

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074463.D
 Acq On : 15 Sep 2022 15:56
 Operator : JC\MD
 Sample : VN0915WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/16/2022
 Supervised By : Mahesh Dadoda 09/16/2022

Quant Time: Sep 15 19:22:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	358078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	681898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	616062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	269969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	304211	50.071	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.140%			
35) Dibromofluoromethane	7.945	113	226068	49.908	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.820%			
50) Toluene-d8	10.380	98	871460	49.746	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.500%			
62) 4-Bromofluorobenzene	12.674	95	310901	51.818	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.640%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.040	85	74700	19.168	ug/l	99
3) Chloromethane	2.263	50	145591	22.354	ug/l	97
4) Vinyl Chloride	2.404	62	142975	20.382	ug/l	91
5) Bromomethane	2.781	94	88707	23.979	ug/l	99
6) Chloroethane	2.951	64	99416	20.748	ug/l	97
7) Trichlorofluoromethane	3.310	101	150528	19.432	ug/l	95
8) Diethyl Ether	3.757	74	77042	19.503	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.128	101	98298	20.511	ug/l	89
10) Methyl Iodide	4.340	142	118847	21.022	ug/l	94
11) Tert butyl alcohol	5.287	59	208165	105.178	ug/l	99
12) 1,1-Dichloroethene	4.110	96	99201	21.412	ug/l	93
13) Acrolein	3.975	56	72305	100.039	ug/l	94
14) Allyl chloride	4.751	41	230062	20.430	ug/l #	94
15) Acrylonitrile	5.469	53	501346	112.753	ug/l	98
16) Acetone	4.216	43	401715	103.327	ug/l	99
17) Carbon Disulfide	4.445	76	248476	19.214	ug/l	97
18) Methyl Acetate	4.769	43	256050	21.204	ug/l #	88
19) Methyl tert-butyl Ether	5.522	73	423330	21.298	ug/l	97
20) Methylene Chloride	5.004	84	131231	22.127	ug/l #	85
21) trans-1,2-Dichloroethene	5.510	96	107473	20.999	ug/l	96
22) Diisopropyl ether	6.410	45	485787	21.483	ug/l #	94
23) Vinyl Acetate	6.345	43	2219603	111.290	ug/l #	92
24) 1,1-Dichloroethane	6.292	63	235850	20.866	ug/l	96
25) 2-Butanone	7.251	43	711886	110.285	ug/l	90
26) 2,2-Dichloropropane	7.239	77	192510	19.755	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	133125	20.078	ug/l	91
28) Bromochloromethane	7.581	49	70167	21.066	ug/l #	71
29) Tetrahydrofuran	7.604	42	481687	113.497	ug/l #	85
30) Chloroform	7.739	83	213635	20.478	ug/l	97
31) Cyclohexane	8.022	56	218920	20.300	ug/l #	81
32) 1,1,1-Trichloroethane	7.939	97	178305	19.487	ug/l	95
36) 1,1-Dichloropropene	8.145	75	157856	19.688	ug/l	97
37) Ethyl Acetate	7.328	43	275456	22.246	ug/l	95
38) Carbon Tetrachloride	8.139	117	148197	20.019	ug/l	98
39) Methylcyclohexane	9.392	83	204482	21.448	ug/l	95
40) Benzene	8.386	78	516536	20.834	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	132187	22.081	ug/l	89
42) 1,2-Dichloroethane	8.463	62	182832	21.489	ug/l	99
43) Isopropyl Acetate	8.492	43	438477	22.607	ug/l #	91
44) Trichloroethene	9.151	130	111286	20.743	ug/l	97
45) 1,2-Dichloropropane	9.422	63	147353	21.626	ug/l	95
46) Dibromomethane	9.516	93	90786	21.274	ug/l #	83
47) Bromodichloromethane	9.698	83	176425	21.087	ug/l	99
48) Methyl methacrylate	9.498	41	185813	21.606	ug/l	89
49) 1,4-Dioxane	9.498	88	74065	447.952	ug/l #	89
51) 4-Methyl-2-Pentanone	10.269	43	1436260	113.399	ug/l	91
52) Toluene	10.445	92	321851	22.138	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	213380	21.883	ug/l	93
54) cis-1,3-Dichloropropene	10.127	75	222583	21.330	ug/l #	86
55) 1,1,2-Trichloroethane	10.839	97	127726	20.740	ug/l	89
56) Ethyl methacrylate	10.704	69	245492	22.316	ug/l #	84
57) 1,3-Dichloropropane	10.986	76	236074	21.864	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	478296	98.796	ug/l	90
59) 2-Hexanone	11.027	43	1107472	114.542	ug/l	89
60) Dibromochloromethane	11.174	129	125881	21.352	ug/l	100
61) 1,2-Dibromoethane	11.286	107	133208	22.266	ug/l	99
64) Tetrachloroethene	10.916	164	83299	19.702	ug/l	96
65) Chlorobenzene	11.710	112	316782	20.482	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	118045	21.007	ug/l	98
67) Ethyl Benzene	11.786	91	612262	21.562	ug/l	98
68) m/p-Xylenes	11.892	106	446244	42.505	ug/l	94
69) o-Xylene	12.221	106	229084	21.401	ug/l	95
70) Styrene	12.233	104	373863	20.997	ug/l	99
71) Bromoform	12.398	173	89883	21.763	ug/l #	97
73) Isopropylbenzene	12.521	105	576538	20.857	ug/l	98
74) N-amyl acetate	12.333	43	372801	21.570	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.768	83	231362	20.886	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	138213m	16.632	ug/l	
77) Bromobenzene	12.804	156	120429	20.395	ug/l	72
78) n-propylbenzene	12.863	91	684600	20.794	ug/l	95
79) 2-Chlorotoluene	12.945	91	400312	20.368	ug/l	99
80) 1,3,5-Trimethylbenzene	13.004	105	472267	20.958	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.568	75	85413	22.184	ug/l	97
82) 4-Chlorotoluene	13.045	91	392514	21.011	ug/l	98
83) tert-Butylbenzene	13.262	119	429574	20.947	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	477814	21.070	ug/l	98
85) sec-Butylbenzene	13.445	105	597693	21.226	ug/l	97
86) p-Isopropyltoluene	13.557	119	468516	21.342	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	225713	20.801	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	222386	20.392	ug/l	97
89) n-Butylbenzene	13.886	91	414206	20.933	ug/l	96
90) Hexachloroethane	14.151	117	99188	20.766	ug/l	75
91) 1,2-Dichlorobenzene	13.927	146	227001	20.165	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	48437	19.802	ug/l	85
93) 1,2,4-Trichlorobenzene	15.198	180	112596	20.995	ug/l	97
94) Hexachlorobutadiene	15.304	225	47257	20.049	ug/l	98
95) Naphthalene	15.439	128	476696	21.562	ug/l	99
96) 1,2,3-Trichlorobenzene	15.633	180	112393	21.019	ug/l	98

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01

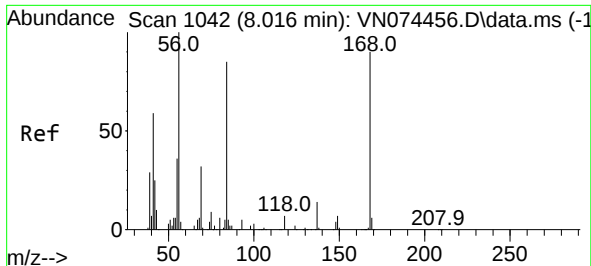
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
Response via : Initial Calibration

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



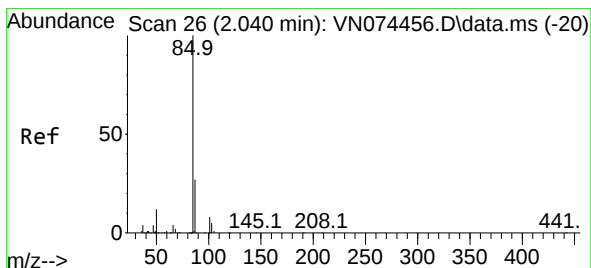
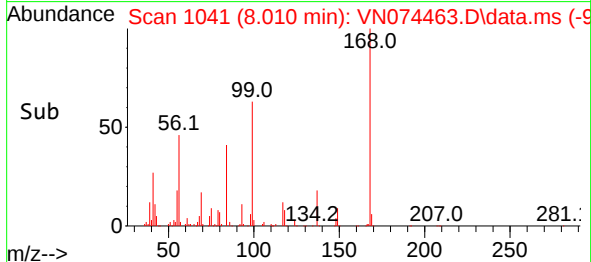
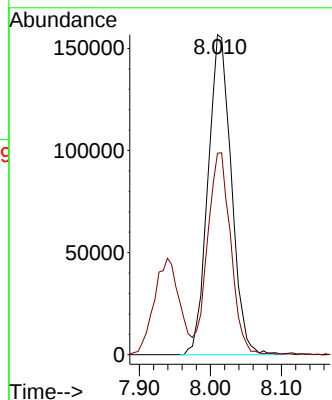
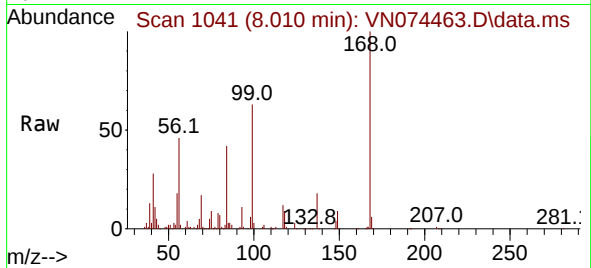
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074463.D
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Instrument :
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ClientSampleId :
VN0915WBSD01

Tgt Ion:168 Resp: 358078
Ion Ratio Lower Upper
168 100
99 62.7 42.3 63.5

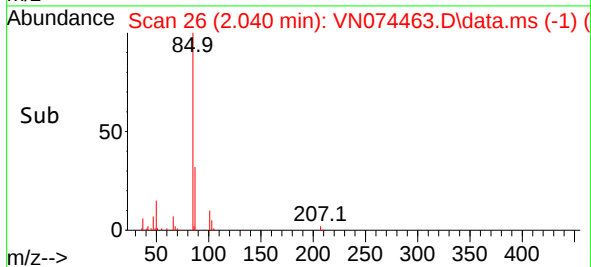
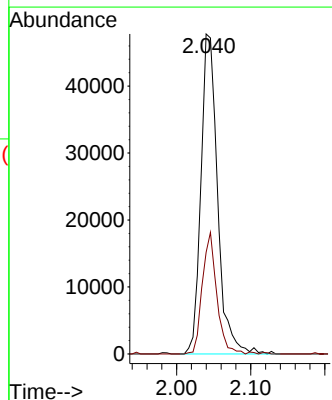
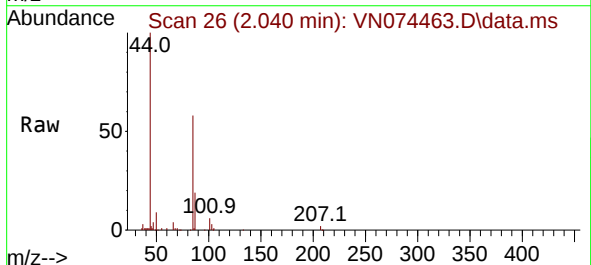
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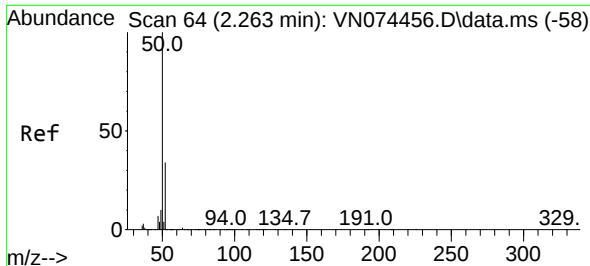
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#2
Dichlorodifluoromethane
Concen: 19.168 ug/l
RT: 2.040 min Scan# 26
Delta R.T. -0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

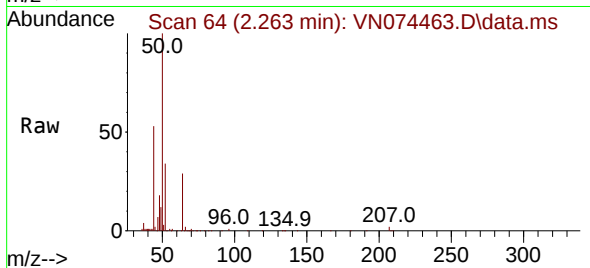
Tgt Ion: 85 Resp: 74700
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.1





#3
Chloromethane
Concen: 22.354 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

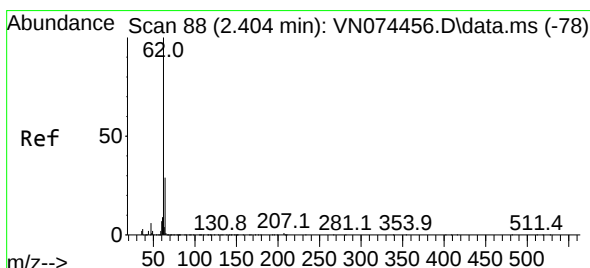
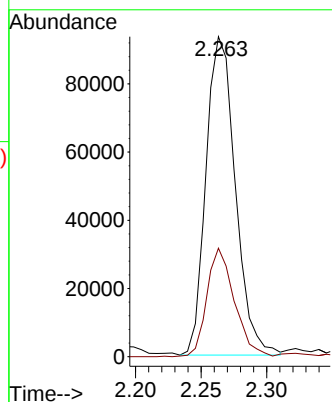
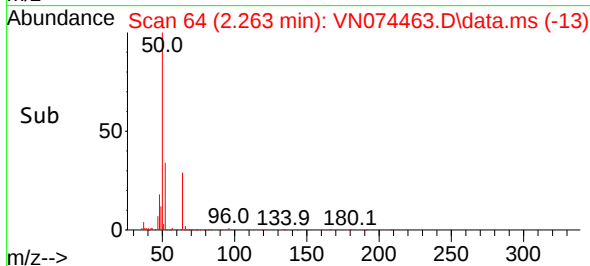
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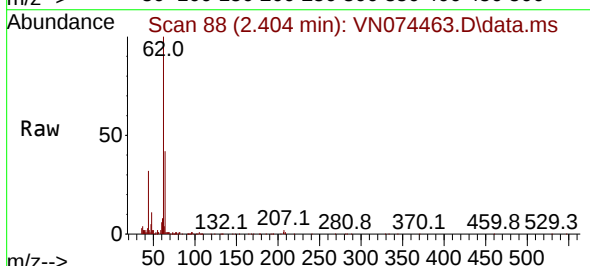
Tgt Ion: 50 Resp: 14559
Ion Ratio Lower Upper
50 100
52 33.9 25.7 38.5

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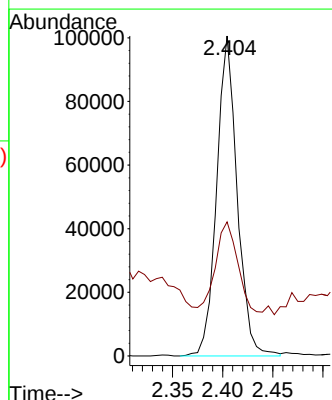
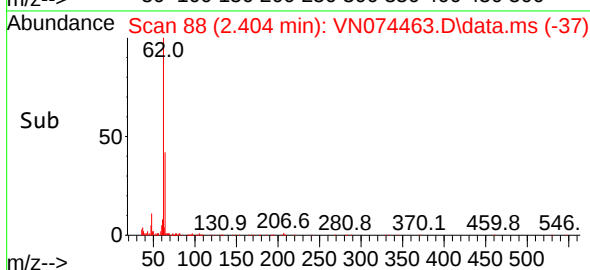
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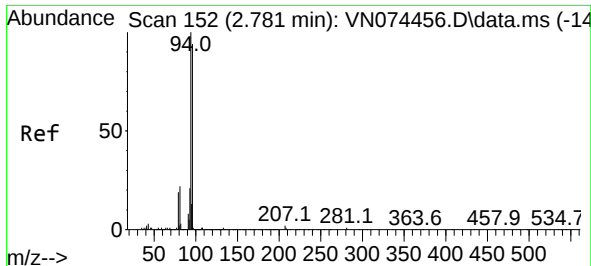


#4
Vinyl Chloride
Concen: 20.382 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56



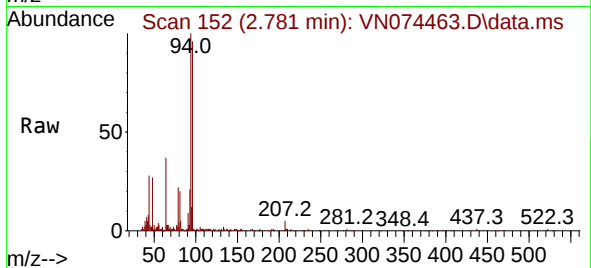
Tgt Ion: 62 Resp: 142975
Ion Ratio Lower Upper
62 100
64 26.5 25.0 37.4





#5
Bromomethane
Concen: 23.979 ug/l
RT: 2.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

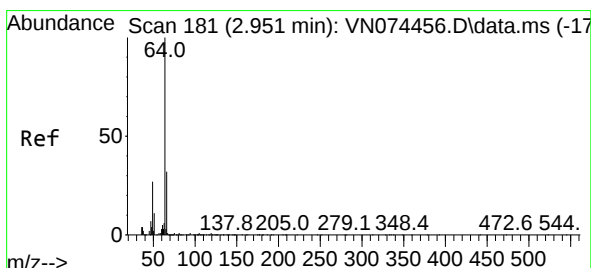
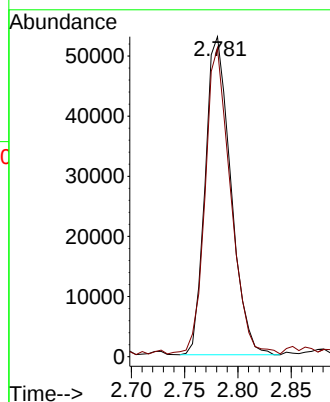
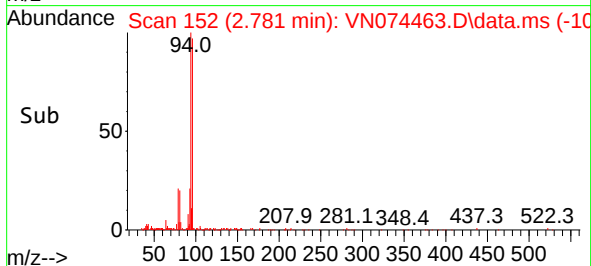
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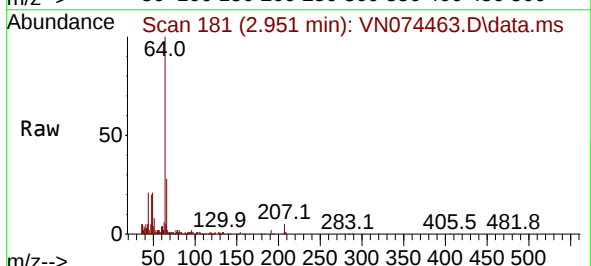
Tgt Ion: 94 Resp: 8870
Ion Ratio Lower Upper
94 100
96 96.2 76.0 114.0

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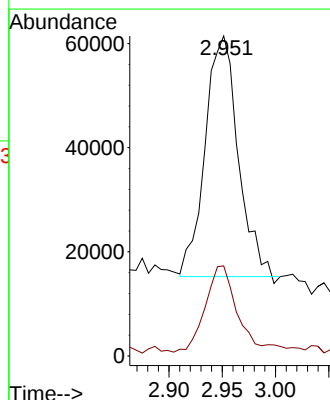
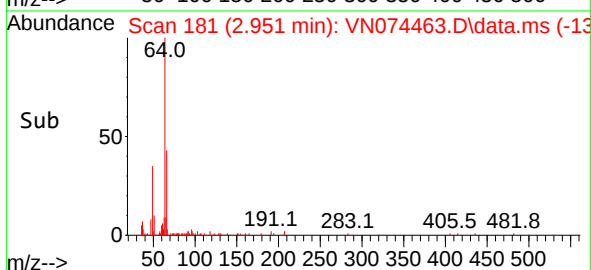
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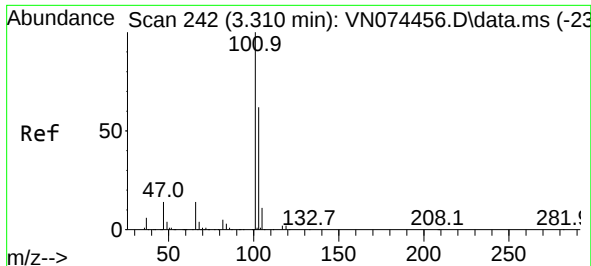


#6
Chloroethane
Concen: 20.748 ug/l
RT: 2.951 min Scan# 181
Delta R.T. 0.000 min
Lab File: VN074463.D
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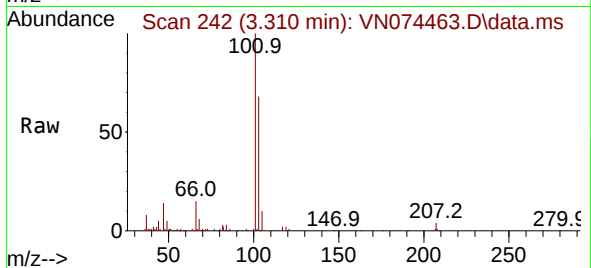
Tgt Ion: 64 Resp: 99416
Ion Ratio Lower Upper
64 100
66 34.7 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 19.432 ug/l
 RT: 3.310 min Scan# 242
 Delta R.T. 0.000 min
 Lab File: VN074463.D
 Acq: 15 Sep 2022 15:56

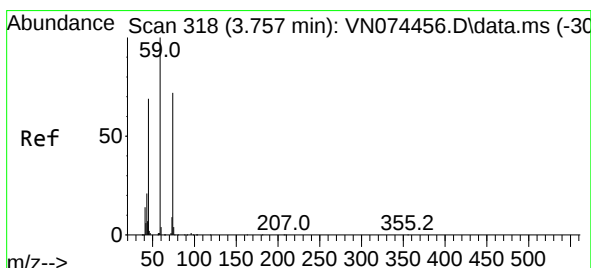
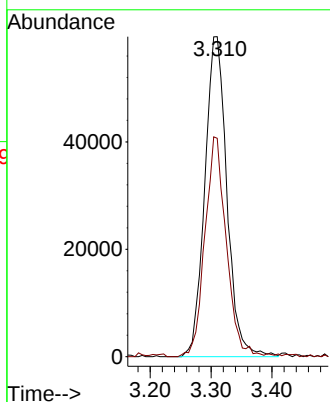
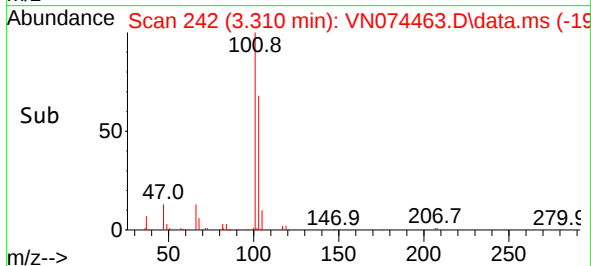
Instrument :
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Tgt Ion:101 Resp: 150528
 Ion Ratio Lower Upper
 101 100
 103 68.2 51.5 77.3

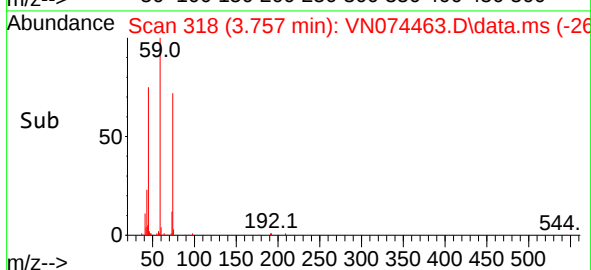
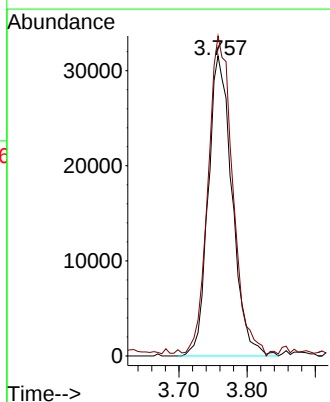
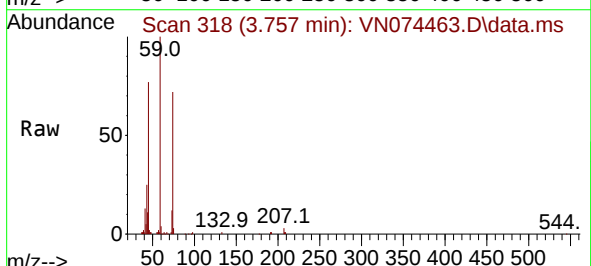
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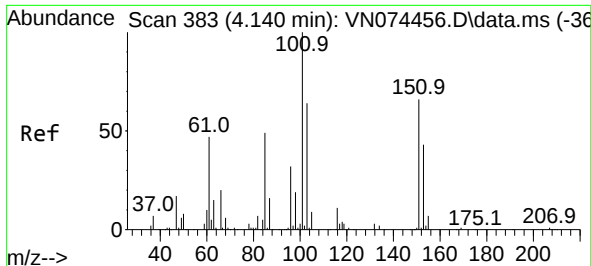
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022



#8
 Diethyl Ether
 Concen: 19.503 ug/l
 RT: 3.757 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VN074463.D
 Acq: 15 Sep 2022 15:56

Tgt Ion: 74 Resp: 77042
 Ion Ratio Lower Upper
 74 100
 45 108.5 42.9 128.5





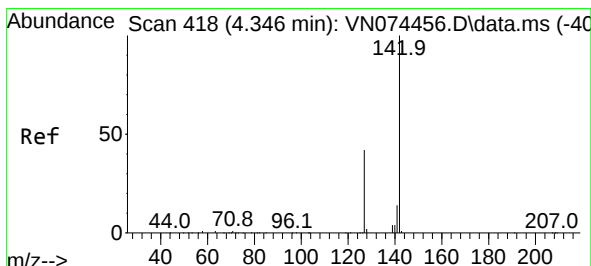
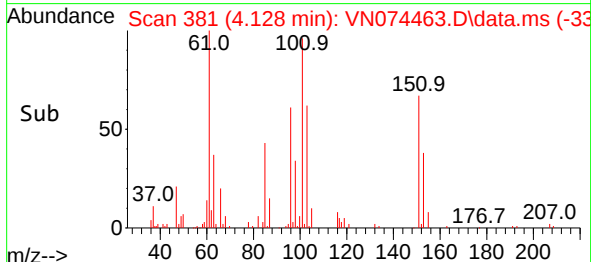
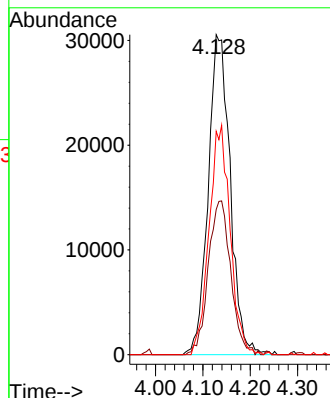
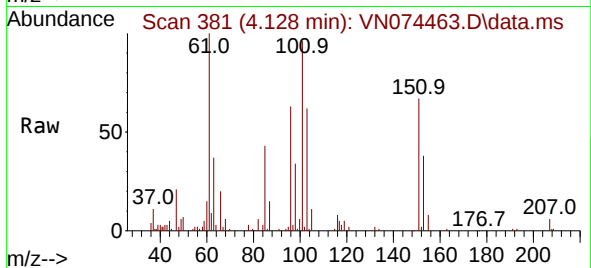
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.511 ug/l
RT: 4.128 min Scan# 381
Delta R.T. -0.012 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01

Tgt Ion:101 Resp: 98298
Ion Ratio Lower Upper
101 100
85 49.2 34.7 52.1
151 68.7 63.0 94.4

