

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091222\
 Data File : VN074411.D
 Acq On : 12 Sep 2022 14:10
 Operator : JC\MD
 Sample : VN0912WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

Quant Time: Sep 13 05:54:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	239397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	439483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	395874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	188096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	225468	54.436	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.880%			
35) Dibromofluoromethane	7.951	113	161204	54.333	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.660%			
50) Toluene-d8	10.381	98	604524	52.292	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.580%			
62) 4-Bromofluorobenzene	12.675	95	213069	50.764	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.520%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	62615	20.182	ug/l	94
3) Chloromethane	2.263	50	89866	23.426	ug/l	94
4) Vinyl Chloride	2.405	62	119141	22.986	ug/l	96
5) Bromomethane	2.793	94	84379	23.297	ug/l	100
6) Chloroethane	2.958	64	70433m	19.301	ug/l	
7) Trichlorofluoromethane	3.310	101	106444	20.799	ug/l	95
8) Diethyl Ether	3.769	74	46413	21.493	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.140	101	64107	20.903	ug/l	98
10) Methyl Iodide	4.346	142	73334	20.685	ug/l	96
11) Tert butyl alcohol	5.287	59	122773	113.324	ug/l	100
12) 1,1-Dichloroethene	4.116	96	56373	18.890	ug/l	95
13) Acrolein	3.975	56	65916	91.596	ug/l	99
14) Allyl chloride	4.763	41	128982	19.704	ug/l	97
15) Acrylonitrile	5.469	53	282821	114.106	ug/l	99
16) Acetone	4.216	43	253724	113.467	ug/l	98
17) Carbon Disulfide	4.452	76	160277	19.761	ug/l	96
18) Methyl Acetate	4.775	43	141404	21.451	ug/l	97
19) Methyl tert-butyl Ether	5.534	73	251947	20.976	ug/l	99
20) Methylene Chloride	5.010	84	76563	22.508	ug/l	95
21) trans-1,2-Dichloroethene	5.516	96	64064	19.158	ug/l #	88
22) Diisopropyl ether	6.410	45	270331	20.511	ug/l	97
23) Vinyl Acetate	6.346	43	1271928	108.134	ug/l	99
24) 1,1-Dichloroethane	6.304	63	135433	19.998	ug/l	98
25) 2-Butanone	7.257	43	428013	114.027	ug/l	94
26) 2,2-Dichloropropane	7.245	77	105669	17.247	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	78792	19.125	ug/l	98
28) Bromochloromethane	7.587	49	42385	20.349	ug/l	96
29) Tetrahydrofuran	7.610	42	285720	115.150	ug/l	98
30) Chloroform	7.745	83	144147	21.323	ug/l	100
31) Cyclohexane	8.016	56	131376	19.944	ug/l #	92
32) 1,1,1-Trichloroethane	7.940	97	122637	20.222	ug/l	99
36) 1,1-Dichloropropene	8.151	75	98108	20.072	ug/l	98
37) Ethyl Acetate	7.334	43	161144	22.727	ug/l	98
38) Carbon Tetrachloride	8.134	117	106353	21.076	ug/l	89
39) Methylcyclohexane	9.392	83	121475	19.609	ug/l	98
40) Benzene	8.387	78	307639	20.557	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	73140	20.789	ug/l	87
42) 1,2-Dichloroethane	8.463	62	124502	21.761	ug/l	99
43) Isopropyl Acetate	8.492	43	245343	21.158	ug/l	99
44) Trichloroethene	9.151	130	71495	21.309	ug/l	99
45) 1,2-Dichloropropane	9.428	63	82629	20.799	ug/l	93
46) Dibromomethane	9.516	93	57785	21.244	ug/l	99
47) Bromodichloromethane	9.698	83	114701	21.155	ug/l	99
48) Methyl methacrylate	9.498	41	109641	21.455	ug/l	95
49) 1,4-Dioxane	9.504	88	48399	449.421	ug/l	96
51) 4-Methyl-2-Pentanone	10.269	43	874841	115.367	ug/l	98
52) Toluene	10.445	92	196800	21.264	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	124333	20.787	ug/l	91
54) cis-1,3-Dichloropropene	10.128	75	129108	20.248	ug/l	98
55) 1,1,2-Trichloroethane	10.845	97	82398	21.599	ug/l	97
56) Ethyl methacrylate	10.704	69	140777	21.718	ug/l	95
57) 1,3-Dichloropropane	10.986	76	145552	21.828	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.981	63	289785	96.103	ug/l	98
59) 2-Hexanone	11.028	43	674533	115.268	ug/l	96
60) Dibromochloromethane	11.181	129	83925	21.728	ug/l	98
61) 1,2-Dibromoethane	11.286	107	84696	21.580	ug/l	99
64) Tetrachloroethene	10.922	164	54999	20.494	ug/l	86
65) Chlorobenzene	11.710	112	202846	21.250	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.780	131	75276	20.188	ug/l	100
67) Ethyl Benzene	11.786	91	380032	21.078	ug/l	98
68) m/p-Xylenes	11.898	106	286244	42.232	ug/l	97
69) o-Xylene	12.222	106	141926	20.831	ug/l	98
70) Styrene	12.233	104	236120	21.799	ug/l	98
71) Bromoform	12.398	173	60250	21.572	ug/l #	98
73) Isopropylbenzene	12.522	105	365603	20.231	ug/l	99
74) N-amyl acetate	12.333	43	218262	22.928	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.769	83	148432	21.856	ug/l	98
76) 1,2,3-Trichloropropane	12.822	75	110692m	22.511	ug/l	
77) Bromobenzene	12.804	156	80956	20.867	ug/l	94
78) n-propylbenzene	12.863	91	428958	20.720	ug/l	98
79) 2-Chlorotoluene	12.951	91	259275	20.541	ug/l	98
80) 1,3,5-Trimethylbenzene	13.004	105	307295	20.496	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	45333	20.550	ug/l	91
82) 4-Chlorotoluene	13.045	91	238749	19.604	ug/l	96
83) tert-Butylbenzene	13.269	119	275445	20.406	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	308593	20.766	ug/l	99
85) sec-Butylbenzene	13.445	105	385307	20.976	ug/l	100
86) p-Isopropyltoluene	13.557	119	302123	20.548	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	147600	20.578	ug/l	97
88) 1,4-Dichlorobenzene	13.639	146	141529	19.532	ug/l	96
89) n-Butylbenzene	13.886	91	254765	20.362	ug/l	99
90) Hexachloroethane	14.157	117	63915	20.577	ug/l	97
91) 1,2-Dichlorobenzene	13.933	146	153706	20.376	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.545	75	33348	20.835	ug/l	94
93) 1,2,4-Trichlorobenzene	15.198	180	76563	20.368	ug/l	99
94) Hexachlorobutadiene	15.304	225	33807	19.843	ug/l	99
95) Naphthalene	15.439	128	316308	21.509	ug/l	99
96) 1,2,3-Trichlorobenzene	15.633	180	79657	20.478	ug/l	99

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MSVOA_N
ClientSampleId :
VN0912WBSD01

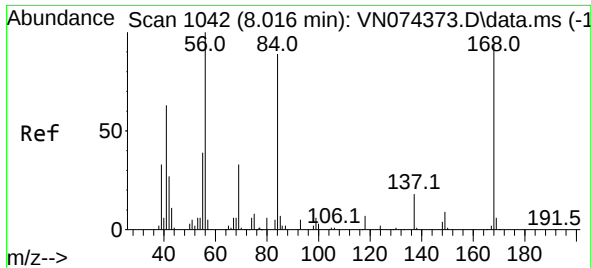
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 09/14/2022

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Quant Title : SW846 8260
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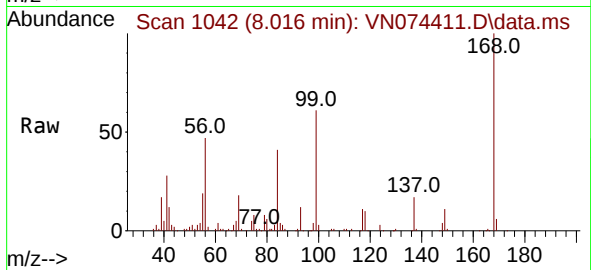
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN074411.D
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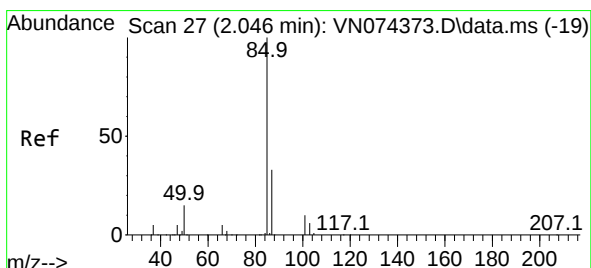
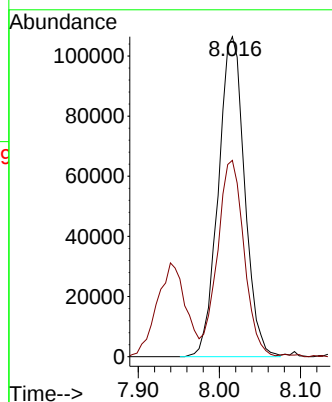
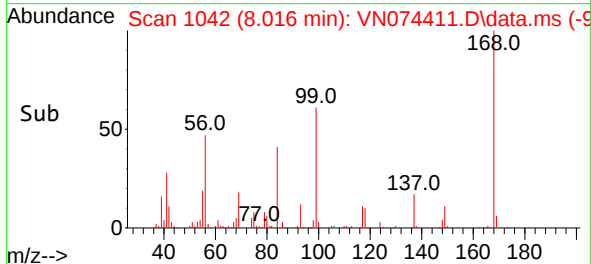
Instrument :
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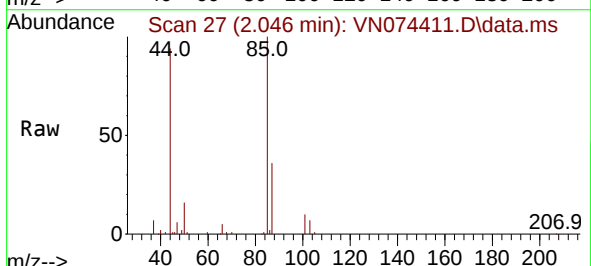
Tgt Ion:168 Resp: 23939
Ion Ratio Lower Upper
168 100
99 60.8 52.8 79.2

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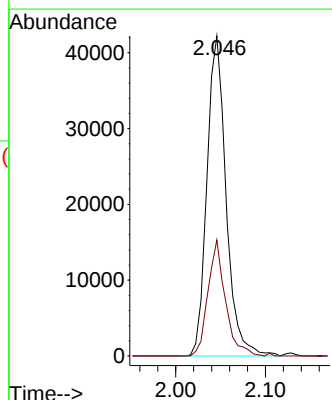
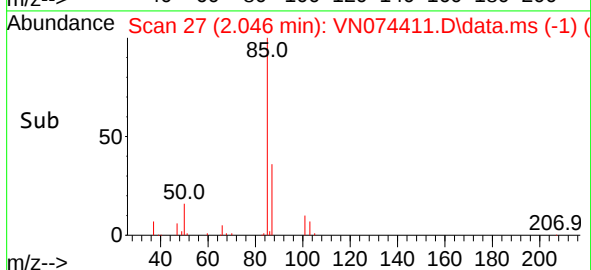
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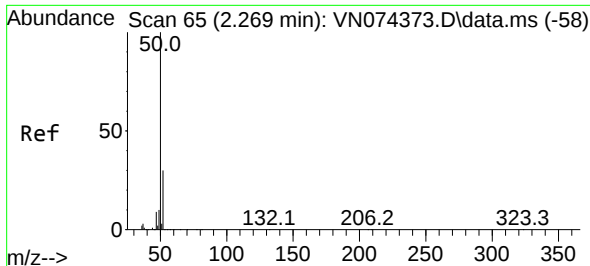


#2
Dichlorodifluoromethane
Concen: 20.182 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10



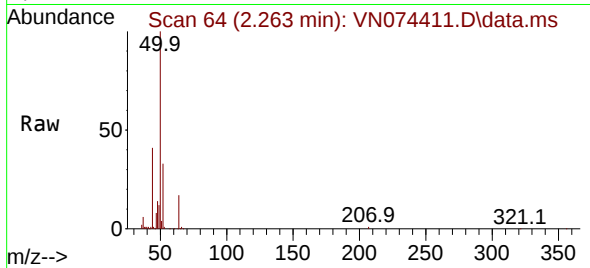
Tgt Ion: 85 Resp: 62615
Ion Ratio Lower Upper
85 100
87 36.2 16.4 49.2





#3
Chloromethane
Concen: 23.426 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

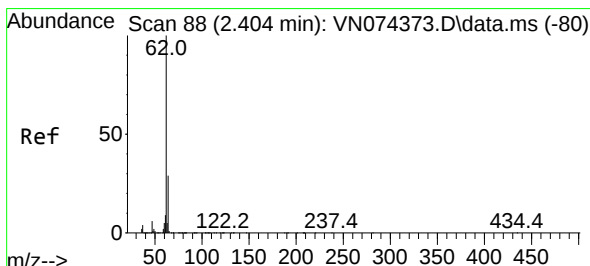
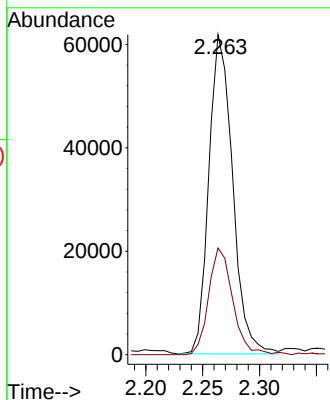
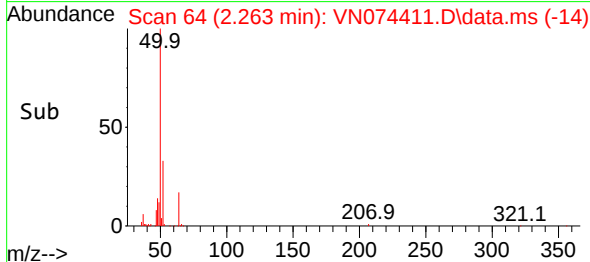
Instrument :
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ClientSampleId :
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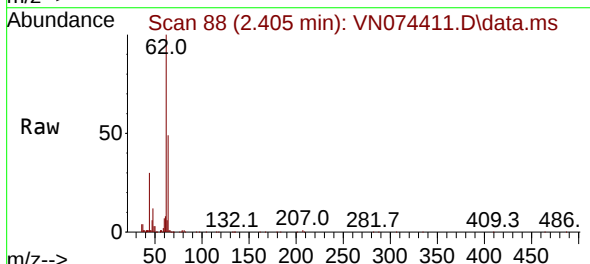
Tgt Ion: 50 Resp: 89860
Ion Ratio Lower Upper
50 100
52 33.5 24.1 36.1

Manual Integrations
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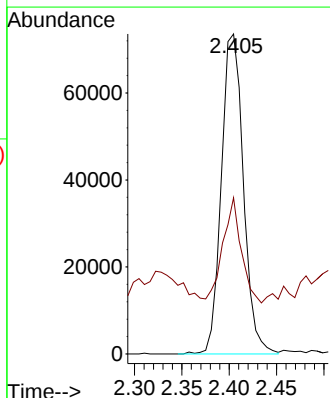
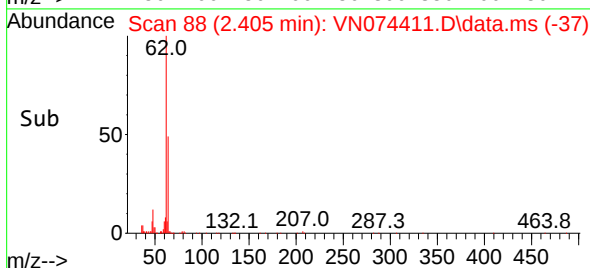
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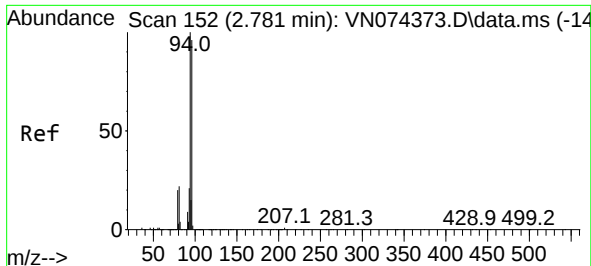


#4
Vinyl Chloride
Concen: 22.986 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10



Tgt Ion: 62 Resp: 119141
Ion Ratio Lower Upper
62 100
64 31.7 23.5 35.3





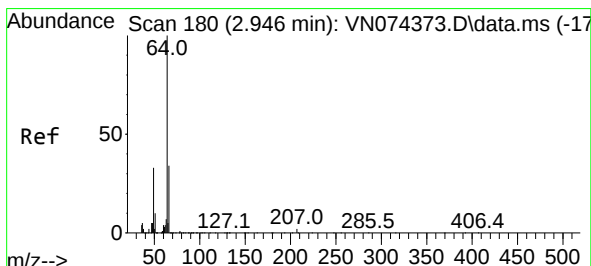
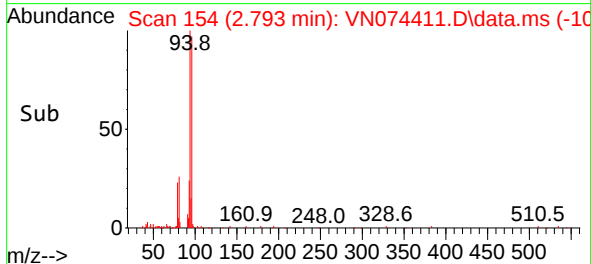
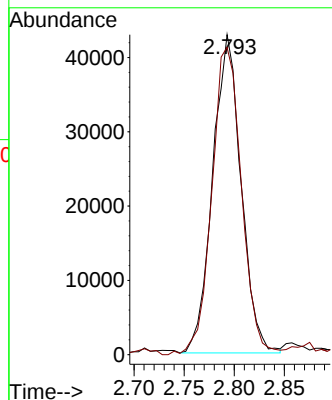
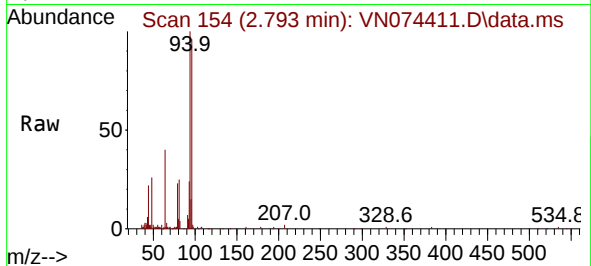
#5
Bromomethane
Concen: 23.297 ug/l
RT: 2.793 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN074411.D
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Instrument :
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Tgt Ion: 94 Resp: 84379
Ion Ratio Lower Upper
94 100
96 96.2 76.7 115.1

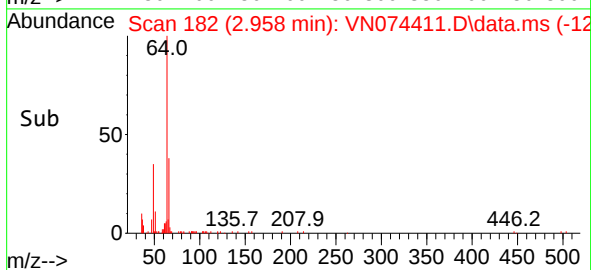
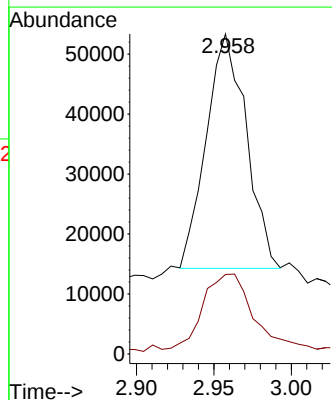
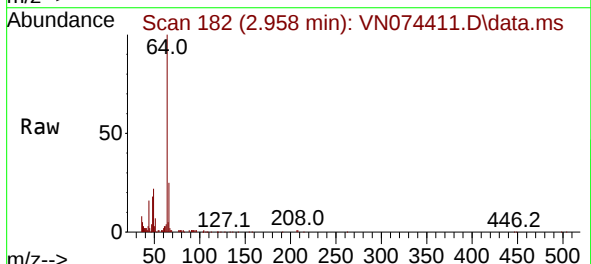
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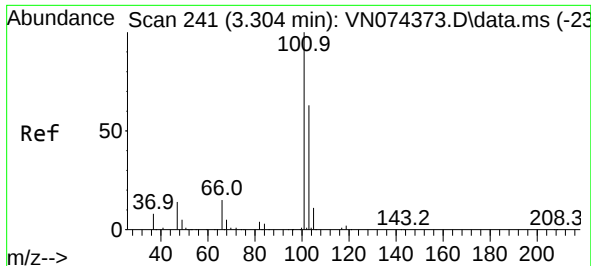
Reviewed By :John Carlone 09/14/2022
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#6
Chloroethane
Concen: 19.301 ug/l m
RT: 2.958 min Scan# 182
Delta R.T. 0.011 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

Tgt Ion: 64 Resp: 70433
Ion Ratio Lower Upper
64 100
66 24.9 26.5 39.7#





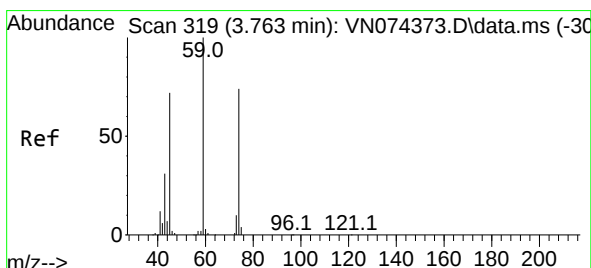
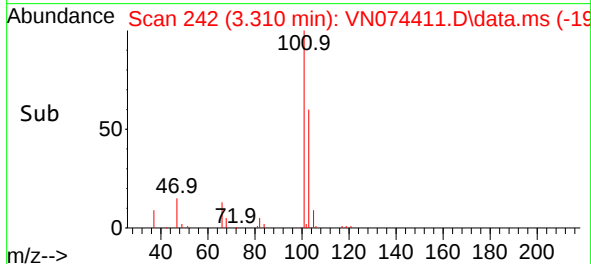
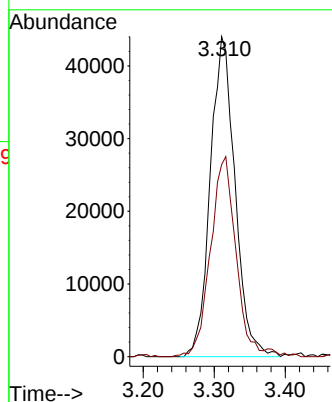
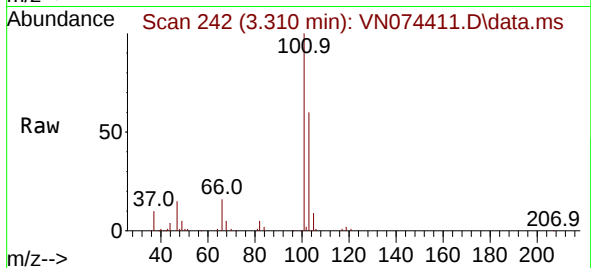
#7
Trichlorofluoromethane
Concen: 20.799 ug/l
RT: 3.310 min Scan# 241
Delta R.T. 0.006 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 10644
Ion Ratio Lower Upper
101 100
103 59.5 50.8 76.2

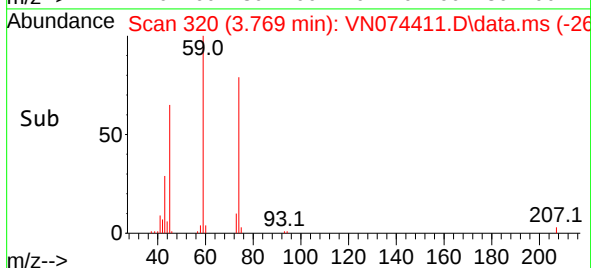
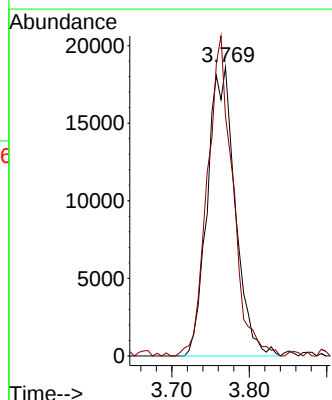
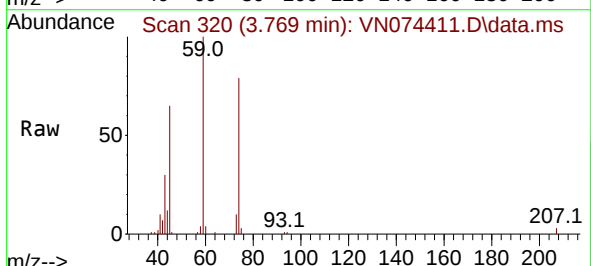
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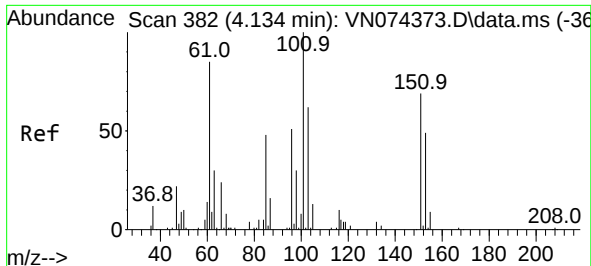
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#8
Diethyl Ether
Concen: 21.493 ug/l
RT: 3.769 min Scan# 320
Delta R.T. 0.006 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

Tgt Ion: 74 Resp: 46413
Ion Ratio Lower Upper
74 100
45 100.9 52.4 157.3





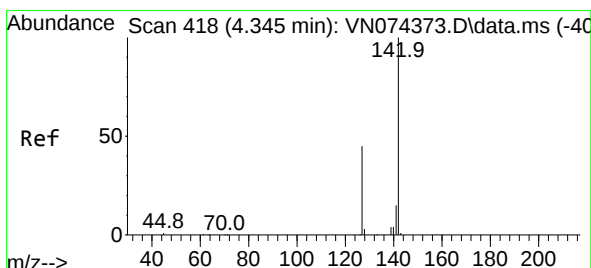
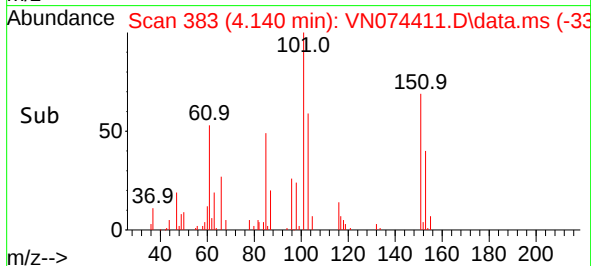
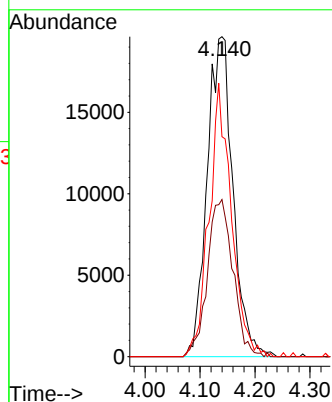
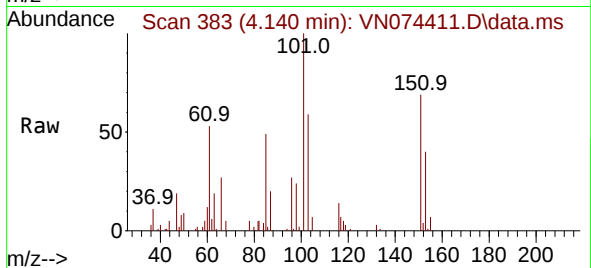
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.903 ug/l
RT: 4.140 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion:101 Resp: 6410
Ion Ratio Lower Upper
101 100
85 48.7 39.5 59.3
151 73.8 57.8 86.6

