

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
 Data File : VN074015.D
 Acq On : 18 Aug 2022 19:29
 Operator : JC\MD
 Sample : N4229-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-106DMSD

Quant Time: Aug 19 00:04:01 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	543748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	845472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	778139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	389040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	308556	58.261	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.520%			
35) Dibromofluoromethane	7.951	113	273718	54.743	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.480%			
50) Toluene-d8	10.381	98	1030339	53.207	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.420%			
62) 4-Bromofluorobenzene	12.674	95	358966	55.855	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	206203	47.826	ug/l	99
3) Chloromethane	2.269	50	265265	55.327	ug/l	97
4) Vinyl Chloride	2.405	62	320250	52.031	ug/l	99
5) Bromomethane	2.787	94	164692	42.849	ug/l	98
6) Chloroethane	2.957	64	209604	48.205	ug/l	96
7) Trichlorofluoromethane	3.310	101	435327	54.828	ug/l	99
8) Diethyl Ether	3.763	74	162508	55.137	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.140	101	210046	45.540	ug/l	96
10) Methyl Iodide	4.351	142	232936	42.066	ug/l	100
11) Tert butyl alcohol	5.293	59	383654	323.854	ug/l	100
12) 1,1-Dichloroethene	4.110	96	221332	51.575	ug/l	91
13) Acrolein	3.981	56	274576	331.131	ug/l	96
14) Allyl chloride	4.757	41	348208	54.787	ug/l	98
15) Acrylonitrile	5.475	53	915317	316.474	ug/l	100
16) Acetone	4.222	43	777677	311.242	ug/l	99
17) Carbon Disulfide	4.457	76	520598	51.019	ug/l	99
18) Methyl Acetate	4.781	43	418996	68.012	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	868239	56.175	ug/l	98
20) Methylene Chloride	5.016	84	270762	51.354	ug/l	96
21) trans-1,2-Dichloroethene	5.516	96	242368	51.263	ug/l	95
22) Diisopropyl ether	6.416	45	782356	58.057	ug/l	97
23) Vinyl Acetate	6.351	43	3379030	292.608	ug/l	100
24) 1,1-Dichloroethane	6.304	63	459740	54.809	ug/l	99
25) 2-Butanone	7.263	43	1261478	318.408	ug/l	99
26) 2,2-Dichloropropane	7.245	77	292455	37.110	ug/l	97
27) cis-1,2-Dichloroethene	7.251	96	311491	53.399	ug/l	91
28) Bromochloromethane	7.587	49	178778	57.788	ug/l	92
29) Tetrahydrofuran	7.610	42	809034	318.338	ug/l	97
30) Chloroform	7.745	83	505730	53.919	ug/l	99
31) Cyclohexane	8.022	56	357712	48.451	ug/l	98
32) 1,1,1-Trichloroethane	7.939	97	439765	52.871	ug/l	96
36) 1,1-Dichloropropene	8.151	75	340999	49.101	ug/l	99
37) Ethyl Acetate	7.340	43	473027	56.221	ug/l	100
38) Carbon Tetrachloride	8.134	117	379411	47.796	ug/l	98
39) Methylcyclohexane	9.398	83	377898	43.426	ug/l	95
40) Benzene	8.392	78	1097785	50.083	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	222073	58.406	ug/l	94
42) 1,2-Dichloroethane	8.463	62	383011	50.819	ug/l	100
43) Isopropyl Acetate	8.498	43	657824	54.883	ug/l	98
44) Trichloroethene	9.151	130	297166	46.939	ug/l	99
45) 1,2-Dichloropropane	9.428	63	280772	53.442	ug/l	98
46) Dibromomethane	9.516	93	200951	50.309	ug/l	94
47) Bromodichloromethane	9.698	83	392750	51.444	ug/l	98
48) Methyl methacrylate	9.498	41	298788	58.259	ug/l	93
49) 1,4-Dioxane	9.504	88	174729	1145.656	ug/l	95
51) 4-Methyl-2-Pentanone	10.269	43	2415315	298.051	ug/l	99
52) Toluene	10.445	92	718257	47.787	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	405009	50.555	ug/l	100
54) cis-1,3-Dichloropropene	10.128	75	434484	49.568	ug/l	95
55) 1,1,2-Trichloroethane	10.839	97	304365	52.058	ug/l	99
56) Ethyl methacrylate	10.704	69	483506	57.982	ug/l	96
57) 1,3-Dichloropropane	10.986	76	506738	53.306	ug/l	100
59) 2-Hexanone	11.028	43	1929262	309.341	ug/l	99
60) Dibromochloromethane	11.180	129	337832	52.250	ug/l	99
61) 1,2-Dibromoethane	11.286	107	324575	51.903	ug/l	99
64) Tetrachloroethene	10.916	164	262730	42.778	ug/l	95
65) Chlorobenzene	11.710	112	796985	48.193	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	309992	49.501	ug/l	98
67) Ethyl Benzene	11.786	91	1371512	49.869	ug/l	98
68) m/p-Xylenes	11.898	106	1075931	96.285	ug/l	98
69) o-Xylene	12.222	106	548421	48.941	ug/l	98
70) Styrene	12.233	104	883946	50.386	ug/l	99
71) Bromoform	12.398	173	276962	49.536	ug/l #	99
73) Isopropylbenzene	12.522	105	1399658	49.408	ug/l	100
74) N-amyl acetate	12.333	43	547564	51.129	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.769	83	494107	51.977	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	431074m	53.310	ug/l	
77) Bromobenzene	12.798	156	360605	47.028	ug/l	96
78) n-propylbenzene	12.863	91	1512757	50.096	ug/l	98
79) 2-Chlorotoluene	12.945	91	945100	50.223	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	1164175	50.524	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	143045	50.314	ug/l	95
82) 4-Chlorotoluene	13.045	91	906947	50.744	ug/l	98
83) tert-Butylbenzene	13.263	119	1043967	49.235	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	1168805	50.795	ug/l	99
85) sec-Butylbenzene	13.439	105	1414826	51.476	ug/l	99
86) p-Isopropyltoluene	13.557	119	1213799	51.838	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	646758	48.637	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	640193	47.505	ug/l	99
89) n-Butylbenzene	13.880	91	902985	48.688	ug/l	99
90) Hexachloroethane	14.151	117	216520	50.588	ug/l	91
91) 1,2-Dichlorobenzene	13.927	146	670243	48.809	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.545	75	120960	53.890	ug/l	89
93) 1,2,4-Trichlorobenzene	15.198	180	400892	47.967	ug/l	99
94) Hexachlorobutadiene	15.304	225	194502	44.149	ug/l	98
95) Naphthalene	15.433	128	1454800	53.393	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	419895	48.607	ug/l	99

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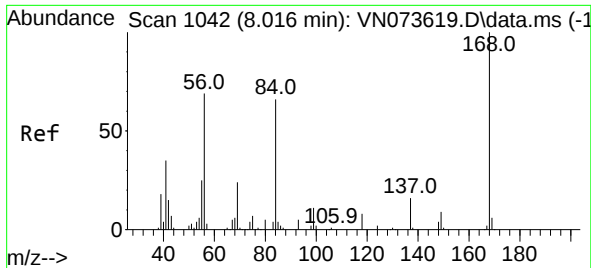
Manual Integrations
APPROVED

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

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



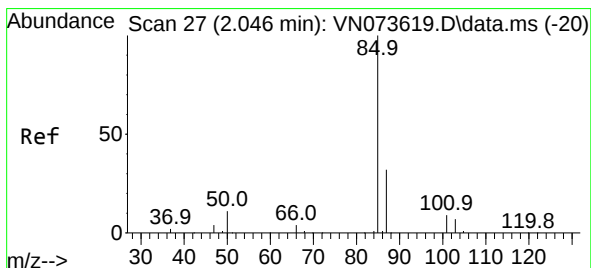
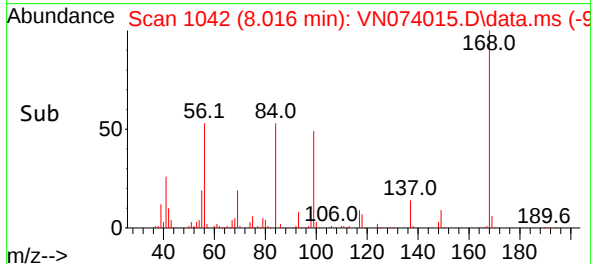
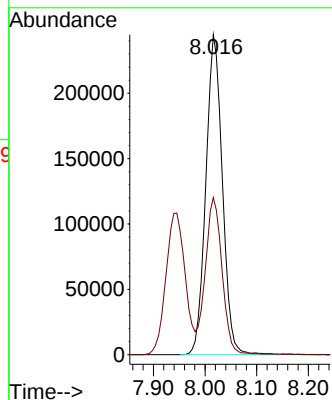
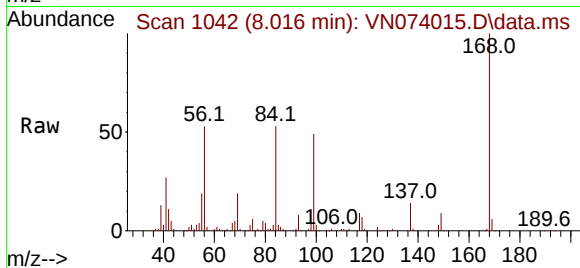
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074015.D
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Tgt Ion:168 Resp: 543748
Ion Ratio Lower Upper
168 100
99 48.9 42.3 63.5

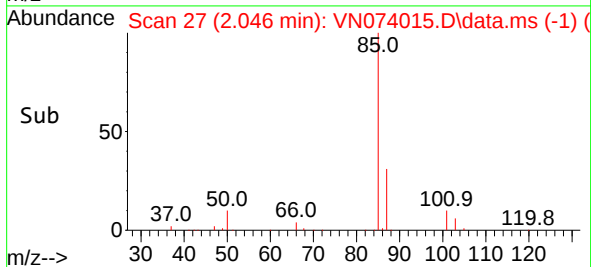
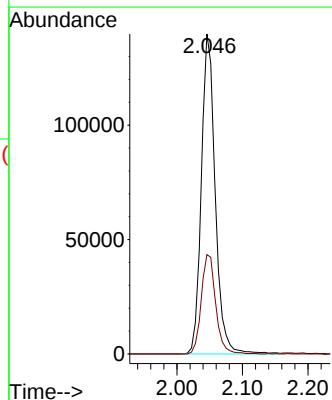
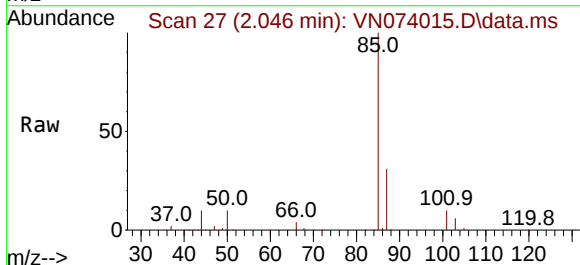
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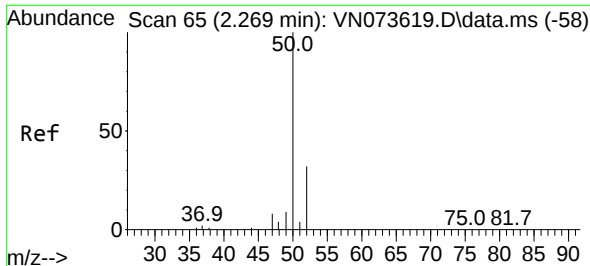
Reviewed By :John Carlone 08/19/2022
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#2
Dichlorodifluoromethane
Concen: 47.826 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

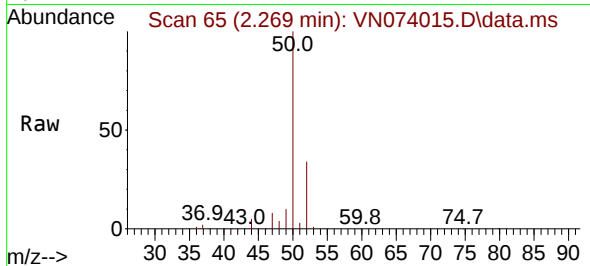
Tgt Ion: 85 Resp: 206203
Ion Ratio Lower Upper
85 100
87 31.0 15.7 47.1





#3
Chloromethane
Concen: 55.327 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

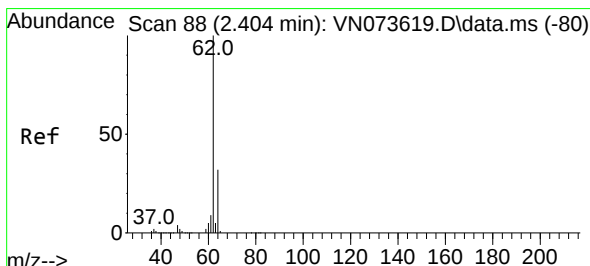
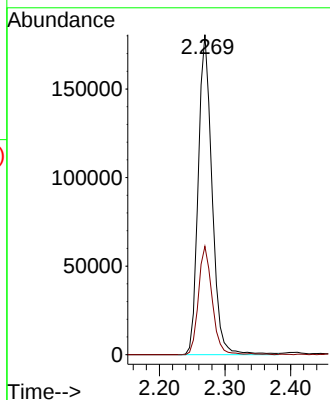
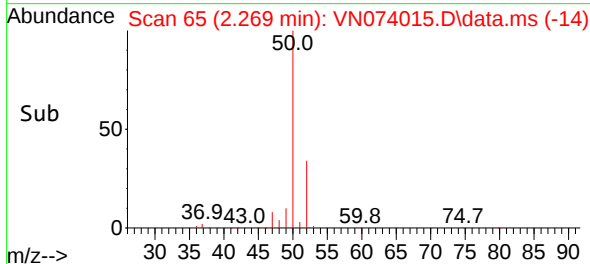
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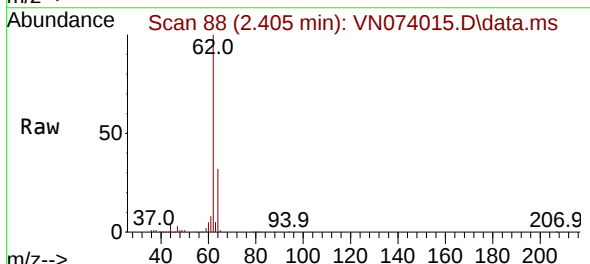
Tgt Ion: 50 Resp: 26526
Ion Ratio Lower Upper
50 100
52 33.9 25.7 38.5

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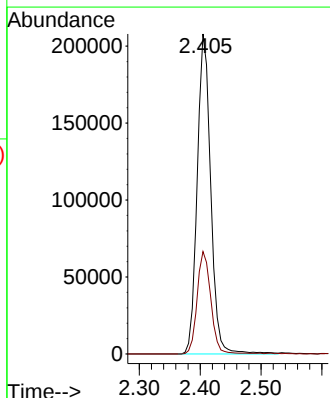
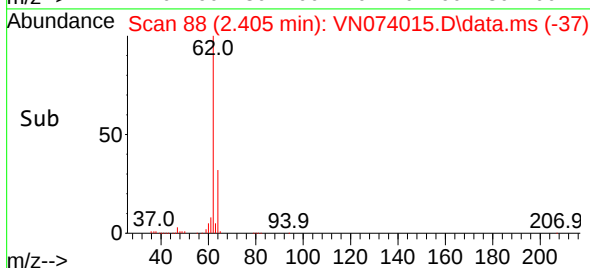
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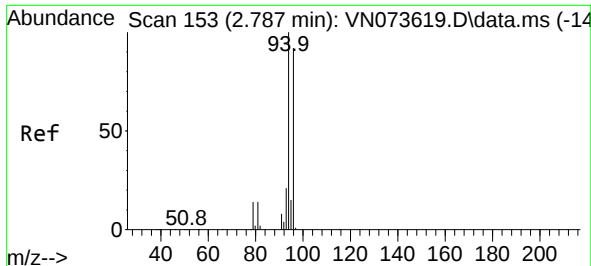


#4
Vinyl Chloride
Concen: 52.031 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.001 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29



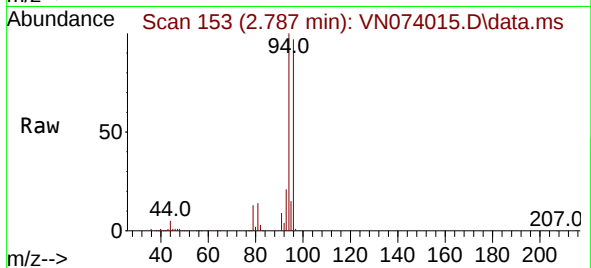
Tgt Ion: 62 Resp: 320250
Ion Ratio Lower Upper
62 100
64 32.0 25.0 37.4





#5
Bromomethane
Concen: 42.849 ug/l
RT: 2.787 min Scan# 153
Delta R.T. -0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

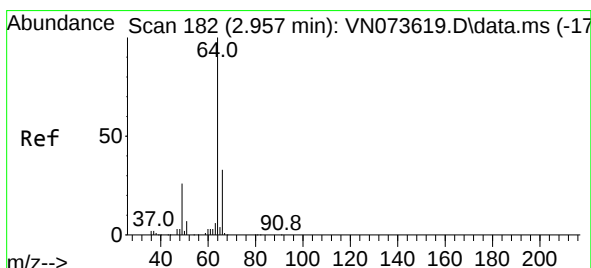
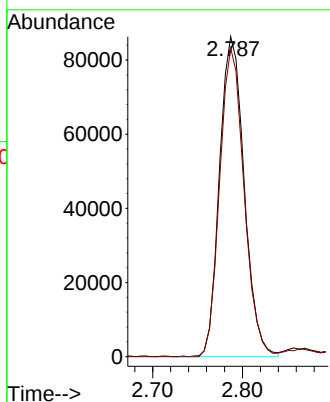
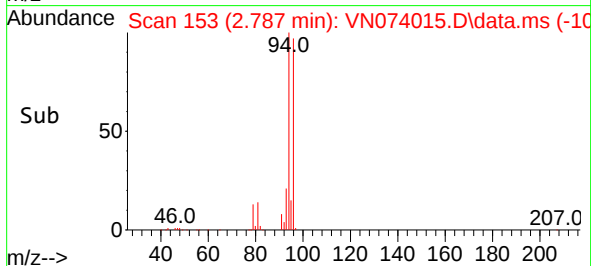
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Tgt Ion: 94 Resp: 164692
Ion Ratio Lower Upper
94 100
96 96.5 76.0 114.0

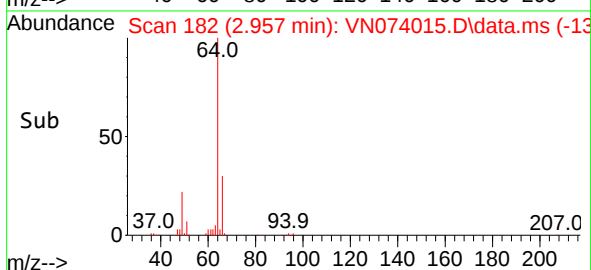
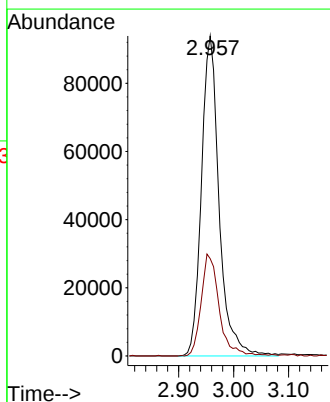
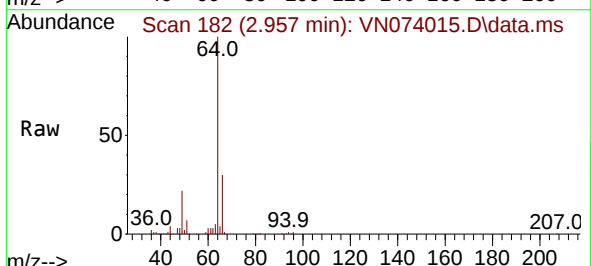
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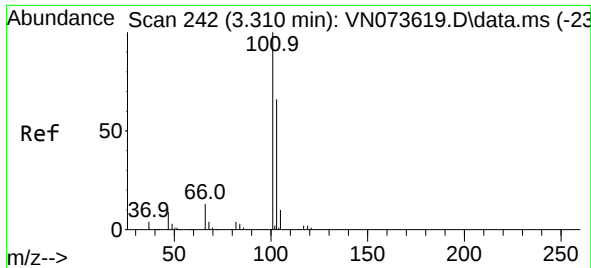
Reviewed By :John Carlone 08/19/2022
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#6
Chloroethane
Concen: 48.205 ug/l
RT: 2.957 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN074015.D
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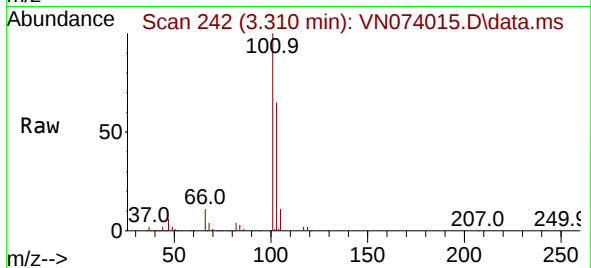
Tgt Ion: 64 Resp: 209604
Ion Ratio Lower Upper
64 100
66 30.4 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 54.828 ug/l
 RT: 3.310 min Scan# 242
 Delta R.T. 0.000 min
 Lab File: VN074015.D
 Acq: 18 Aug 2022 19:29

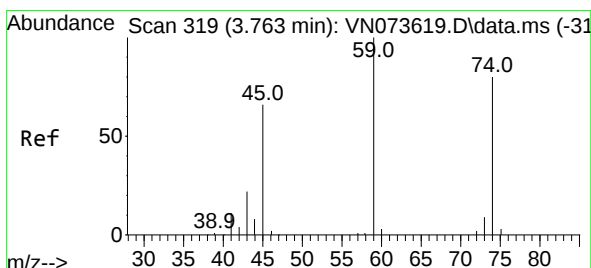
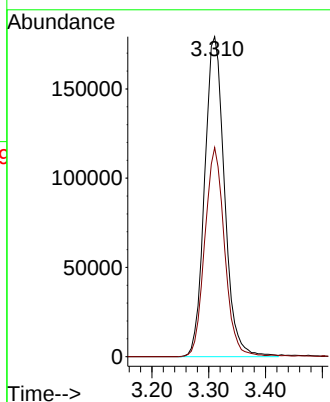
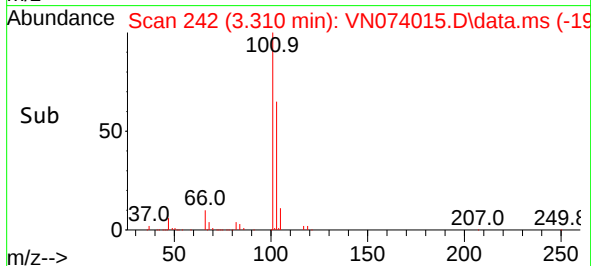
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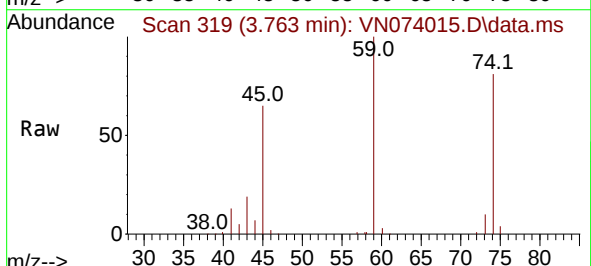
Tgt Ion:101 Resp: 43532
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.5 77.3

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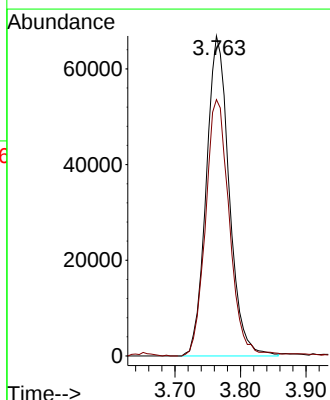
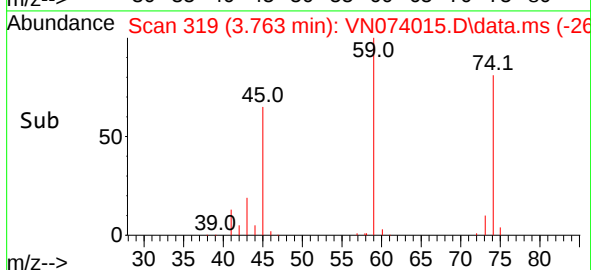
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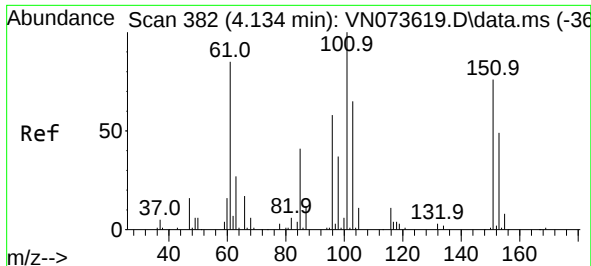


#8
 Diethyl Ether
 Concen: 55.137 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 162508
 Ion Ratio Lower Upper
 74 100
 45 83.2 42.9 128.5





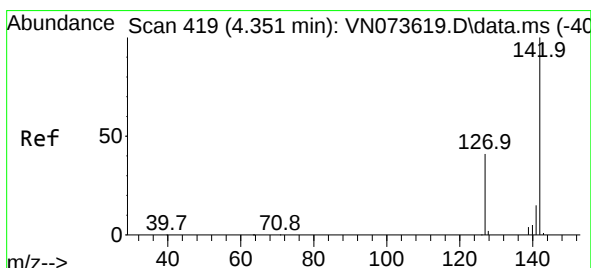
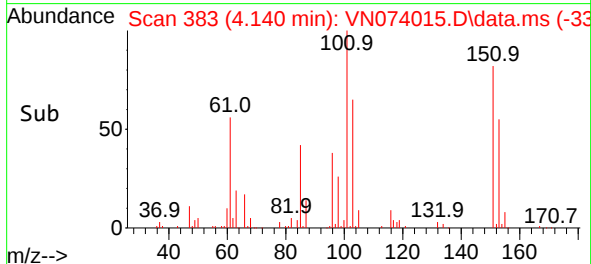
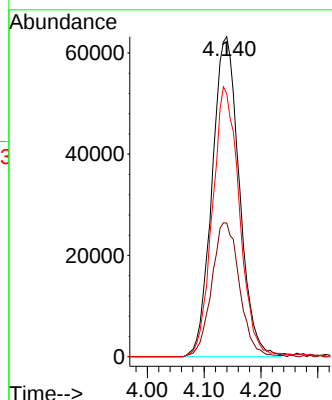
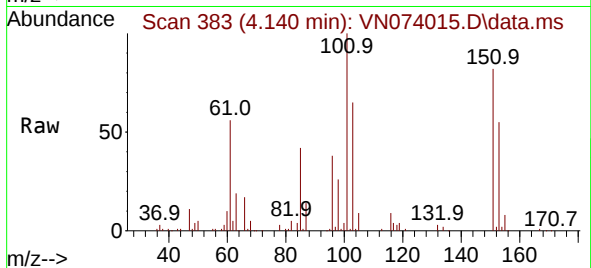
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.540 ug/l
RT: 4.140 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

Instrument :
MSVOA_N
ClientSampleId :
MW-106DMSD

Tgt Ion:101 Resp: 210040
Ion Ratio Lower Upper
101 100
85 42.7 34.7 52.1
151 83.5 63.0 94.4