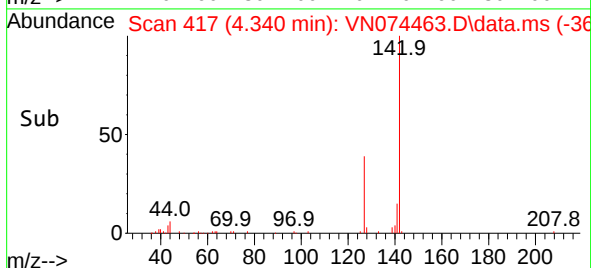
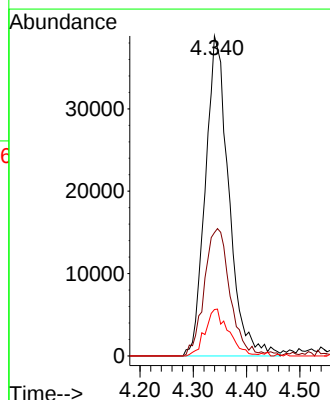
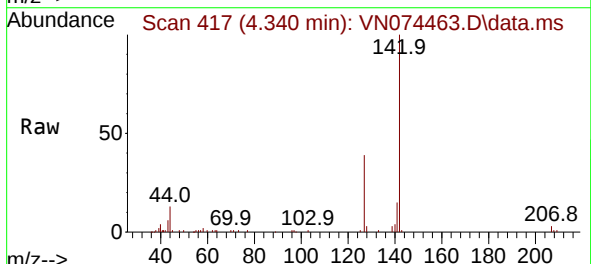
Manual Integrations
APPROVED

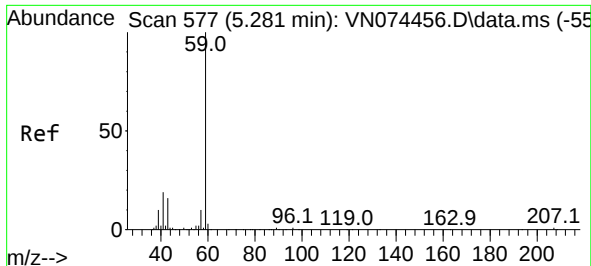
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#10
Methyl Iodide
Concen: 21.022 ug/l
RT: 4.340 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

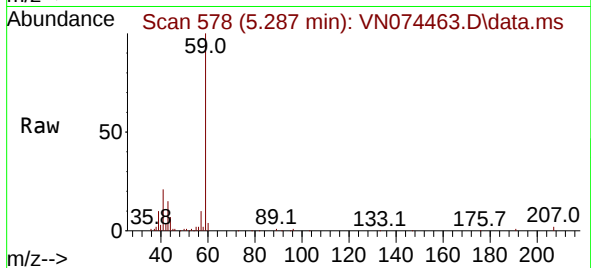
Tgt Ion:142 Resp: 118847
Ion Ratio Lower Upper
142 100
127 43.5 31.3 46.9
141 14.6 11.2 16.8





#11
Tert butyl alcohol
Concen: 105.178 ug/l
RT: 5.287 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

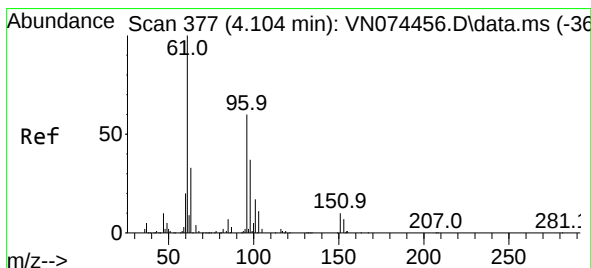
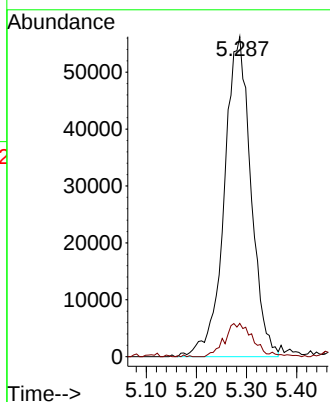
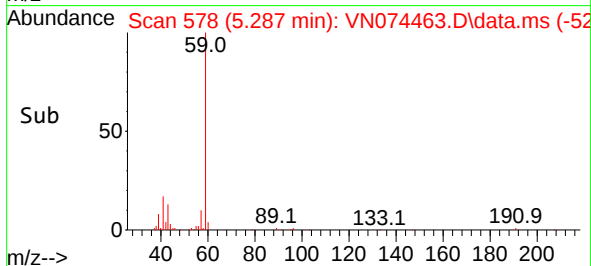
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



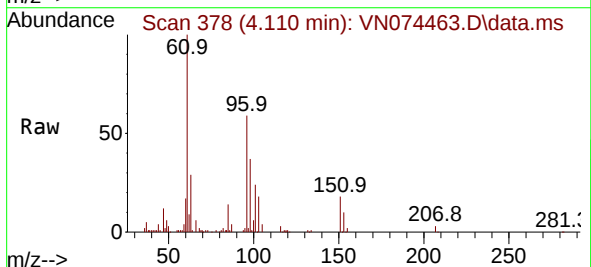
Tgt Ion: 59 Resp: 20816
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

Manual Integrations
APPROVED

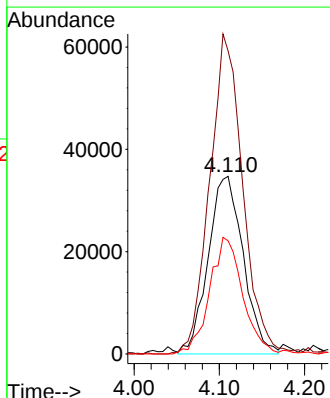
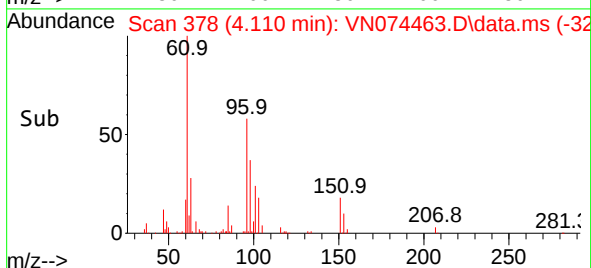
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

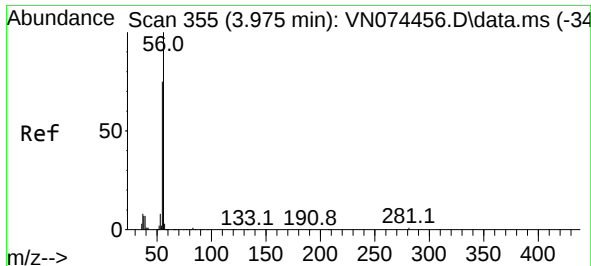


#12
1,1-Dichloroethene
Concen: 21.412 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56



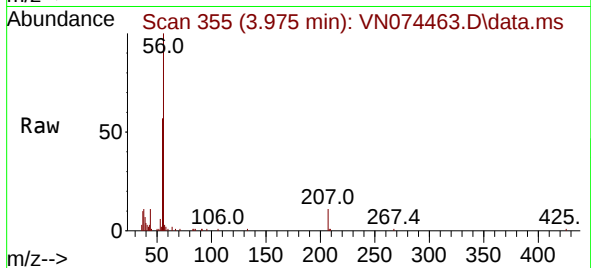
Tgt Ion: 96 Resp: 99201
Ion Ratio Lower Upper
96 100
61 171.6 127.6 191.4
98 63.5 51.2 76.8





#13
Acrolein
Concen: 100.039 ug/l
RT: 3.975 min Scan# 355
Delta R.T. -0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

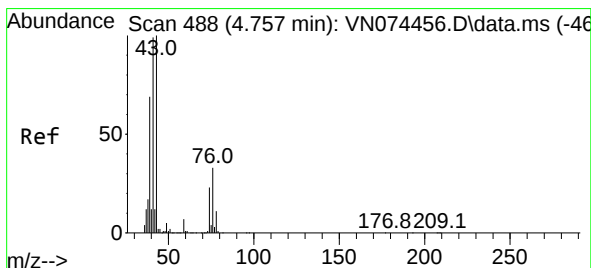
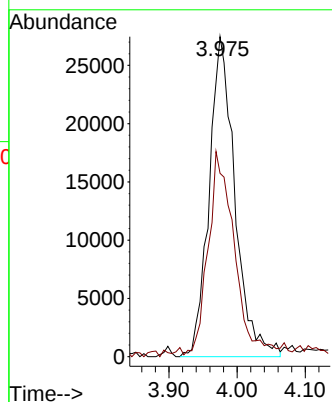
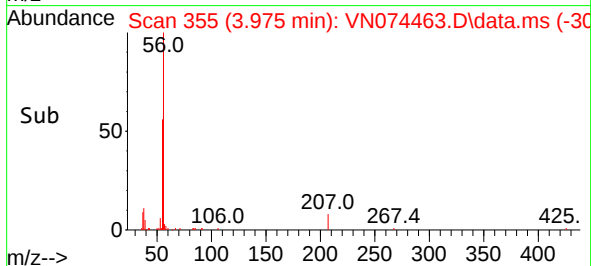
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



Tgt Ion: 56 Resp: 72305
Ion Ratio Lower Upper
56 100
55 63.7 54.8 82.2

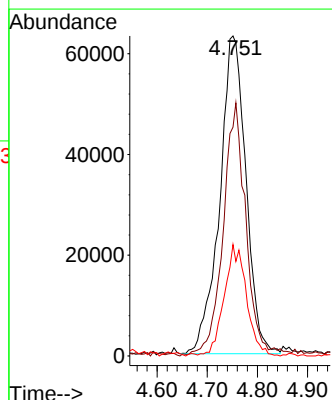
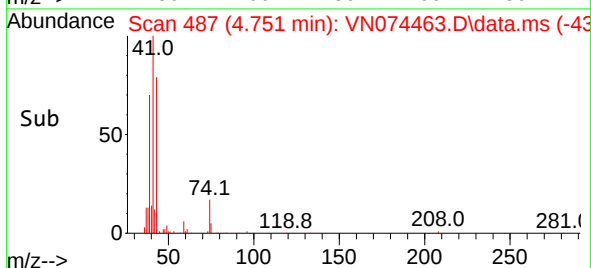
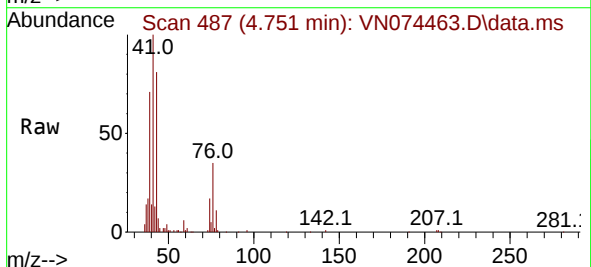
Manual Integrations
APPROVED

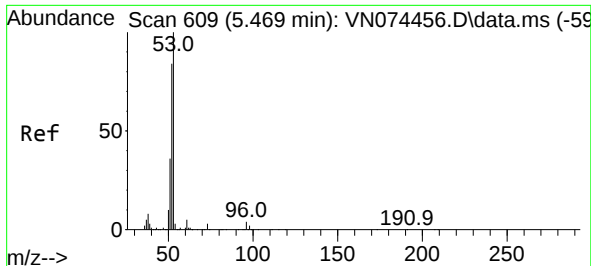
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#14
Allyl chloride
Concen: 20.430 ug/l
RT: 4.751 min Scan# 487
Delta R.T. -0.006 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

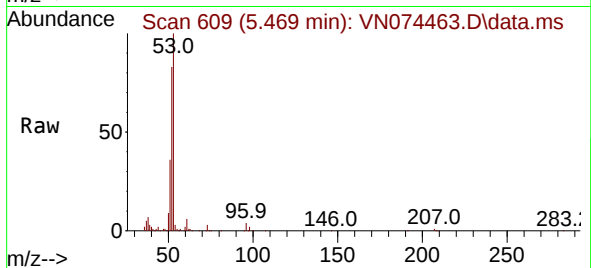
Tgt Ion: 41 Resp: 230062
Ion Ratio Lower Upper
41 100
39 68.3 53.2 79.8
76 29.7 29.9 44.9





#15
Acrylonitrile
Concen: 112.753 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

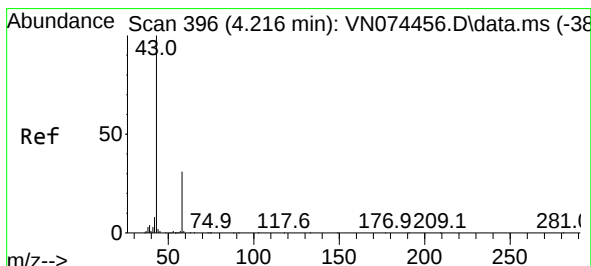
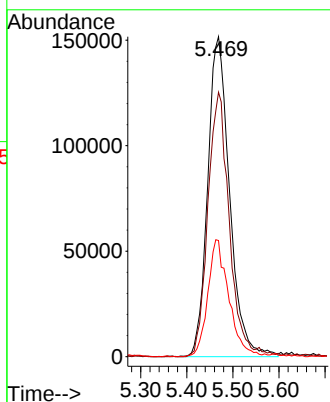
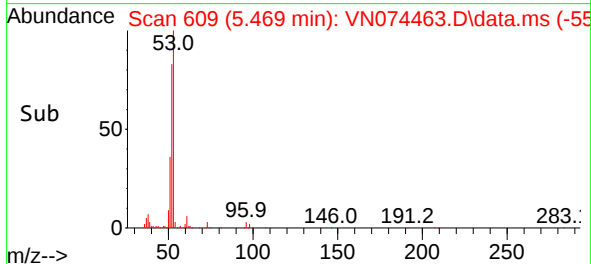
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



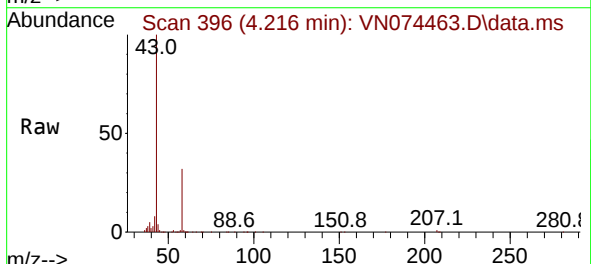
Tgt Ion: 53 Resp: 501340
Ion Ratio Lower Upper
53 100
52 80.7 66.4 99.6
51 35.0 28.5 42.7

Manual Integrations
APPROVED

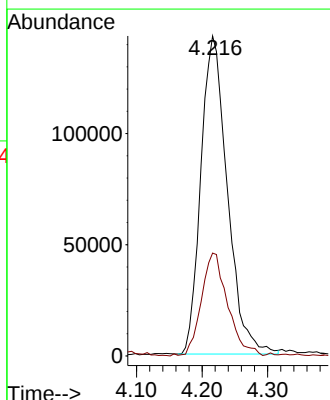
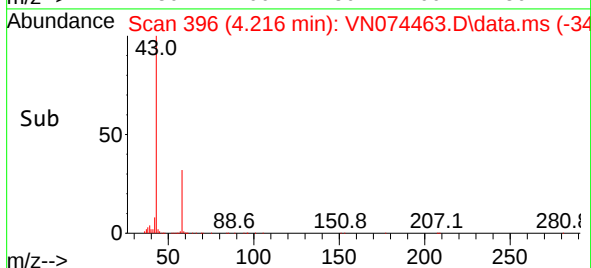
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

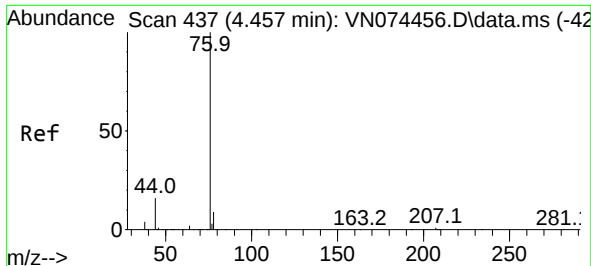


#16
Acetone
Concen: 103.327 ug/l
RT: 4.216 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56



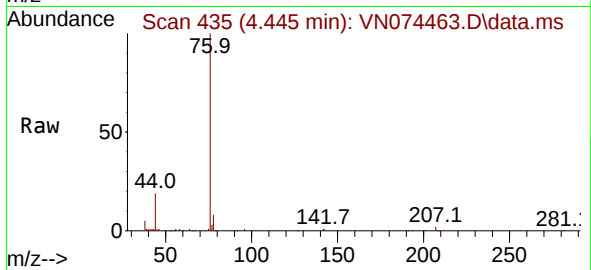
Tgt Ion: 43 Resp: 401715
Ion Ratio Lower Upper
43 100
58 32.2 26.0 39.0





#17
Carbon Disulfide
Concen: 19.214 ug/l
RT: 4.445 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

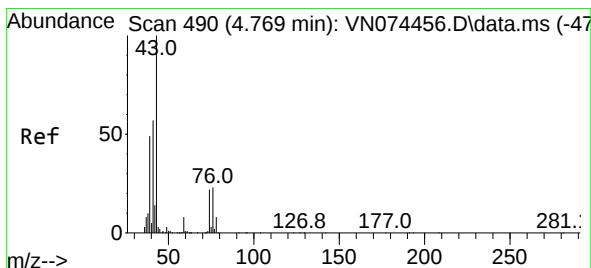
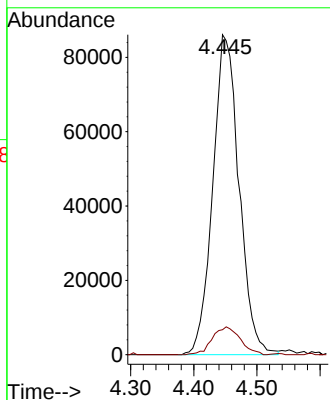
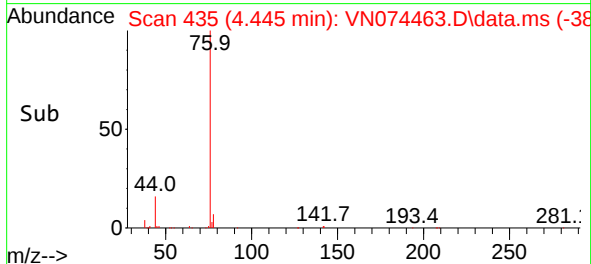
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



Tgt Ion: 76 Resp: 248470
Ion Ratio Lower Upper
76 100
78 7.8 7.2 10.8

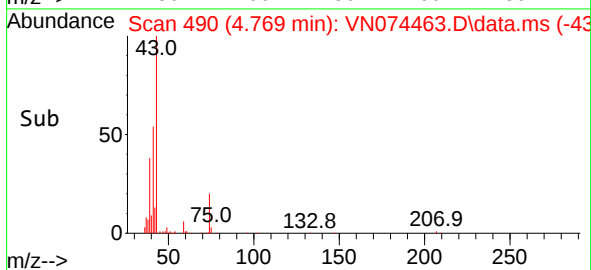
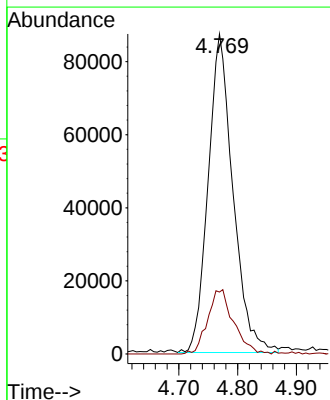
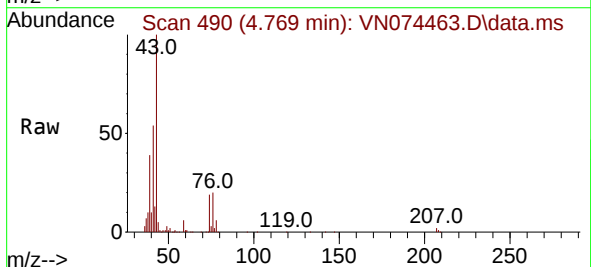
Manual Integrations
APPROVED

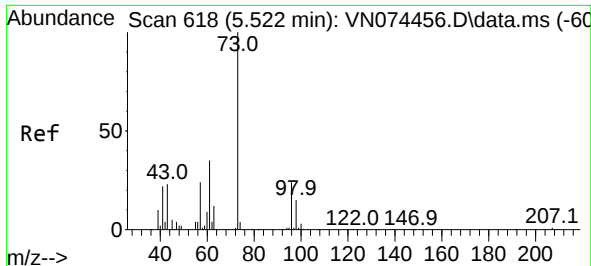
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#18
Methyl Acetate
Concen: 21.204 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

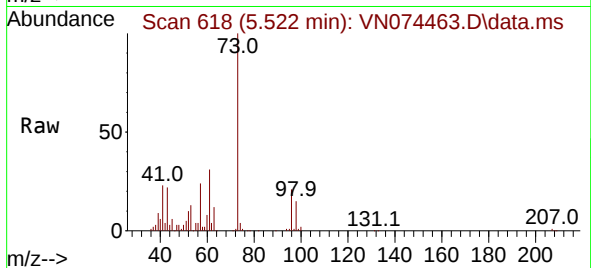
Tgt Ion: 43 Resp: 256050
Ion Ratio Lower Upper
43 100
74 21.0 21.6 32.4#





#19
Methyl tert-butyl Ether
Concen: 21.298 ug/l
RT: 5.522 min Scan# 618
Delta R.T. -0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

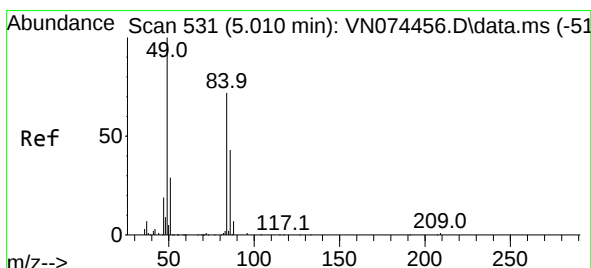
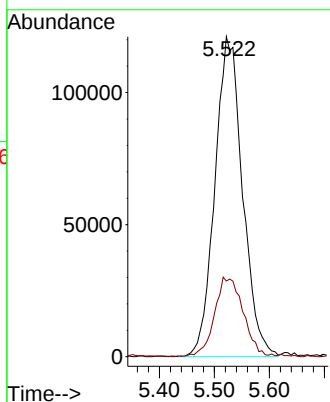
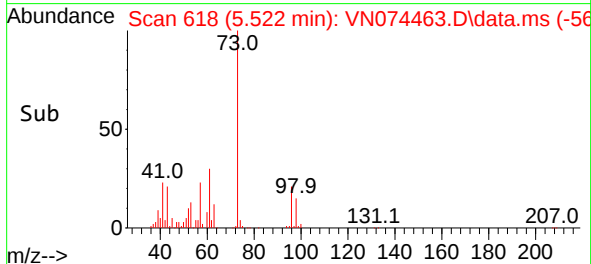
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



Tgt Ion: 73 Resp: 423330
Ion Ratio Lower Upper
73 100
57 23.4 17.6 26.4

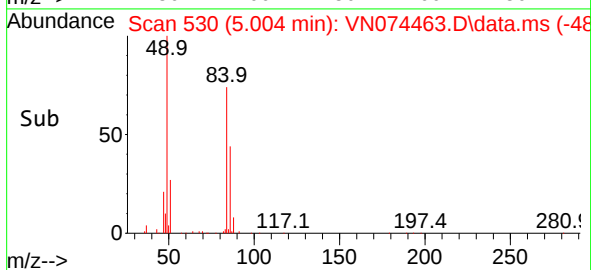
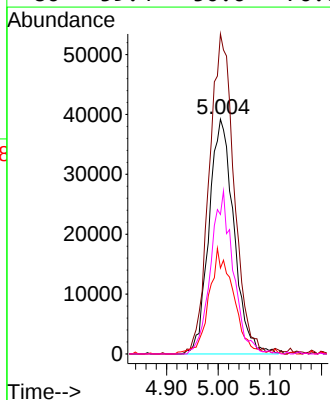
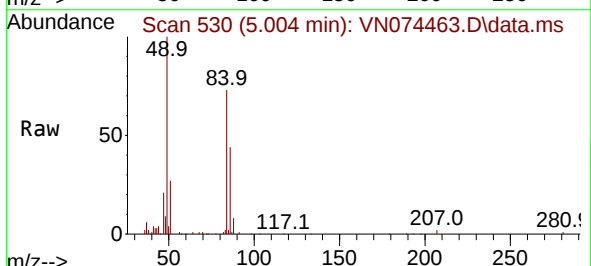
Manual Integrations
APPROVED

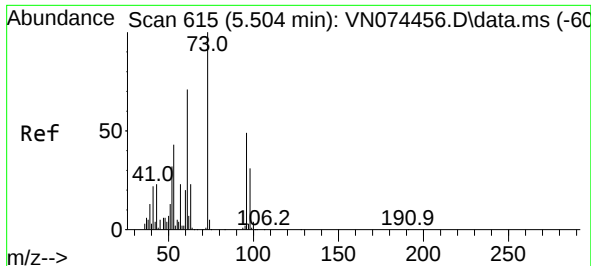
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#20
Methylene Chloride
Concen: 22.127 ug/l
RT: 5.004 min Scan# 530
Delta R.T. -0.006 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

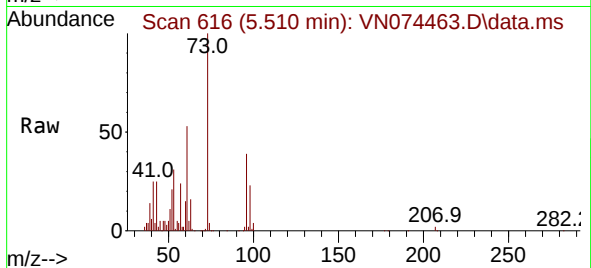
Tgt Ion: 84 Resp: 131231
Ion Ratio Lower Upper
84 100
49 136.3 88.3 132.5#
51 36.0 28.2 42.2
86 59.4 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 20.999 ug/l
RT: 5.510 min Scan# 615
Delta R.T. 0.006 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

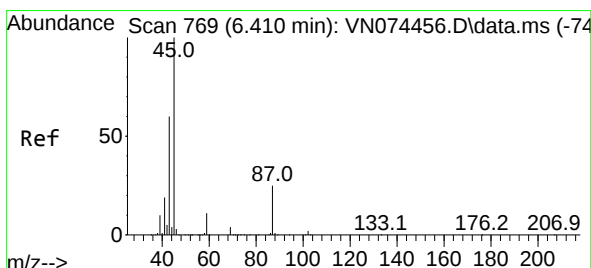
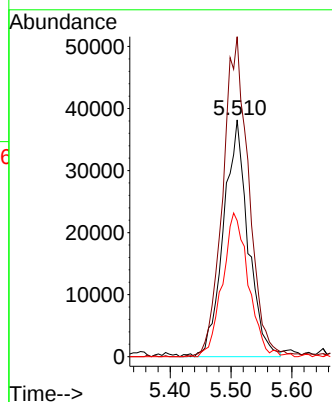
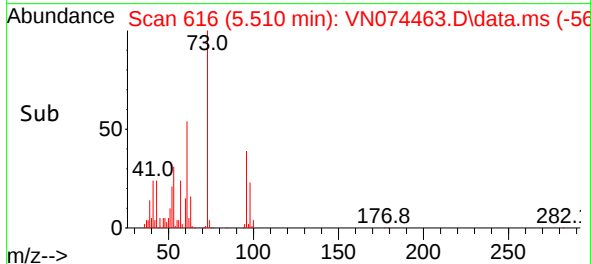
Instrument :
MSVOA_N
Client Sample Id :
VN0915WBSD01



Tgt Ion: 96 Resp: 10747
Ion Ratio Lower Upper
96 100
61 135.2 105.8 158.8
98 57.4 50.3 75.5