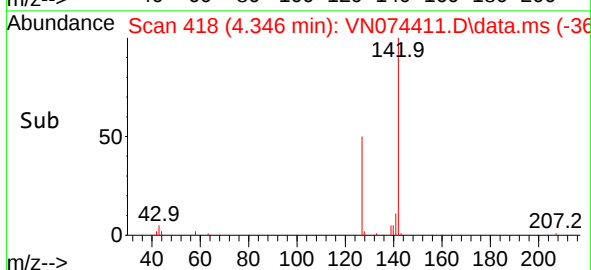
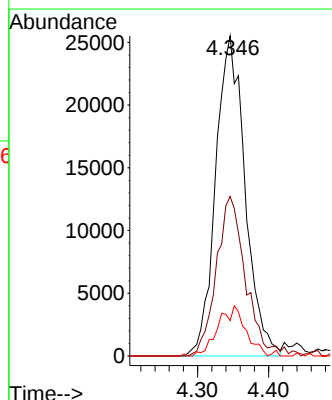
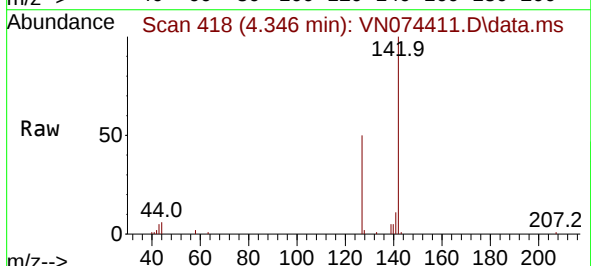
Manual Integrations
APPROVED

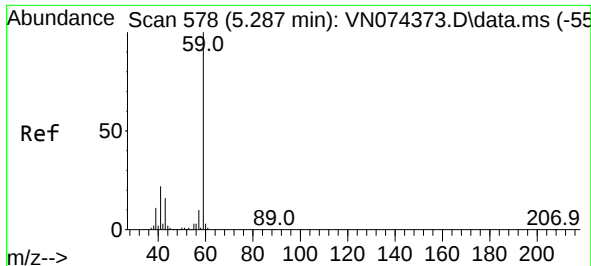
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#10
Methyl Iodide
Concen: 20.685 ug/l
RT: 4.346 min Scan# 418
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

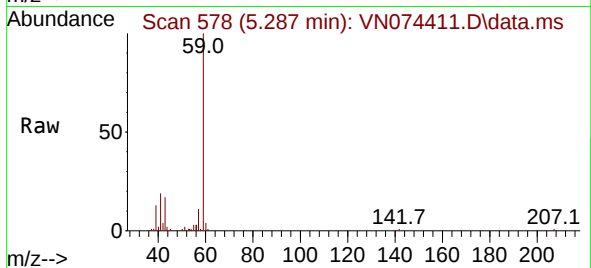
Tgt Ion:142 Resp: 73334
Ion Ratio Lower Upper
142 100
127 49.7 37.4 56.2
141 14.7 11.2 16.8





#11
Tert butyl alcohol
Concen: 113.324 ug/l
RT: 5.287 min Scan# 511
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

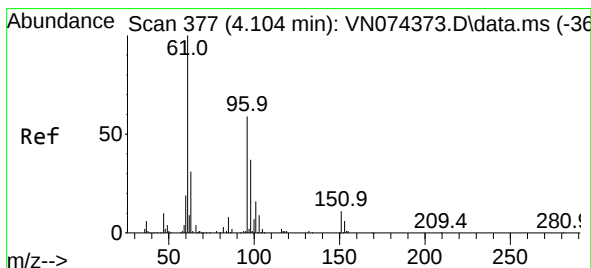
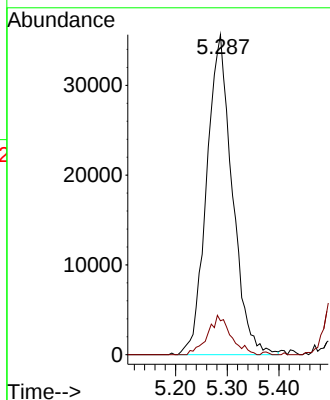
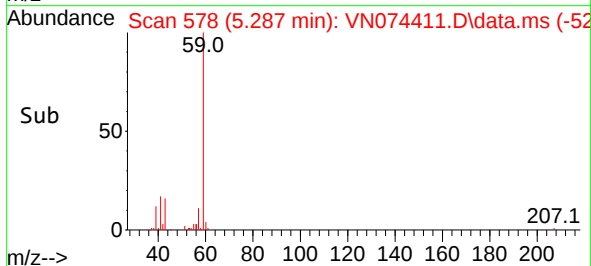
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



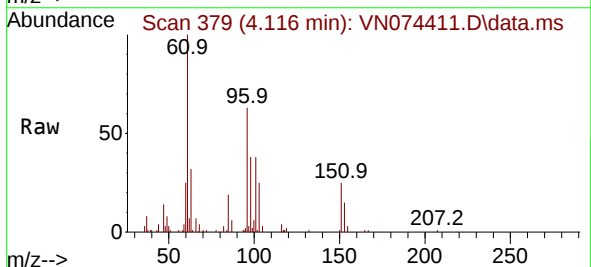
Tgt Ion: 59 Resp: 122773
Ion Ratio Lower Upper
59 100
57 11.1 8.8 13.2

Manual Integrations
APPROVED

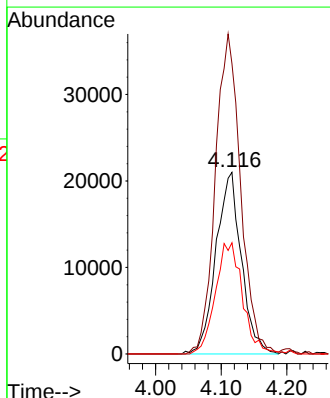
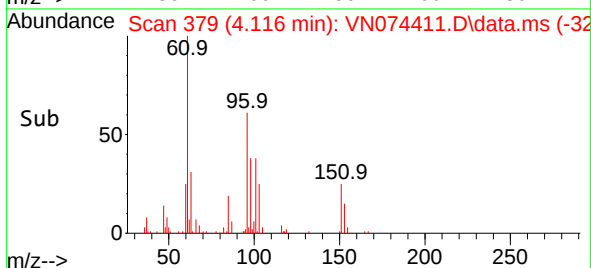
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

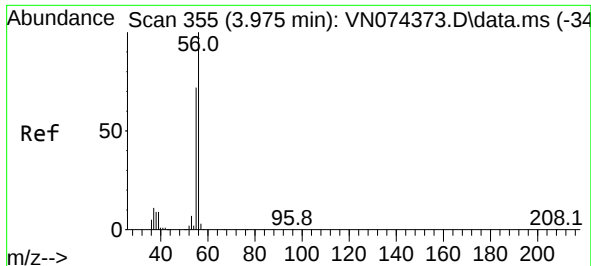


#12
1,1-Dichloroethene
Concen: 18.890 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.012 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10



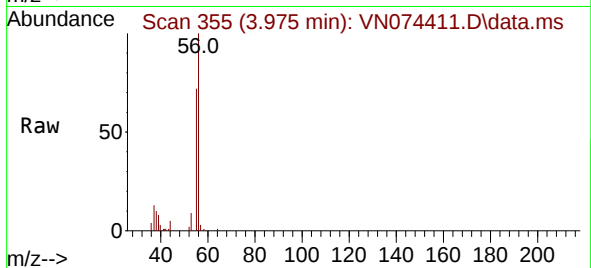
Tgt Ion: 96 Resp: 56373
Ion Ratio Lower Upper
96 100
61 159.8 134.7 202.1
98 61.2 50.2 75.4





#13
Acrolein
Concen: 91.596 ug/l
RT: 3.975 min Scan# 355
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

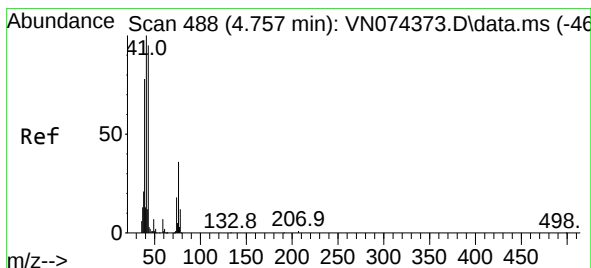
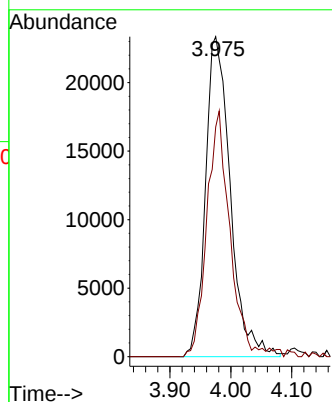
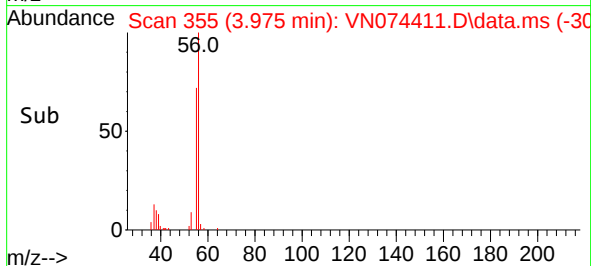
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



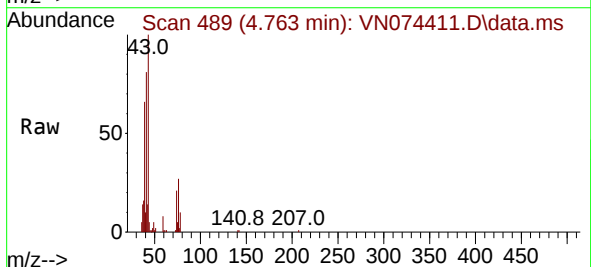
Tgt Ion: 56 Resp: 65910
Ion Ratio Lower Upper
56 100
55 71.0 56.2 84.4

Manual Integrations
APPROVED

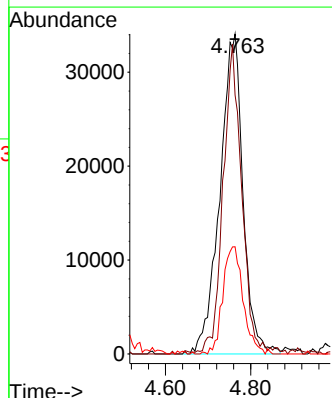
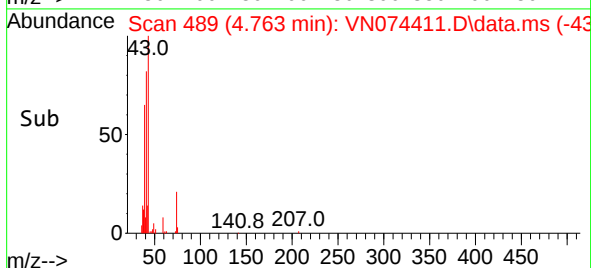
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

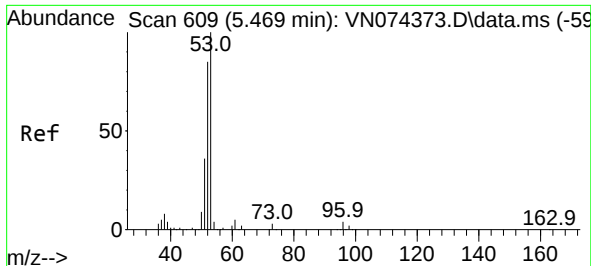


#14
Allyl chloride
Concen: 19.704 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.006 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10



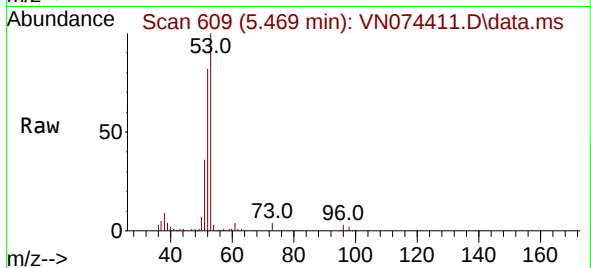
Tgt Ion: 41 Resp: 128982
Ion Ratio Lower Upper
41 100
39 76.1 58.5 87.7
76 29.2 24.2 36.4





#15
Acrylonitrile
Concen: 114.106 ug/l
RT: 5.469 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

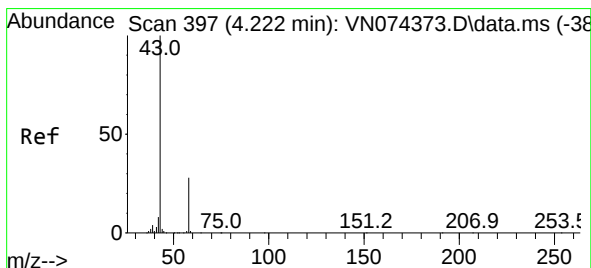
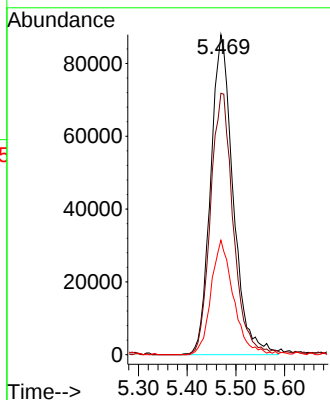
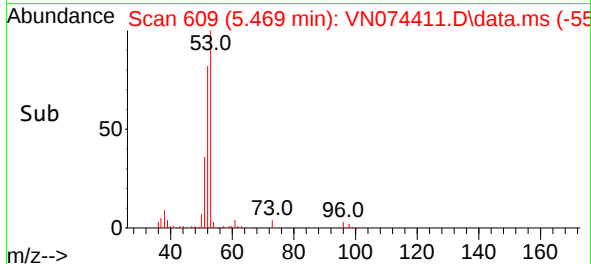
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



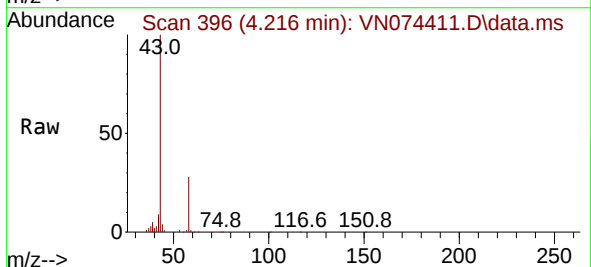
Tgt Ion: 53 Resp: 28282
Ion Ratio Lower Upper
53 100
52 82.6 65.9 98.9
51 35.5 29.4 44.2

Manual Integrations
APPROVED

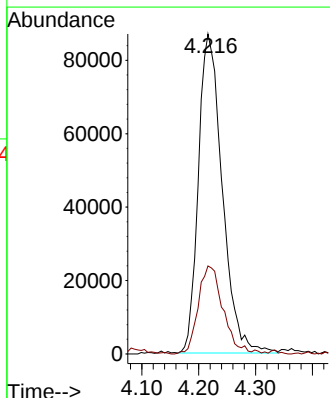
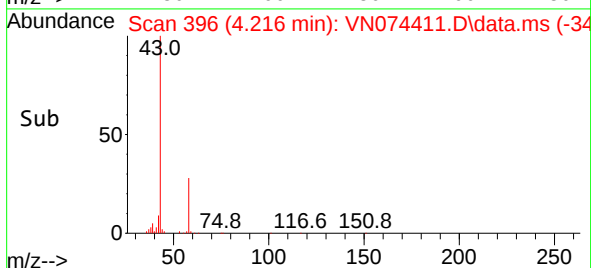
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

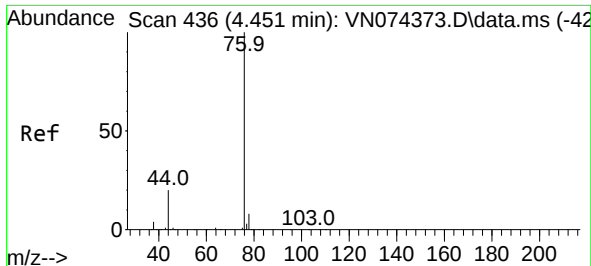


#16
Acetone
Concen: 113.467 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10



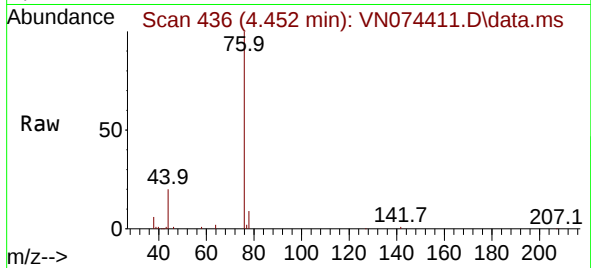
Tgt Ion: 43 Resp: 253724
Ion Ratio Lower Upper
43 100
58 27.3 22.7 34.1





#17
Carbon Disulfide
Concen: 19.761 ug/l
RT: 4.452 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

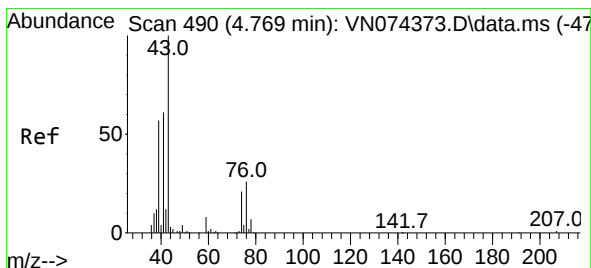
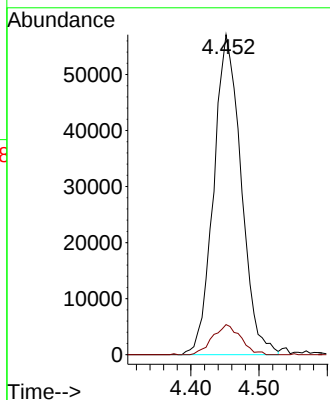
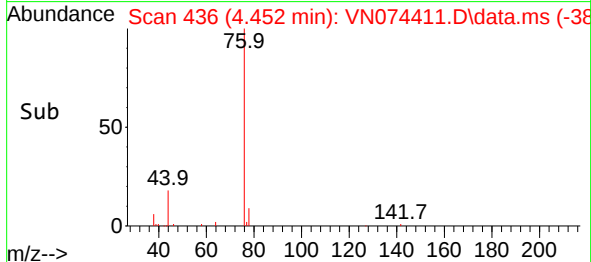
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



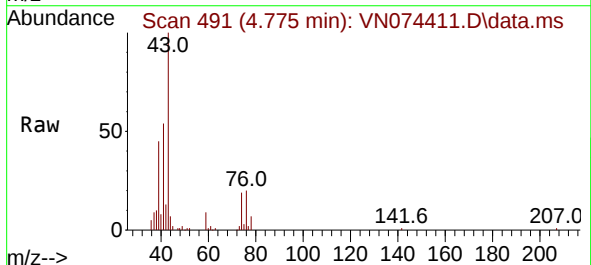
Tgt Ion: 76 Resp: 16027
Ion Ratio Lower Upper
76 100
78 9.4 6.5 9.7

Manual Integrations
APPROVED

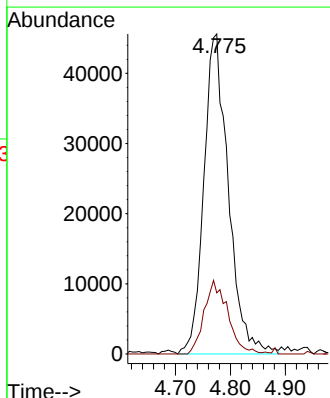
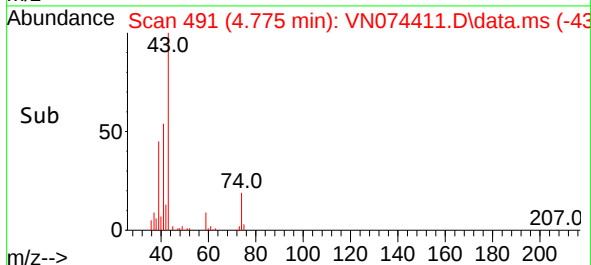
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

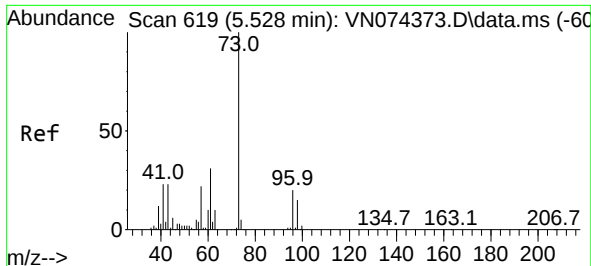


#18
Methyl Acetate
Concen: 21.451 ug/l
RT: 4.775 min Scan# 491
Delta R.T. 0.006 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10



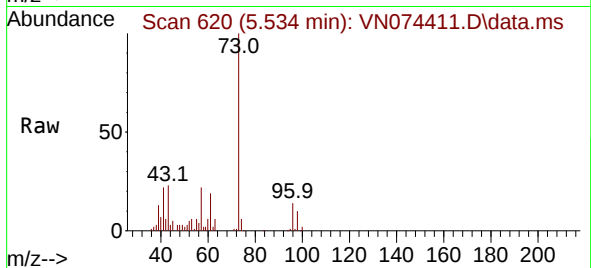
Tgt Ion: 43 Resp: 141404
Ion Ratio Lower Upper
43 100
74 22.1 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 20.976 ug/l
RT: 5.534 min Scan# 619
Delta R.T. 0.006 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

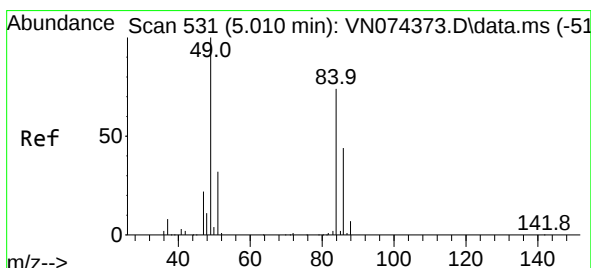
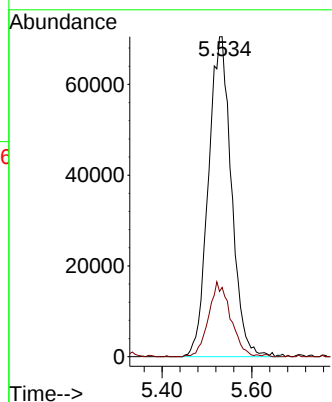
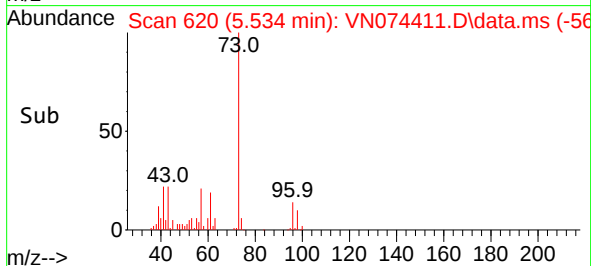
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion: 73 Resp: 25194
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5

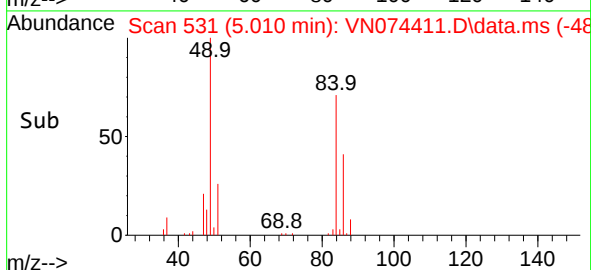
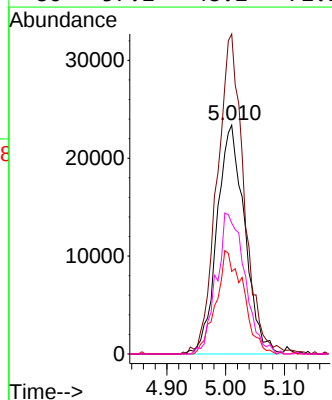
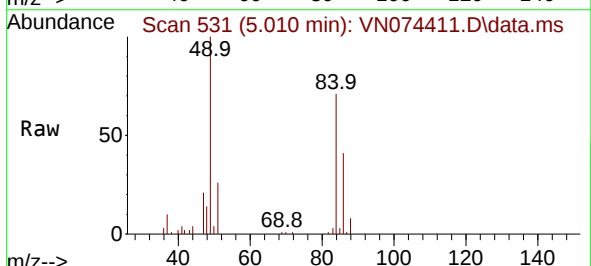
Manual Integrations
APPROVED

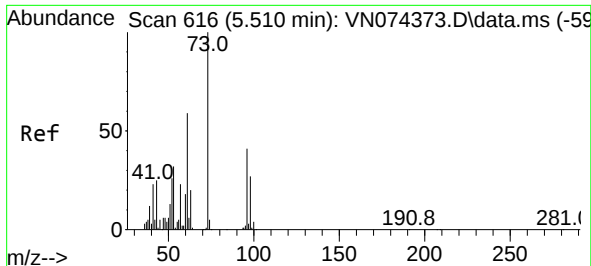
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#20
Methylene Chloride
Concen: 22.508 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

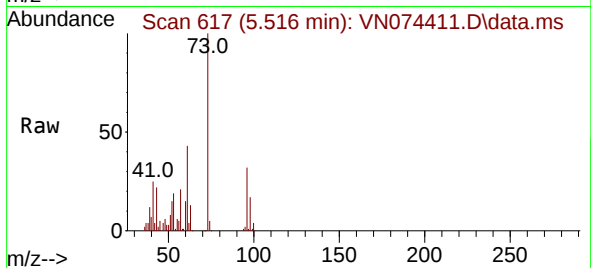
Tgt Ion: 84 Resp: 76563
Ion Ratio Lower Upper
84 100
49 139.9 108.2 162.4
51 36.1 34.3 51.5
86 57.2 48.2 72.2





#21
trans-1,2-Dichloroethene
Concen: 19.158 ug/l
RT: 5.516 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

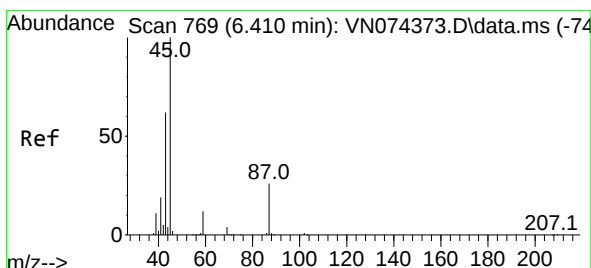
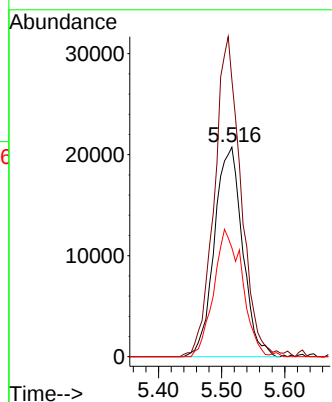
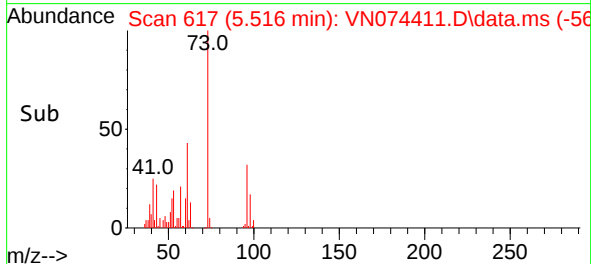
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion: 96 Resp: 64064
Ion Ratio Lower Upper
96 100
61 132.3 115.3 172.9
98 52.0 53.4 80.0

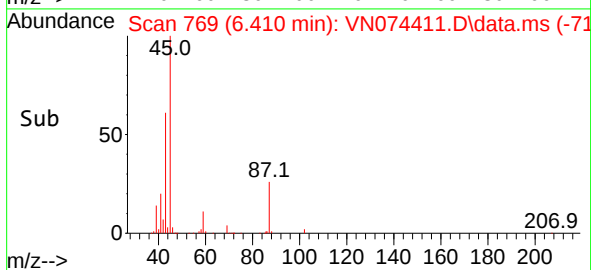
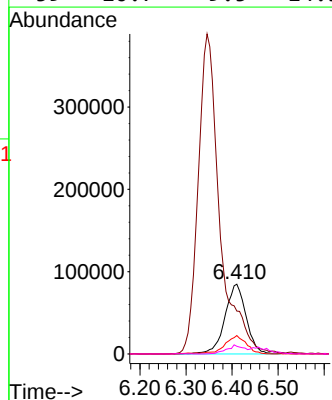
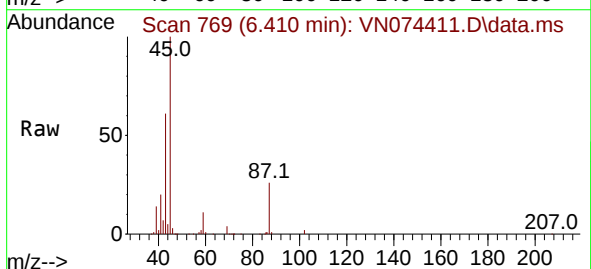
Manual Integrations
APPROVED