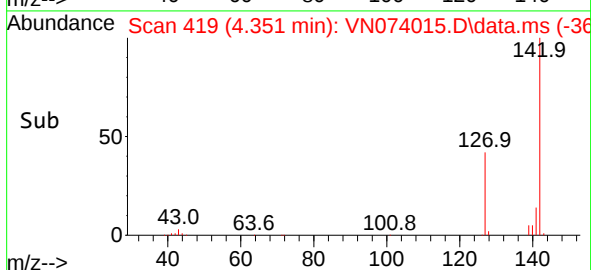
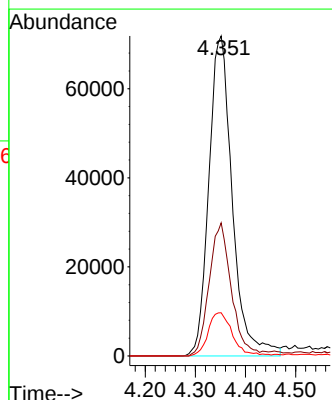
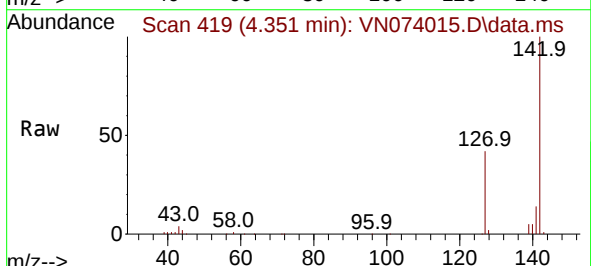
Manual Integrations
APPROVED

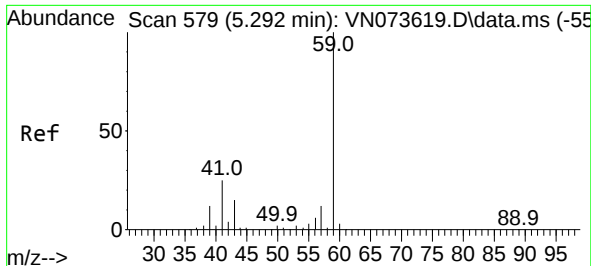
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#10
Methyl Iodide
Concen: 42.066 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

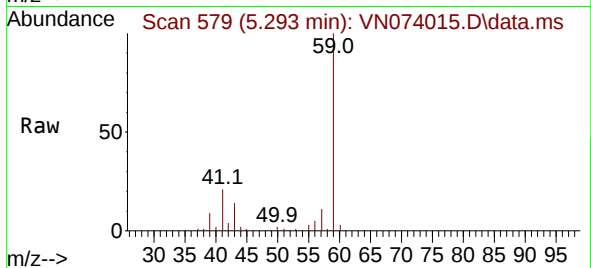
Tgt Ion:142 Resp: 232936
Ion Ratio Lower Upper
142 100
127 39.5 31.3 46.9
141 14.0 11.2 16.8





#11
Tert butyl alcohol
Concen: 323.854 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.001 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

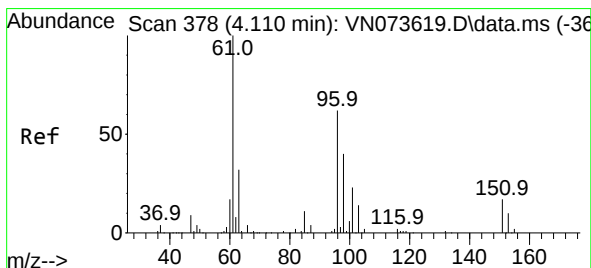
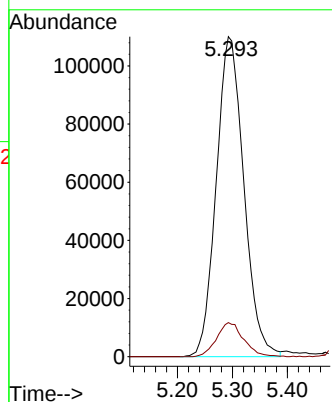
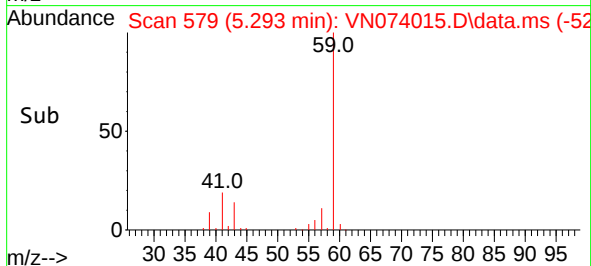
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMSD



Tgt Ion: 59 Resp: 383654
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

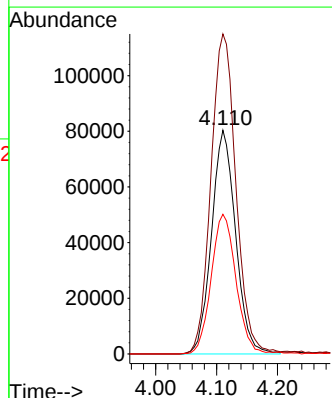
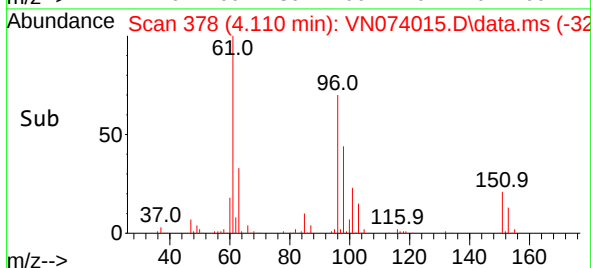
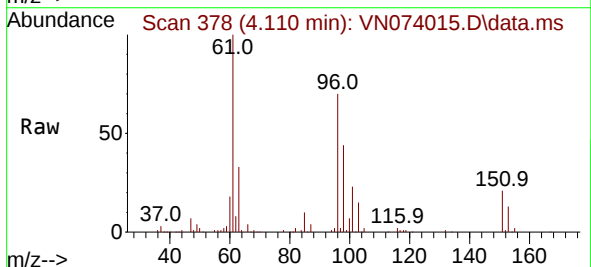
Manual Integrations
APPROVED

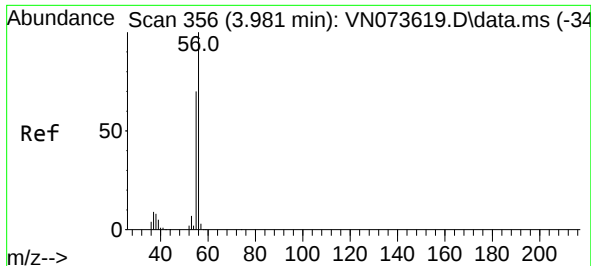
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#12
1,1-Dichloroethene
Concen: 51.575 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

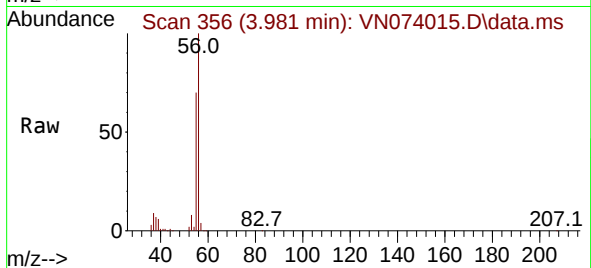
Tgt Ion: 96 Resp: 221332
Ion Ratio Lower Upper
96 100
61 143.0 127.6 191.4
98 62.5 51.2 76.8





#13
Acrolein
Concen: 331.131 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

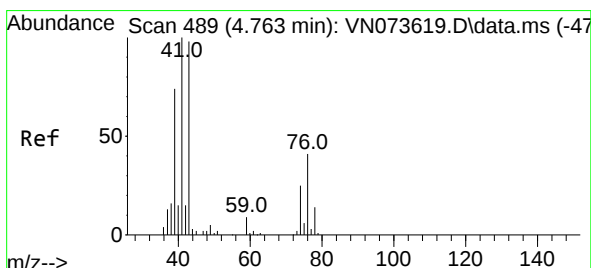
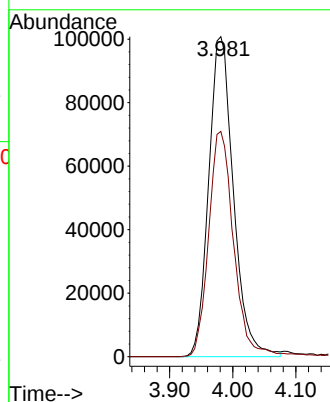
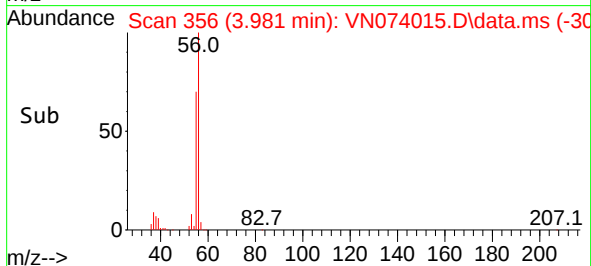
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMSD



Tgt Ion: 56 Resp: 274570
Ion Ratio Lower Upper
56 100
55 71.6 54.8 82.2

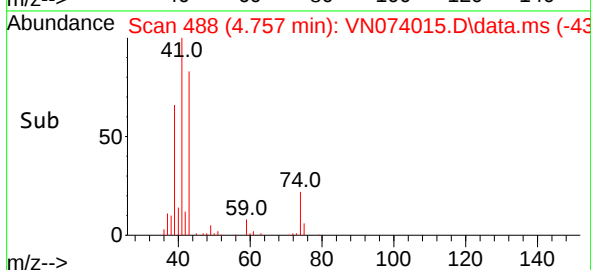
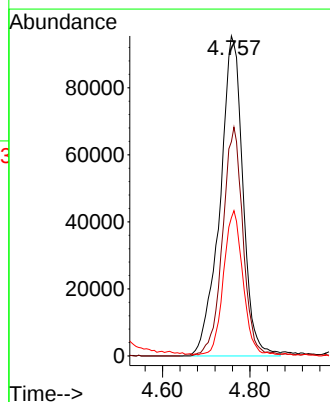
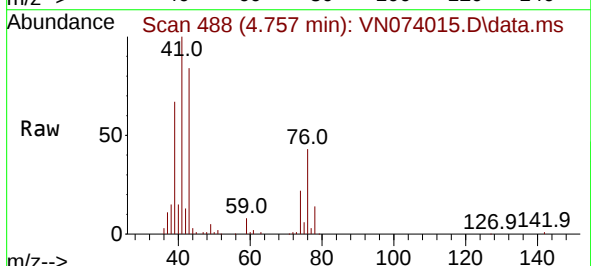
Manual Integrations
APPROVED

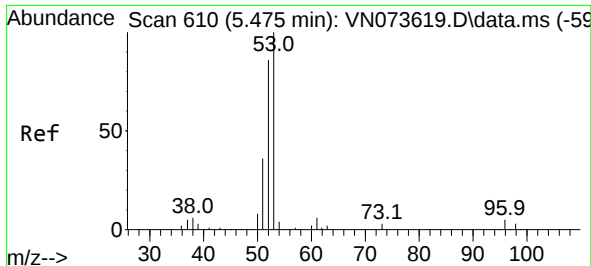
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#14
Allyl chloride
Concen: 54.787 ug/l
RT: 4.757 min Scan# 488
Delta R.T. -0.006 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

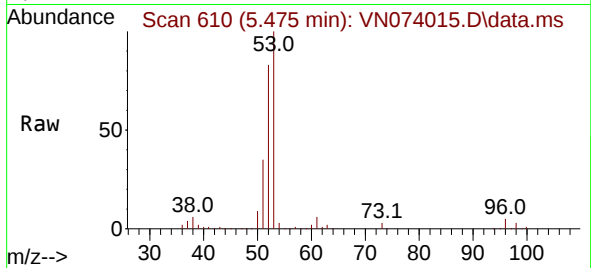
Tgt Ion: 41 Resp: 348208
Ion Ratio Lower Upper
41 100
39 63.7 53.2 79.8
76 37.6 29.9 44.9





#15
Acrylonitrile
Concen: 316.474 ug/l
RT: 5.475 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

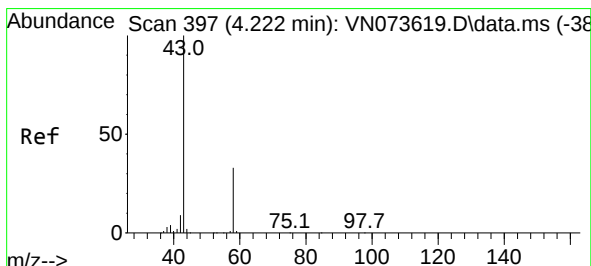
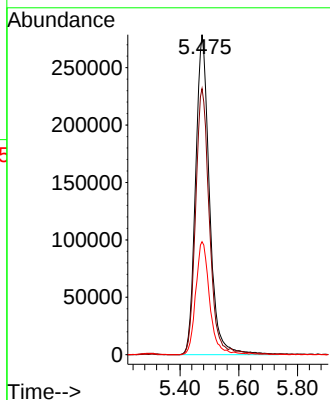
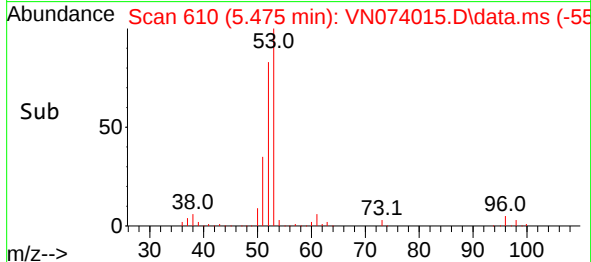
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMSD



Tgt Ion: 53 Resp: 91531
Ion Ratio Lower Upper
53 100
52 82.9 66.4 99.6
51 35.4 28.5 42.7

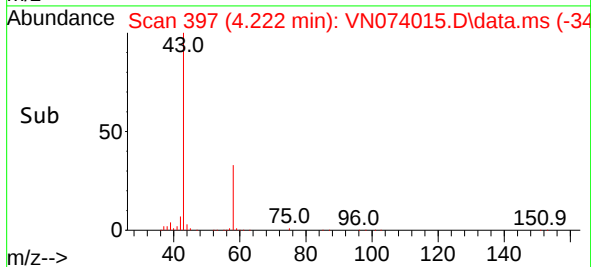
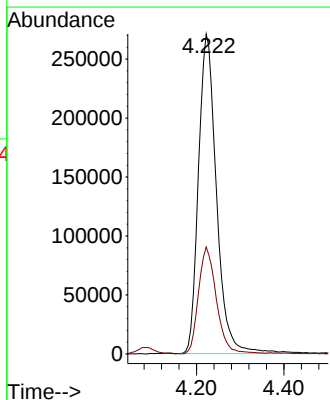
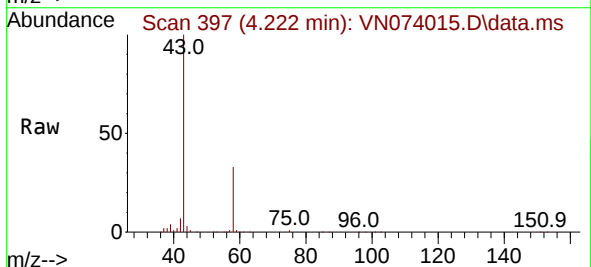
Manual Integrations
APPROVED

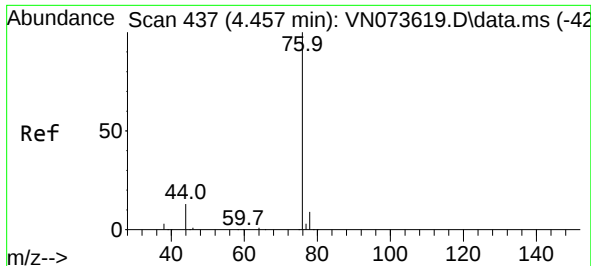
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#16
Acetone
Concen: 311.242 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

Tgt Ion: 43 Resp: 777677
Ion Ratio Lower Upper
43 100
58 33.3 26.0 39.0





#17

Carbon Disulfide

Concen: 51.019 ug/l

RT: 4.457 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN074015.D

Acq: 18 Aug 2022 19:29

Instrument :

MSVOA_N

ClientSampleId :

MW-106DMSD

Tgt Ion: 76 Resp: 520598

Ion Ratio Lower Upper

76 100

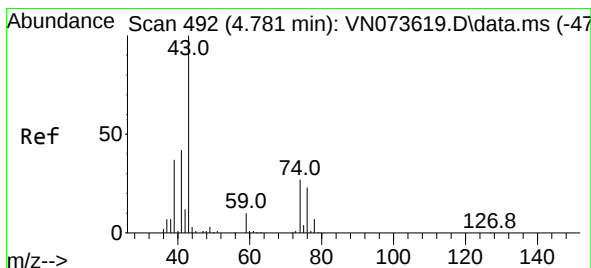
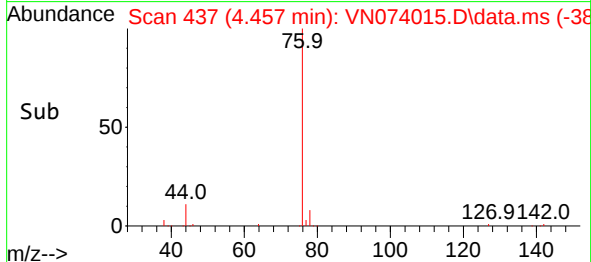
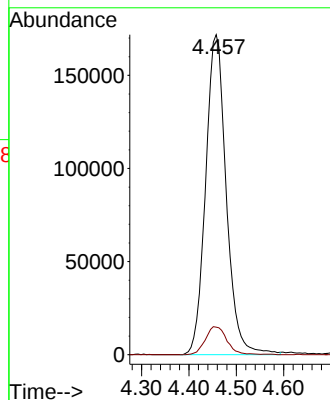
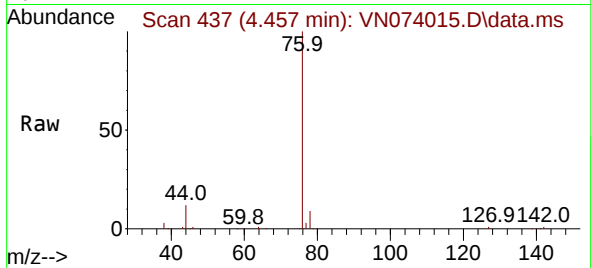
78 8.6 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#18

Methyl Acetate

Concen: 68.012 ug/l

RT: 4.781 min Scan# 492

Delta R.T. -0.000 min

Lab File: VN074015.D

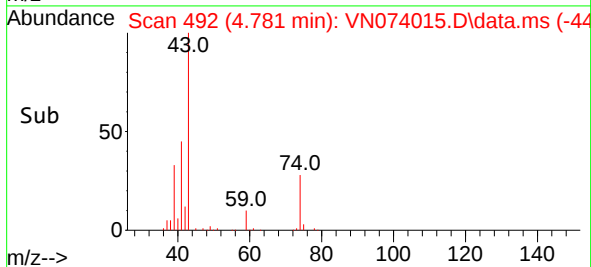
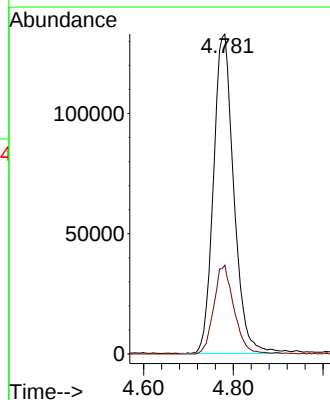
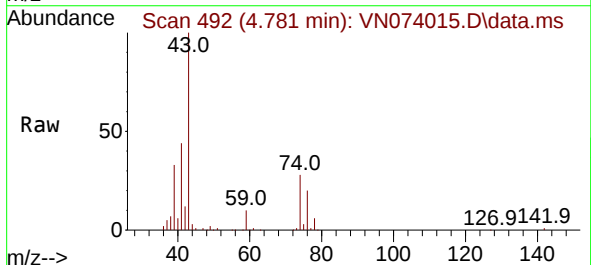
Acq: 18 Aug 2022 19:29

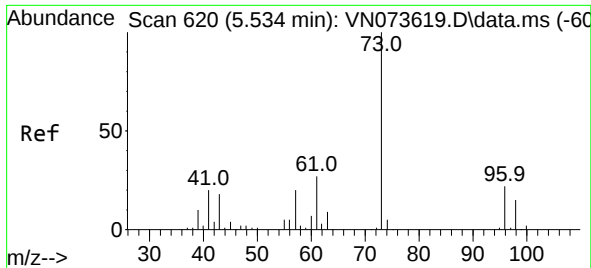
Tgt Ion: 43 Resp: 418996

Ion Ratio Lower Upper

43 100

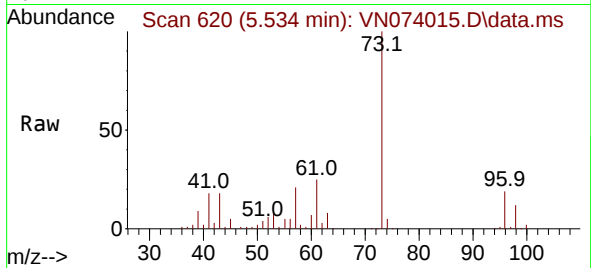
74 27.5 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 56.175 ug/l
RT: 5.534 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

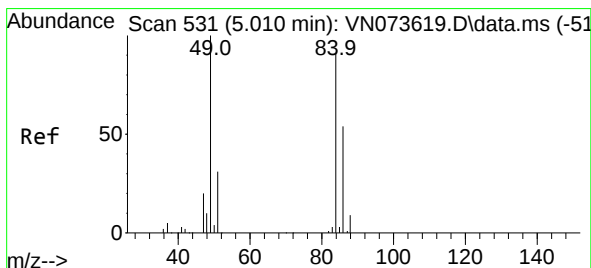
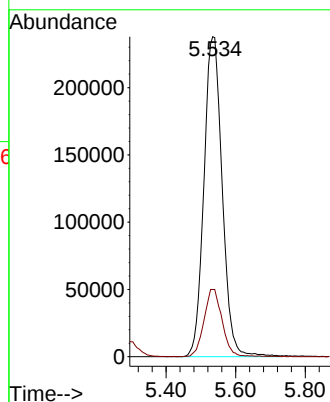
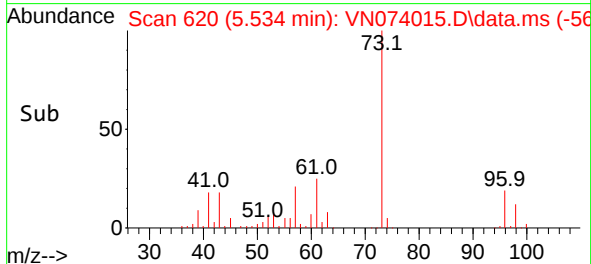
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMSD



Tgt Ion: 73 Resp: 868239
Ion Ratio Lower Upper
73 100
57 20.9 17.6 26.4

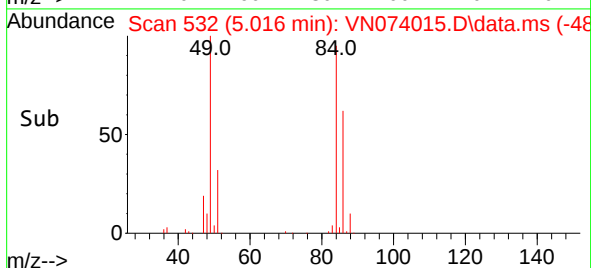
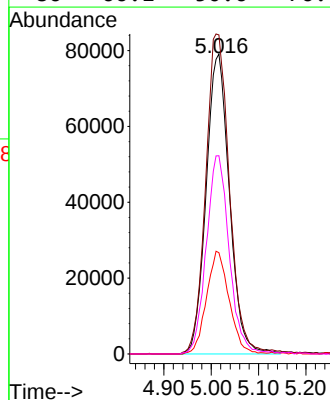
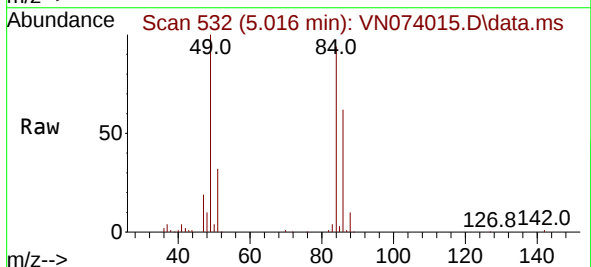
Manual Integrations
APPROVED

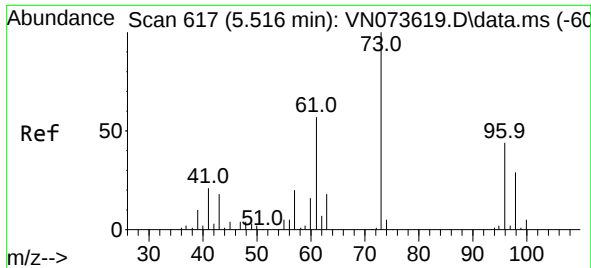
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#20
Methylene Chloride
Concen: 51.354 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

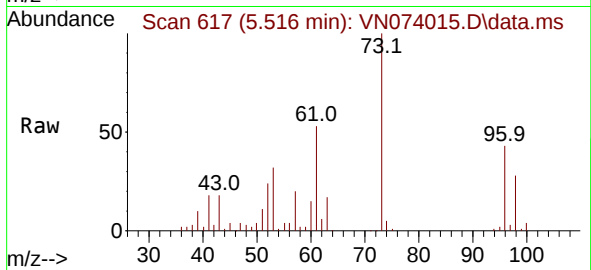
Tgt Ion: 84 Resp: 270762
Ion Ratio Lower Upper
84 100
49 106.4 88.3 132.5
51 33.8 28.2 42.2
86 66.1 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 51.263 ug/l
RT: 5.516 min Scan# 617
Delta R.T. 0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

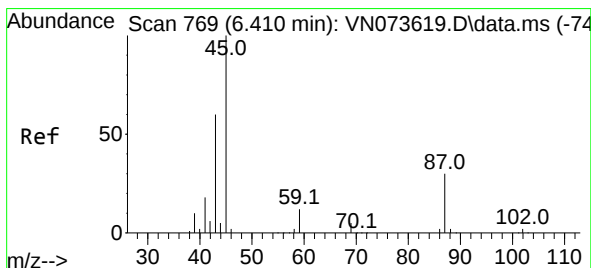
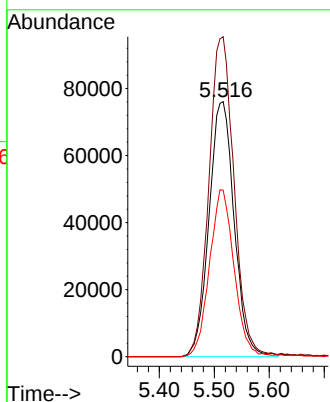
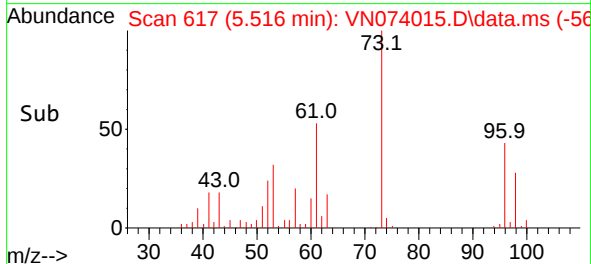
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMSD



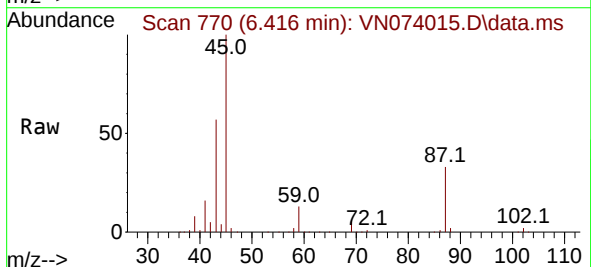
Tgt Ion: 96 Resp: 242368
Ion Ratio Lower Upper
96 100
61 125.4 105.8 158.8
98 65.3 50.3 75.5

Manual Integrations
APPROVED

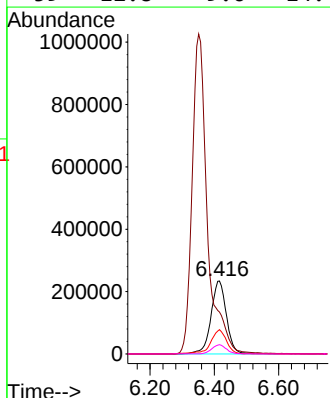
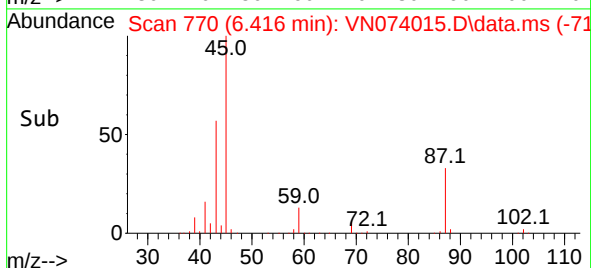
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

