

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071023\
 Data File : VN078456.D
 Acq On : 10 Jul 2023 16:03
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN071023

Quant Time: Jul 11 01:31:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/11/2023
 Supervised By : Mahesh Dadoda 07/11/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	528809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	894994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	798638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	333955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	345961	48.801	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.600%		
35) Dibromofluoromethane	8.177	113	307254	50.573	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.140%		
50) Toluene-d8	10.571	98	1169443	50.953	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.900%		
62) 4-Bromofluorobenzene	12.853	95	368551	52.132	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	279928	43.175	ug/l	96
3) Chloromethane	2.371	50	321424	45.612	ug/l	99
4) Vinyl Chloride	2.518	62	425744	46.703	ug/l	97
5) Bromomethane	2.942	94	269307	46.343	ug/l	96
6) Chloroethane	3.118	64	259254	46.895	ug/l	100
7) Trichlorofluoromethane	3.495	101	498754	45.769	ug/l	98
8) Diethyl Ether	3.971	74	168828	46.501	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	266861	46.262	ug/l	97
10) Methyl Iodide	4.595	142	373684	47.142	ug/l	96
11) Tert butyl alcohol	5.536	59	247395	226.307	ug/l	99
12) 1,1-Dichloroethene	4.342	96	256230	45.920	ug/l	93
13) Acrolein	4.189	56	235428	218.892	ug/l	95
14) Allyl chloride	5.036	41	372034	48.794	ug/l	96
15) Acrylonitrile	5.730	53	644377	233.296	ug/l	99
16) Acetone	4.436	43	608092	275.366	ug/l	98
17) Carbon Disulfide	4.712	76	720224	44.637	ug/l	96
18) Methyl Acetate	5.036	43	414097	44.297	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	871414	47.399	ug/l	97
20) Methylene Chloride	5.283	84	306926	48.416	ug/l	91
21) trans-1,2-Dichloroethene	5.800	96	289530	46.046	ug/l	87
22) Diisopropyl ether	6.683	45	834818	48.898	ug/l	95
23) Vinyl Acetate	6.612	43	2687024	247.568	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	527638	45.865	ug/l	98
25) 2-Butanone	7.488	43	868947	249.973	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	477212	50.718	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	345014	47.431	ug/l	93
28) Bromochloromethane	7.818	49	232983	42.998	ug/l	92
29) Tetrahydrofuran	7.847	42	530795	232.708	ug/l	86
30) Chloroform	7.971	83	575675	48.065	ug/l	97
31) Cyclohexane	8.265	56	430606	44.945	ug/l	90
32) 1,1,1-Trichloroethane	8.177	97	508638	47.368	ug/l	95
36) 1,1-Dichloropropene	8.377	75	431213	49.155	ug/l	97
37) Ethyl Acetate	7.571	43	354553	48.483	ug/l #	95
38) Carbon Tetrachloride	8.371	117	459176	48.160	ug/l	100
39) Methylcyclohexane	9.606	83	406419	50.755	ug/l	92
40) Benzene	8.612	78	1262934	48.595	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	175098	46.968	ug/l	93