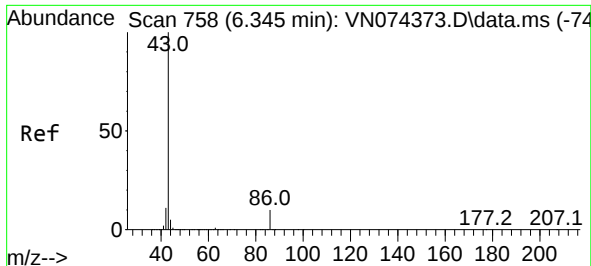
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#22
Diisopropyl ether
Concen: 20.511 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

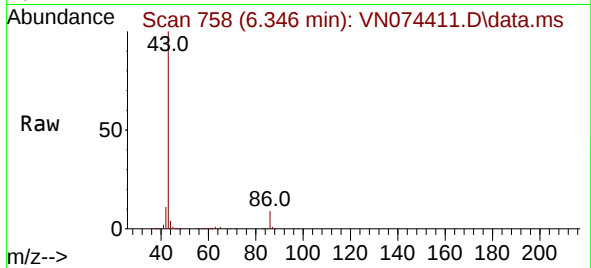
Tgt Ion: 45 Resp: 270331
Ion Ratio Lower Upper
45 100
43 59.2 49.4 74.0
87 25.9 21.3 31.9
59 10.7 9.5 14.3





#23
 Vinyl Acetate
 Concen: 108.134 ug/l
 RT: 6.346 min Scan# 758
 Delta R.T. 0.000 min
 Lab File: VN074411.D
 Acq: 12 Sep 2022 14:10

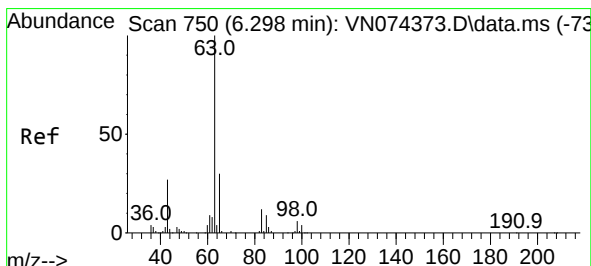
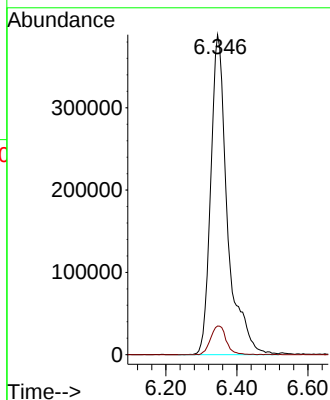
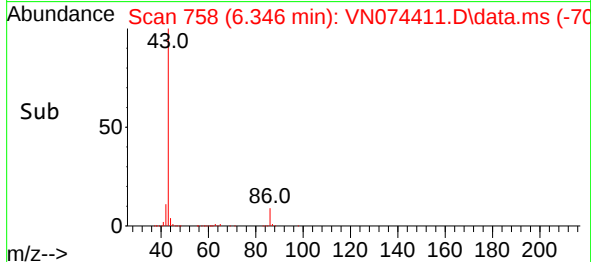
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01



Tgt Ion: 43 Resp: 1271928
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.6 11.4

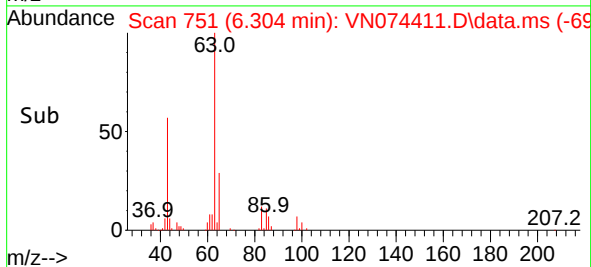
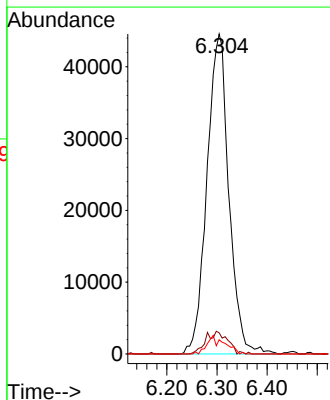
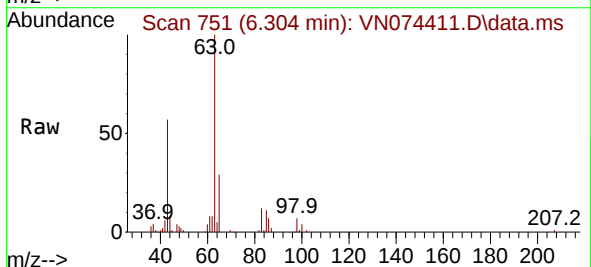
Manual Integrations
 APPROVED

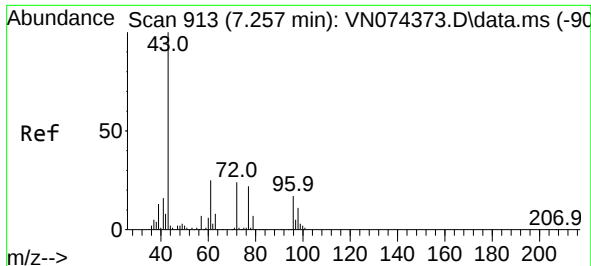
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022



#24
 1,1-Dichloroethane
 Concen: 19.998 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.006 min
 Lab File: VN074411.D
 Acq: 12 Sep 2022 14:10

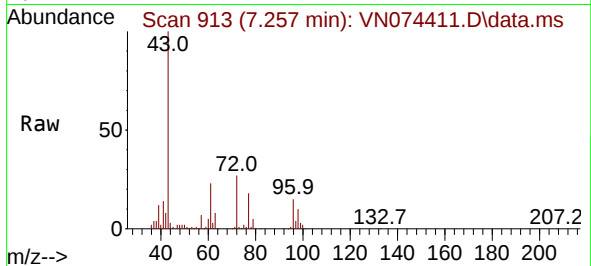
Tgt Ion: 63 Resp: 135433
 Ion Ratio Lower Upper
 63 100
 98 6.6 2.9 8.6
 100 4.4 2.0 5.8





#25
2-Butanone
Concen: 114.027 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

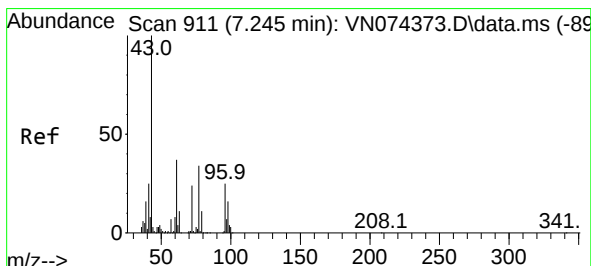
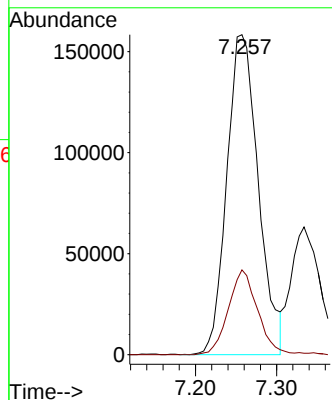
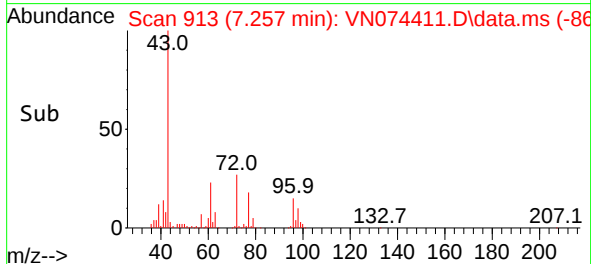
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion: 43 Resp: 42801
Ion Ratio Lower Upper
43 100
72 26.5 18.9 28.3

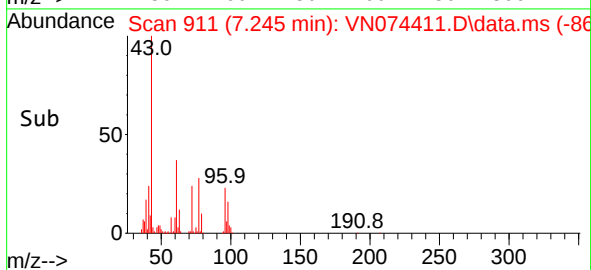
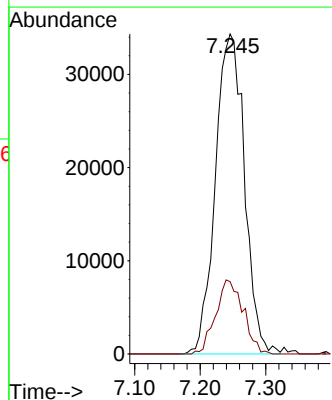
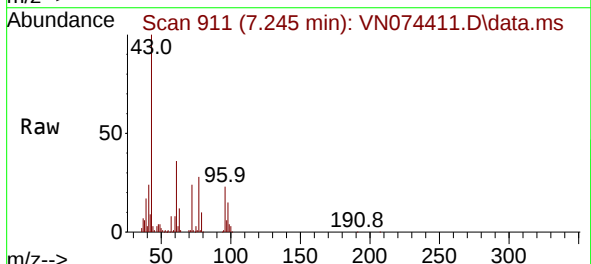
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 17.247 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

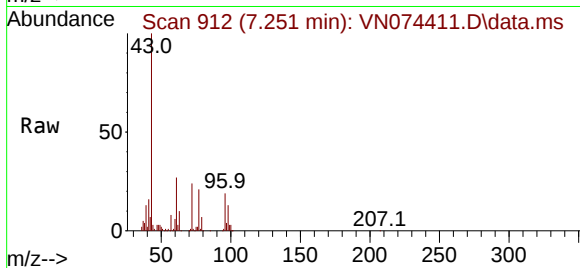
Tgt Ion: 77 Resp: 105669
Ion Ratio Lower Upper
77 100
97 21.9 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 19.125 ug/l
 RT: 7.251 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VN074411.D
 Acq: 12 Sep 2022 14:10

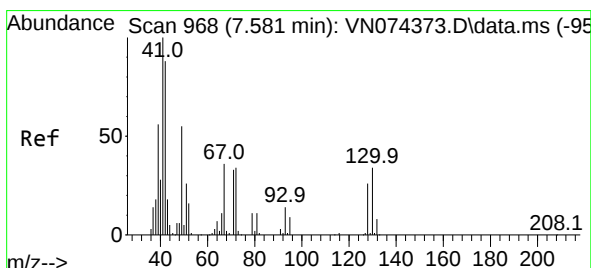
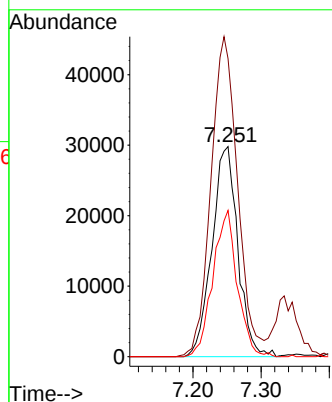
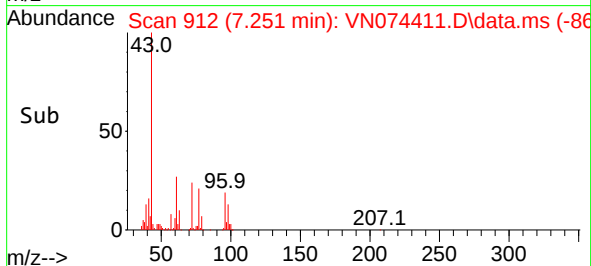
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01



Tgt Ion: 96 Resp: 78792
 Ion Ratio Lower Upper
 96 100
 61 157.1 0.0 306.2
 98 65.7 0.0 129.8

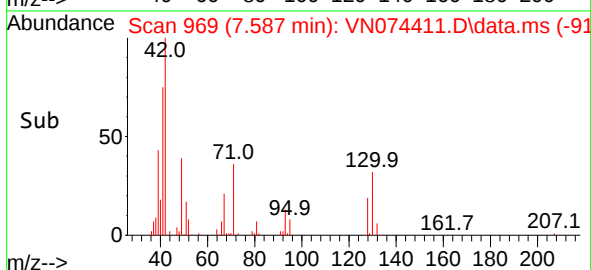
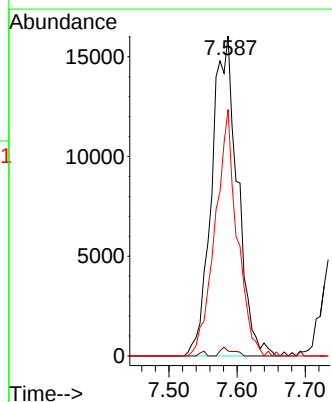
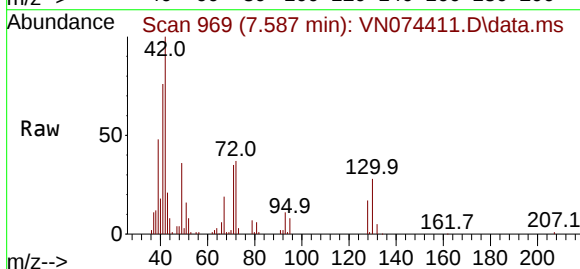
Manual Integrations
 APPROVED

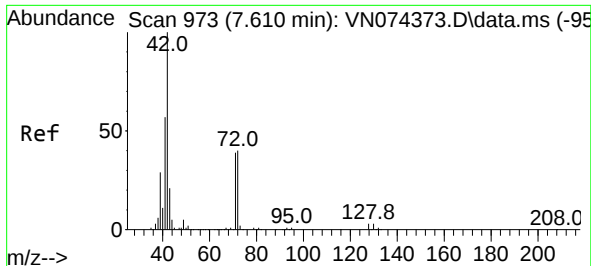
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022



#28
 Bromochloromethane
 Concen: 20.349 ug/l
 RT: 7.587 min Scan# 969
 Delta R.T. 0.006 min
 Lab File: VN074411.D
 Acq: 12 Sep 2022 14:10

Tgt Ion: 49 Resp: 42385
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 2.2
 130 65.6 50.0 75.0





#29

Tetrahydrofuran

Concen: 115.150 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074411.D

Acq: 12 Sep 2022 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

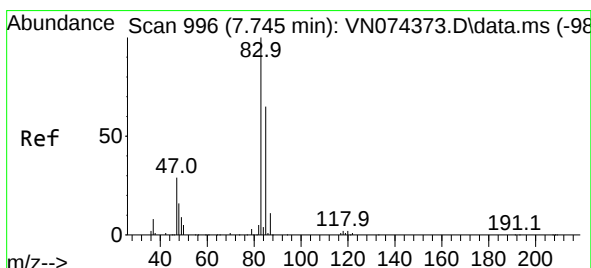
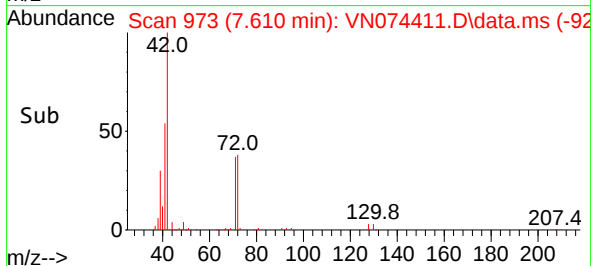
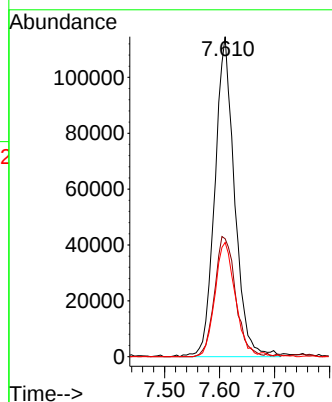
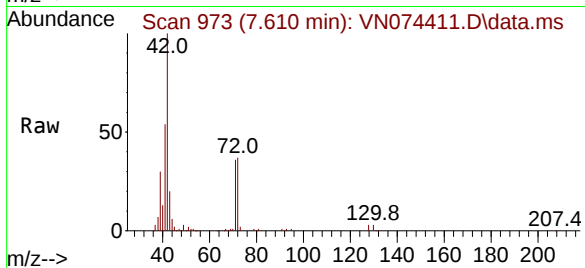
Tgt Ion:	42	Resp:	285720
Ion	Ratio	Lower	Upper
42	100		
72	39.9	32.7	49.1
71	36.7	31.0	46.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#30

Chloroform

Concen: 21.323 ug/l

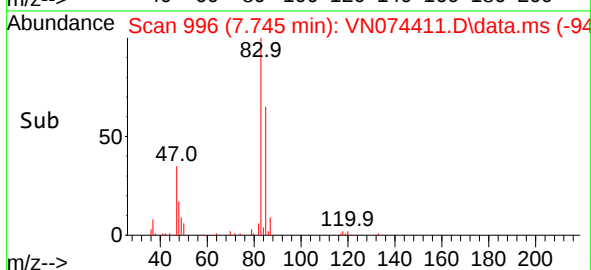
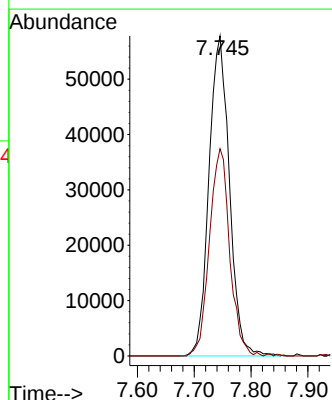
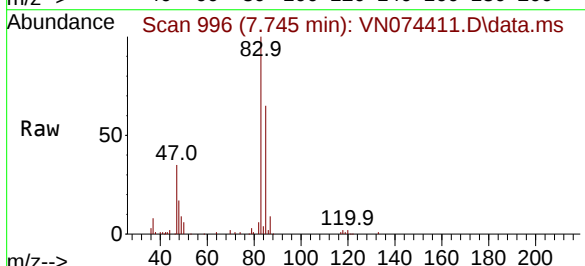
RT: 7.745 min Scan# 996

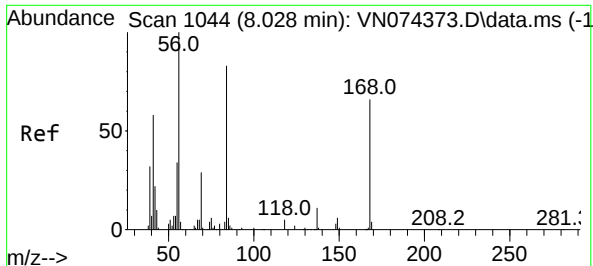
Delta R.T. 0.000 min

Lab File: VN074411.D

Acq: 12 Sep 2022 14:10

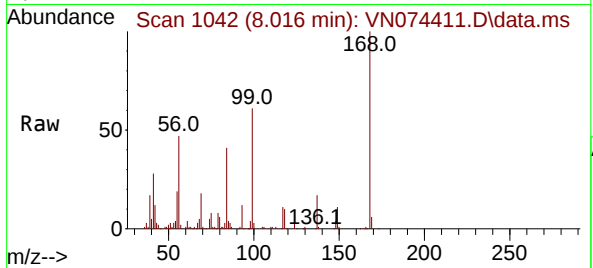
Tgt Ion:	83	Resp:	144147
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.6





#31
Cyclohexane
Concen: 19.944 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.012 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

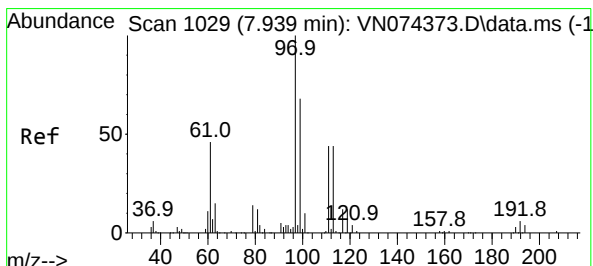
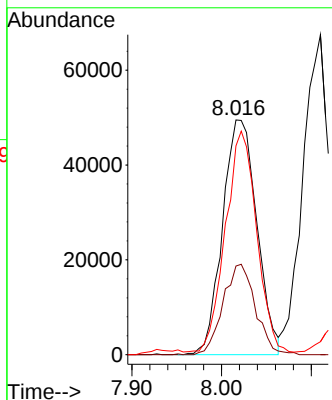
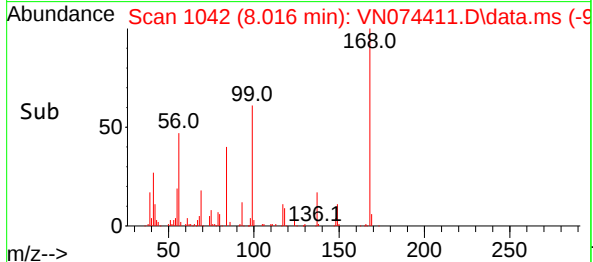
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



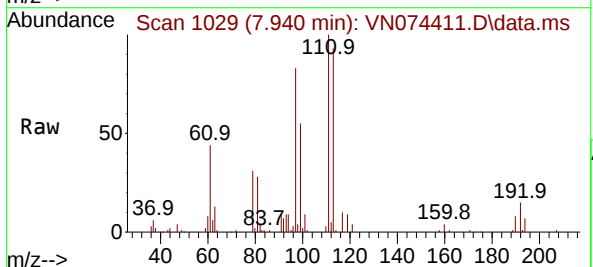
Tgt Ion: 56 Resp: 131370
Ion Ratio Lower Upper
56 100
69 37.4 23.0 34.4
84 86.9 66.3 99.5

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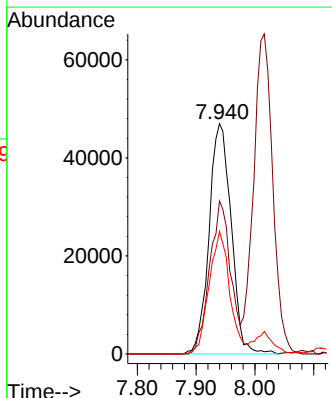
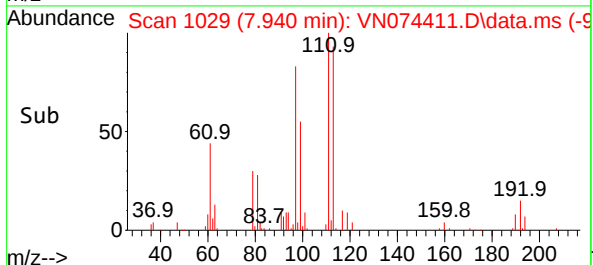
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

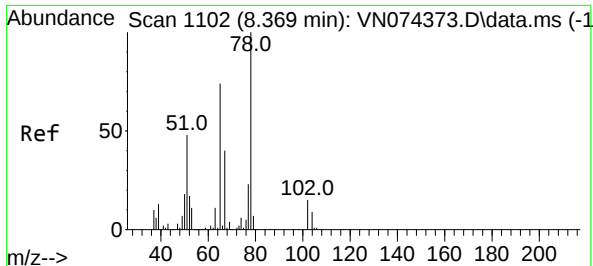


#32
1,1,1-Trichloroethane
Concen: 20.222 ug/l
RT: 7.940 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10



Tgt Ion: 97 Resp: 122637
Ion Ratio Lower Upper
97 100
99 63.0 50.2 75.2
61 49.9 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 54.436 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074411.D

Acq: 12 Sep 2022 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

Tgt Ion: 65 Resp: 225468

Ion Ratio Lower Upper

65 100

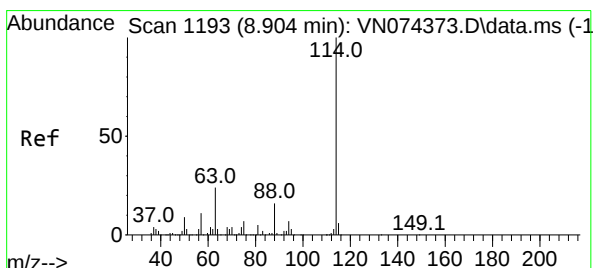
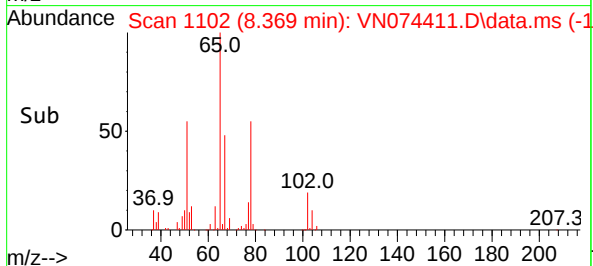
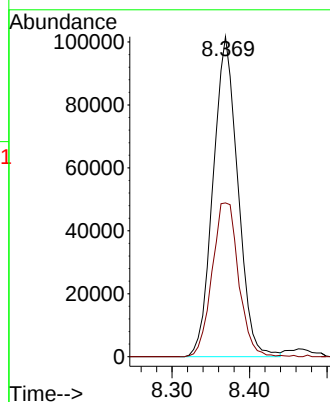
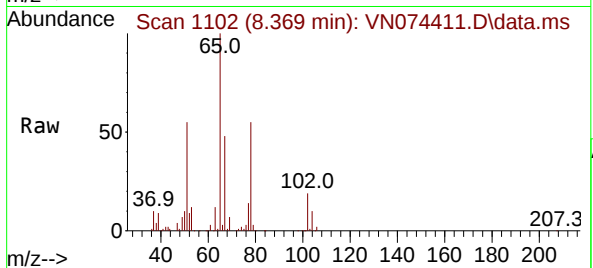
67 51.5 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074411.D

Acq: 12 Sep 2022 14:10

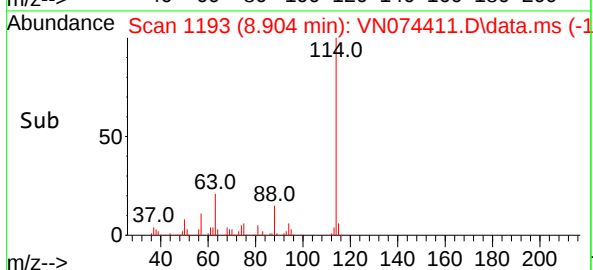
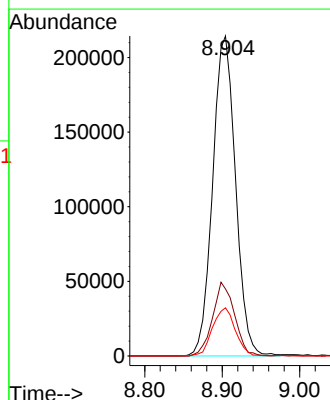
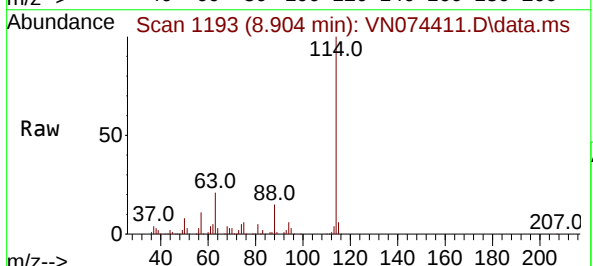
Tgt Ion:114 Resp: 439483

