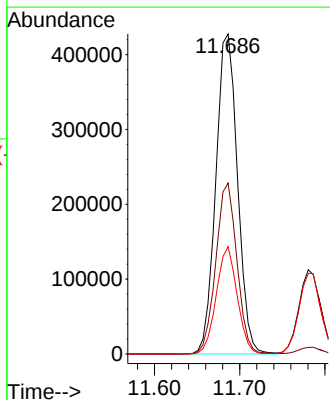
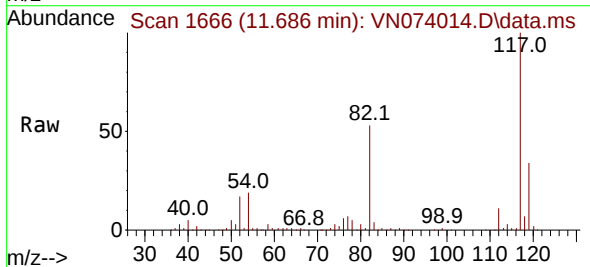
Manual Integrations
APPROVED

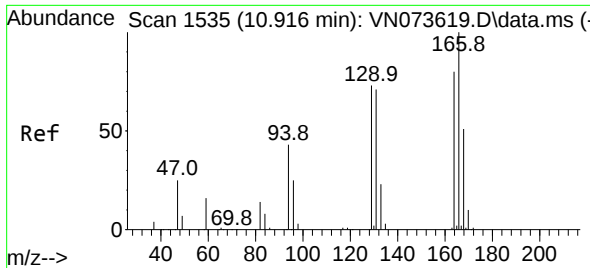
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

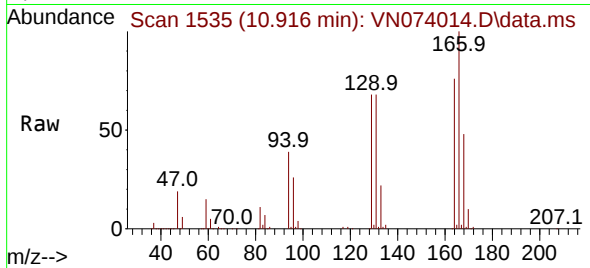
Tgt Ion:117 Resp: 756637
Ion Ratio Lower Upper
117 100
82 53.4 44.2 66.2
119 33.6 25.4 38.0





#64
Tetrachloroethene
Concen: 41.231 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

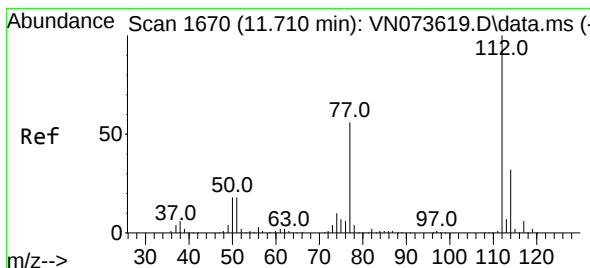
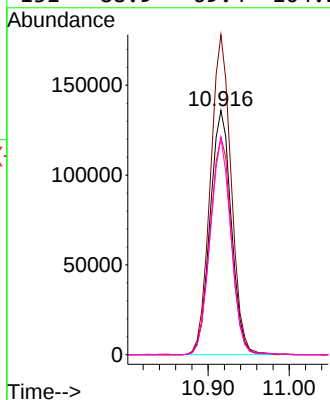
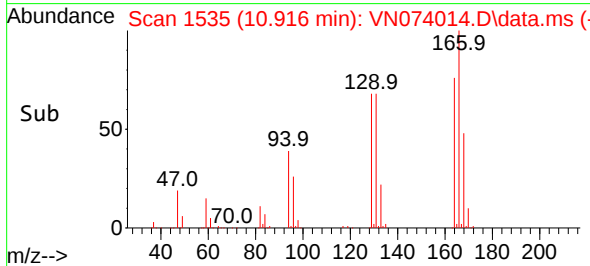
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMS



Tgt Ion:164 Resp: 246228
Ion Ratio Lower Upper
164 100
166 131.1 104.2 156.2
129 89.0 73.9 110.9
131 88.9 69.4 104.2

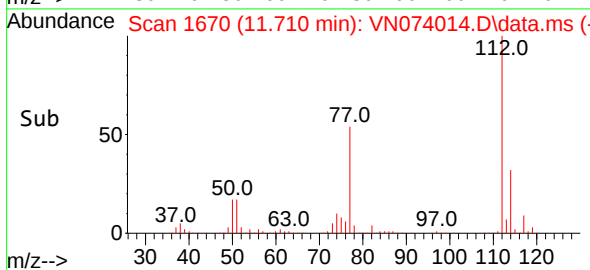
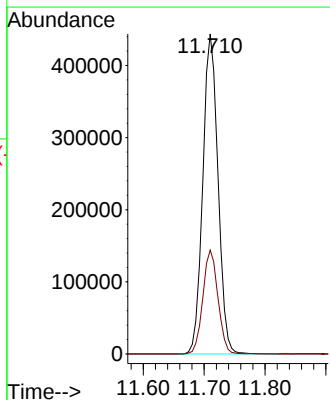
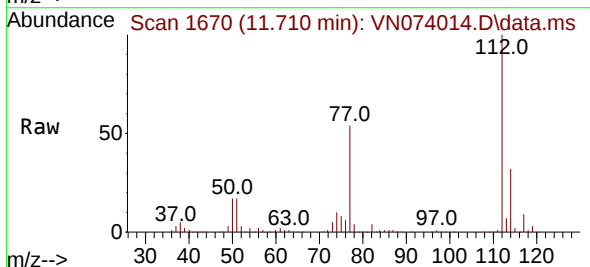
Manual Integrations
APPROVED

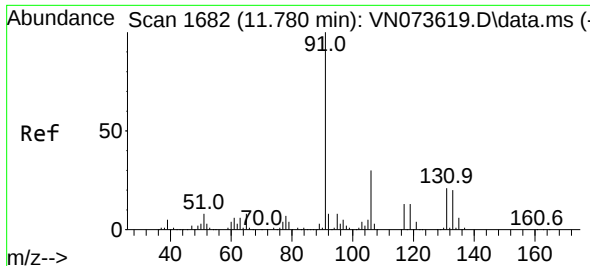
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#65
Chlorobenzene
Concen: 47.899 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

Tgt Ion:112 Resp: 770242
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2





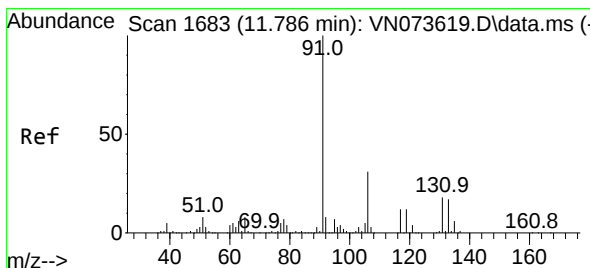
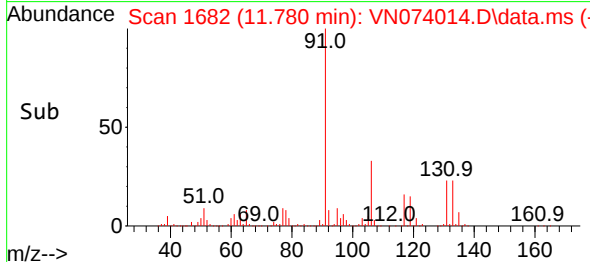
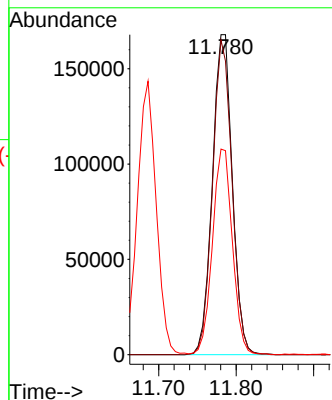
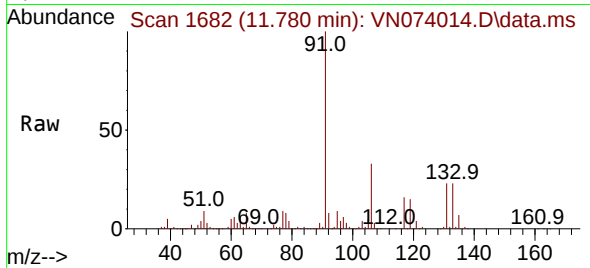
#66
1,1,1,2-Tetrachloroethane
Concen: 49.363 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

Instrument :
MSVOA_N
ClientSampleId :
MW-106DMS

Tgt Ion:131 Resp: 300584
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.4
119 64.2 33.4 100.2

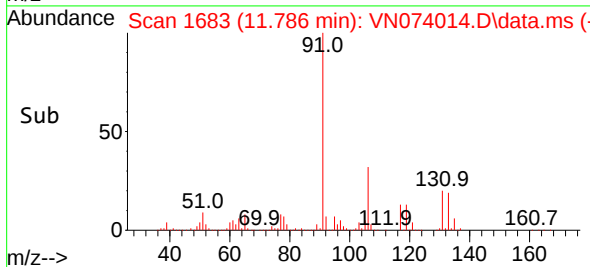
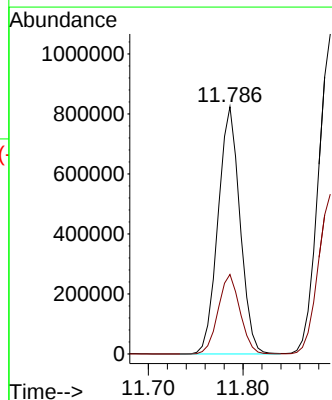
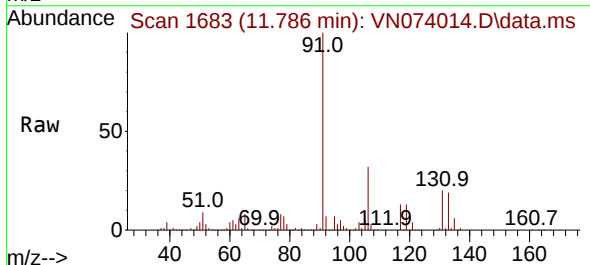
Manual Integrations
APPROVED