42) 1,2-Dichloroethane	8.677	62	419227	47.424	ug/l	99
43) Isopropyl Acetate	8.694	43	595909	49.495	ug/l	94
44) Trichloroethene	9.359	130	331665	47.350	ug/l	93
45) 1,2-Dichloropropane	9.630	63	320943	48.758	ug/l	97
46) Dibromomethane	9.718	93	225919	48.764	ug/l	93
47) Bromodichloromethane	9.894	83	455420	49.039	ug/l	100
48) Methyl methacrylate	9.688	41	276133	49.505	ug/l	88
49) 1,4-Dioxane	9.700	88	121014	994.827	ug/l	94
51) 4-Methyl-2-Pentanone	10.453	43	1765834	246.578	ug/l	94
52) Toluene	10.635	92	803101	49.859	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	482793	50.745	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	523230	51.593	ug/l	98
55) 1,1,2-Trichloroethane	11.024	97	312419	49.229	ug/l	96
56) Ethyl methacrylate	10.882	69	458888	51.727	ug/l	93
57) 1,3-Dichloropropane	11.171	76	522939	48.463	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	819605	259.244	ug/l	93
59) 2-Hexanone	11.200	43	1317798	258.916	ug/l	93
60) Dibromochloromethane	11.365	129	346514	49.458	ug/l	98
61) 1,2-Dibromoethane	11.476	107	321543	49.185	ug/l	98
64) Tetrachloroethene	11.112	164	291480	48.545	ug/l	99
65) Chlorobenzene	11.894	112	860680	48.214	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	327131	47.635	ug/l	98
67) Ethyl Benzene	11.971	91	1520856	50.401	ug/l	100
68) m/p-Xylenes	12.076	106	1158045	103.800	ug/l	98
69) o-Xylene	12.406	106	564591	50.103	ug/l	98
70) Styrene	12.418	104	929871	52.745	ug/l	99
71) Bromoform	12.582	173	233386	50.180	ug/l #	98
73) Isopropylbenzene	12.700	105	1398310	44.561	ug/l	99
74) N-amyl acetate	12.500	43	468909	43.361	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	431310	49.159	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	348837m	43.215	ug/l	
77) Bromobenzene	12.988	156	335515	49.140	ug/l	95
78) n-propylbenzene	13.041	91	1609138	47.950	ug/l	99
79) 2-Chlorotoluene	13.129	91	979494	44.560	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	1137852	45.892	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	156117	50.823	ug/l	93
82) 4-Chlorotoluene	13.229	91	958209	46.728	ug/l	98
83) tert-Butylbenzene	13.441	119	945504	44.916	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	1119919	46.502	ug/l	98
85) sec-Butylbenzene	13.623	105	1238077	46.531	ug/l	100
86) p-Isopropyltoluene	13.735	119	1027718	48.103	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	562840	46.722	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	562080	46.323	ug/l	99
89) n-Butylbenzene	14.065	91	768508	50.273	ug/l	98
90) Hexachloroethane	14.341	117	189853	48.320	ug/l	85
91) 1,2-Dichlorobenzene	14.112	146	549428	45.830	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	69349	46.010	ug/l	91
93) 1,2,4-Trichlorobenzene	15.400	180	185986	48.609	ug/l	98
94) Hexachlorobutadiene	15.506	225	100103	50.626	ug/l	98
95) Naphthalene	15.647	128	552670	42.252	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	196132	44.581	ug/l	98