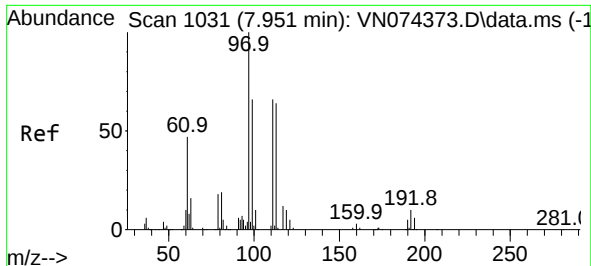
Ion Ratio Lower Upper

114 100

63 20.9 0.0 47.6

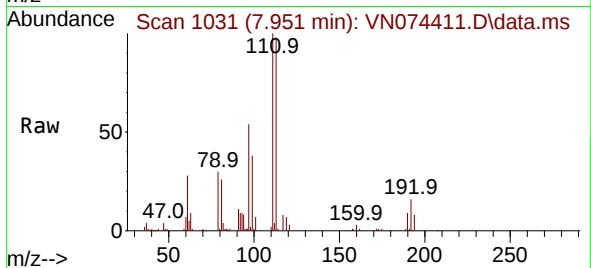
88 15.1 0.0 31.4





#35
Dibromofluoromethane
Concen: 54.333 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

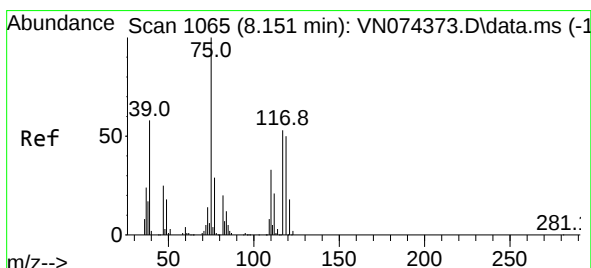
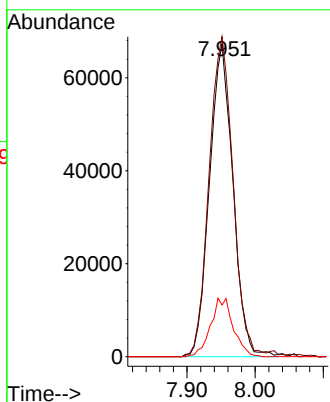
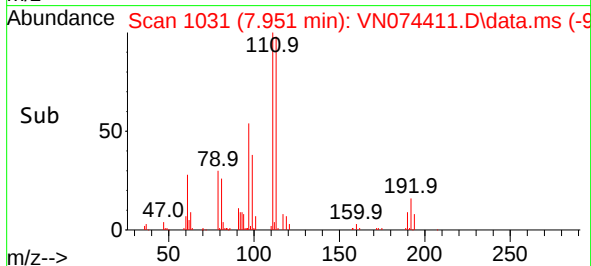
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



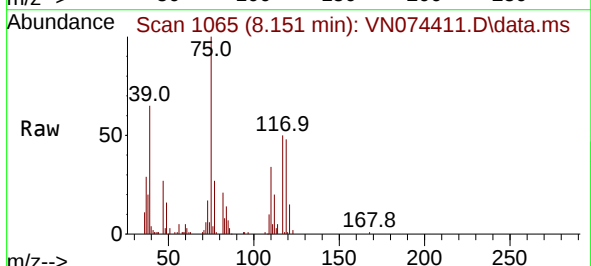
Tgt Ion: 113 Resp: 161204
Ion Ratio Lower Upper
113 100
111 104.2 83.0 124.4
192 18.1 13.7 20.5

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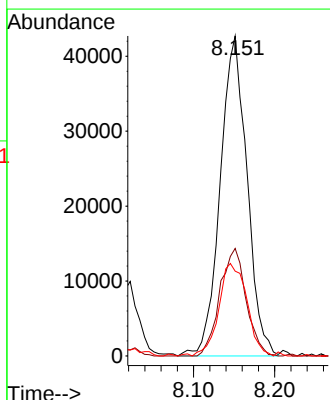
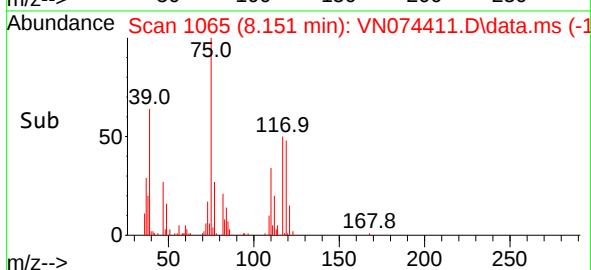
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

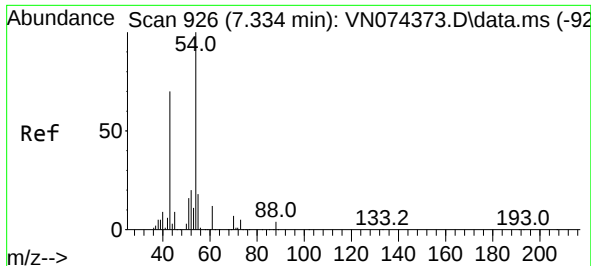


#36
1,1-Dichloropropene
Concen: 20.072 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10



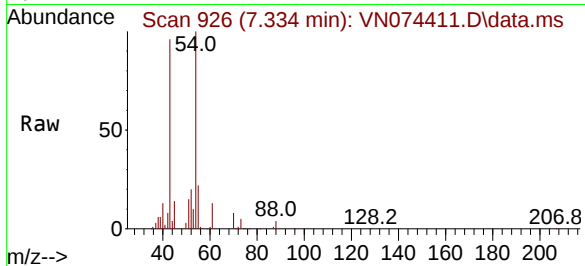
Tgt Ion: 75 Resp: 98108
Ion Ratio Lower Upper
75 100
110 33.0 16.4 49.1
77 30.2 25.4 38.2





#37
Ethyl Acetate
Concen: 22.727 ug/l
RT: 7.334 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

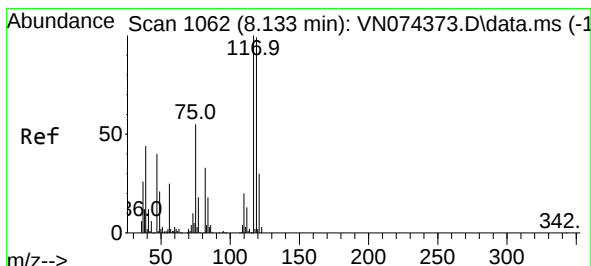
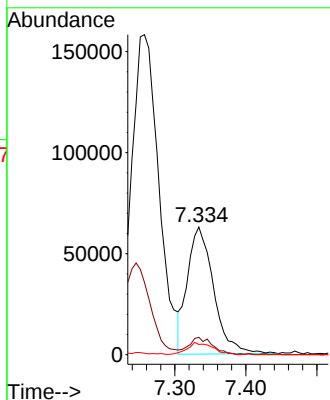
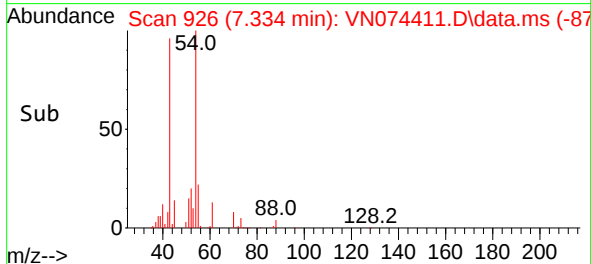
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



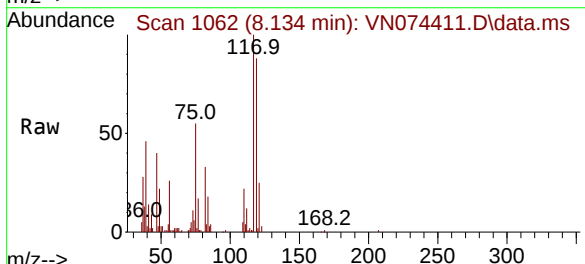
Tgt Ion: 43 Resp: 161144
Ion Ratio Lower Upper
43 100
61 12.7 11.1 16.7
70 9.2 7.2 10.8

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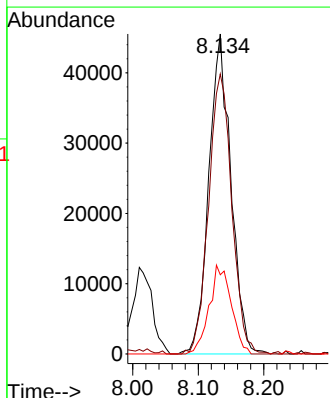
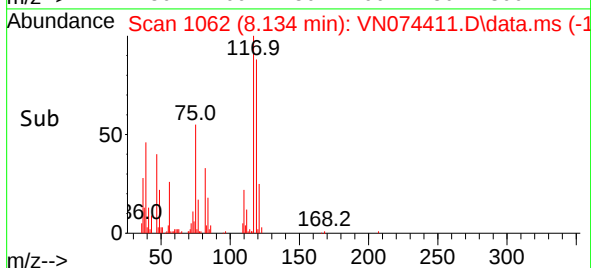
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

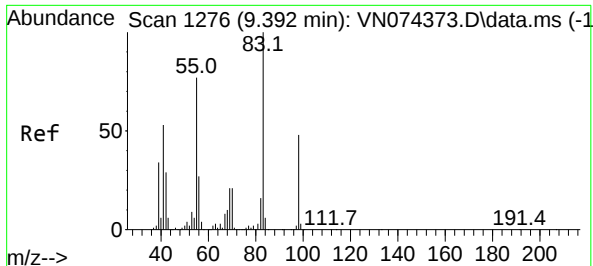


#38
Carbon Tetrachloride
Concen: 21.076 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10



Tgt Ion:117 Resp: 106353
Ion Ratio Lower Upper
117 100
119 87.5 78.8 118.2
121 24.7 24.1 36.1





#39

Methylcyclohexane

Concen: 19.609 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN074411.D

Acq: 12 Sep 2022 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

Tgt Ion: 83 Resp: 121475

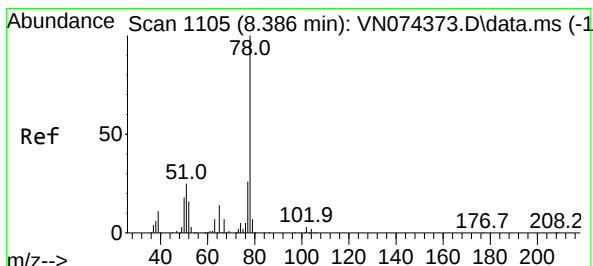
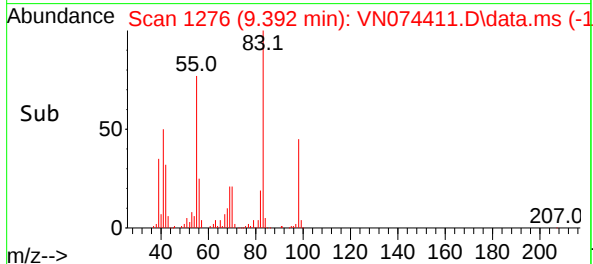
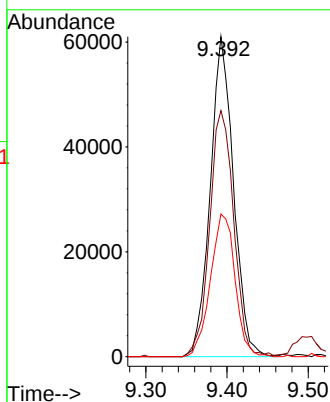
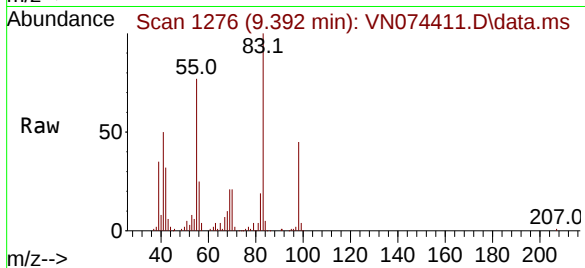
Ion	Ratio	Lower	Upper
83	100		
55	76.9	61.2	91.8
98	44.6	38.5	57.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#40

Benzene

Concen: 20.557 ug/l

RT: 8.387 min Scan# 1105

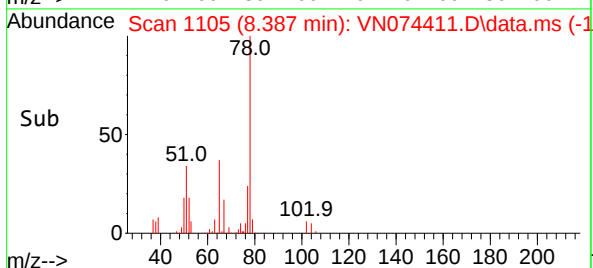
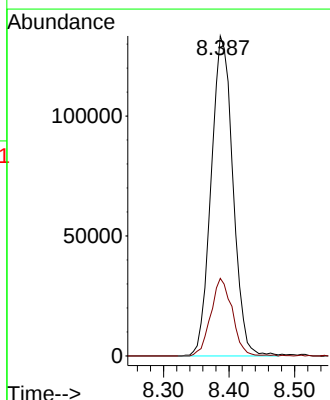
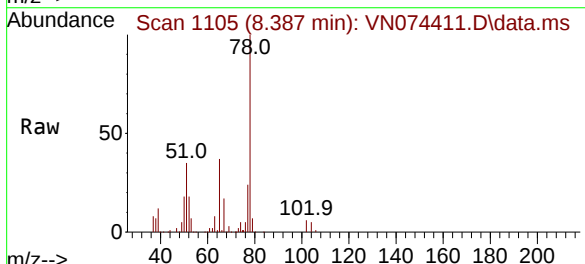
Delta R.T. 0.000 min

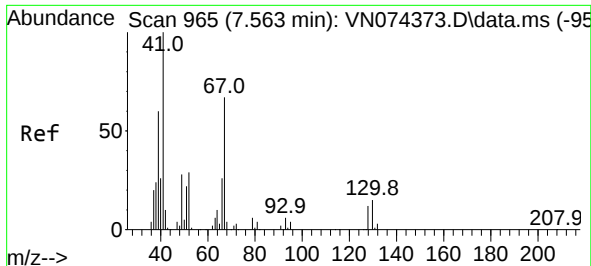
Lab File: VN074411.D

Acq: 12 Sep 2022 14:10

Tgt Ion: 78 Resp: 307639

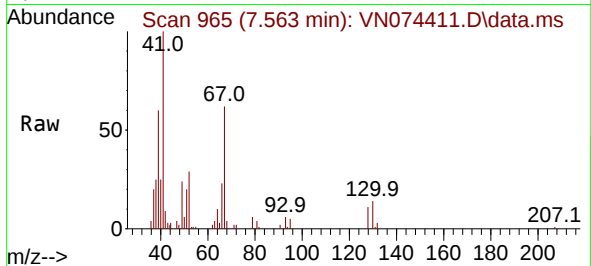
Ion	Ratio	Lower	Upper
78	100		
77	24.3	20.6	31.0





#41
Methacrylonitrile
Concen: 20.789 ug/l
RT: 7.563 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

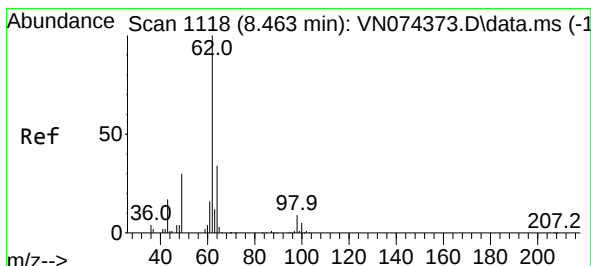
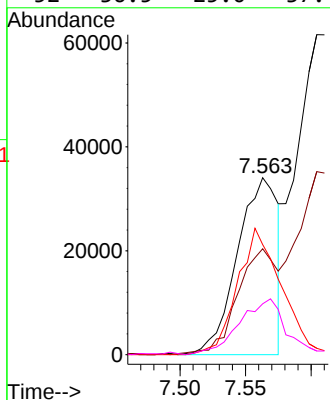
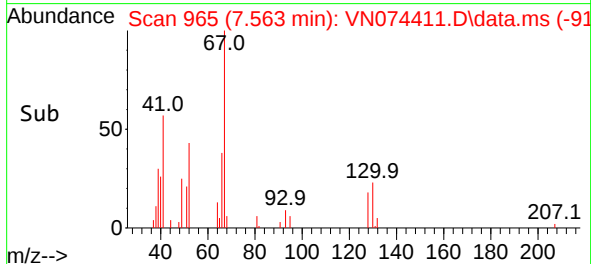
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion: 41 Resp: 73140
Ion Ratio Lower Upper
41 100
39 58.5 39.2 58.8
67 78.7 53.6 80.4
52 36.5 25.0 37.4

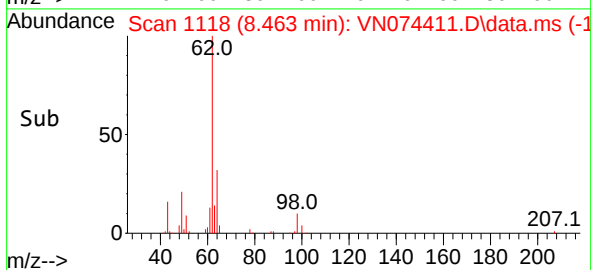
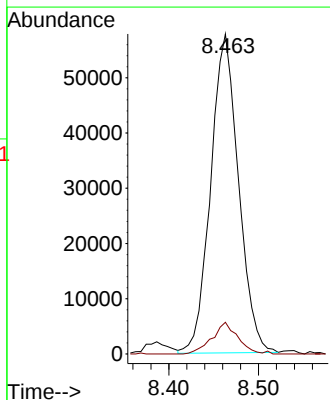
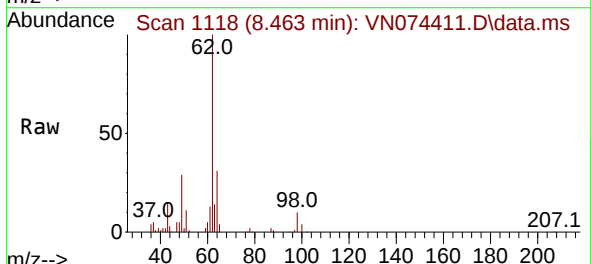
Manual Integrations
APPROVED

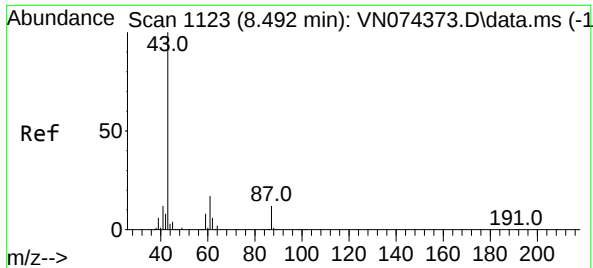
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#42
1,2-Dichloroethane
Concen: 21.761 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

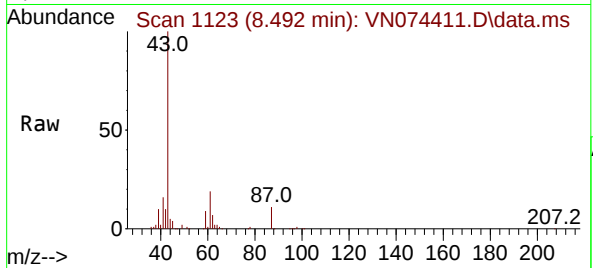
Tgt Ion: 62 Resp: 124502
Ion Ratio Lower Upper
62 100
98 9.3 0.0 17.6





#43
Isopropyl Acetate
Concen: 21.158 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

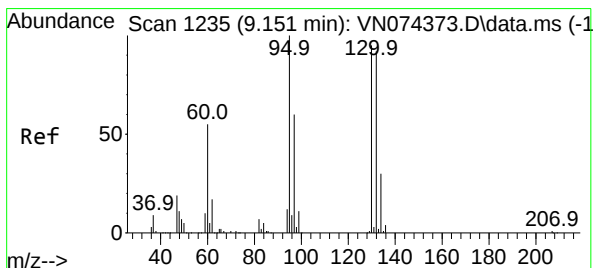
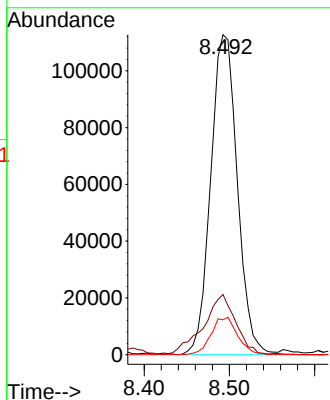
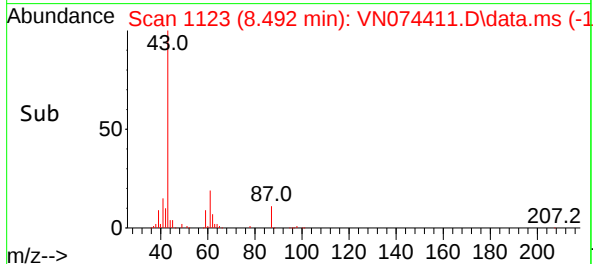
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion: 43 Resp: 24534
Ion Ratio Lower Upper
43 100
61 22.9 18.6 27.8
87 11.6 9.4 14.2

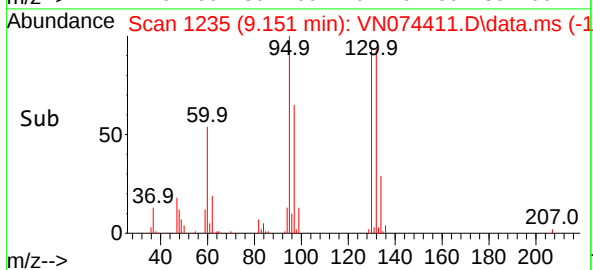
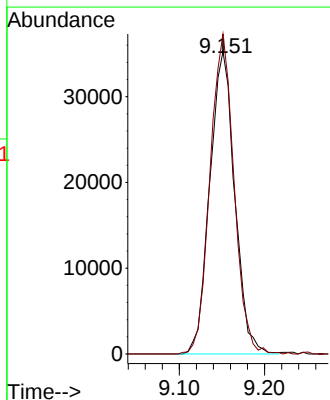
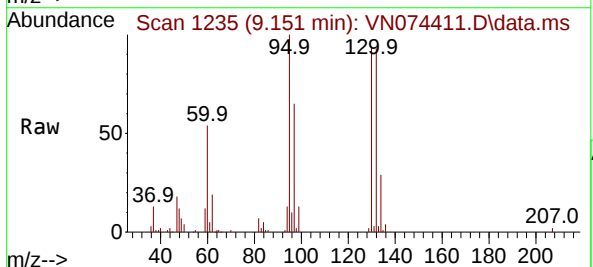
Manual Integrations
APPROVED

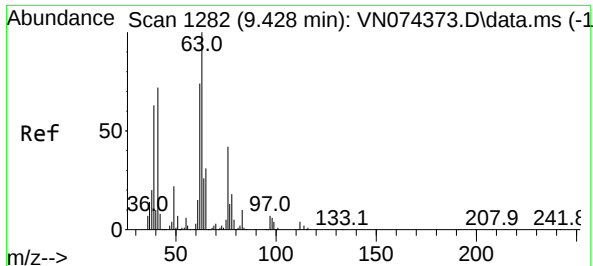
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#44
Trichloroethene
Concen: 21.309 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

Tgt Ion:130 Resp: 71495
Ion Ratio Lower Upper
130 100
95 105.8 0.0 210.0





#45

1,2-Dichloropropane

Concen: 20.799 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN074411.D

Acq: 12 Sep 2022 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

Tgt Ion: 63 Resp: 82629

Ion Ratio Lower Upper

63 100

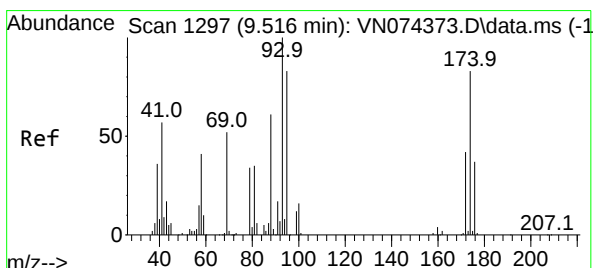
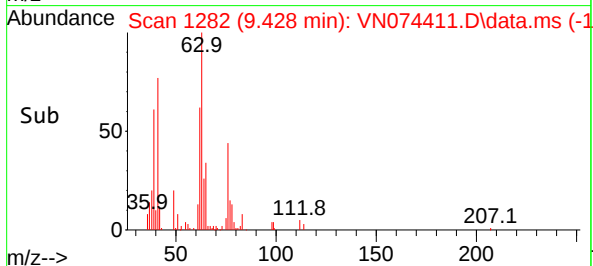
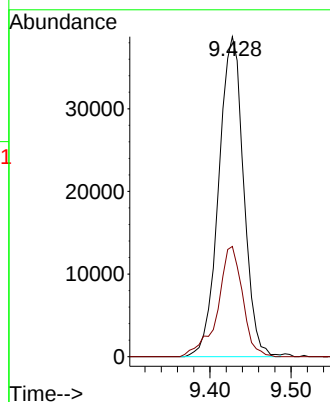
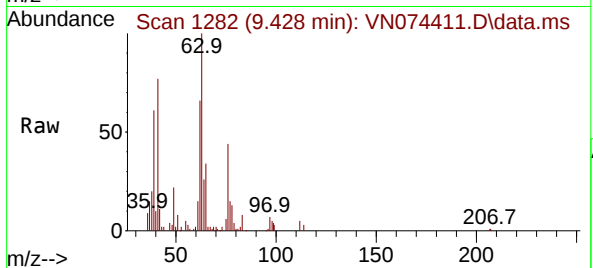
65 34.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#46

Dibromomethane

Concen: 21.244 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN074411.D

Acq: 12 Sep 2022 14:10

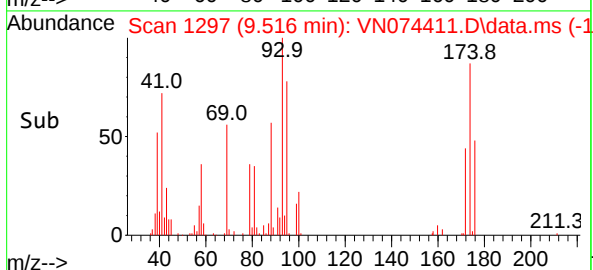
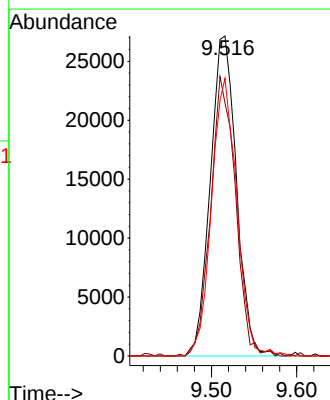
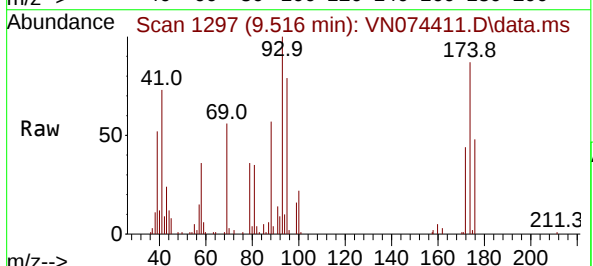
Tgt Ion: 93 Resp: 57785