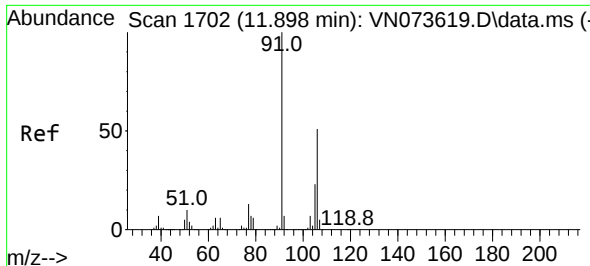
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#67
Ethyl Benzene
Concen: 49.660 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

Tgt Ion: 91 Resp: 1328035
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3





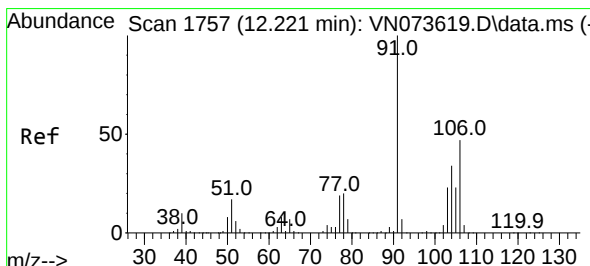
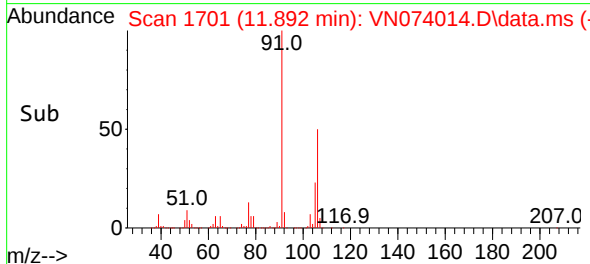
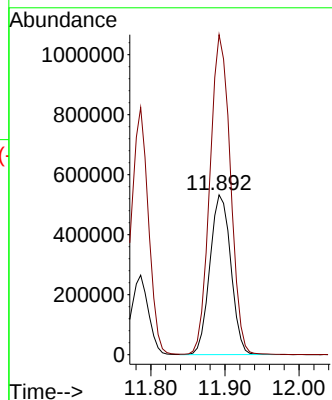
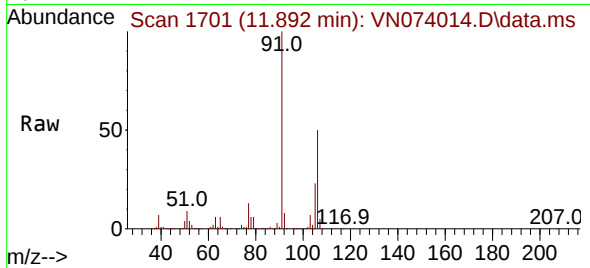
#68
m/p-Xylenes
Concen: 96.077 ug/l
RT: 11.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

Instrument :
MSVOA_N
ClientSampleId :
MW-106DMS

Tgt Ion:106 Resp: 1043940
Ion Ratio Lower Upper
106 100
91 196.7 158.9 238.3

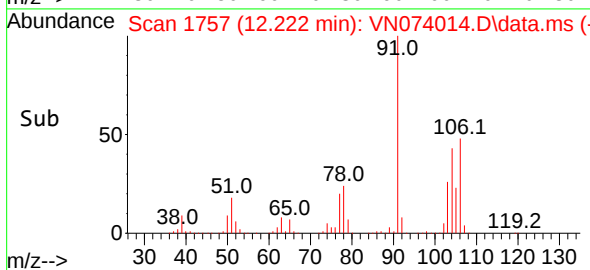
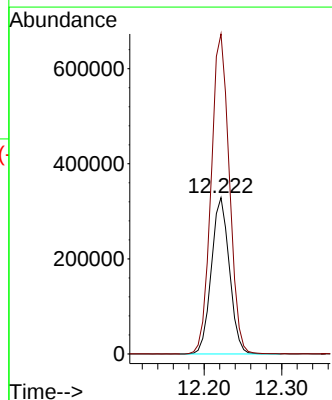
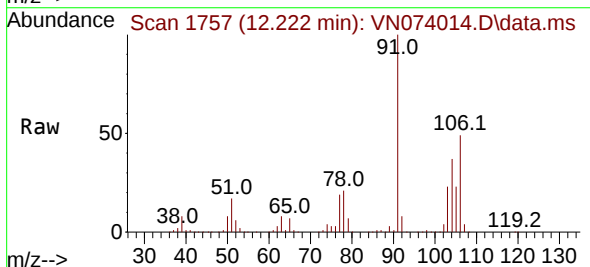
Manual Integrations
APPROVED

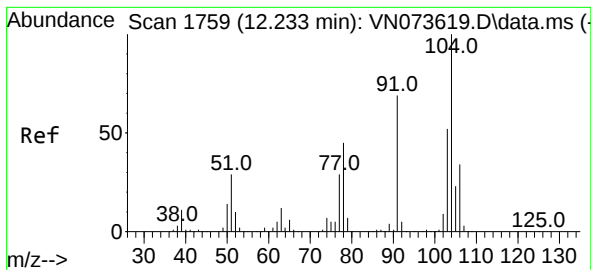
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#69
o-Xylene
Concen: 48.684 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.001 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

Tgt Ion:106 Resp: 530468
Ion Ratio Lower Upper
106 100
91 207.4 106.0 318.0





#70

Styrene

Concen: 49.847 ug/l

RT: 12.233 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN074014.D

Acq: 18 Aug 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

MW-106DMS

Tgt Ion:104 Resp: 850328

Ion Ratio Lower Upper

104 100

78 47.7 39.5 59.3

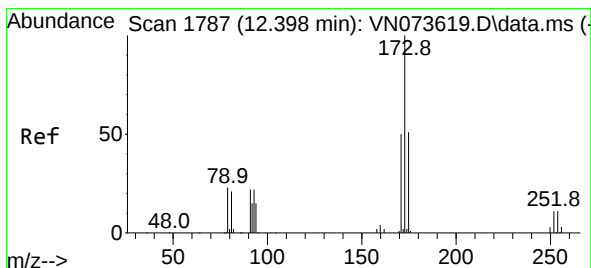
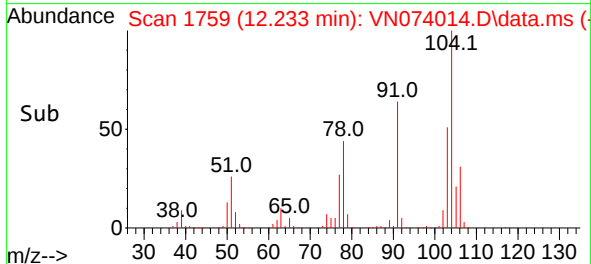
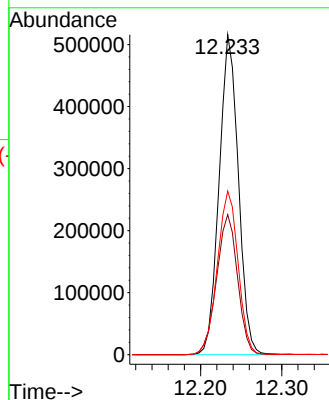
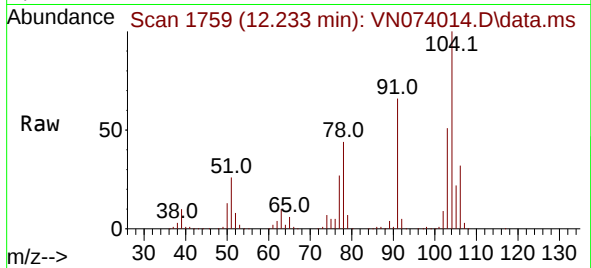
103 55.3 44.0 66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#71

Bromoform

Concen: 48.993 ug/l

RT: 12.398 min Scan# 1787

Delta R.T. -0.000 min

Lab File: VN074014.D

Acq: 18 Aug 2022 19:05

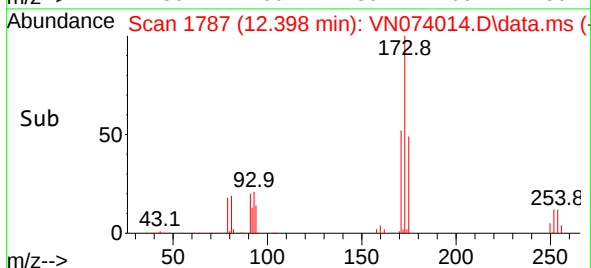
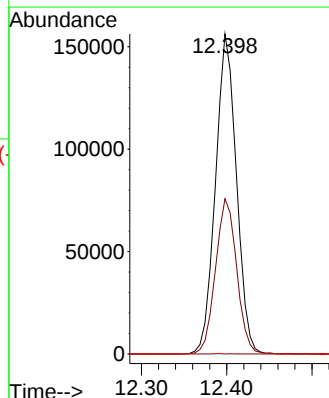
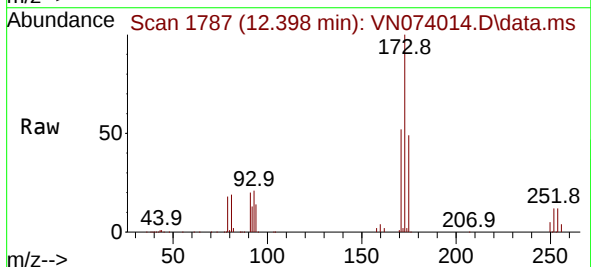
Tgt Ion:173 Resp: 266356