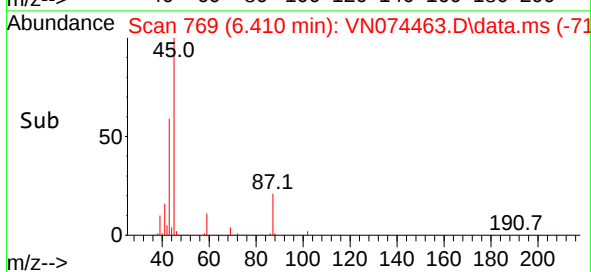
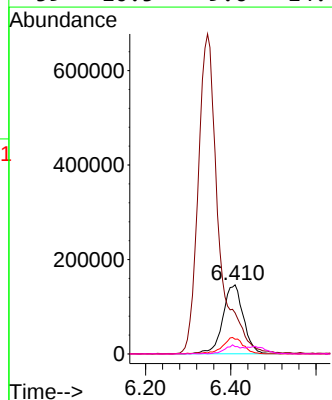
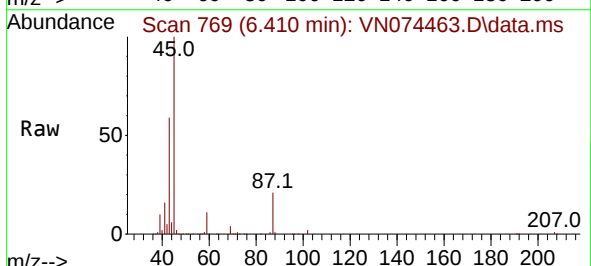
Manual Integrations
APPROVED

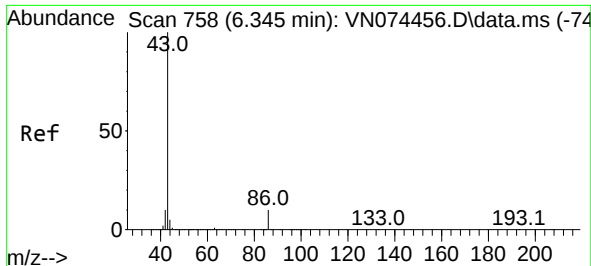
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#22
Diisopropyl ether
Concen: 21.483 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

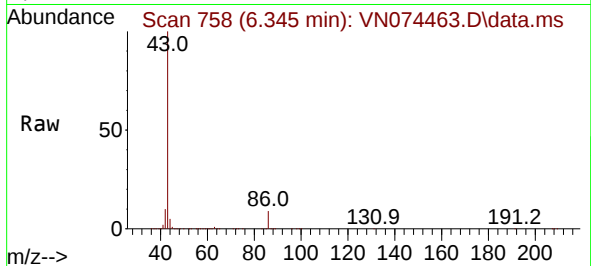
Tgt Ion: 45 Resp: 485787
Ion Ratio Lower Upper
45 100
43 58.2 46.6 70.0
87 21.3 24.3 36.5#
59 10.5 9.6 14.4





#23
 Vinyl Acetate
 Concen: 111.290 ug/l
 RT: 6.345 min Scan# 758
 Delta R.T. 0.000 min
 Lab File: VN074463.D
 Acq: 15 Sep 2022 15:56

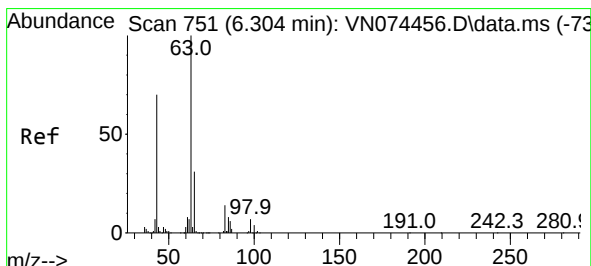
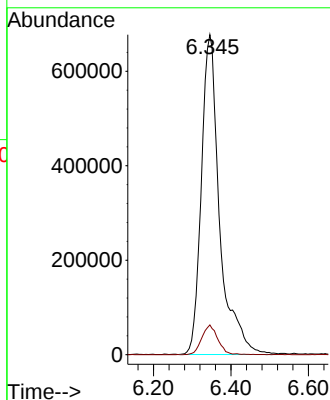
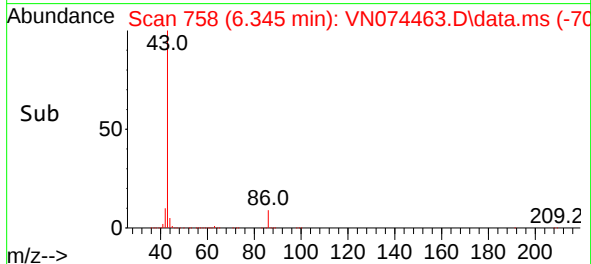
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD01



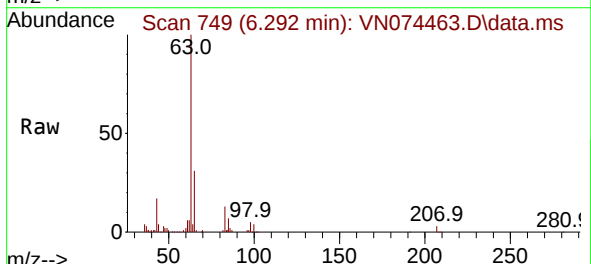
Tgt Ion: 43 Resp: 221960
 Ion Ratio Lower Upper
 43 100
 86 9.3 10.0 15.0

Manual Integrations
 APPROVED

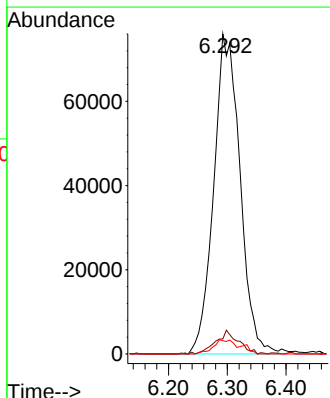
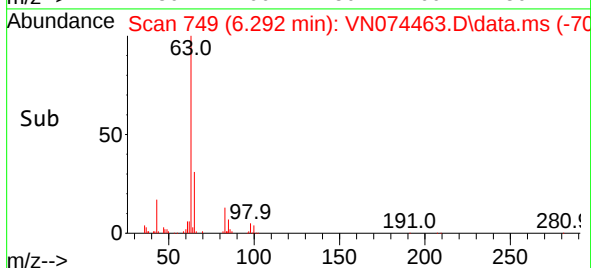
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

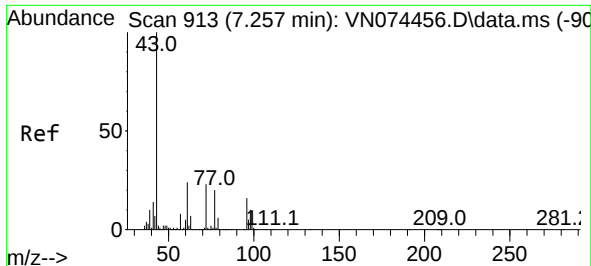


#24
 1,1-Dichloroethane
 Concen: 20.866 ug/l
 RT: 6.292 min Scan# 749
 Delta R.T. -0.012 min
 Lab File: VN074463.D
 Acq: 15 Sep 2022 15:56



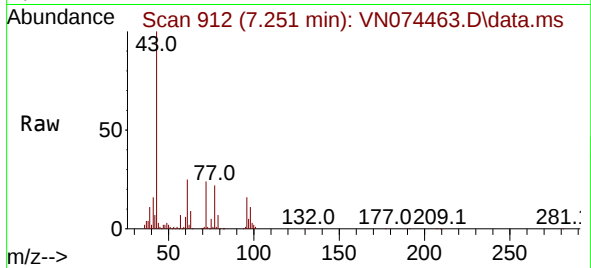
Tgt Ion: 63 Resp: 235850
 Ion Ratio Lower Upper
 63 100
 98 4.7 3.5 10.4
 100 4.2 2.3 6.8





#25
2-Butanone
Concen: 110.285 ug/l
RT: 7.251 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

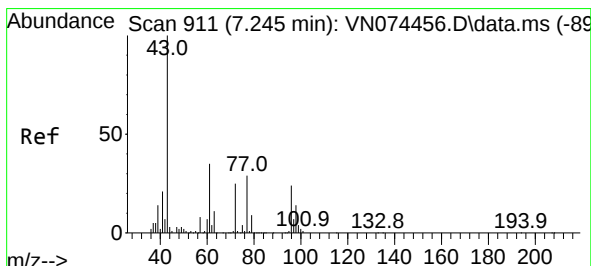
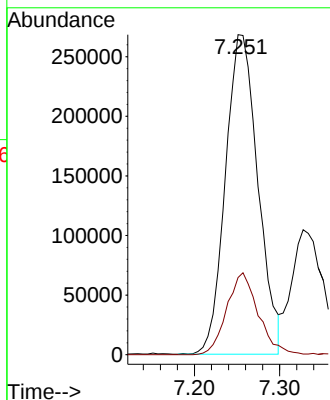
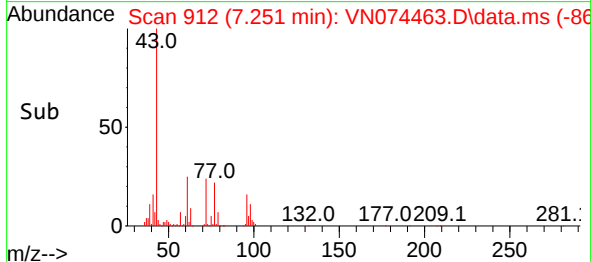
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



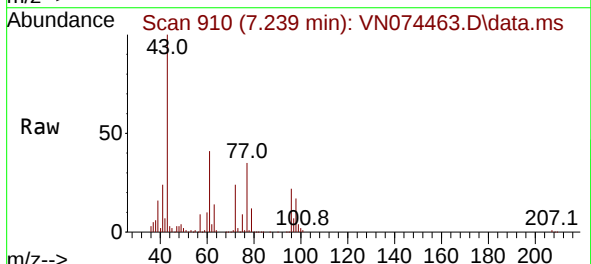
Tgt Ion: 43 Resp: 711880
Ion Ratio Lower Upper
43 100
72 24.1 23.7 35.5

Manual Integrations
APPROVED

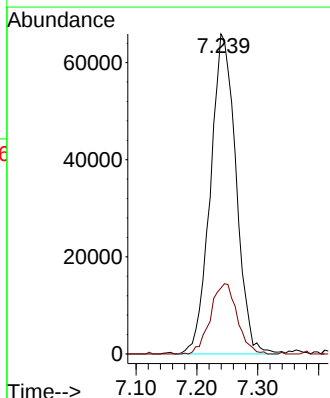
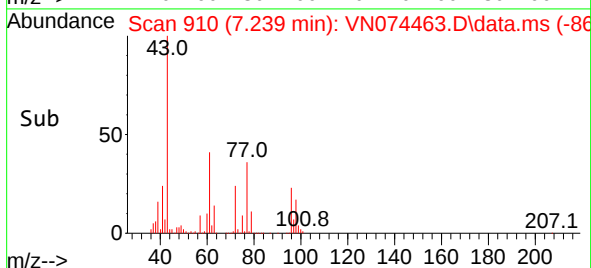
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

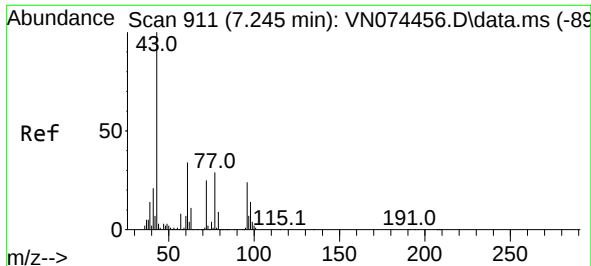


#26
2,2-Dichloropropane
Concen: 19.755 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.006 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56



Tgt Ion: 77 Resp: 192510
Ion Ratio Lower Upper
77 100
97 22.8 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 20.078 ug/l

RT: 7.245 min Scan# 911

Delta R.T. 0.000 min

Lab File: VN074463.D

Acq: 15 Sep 2022 15:56

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBSD01

Tgt Ion: 96 Resp: 13312

Ion Ratio Lower Upper

96 100

61 156.3 0.0 280.6

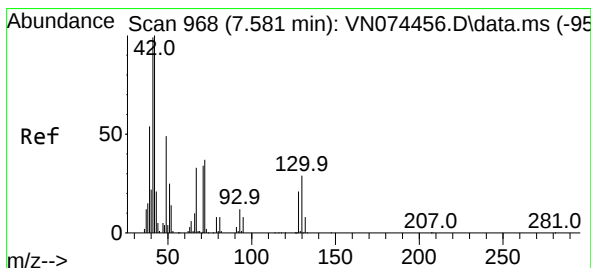
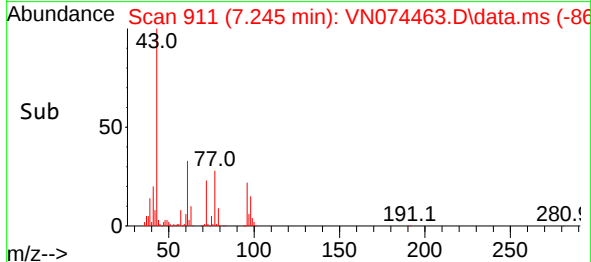
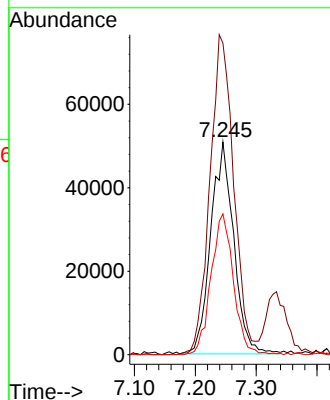
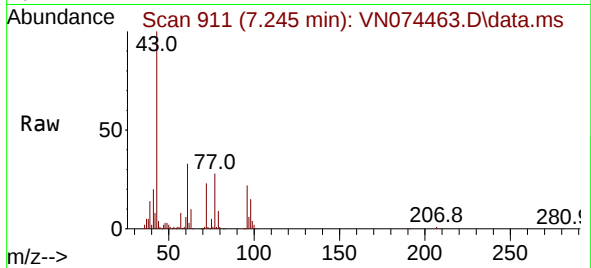
98 64.8 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#28

Bromochloromethane

Concen: 21.066 ug/l

RT: 7.581 min Scan# 968

Delta R.T. -0.000 min

Lab File: VN074463.D

Acq: 15 Sep 2022 15:56

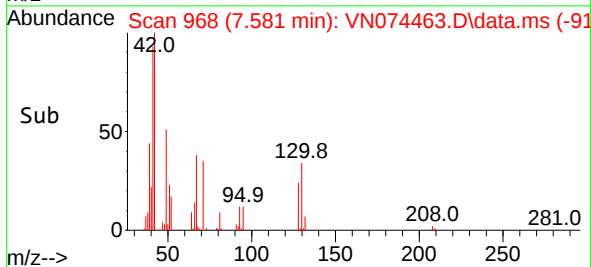
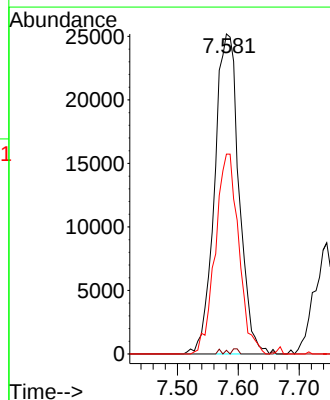
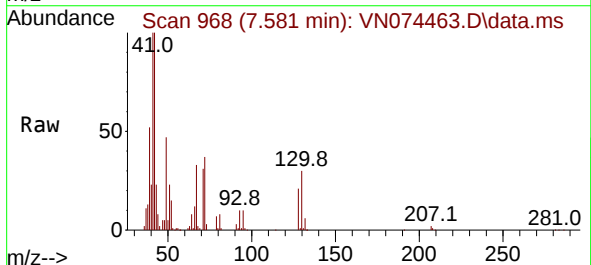
Tgt Ion: 49 Resp: 70167

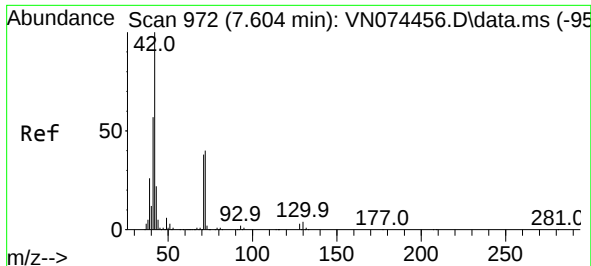
Ion Ratio Lower Upper

49 100

129 0.4 0.0 4.6

130 59.9 69.7 104.5#





#29

Tetrahydrofuran

Concen: 113.497 ug/l

RT: 7.604 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074463.D

Acq: 15 Sep 2022 15:56

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBSD01

Tgt Ion: 42 Resp: 48168

Ion Ratio Lower Upper

42 100

72 39.5 39.7 59.5

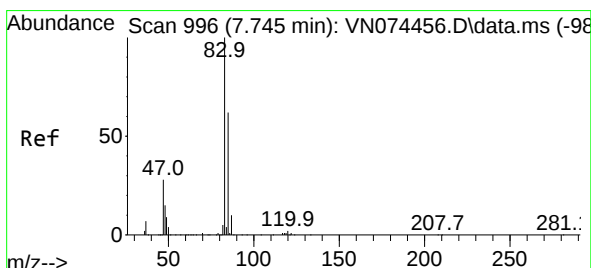
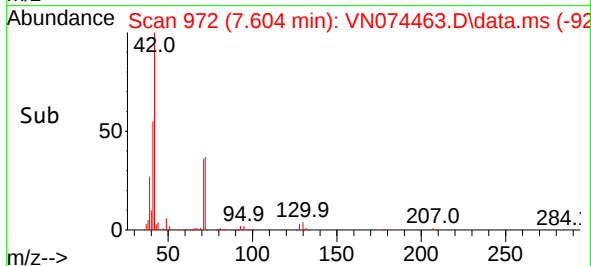
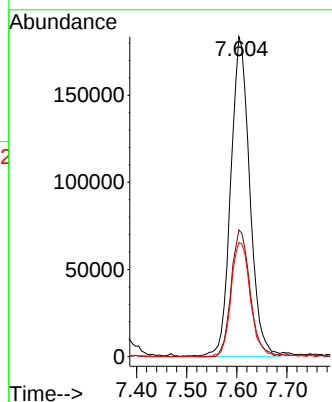
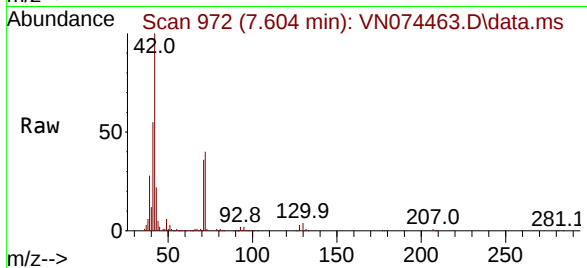
71 36.1 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#30

Chloroform

Concen: 20.478 ug/l

RT: 7.739 min Scan# 995

Delta R.T. -0.006 min

Lab File: VN074463.D

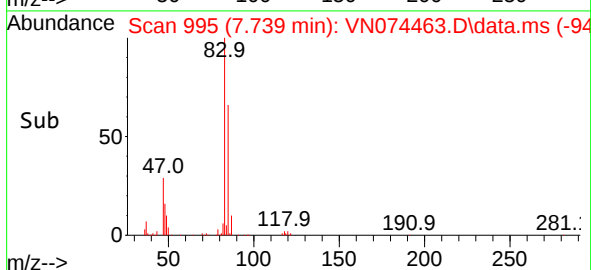
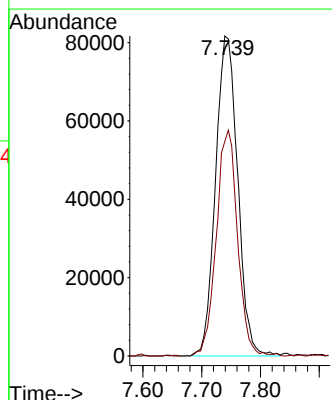
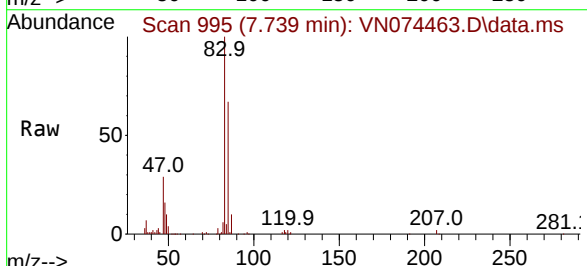
Acq: 15 Sep 2022 15:56

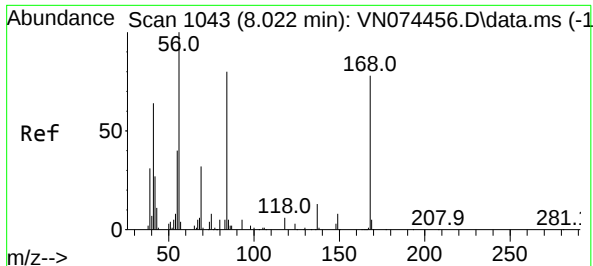
Tgt Ion: 83 Resp: 213635

Ion Ratio Lower Upper

83 100

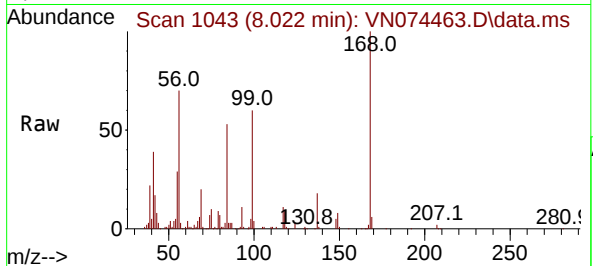
85 67.0 51.8 77.8





#31
Cyclohexane
Concen: 20.300 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

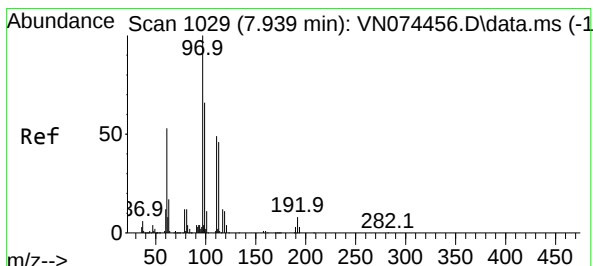
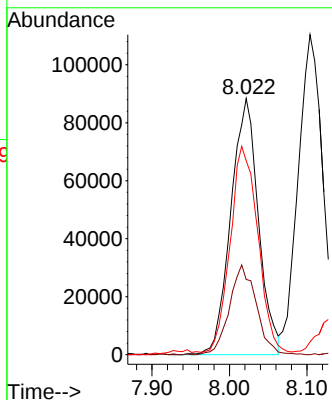
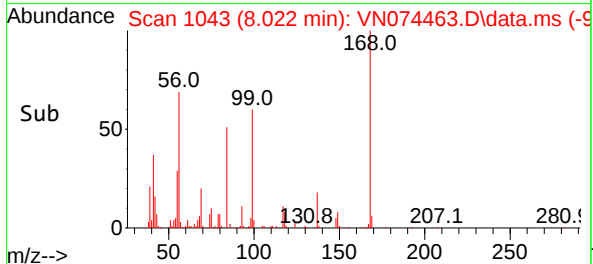
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



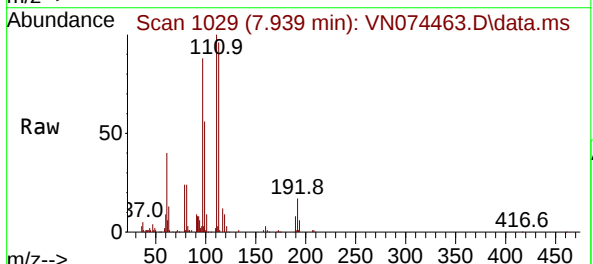
Tgt Ion: 56 Resp: 218920
Ion Ratio Lower Upper
56 100
69 29.4 27.8 41.8
84 74.4 76.9 115.3

Manual Integrations
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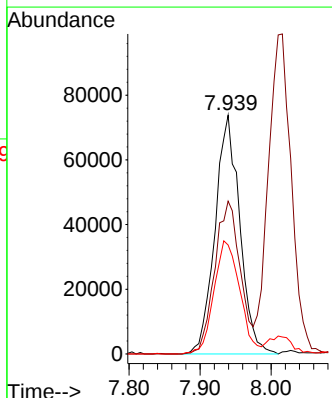
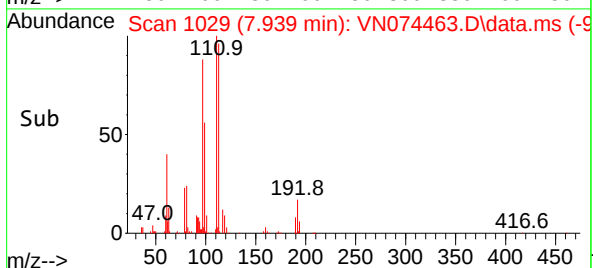
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

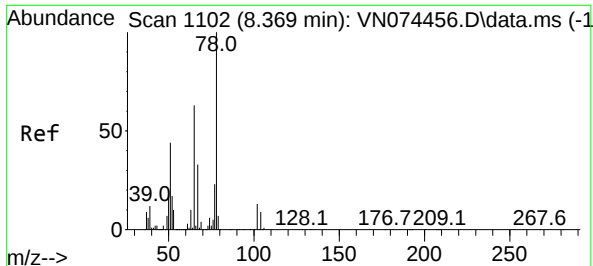


#32
1,1,1-Trichloroethane
Concen: 19.487 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56



Tgt Ion: 97 Resp: 178305
Ion Ratio Lower Upper
97 100
99 66.4 50.6 76.0
61 49.7 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 50.071 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074463.D

Acq: 15 Sep 2022 15:56

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBSD01

Tgt Ion: 65 Resp: 30421

Ion Ratio Lower Upper

65 100

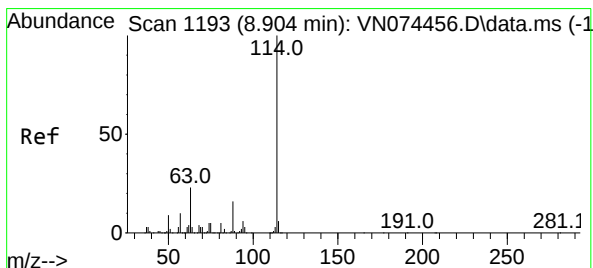
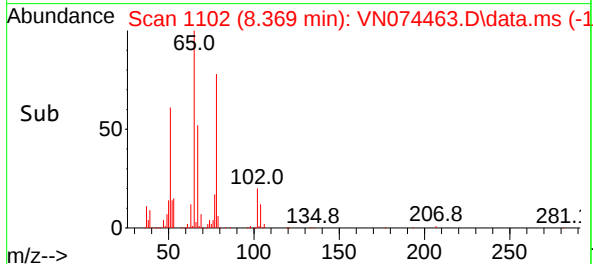
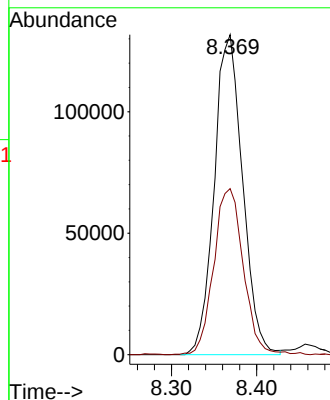
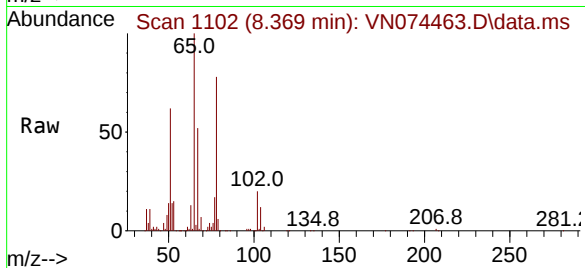
67 54.3 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074463.D