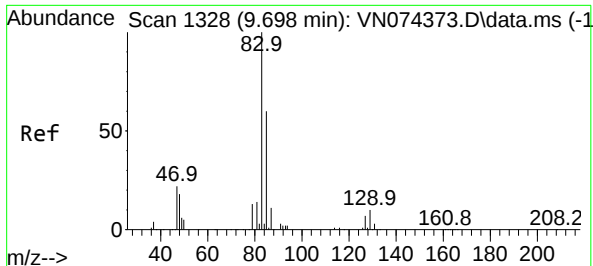
Ion Ratio Lower Upper

93 100

95 83.0 67.5 101.3

174 84.1 67.2 100.8





#47

Bromodichloromethane

Concen: 21.155 ug/l

RT: 9.698 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VN074411.D

Acq: 12 Sep 2022 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

Tgt Ion: 83 Resp: 11470

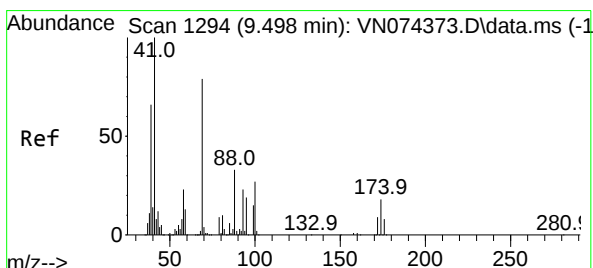
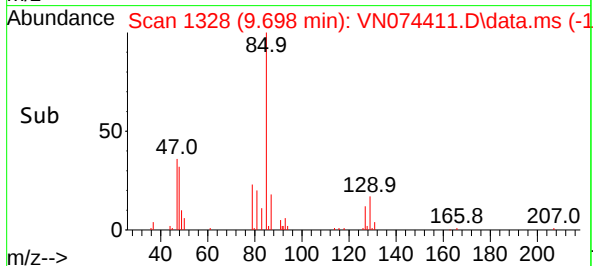
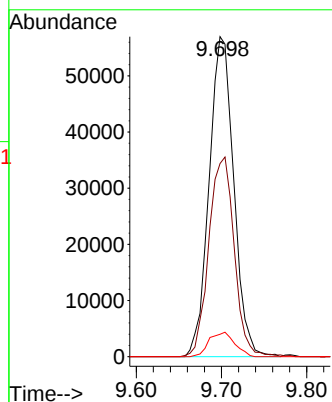
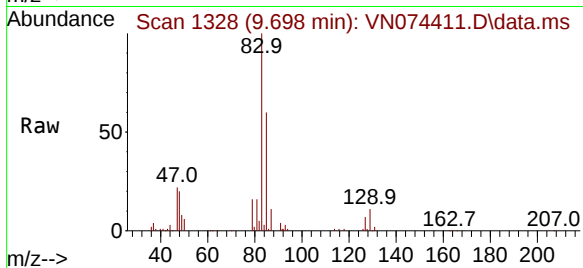
Ion	Ratio	Lower	Upper
83	100		
85	60.3	47.7	71.5
127	7.0	5.4	8.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#48

Methyl methacrylate

Concen: 21.455 ug/l

RT: 9.498 min Scan# 1294

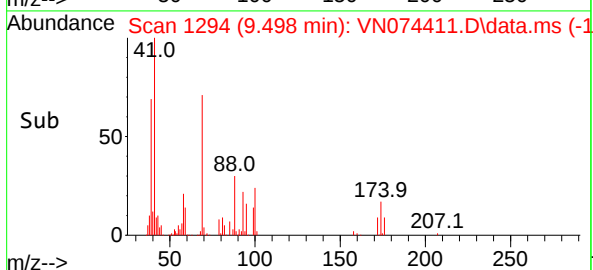
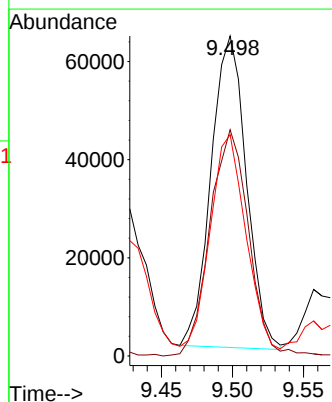
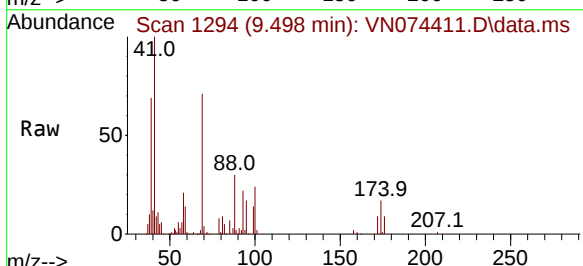
Delta R.T. 0.000 min

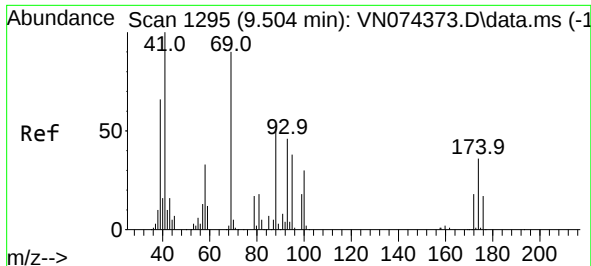
Lab File: VN074411.D

Acq: 12 Sep 2022 14:10

Tgt Ion: 41 Resp: 109641

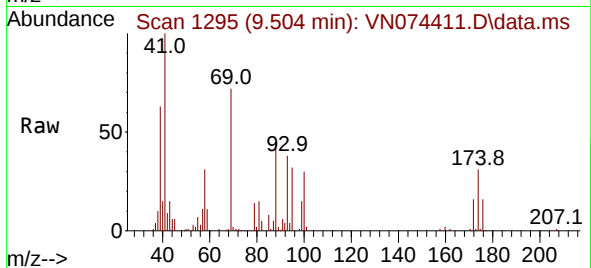
Ion	Ratio	Lower	Upper
41	100		
69	79.7	67.6	101.4
39	69.0	58.2	87.4





#49
1,4-Dioxane
Concen: 449.421 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

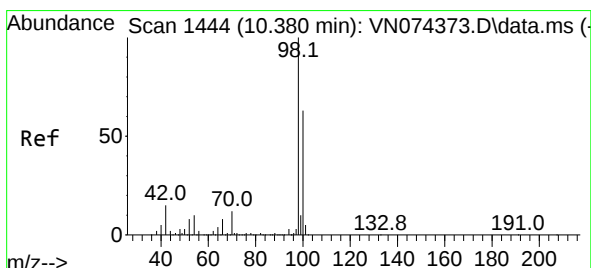
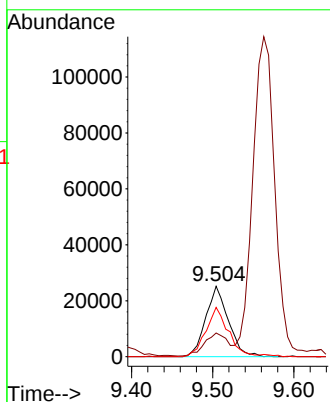
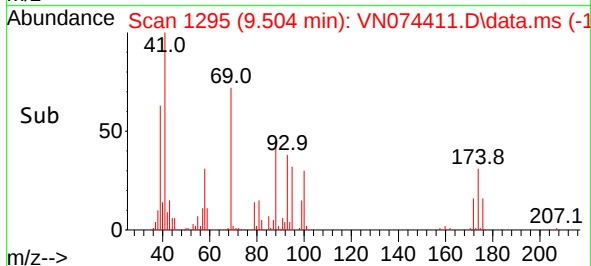
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



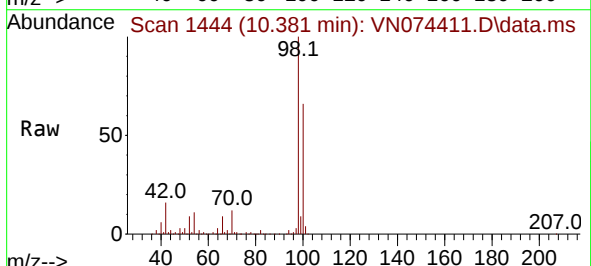
Tgt Ion: 88 Resp: 48395
Ion Ratio Lower Upper
88 100
43 32.2 26.9 40.3
58 69.9 52.7 79.1

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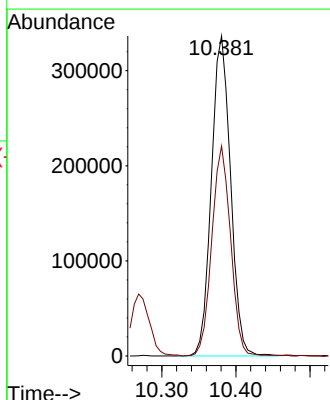
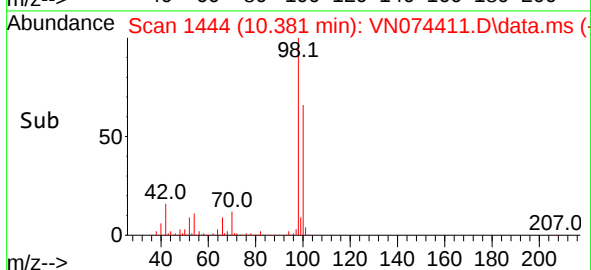
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

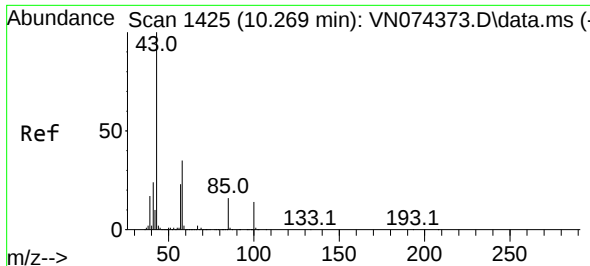


#50
Toluene-d8
Concen: 52.292 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10



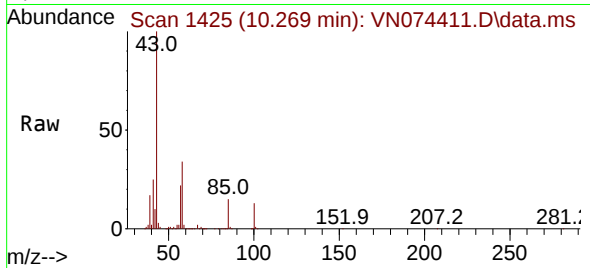
Tgt Ion: 98 Resp: 604524
Ion Ratio Lower Upper
98 100
100 64.5 50.6 76.0





#51
4-Methyl-2-Pentanone
Concen: 115.367 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

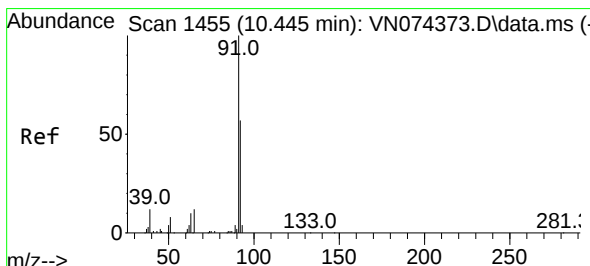
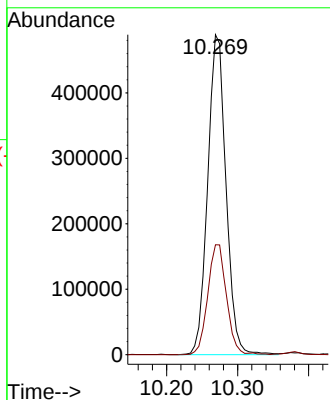
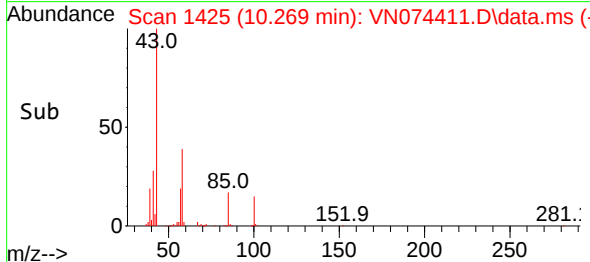
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



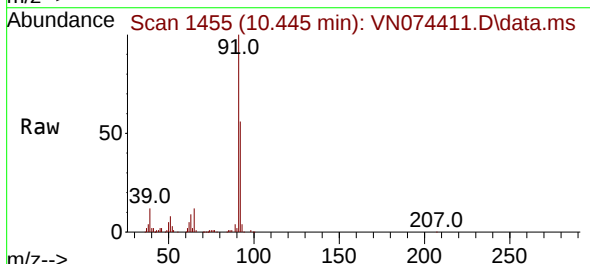
Tgt Ion: 43 Resp: 87484
Ion Ratio Lower Upper
43 100
58 35.1 29.0 43.6

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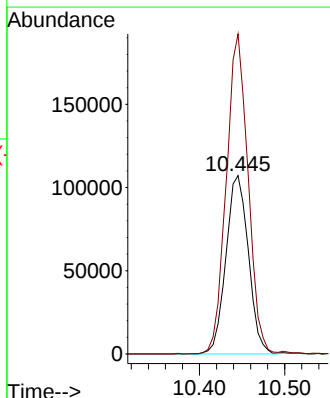
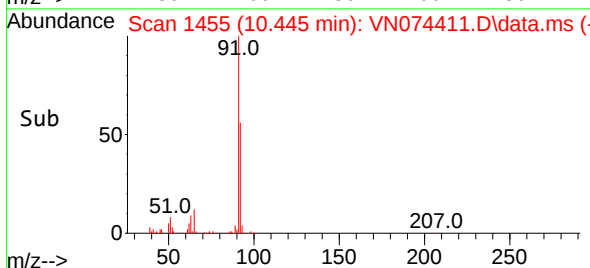
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

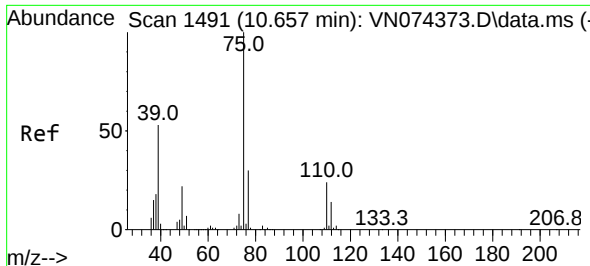


#52
Toluene
Concen: 21.264 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10



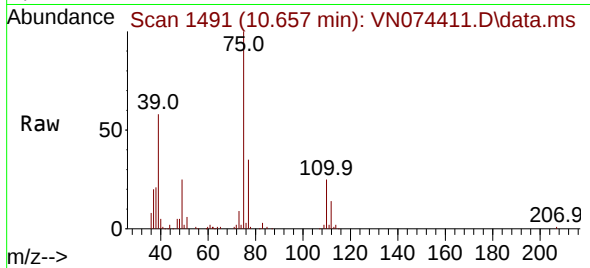
Tgt Ion: 92 Resp: 196800
Ion Ratio Lower Upper
92 100
91 173.5 139.8 209.6





#53
t-1,3-Dichloropropene
Concen: 20.787 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

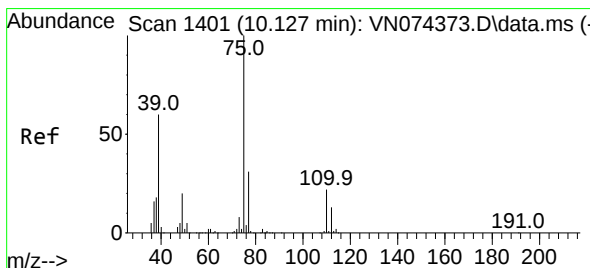
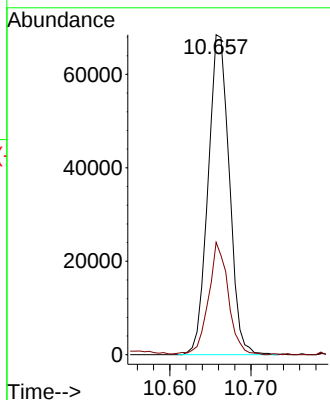
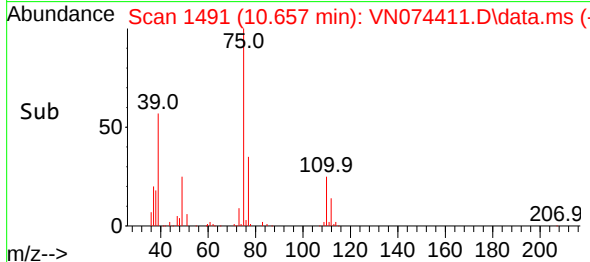
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



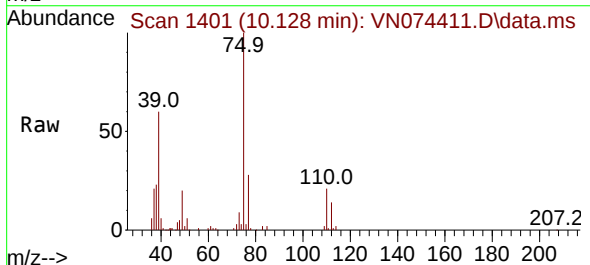
Tgt Ion: 75 Resp: 12433
Ion Ratio Lower Upper
75 100
77 34.9 23.9 35.9

Manual Integrations
APPROVED

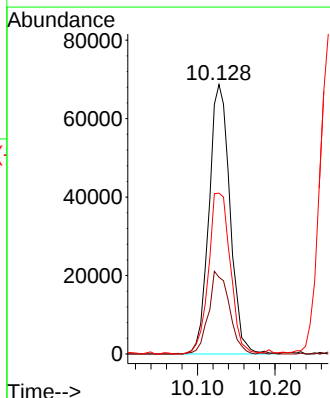
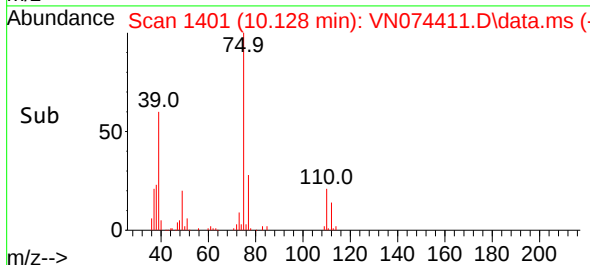
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

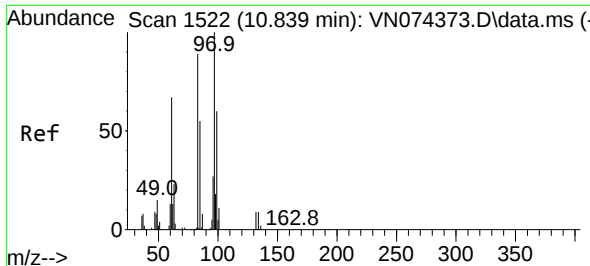


#54
cis-1,3-Dichloropropene
Concen: 20.248 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10



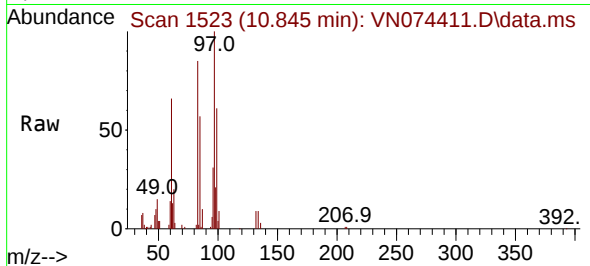
Tgt Ion: 75 Resp: 129108
Ion Ratio Lower Upper
75 100
77 28.4 24.5 36.7
39 59.7 48.0 72.0





#55
1,1,2-Trichloroethane
Concen: 21.599 ug/l
RT: 10.845 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

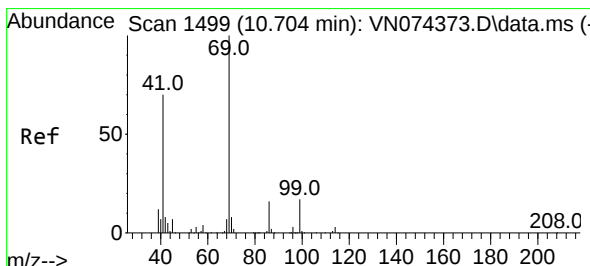
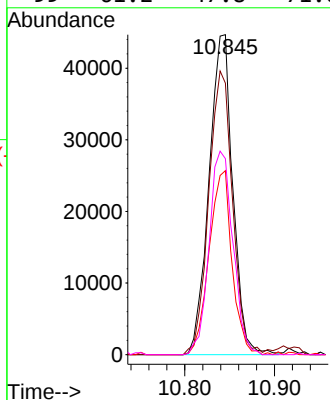
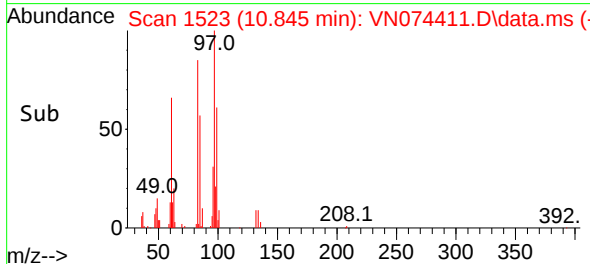
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



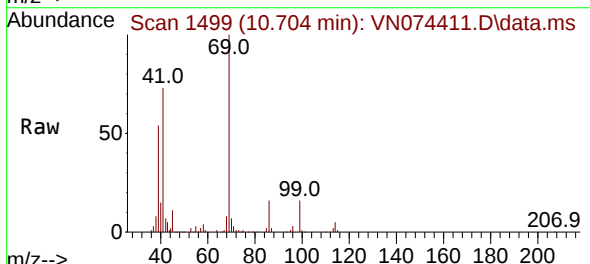
Tgt Ion: 97 Resp: 82398
Ion Ratio Lower Upper
97 100
83 84.9 70.8 106.2
85 57.5 44.1 66.1
99 61.2 47.8 71.6

Manual Integrations
APPROVED

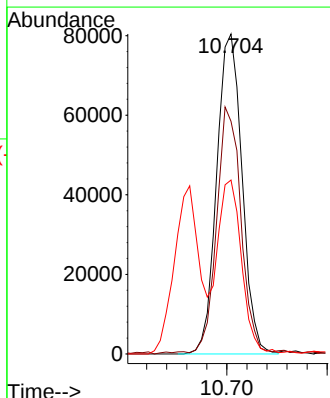
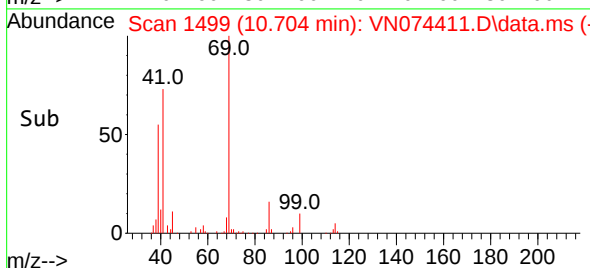
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

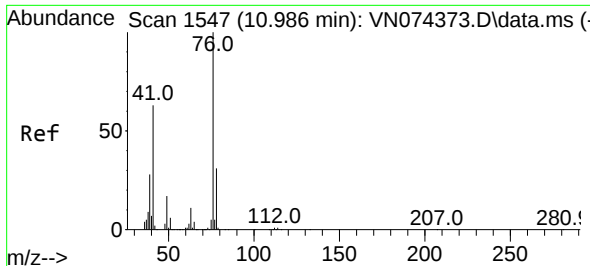


#56
Ethyl methacrylate
Concen: 21.718 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10



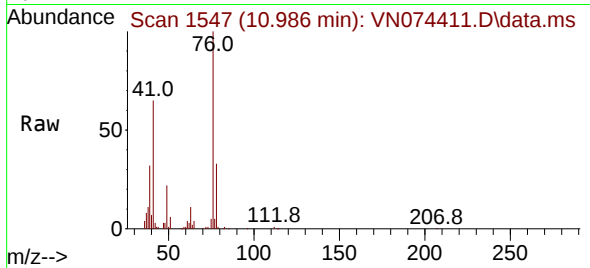
Tgt Ion: 69 Resp: 140777
Ion Ratio Lower Upper
69 100
41 74.7 56.6 85.0
39 51.0 37.4 56.2





#57
1,3-Dichloropropane
Concen: 21.828 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

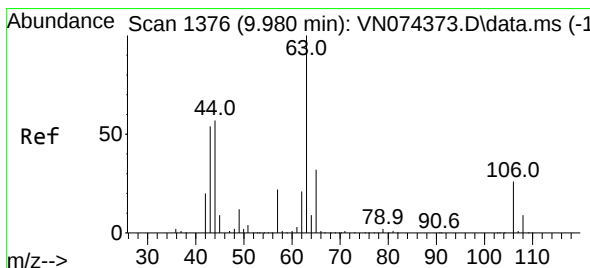
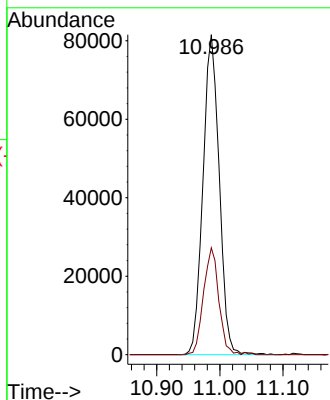
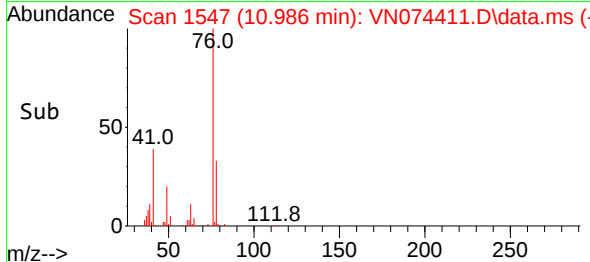
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



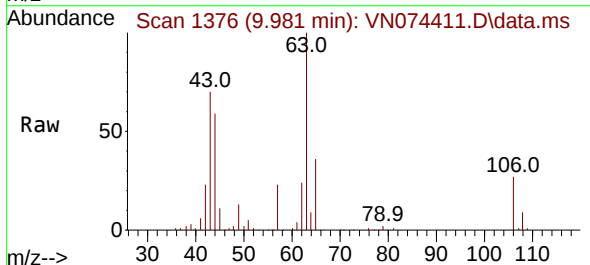
Tgt Ion: 76 Resp: 145552
Ion Ratio Lower Upper
76 100
78 31.2 25.0 37.4

Manual Integrations
APPROVED

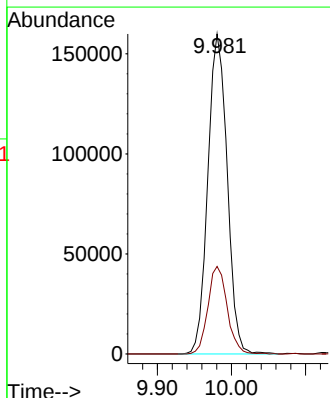
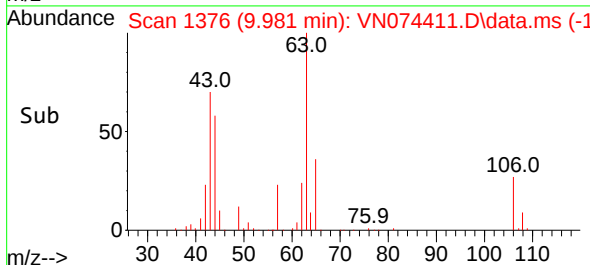
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

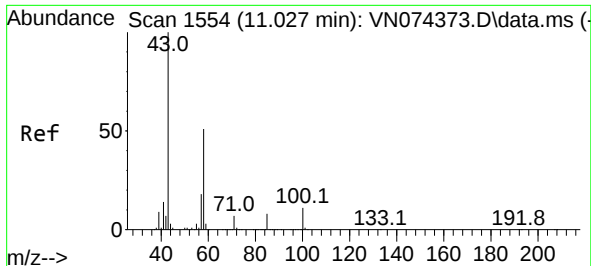


#58
2-Chloroethyl Vinyl ether
Concen: 96.103 ug/l
RT: 9.981 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10