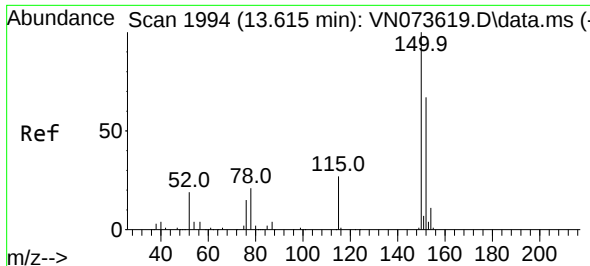
Ion Ratio Lower Upper

173 100

175 49.1 24.6 73.6

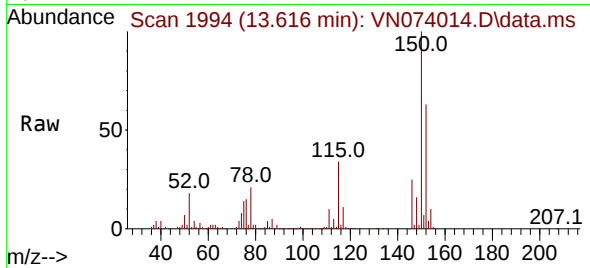
254 0.1 0.1 0.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

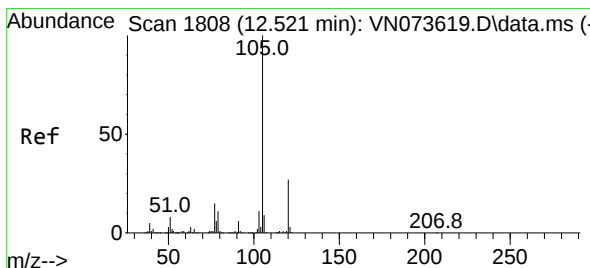
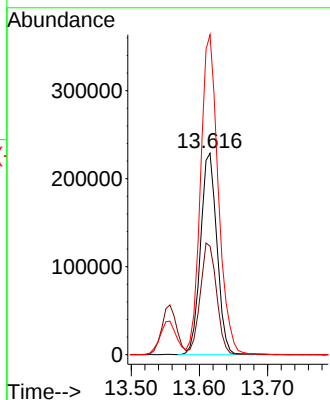
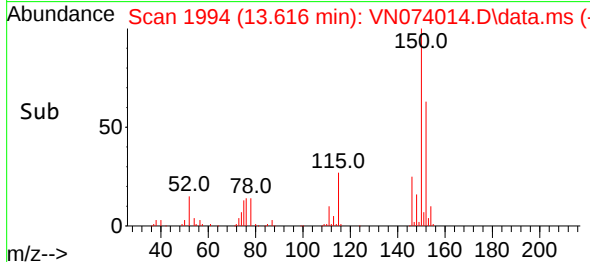
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMS



Tgt Ion:152 Resp: 382975
Ion Ratio Lower Upper
152 100
115 55.0 28.9 86.7
150 171.4 0.0 356.2

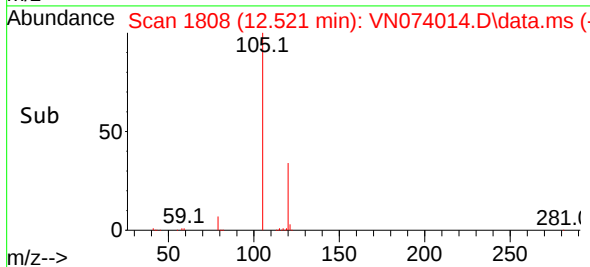
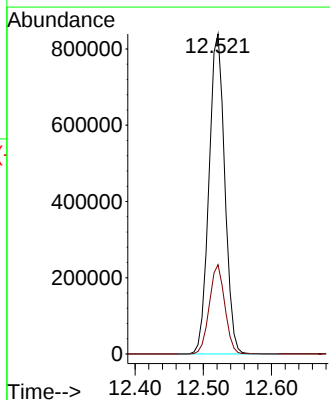
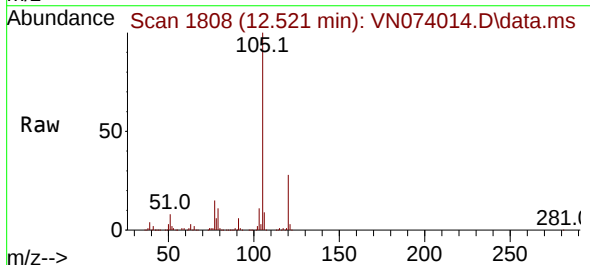
Manual Integrations
APPROVED

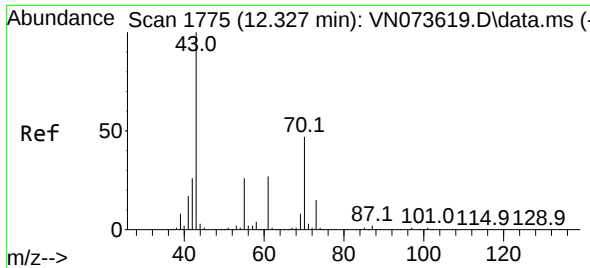
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#73
Isopropylbenzene
Concen: 48.422 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

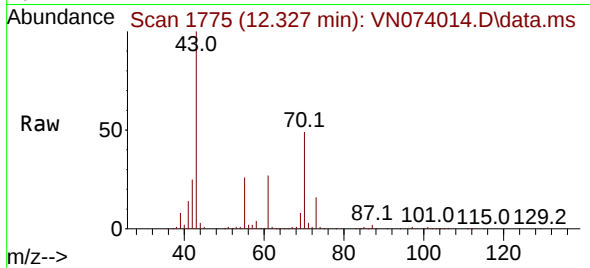
Tgt Ion:105 Resp: 1350352
Ion Ratio Lower Upper
105 100
120 27.4 13.5 40.4





#74
N-amy1 acetate
Concen: 50.357 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

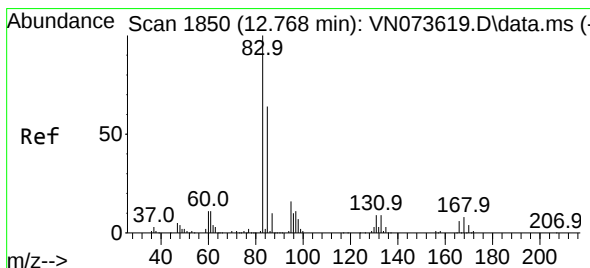
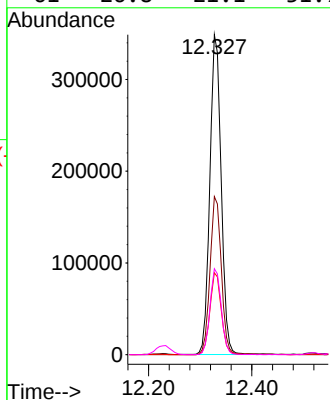
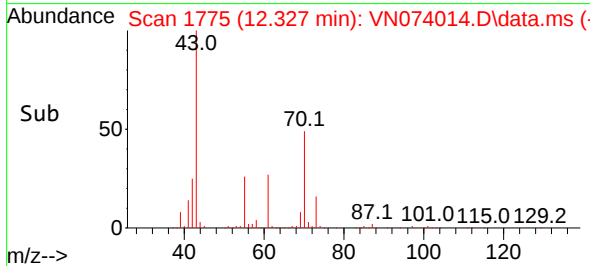
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMS



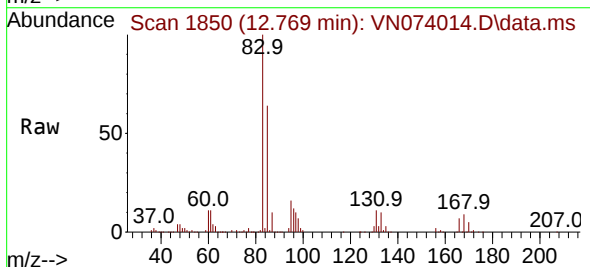
Tgt Ion: 43 Resp: 53088
Ion Ratio Lower Upper
43 100
70 49.1 39.0 58.4
55 26.0 21.1 31.7
61 26.8 21.1 31.7

Manual Integrations
APPROVED

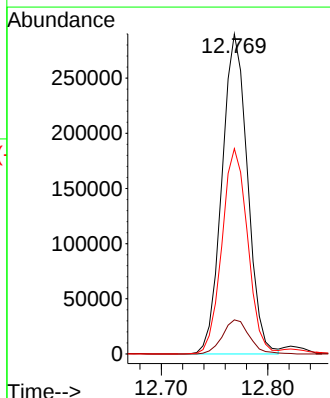
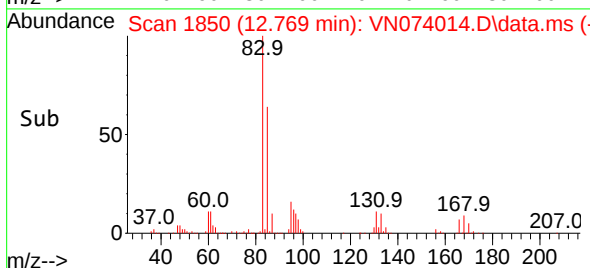
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