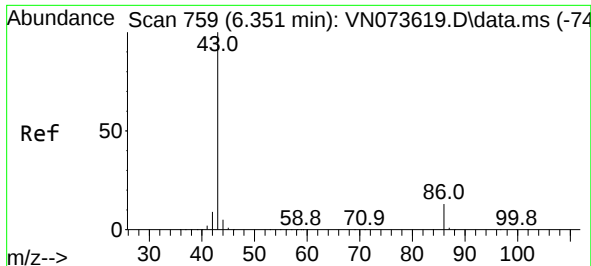


#22
Diisopropyl ether
Concen: 58.057 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.006 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29



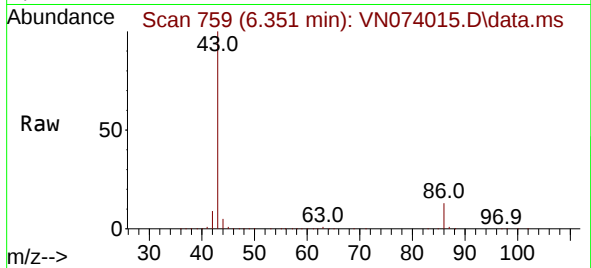
Tgt Ion: 45 Resp: 782356
Ion Ratio Lower Upper
45 100
43 56.9 46.6 70.0
87 33.4 24.3 36.5
59 12.8 9.6 14.4





#23
 Vinyl Acetate
 Concen: 292.608 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN074015.D
 Acq: 18 Aug 2022 19:29

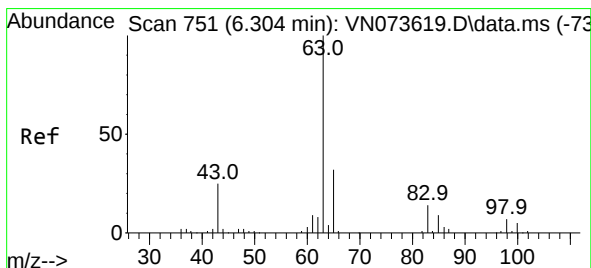
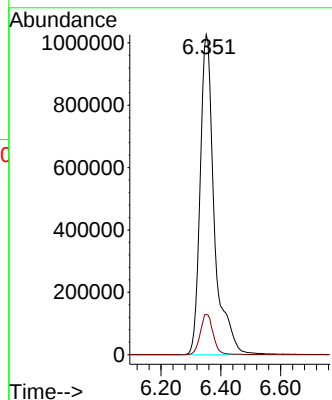
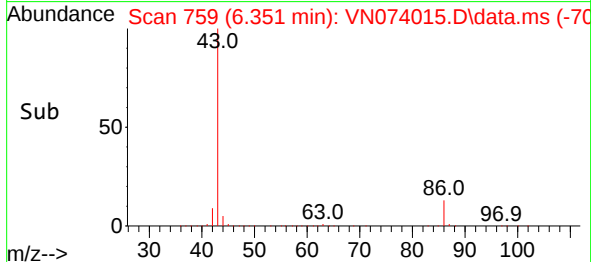
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-106DMSD



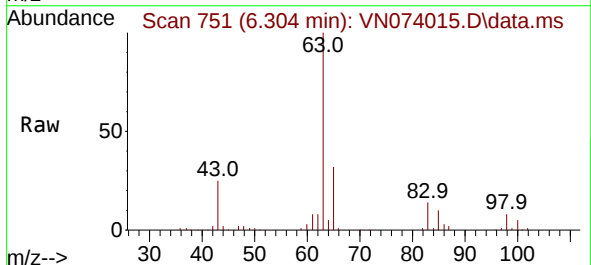
Tgt Ion: 43 Resp: 3379030
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.0 15.0

Manual Integrations
 APPROVED

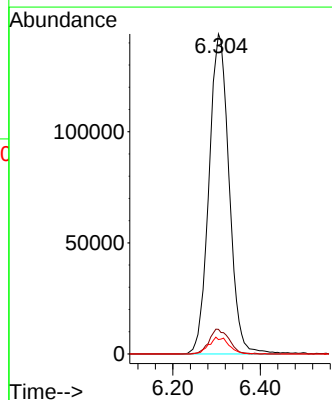
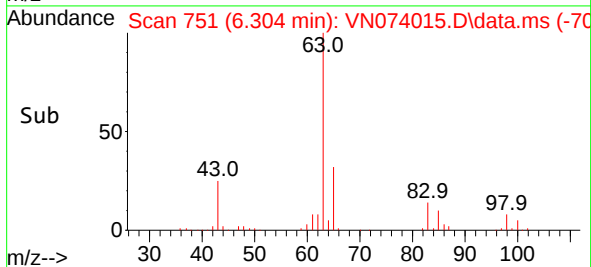
Reviewed By :John Carlone 08/19/2022
 Supervised By :Mahesh Dadoda 08/22/2022

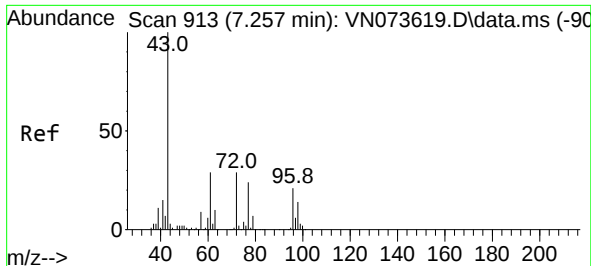


#24
 1,1-Dichloroethane
 Concen: 54.809 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN074015.D
 Acq: 18 Aug 2022 19:29



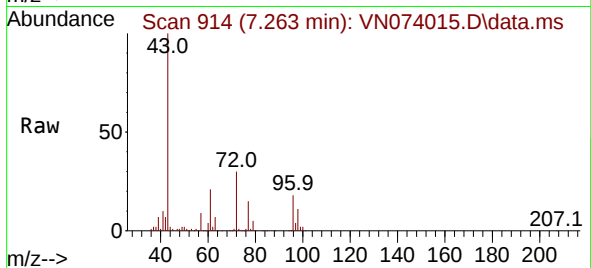
Tgt Ion: 63 Resp: 459740
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.4
 100 4.5 2.3 6.8





#25
2-Butanone
Concen: 318.408 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

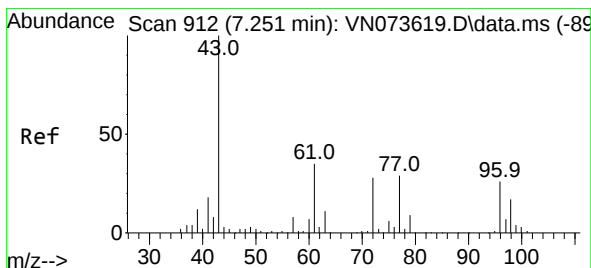
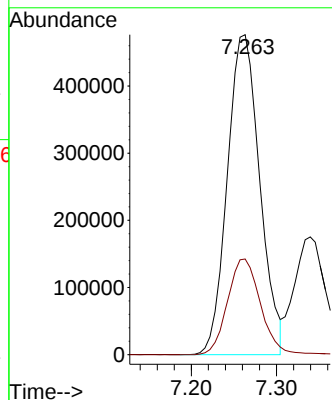
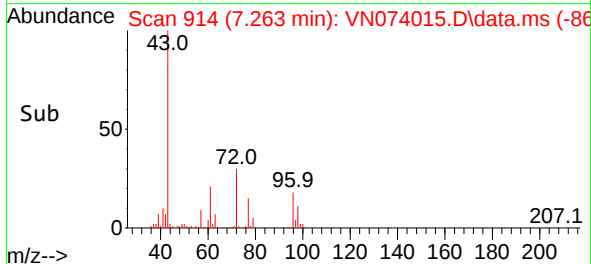
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMSD



Tgt Ion: 43 Resp: 1261478
Ion Ratio Lower Upper
43 100
72 29.9 23.7 35.5

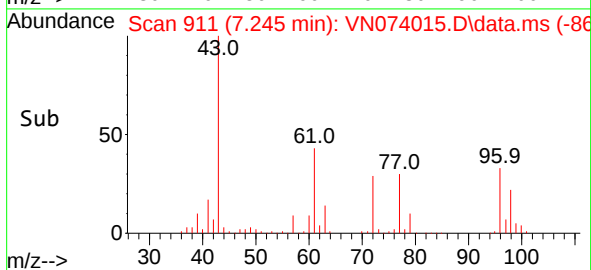
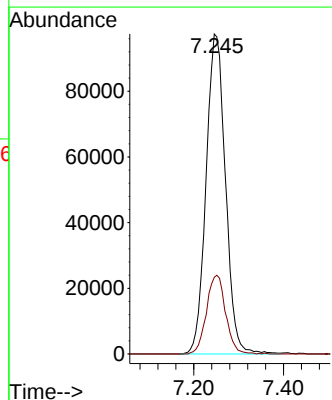
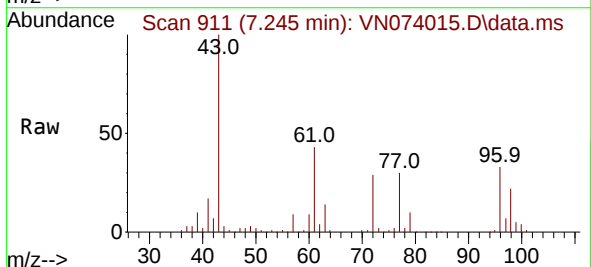
Manual Integrations
APPROVED

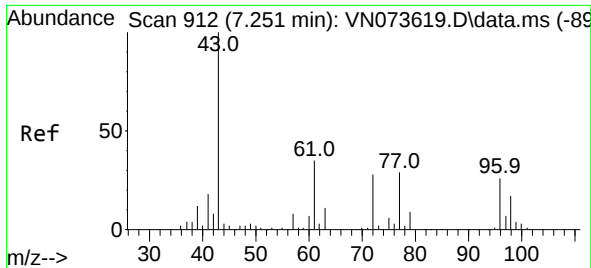
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#26
2,2-Dichloropropane
Concen: 37.110 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

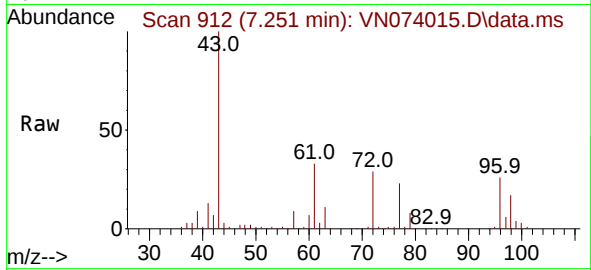
Tgt Ion: 77 Resp: 292455
Ion Ratio Lower Upper
77 100
97 24.2 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 53.399 ug/l
 RT: 7.251 min Scan# 912
 Delta R.T. 0.000 min
 Lab File: VN074015.D
 Acq: 18 Aug 2022 19:29

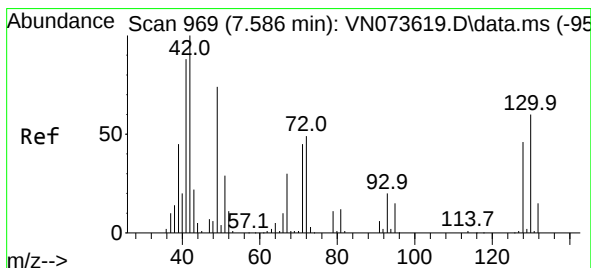
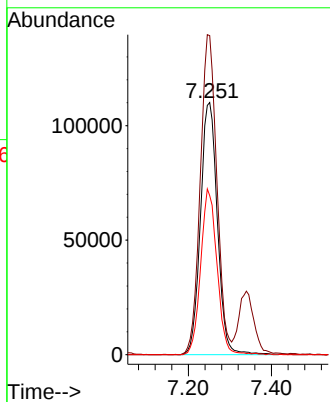
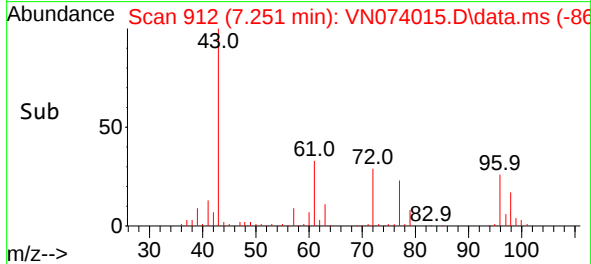
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-106DMSD



Tgt Ion: 96 Resp: 31149
 Ion Ratio Lower Upper
 96 100
 61 124.3 0.0 280.6
 98 63.3 0.0 128.4

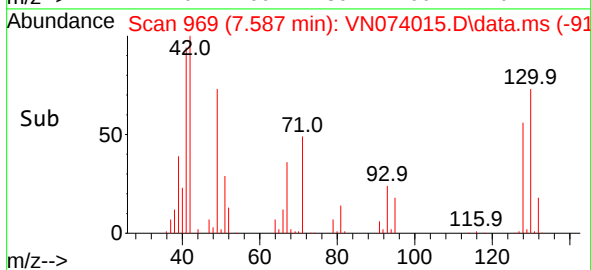
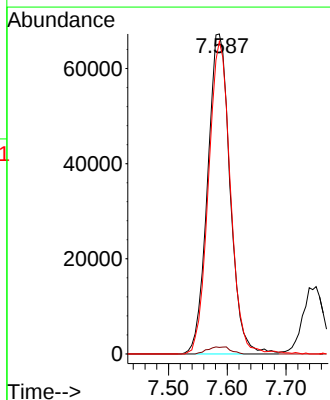
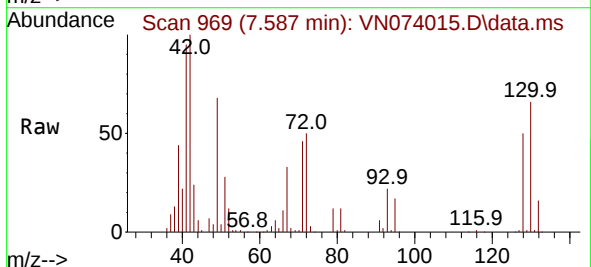
Manual Integrations
 APPROVED

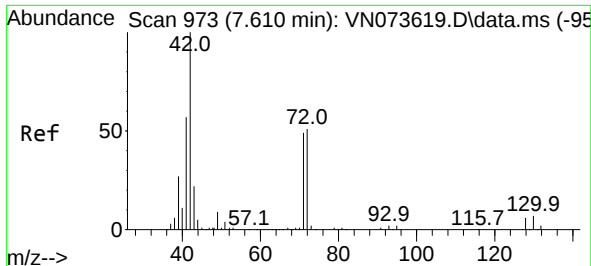
Reviewed By :John Carlone 08/19/2022
 Supervised By :Mahesh Dadoda 08/22/2022



#28
 Bromochloromethane
 Concen: 57.788 ug/l
 RT: 7.587 min Scan# 969
 Delta R.T. 0.001 min
 Lab File: VN074015.D
 Acq: 18 Aug 2022 19:29

Tgt Ion: 49 Resp: 178778
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 94.8 69.7 104.5





#29

Tetrahydrofuran

Concen: 318.338 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074015.D

Acq: 18 Aug 2022 19:29

Instrument :

MSVOA_N

ClientSampleId :

MW-106DMSD

Tgt Ion: 42 Resp: 809034

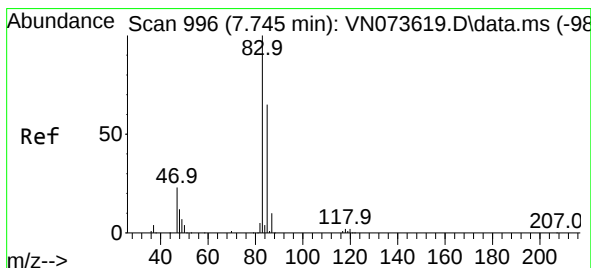
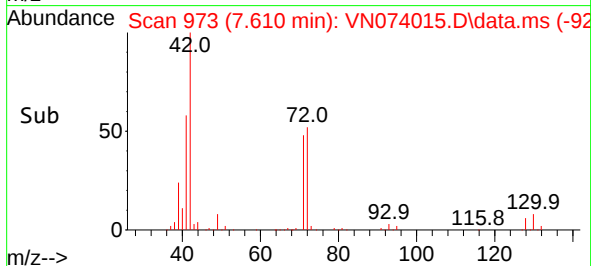
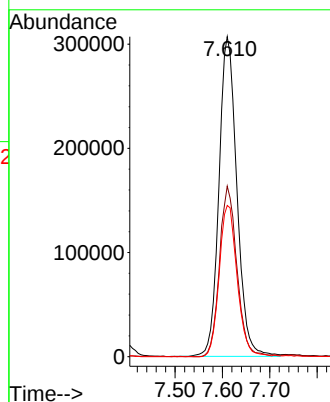
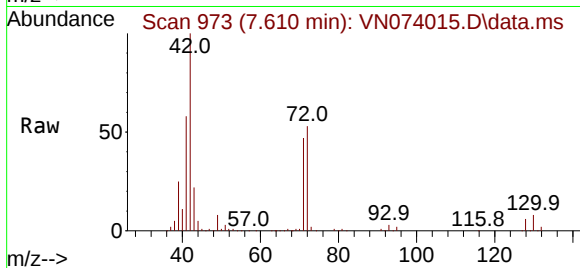
Ion	Ratio	Lower	Upper
42	100		
72	52.1	39.7	59.5
71	47.3	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#30

Chloroform

Concen: 53.919 ug/l

RT: 7.745 min Scan# 996

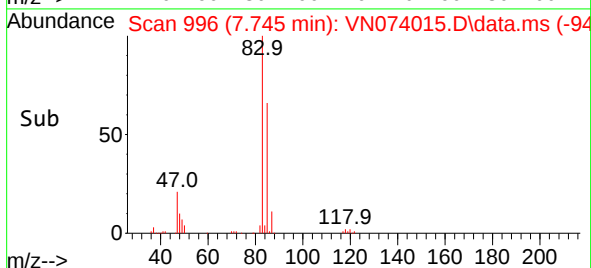
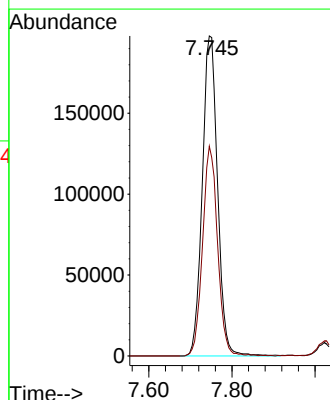
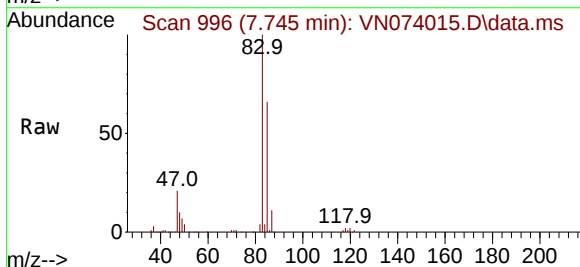
Delta R.T. 0.000 min

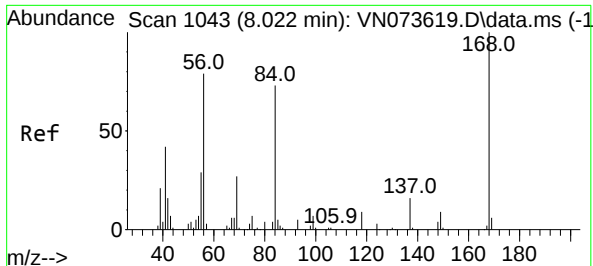
Lab File: VN074015.D

Acq: 18 Aug 2022 19:29

Tgt Ion: 83 Resp: 505730

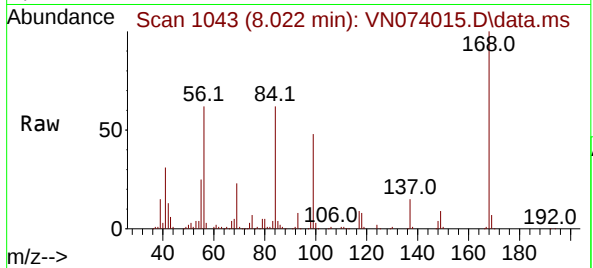
Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.8	77.8





#31
Cyclohexane
Concen: 48.451 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

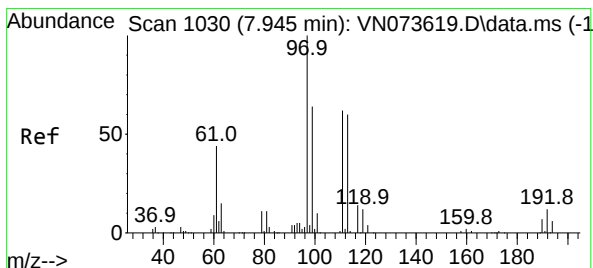
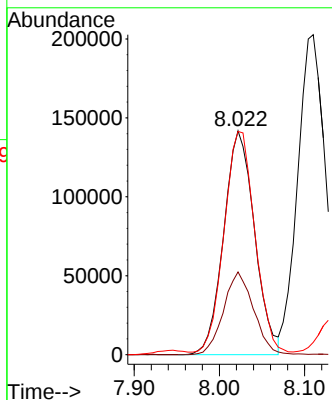
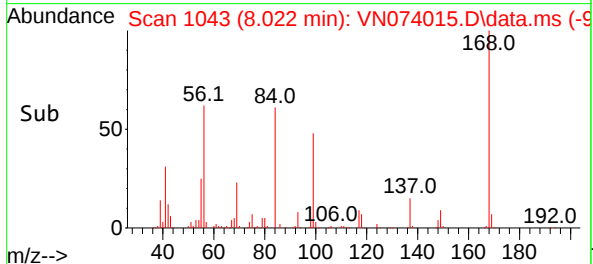
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMSD



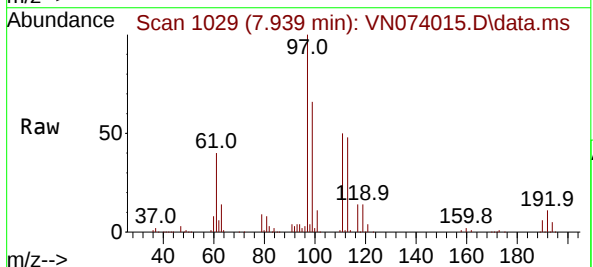
Tgt Ion: 56 Resp: 35771
Ion Ratio Lower Upper
56 100
69 37.0 27.8 41.8
84 98.1 76.9 115.3

Manual Integrations
APPROVED

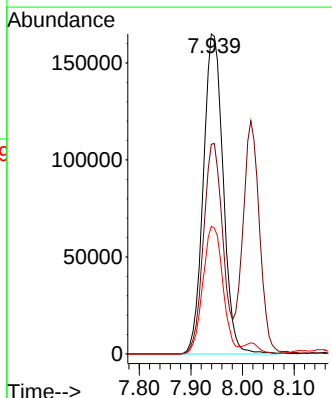
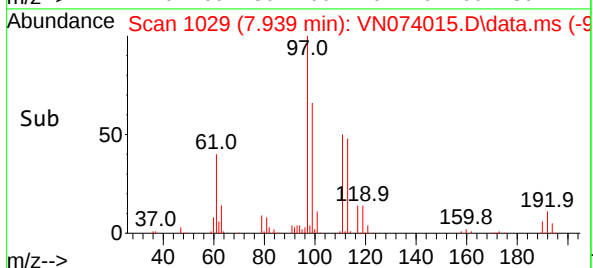
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

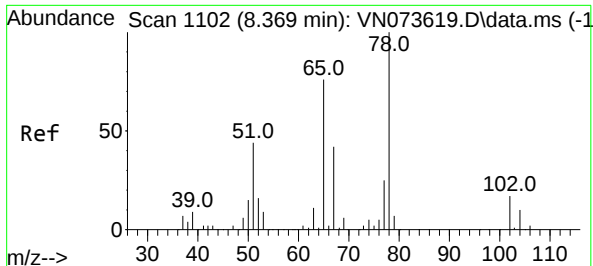


#32
1,1,1-Trichloroethane
Concen: 52.871 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29



Tgt Ion: 97 Resp: 439765
Ion Ratio Lower Upper
97 100
99 64.0 50.6 76.0
61 40.3 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 58.261 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN074015.D

Acq: 18 Aug 2022 19:29

Instrument :

MSVOA_N

ClientSampleId :

MW-106DMSD

Tgt Ion: 65 Resp: 308550

Ion Ratio Lower Upper

65 100

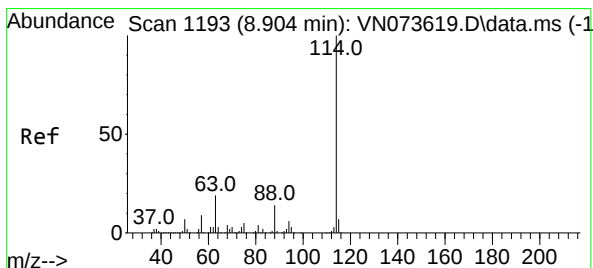
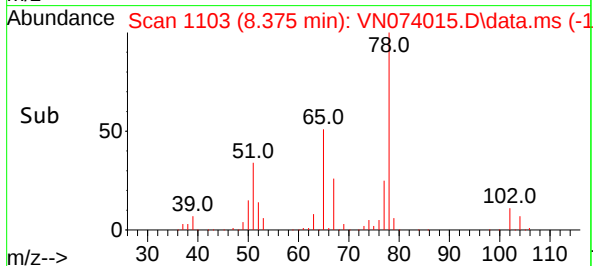
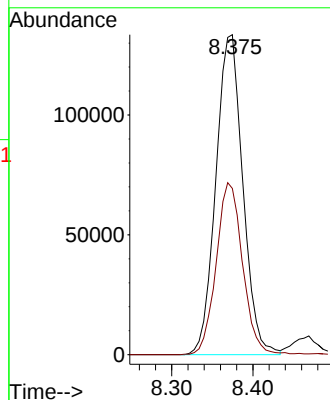
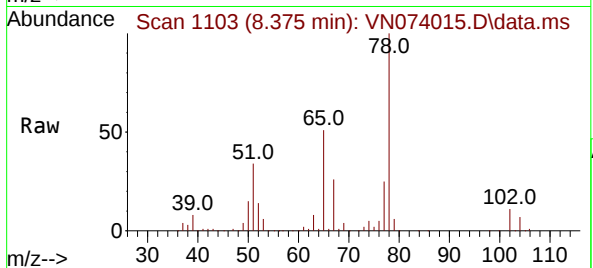
67 52.7 0.0 104.8

Manual Integrations

APPROVED

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: VN074015.D

Acq: 18 Aug 2022 19:29

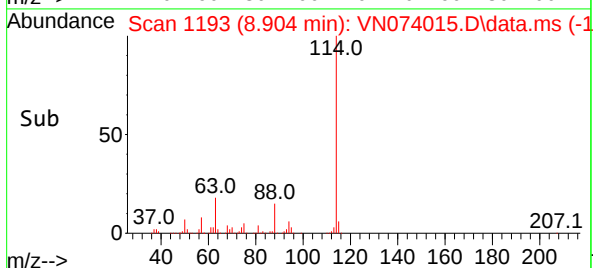
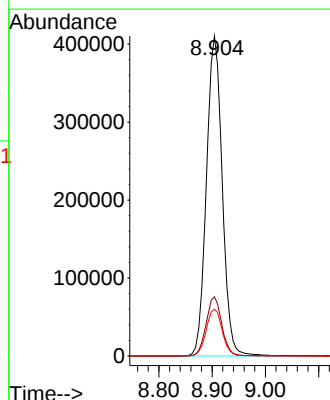
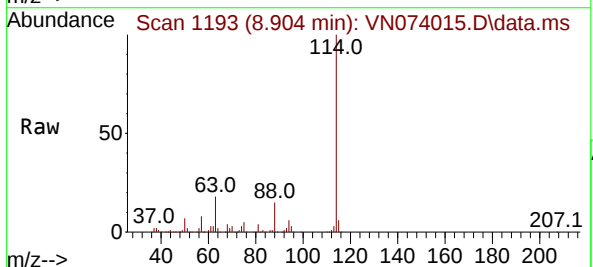
Tgt Ion:114 Resp: 845472