Tgt Ion: 63 Resp: 289785
Ion Ratio Lower Upper
63 100
106 27.2 21.1 31.7





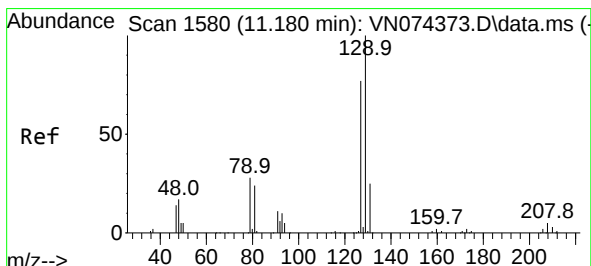
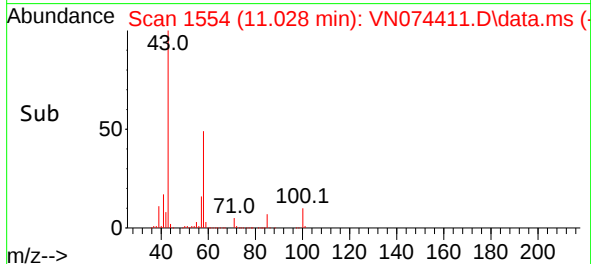
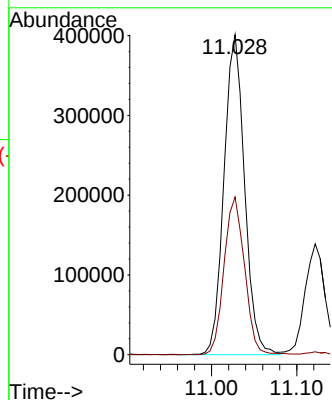
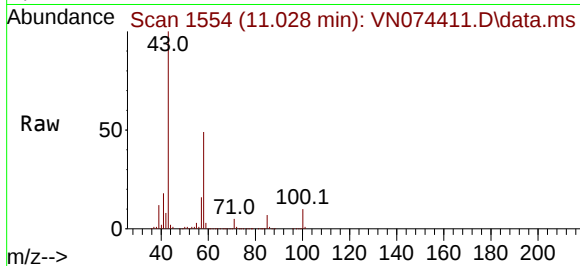
#59
2-Hexanone
Concen: 115.268 ug/l
RT: 11.028 min Scan# 1154
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion: 43 Resp: 67453
Ion Ratio Lower Upper
43 100
58 49.0 25.8 77.3

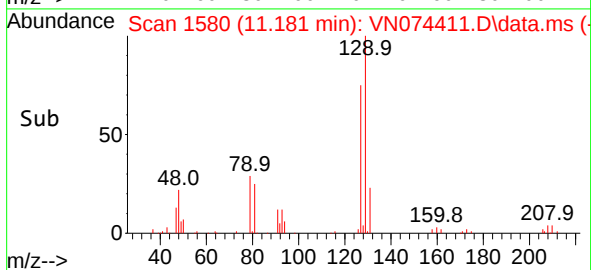
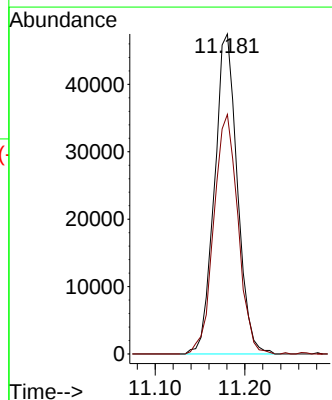
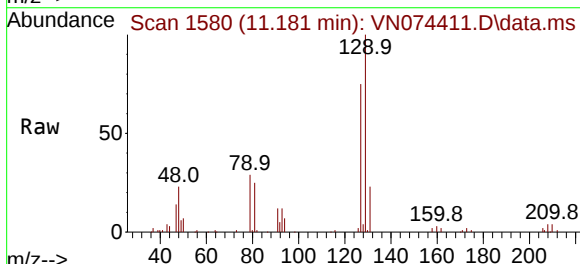
Manual Integrations
APPROVED

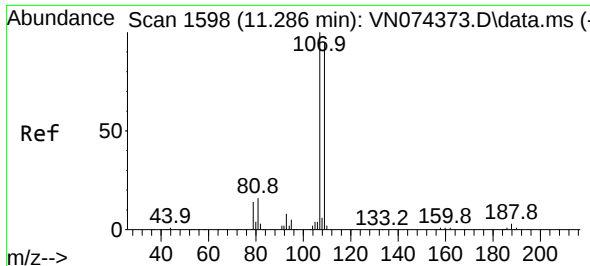
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#60
Dibromochloromethane
Concen: 21.728 ug/l
RT: 11.181 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

Tgt Ion:129 Resp: 83925
Ion Ratio Lower Upper
129 100
127 79.1 38.8 116.3





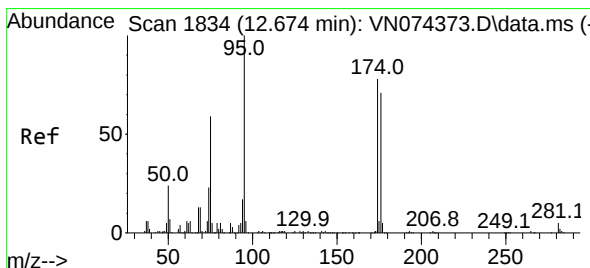
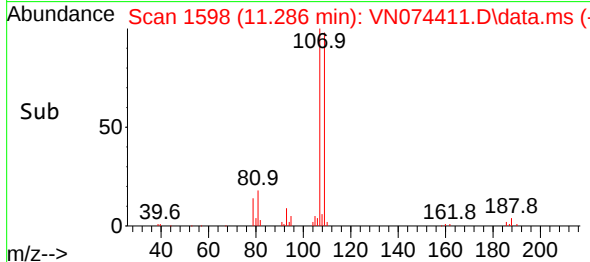
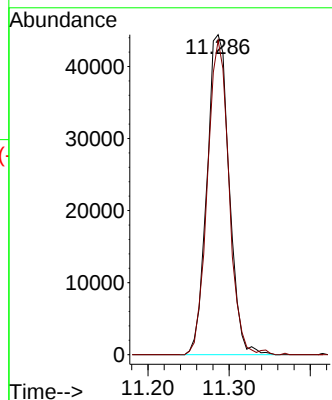
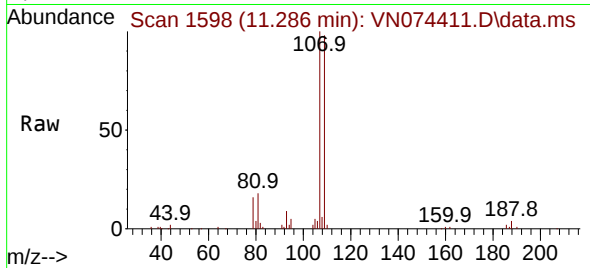
#61
1,2-Dibromoethane
Concen: 21.580 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion:107 Resp: 84690
Ion Ratio Lower Upper
107 100
109 94.4 75.0 112.4

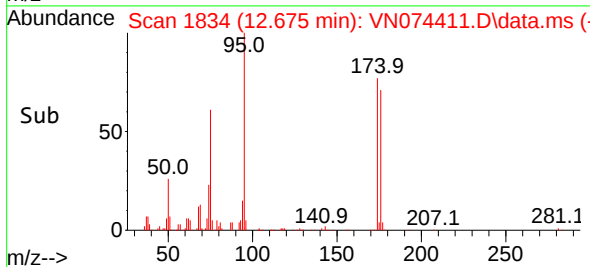
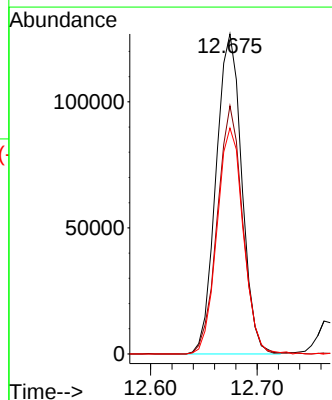
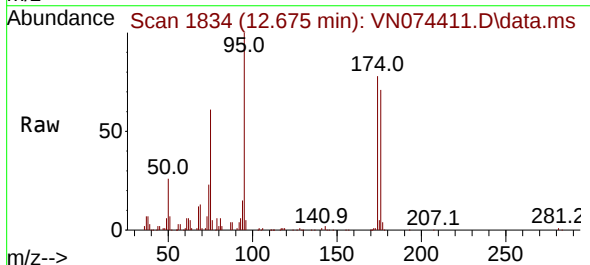
Manual Integrations
APPROVED

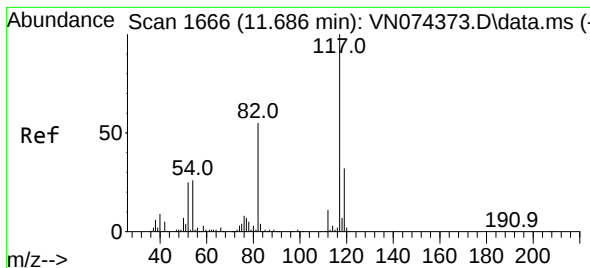
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#62
4-Bromofluorobenzene
Concen: 50.764 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

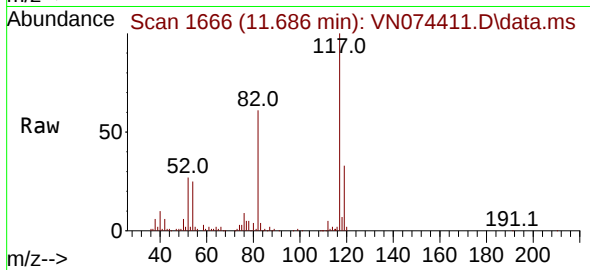
Tgt Ion: 95 Resp: 213069
Ion Ratio Lower Upper
95 100
174 76.2 0.0 150.6
176 72.1 0.0 143.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

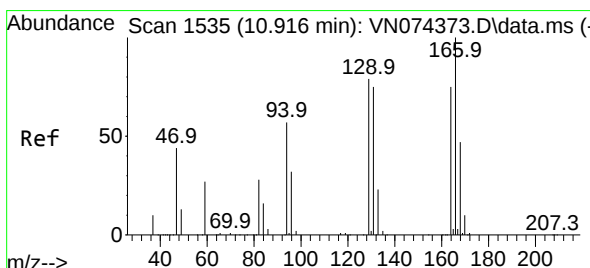
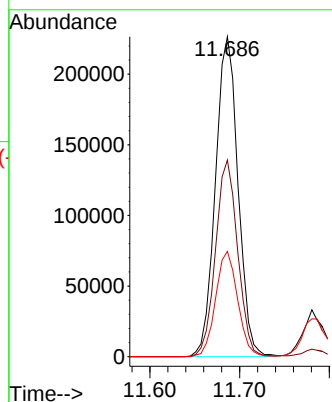
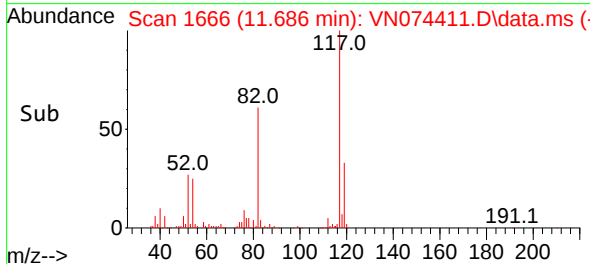
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



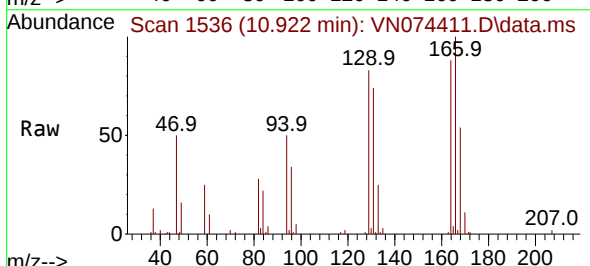
Tgt Ion:117 Resp: 395874
Ion Ratio Lower Upper
117 100
82 61.4 44.3 66.5
119 32.9 25.5 38.3

Manual Integrations
APPROVED

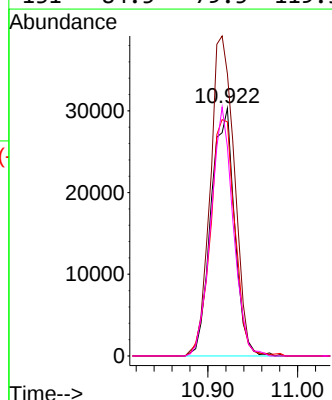
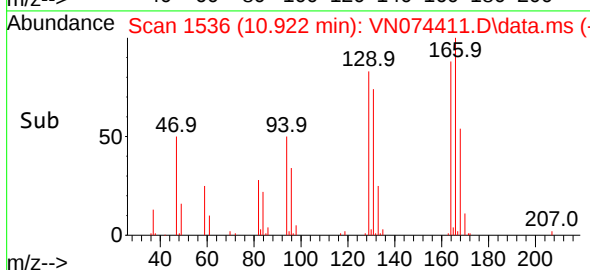
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

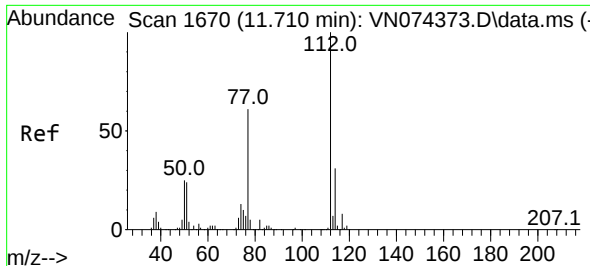


#64
Tetrachloroethene
Concen: 20.494 ug/l
RT: 10.922 min Scan# 1536
Delta R.T. 0.006 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10



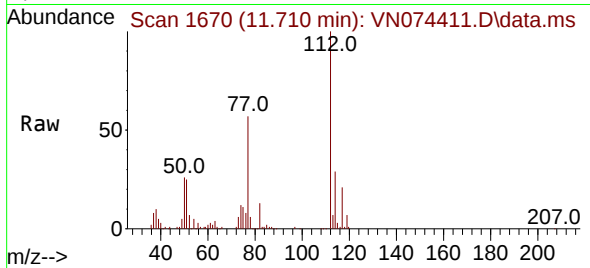
Tgt Ion:164 Resp: 54999
Ion Ratio Lower Upper
164 100
166 114.0 106.6 160.0
129 94.5 84.0 126.0
131 84.5 79.5 119.3





#65
Chlorobenzene
Concen: 21.250 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

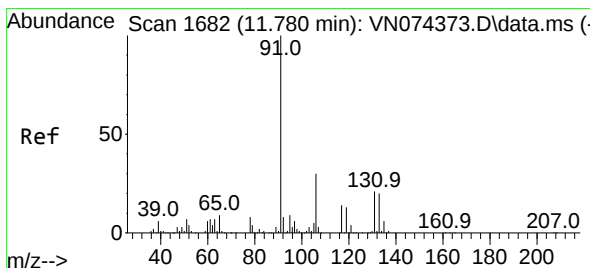
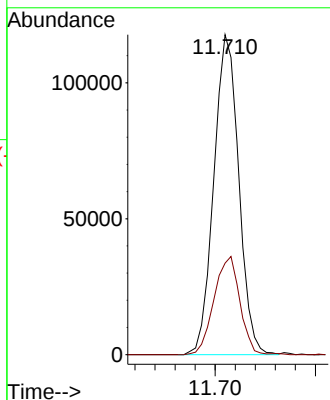
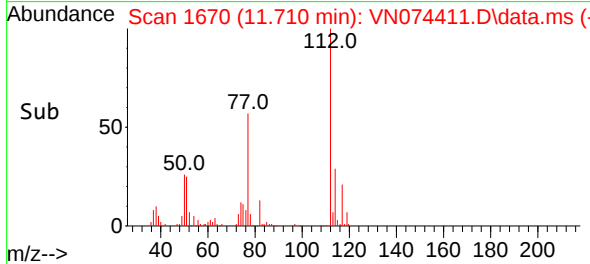
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



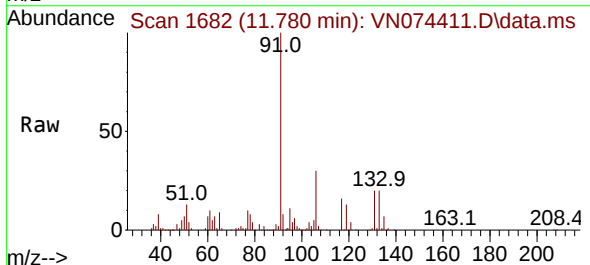
Tgt Ion:112 Resp: 202840
Ion Ratio Lower Upper
112 100
114 28.6 25.1 37.7

Manual Integrations
APPROVED

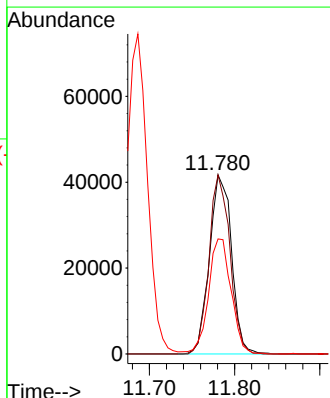
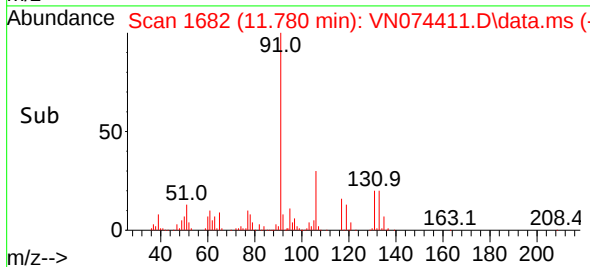
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

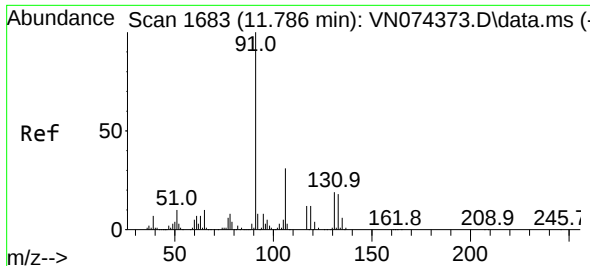


#66
1,1,1,2-Tetrachloroethane
Concen: 20.188 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10



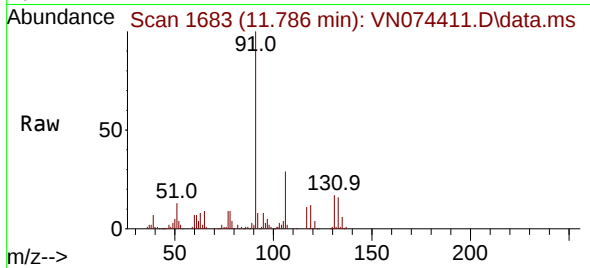
Tgt Ion:131 Resp: 75276
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.8
119 65.7 33.0 98.9





#67
Ethyl Benzene
Concen: 21.078 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

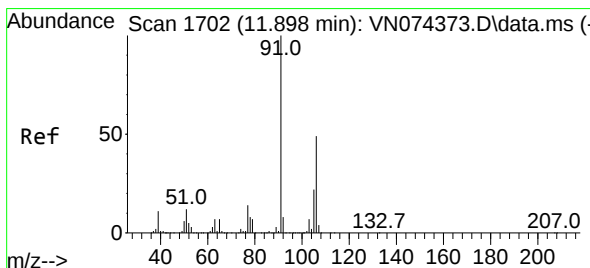
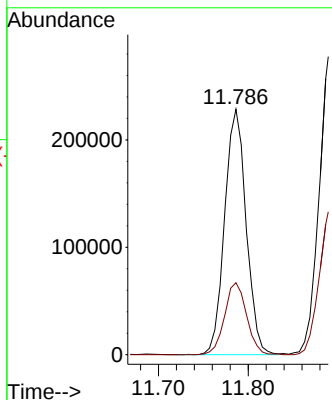
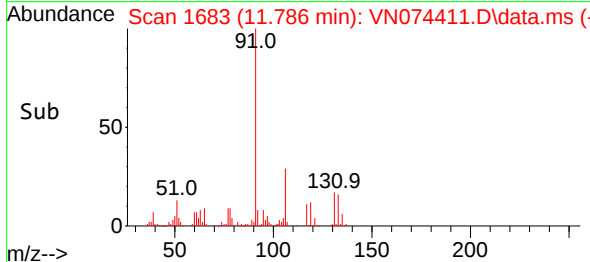
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



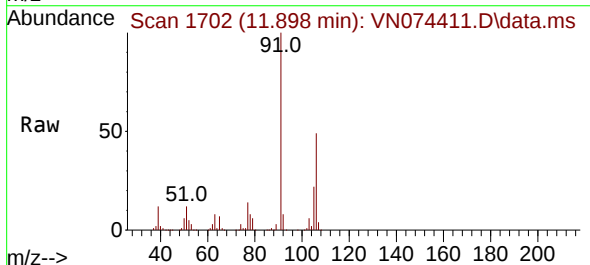
Tgt Ion: 91 Resp: 380032
Ion Ratio Lower Upper
91 100
106 29.3 24.5 36.7

Manual Integrations
APPROVED

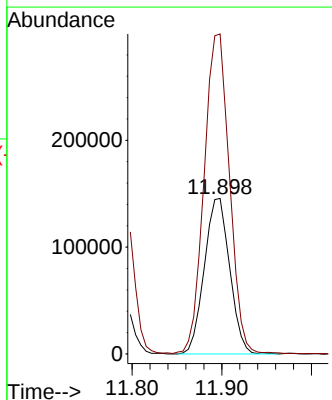
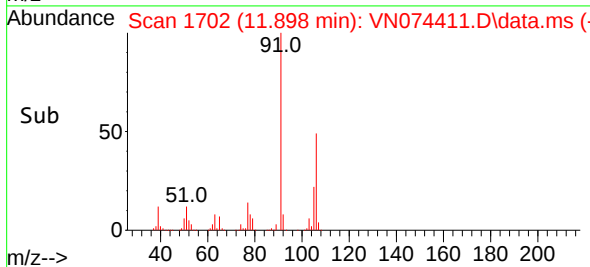
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

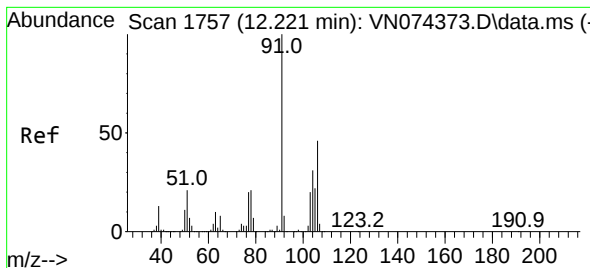


#68
m/p-Xylenes
Concen: 42.232 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10



Tgt Ion:106 Resp: 286244
Ion Ratio Lower Upper
106 100
91 205.5 167.7 251.5





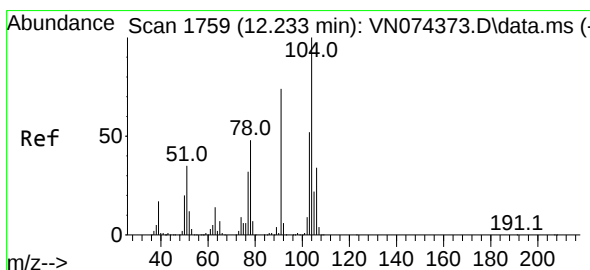
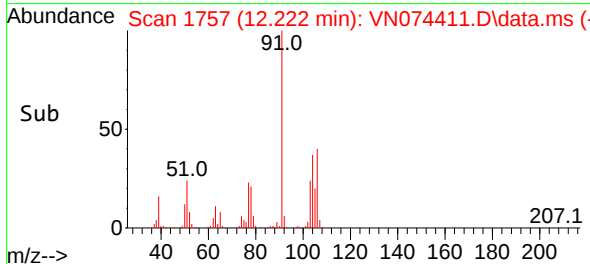
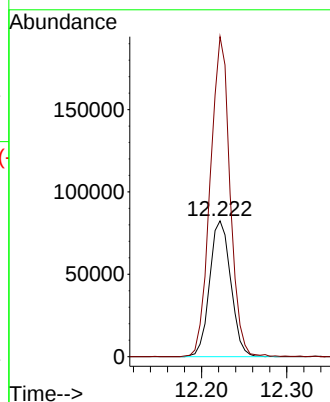
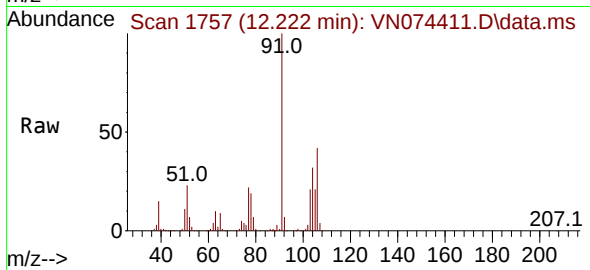
#69
o-Xylene
Concen: 20.831 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion:106 Resp: 141920
Ion Ratio Lower Upper
106 100
91 221.3 109.4 328.2

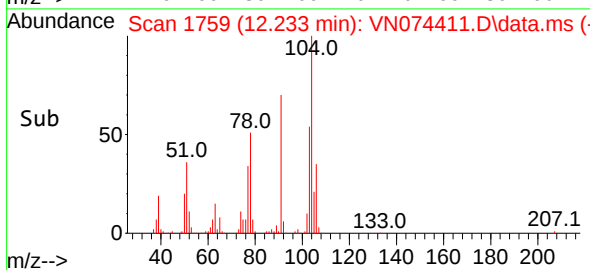
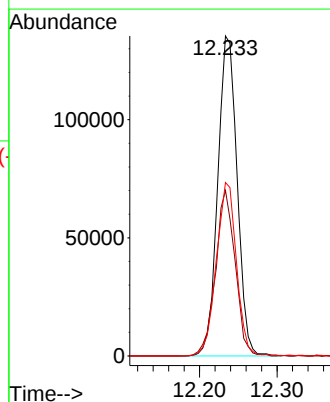
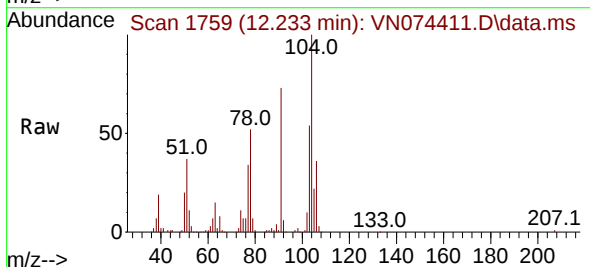
Manual Integrations
APPROVED

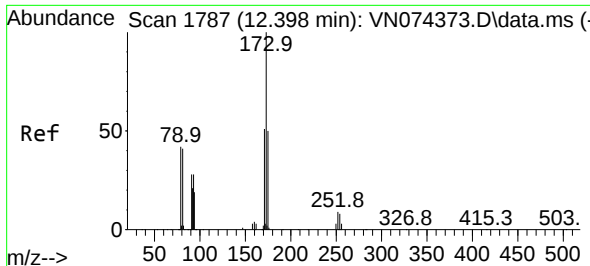
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#70
Styrene
Concen: 21.799 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

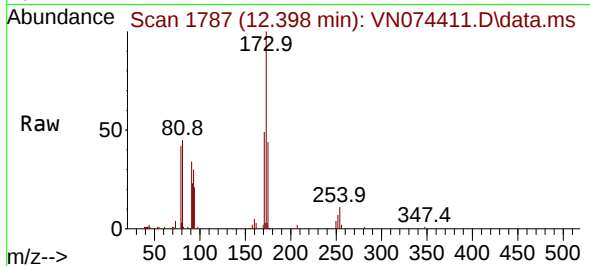
Tgt Ion:104 Resp: 236120
Ion Ratio Lower Upper
104 100
78 52.4 41.8 62.6
103 56.4 43.4 65.2





#71
Bromoform
Concen: 21.572 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

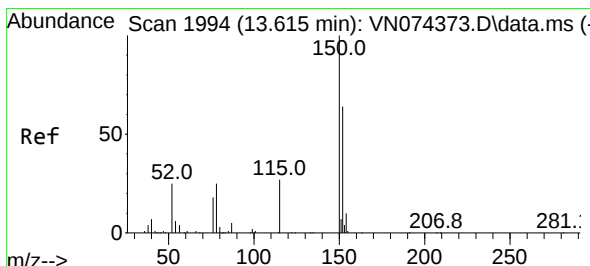
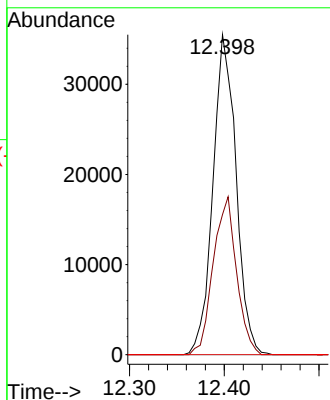
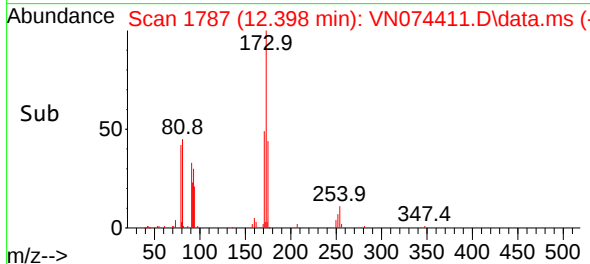
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