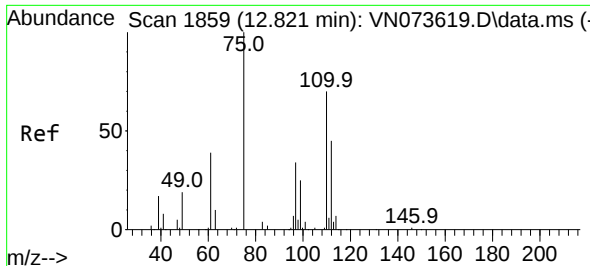


#75
1,1,2,2-Tetrachloroethane
Concen: 51.677 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.001 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05



Tgt Ion: 83 Resp: 483601
Ion Ratio Lower Upper
83 100
131 11.2 5.3 15.9
85 64.6 32.3 96.9





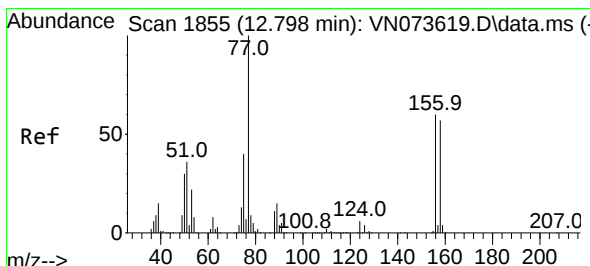
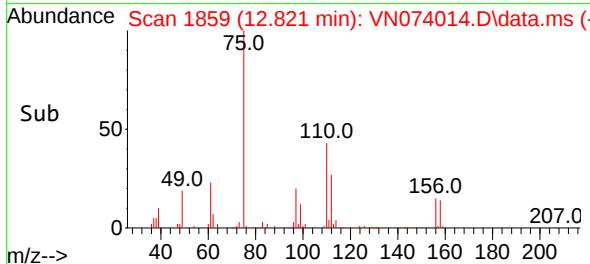
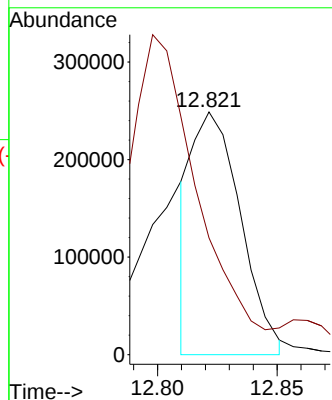
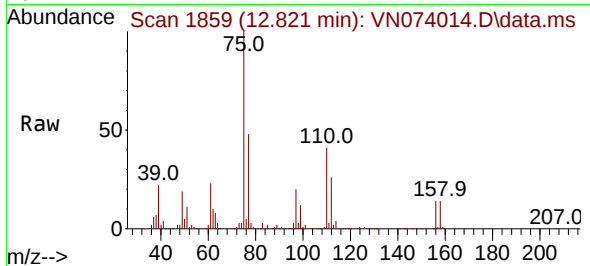
#76
1,2,3-Trichloropropane
Concen: 44.305 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

Instrument :
MSVOA_N
ClientSampleId :
MW-106DMS

Tgt Ion: 75 Resp: 352670
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5

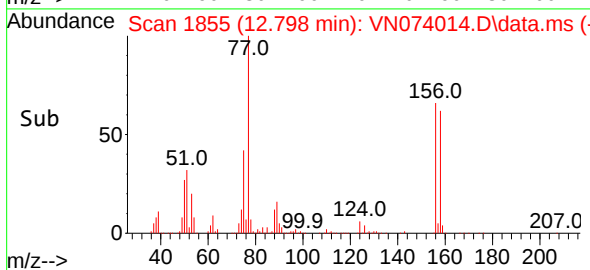
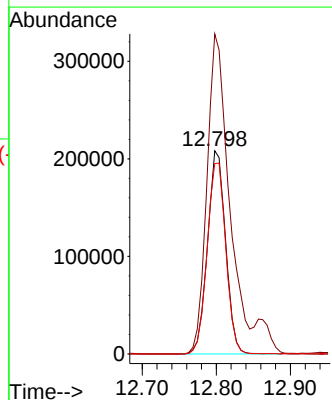
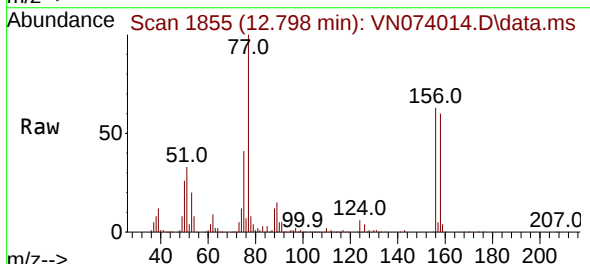
Manual Integrations
APPROVED

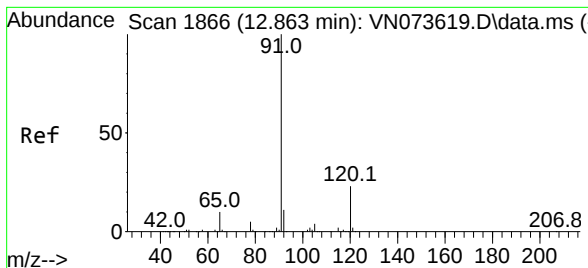
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#77
Bromobenzene
Concen: 46.919 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

Tgt Ion:156 Resp: 354166
Ion Ratio Lower Upper
156 100
77 190.2 100.5 301.5
158 96.7 48.9 146.6





#78

n-propylbenzene

Concen: 48.997 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. -0.000 min

Lab File: VN074014.D

Acq: 18 Aug 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

MW-106DMS

Tgt Ion: 91 Resp: 145648

Ion Ratio Lower Upper

91 100

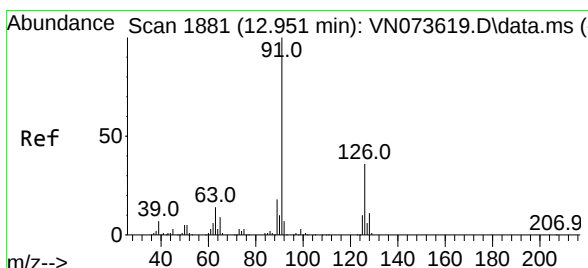
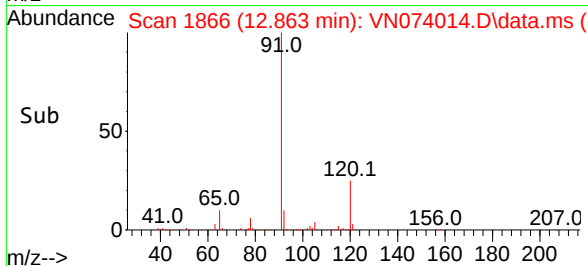
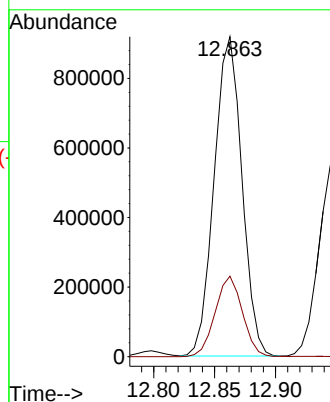
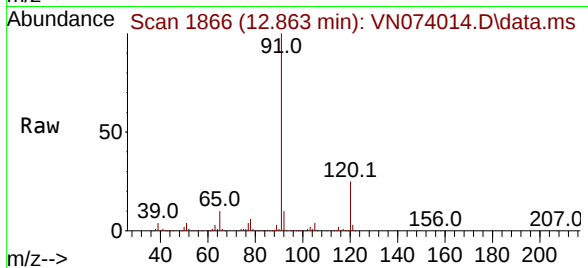
120 24.7 11.9 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#79

2-Chlorotoluene

Concen: 49.472 ug/l

RT: 12.945 min Scan# 1880

Delta R.T. -0.006 min

Lab File: VN074014.D

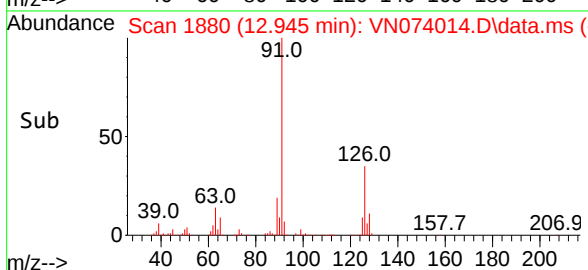
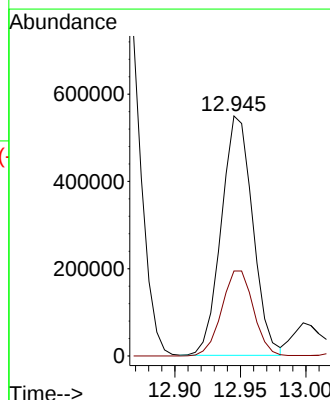
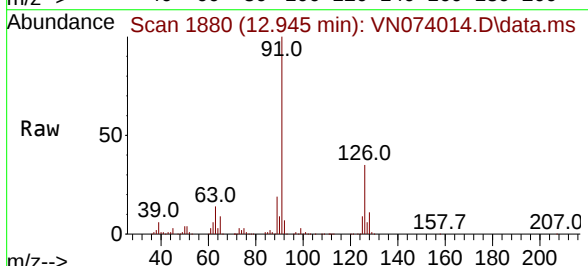
Acq: 18 Aug 2022 19:05