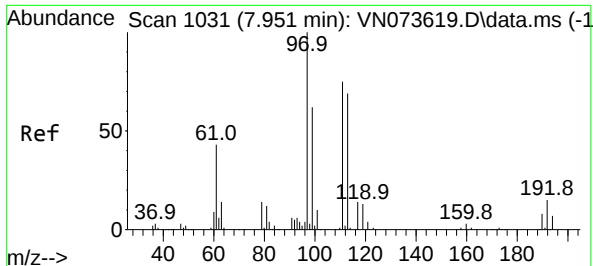
Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.0

88 14.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 54.743 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074015.D

Acq: 18 Aug 2022 19:29

Instrument :

MSVOA_N

ClientSampleId :

MW-106DMSD

Tgt Ion:113 Resp: 273718

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

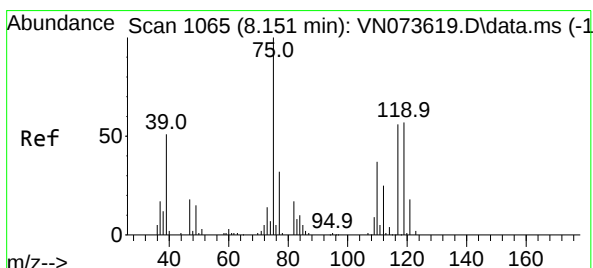
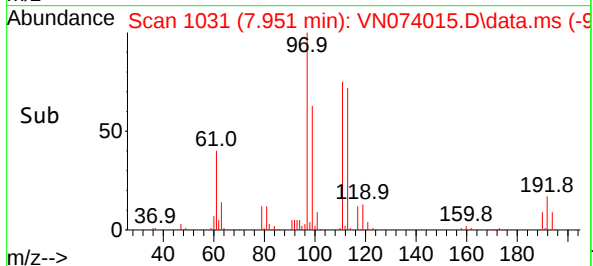
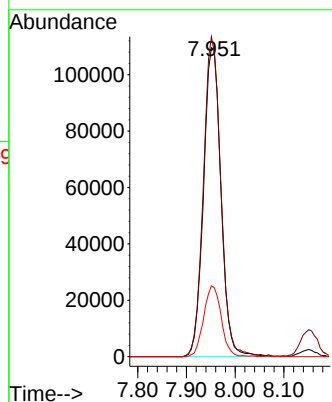
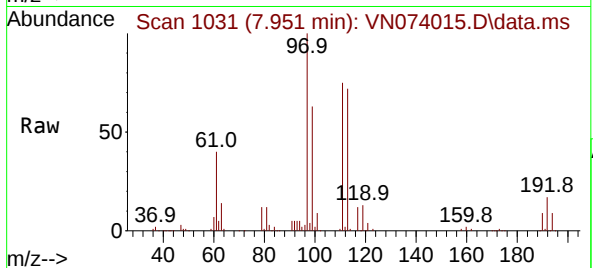
192 23.0 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#36

1,1-Dichloropropene

Concen: 49.101 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VN074015.D

Acq: 18 Aug 2022 19:29

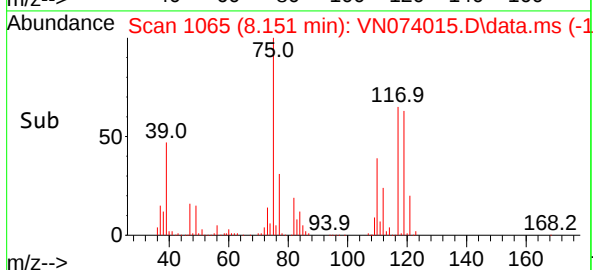
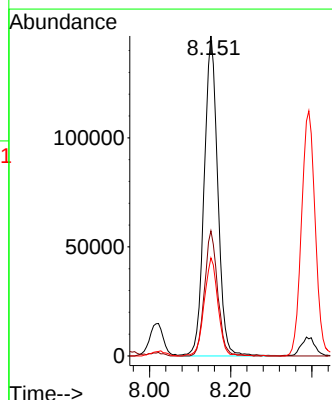
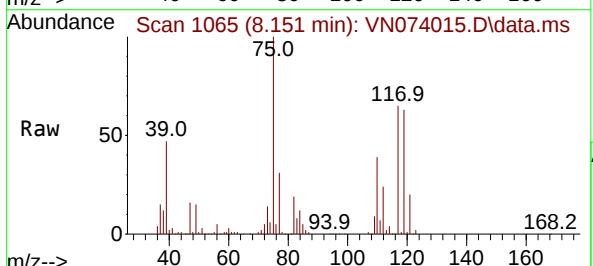
Tgt Ion: 75 Resp: 340999

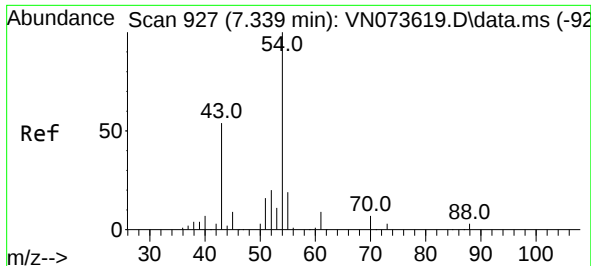
Ion Ratio Lower Upper

75 100

110 37.7 18.3 54.8

77 30.9 25.1 37.7





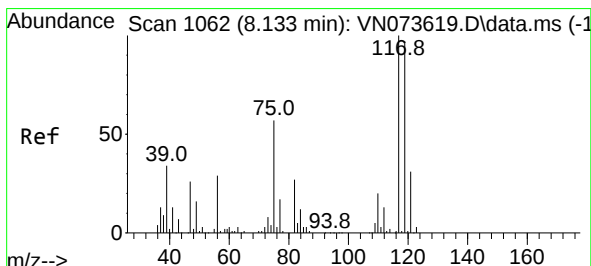
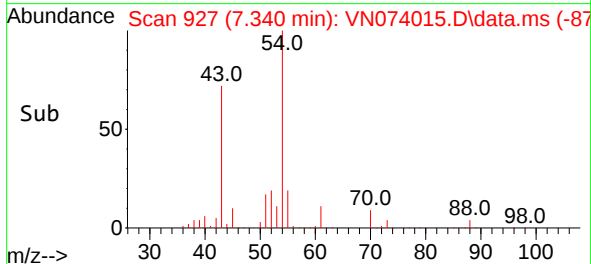
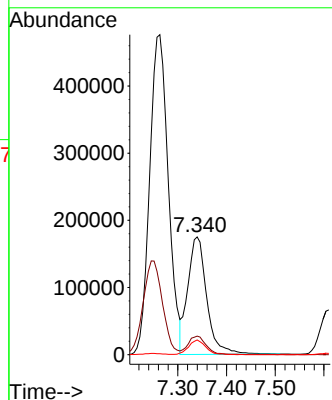
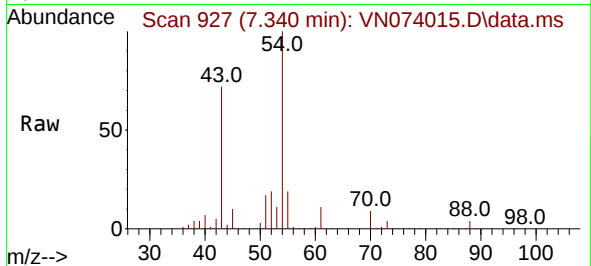
#37
Ethyl Acetate
Concen: 56.221 ug/l
RT: 7.340 min Scan# 91
Delta R.T. 0.001 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

Instrument :
MSVOA_N
ClientSampleId :
MW-106DMSD

Tgt Ion: 43 Resp: 47302
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.6
70 11.3 9.3 13.9

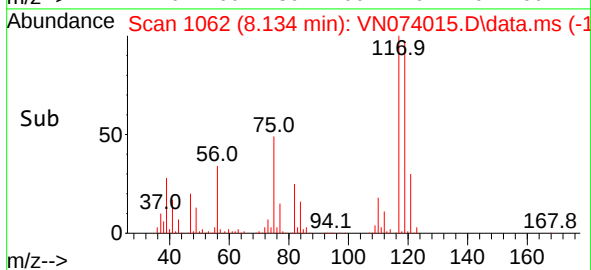
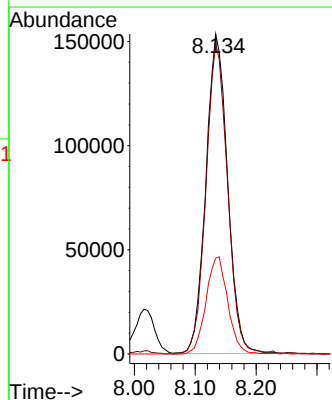
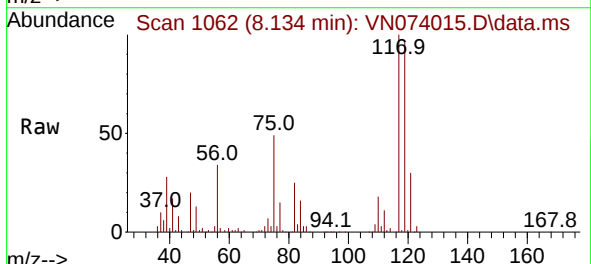
Manual Integrations
APPROVED

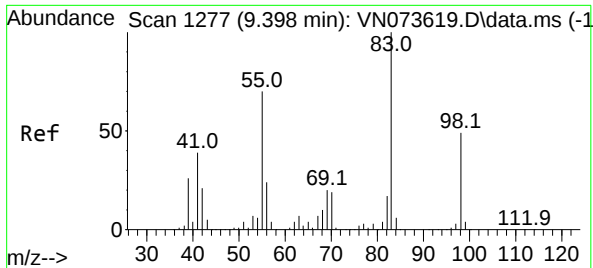
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#38
Carbon Tetrachloride
Concen: 47.796 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.001 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

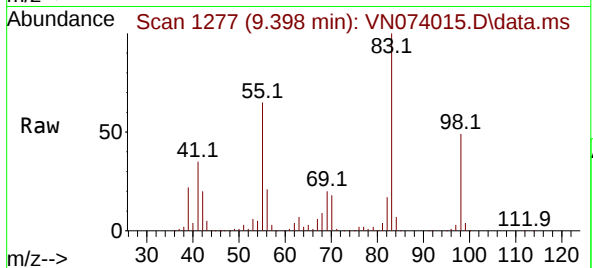
Tgt Ion:117 Resp: 379411
Ion Ratio Lower Upper
117 100
119 97.1 75.8 113.8
121 30.0 24.6 37.0





#39
Methylcyclohexane
Concen: 43.426 ug/l
RT: 9.398 min Scan# 1277
Delta R.T. 0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

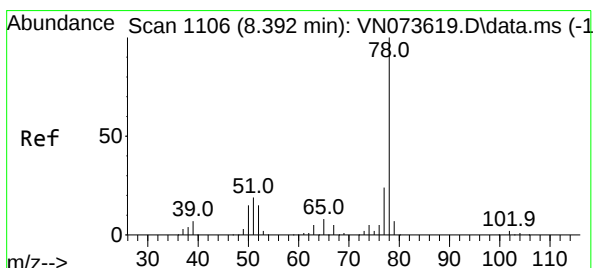
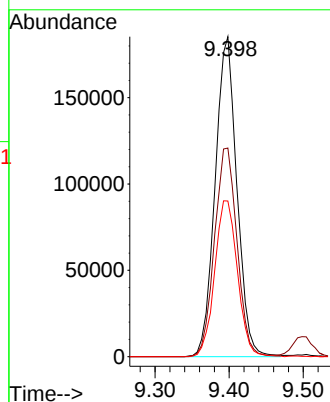
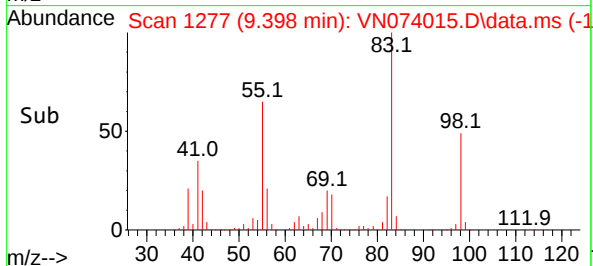
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMSD



Tgt Ion: 83 Resp: 377898
Ion Ratio Lower Upper
83 100
55 65.2 57.8 86.8
98 48.7 39.4 59.2

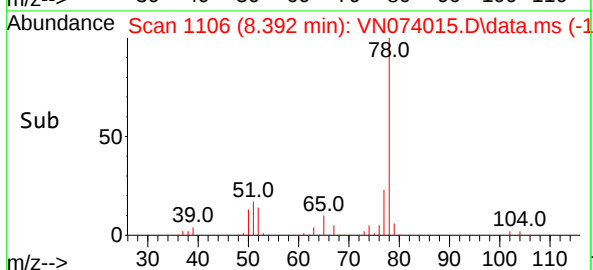
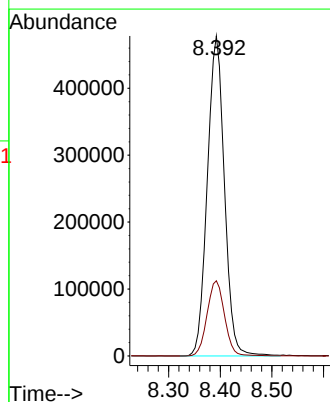
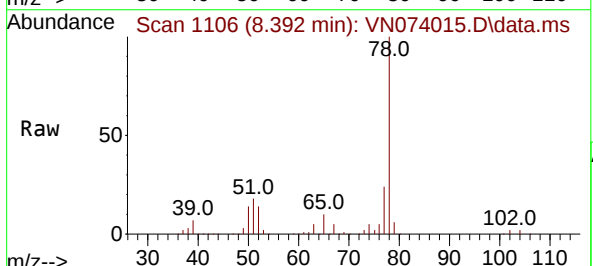
Manual Integrations
APPROVED

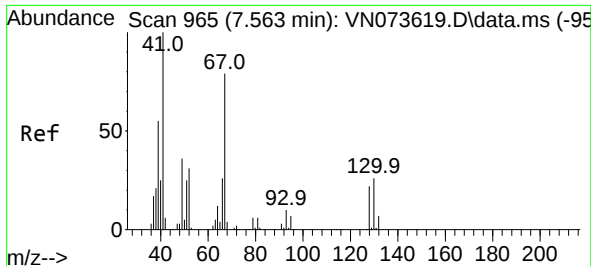
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#40
Benzene
Concen: 50.083 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

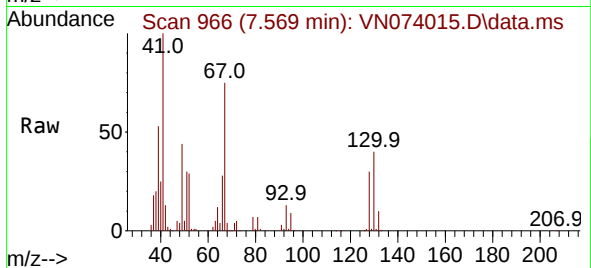
Tgt Ion: 78 Resp: 1097785
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0





#41
Methacrylonitrile
Concen: 58.406 ug/l
RT: 7.569 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

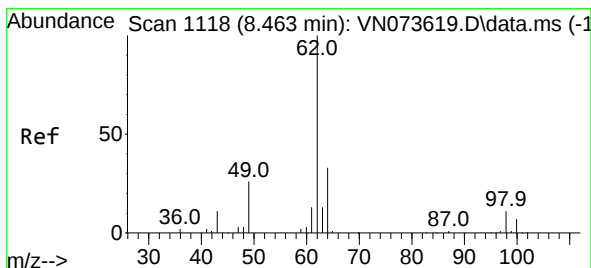
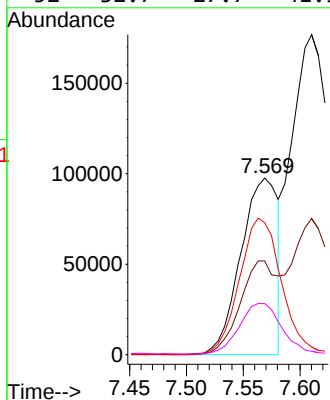
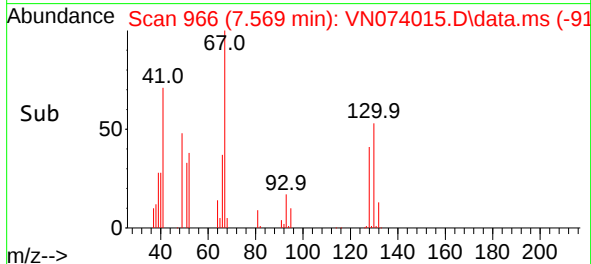
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMSD



Tgt Ion: 41 Resp: 22207
Ion Ratio Lower Upper
41 100
39 52.3 48.6 73.0
67 87.8 73.4 110.2
52 32.7 27.7 41.5

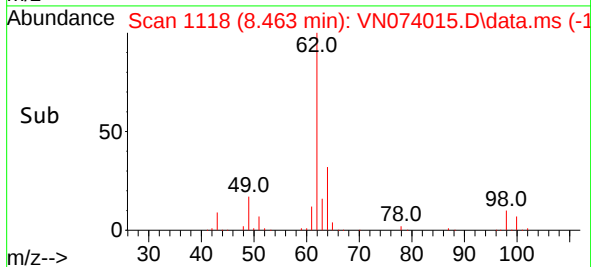
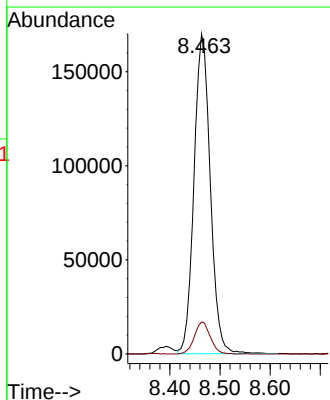
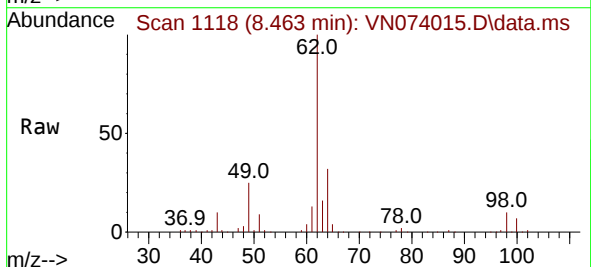
Manual Integrations
APPROVED

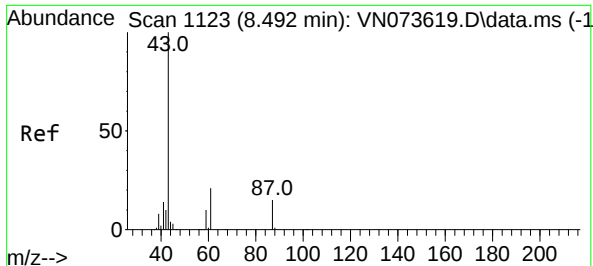
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#42
1,2-Dichloroethane
Concen: 50.819 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

Tgt Ion: 62 Resp: 383011
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.4





#43

Isopropyl Acetate

Concen: 54.883 ug/l

RT: 8.498 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN074015.D

Acq: 18 Aug 2022 19:29

Instrument :

MSVOA_N

ClientSampleId :

MW-106DMSD

Tgt Ion: 43 Resp: 657824

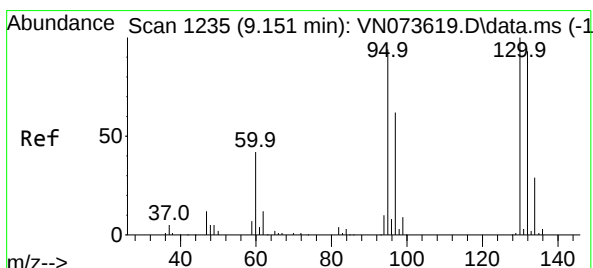
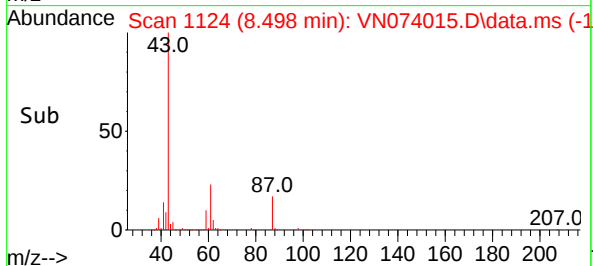
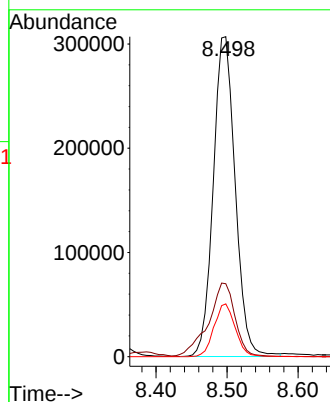
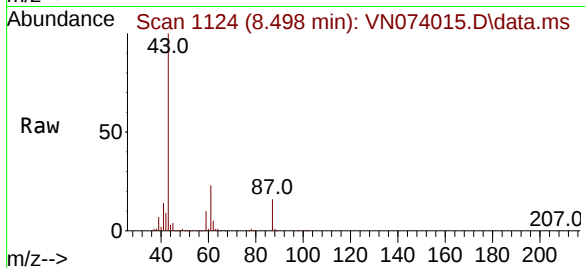
Ion	Ratio	Lower	Upper
43	100		
61	28.2	21.9	32.9
87	16.1	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#44

Trichloroethene

Concen: 46.939 ug/l

RT: 9.151 min Scan# 1235

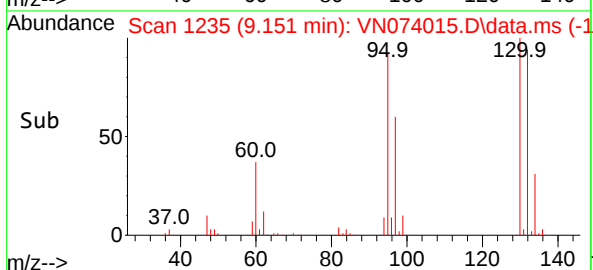
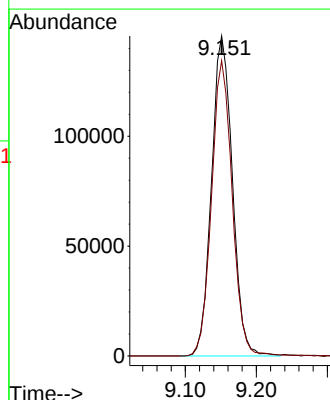
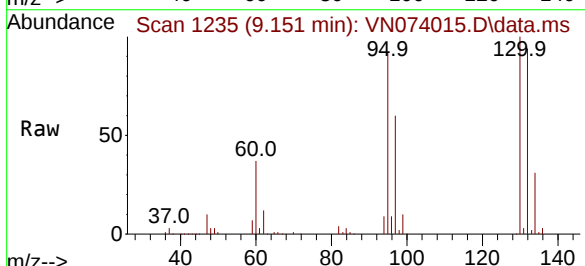
Delta R.T. 0.000 min

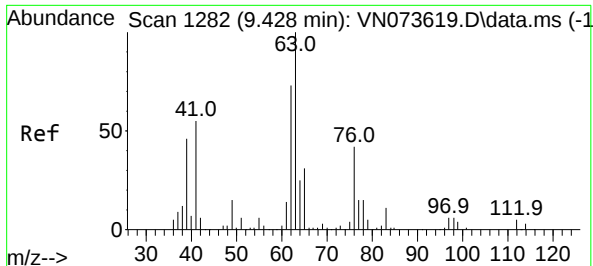
Lab File: VN074015.D

Acq: 18 Aug 2022 19:29

Tgt Ion:130 Resp: 297166

Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	186.8





#45

1,2-Dichloropropane

Concen: 53.442 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN074015.D

Acq: 18 Aug 2022 19:29

Instrument :

MSVOA_N

ClientSampleId :

MW-106DMSD

Tgt Ion: 63 Resp: 280772

Ion Ratio Lower Upper

63 100

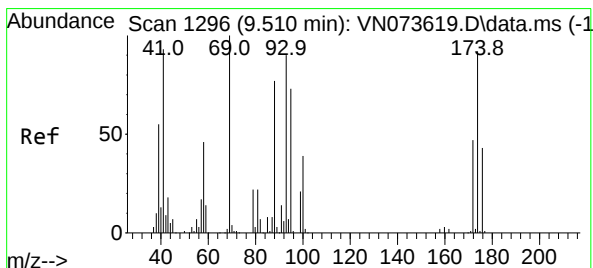
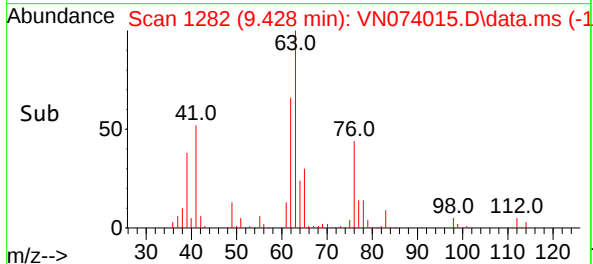
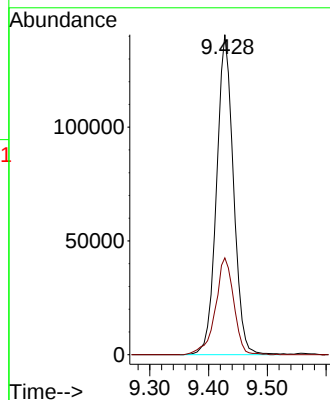
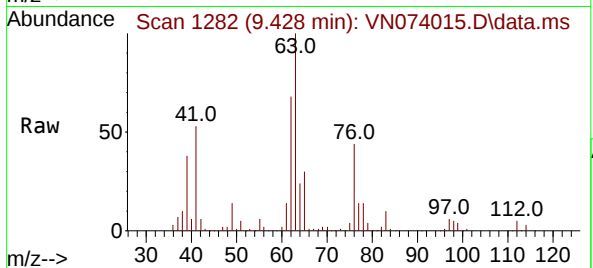
65 30.3 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#46

Dibromomethane

Concen: 50.309 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN074015.D

Acq: 18 Aug 2022 19:29

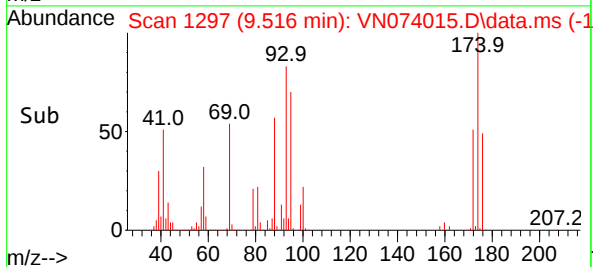
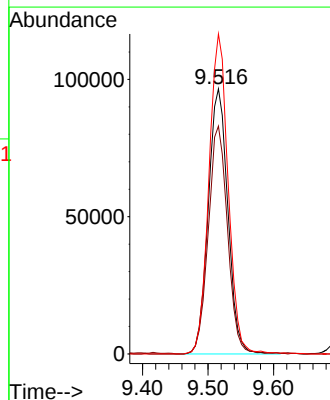
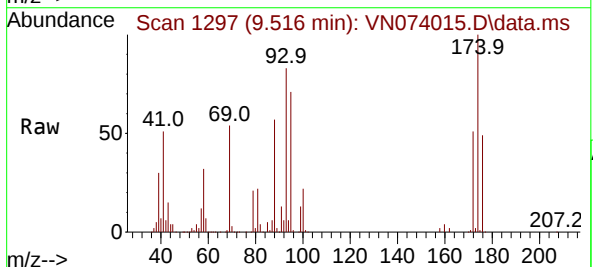
Tgt Ion: 93 Resp: 200951