Acq: 15 Sep 2022 15:56

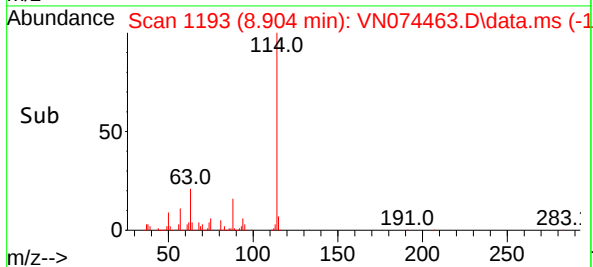
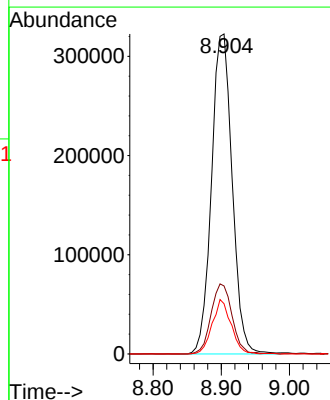
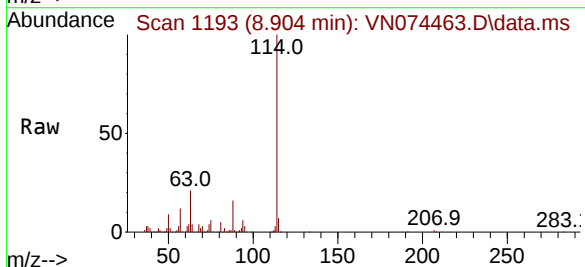
Tgt Ion:114 Resp: 681898

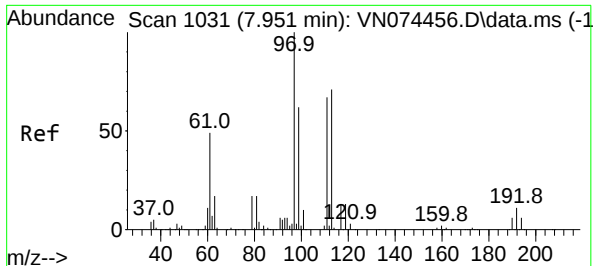
Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.0

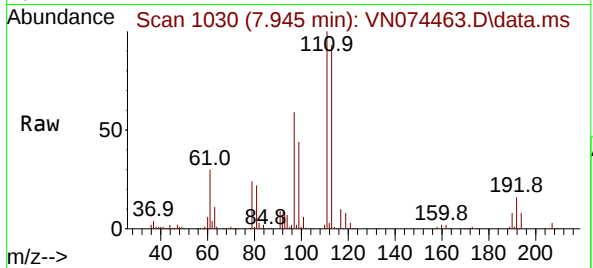
88 15.7 0.0 32.6





#35
Dibromofluoromethane
Concen: 49.908 ug/l
RT: 7.945 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

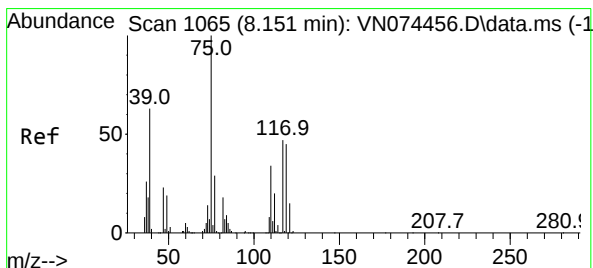
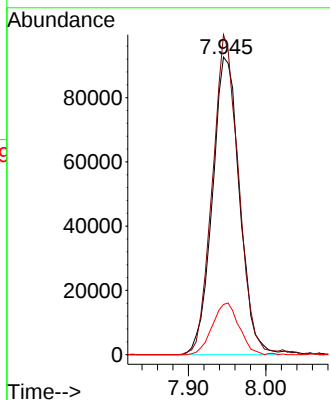
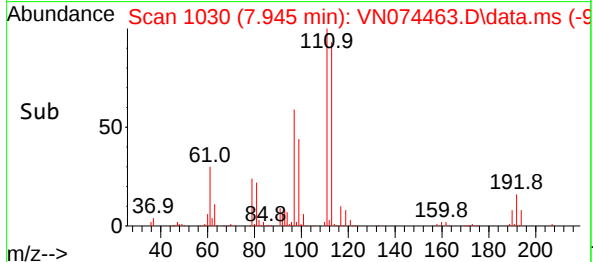
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



Tgt Ion: 113 Resp: 226068
Ion Ratio Lower Upper
113 100
111 104.4 81.4 122.0
192 17.0 17.0 25.6

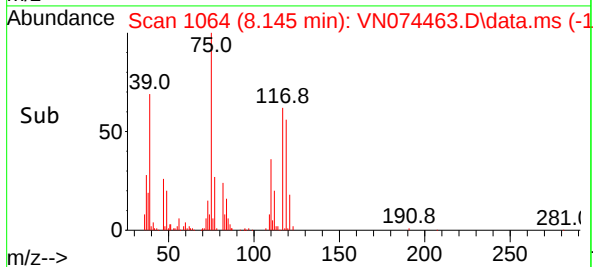
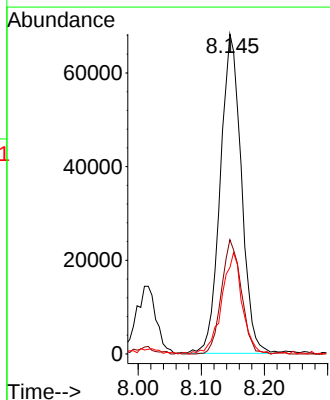
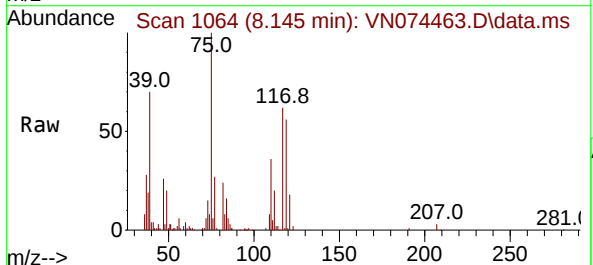
Manual Integrations
APPROVED

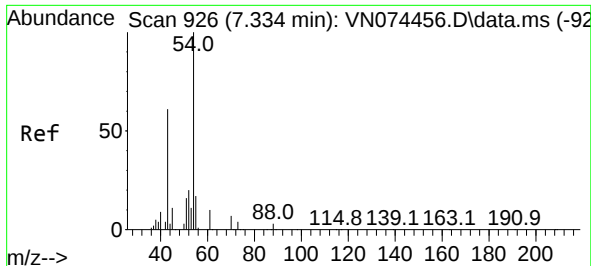
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#36
1,1-Dichloropropene
Concen: 19.688 ug/l
RT: 8.145 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

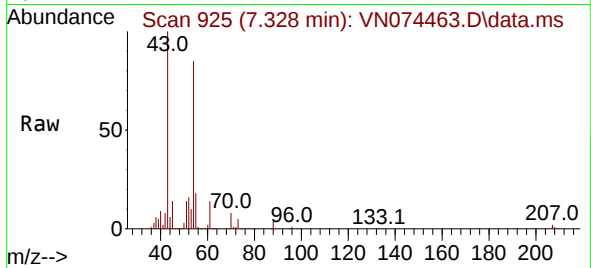
Tgt Ion: 75 Resp: 157856
Ion Ratio Lower Upper
75 100
110 33.6 18.3 54.8
77 31.0 25.1 37.7





#37
Ethyl Acetate
Concen: 22.246 ug/l
RT: 7.328 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

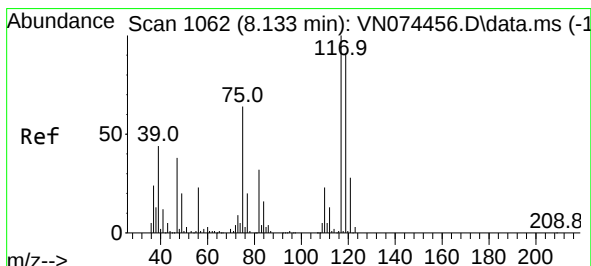
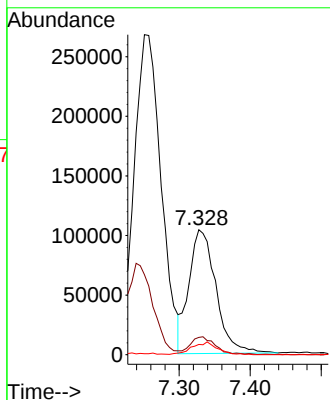
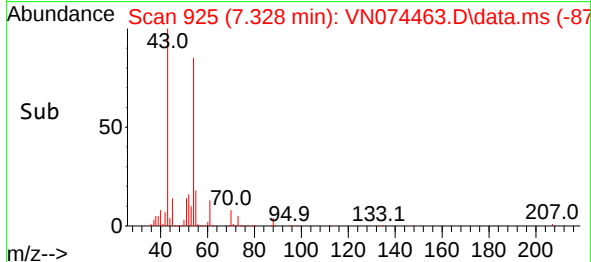
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



Tgt Ion: 43 Resp: 275456
Ion Ratio Lower Upper
43 100
61 13.0 11.8 17.6
70 9.6 9.3 13.9

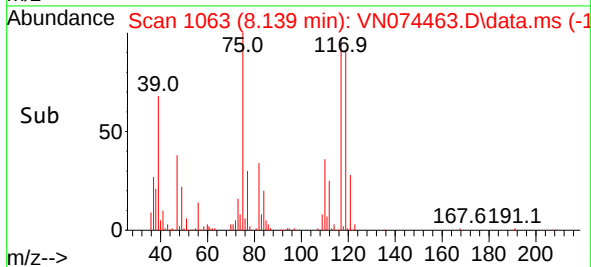
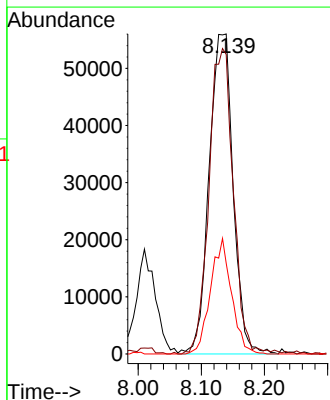
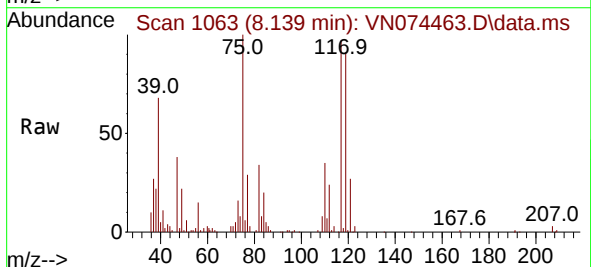
Manual Integrations
APPROVED

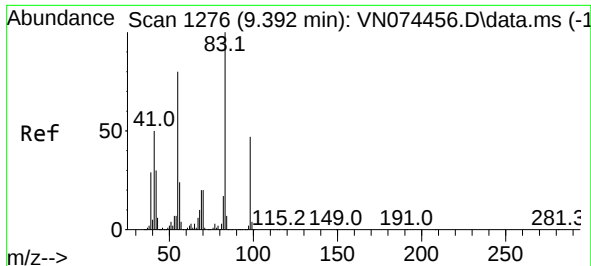
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#38
Carbon Tetrachloride
Concen: 20.019 ug/l
RT: 8.139 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

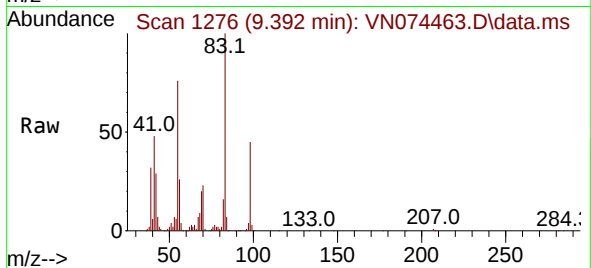
Tgt Ion:117 Resp: 148197
Ion Ratio Lower Upper
117 100
119 93.6 75.8 113.8
121 28.4 24.6 37.0





#39
Methylcyclohexane
Concen: 21.448 ug/l
RT: 9.392 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

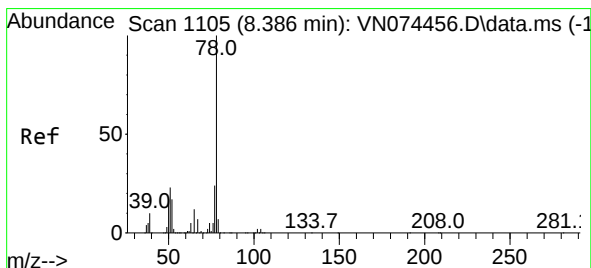
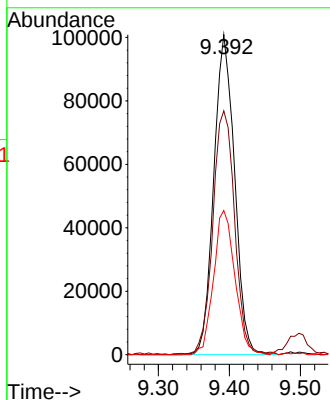
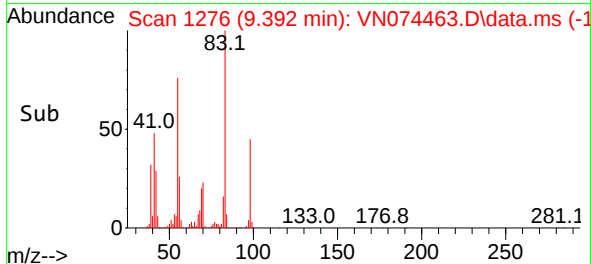
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



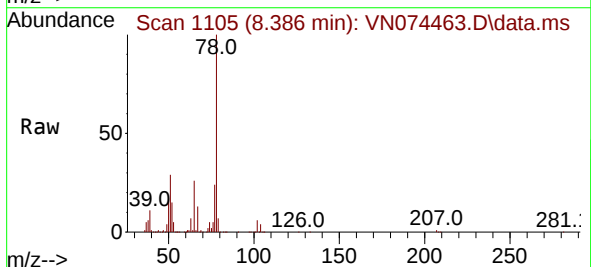
Tgt Ion: 83 Resp: 20448
Ion Ratio Lower Upper
83 100
55 75.8 57.8 86.8
98 45.1 39.4 59.2

Manual Integrations
APPROVED

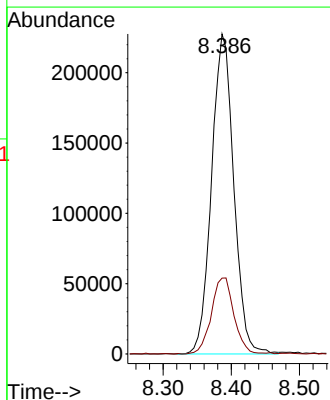
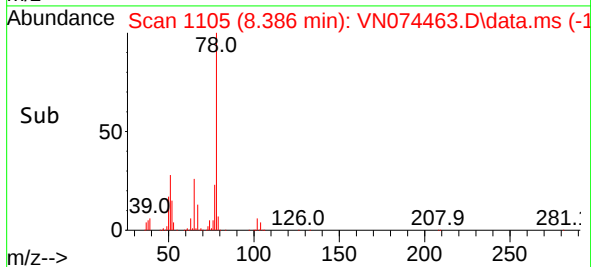
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

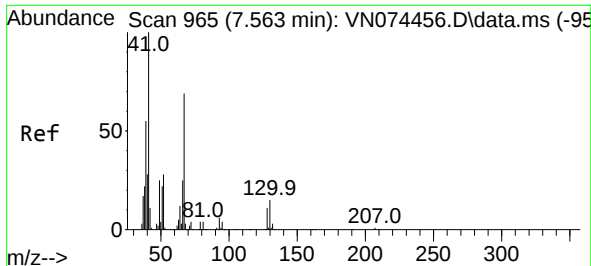


#40
Benzene
Concen: 20.834 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56



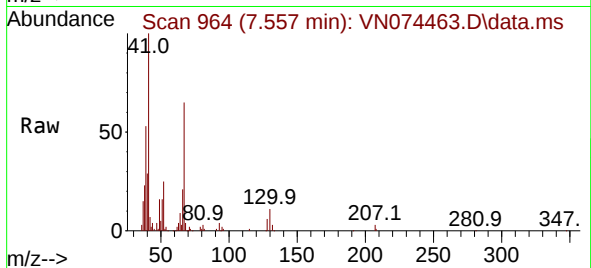
Tgt Ion: 78 Resp: 516536
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.0





#41
Methacrylonitrile
Concen: 22.081 ug/l
RT: 7.557 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

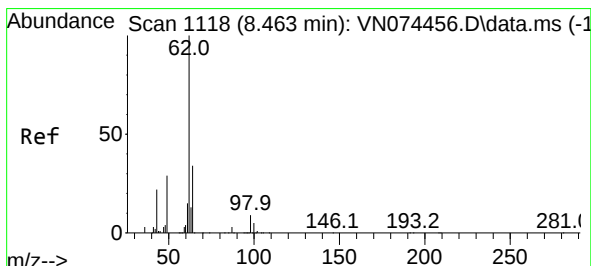
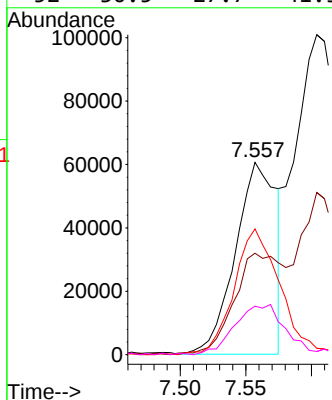
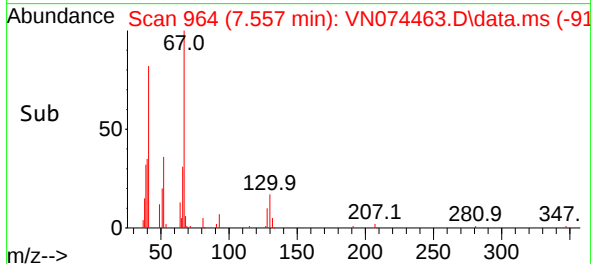
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



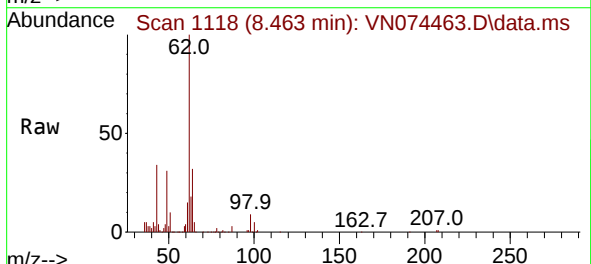
Tgt Ion: 41 Resp: 13218
Ion Ratio Lower Upper
41 100
39 63.2 48.6 73.0
67 74.2 73.4 110.2
52 30.5 27.7 41.5

Manual Integrations
APPROVED

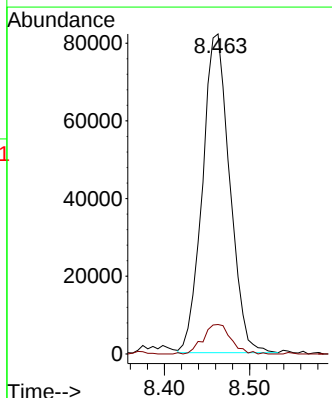
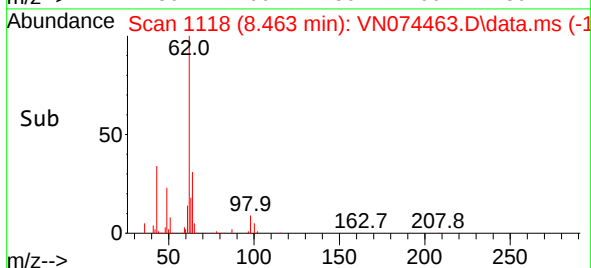
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

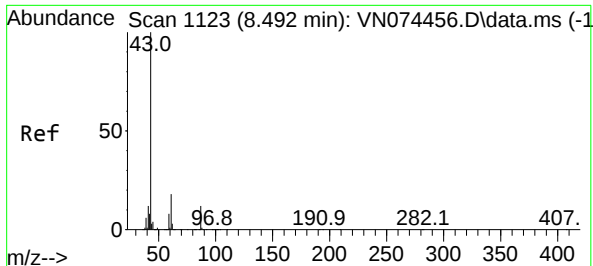


#42
1,2-Dichloroethane
Concen: 21.489 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56



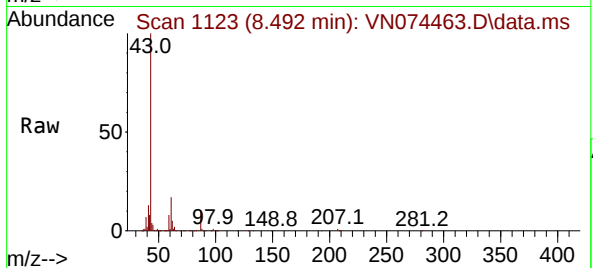
Tgt Ion: 62 Resp: 182832
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.4





#43
Isopropyl Acetate
Concen: 22.607 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

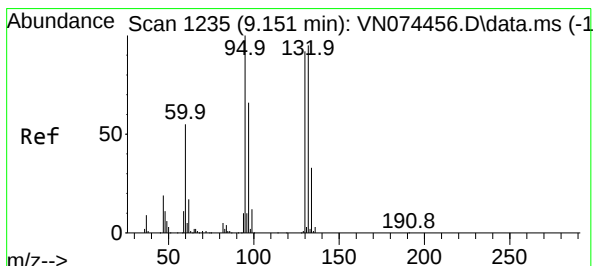
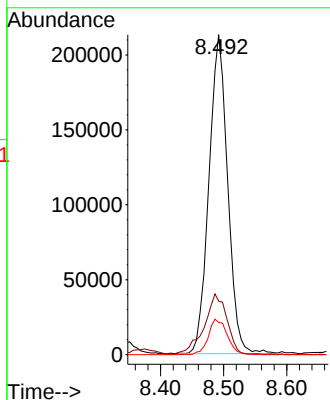
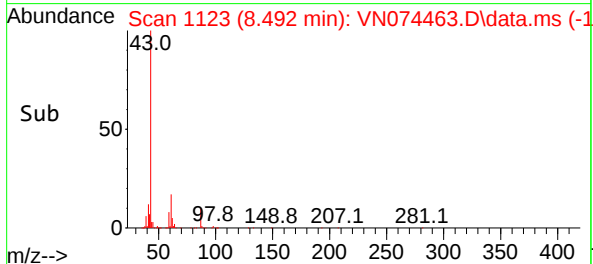
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



Tgt Ion: 43 Resp: 43847
Ion Ratio Lower Upper
43 100
61 22.8 21.9 32.9
87 11.3 12.0 18.0

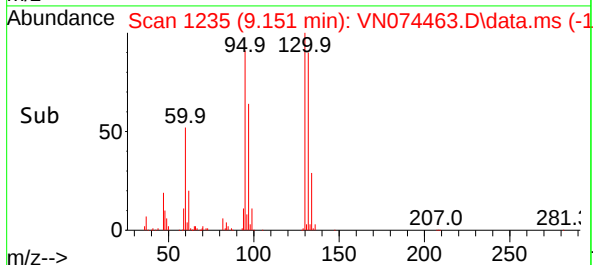
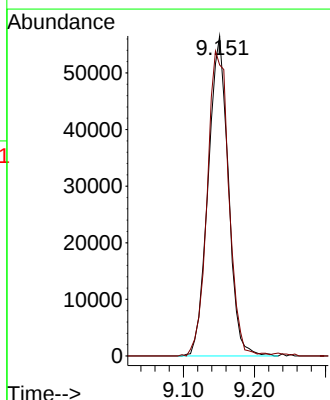
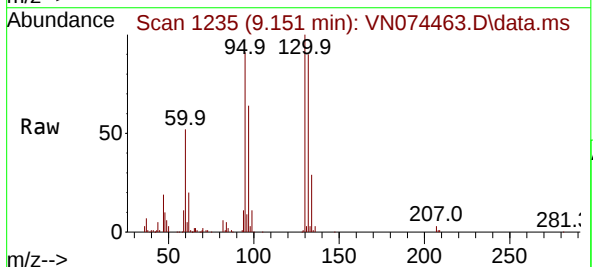
Manual Integrations
APPROVED

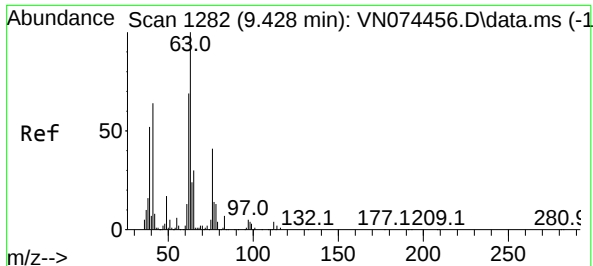
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#44
Trichloroethene
Concen: 20.743 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

Tgt Ion:130 Resp: 111286
Ion Ratio Lower Upper
130 100
95 91.0 0.0 186.8





#45

1,2-Dichloropropane

Concen: 21.626 ug/l

RT: 9.422 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VN074463.D

Acq: 15 Sep 2022 15:56

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBSD01

Tgt Ion: 63 Resp: 14735

Ion Ratio Lower Upper

63 100

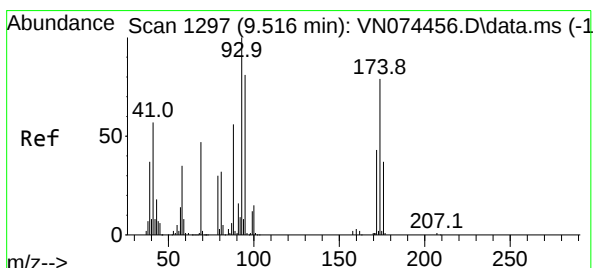
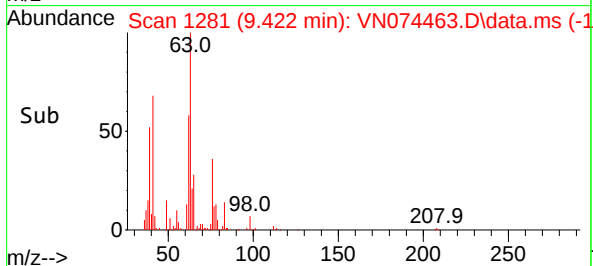
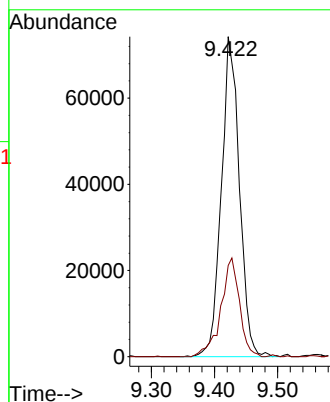
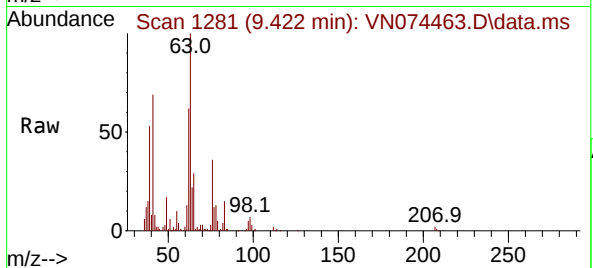
65 28.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#46

Dibromomethane

Concen: 21.274 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN074463.D

Acq: 15 Sep 2022 15:56

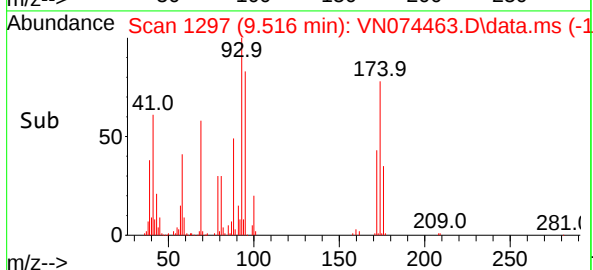
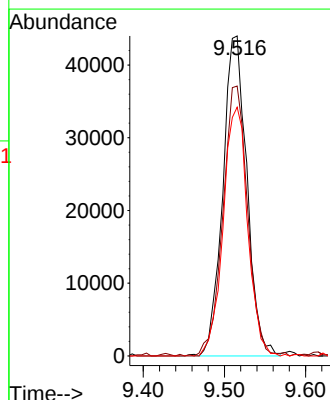
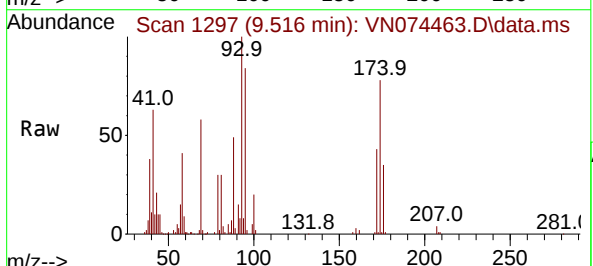
Tgt Ion: 93 Resp: 90786