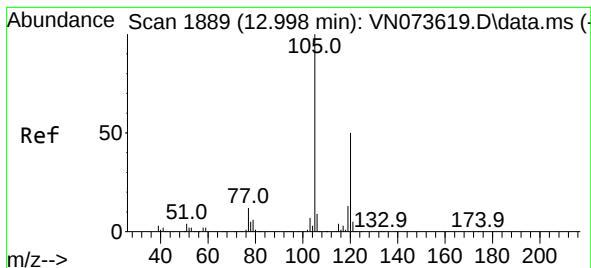
Tgt Ion: 91 Resp: 916458

Ion Ratio Lower Upper

91 100

126 35.9 17.3 51.9





#80

1,3,5-Trimethylbenzene

Concen: 49.929 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN074014.D

Acq: 18 Aug 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

MW-106DMS

Tgt Ion:105 Resp: 1132538

Ion Ratio Lower Upper

105 100

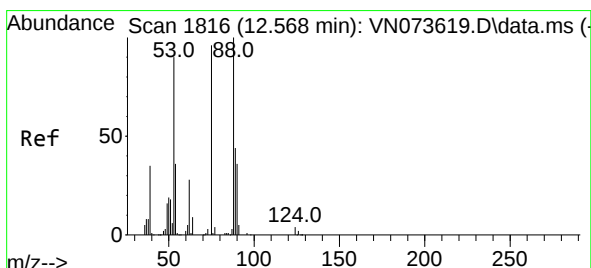
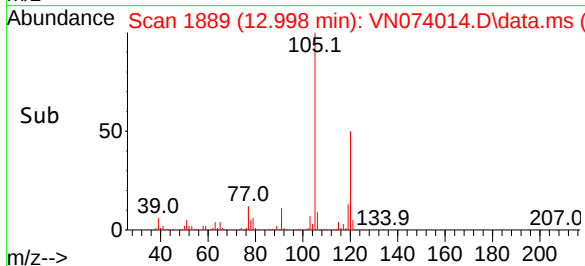
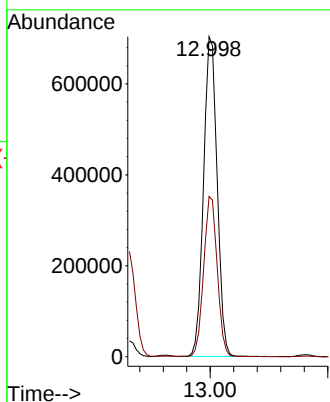
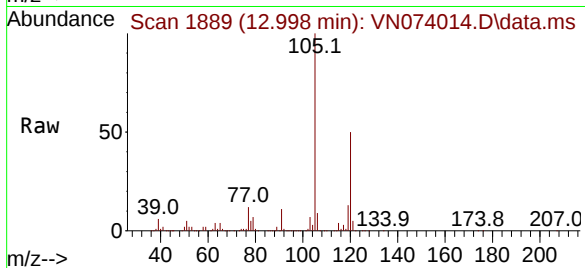
120 50.0 24.9 74.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#81

trans-1,4-Dichloro-2-butene

Concen: 48.174 ug/l

RT: 12.569 min Scan# 1816

Delta R.T. 0.001 min

Lab File: VN074014.D

Acq: 18 Aug 2022 19:05

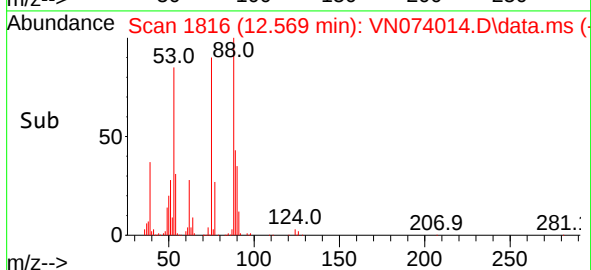
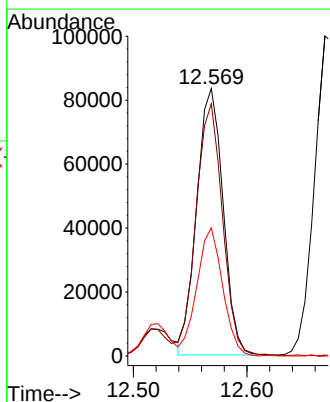
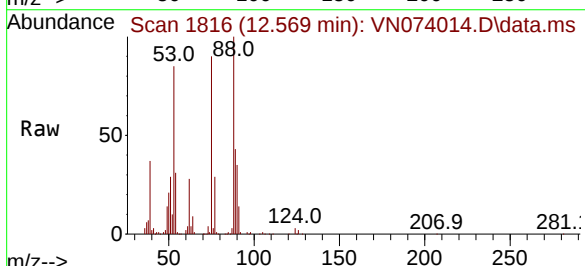
Tgt Ion: 75 Resp: 134826

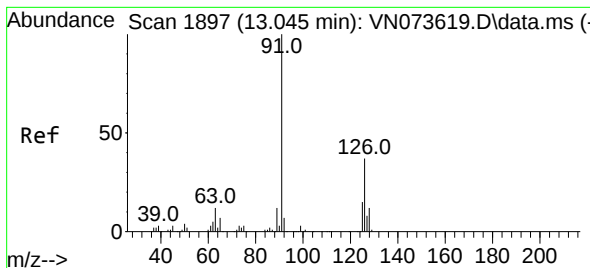
Ion Ratio Lower Upper

75 100

53 95.5 78.0 117.0

89 47.1 37.2 55.8





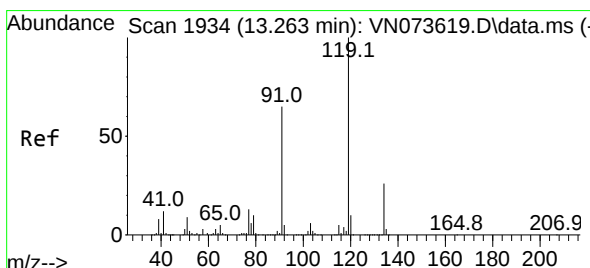
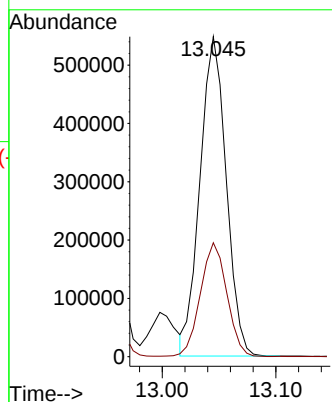
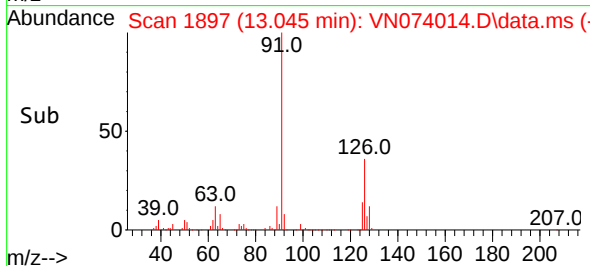
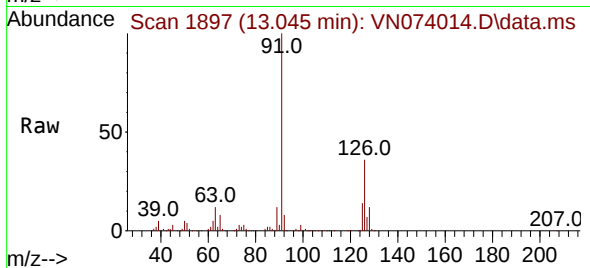
#82
4-Chlorotoluene
Concen: 49.924 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

Instrument :
MSVOA_N
ClientSampleId :
MW-106DMS

Tgt Ion: 91 Resp: 87837
Ion Ratio Lower Upper
91 100
126 36.0 17.2 51.6

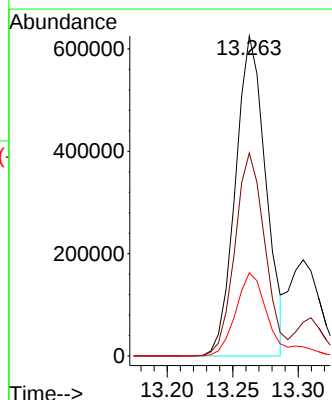
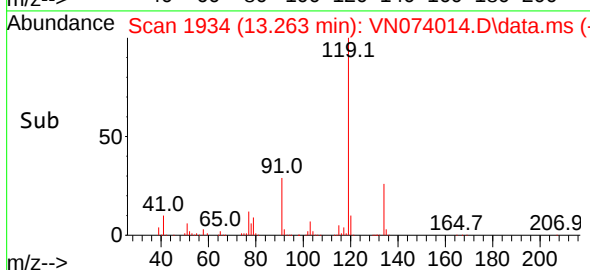
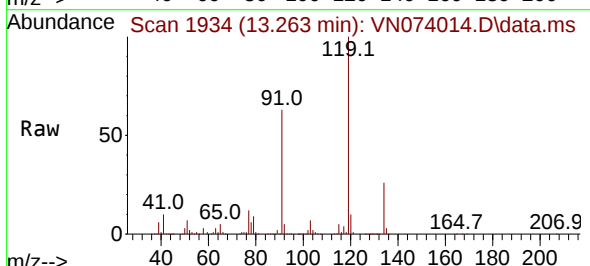
Manual Integrations
APPROVED

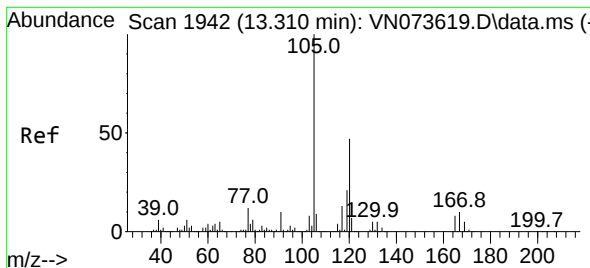
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#83
tert-Butylbenzene
Concen: 48.386 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

Tgt Ion:119 Resp: 1009968
Ion Ratio Lower Upper
119 100
91 63.0 31.6 94.8
134 28.4 13.7 41.1