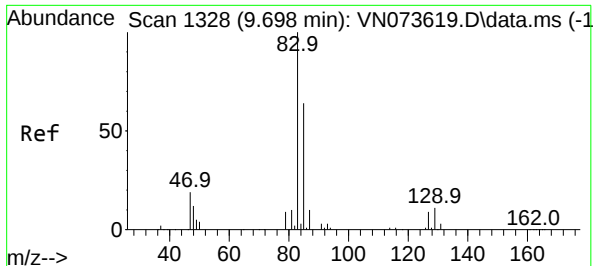
Ion Ratio Lower Upper

93 100

95 84.3 66.9 100.3

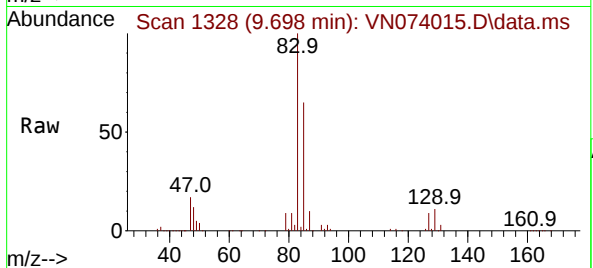
174 118.2 86.6 130.0





#47
Bromodichloromethane
Concen: 51.444 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

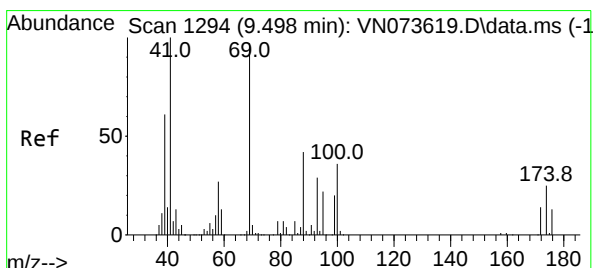
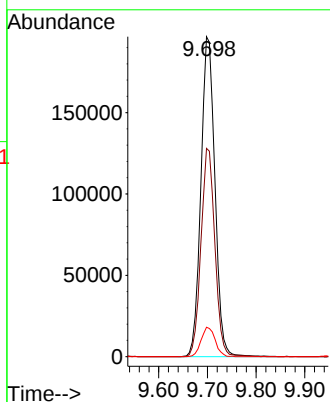
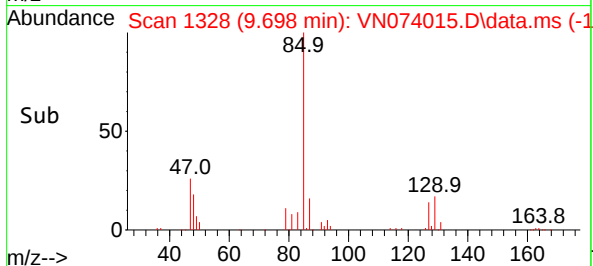
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMSD



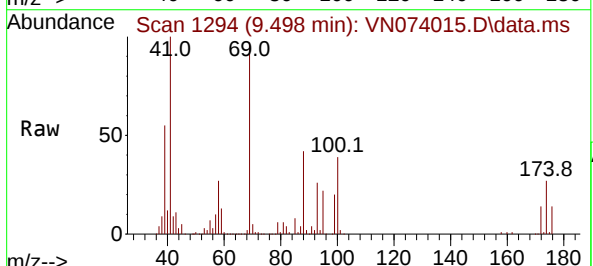
Tgt Ion: 83 Resp: 392750
Ion Ratio Lower Upper
83 100
85 65.1 50.5 75.7
127 9.2 6.8 10.2

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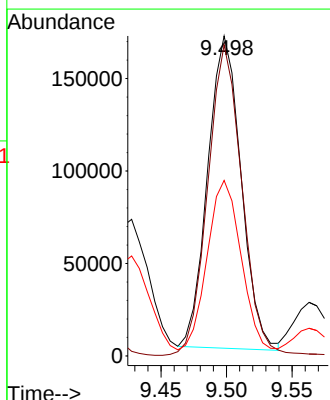
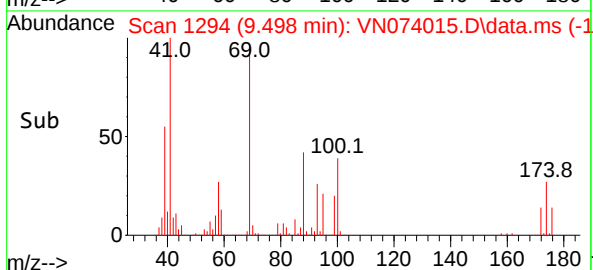
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

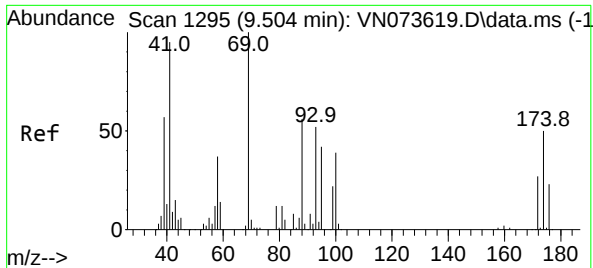


#48
Methyl methacrylate
Concen: 58.259 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29



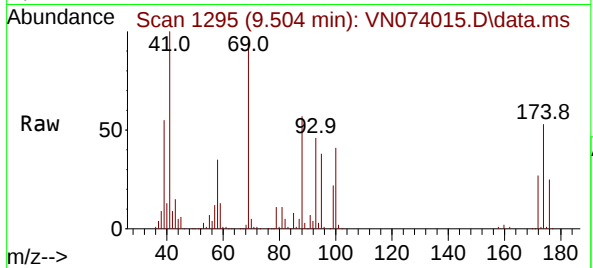
Tgt Ion: 41 Resp: 298788
Ion Ratio Lower Upper
41 100
69 102.7 74.7 112.1
39 59.3 45.6 68.4





#49
1,4-Dioxane
Concen: 1145.656 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

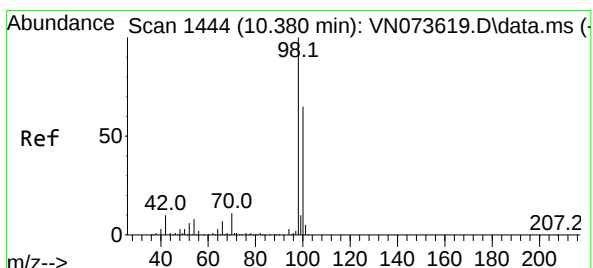
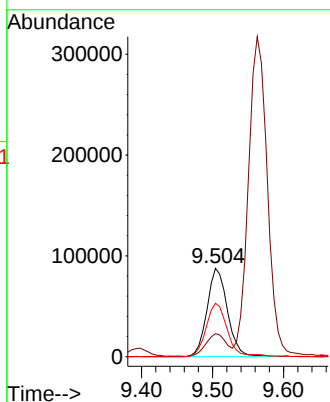
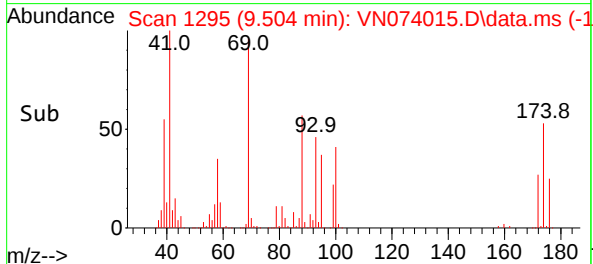
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMSD



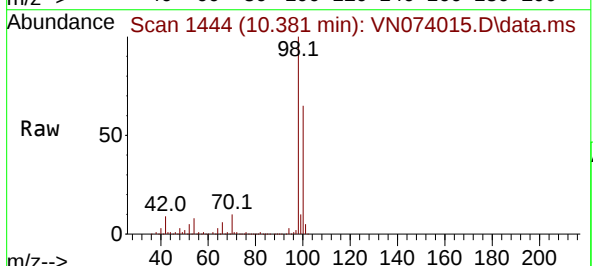
Tgt Ion: 88 Resp: 174729
Ion Ratio Lower Upper
88 100
43 25.6 20.2 30.4
58 62.9 54.2 81.4

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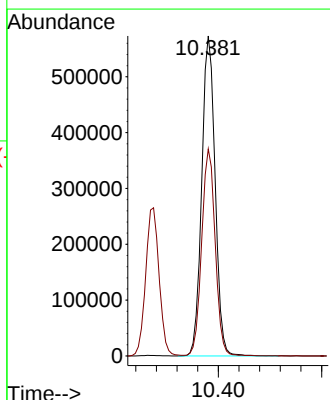
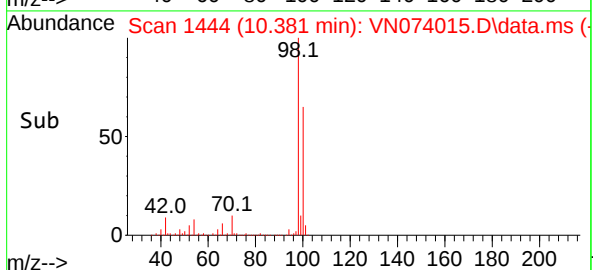
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

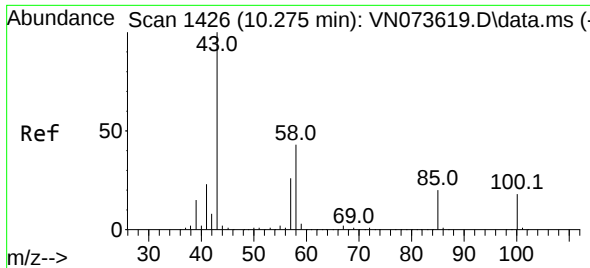


#50
Toluene-d8
Concen: 53.207 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29



Tgt Ion: 98 Resp: 1030339
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8





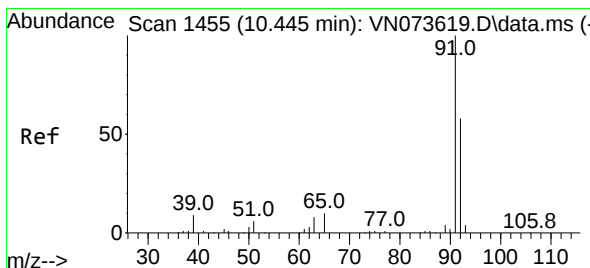
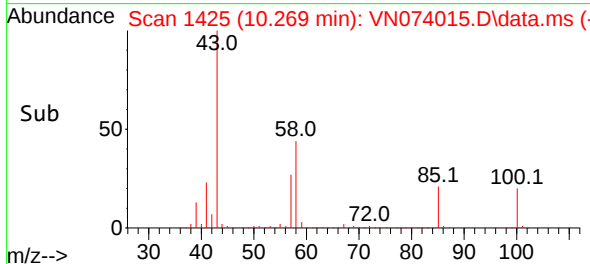
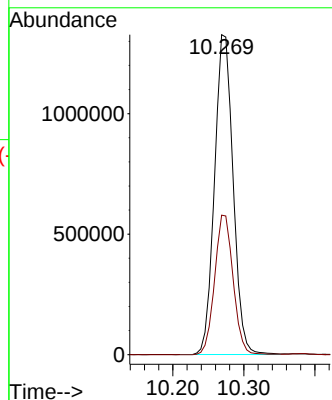
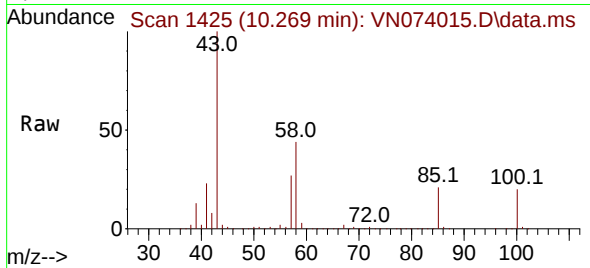
#51
4-Methyl-2-Pentanone
Concen: 298.051 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

Instrument :
MSVOA_N
ClientSampleId :
MW-106DMSD

Tgt Ion: 43 Resp: 241531
Ion Ratio Lower Upper
43 100
58 43.3 34.1 51.1

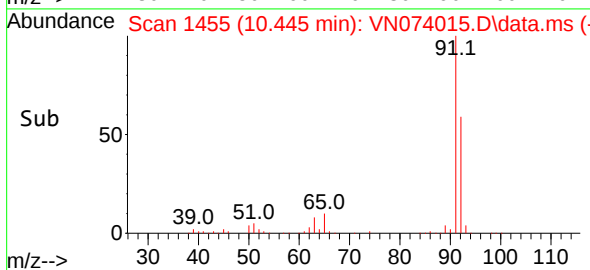
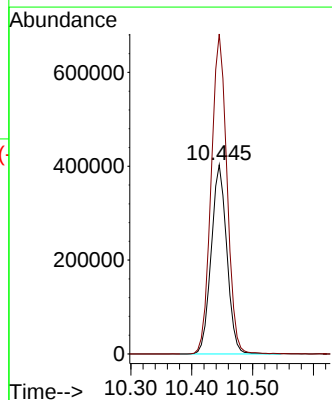
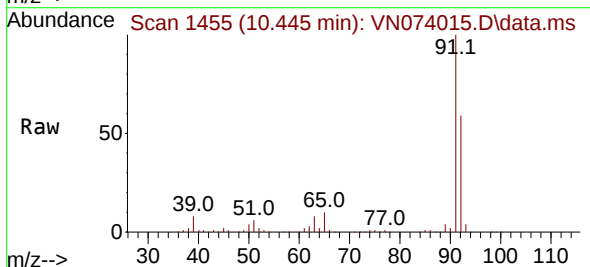
Manual Integrations
APPROVED

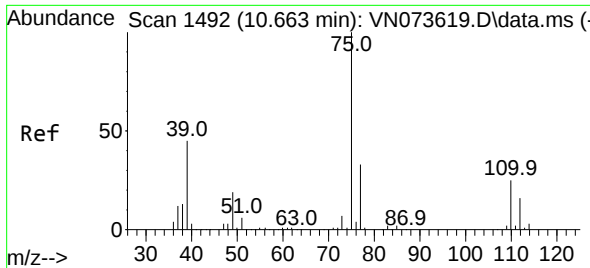
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#52
Toluene
Concen: 47.787 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

Tgt Ion: 92 Resp: 718257
Ion Ratio Lower Upper
92 100
91 171.5 138.6 207.8





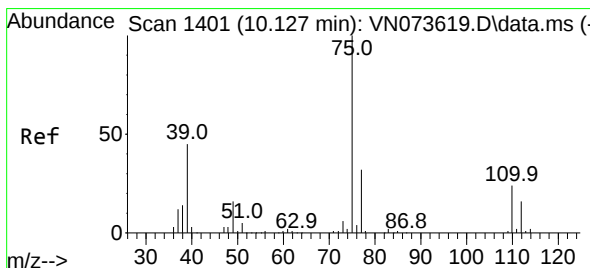
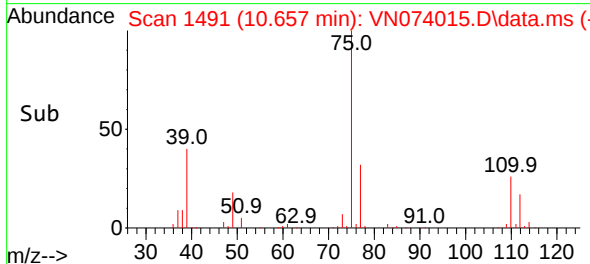
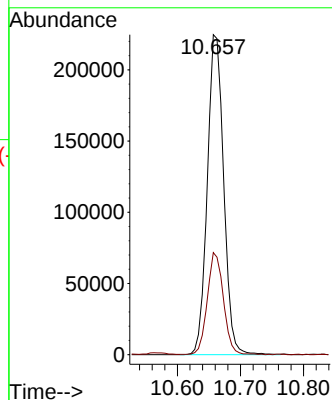
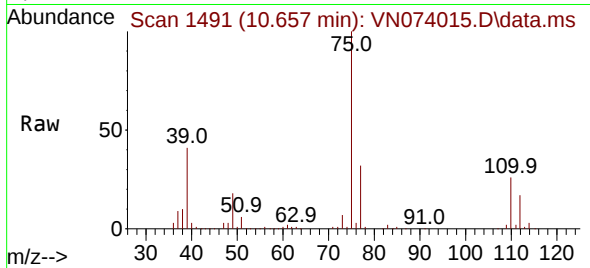
#53
 t-1,3-Dichloropropene
 Concen: 50.555 ug/l
 RT: 10.657 min Scan# 1491
 Delta R.T. -0.006 min
 Lab File: VN074015.D
 Acq: 18 Aug 2022 19:29

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-106DMSD

Tgt Ion: 75 Resp: 405009
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.6 38.4

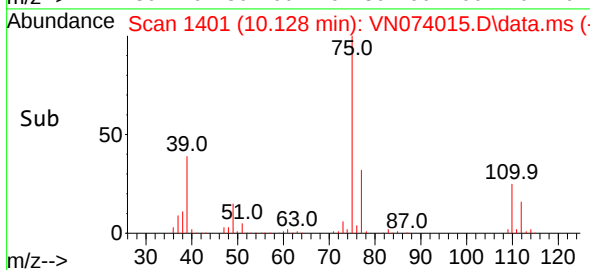
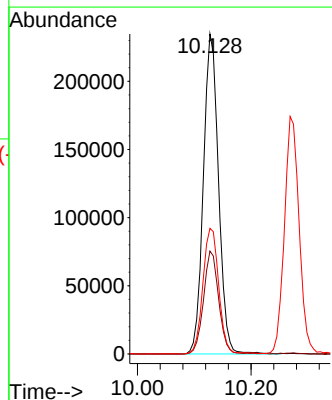
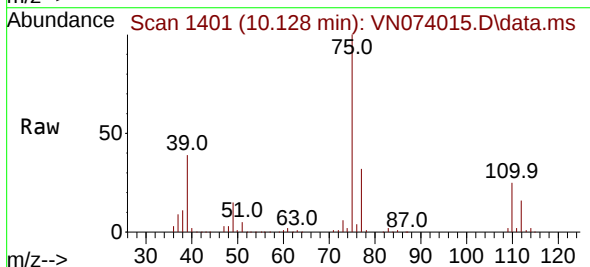
Manual Integrations
 APPROVED

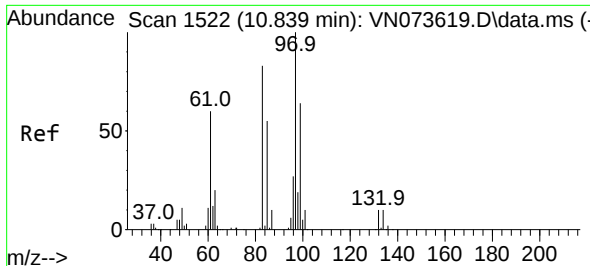
Reviewed By :John Carlone 08/19/2022
 Supervised By :Mahesh Dadoda 08/22/2022



#54
 cis-1,3-Dichloropropene
 Concen: 49.568 ug/l
 RT: 10.128 min Scan# 1401
 Delta R.T. 0.001 min
 Lab File: VN074015.D
 Acq: 18 Aug 2022 19:29

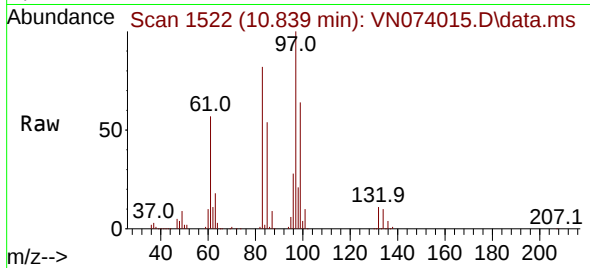
Tgt Ion: 75 Resp: 434484
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.2 37.8
 39 39.3 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 52.058 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

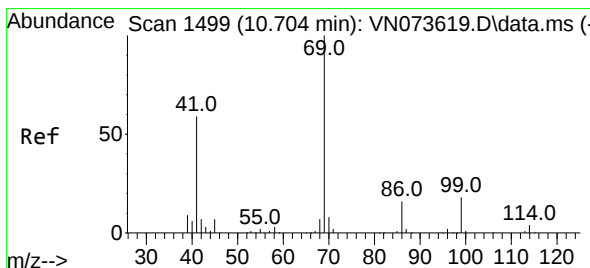
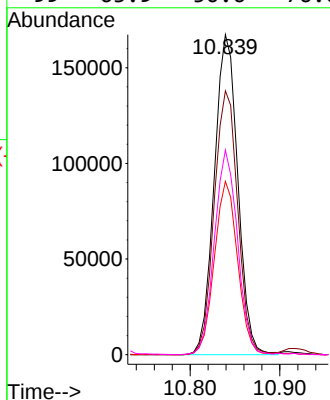
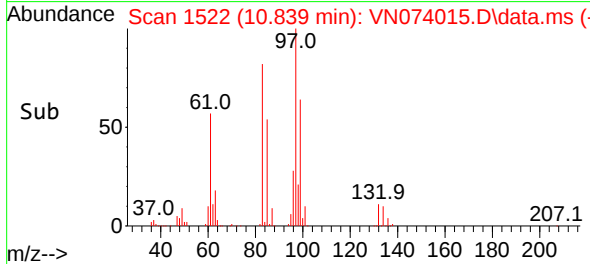
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMSD



Tgt Ion:	97	Resp:	30436
Ion	Ratio	Lower	Upper
97	100		
83	82.4	66.2	99.4
85	54.2	43.9	65.9
99	63.9	50.6	76.0

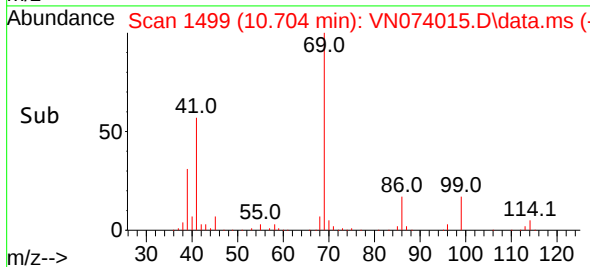
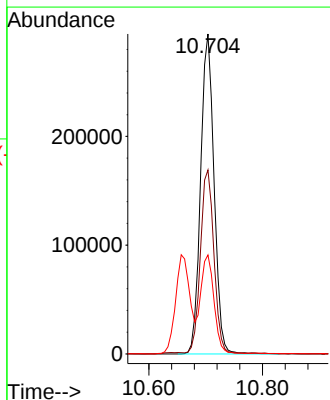
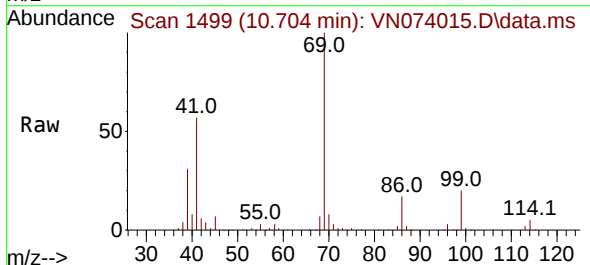
Manual Integrations
APPROVED

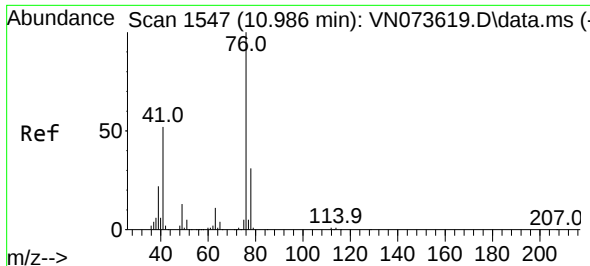
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#56
Ethyl methacrylate
Concen: 57.982 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

Tgt Ion:	69	Resp:	483506
Ion	Ratio	Lower	Upper
69	100		
41	57.4	47.8	71.6
39	30.7	27.3	40.9





#57

1,3-Dichloropropane

Concen: 53.306 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN074015.D

Acq: 18 Aug 2022 19:29

Instrument :

MSVOA_N

ClientSampleId :

MW-106DMSD

Tgt Ion: 76 Resp: 506738

Ion Ratio Lower Upper

76 100

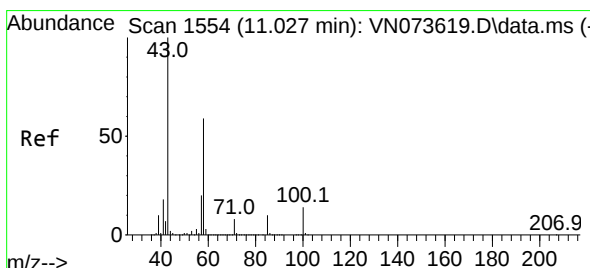
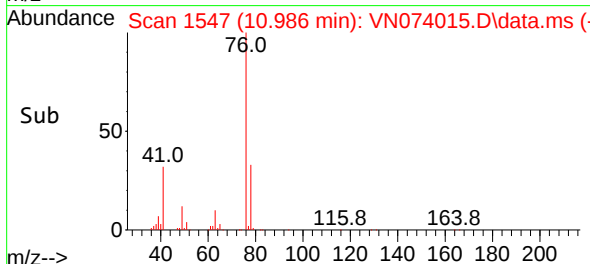
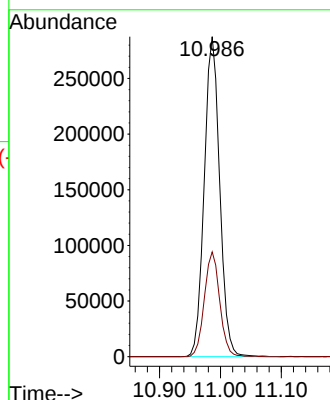
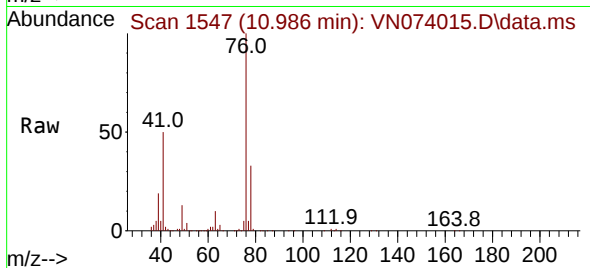
78 32.6 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#59

2-Hexanone

Concen: 309.341 ug/l

RT: 11.028 min Scan# 1554

Delta R.T. 0.001 min

Lab File: VN074015.D

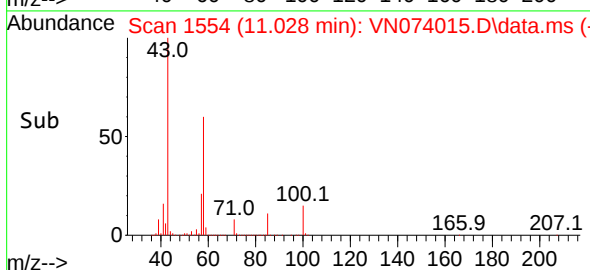
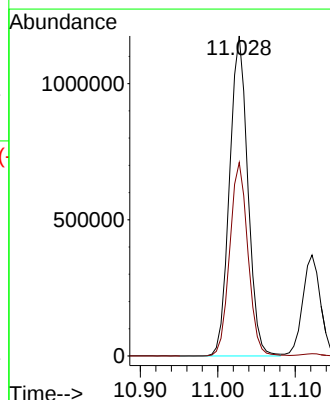
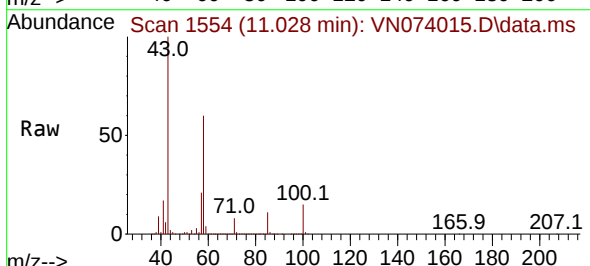
Acq: 18 Aug 2022 19:29