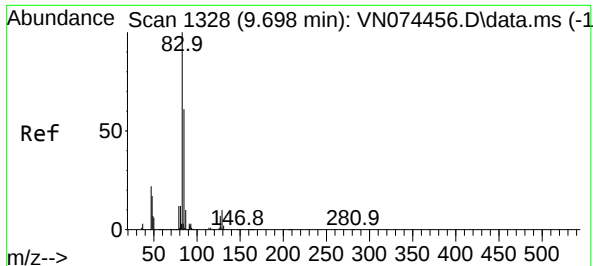
Ion Ratio Lower Upper

93 100

95 86.5 66.9 100.3

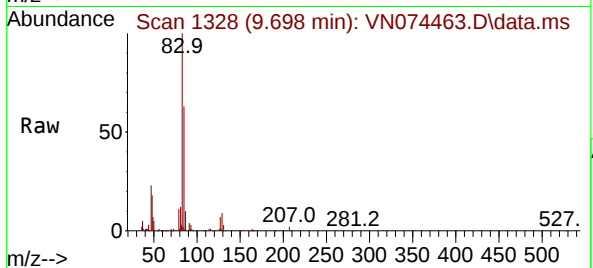
174 79.2 86.6 130.0





#47
Bromodichloromethane
Concen: 21.087 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

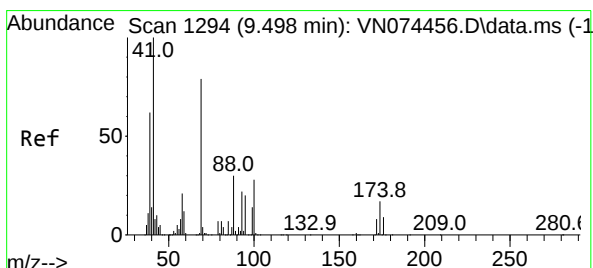
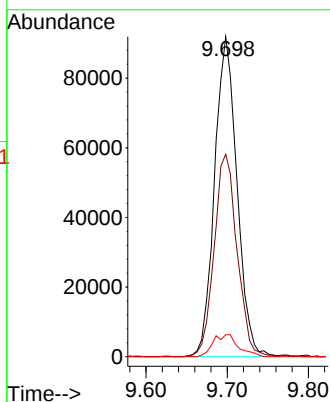
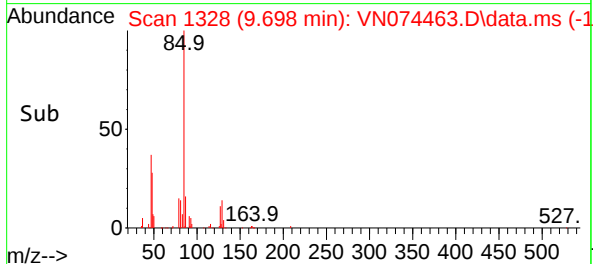
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



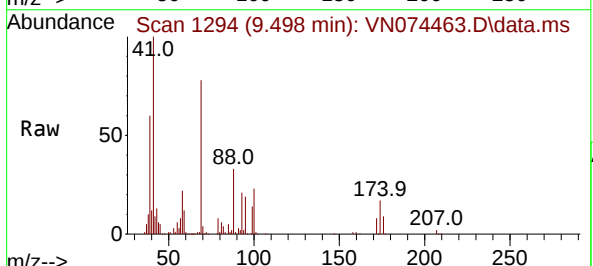
Tgt Ion: 83 Resp: 176429
Ion Ratio Lower Upper
83 100
85 63.3 50.5 75.7
127 6.9 6.8 10.2

Manual Integrations
APPROVED

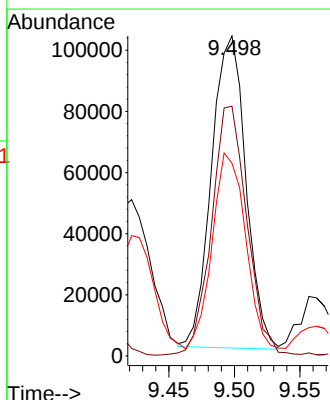
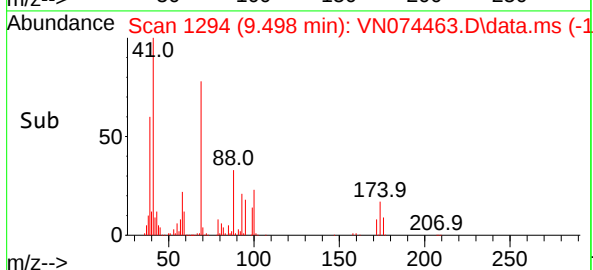
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

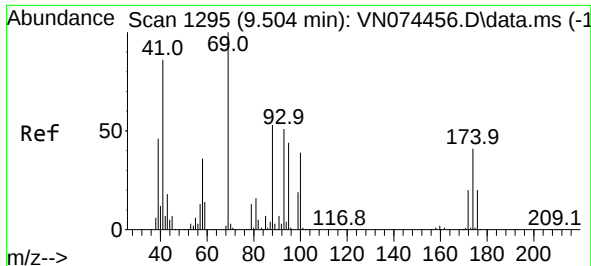


#48
Methyl methacrylate
Concen: 21.606 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56



Tgt Ion: 41 Resp: 185813
Ion Ratio Lower Upper
41 100
69 82.2 74.7 112.1
39 65.3 45.6 68.4





#49

1,4-Dioxane

Concen: 447.952 ug/l

RT: 9.498 min Scan# 1295

Delta R.T. -0.006 min

Lab File: VN074463.D

Acq: 15 Sep 2022 15:56

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBSD01

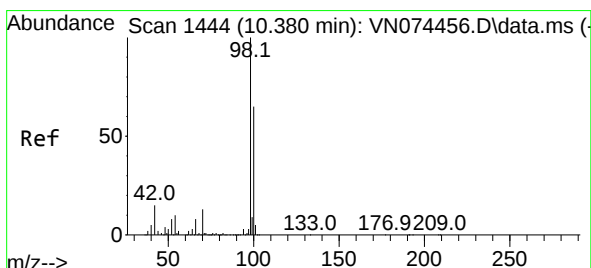
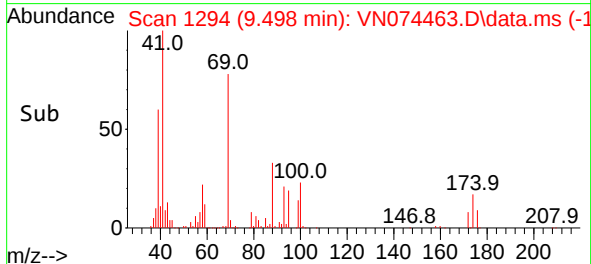
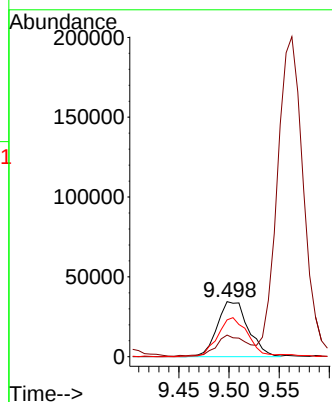
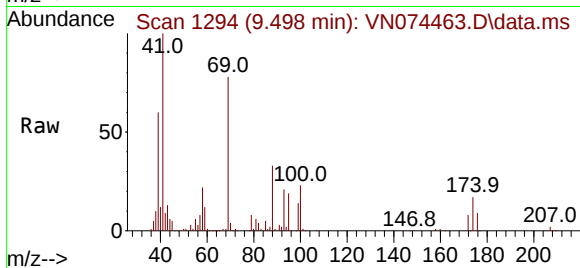
Tgt Ion:	88	Resp:	7406
Ion Ratio	Lower	Upper	
88	100		
43	39.1	20.2	30.4
58	72.1	54.2	81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#50

Toluene-d8

Concen: 49.746 ug/l

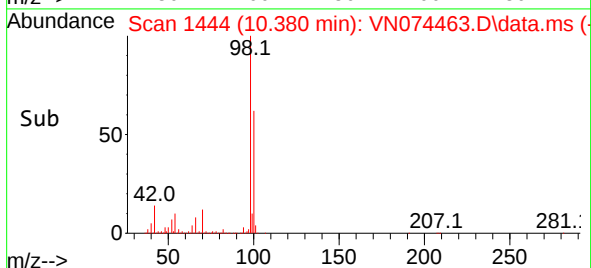
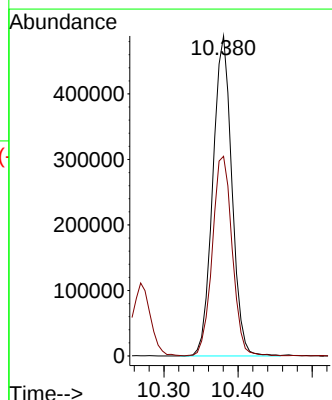
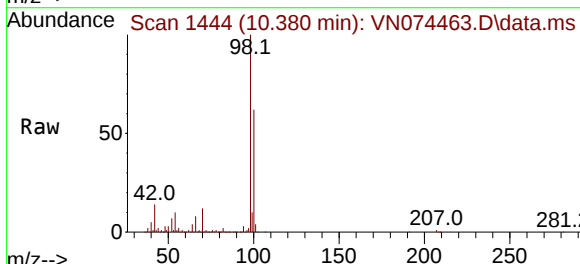
RT: 10.380 min Scan# 1444

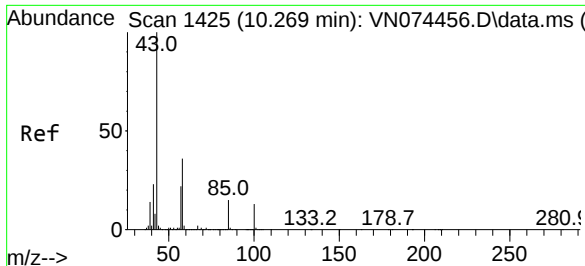
Delta R.T. 0.000 min

Lab File: VN074463.D

Acq: 15 Sep 2022 15:56

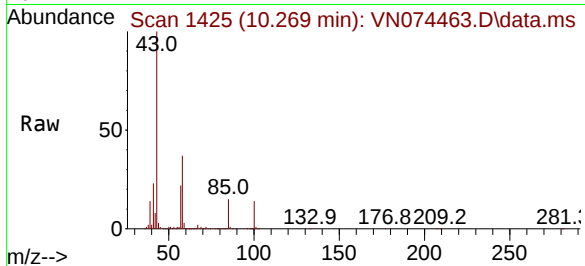
Tgt Ion:	98	Resp:	871460
Ion Ratio	Lower	Upper	
98	100		
100	64.9	52.6	78.8





#51
4-Methyl-2-Pentanone
Concen: 113.399 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

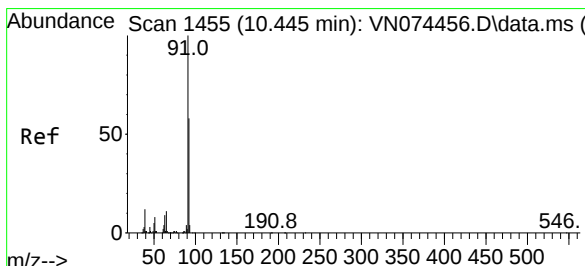
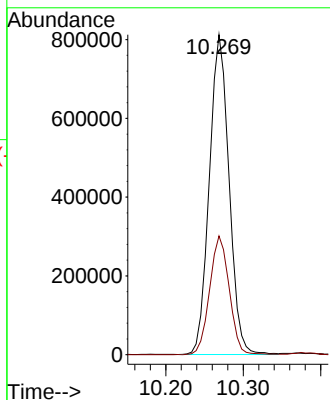
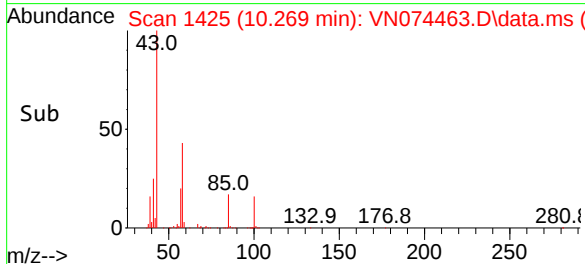
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



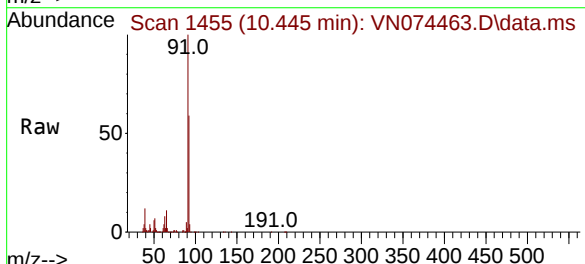
Tgt Ion: 43 Resp: 1436260
Ion Ratio Lower Upper
43 100
58 36.9 34.1 51.1

Manual Integrations
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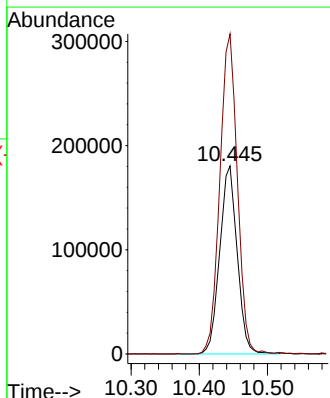
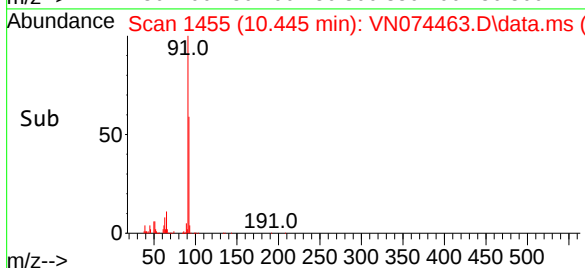
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

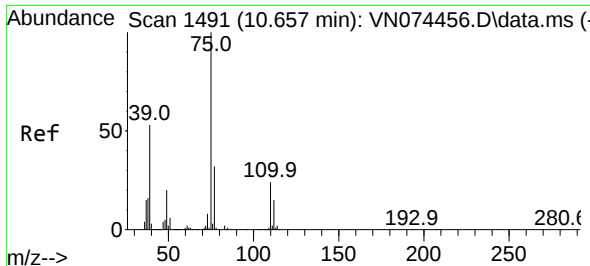


#52
Toluene
Concen: 22.138 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56



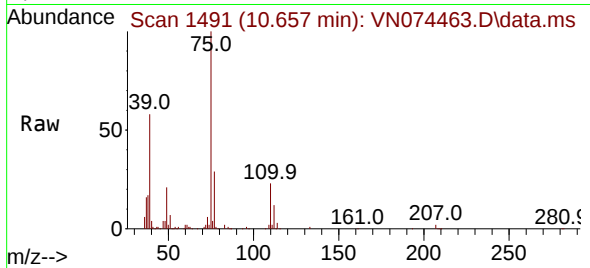
Tgt Ion: 92 Resp: 321851
Ion Ratio Lower Upper
92 100
91 170.8 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 21.883 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

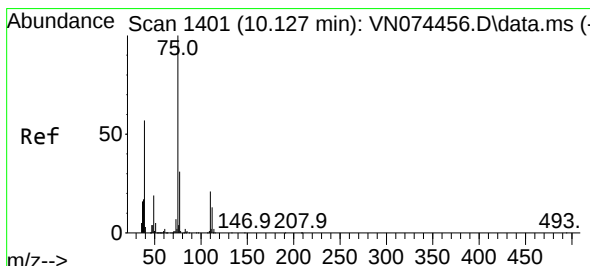
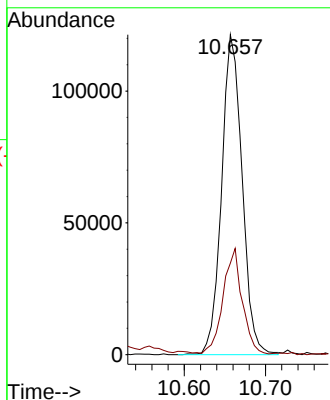
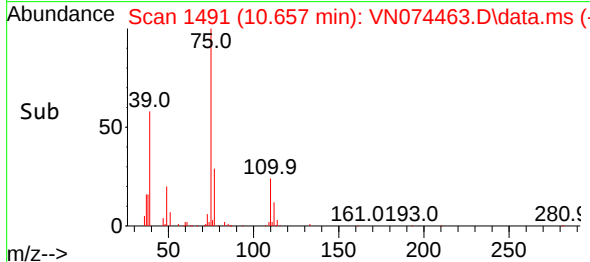
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



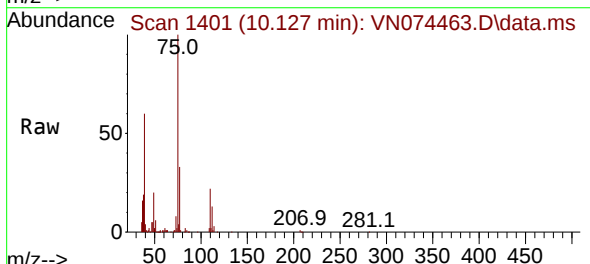
Tgt Ion: 75 Resp: 213380
Ion Ratio Lower Upper
75 100
77 28.2 25.6 38.4

Manual Integrations
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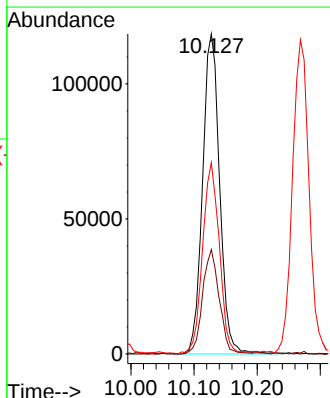
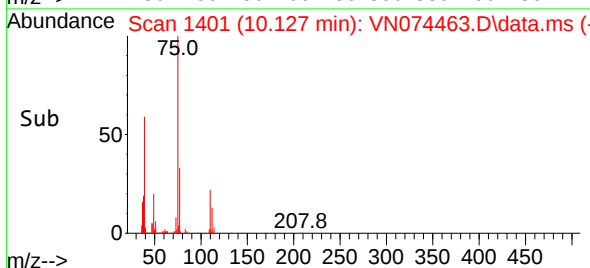
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

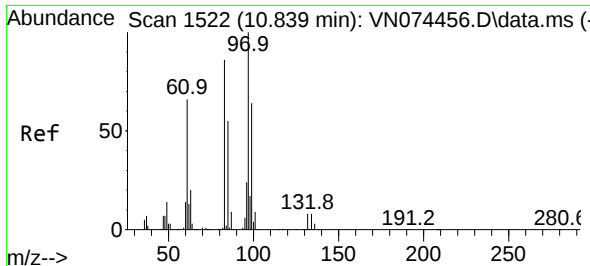


#54
cis-1,3-Dichloropropene
Concen: 21.330 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56



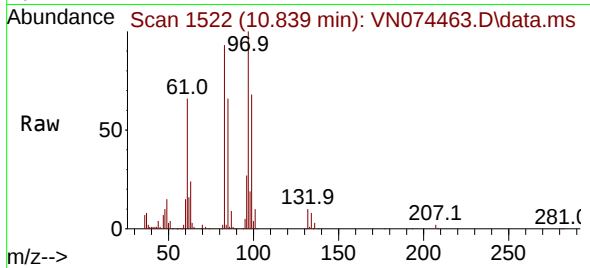
Tgt Ion: 75 Resp: 222583
Ion Ratio Lower Upper
75 100
77 32.6 25.2 37.8
39 59.8 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 20.740 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

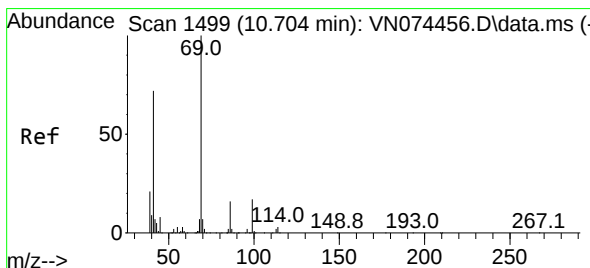
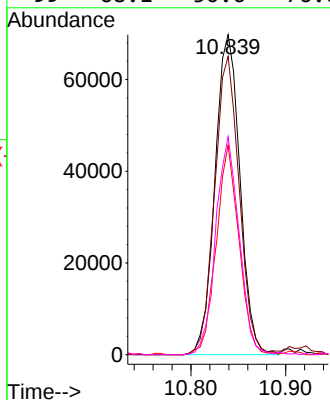
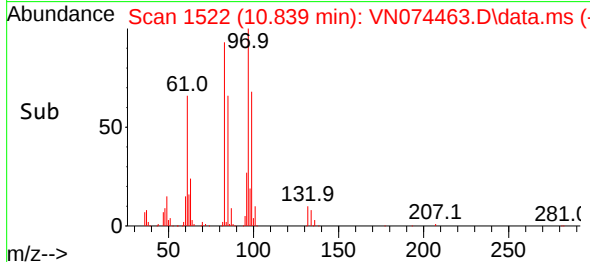
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	93.2	66.2	99.4
85	65.5	43.9	65.9
99	68.1	50.6	76.0

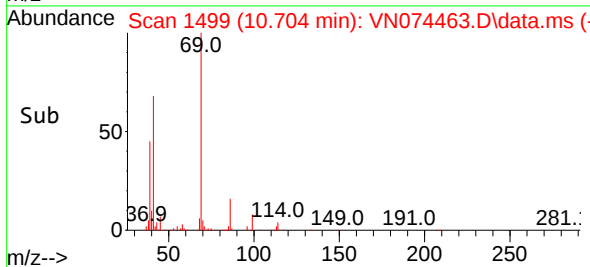
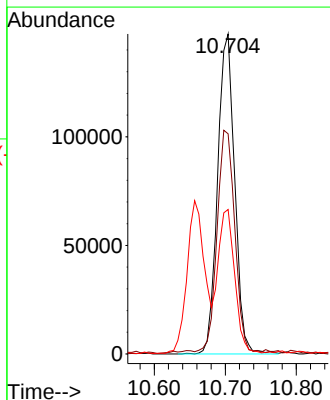
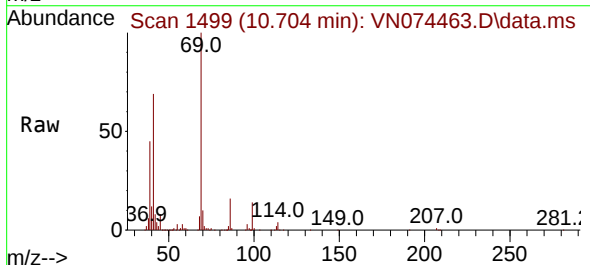
Manual Integrations
APPROVED

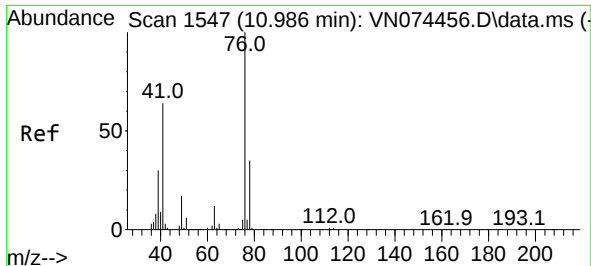
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#56
Ethyl methacrylate
Concen: 22.316 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.2	47.8	71.6
39	43.4	27.3	40.9





#57

1,3-Dichloropropane

Concen: 21.864 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN074463.D

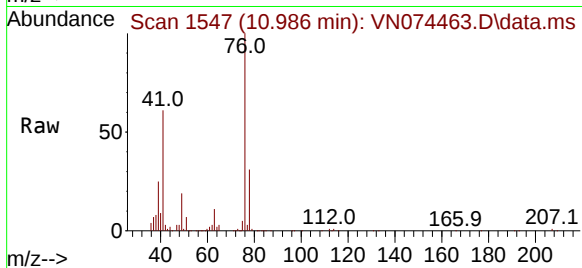
Acq: 15 Sep 2022 15:56

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBSD01



Tgt Ion: 76 Resp: 236074

Ion Ratio Lower Upper

76 100

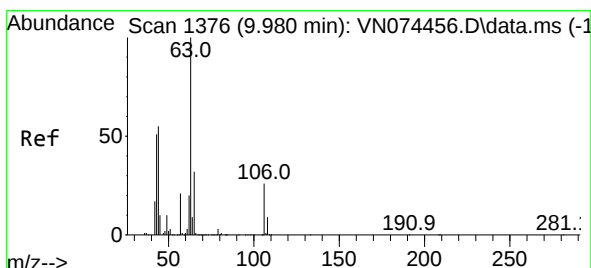
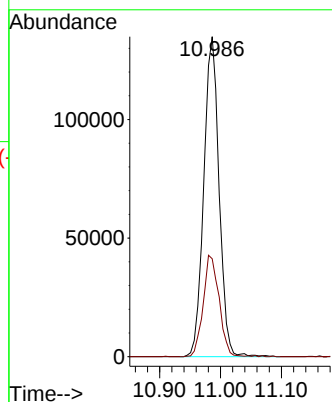
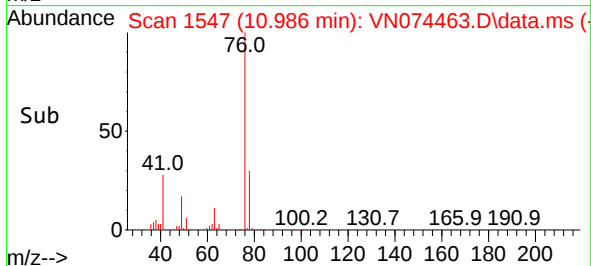
78 32.8 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#58

2-Chloroethyl Vinyl ether

Concen: 98.796 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN074463.D

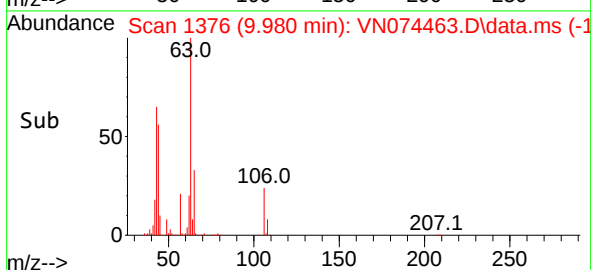
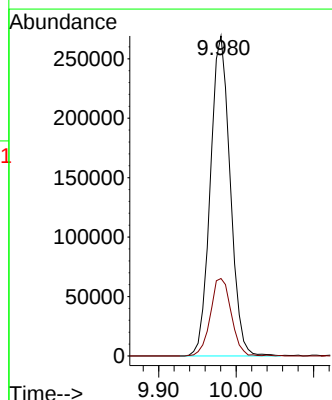
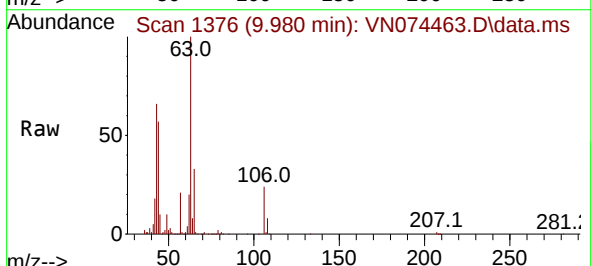
Acq: 15 Sep 2022 15:56