#84

1,2,4-Trimethylbenzene

Concen: 50.002 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. -0.000 min

Lab File: VN074014.D

Acq: 18 Aug 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

MW-106DMS

Tgt Ion:105 Resp: 113262

Ion Ratio Lower Upper

105 100

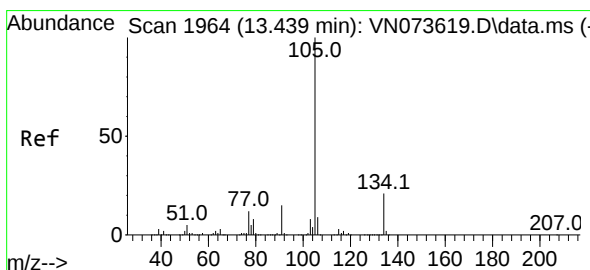
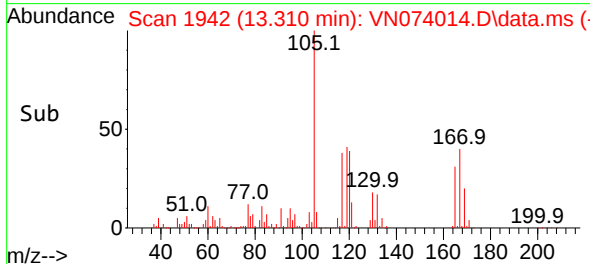
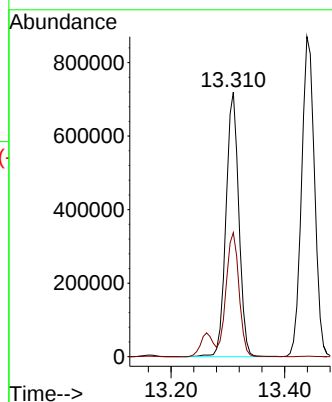
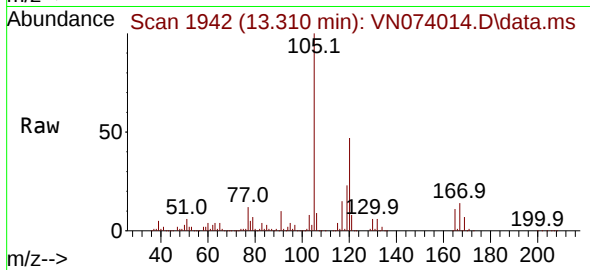
120 47.2 23.3 69.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#85

sec-Butylbenzene

Concen: 50.780 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN074014.D

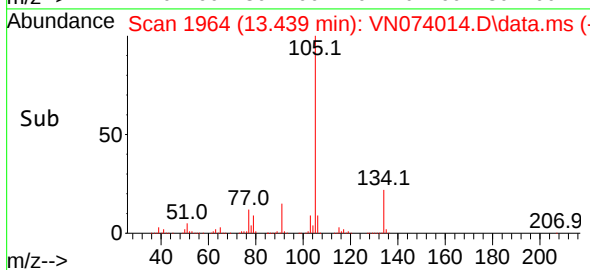
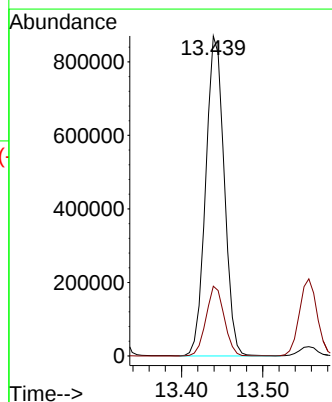
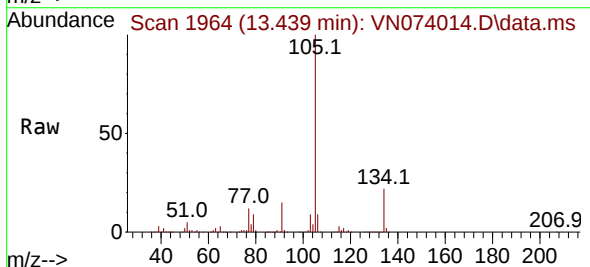
Acq: 18 Aug 2022 19:05

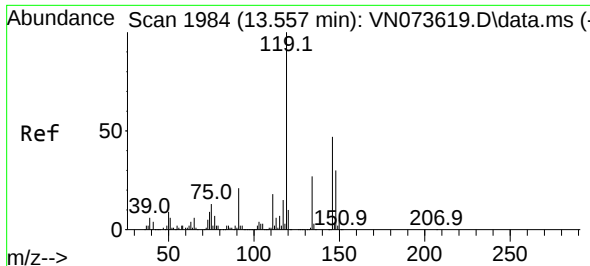
Tgt Ion:105 Resp: 1373958

Ion Ratio Lower Upper

105 100

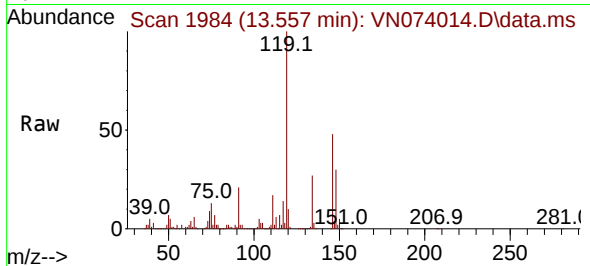
134 21.5 10.4 31.1





#86
p-Isopropyltoluene
Concen: 51.094 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

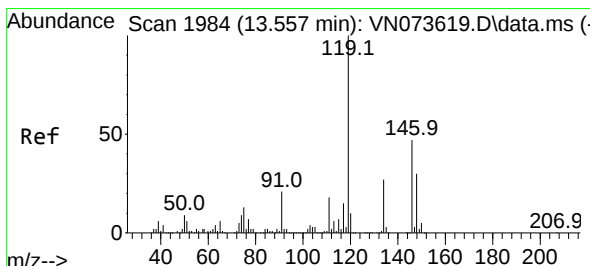
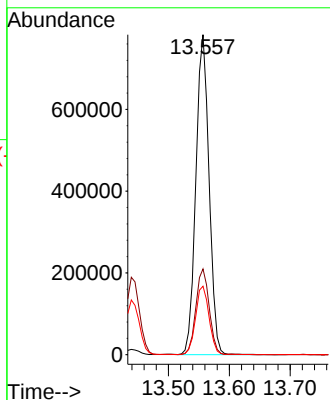
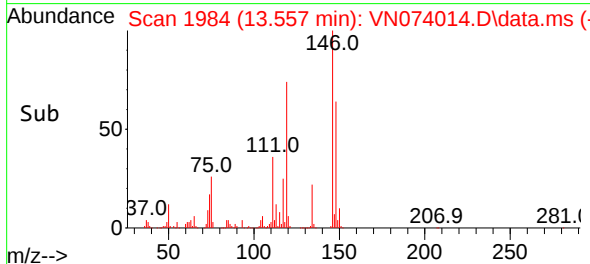
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMS



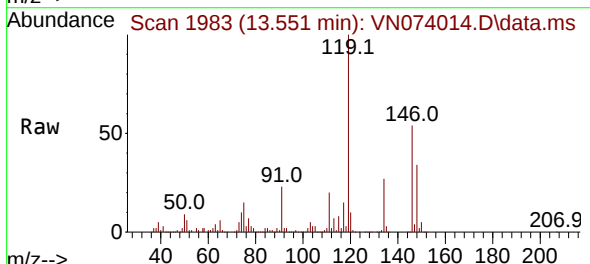
Tgt Ion:119 Resp: 1177720
Ion Ratio Lower Upper
119 100
134 27.2 13.3 39.8
91 22.0 11.3 33.9

Manual Integrations
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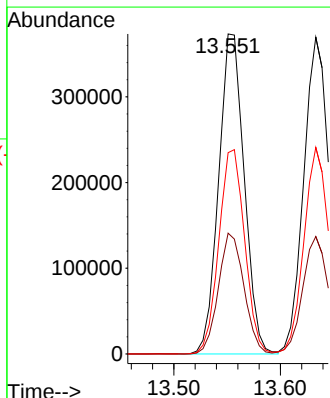
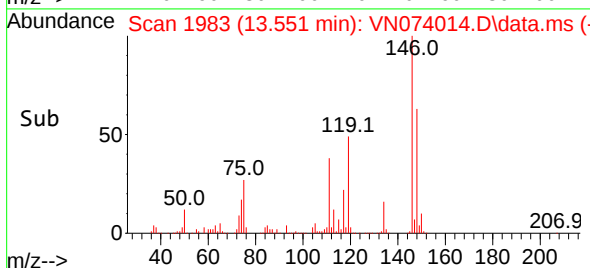
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

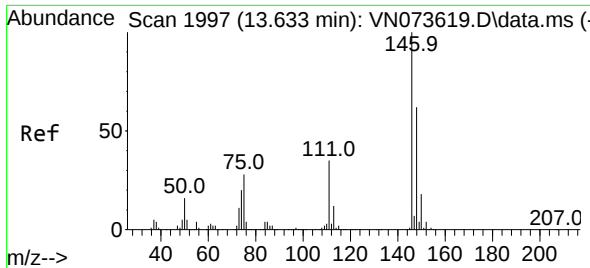


#87
1,3-Dichlorobenzene
Concen: 47.638 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05



Tgt Ion:146 Resp: 623607
Ion Ratio Lower Upper
146 100
111 37.6 20.0 60.0
148 64.3 32.0 96.0