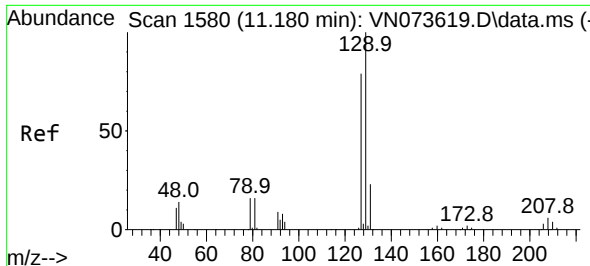
Tgt Ion: 43 Resp: 1929262

Ion Ratio Lower Upper

43 100

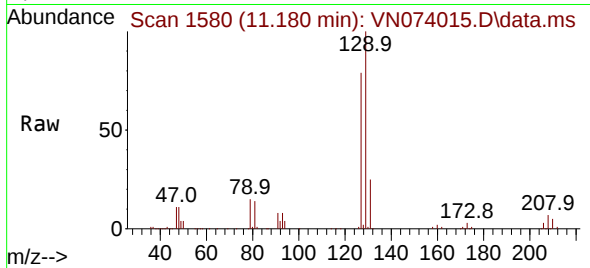
58 60.3 29.7 89.1





#60
Dibromochloromethane
Concen: 52.250 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

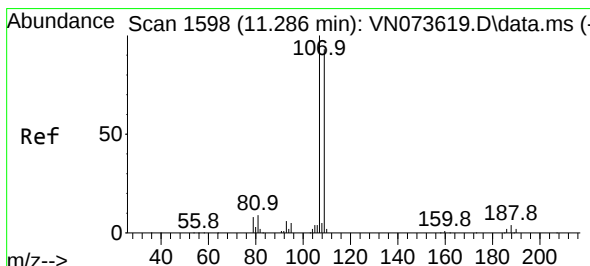
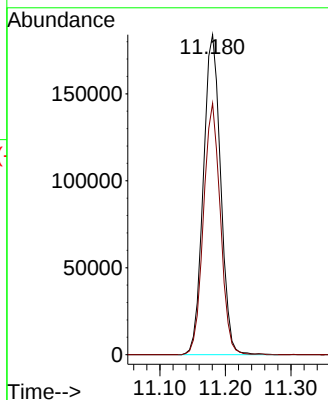
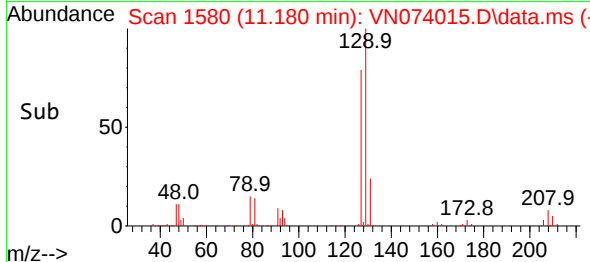
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMSD



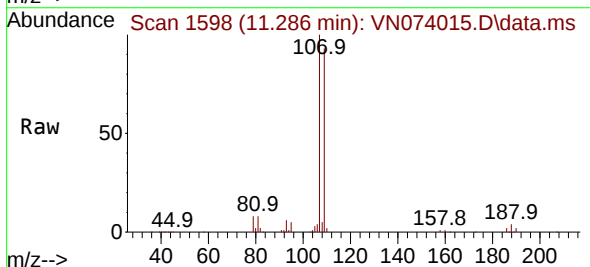
Tgt Ion:129 Resp: 337832
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.4

Manual Integrations
APPROVED

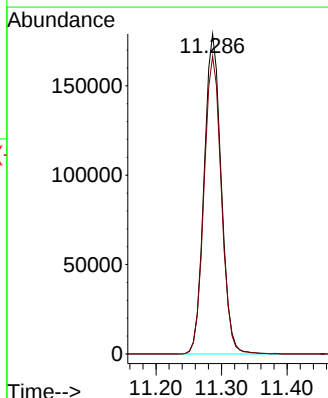
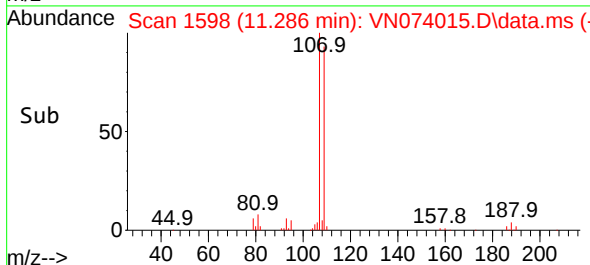
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

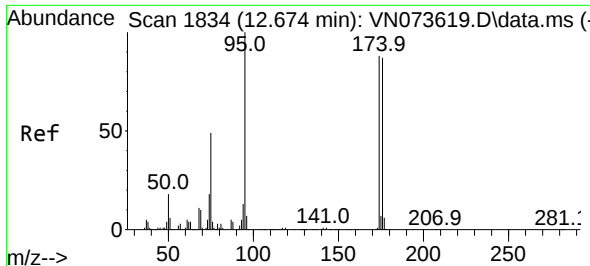


#61
1,2-Dibromoethane
Concen: 51.903 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29



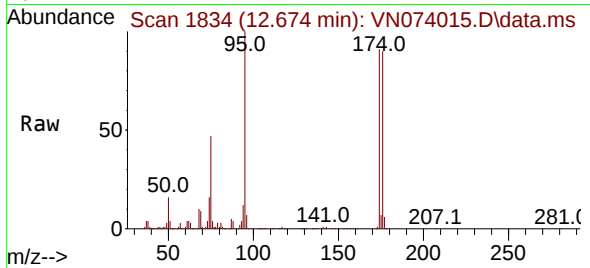
Tgt Ion:107 Resp: 324575
Ion Ratio Lower Upper
107 100
109 94.3 75.0 112.6





#62
4-Bromofluorobenzene
Concen: 55.855 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

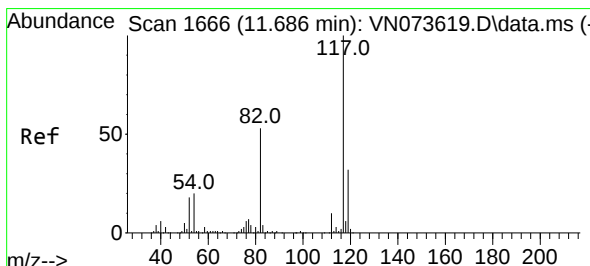
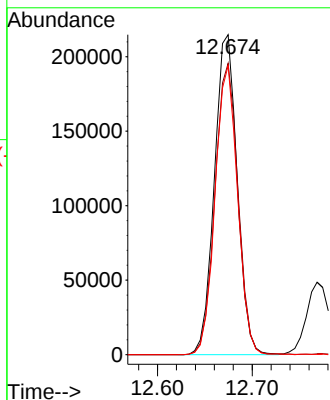
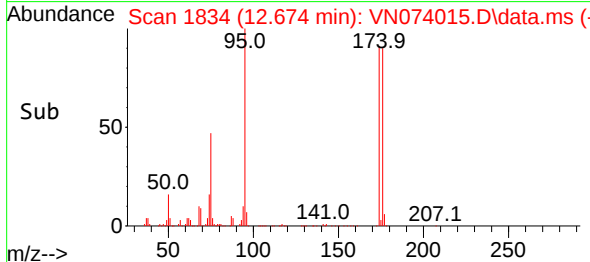
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMSD



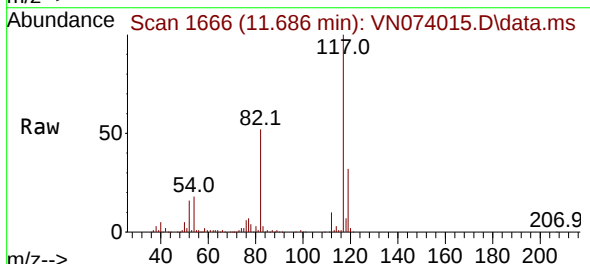
Tgt Ion: 95 Resp: 358960
Ion Ratio Lower Upper
95 100
174 92.2 0.0 167.6
176 88.8 0.0 163.4

Manual Integrations
APPROVED

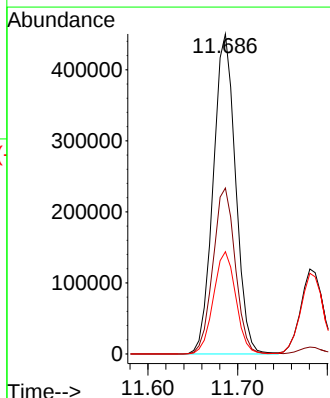
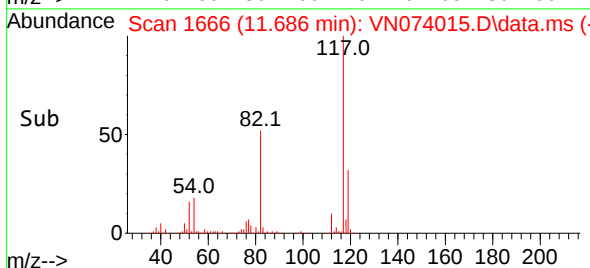
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

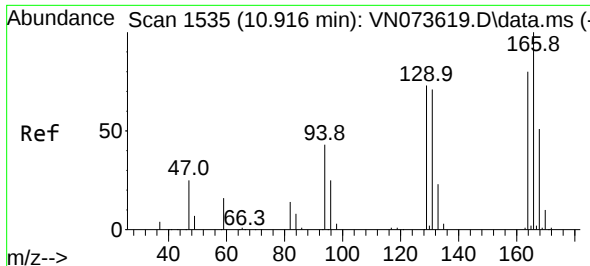


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29



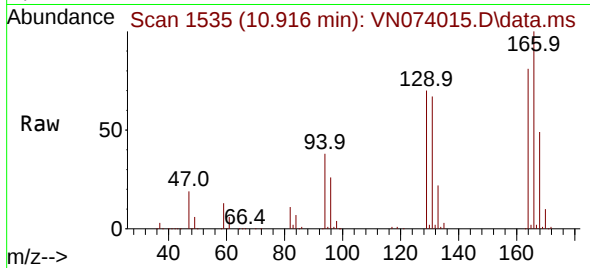
Tgt Ion:117 Resp: 778139
Ion Ratio Lower Upper
117 100
82 51.8 44.2 66.2
119 31.9 25.4 38.0





#64
Tetrachloroethene
Concen: 42.778 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

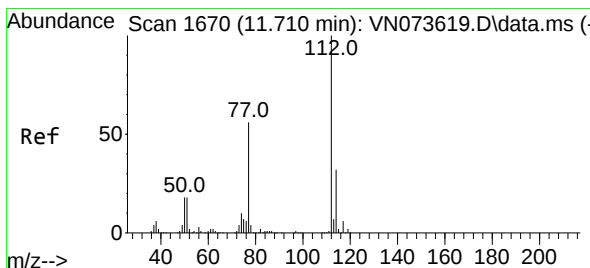
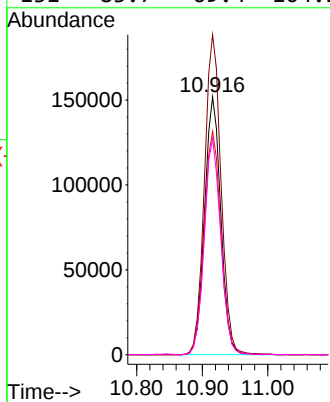
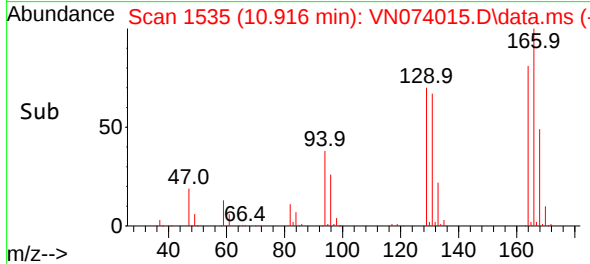
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMSD



Tgt Ion:164 Resp: 262730
Ion Ratio Lower Upper
164 100
166 124.1 104.2 156.2
129 86.6 73.9 110.9
131 83.7 69.4 104.2

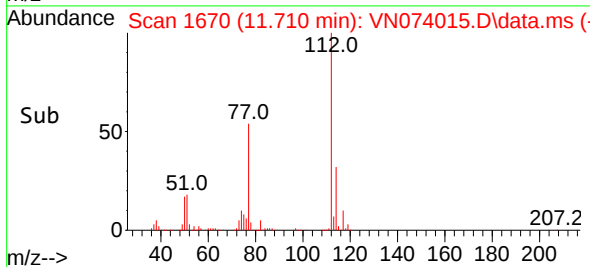
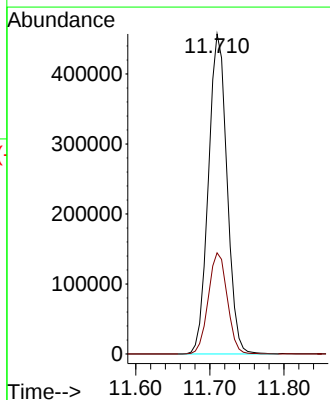
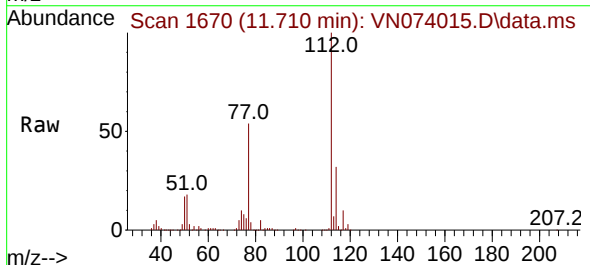
Manual Integrations
APPROVED

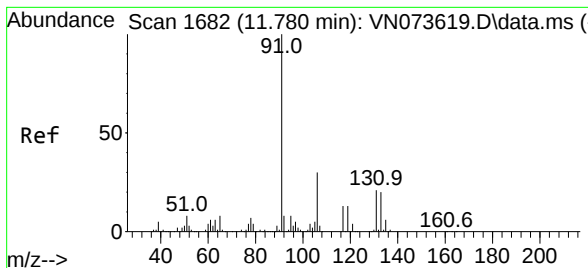
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#65
Chlorobenzene
Concen: 48.193 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

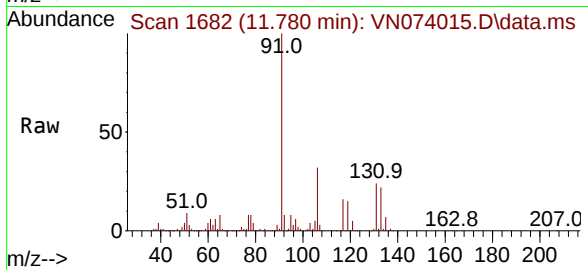
Tgt Ion:112 Resp: 796985
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2





#66
1,1,1,2-Tetrachloroethane
Concen: 49.501 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

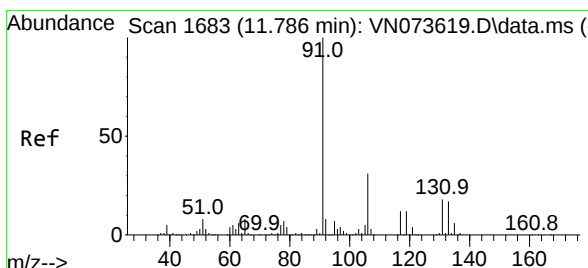
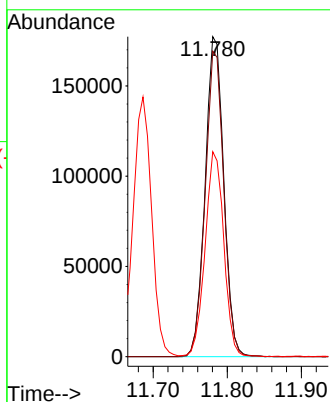
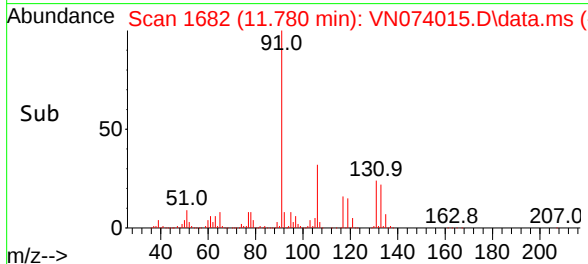
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMSD



Tgt Ion:131 Resp: 309992
Ion Ratio Lower Upper
131 100
133 94.9 47.8 143.4
119 64.4 33.4 100.2

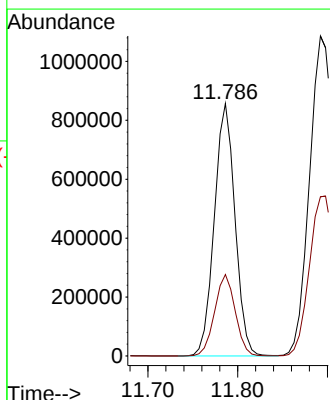
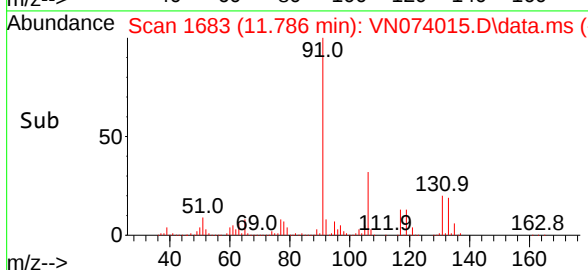
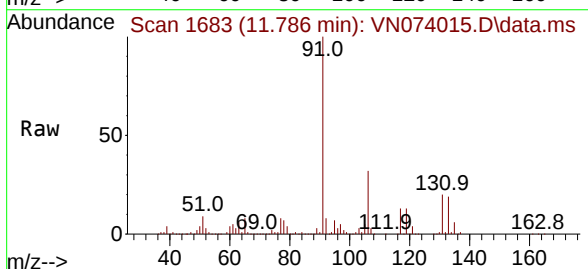
Manual Integrations
APPROVED

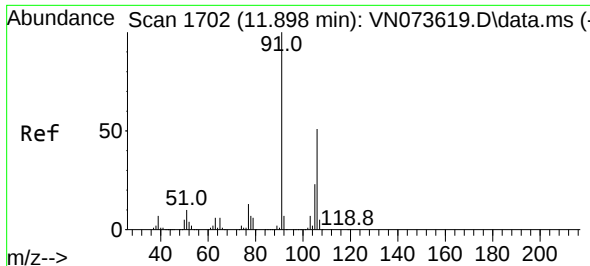
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#67
Ethyl Benzene
Concen: 49.869 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

Tgt Ion: 91 Resp: 1371512
Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3





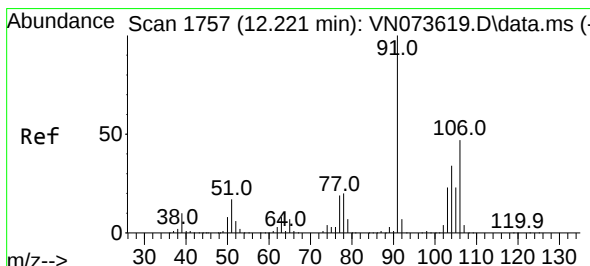
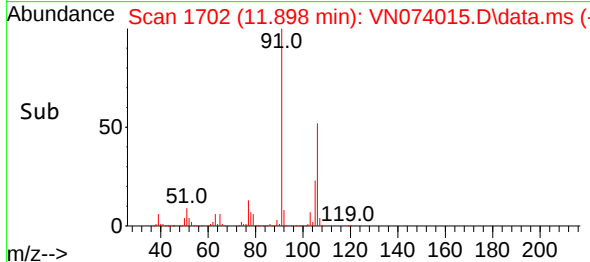
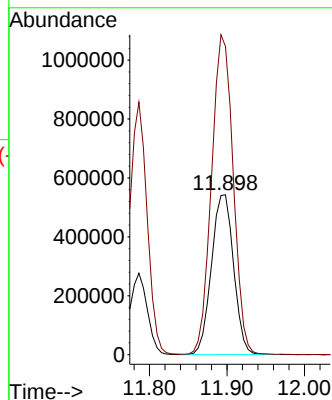
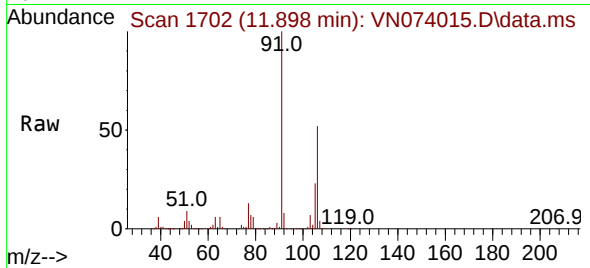
#68
m/p-Xylenes
Concen: 96.285 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

Instrument :
MSVOA_N
ClientSampleId :
MW-106DMSD

Tgt Ion:106 Resp: 107593
Ion Ratio Lower Upper
106 100
91 196.3 158.9 238.3

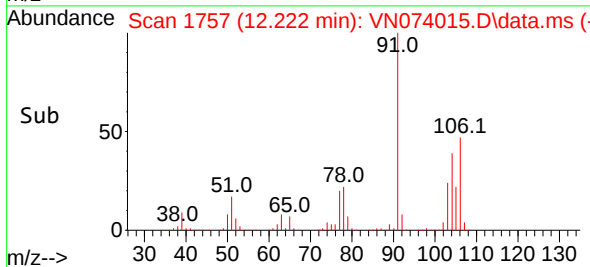
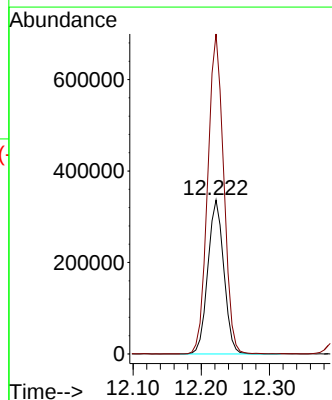
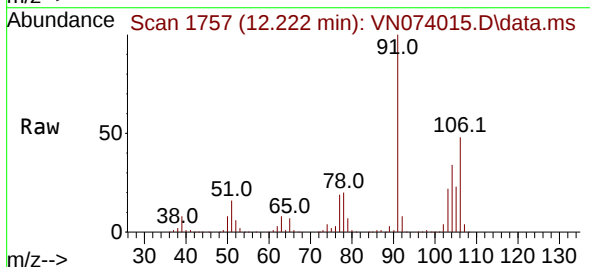
Manual Integrations
APPROVED

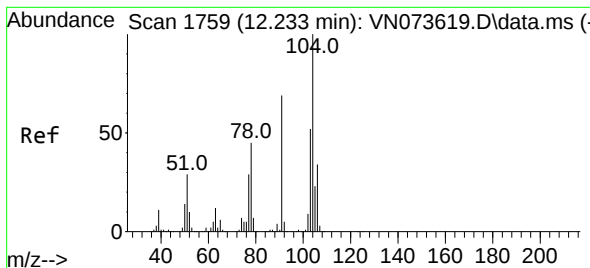
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#69
o-Xylene
Concen: 48.941 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.001 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

Tgt Ion:106 Resp: 548421
Ion Ratio Lower Upper
106 100
91 208.3 106.0 318.0





#70

Styrene

Concen: 50.386 ug/l

RT: 12.233 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN074015.D

Acq: 18 Aug 2022 19:29

Instrument :

MSVOA_N

ClientSampleId :

MW-106DMSD

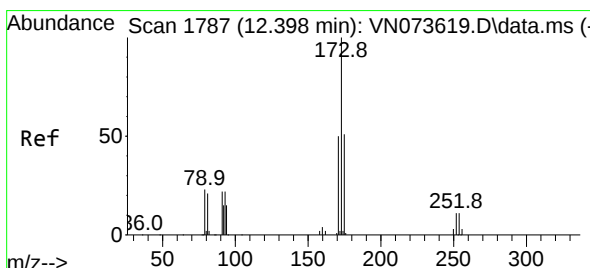
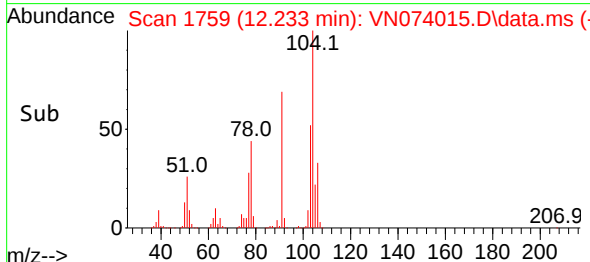
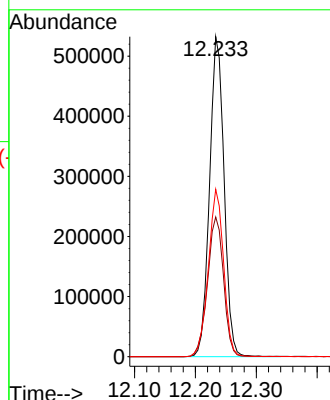
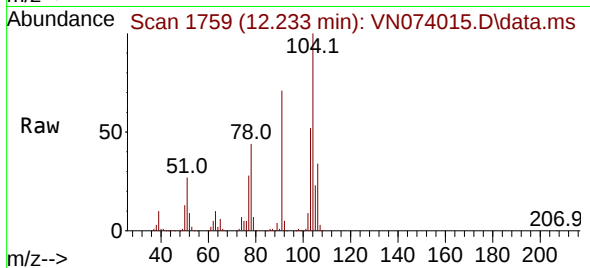
Tgt Ion:104 Resp: 883940
 Ion Ratio Lower Upper
 104 100
 78 48.0 39.5 59.3
 103 55.1 44.0 66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#71

Bromoform

Concen: 49.536 ug/l

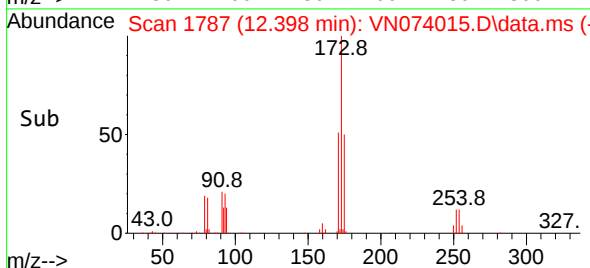
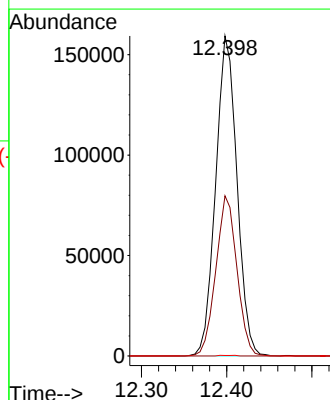
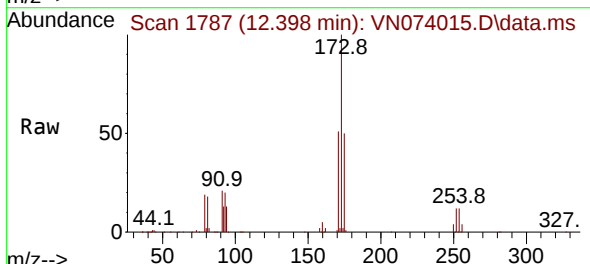
RT: 12.398 min Scan# 1787

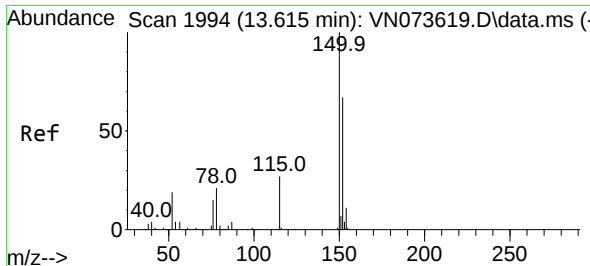
Delta R.T. 0.000 min

Lab File: VN074015.D

Acq: 18 Aug 2022 19:29

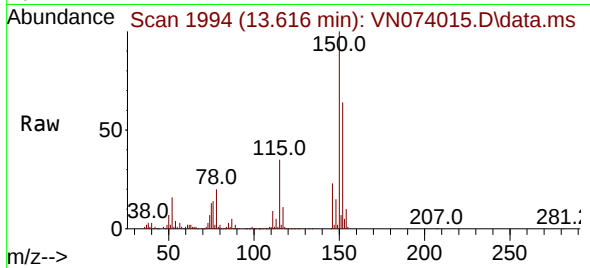
Tgt Ion:173 Resp: 276962
 Ion Ratio Lower Upper
 173 100
 175 49.5 24.6 73.6
 254 0.1 0.1 0.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