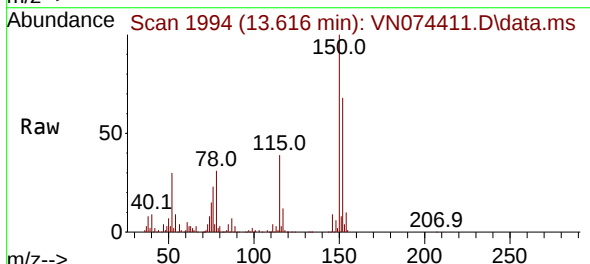
Tgt Ion:173 Resp: 60250
Ion Ratio Lower Upper
173 100
175 49.8 24.1 72.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

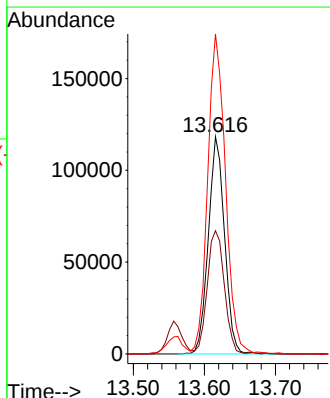
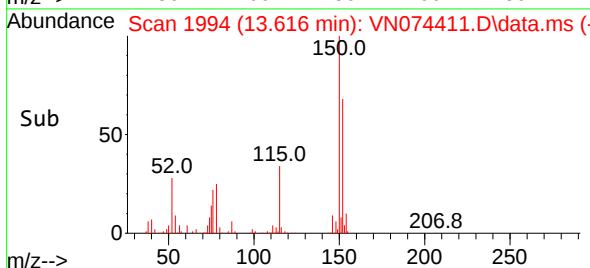
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

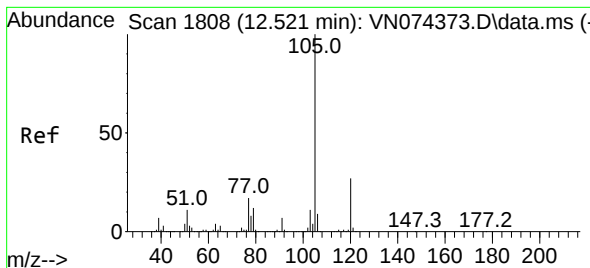


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10



Tgt Ion:152 Resp: 188096
Ion Ratio Lower Upper
152 100
115 59.2 32.0 96.0
150 160.4 0.0 359.6





#73

Isopropylbenzene

Concen: 20.231 ug/l

RT: 12.522 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VN074411.D

Acq: 12 Sep 2022 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

Tgt Ion:105 Resp: 36560

Ion Ratio Lower Upper

105 100

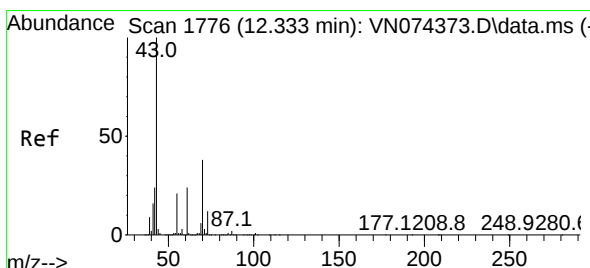
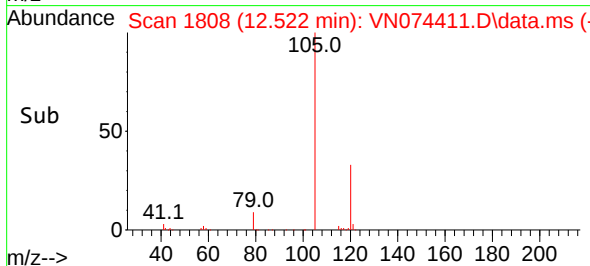
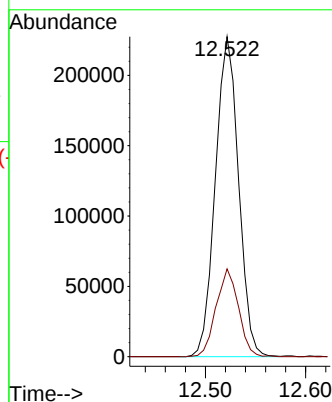
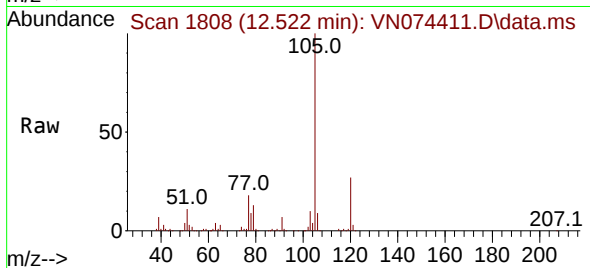
120 26.4 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#74

N-ethyl acetate

Concen: 22.928 ug/l

RT: 12.333 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN074411.D

Acq: 12 Sep 2022 14:10

Tgt Ion: 43 Resp: 218262

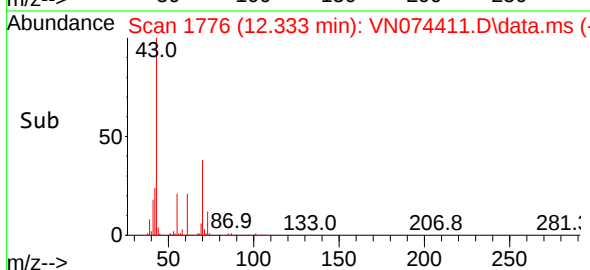
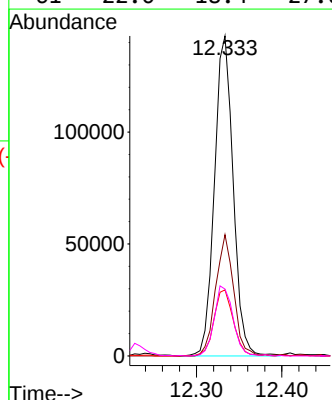
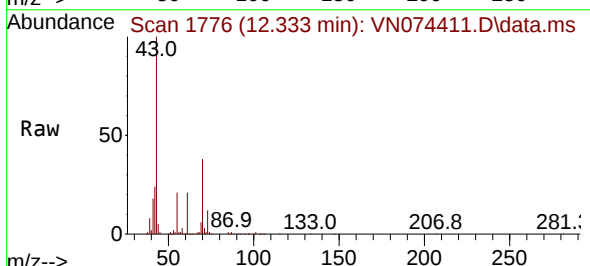
Ion Ratio Lower Upper

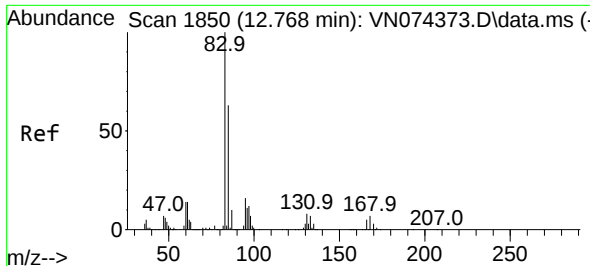
43 100

70 36.6 31.4 47.0

55 21.5 17.0 25.6

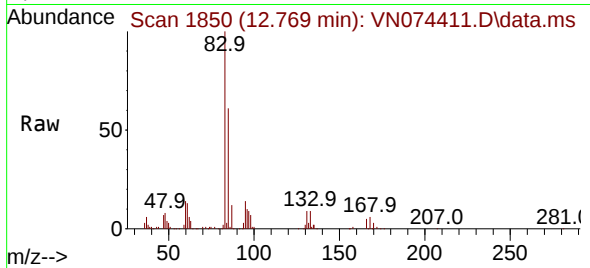
61 22.0 18.4 27.6





#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.856 ug/l
 RT: 12.769 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VN074411.D
 Acq: 12 Sep 2022 14:10

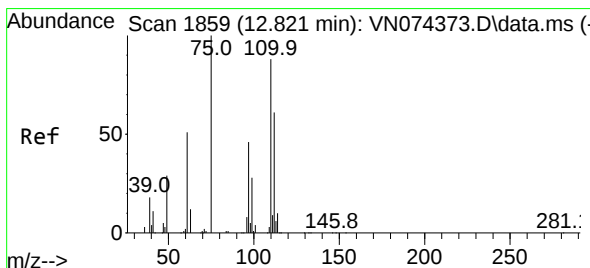
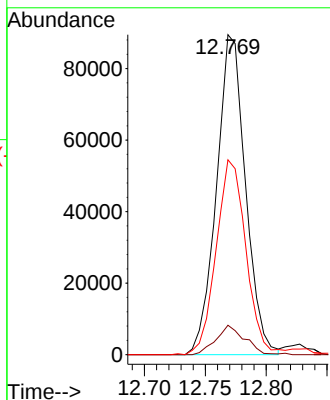
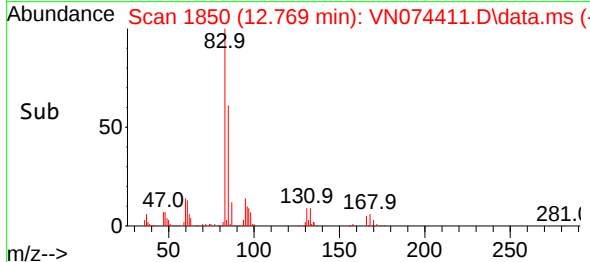
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01



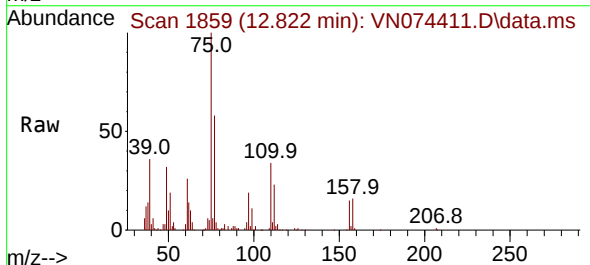
Tgt Ion: 83 Resp: 148432
 Ion Ratio Lower Upper
 83 100
 131 9.2 4.5 13.7
 85 62.5 32.3 96.8

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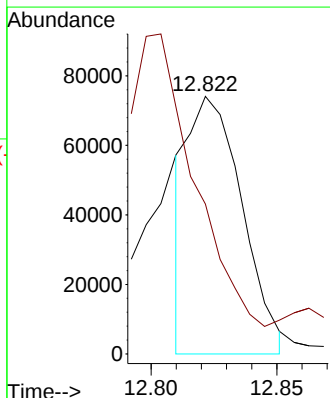
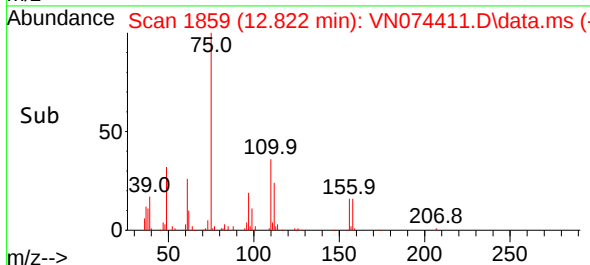
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022

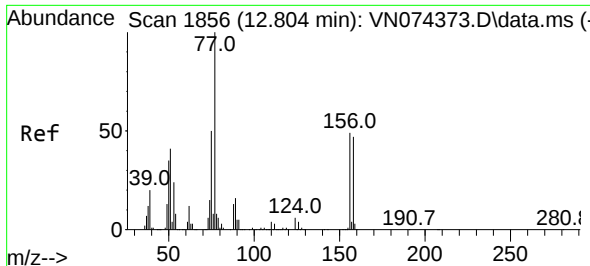


#76
 1,2,3-Trichloropropane
 Concen: 22.511 ug/l m
 RT: 12.822 min Scan# 1859
 Delta R.T. 0.000 min
 Lab File: VN074411.D
 Acq: 12 Sep 2022 14:10



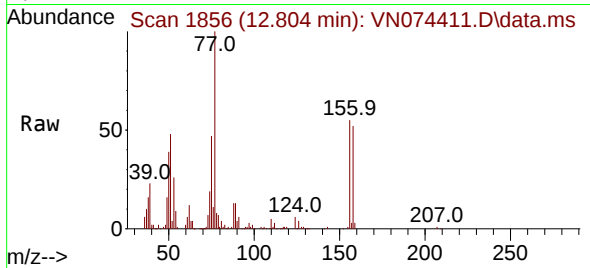
Tgt Ion: 75 Resp: 110692
 Ion Ratio Lower Upper
 75 100
 77 172.7 78.9 236.7





#77
Bromobenzene
Concen: 20.867 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

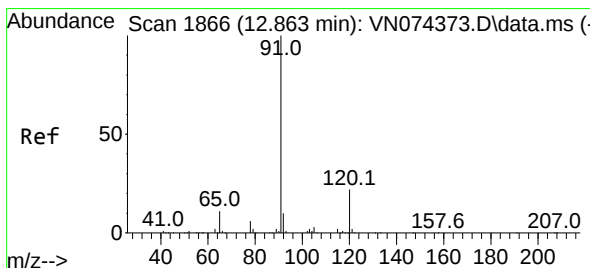
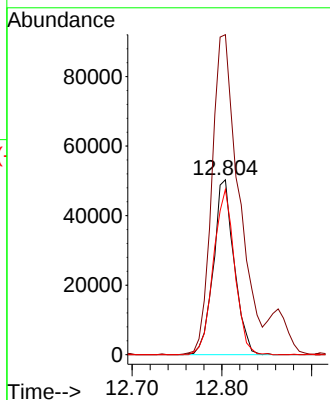
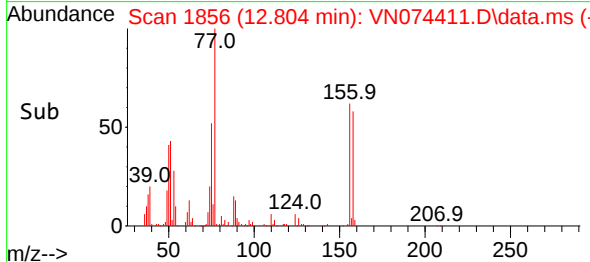
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion:156 Resp: 80950
Ion Ratio Lower Upper
156 100
77 236.2 124.4 373.1
158 96.6 49.2 147.6

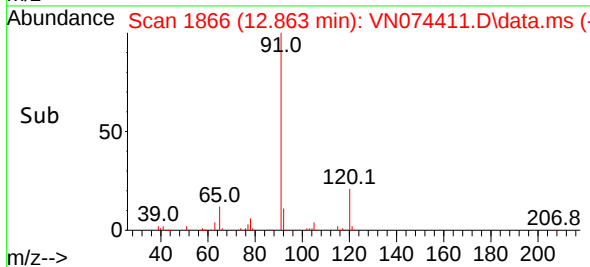
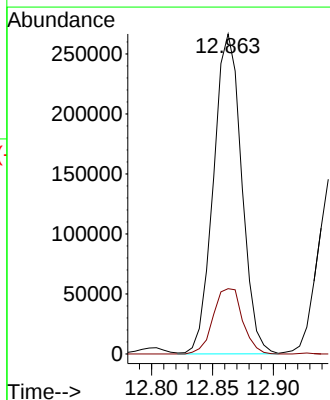
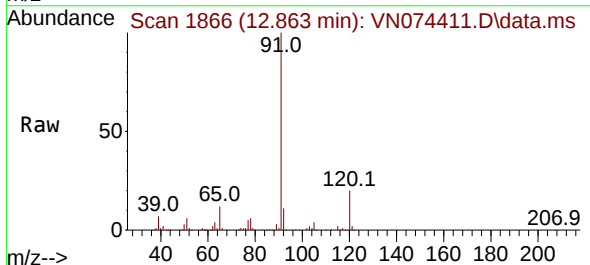
Manual Integrations
APPROVED

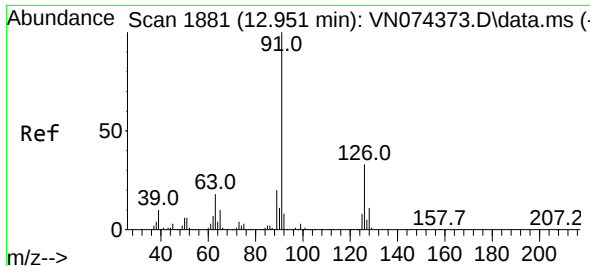
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#78
n-propylbenzene
Concen: 20.720 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

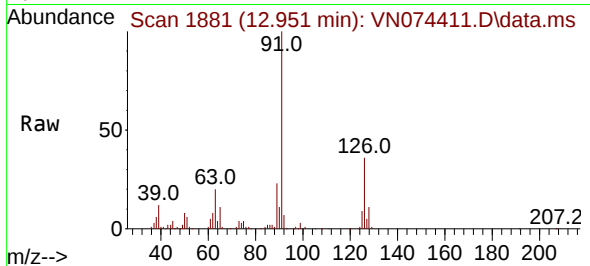
Tgt Ion: 91 Resp: 428958
Ion Ratio Lower Upper
91 100
120 21.3 11.1 33.1





#79
2-Chlorotoluene
Concen: 20.541 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

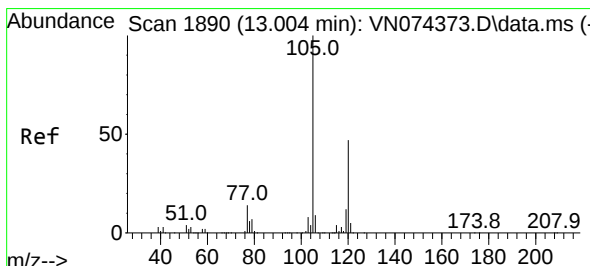
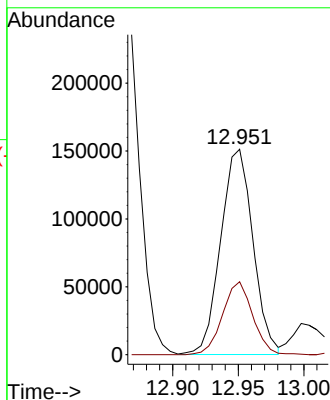
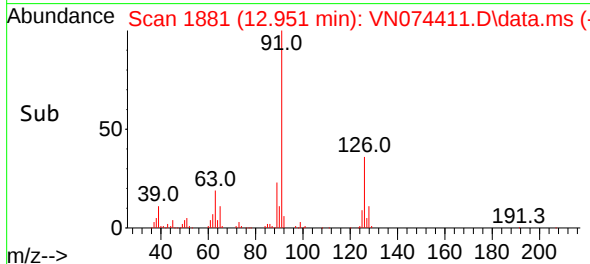
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



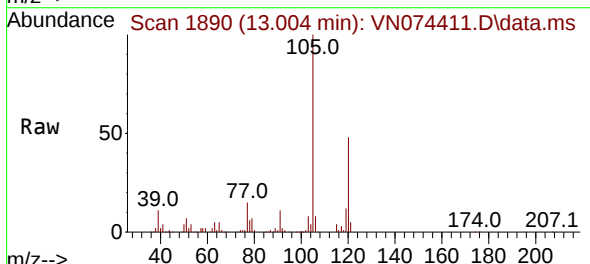
Tgt Ion: 91 Resp: 259275
Ion Ratio Lower Upper
91 100
126 33.2 16.2 48.5

Manual Integrations
APPROVED

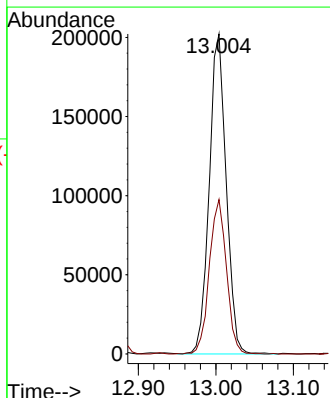
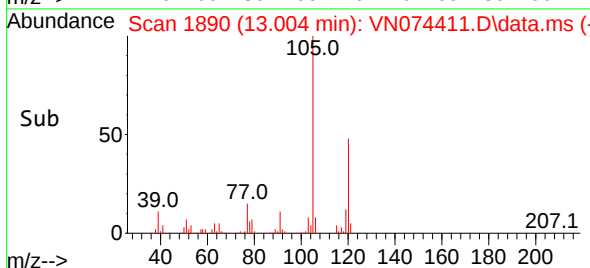
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

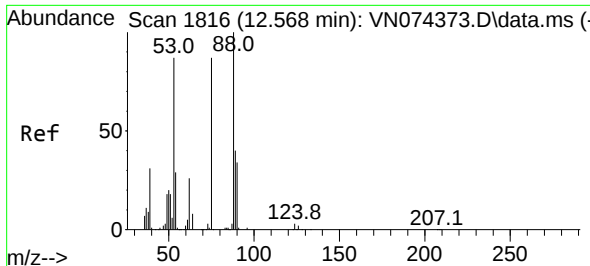


#80
1,3,5-Trimethylbenzene
Concen: 20.496 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10



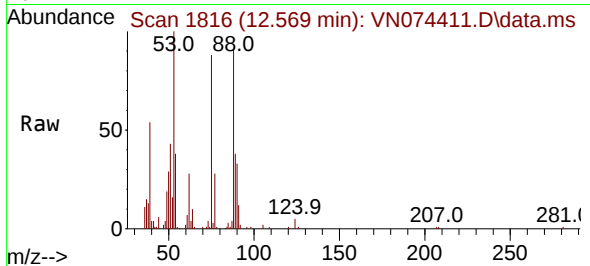
Tgt Ion:105 Resp: 307295
Ion Ratio Lower Upper
105 100
120 48.7 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 20.550 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

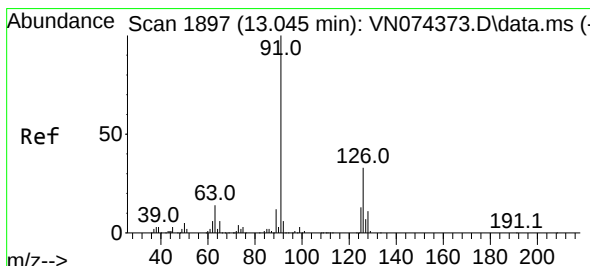
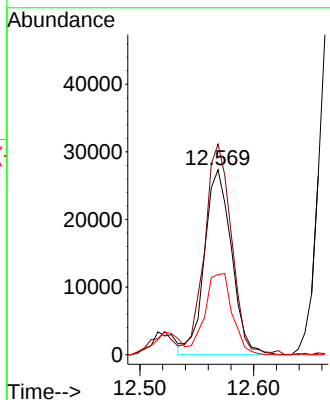
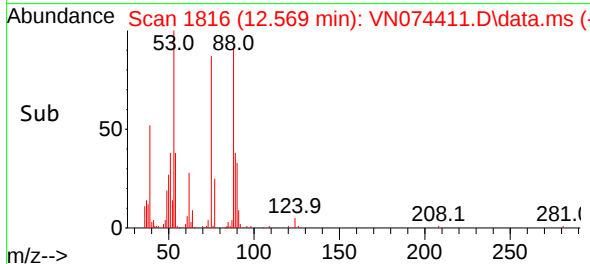
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion: 75 Resp: 4533
Ion Ratio Lower Upper
75 100
53 113.8 82.2 123.2
89 44.6 37.7 56.5

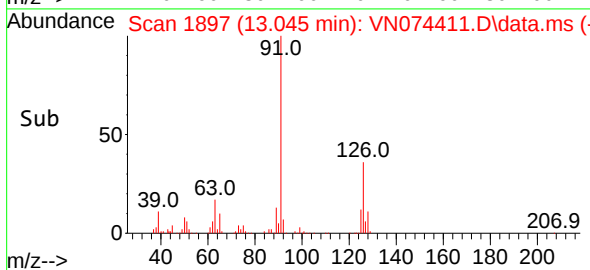
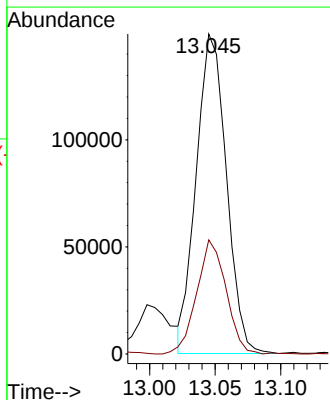
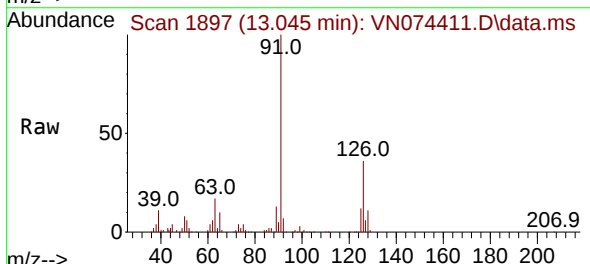
Manual Integrations
APPROVED

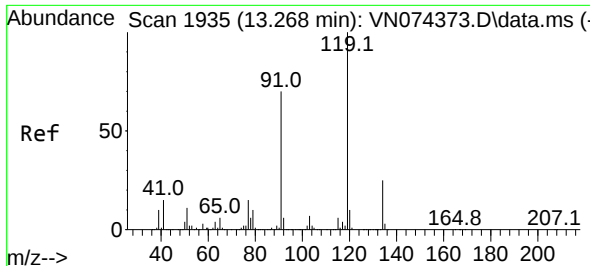
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#82
4-Chlorotoluene
Concen: 19.604 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

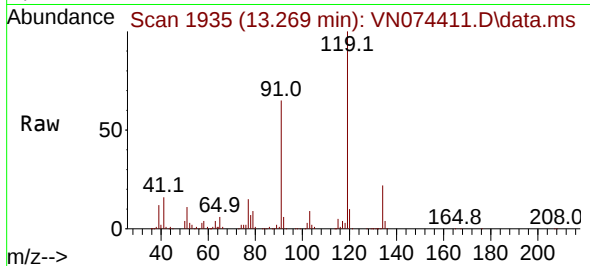
Tgt Ion: 91 Resp: 238749
Ion Ratio Lower Upper
91 100
126 34.9 16.4 49.1





#83
 tert-Butylbenzene
 Concen: 20.406 ug/l
 RT: 13.269 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: VN074411.D
 Acq: 12 Sep 2022 14:10

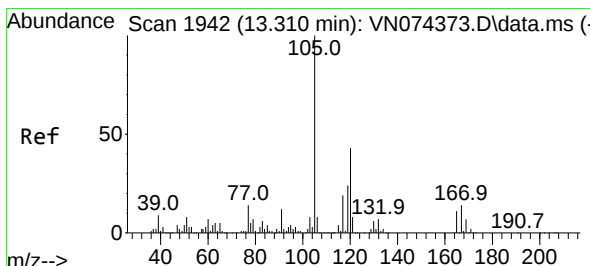
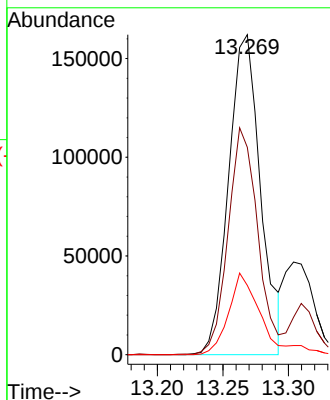
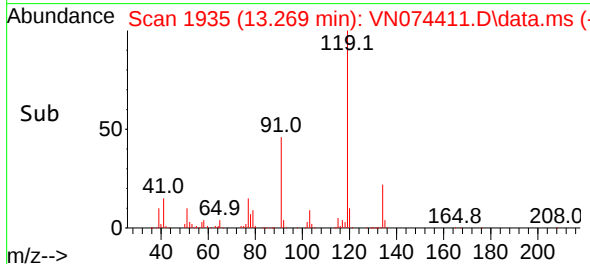
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01



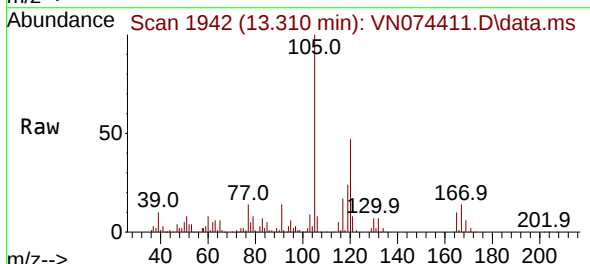
Tgt Ion:119 Resp: 275449
 Ion Ratio Lower Upper
 119 100
 91 65.7 33.8 101.3
 134 26.1 13.1 39.3