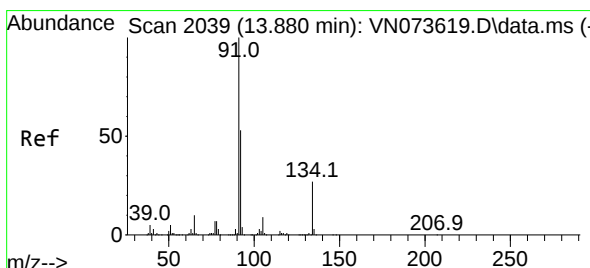
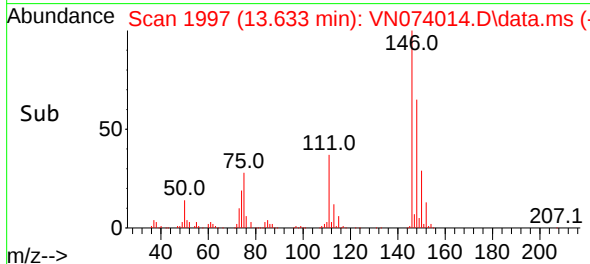
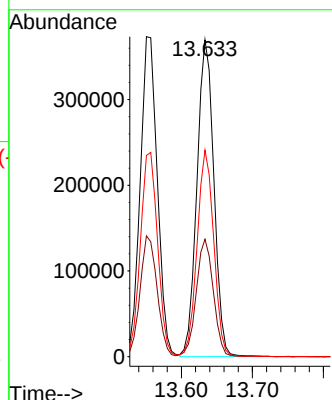
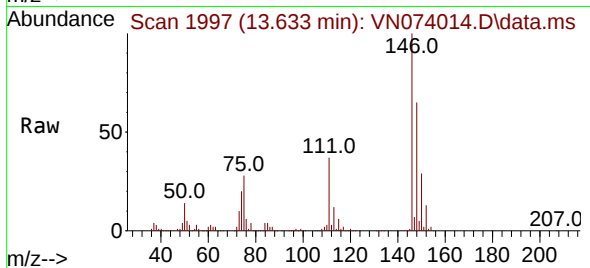
#88
1,4-Dichlorobenzene
Concen: 46.293 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

Instrument :
MSVOA_N
ClientSampleId :
MW-106DMS

Tgt Ion:146 Resp: 614138
Ion Ratio Lower Upper
146 100
111 37.2 19.1 57.1
148 64.3 31.4 94.3

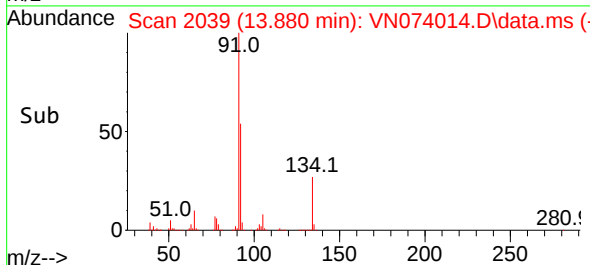
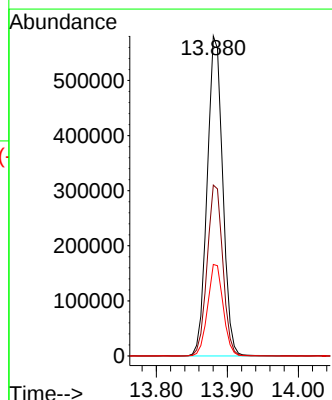
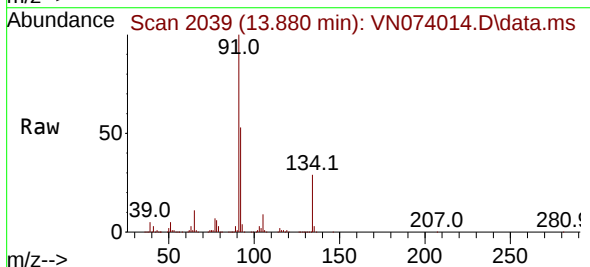
Manual Integrations
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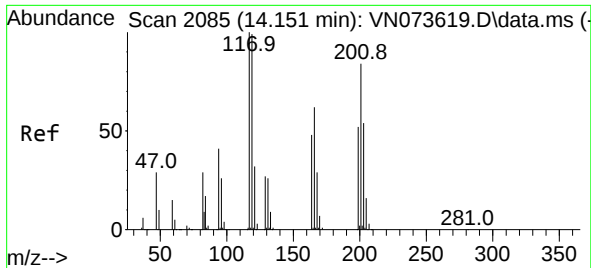
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#89
n-Butylbenzene
Concen: 48.384 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

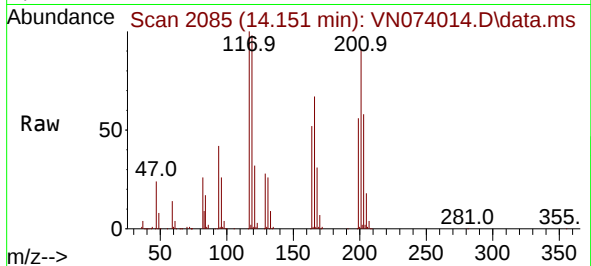
Tgt Ion: 91 Resp: 883351
Ion Ratio Lower Upper
91 100
92 53.8 26.9 80.7
134 28.6 13.6 40.8





#90
Hexachloroethane
Concen: 48.987 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

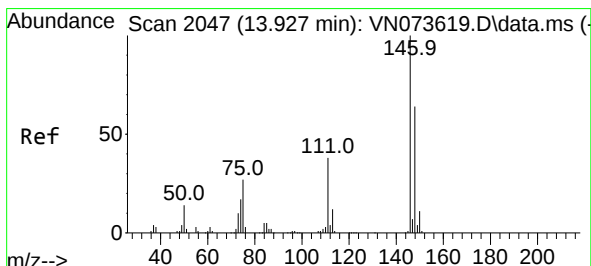
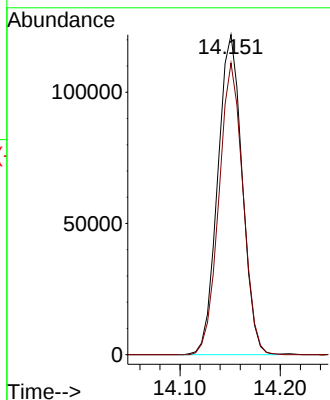
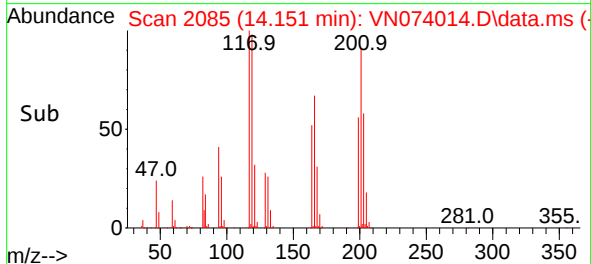
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMS



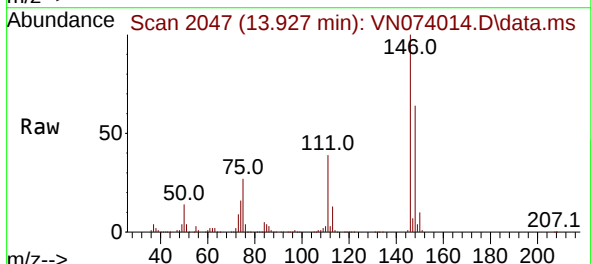
Tgt Ion:117 Resp: 206398
Ion Ratio Lower Upper
117 100
201 89.6 40.6 122.0

Manual Integrations
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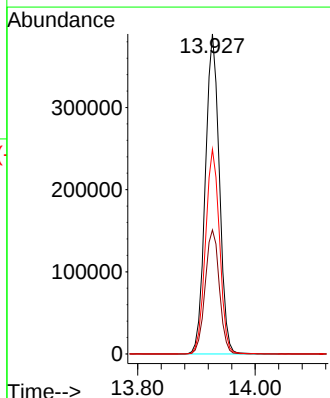
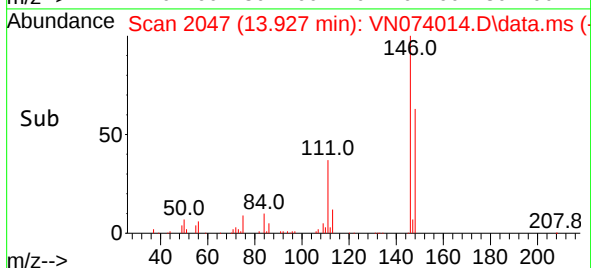
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

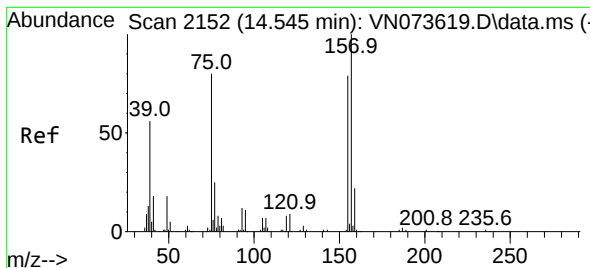


#91
1,2-Dichlorobenzene
Concen: 47.581 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05



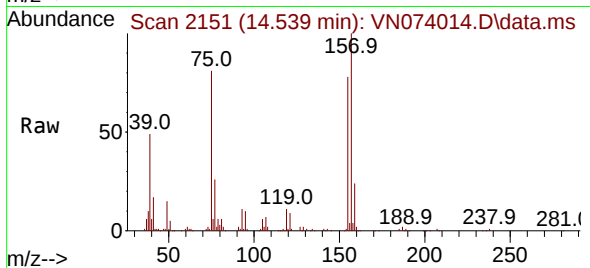
Tgt Ion:146 Resp: 643188
Ion Ratio Lower Upper
146 100
111 39.3 20.9 62.8
148 64.1 32.1 96.3





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.591 ug/l
 RT: 14.539 min Scan# 2151
 Delta R.T. -0.006 min
 Lab File: VN074014.D
 Acq: 18 Aug 2022 19:05