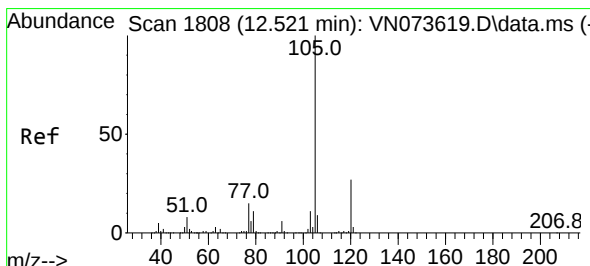
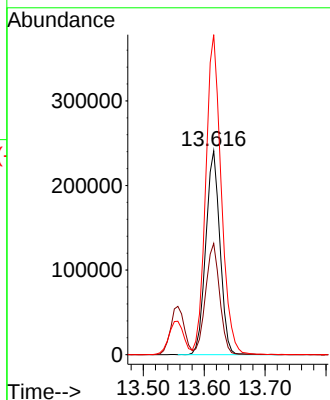
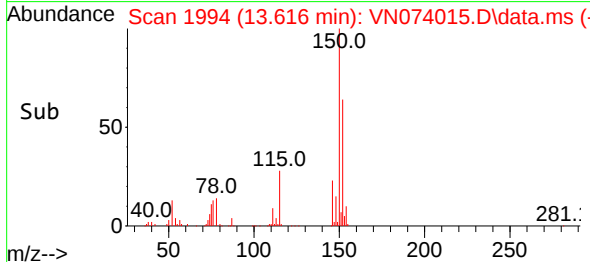
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMSD



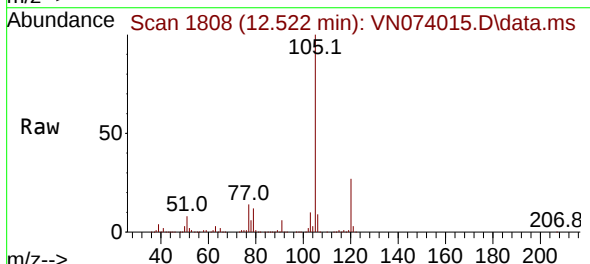
Tgt Ion:152 Resp: 389040
Ion Ratio Lower Upper
152 100
115 54.4 28.9 86.7
150 171.5 0.0 356.2

Manual Integrations
APPROVED

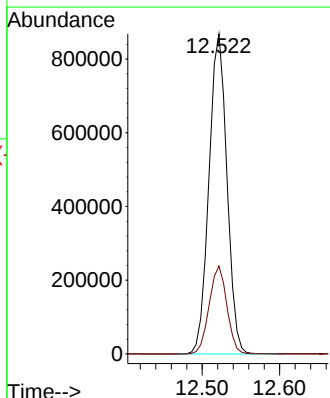
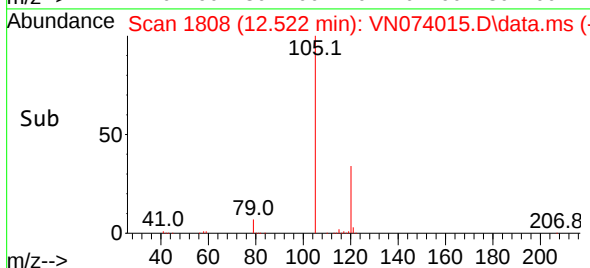
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

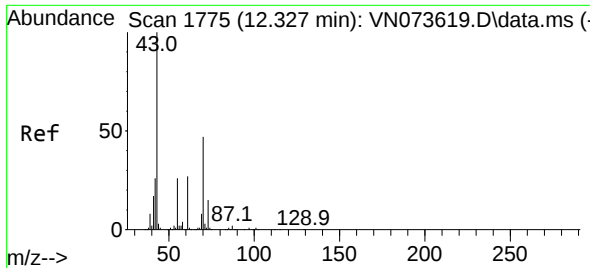


#73
Isopropylbenzene
Concen: 49.408 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.001 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29



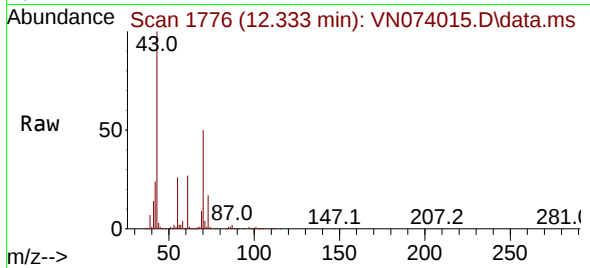
Tgt Ion:105 Resp: 1399658
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4





#74
N-amy1 acetate
Concen: 51.129 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

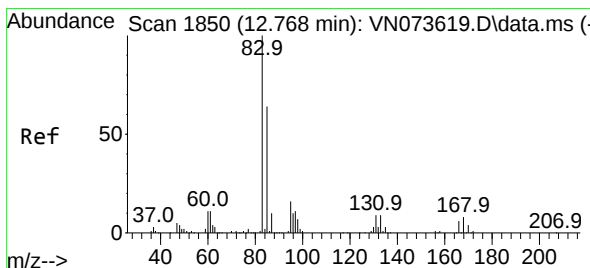
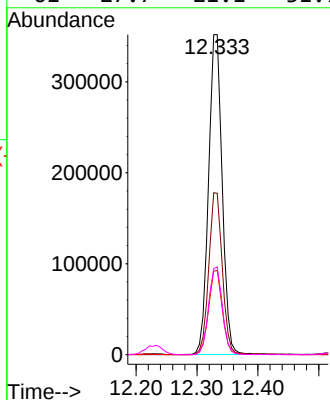
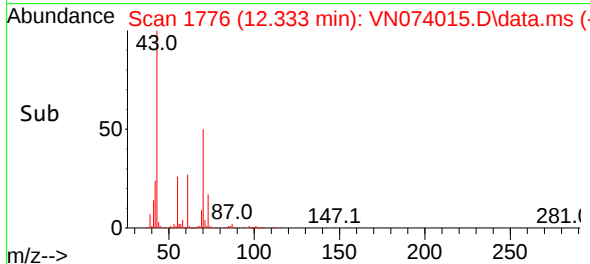
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMSD



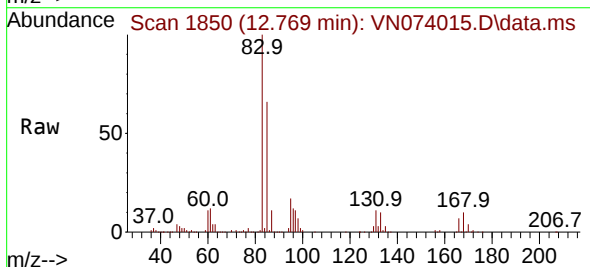
Tgt Ion: 43 Resp: 547564
Ion Ratio Lower Upper
43 100
70 50.1 39.0 58.4
55 26.6 21.1 31.7
61 27.7 21.1 31.7

Manual Integrations
APPROVED

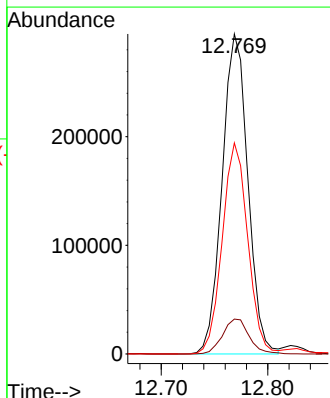
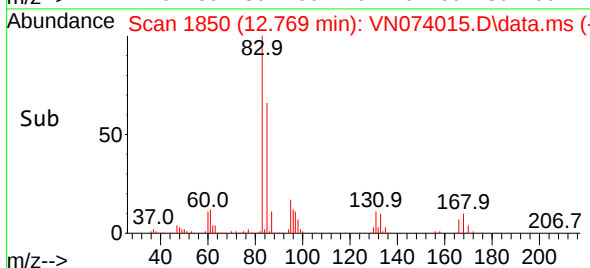
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

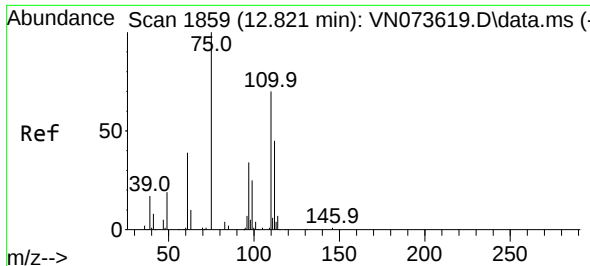


#75
1,1,2,2-Tetrachloroethane
Concen: 51.977 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.001 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29



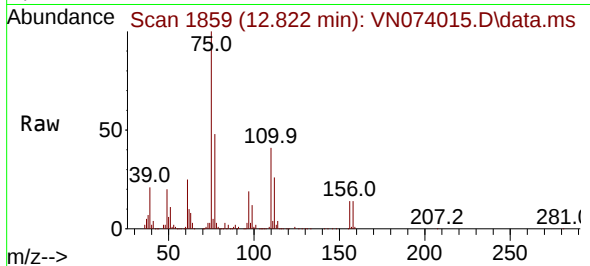
Tgt Ion: 83 Resp: 494107
Ion Ratio Lower Upper
83 100
131 11.3 5.3 15.9
85 65.3 32.3 96.9





#76
1,2,3-Trichloropropane
Concen: 53.310 ug/l m
RT: 12.822 min Scan# 1859
Delta R.T. 0.001 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

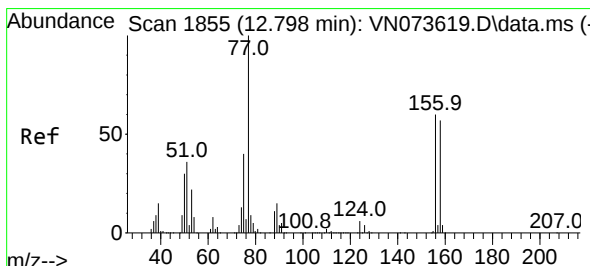
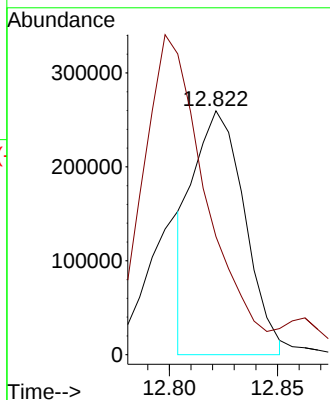
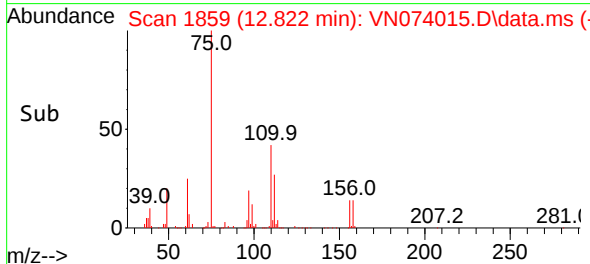
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMSD



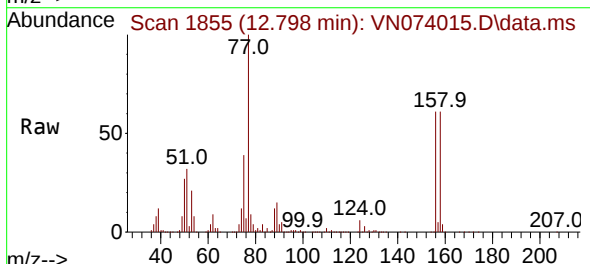
Tgt Ion: 75 Resp: 431074
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5

Manual Integrations
APPROVED

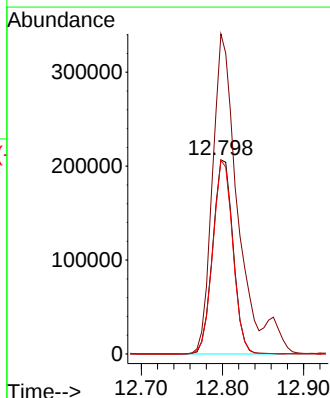
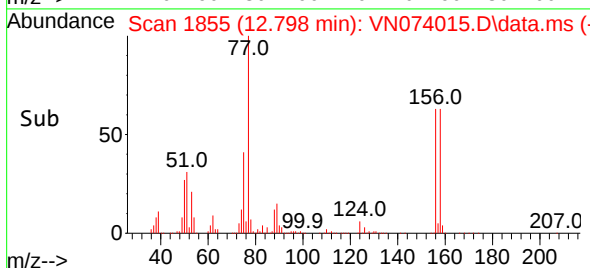
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

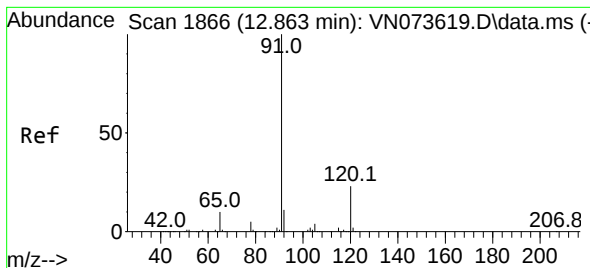


#77
Bromobenzene
Concen: 47.028 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29



Tgt Ion:156 Resp: 360605
Ion Ratio Lower Upper
156 100
77 192.8 100.5 301.5
158 98.2 48.9 146.6





#78

n-propylbenzene

Concen: 50.096 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. -0.000 min

Lab File: VN074015.D

Acq: 18 Aug 2022 19:29

Instrument :

MSVOA_N

ClientSampleId :

MW-106DMSD

Tgt Ion: 91 Resp: 151275

Ion Ratio Lower Upper

91 100

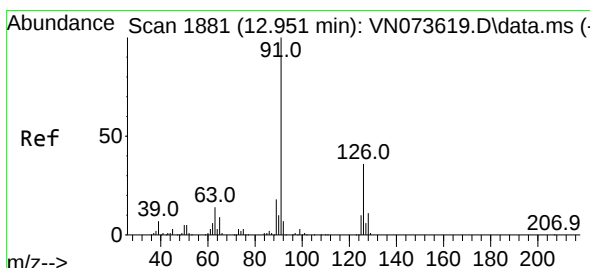
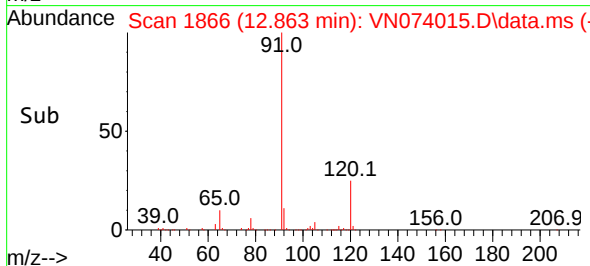
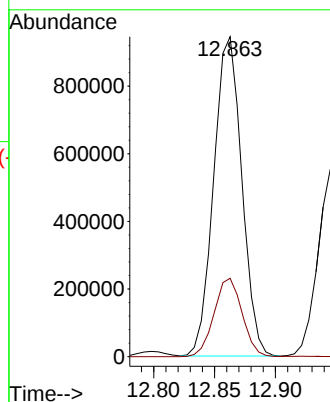
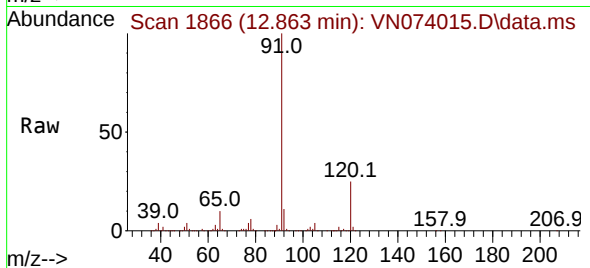
120 24.5 11.9 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#79

2-Chlorotoluene

Concen: 50.223 ug/l

RT: 12.945 min Scan# 1880

Delta R.T. -0.006 min

Lab File: VN074015.D

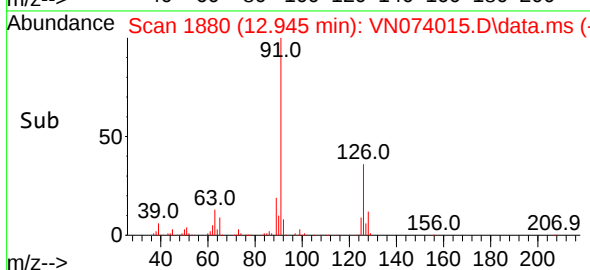
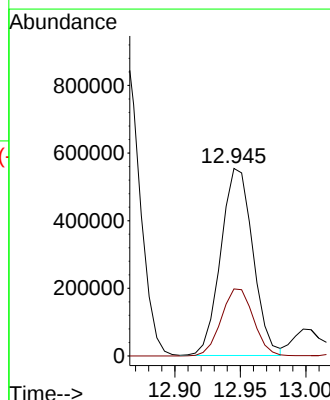
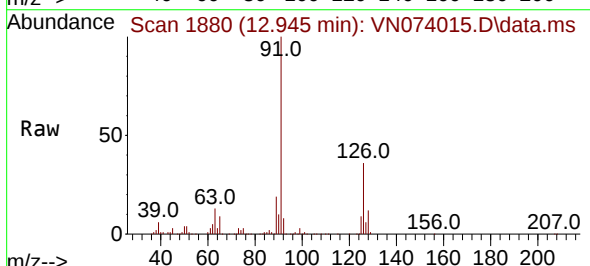
Acq: 18 Aug 2022 19:29

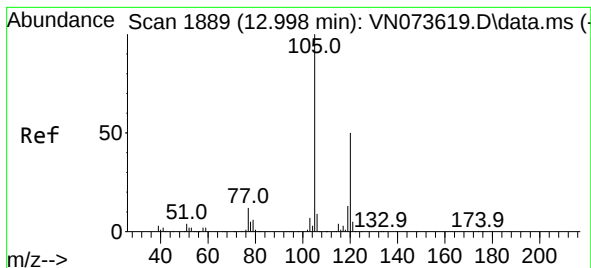
Tgt Ion: 91 Resp: 945100

Ion Ratio Lower Upper

91 100

126 35.8 17.3 51.9





#80

1,3,5-Trimethylbenzene

Concen: 50.524 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN074015.D

Acq: 18 Aug 2022 19:29

Instrument :

MSVOA_N

ClientSampleId :

MW-106DMSD

Tgt Ion:105 Resp: 116417

Ion Ratio Lower Upper

105 100

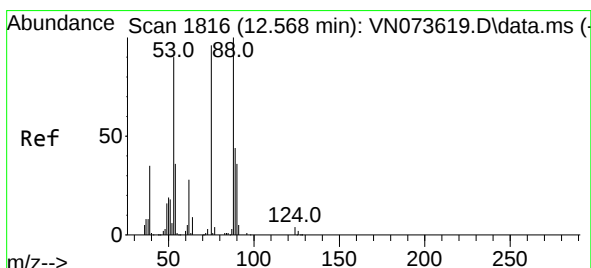
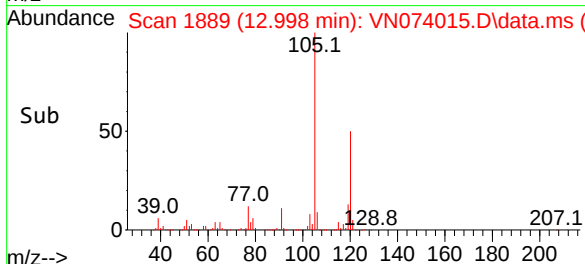
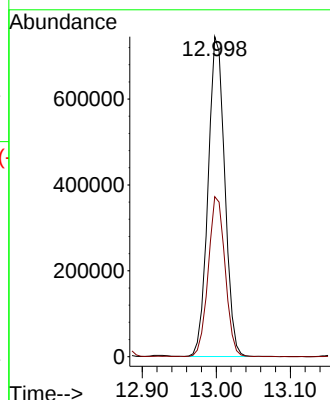
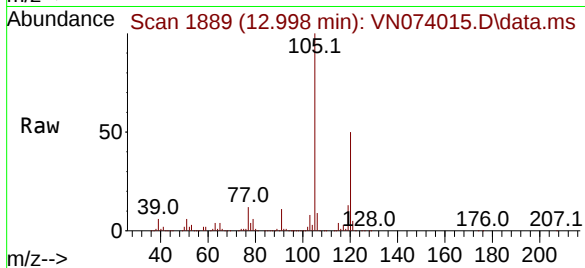
120 50.8 24.9 74.7

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: 50.314 ug/l

RT: 12.569 min Scan# 1816

Delta R.T. 0.001 min

Lab File: VN074015.D

Acq: 18 Aug 2022 19:29

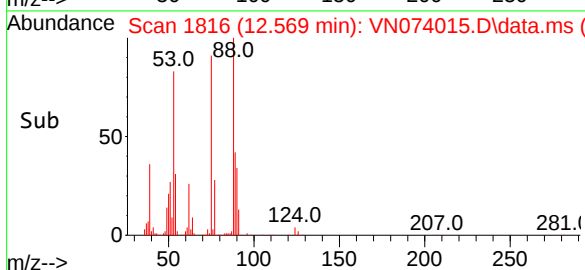
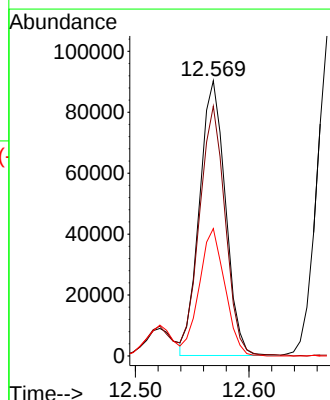
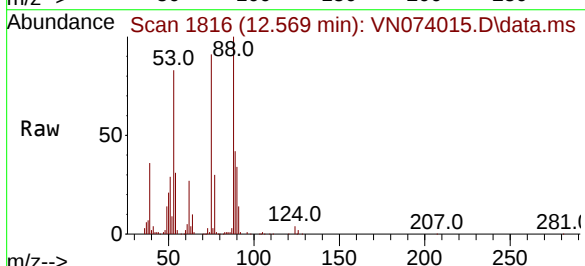
Tgt Ion: 75 Resp: 143045

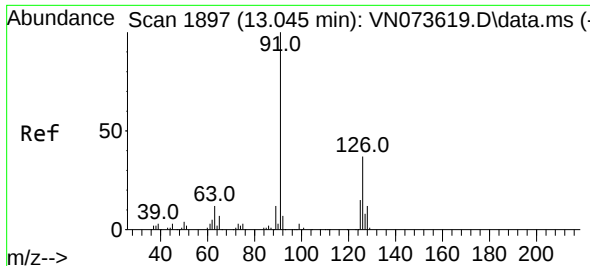
Ion Ratio Lower Upper

75 100

53 90.6 78.0 117.0

89 46.2 37.2 55.8





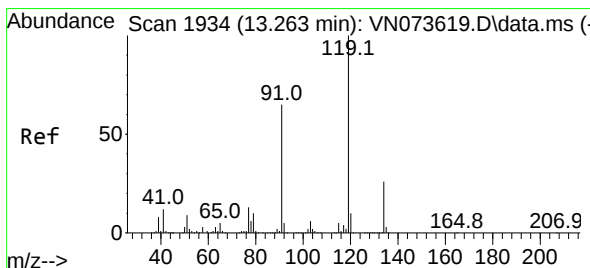
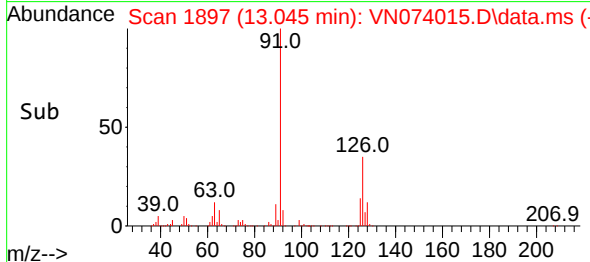
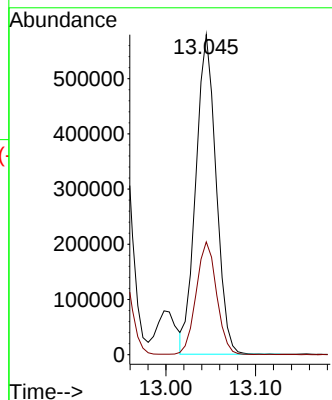
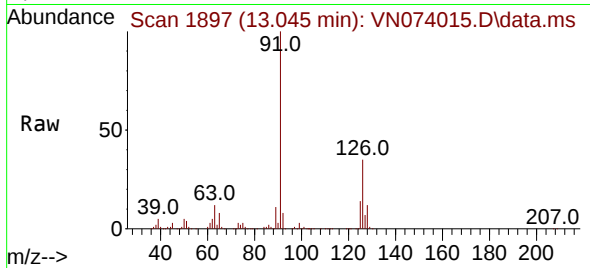
#82
4-Chlorotoluene
Concen: 50.744 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

Instrument :
MSVOA_N
ClientSampleId :
MW-106DMSD

Tgt Ion: 91 Resp: 90694
Ion Ratio Lower Upper
91 100
126 35.7 17.2 51.6

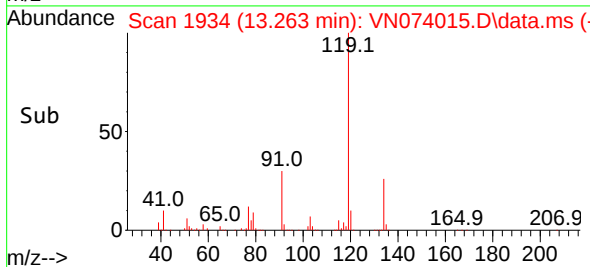
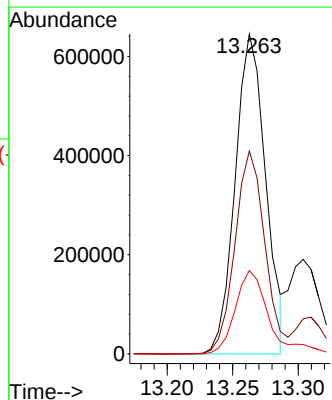
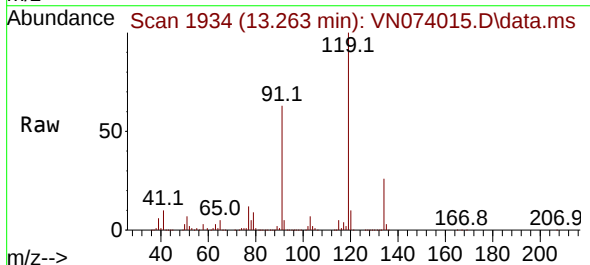
Manual Integrations
APPROVED

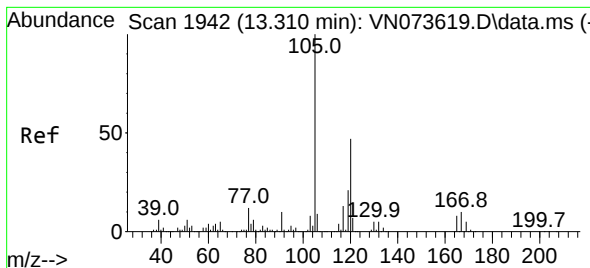
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#83
tert-Butylbenzene
Concen: 49.235 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

Tgt Ion:119 Resp: 1043967
Ion Ratio Lower Upper
119 100
91 62.6 31.6 94.8
134 28.7 13.7 41.1





#84

1,2,4-Trimethylbenzene

Concen: 50.795 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. -0.000 min

Lab File: VN074015.D

Acq: 18 Aug 2022 19:29

Instrument :

MSVOA_N

ClientSampleId :