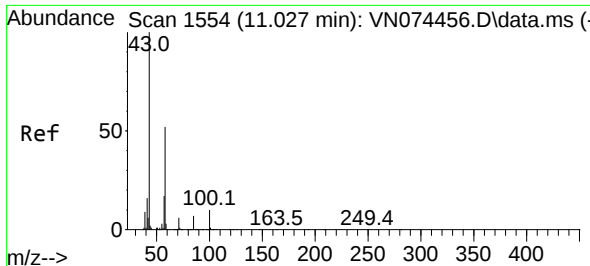
Tgt Ion: 63 Resp: 478296

Ion Ratio Lower Upper

63 100

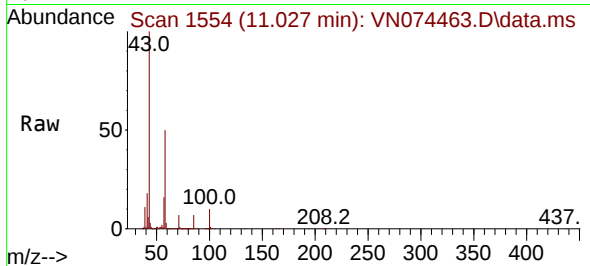
106 25.4 24.6 36.8





#59
2-Hexanone
Concen: 114.542 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

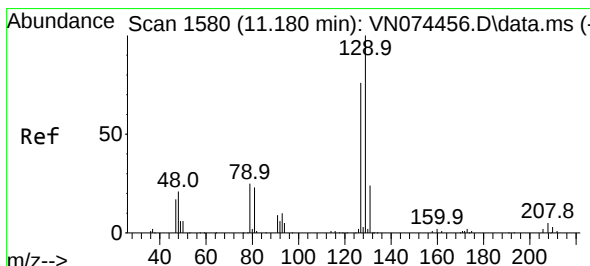
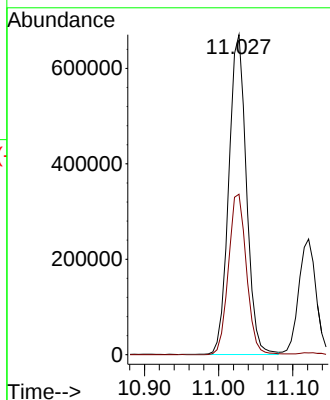
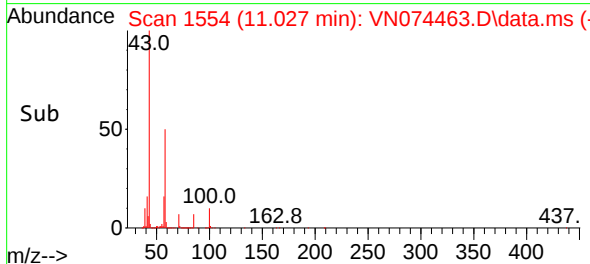
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



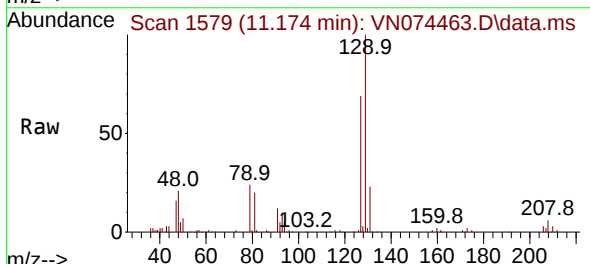
Tgt Ion: 43 Resp: 1107472
Ion Ratio Lower Upper
43 100
58 51.4 29.7 89.1

Manual Integrations
APPROVED

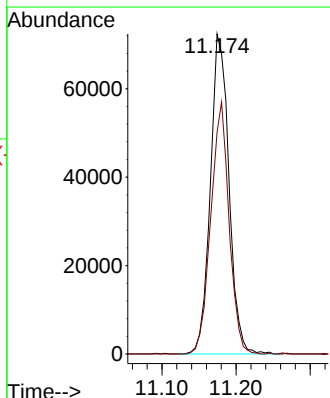
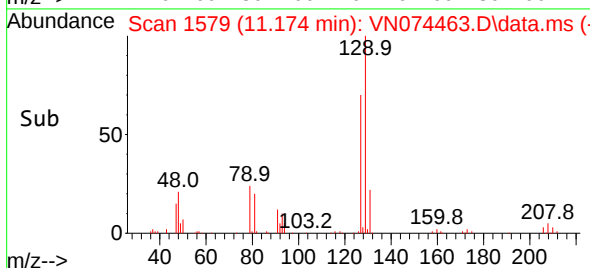
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

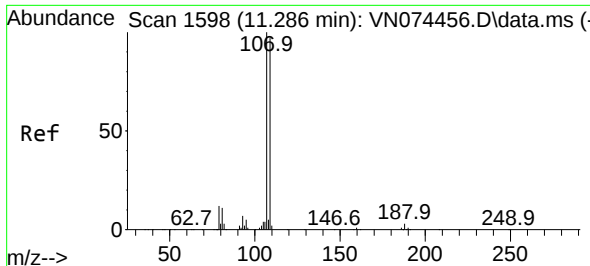


#60
Dibromochloromethane
Concen: 21.352 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. -0.006 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56



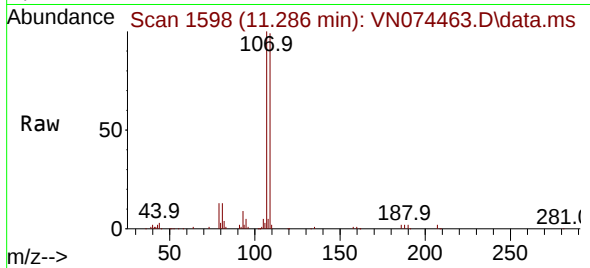
Tgt Ion:129 Resp: 125881
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 22.266 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

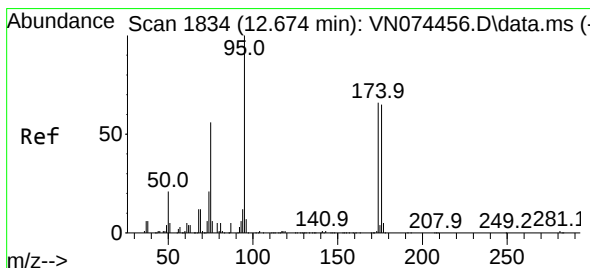
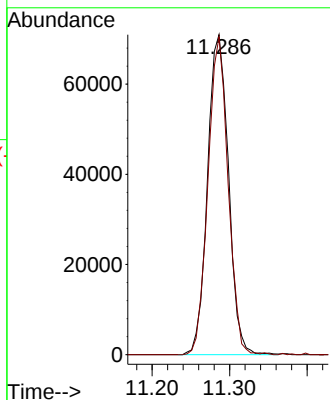
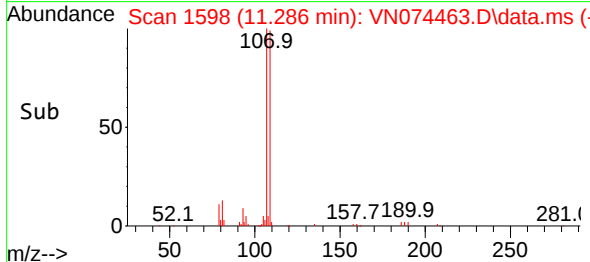
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



Tgt Ion:107 Resp: 133208
Ion Ratio Lower Upper
107 100
109 95.2 75.0 112.6

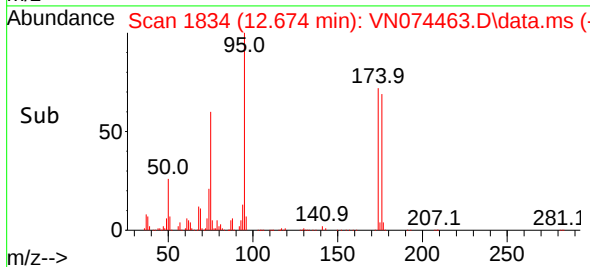
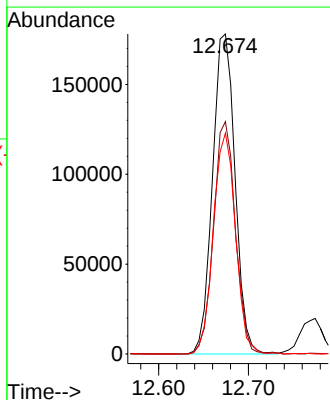
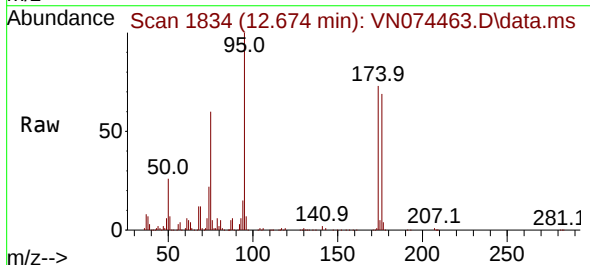
Manual Integrations
APPROVED

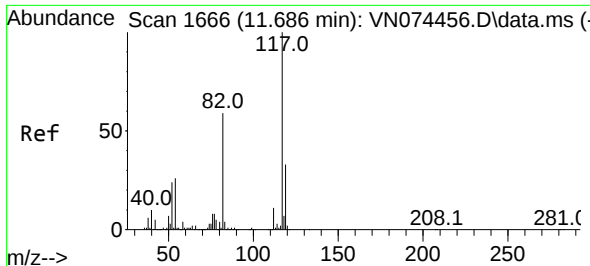
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#62
4-Bromofluorobenzene
Concen: 51.818 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

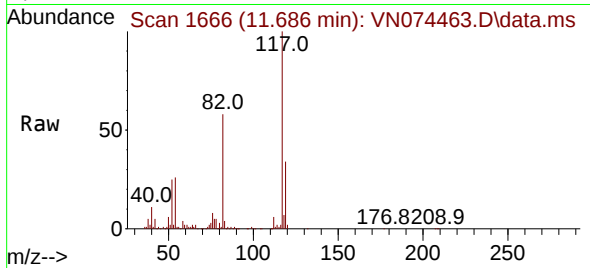
Tgt Ion: 95 Resp: 310901
Ion Ratio Lower Upper
95 100
174 70.3 0.0 167.6
176 67.9 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

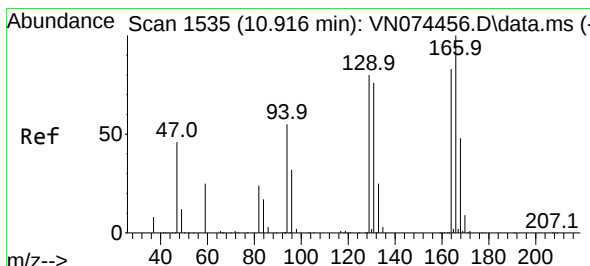
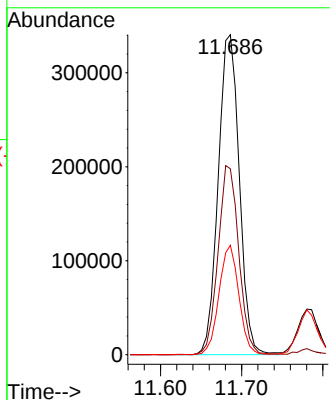
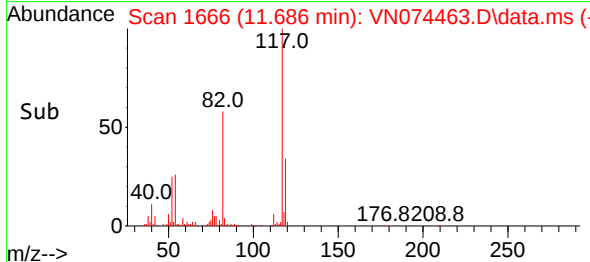
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



Tgt Ion:117 Resp: 616062
Ion Ratio Lower Upper
117 100
82 58.0 44.2 66.2
119 34.1 25.4 38.0

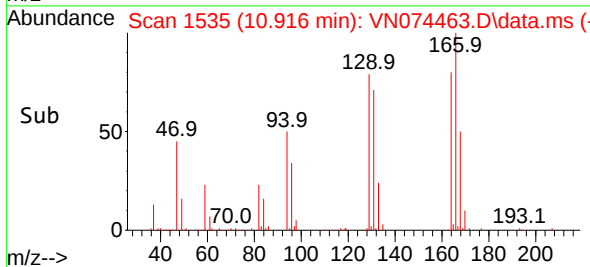
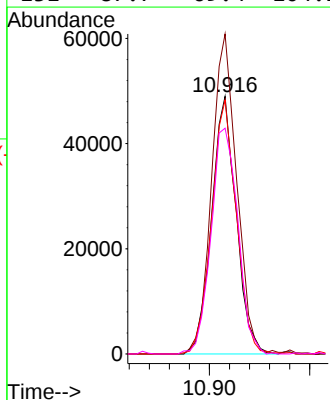
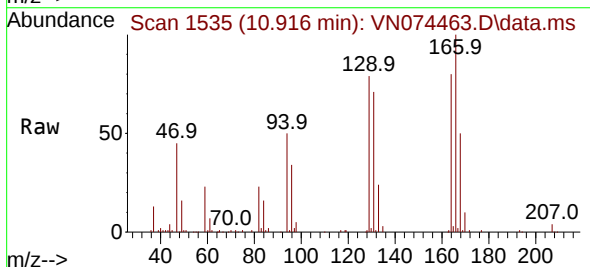
Manual Integrations
APPROVED

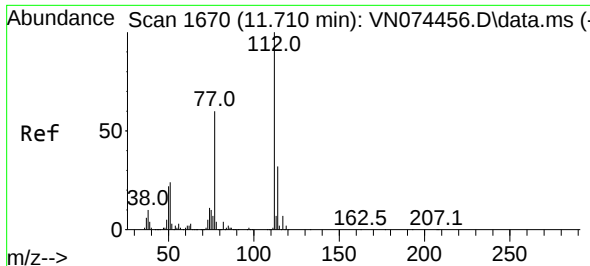
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#64
Tetrachloroethene
Concen: 19.702 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

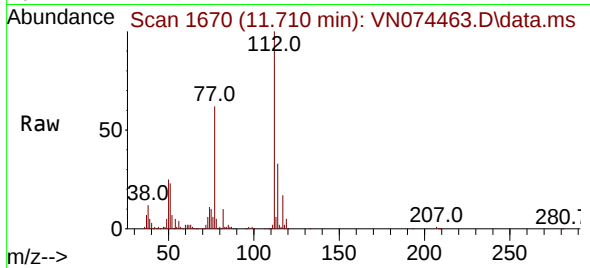
Tgt Ion:164 Resp: 83299
Ion Ratio Lower Upper
164 100
166 124.2 104.2 156.2
129 98.6 73.9 110.9
131 87.7 69.4 104.2





#65
Chlorobenzene
Concen: 20.482 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

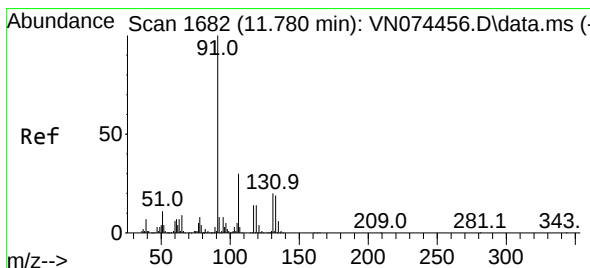
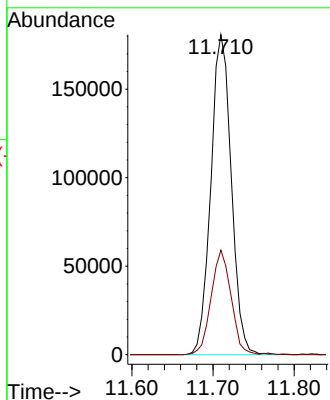
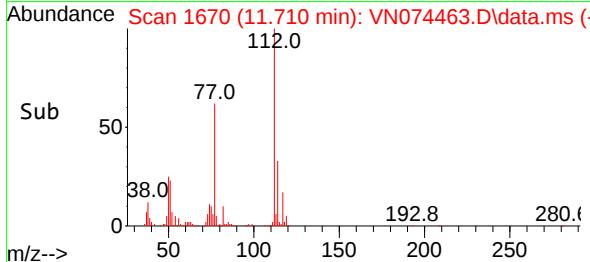
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



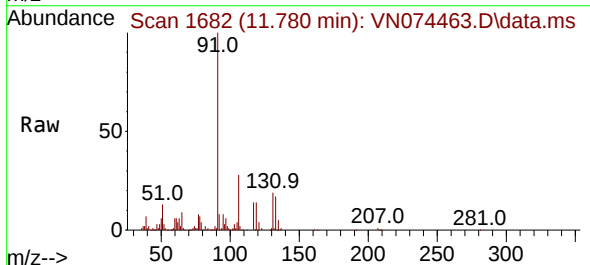
Tgt Ion:112 Resp: 31678
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.2

Manual Integrations
APPROVED

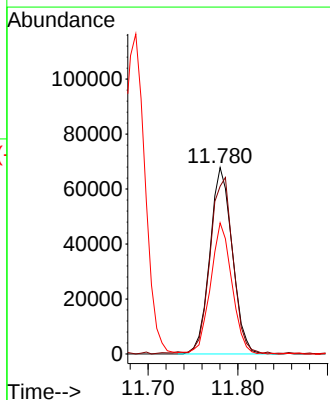
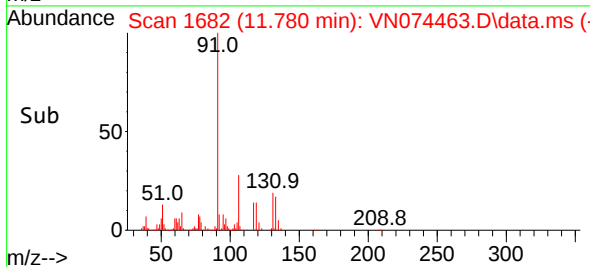
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

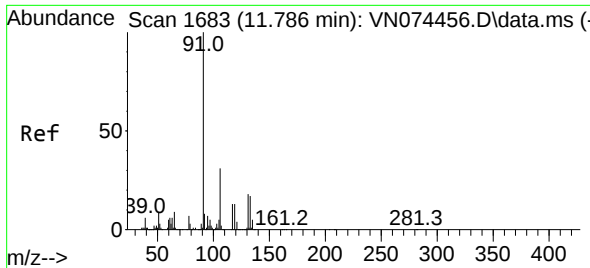


#66
1,1,1,2-Tetrachloroethane
Concen: 21.007 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56



Tgt Ion:131 Resp: 118045
Ion Ratio Lower Upper
131 100
133 98.0 47.8 143.4
119 67.3 33.4 100.2





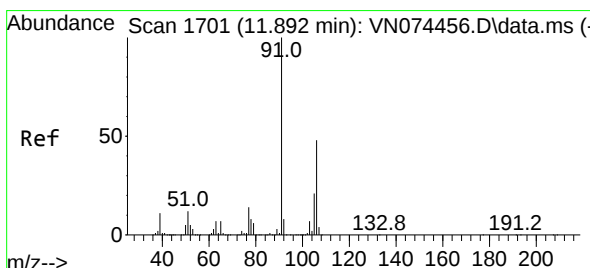
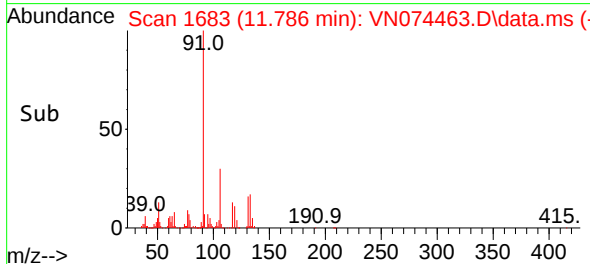
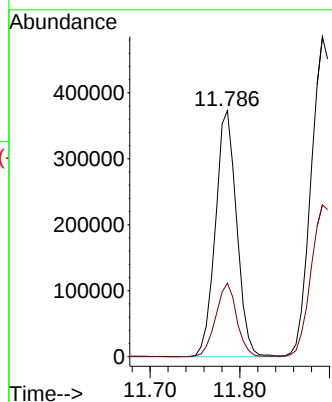
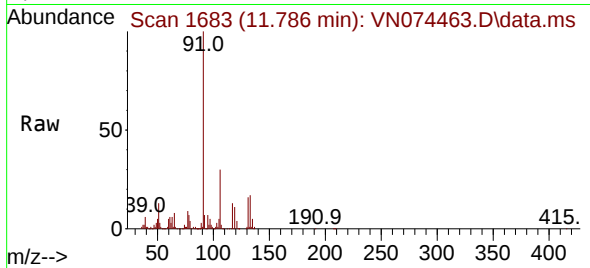
#67
Ethyl Benzene
Concen: 21.562 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01

Tgt Ion: 91 Resp: 612262
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3

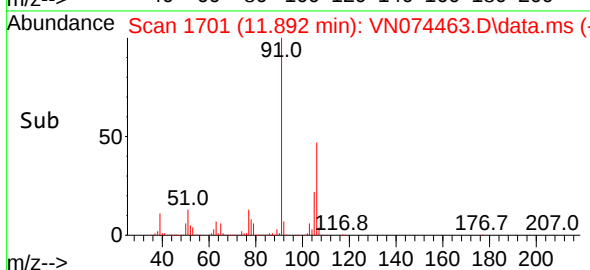
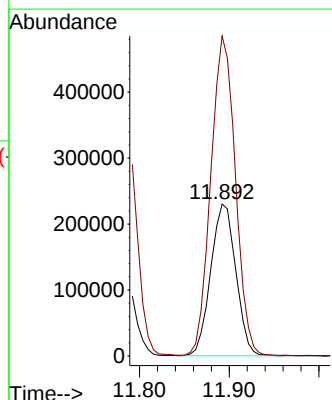
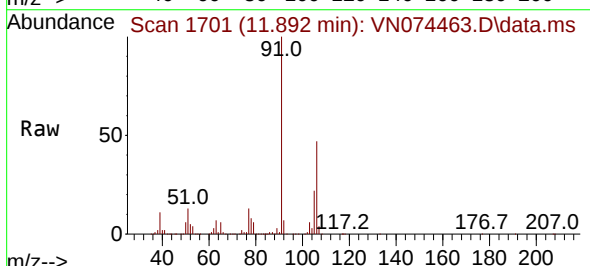
Manual Integrations
APPROVED

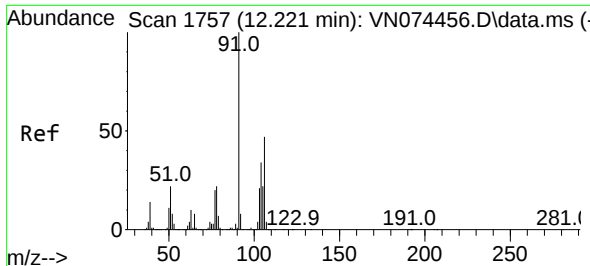
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#68
m/p-Xylenes
Concen: 42.505 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

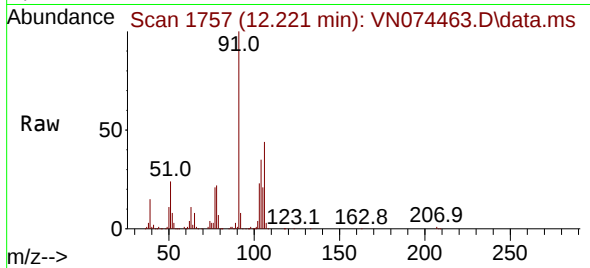
Tgt Ion:106 Resp: 446244
Ion Ratio Lower Upper
106 100
91 207.4 158.9 238.3





#69
o-Xylene
Concen: 21.401 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

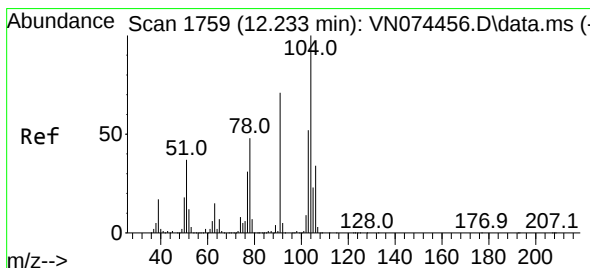
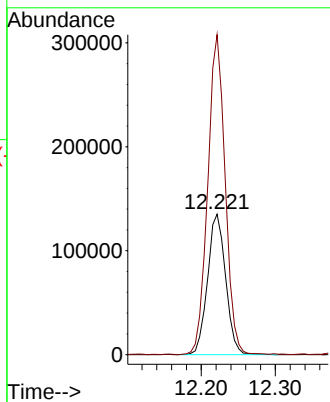
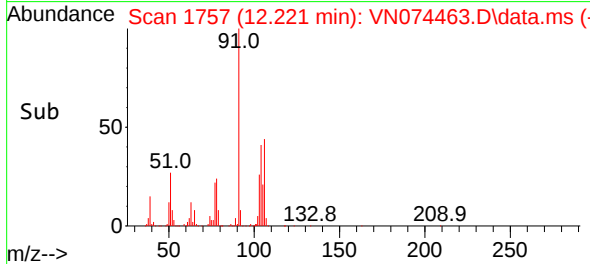
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



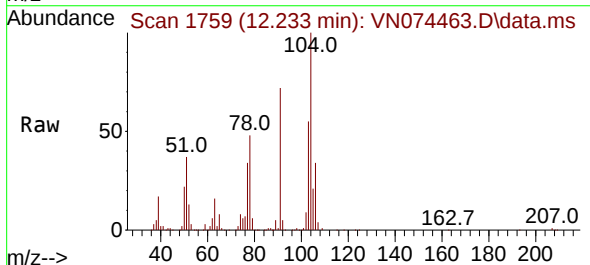
Tgt Ion:106 Resp: 229084
Ion Ratio Lower Upper
106 100
91 219.6 106.0 318.0

Manual Integrations
APPROVED

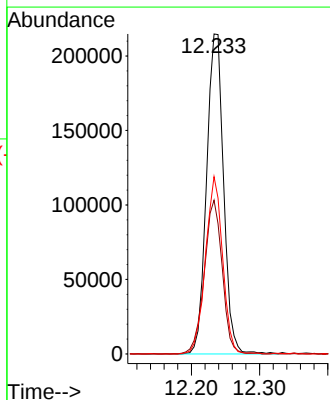
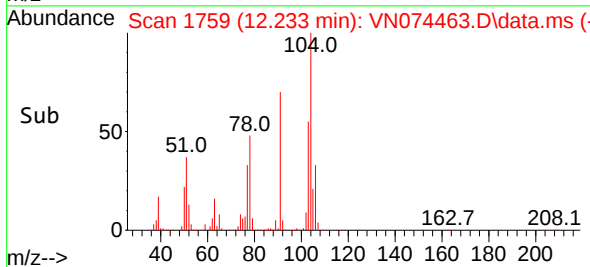
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

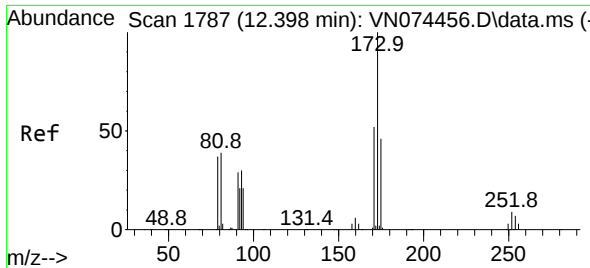


#70
Styrene
Concen: 20.997 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56



Tgt Ion:104 Resp: 373863
Ion Ratio Lower Upper
104 100
78 50.4 39.5 59.3
103 55.7 44.0 66.0





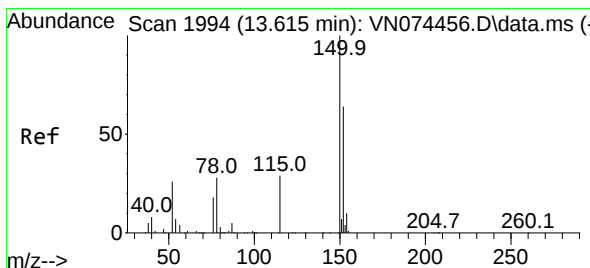
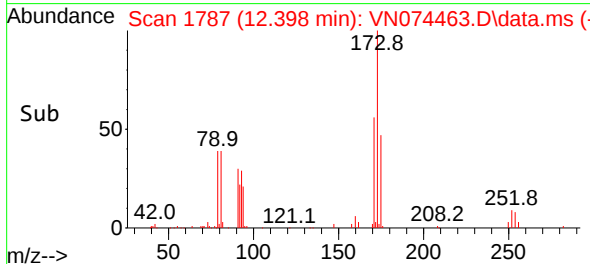
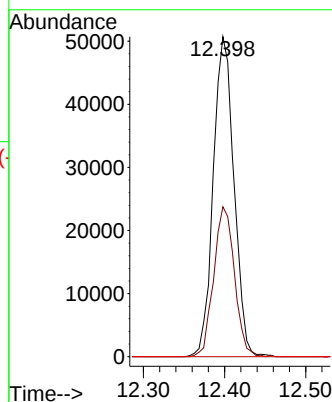
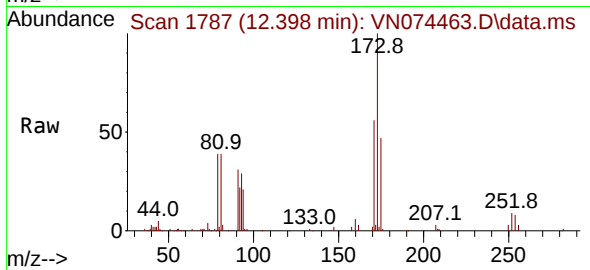
#71
Bromoform
Concen: 21.763 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01