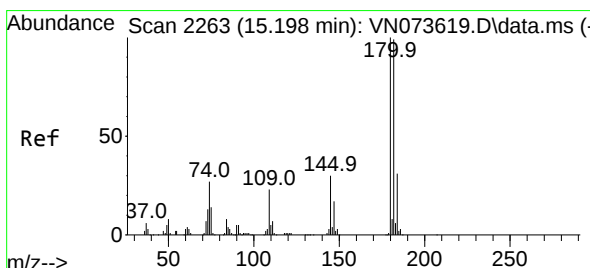
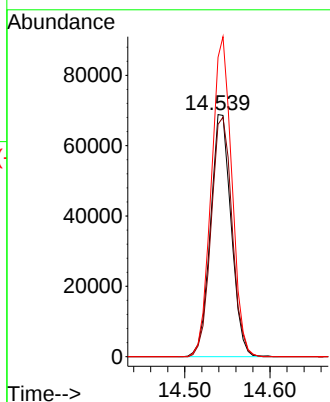
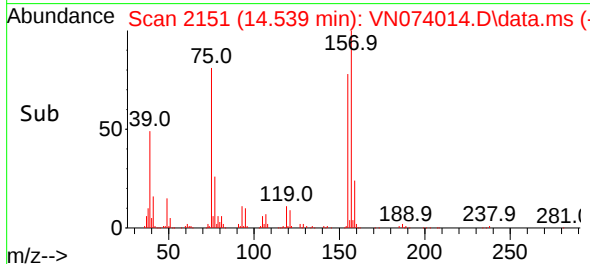
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-106DMS



Tgt Ion: 75 Resp: 116204
 Ion Ratio Lower Upper
 75 100
 155 100.1 44.9 134.5
 157 130.3 59.0 176.8

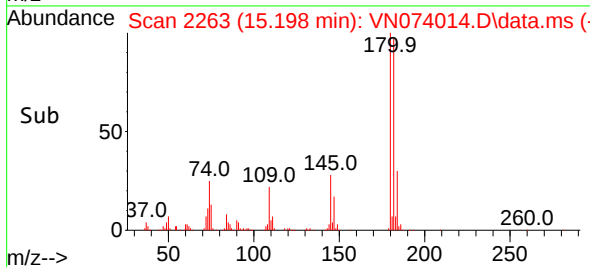
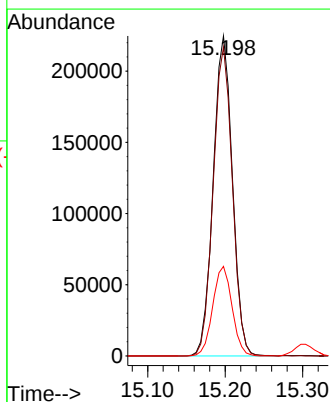
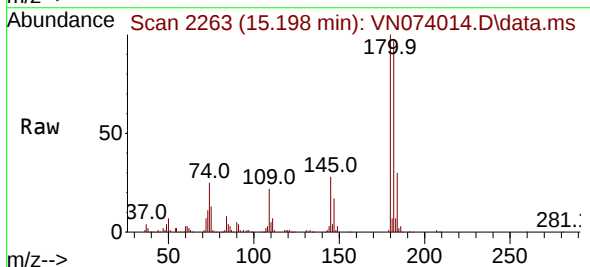
Manual Integrations
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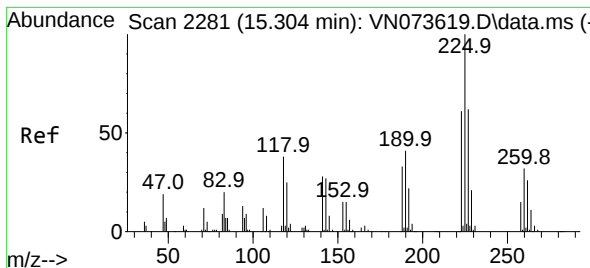
Reviewed By :John Carlone 08/19/2022
 Supervised By :Mahesh Dadoda 08/22/2022



#93
 1,2,4-Trichlorobenzene
 Concen: 47.020 ug/l
 RT: 15.198 min Scan# 2263
 Delta R.T. -0.000 min
 Lab File: VN074014.D
 Acq: 18 Aug 2022 19:05

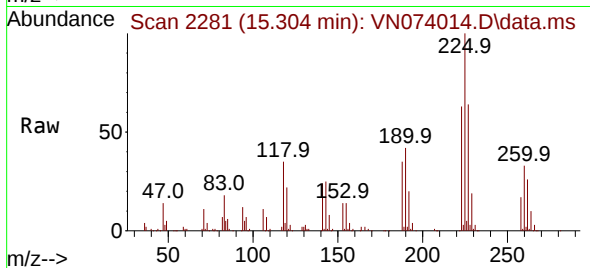
Tgt Ion:180 Resp: 386849
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.5 142.5
 145 28.1 14.5 43.5





#94
Hexachlorobutadiene
Concen: 44.204 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. -0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05

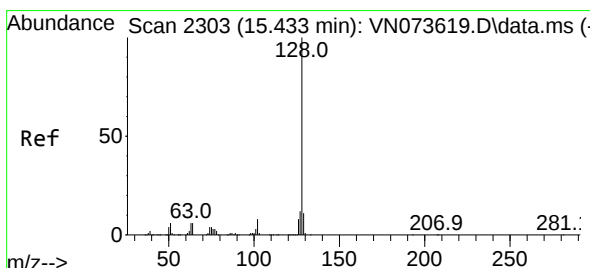
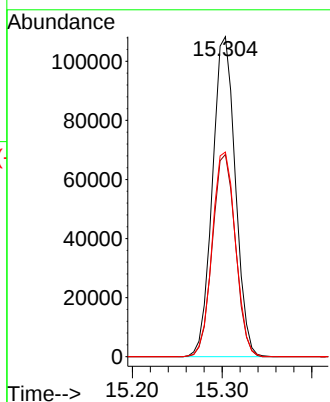
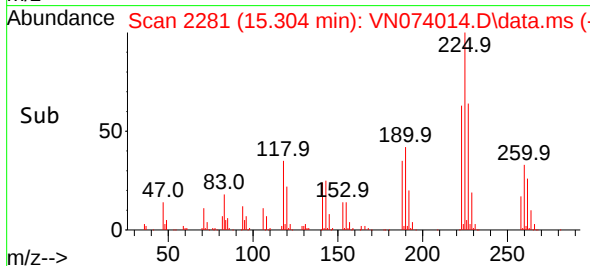
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMS



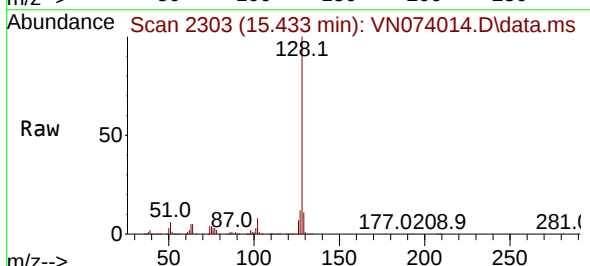
Tgt Ion:225 Resp: 191700
Ion Ratio Lower Upper
225 100
223 63.4 32.4 97.2
227 65.2 31.8 95.4

Manual Integrations
APPROVED

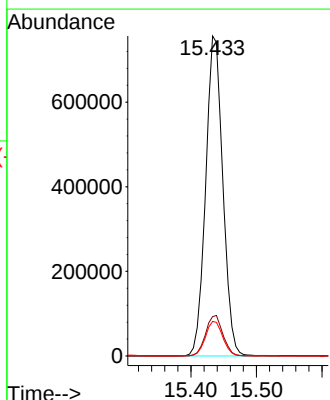
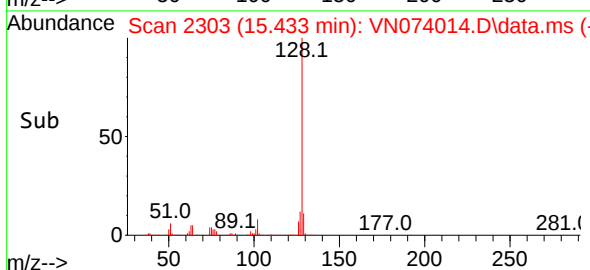
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

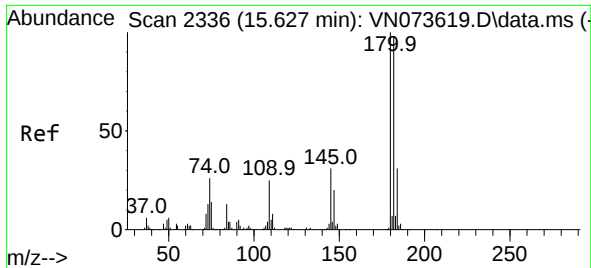


#95
Naphthalene
Concen: 51.393 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN074014.D
Acq: 18 Aug 2022 19:05



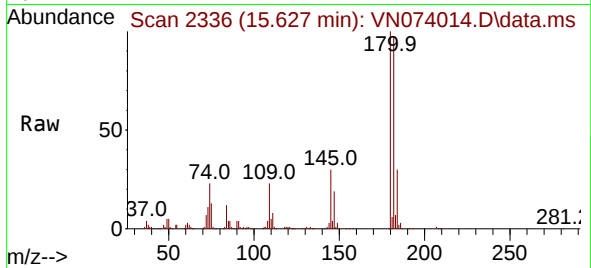
Tgt Ion:128 Resp: 1378464
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 48.240 ug/l
 RT: 15.627 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN074014.D
 Acq: 18 Aug 2022 19:05

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-106DMS



Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.8	143.3
145	29.8	15.5	46.5

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/19/2022
 Supervised By :Mahesh Dadoda 08/22/2022