Manual Integrations
 APPROVED

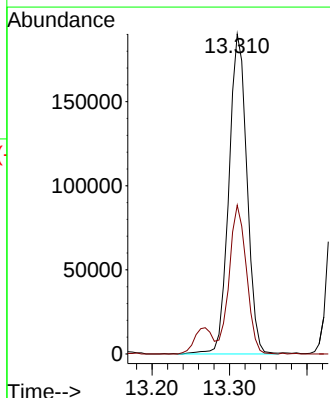
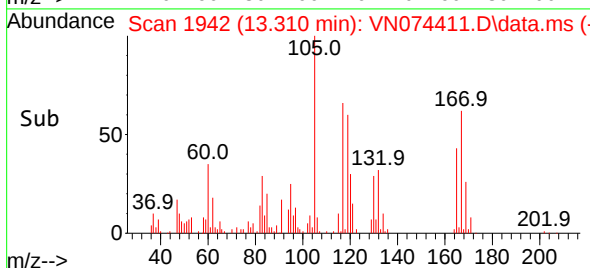
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022

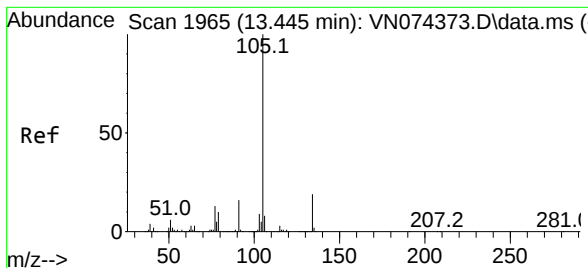


#84
 1,2,4-Trimethylbenzene
 Concen: 20.766 ug/l
 RT: 13.310 min Scan# 1942
 Delta R.T. 0.000 min
 Lab File: VN074411.D
 Acq: 12 Sep 2022 14:10



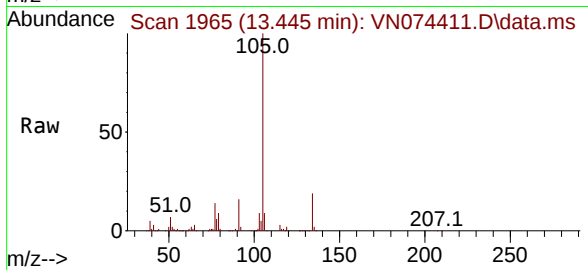
Tgt Ion:105 Resp: 308593
 Ion Ratio Lower Upper
 105 100
 120 44.7 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 20.976 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VN074411.D
 Acq: 12 Sep 2022 14:10

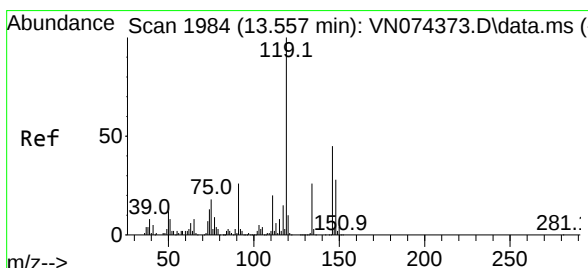
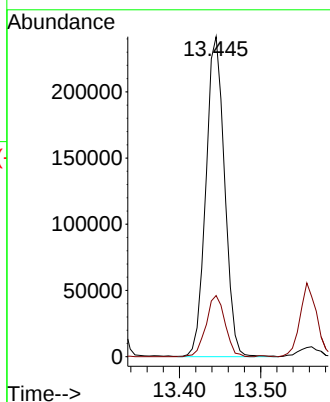
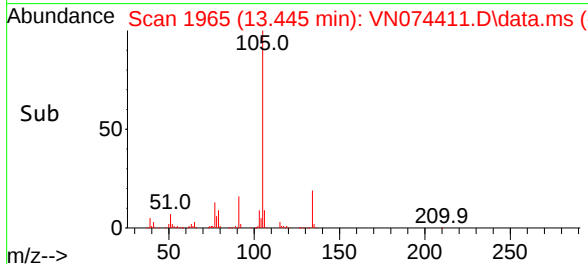
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01



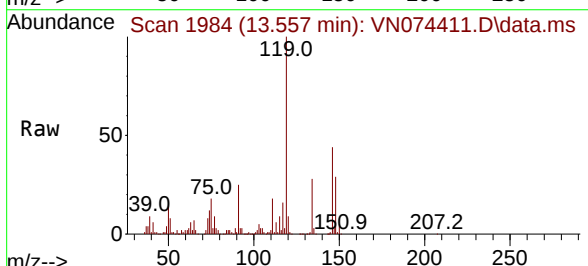
Tgt Ion:105 Resp: 385307
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9

Manual Integrations
 APPROVED

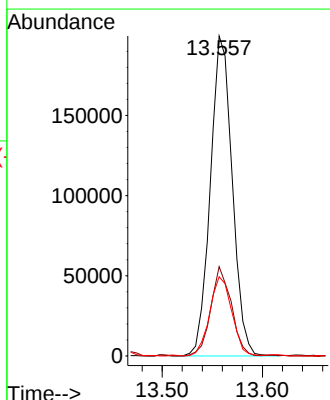
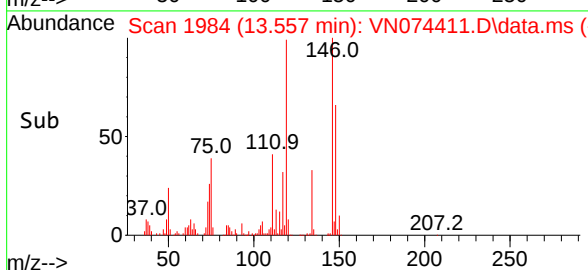
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022

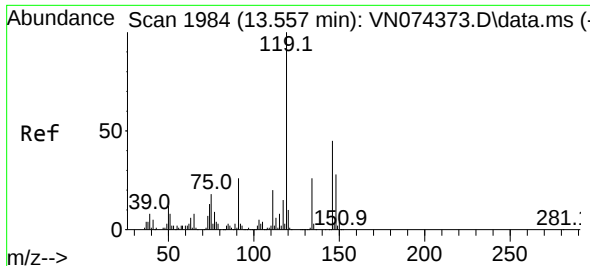


#86
 p-Isopropyltoluene
 Concen: 20.548 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN074411.D
 Acq: 12 Sep 2022 14:10



Tgt Ion:119 Resp: 302123
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 38.9
 91 25.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 20.578 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN074411.D

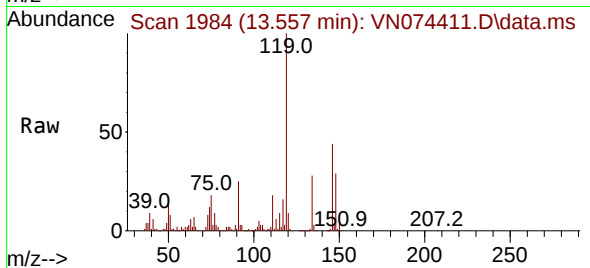
Acq: 12 Sep 2022 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01



Tgt Ion:146 Resp: 147600

Ion Ratio Lower Upper

146 100

111 39.3 21.5 64.5

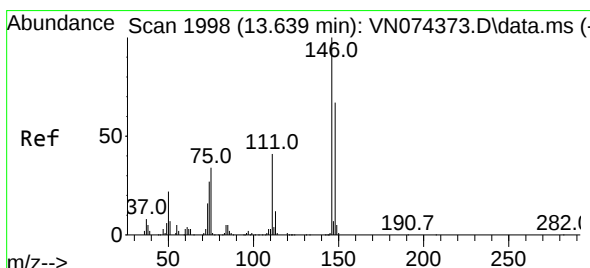
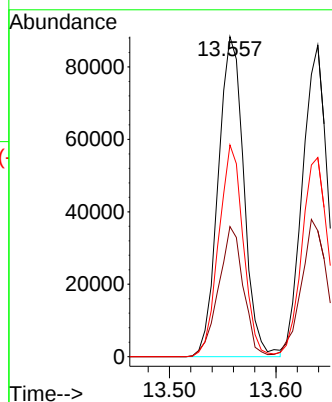
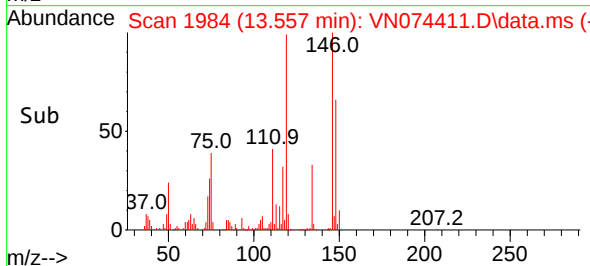
148 63.4 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#88

1,4-Dichlorobenzene

Concen: 19.532 ug/l

RT: 13.639 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN074411.D

Acq: 12 Sep 2022 14:10

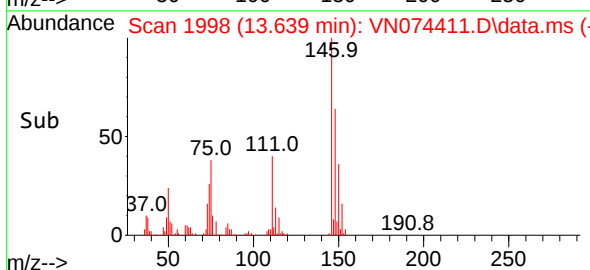
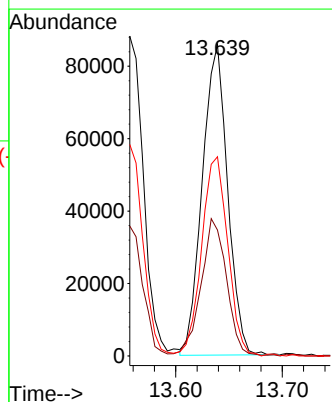
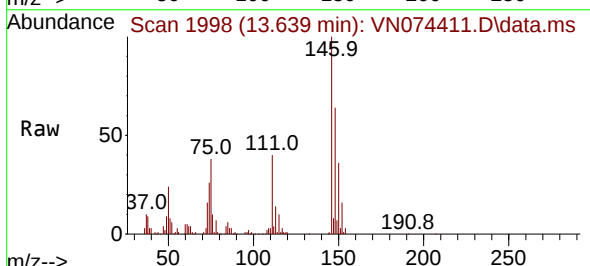
Tgt Ion:146 Resp: 141529

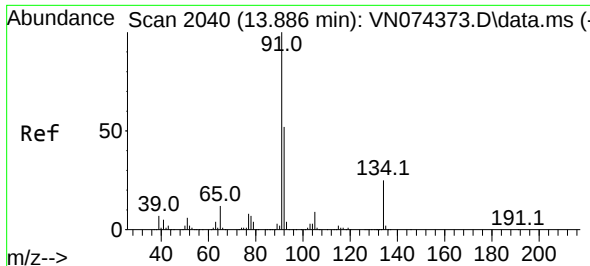
Ion Ratio Lower Upper

146 100

111 44.8 20.8 62.2

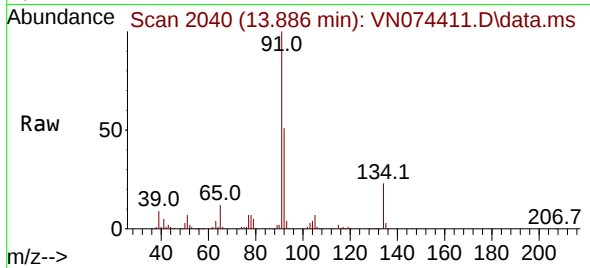
148 66.3 32.1 96.5





#89
n-Butylbenzene
Concen: 20.362 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

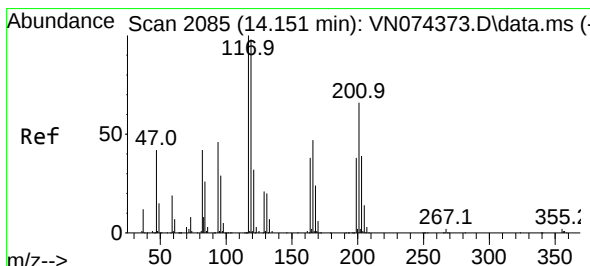
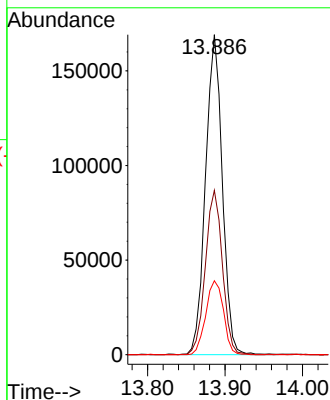
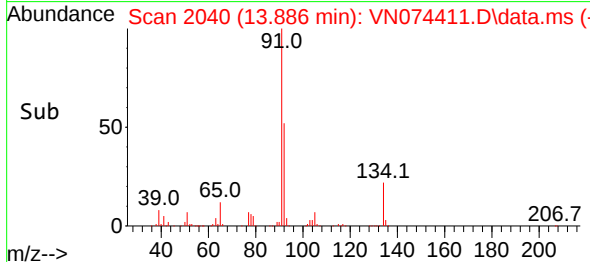
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion: 91 Resp: 25476
Ion Ratio Lower Upper
91 100
92 52.0 25.8 77.4
134 24.3 12.4 37.0

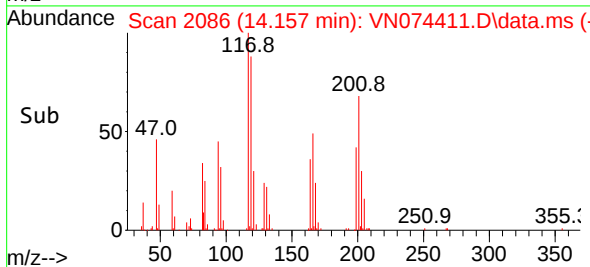
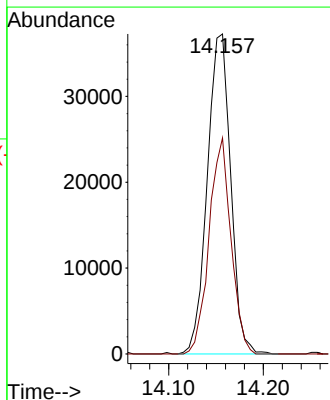
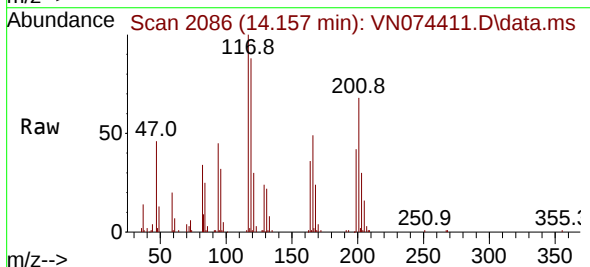
Manual Integrations
APPROVED

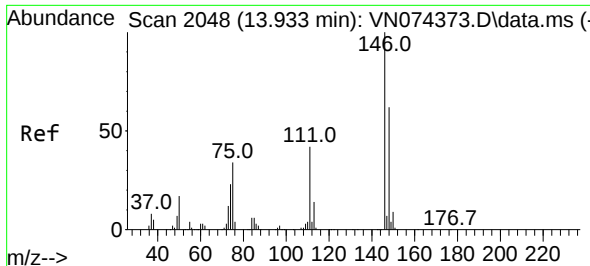
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#90
Hexachloroethane
Concen: 20.577 ug/l
RT: 14.157 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

Tgt Ion:117 Resp: 63915
Ion Ratio Lower Upper
117 100
201 63.1 32.6 98.0





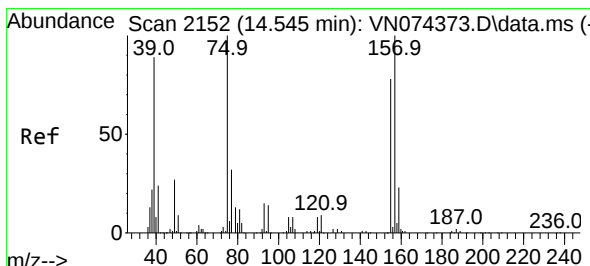
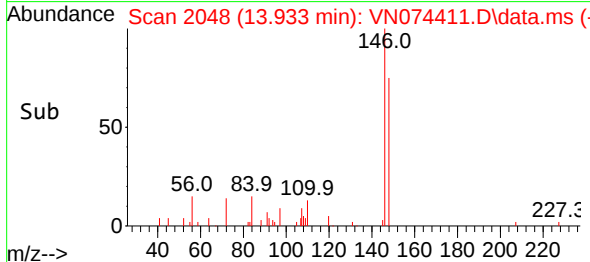
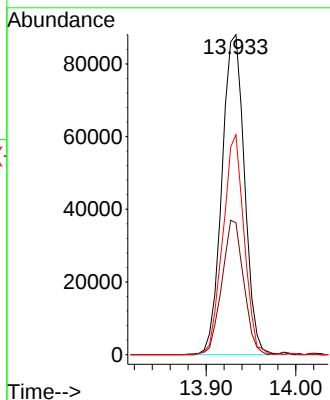
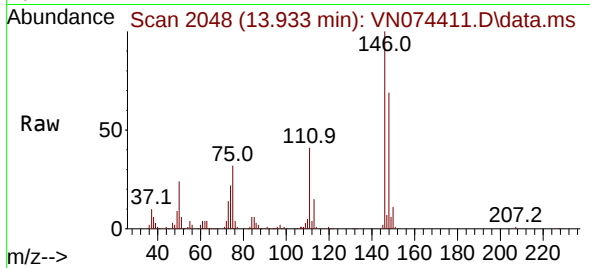
#91
1,2-Dichlorobenzene
Concen: 20.376 ug/l
RT: 13.933 min Scan# 2048
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion:146 Resp: 153700
Ion Ratio Lower Upper
146 100
111 40.5 21.9 65.7
148 64.7 31.4 94.2

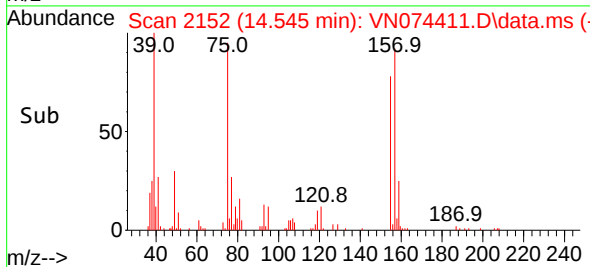
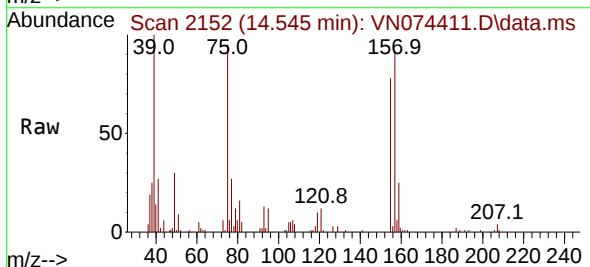
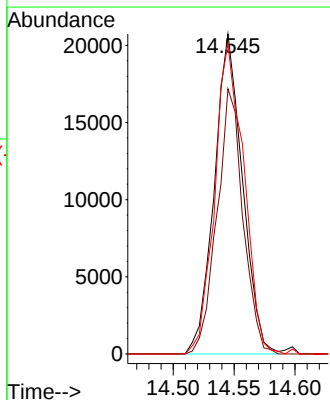
Manual Integrations
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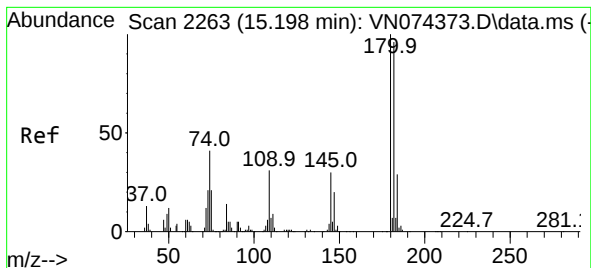
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.835 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

Tgt Ion: 75 Resp: 33348
Ion Ratio Lower Upper
75 100
155 76.8 36.6 109.9
157 100.2 46.2 138.5





#93

1,2,4-Trichlorobenzene

Concen: 20.368 ug/l

RT: 15.198 min Scan# 2263

Delta R.T. 0.000 min

Lab File: VN074411.D

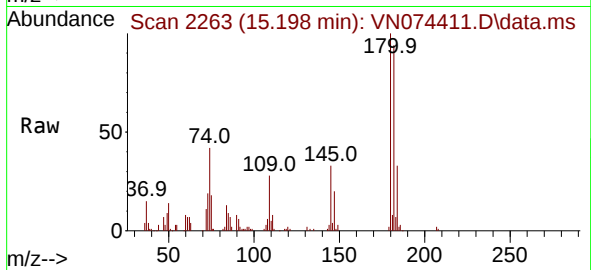
Acq: 12 Sep 2022 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01



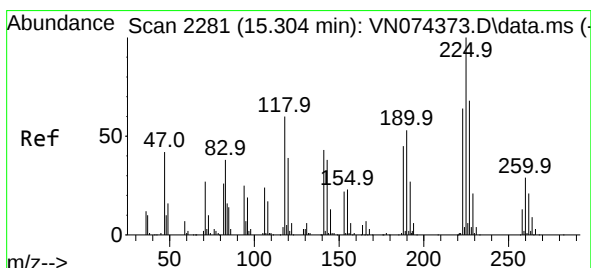
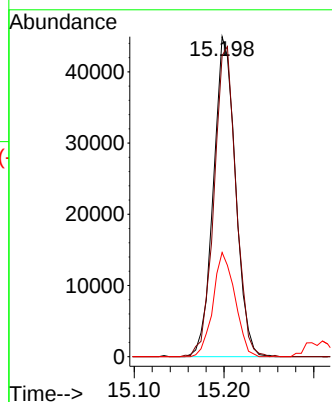
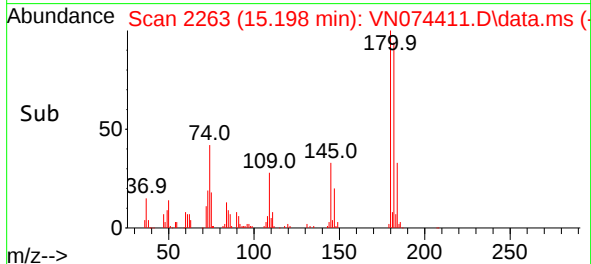
Tgt Ion:180	Resp:	7656
Ion Ratio	Lower	Upper
180	100	
182	96.6	47.4 142.2
145	32.3	16.1 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#94

Hexachlorobutadiene

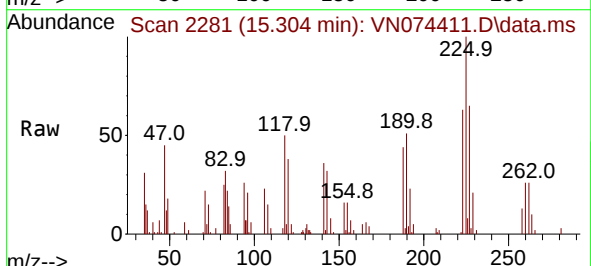
Concen: 19.843 ug/l

RT: 15.304 min Scan# 2281

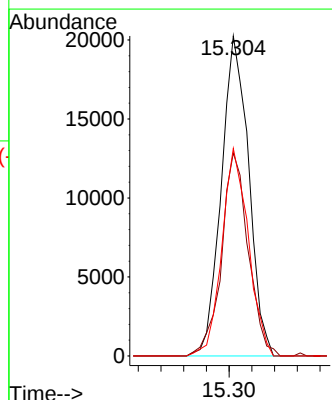
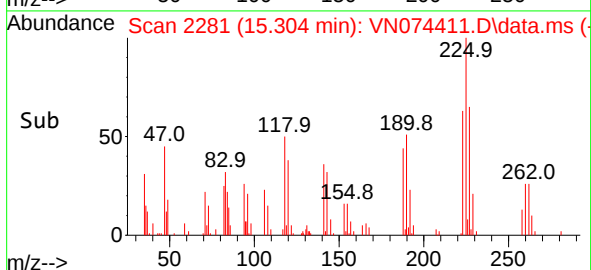
Delta R.T. 0.000 min

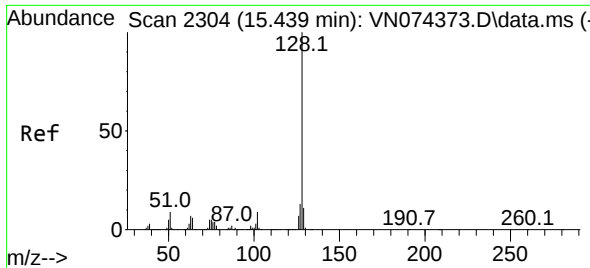
Lab File: VN074411.D

Acq: 12 Sep 2022 14:10



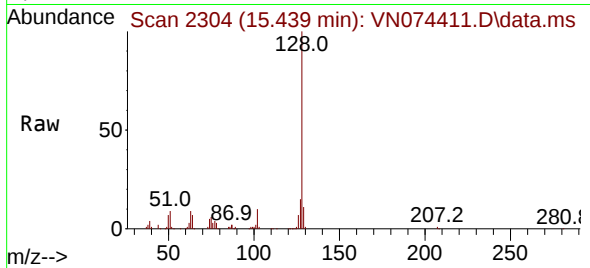
Tgt Ion:225	Resp:	33807
Ion Ratio	Lower	Upper
225	100	
223	61.9	31.6 94.8
227	62.8	31.8 95.4





#95
Naphthalene
Concen: 21.509 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10

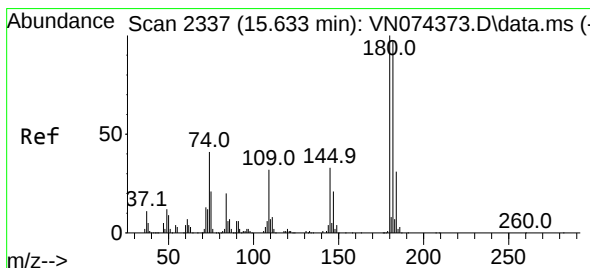
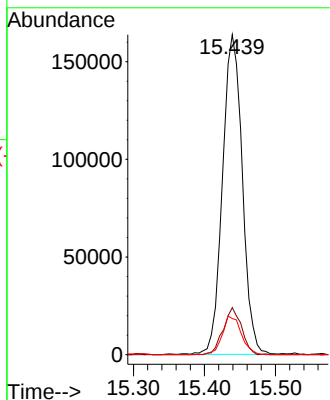
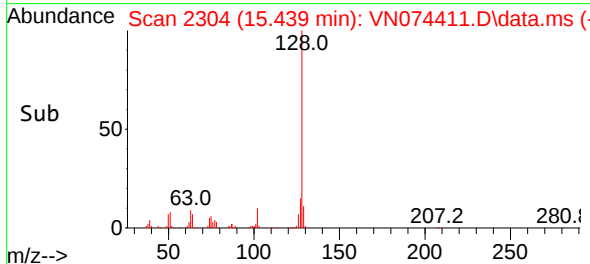
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



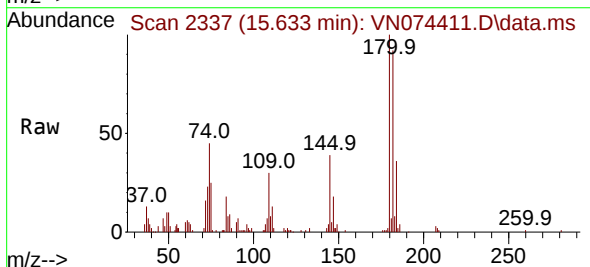
Tgt Ion:128 Resp: 316308
Ion Ratio Lower Upper
128 100
127 13.7 10.6 16.0
129 11.6 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 20.478 ug/l
RT: 15.633 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VN074411.D
Acq: 12 Sep 2022 14:10



Tgt Ion:180 Resp: 79657
Ion Ratio Lower Upper
180 100
182 95.2 47.6 142.8
145 33.1 17.3 52.0