Tgt Ion:173 Resp: 8988
Ion Ratio Lower Upper
173 100
175 47.0 24.6 73.6
254 0.0 0.1 0.1

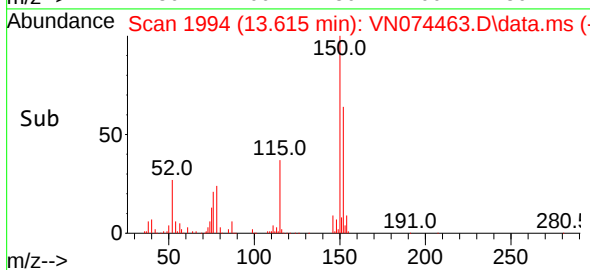
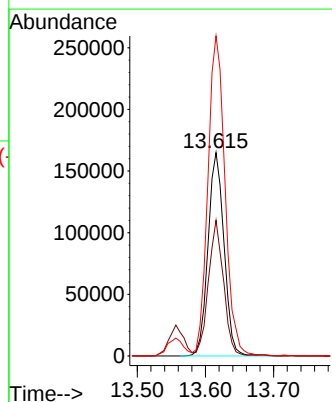
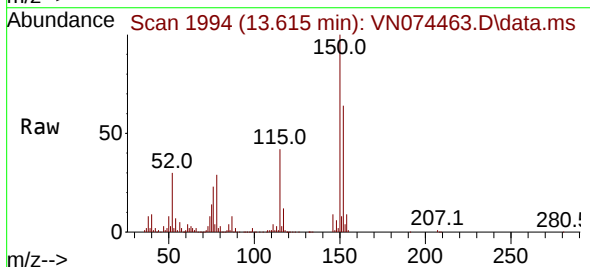
Manual Integrations
APPROVED

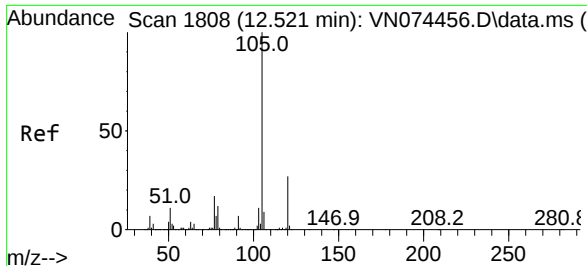
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

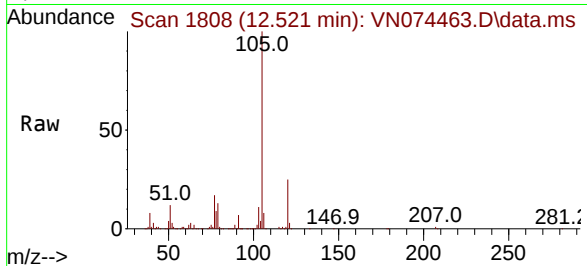
Tgt Ion:152 Resp: 269969
Ion Ratio Lower Upper
152 100
115 62.2 28.9 86.7
150 167.9 0.0 356.2





#73
Isopropylbenzene
Concen: 20.857 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

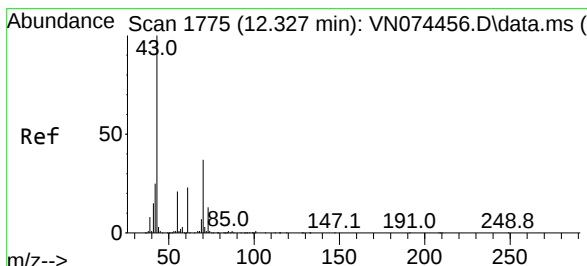
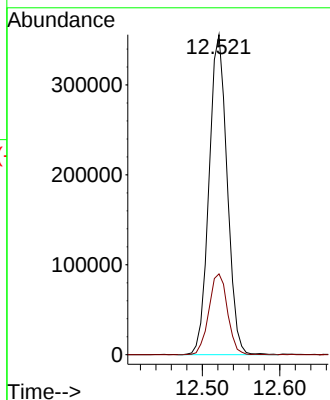
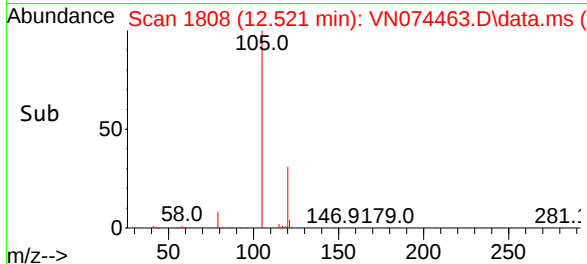
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



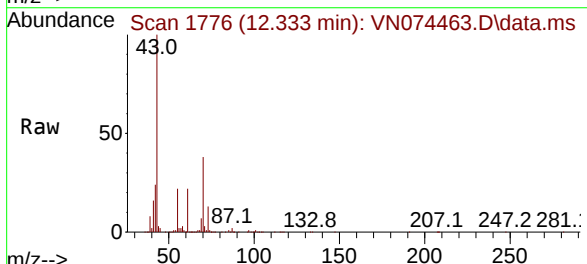
Tgt Ion:105 Resp: 576538
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4

Manual Integrations
APPROVED

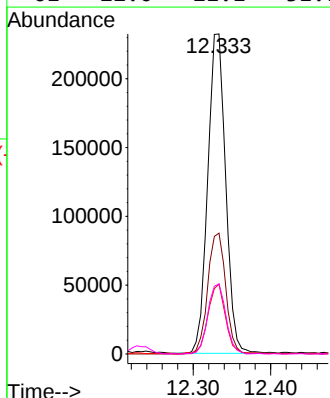
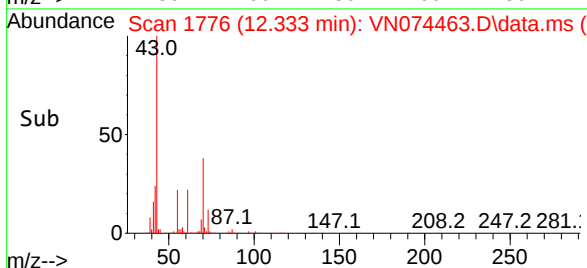
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

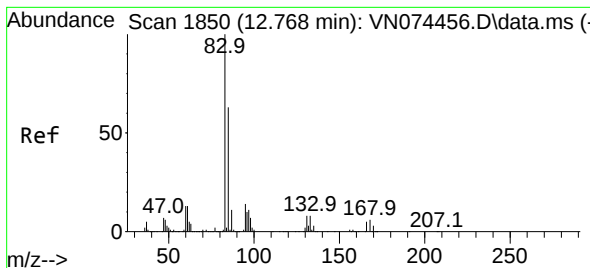


#74
N-ethyl acetate
Concen: 21.570 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56



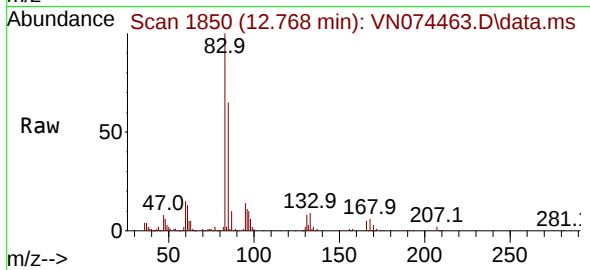
Tgt Ion: 43 Resp: 372801
Ion Ratio Lower Upper
43 100
70 38.0 39.0 58.4#
55 21.6 21.1 31.7
61 22.0 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.886 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

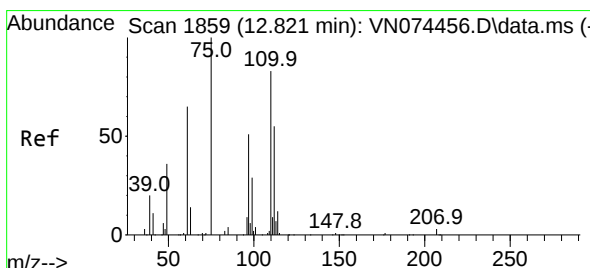
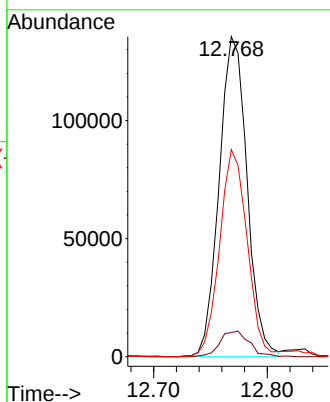
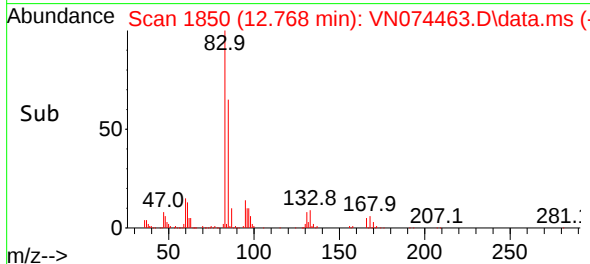
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



Tgt Ion: 83 Resp: 231362
Ion Ratio Lower Upper
83 100
131 8.4 5.3 15.9
85 64.0 32.3 96.9

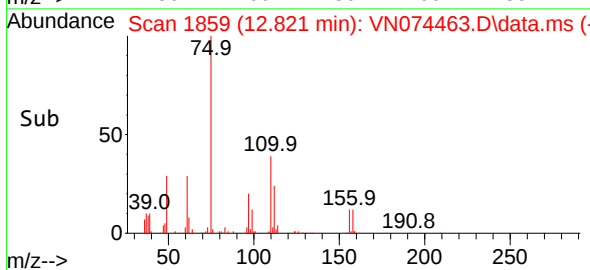
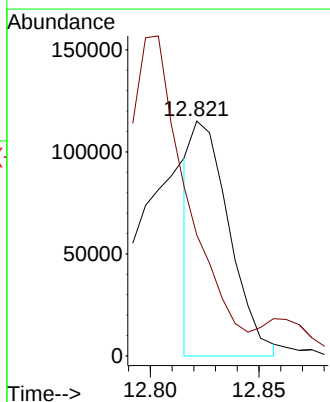
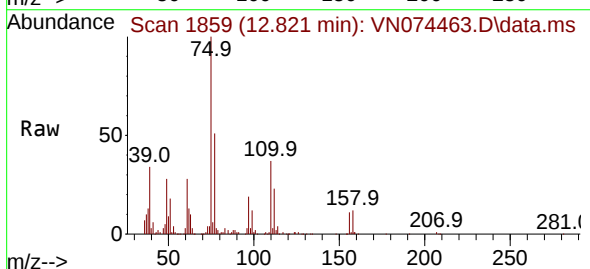
Manual Integrations
APPROVED

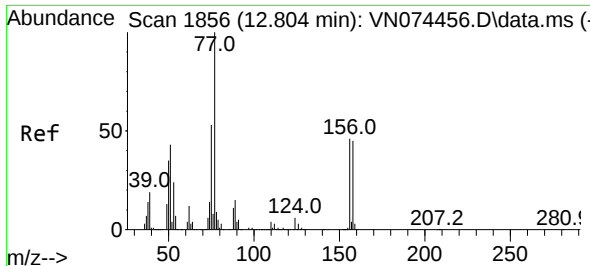
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#76
1,2,3-Trichloropropane
Concen: 16.632 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

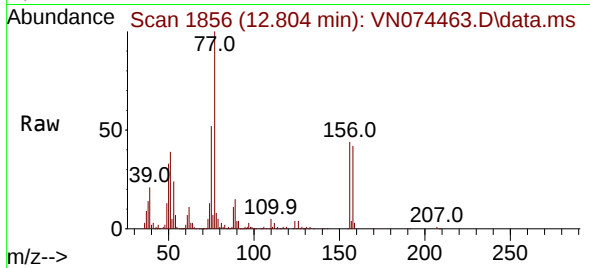
Tgt Ion: 75 Resp: 138213
Ion Ratio Lower Upper
75 100
77 229.3 98.5 295.5





#77
Bromobenzene
Concen: 20.395 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

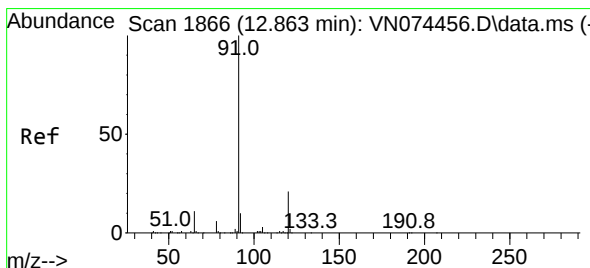
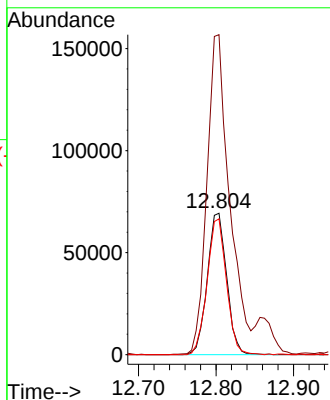
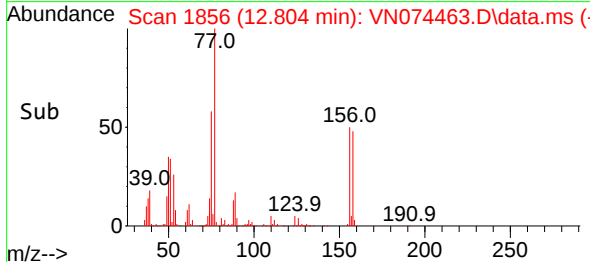
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



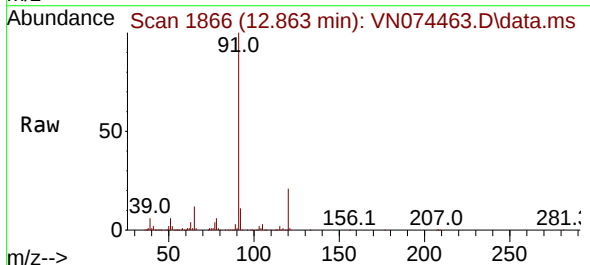
Tgt Ion: 156 Resp: 120429
Ion Ratio Lower Upper
156 100
77 263.2 100.5 301.5
158 95.7 48.9 146.6

Manual Integrations
APPROVED

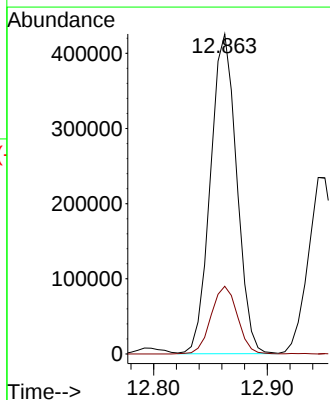
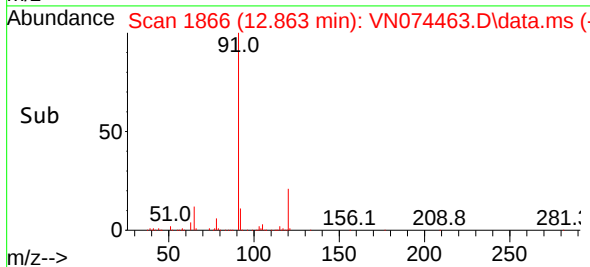
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

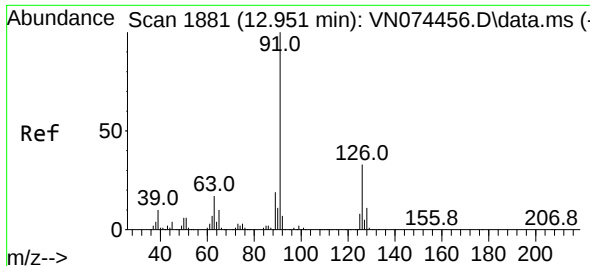


#78
n-propylbenzene
Concen: 20.794 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56



Tgt Ion: 91 Resp: 684600
Ion Ratio Lower Upper
91 100
120 21.2 11.9 35.5





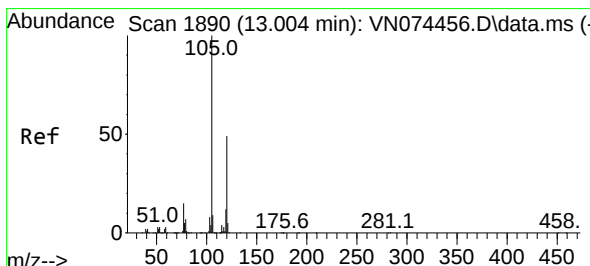
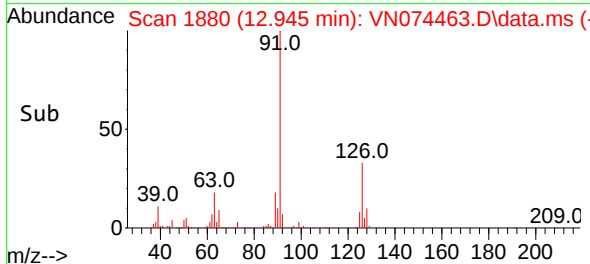
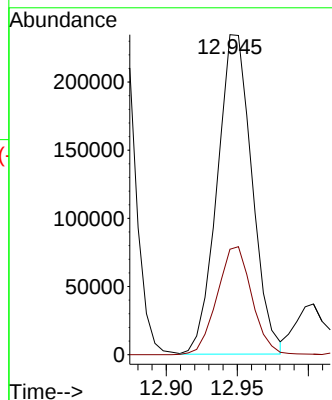
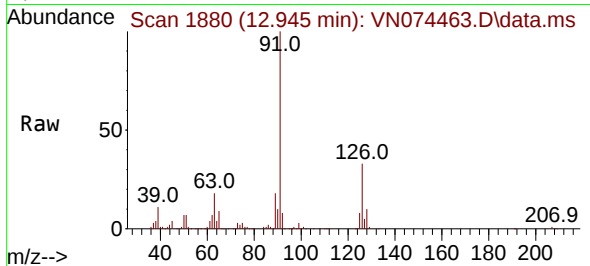
#79
2-Chlorotoluene
Concen: 20.368 ug/l
RT: 12.945 min Scan# 1881
Delta R.T. -0.006 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01

Tgt Ion: 91 Resp: 400312
Ion Ratio Lower Upper
91 100
126 33.8 17.3 51.9

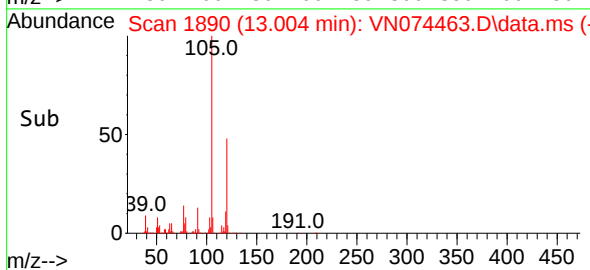
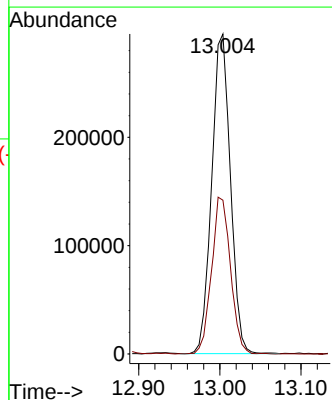
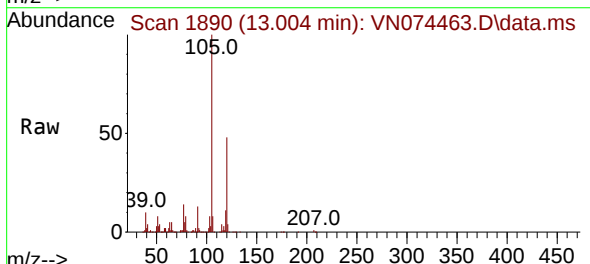
Manual Integrations
APPROVED

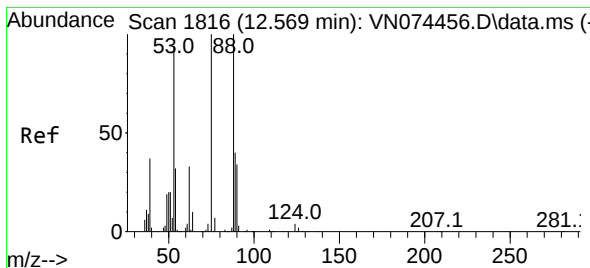
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.958 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

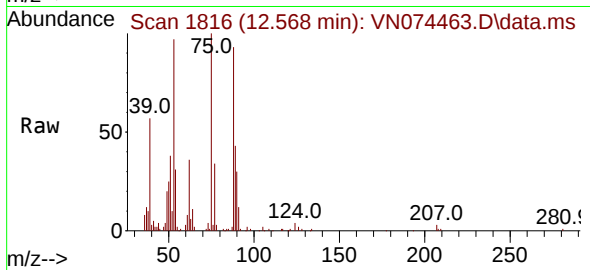
Tgt Ion:105 Resp: 472267
Ion Ratio Lower Upper
105 100
120 49.8 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 22.184 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. -0.001 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

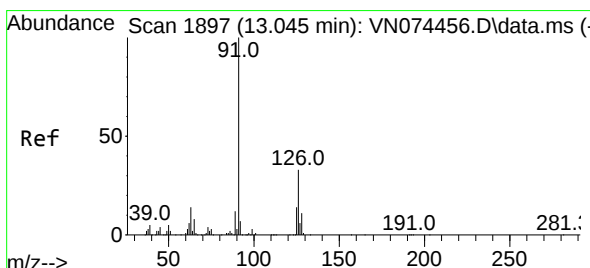
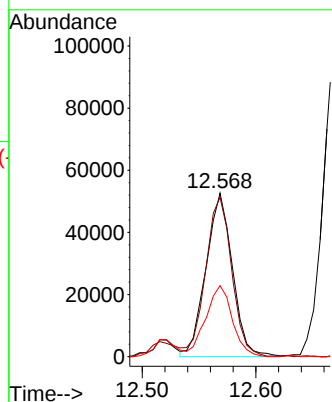
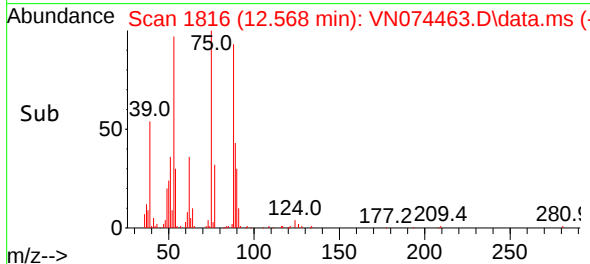
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



Tgt Ion: 75 Resp: 8541
Ion Ratio Lower Upper
75 100
53 95.9 78.0 117.0
89 43.5 37.2 55.8

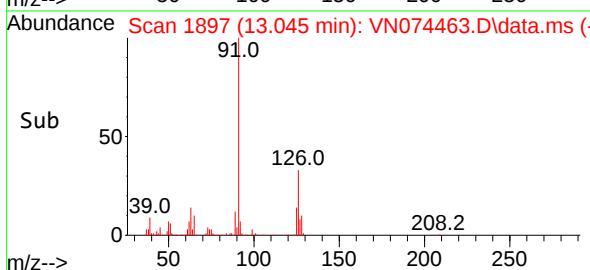
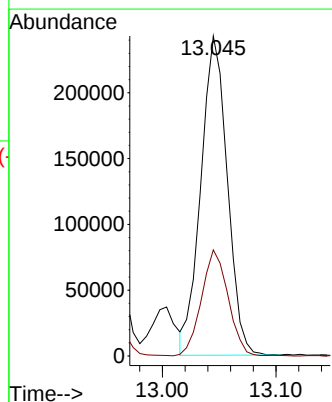
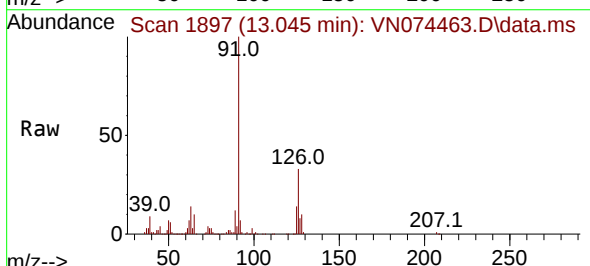
Manual Integrations
APPROVED

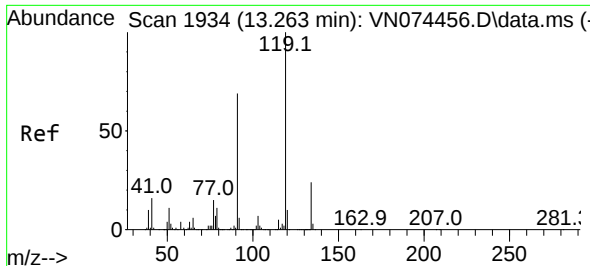
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#82
4-Chlorotoluene
Concen: 21.011 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

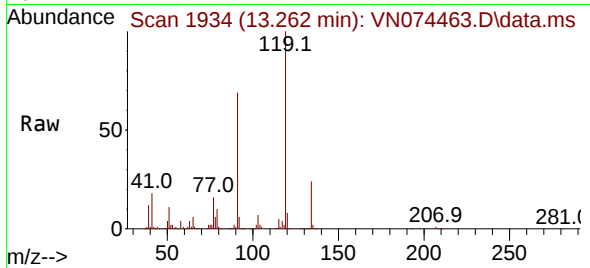
Tgt Ion: 91 Resp: 392514
Ion Ratio Lower Upper
91 100
126 33.2 17.2 51.6





#83
tert-Butylbenzene
Concen: 20.947 ug/l
RT: 13.262 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

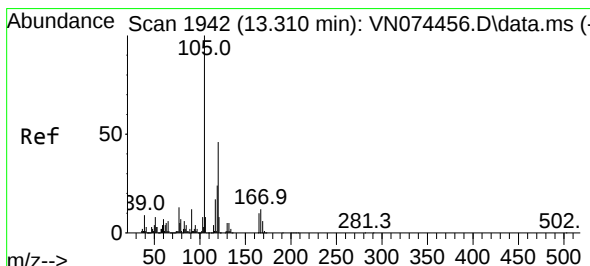
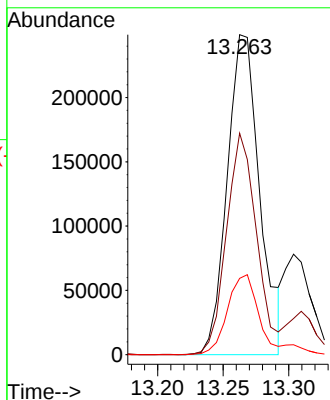
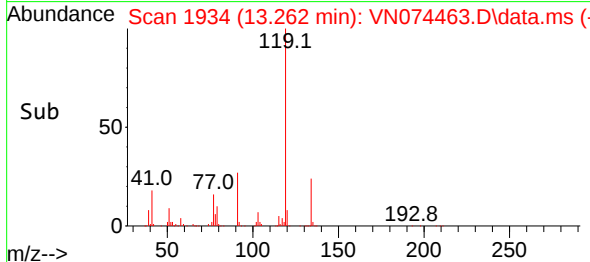
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