MW-106DMSD

Tgt Ion:105 Resp: 116880

Ion Ratio Lower Upper

105 100

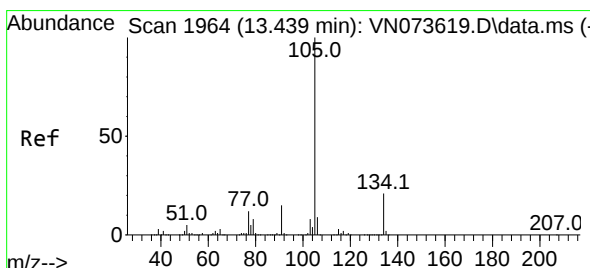
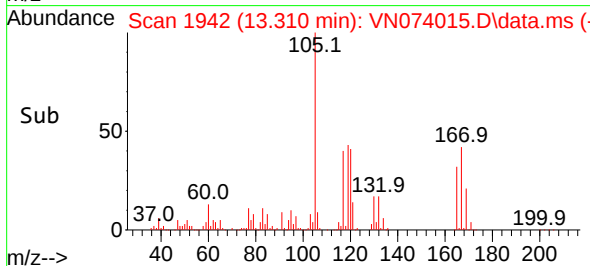
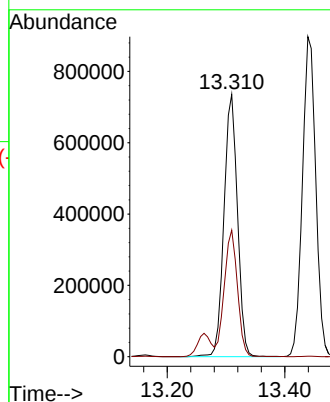
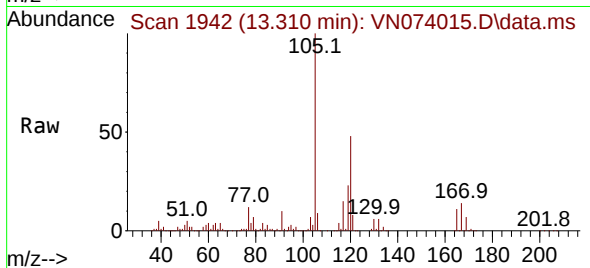
120 47.0 23.3 69.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#85

sec-Butylbenzene

Concen: 51.476 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN074015.D

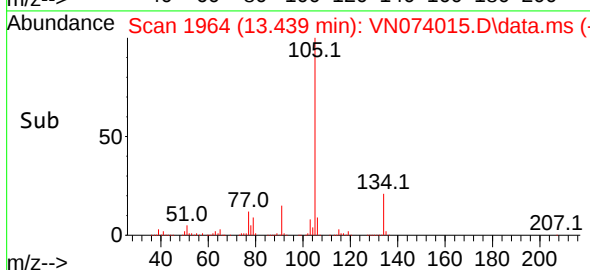
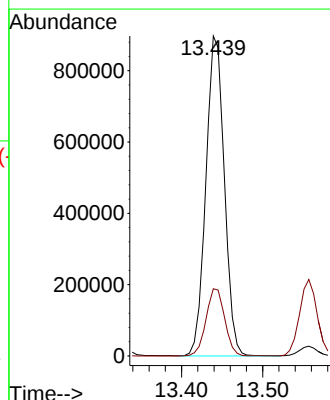
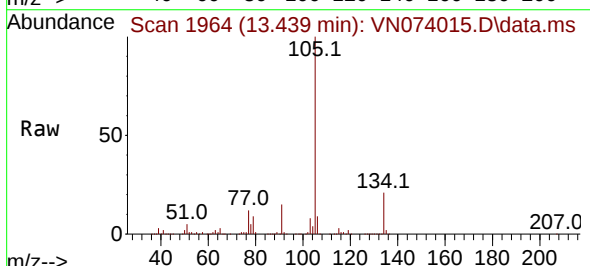
Acq: 18 Aug 2022 19:29

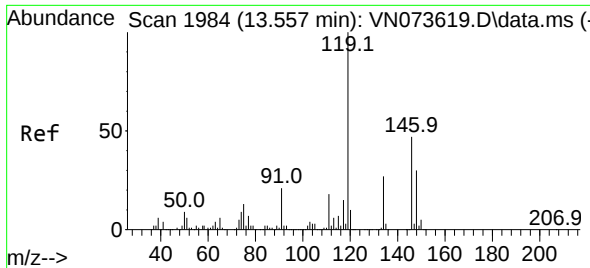
Tgt Ion:105 Resp: 1414826

Ion Ratio Lower Upper

105 100

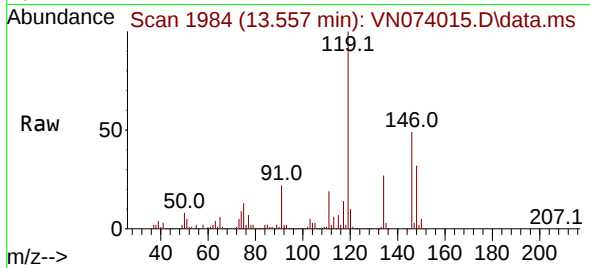
134 21.3 10.4 31.1





#86
p-Isopropyltoluene
Concen: 51.838 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

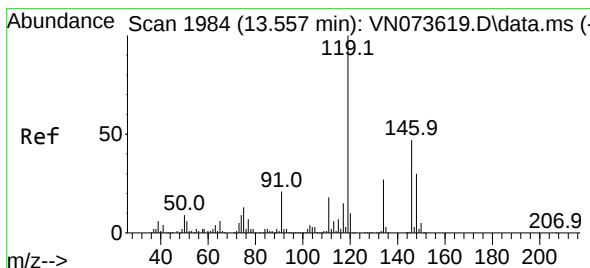
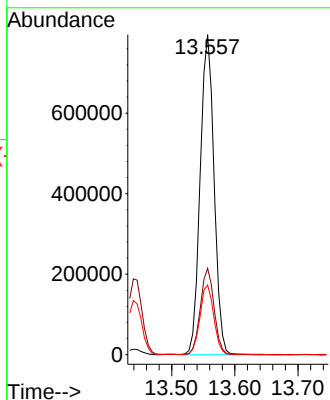
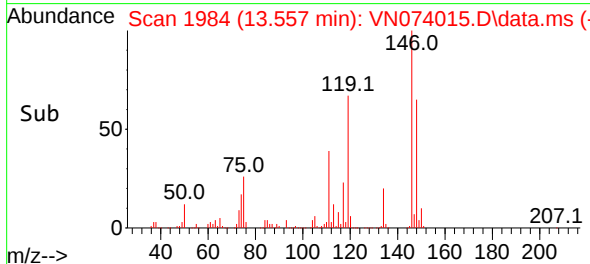
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMSD



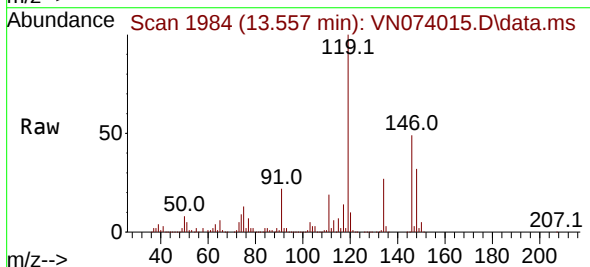
Tgt Ion:119 Resp: 1213799
Ion Ratio Lower Upper
119 100
134 26.7 13.3 39.8
91 21.5 11.3 33.9

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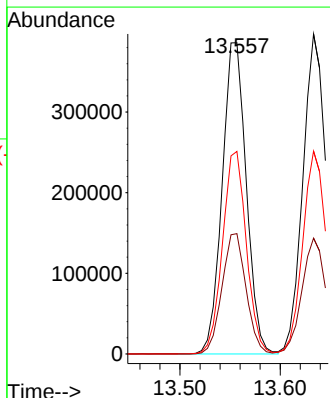
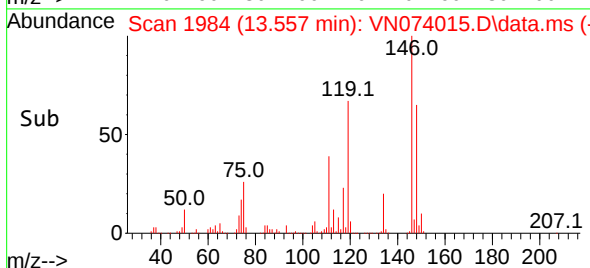
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

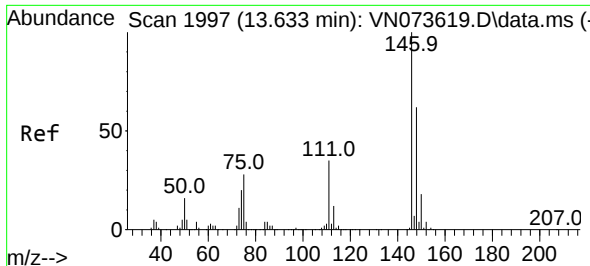


#87
1,3-Dichlorobenzene
Concen: 48.637 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29



Tgt Ion:146 Resp: 646758
Ion Ratio Lower Upper
146 100
111 38.5 20.0 60.0
148 64.2 32.0 96.0





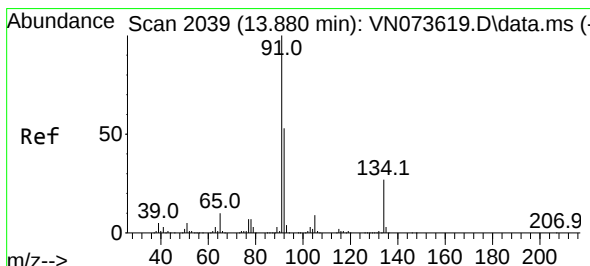
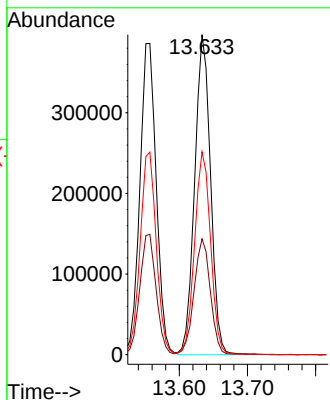
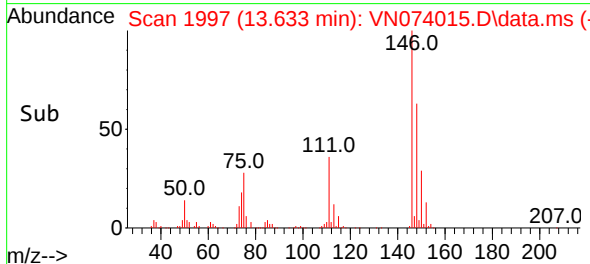
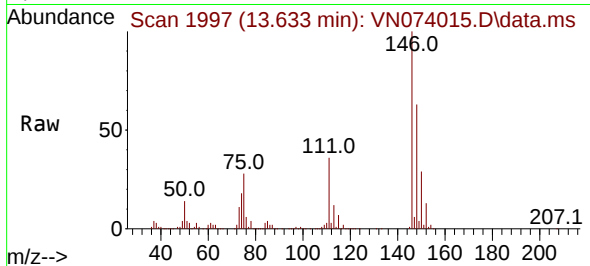
#88
1,4-Dichlorobenzene
Concen: 47.505 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

Instrument :
MSVOA_N
ClientSampleId :
MW-106DMSD

Tgt Ion:146 Resp: 64019
Ion Ratio Lower Upper
146 100
111 37.4 19.1 57.1
148 63.9 31.4 94.3

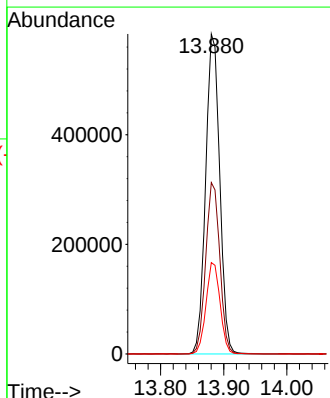
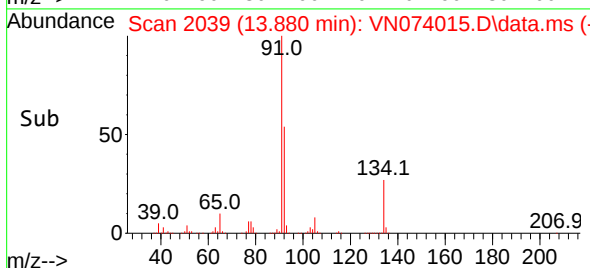
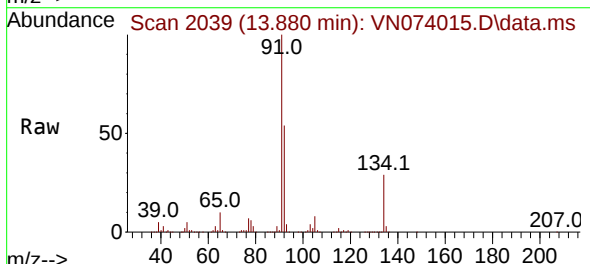
Manual Integrations
APPROVED

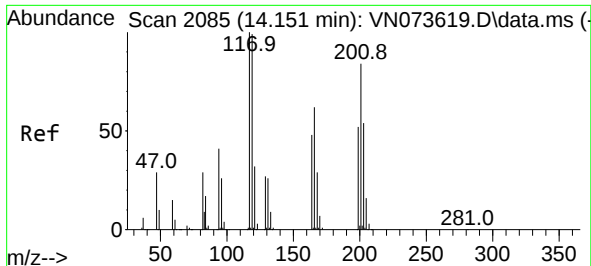
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#89
n-Butylbenzene
Concen: 48.688 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

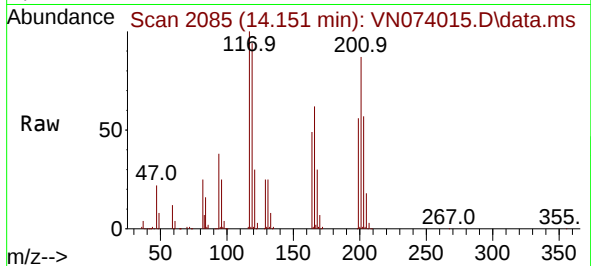
Tgt Ion: 91 Resp: 902985
Ion Ratio Lower Upper
91 100
92 53.7 26.9 80.7
134 28.5 13.6 40.8





#90
Hexachloroethane
Concen: 50.588 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

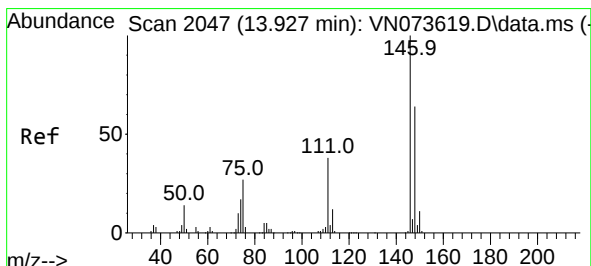
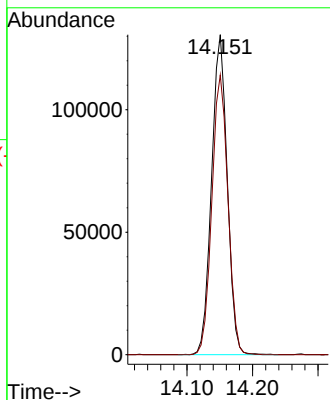
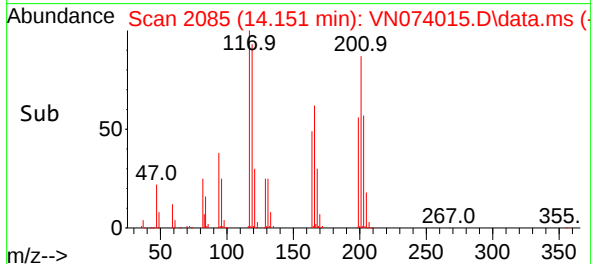
Instrument :
MSVOA_N
ClientSampleId :
MW-106DMSD



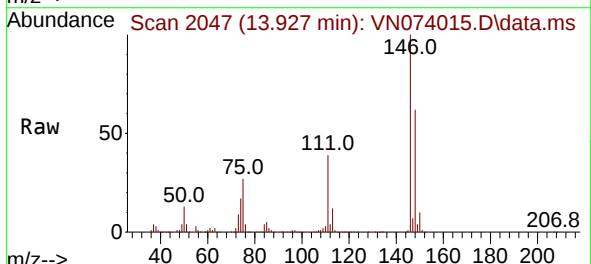
Tgt Ion:117 Resp: 216520
Ion Ratio Lower Upper
117 100
201 89.6 40.6 122.0

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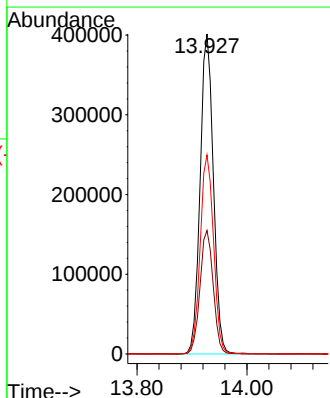
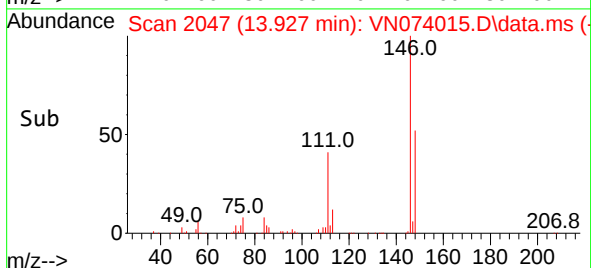
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

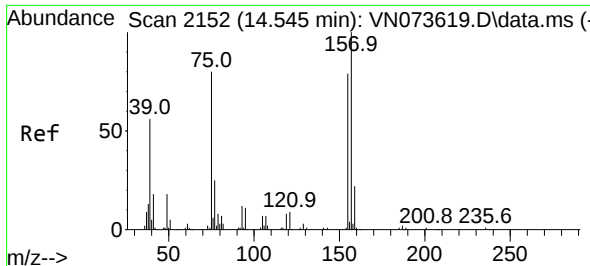


#91
1,2-Dichlorobenzene
Concen: 48.809 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29



Tgt Ion:146 Resp: 670243
Ion Ratio Lower Upper
146 100
111 38.6 20.9 62.8
148 62.9 32.1 96.3





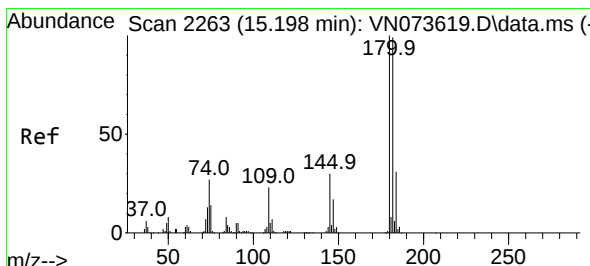
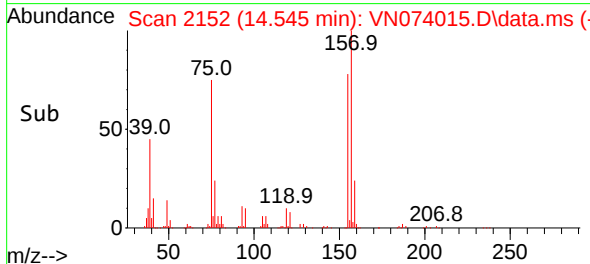
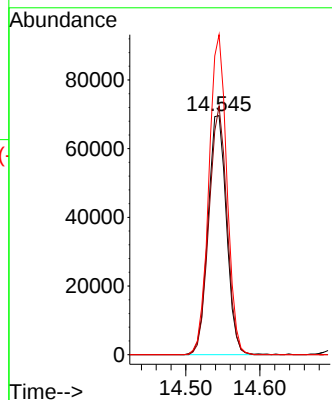
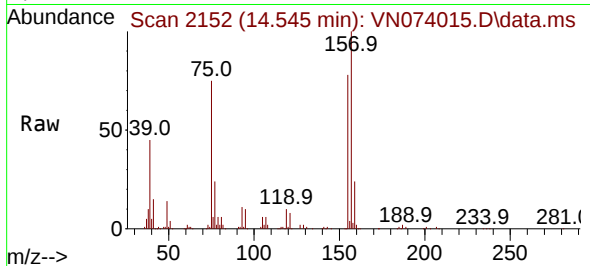
#92
1,2-Dibromo-3-Chloropropane
Concen: 53.890 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

Instrument :
MSVOA_N
ClientSampleId :
MW-106DMSD

Tgt Ion: 75 Resp: 120960
Ion Ratio Lower Upper
75 100
155 100.0 44.9 134.5
157 129.4 59.0 176.8

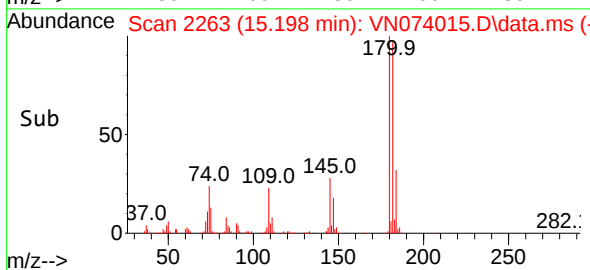
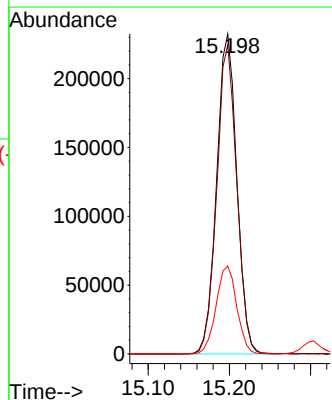
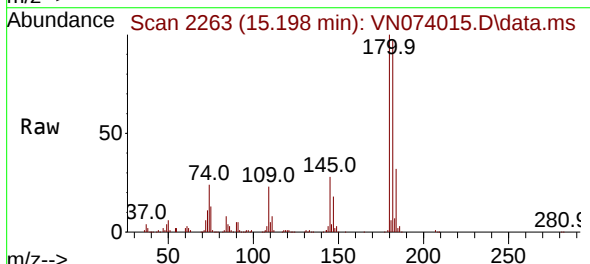
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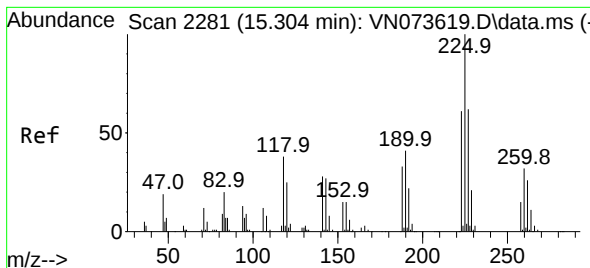
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#93
1,2,4-Trichlorobenzene
Concen: 47.967 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VN074015.D
Acq: 18 Aug 2022 19:29

Tgt Ion:180 Resp: 400892
Ion Ratio Lower Upper
180 100
182 96.1 47.5 142.5
145 28.2 14.5 43.5





#94

Hexachlorobutadiene

Concen: 44.149 ug/l

RT: 15.304 min Scan# 2281

Delta R.T. -0.000 min

Lab File: VN074015.D

Acq: 18 Aug 2022 19:29

Instrument :

MSVOA_N

ClientSampleId :

MW-106DMSD

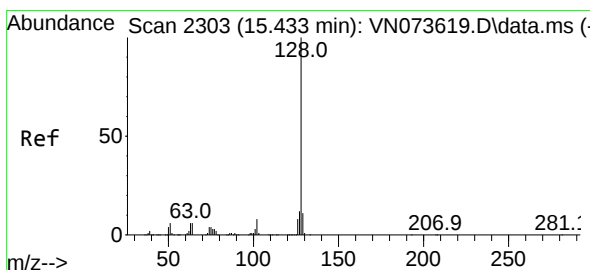
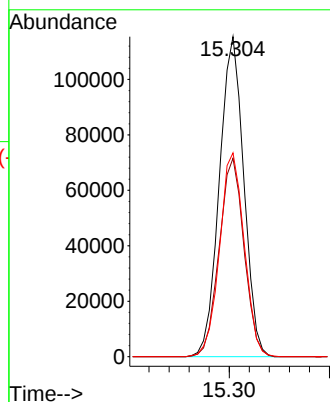
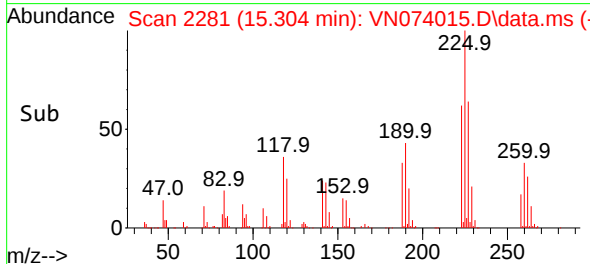
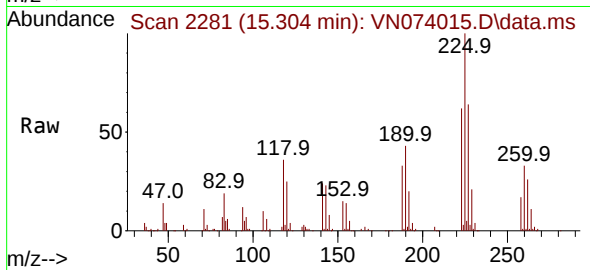
Tgt Ion:	225	Resp:	19450
Ion Ratio	Lower	Upper	
225	100		
223	63.0	32.4	97.2
227	64.3	31.8	95.4

Manual Integrations

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Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#95

Naphthalene

Concen: 53.393 ug/l

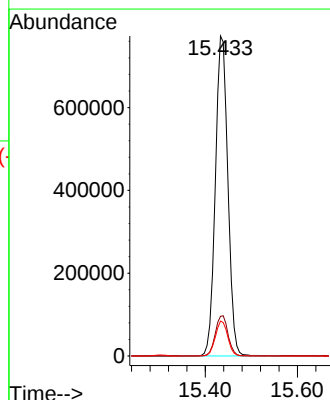
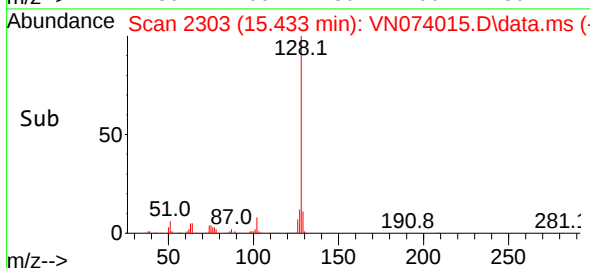
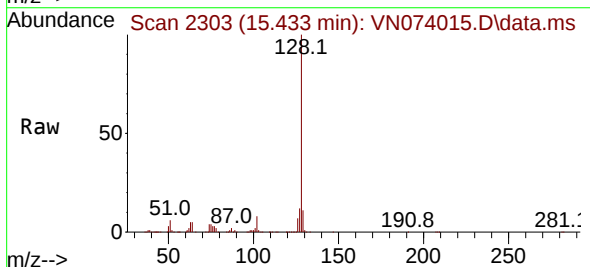
RT: 15.433 min Scan# 2303

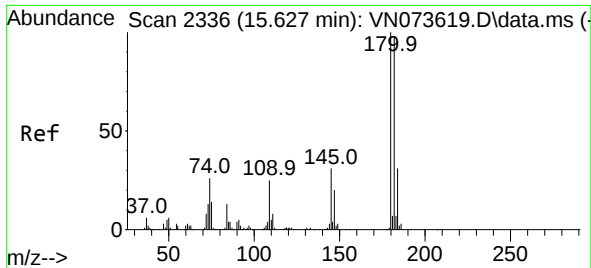
Delta R.T. 0.000 min

Lab File: VN074015.D

Acq: 18 Aug 2022 19:29

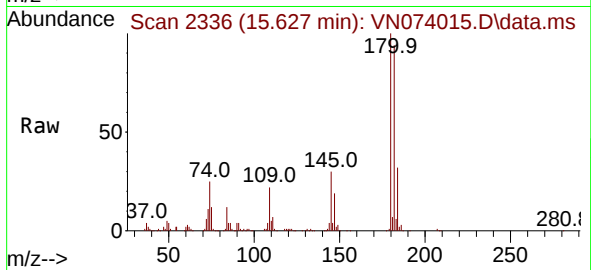
Tgt Ion:	128	Resp:	1454800
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	10.8	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 48.607 ug/l
 RT: 15.627 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN074015.D
 Acq: 18 Aug 2022 19:29

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-106DMSD



Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.8	143.3
145	30.4	15.5	46.5

Manual Integrations
 APPROVED

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