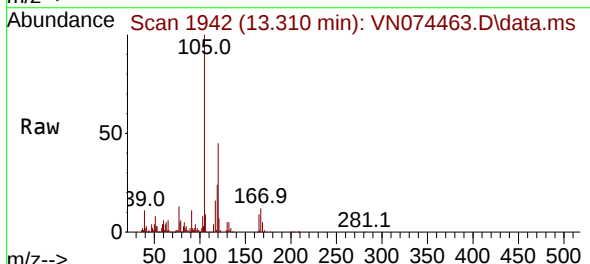
Tgt Ion:119 Resp: 429574
Ion Ratio Lower Upper
119 100
91 64.2 31.6 94.8
134 25.6 13.7 41.1

Manual Integrations
APPROVED

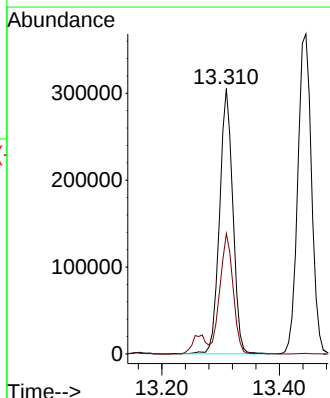
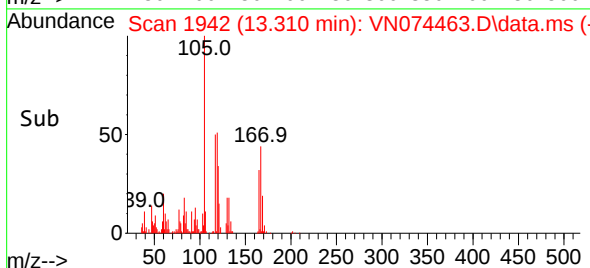
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

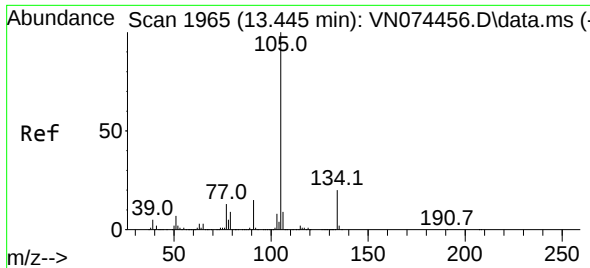


#84
1,2,4-Trimethylbenzene
Concen: 21.070 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56



Tgt Ion:105 Resp: 477814
Ion Ratio Lower Upper
105 100
120 45.3 23.3 69.8





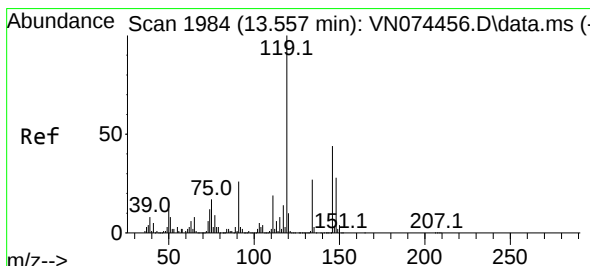
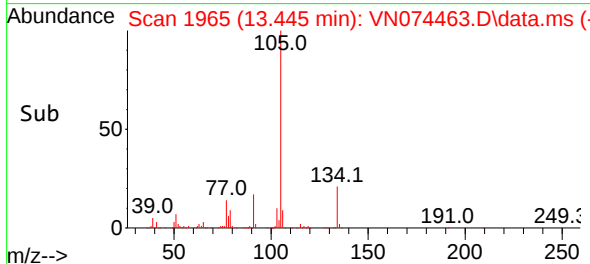
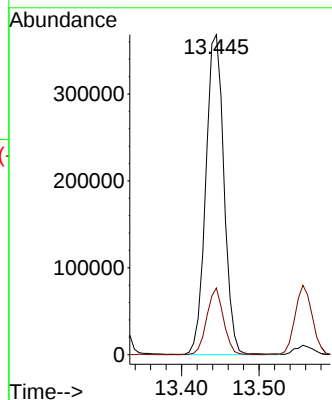
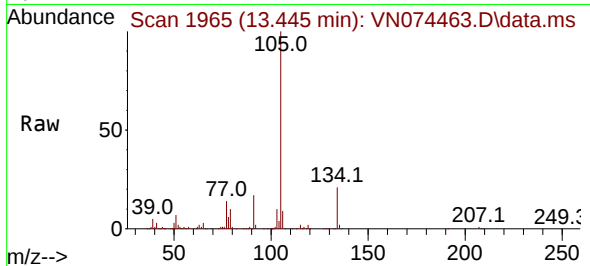
#85
 sec-Butylbenzene
 Concen: 21.226 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. -0.000 min
 Lab File: VN074463.D
 Acq: 15 Sep 2022 15:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD01

Tgt Ion:105 Resp: 59769
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.1

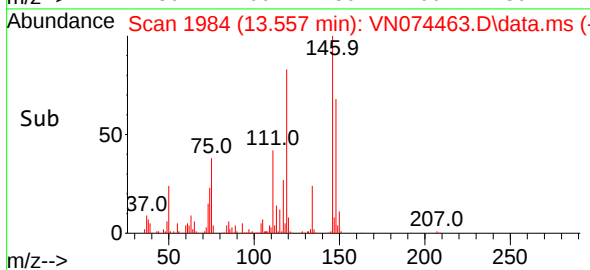
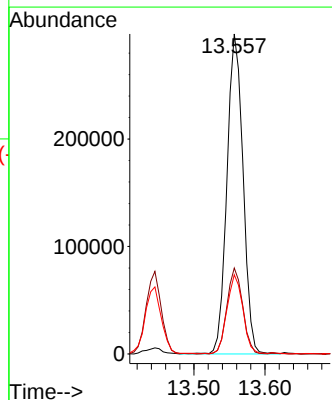
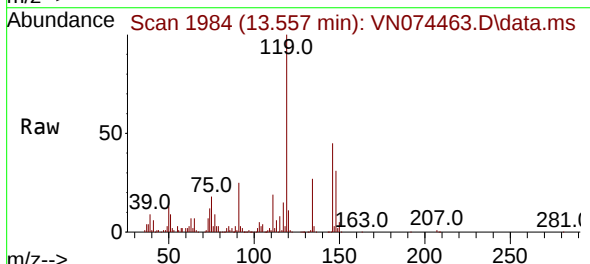
Manual Integrations
 APPROVED

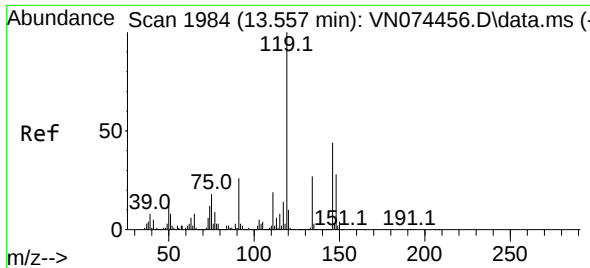
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022



#86
 p-Isopropyltoluene
 Concen: 21.342 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN074463.D
 Acq: 15 Sep 2022 15:56

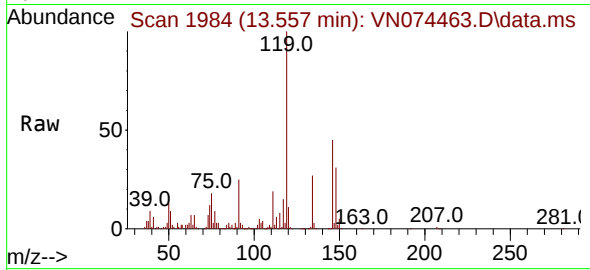
Tgt Ion:119 Resp: 468516
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 24.3 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 20.801 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

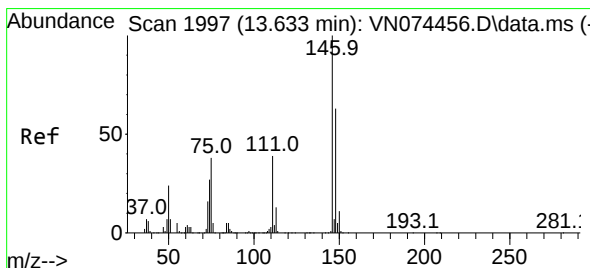
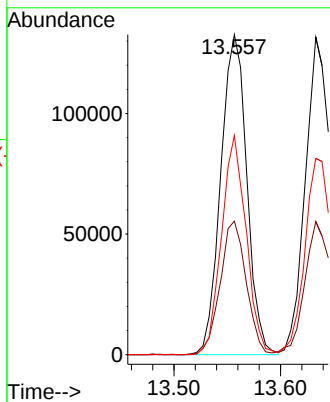
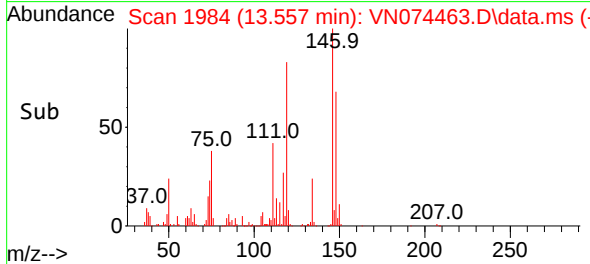
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



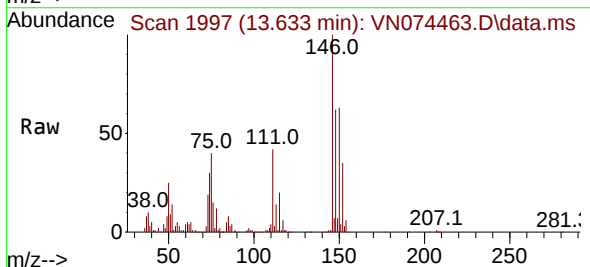
Tgt Ion:146 Resp: 225711
Ion Ratio Lower Upper
146 100
111 41.7 20.0 60.0
148 64.6 32.0 96.0

Manual Integrations
APPROVED

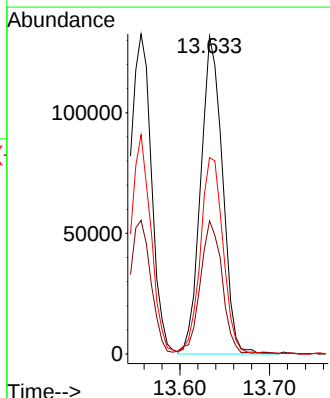
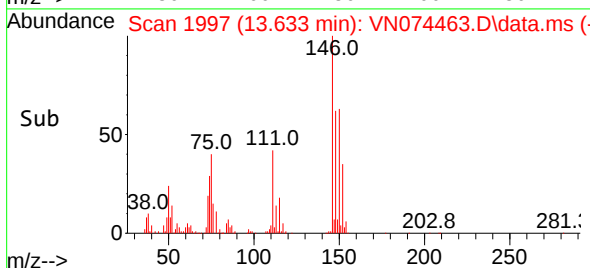
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

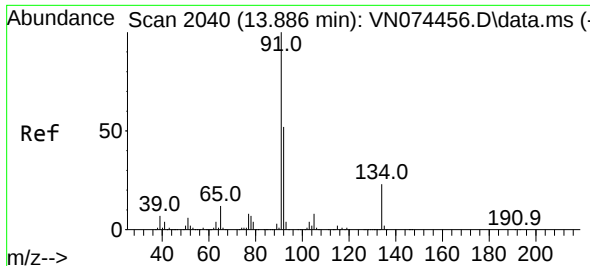


#88
1,4-Dichlorobenzene
Concen: 20.392 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56



Tgt Ion:146 Resp: 222386
Ion Ratio Lower Upper
146 100
111 41.0 19.1 57.1
148 64.6 31.4 94.3





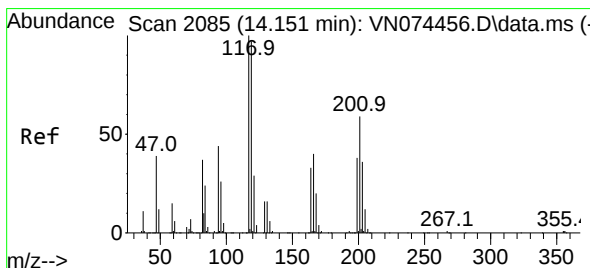
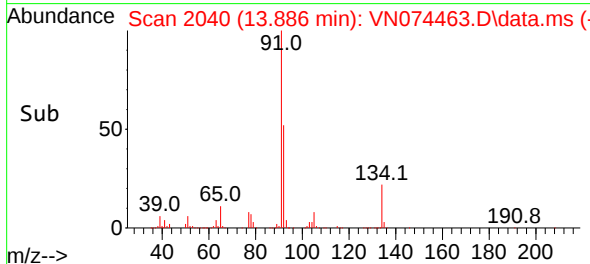
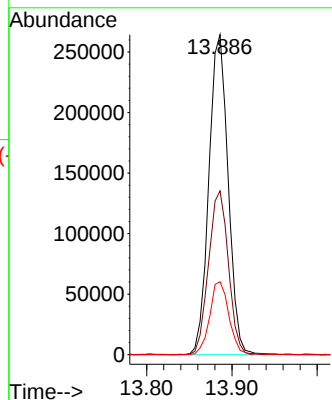
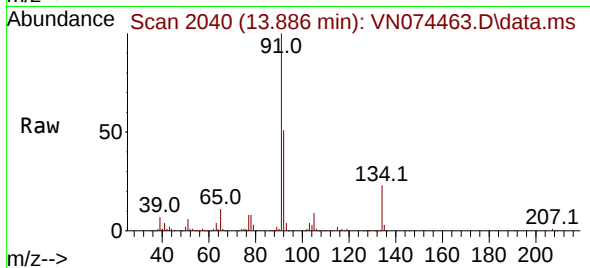
#89
n-Butylbenzene
Concen: 20.933 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01

Tgt Ion: 91 Resp: 414200
Ion Ratio Lower Upper
91 100
92 52.8 26.9 80.7
134 22.7 13.6 40.8

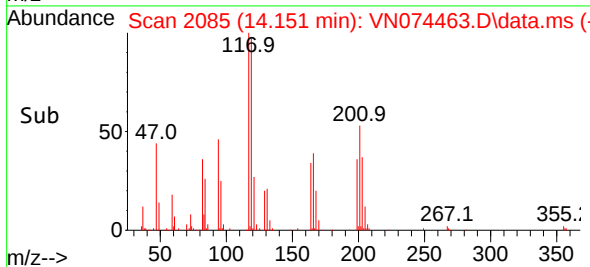
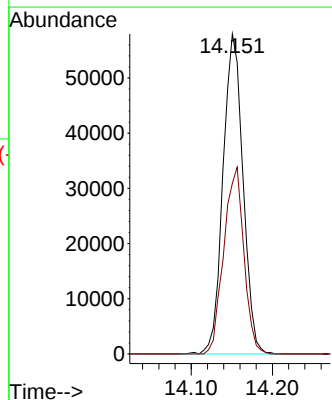
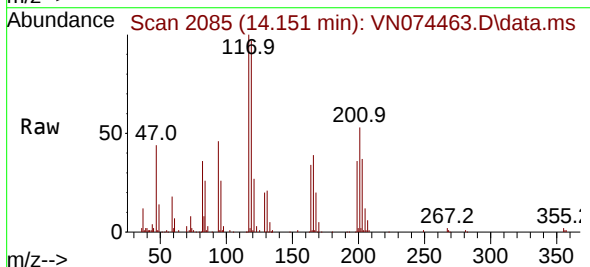
Manual Integrations
APPROVED

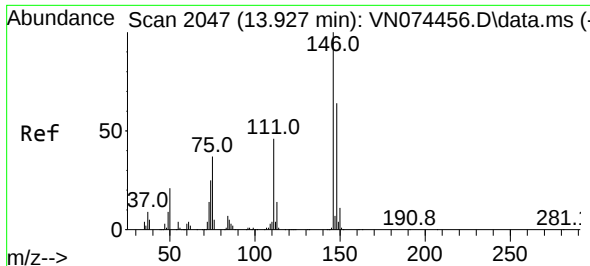
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#90
Hexachloroethane
Concen: 20.766 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

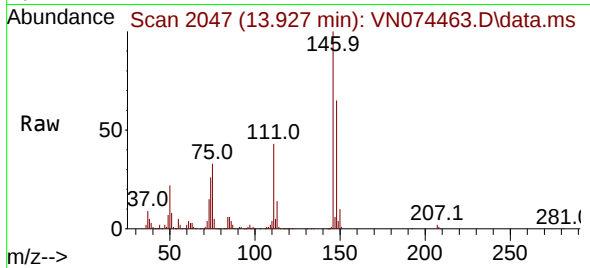
Tgt Ion:117 Resp: 99188
Ion Ratio Lower Upper
117 100
201 58.7 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 20.165 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

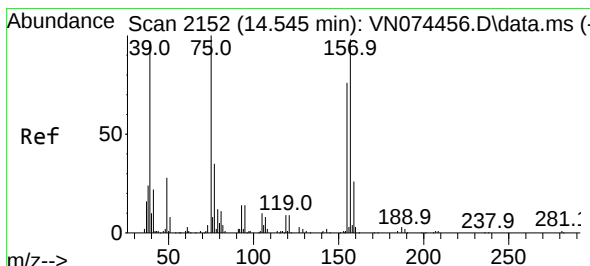
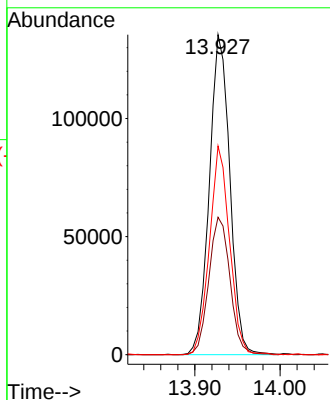
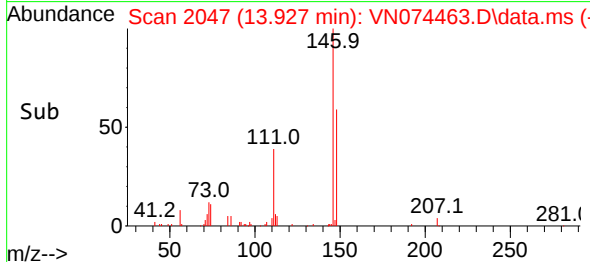
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



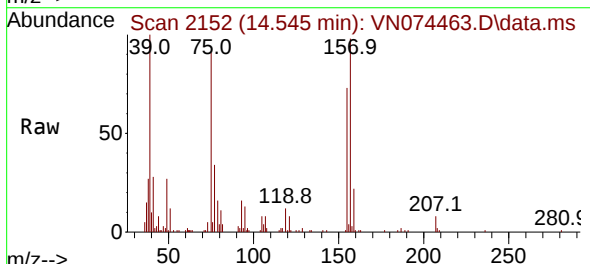
Tgt Ion:146 Resp: 227000
Ion Ratio Lower Upper
146 100
111 44.4 20.9 62.8
148 63.9 32.1 96.3

Manual Integrations
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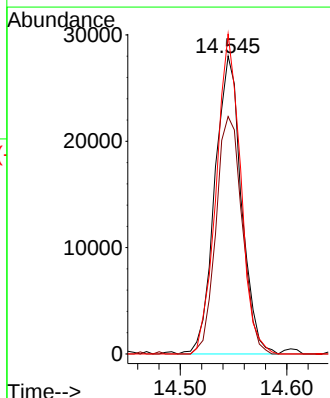
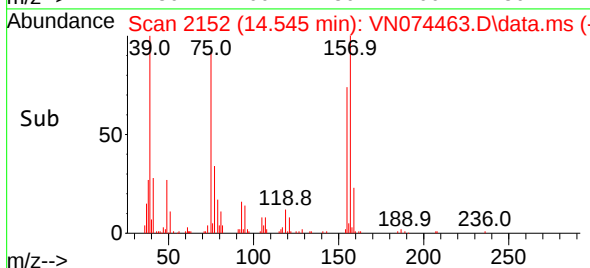
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

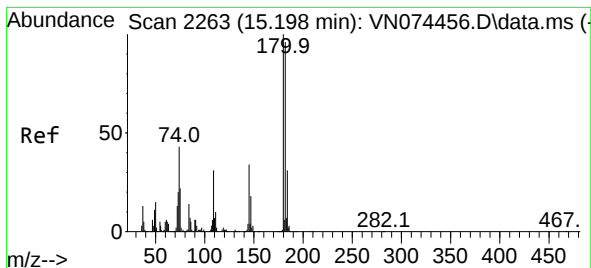


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.802 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56



Tgt Ion: 75 Resp: 48437
Ion Ratio Lower Upper
75 100
155 78.7 44.9 134.5
157 98.4 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 20.995 ug/l

RT: 15.198 min Scan# 2263

Delta R.T. -0.000 min

Lab File: VN074463.D

Acq: 15 Sep 2022 15:56

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBSD01

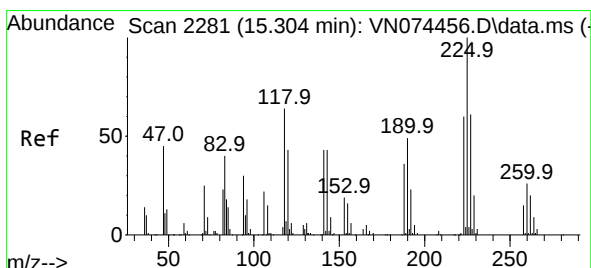
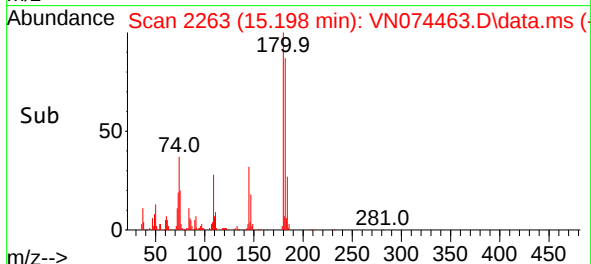
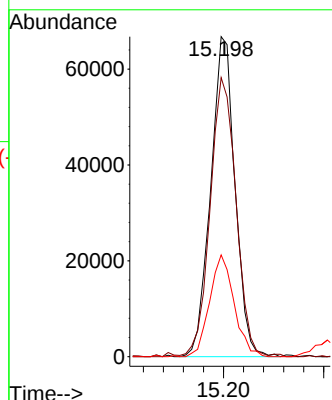
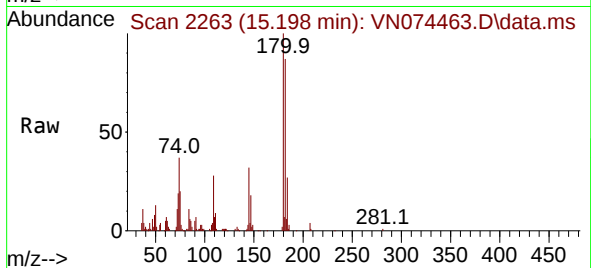
Tgt Ion:	180	Resp:	112590
Ion Ratio	Lower	Upper	
180	100		
182	92.5	47.5	142.5
145	32.0	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#94

Hexachlorobutadiene

Concen: 20.049 ug/l

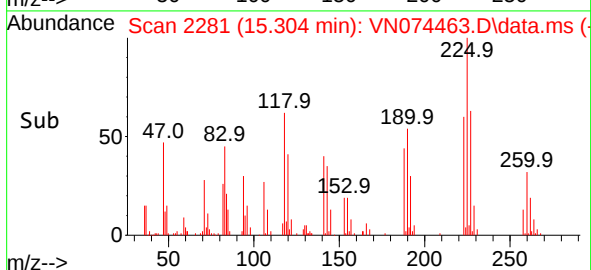
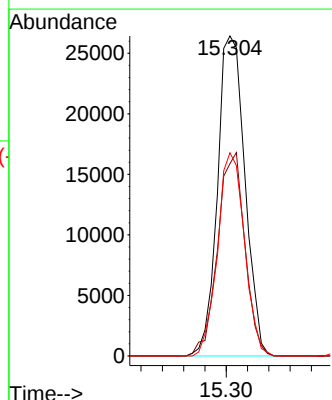
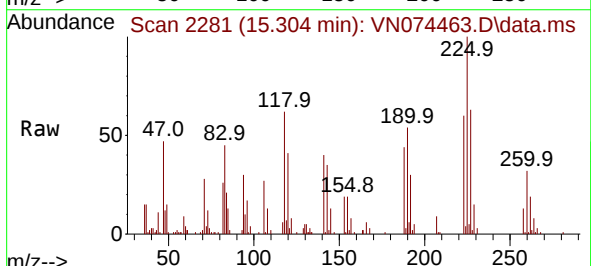
RT: 15.304 min Scan# 2281

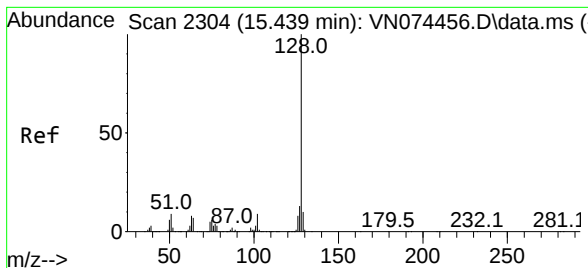
Delta R.T. -0.000 min

Lab File: VN074463.D

Acq: 15 Sep 2022 15:56

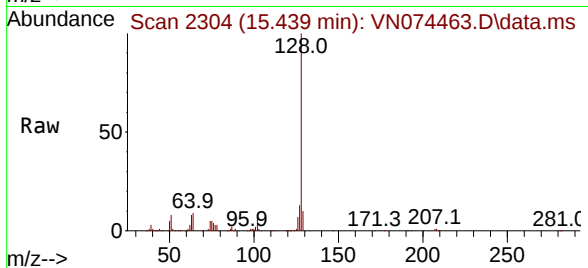
Tgt Ion:	225	Resp:	47257
Ion Ratio	Lower	Upper	
225	100		
223	62.8	32.4	97.2
227	62.2	31.8	95.4





#95
Naphthalene
Concen: 21.562 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56

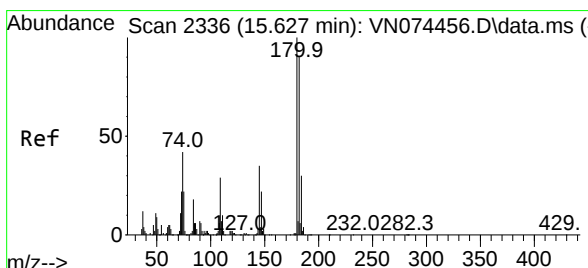
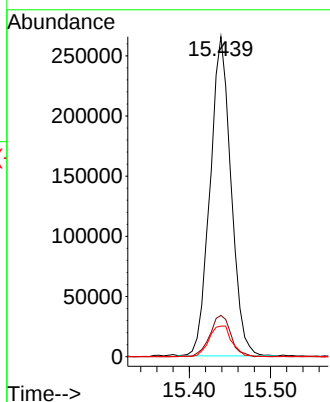
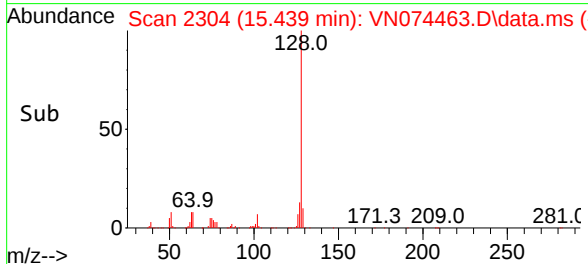
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



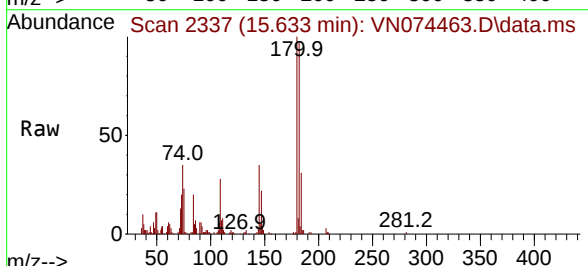
Tgt Ion:128 Resp: 476690
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.5 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 21.019 ug/l
RT: 15.633 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VN074463.D
Acq: 15 Sep 2022 15:56



Tgt Ion:180 Resp: 112393
Ion Ratio Lower Upper
180 100
182 97.2 47.8 143.3
145 33.7 15.5 46.5