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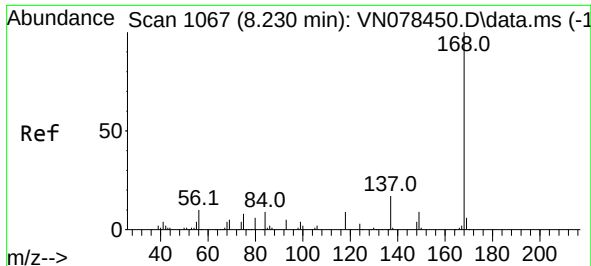
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/11/2023

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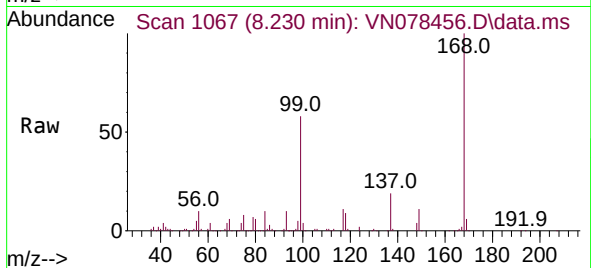
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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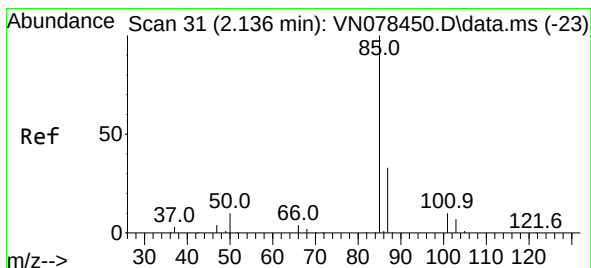
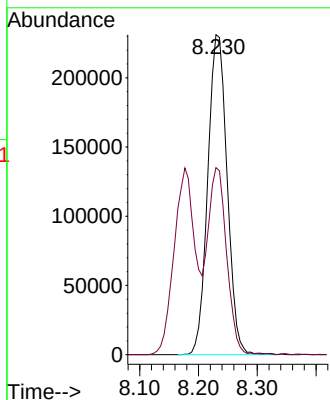
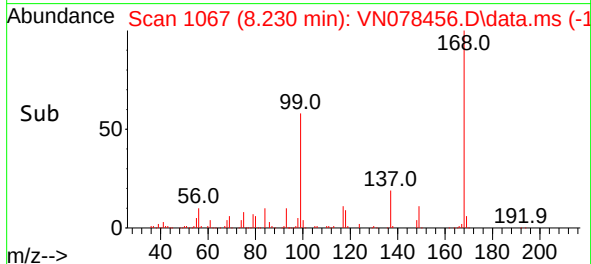
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023



Tgt Ion:168 Resp: 528809
Ion Ratio Lower Upper
168 100
99 58.3 53.0 79.6

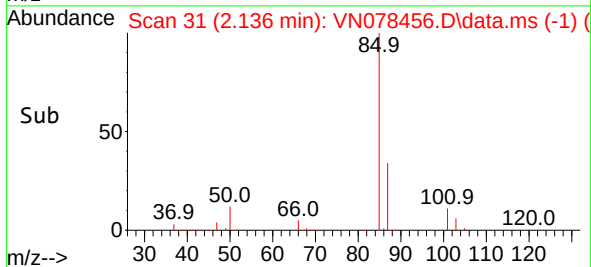
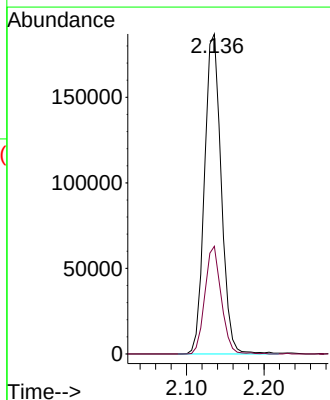
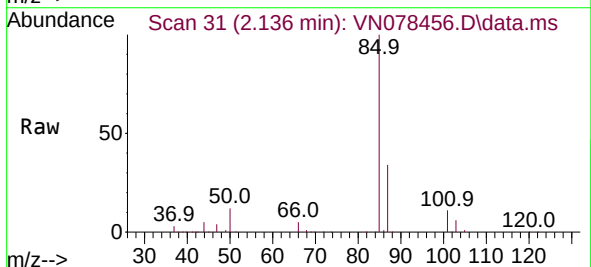
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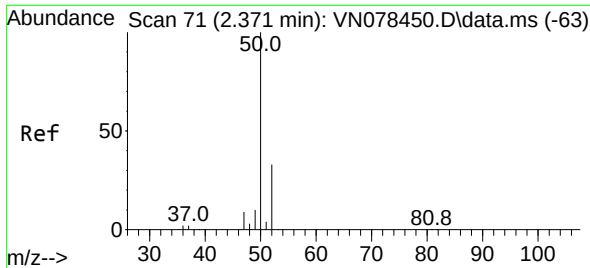
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#2
Dichlorodifluoromethane
Concen: 43.175 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

Tgt Ion: 85 Resp: 279928
Ion Ratio Lower Upper
85 100
87 33.7 15.8 47.4





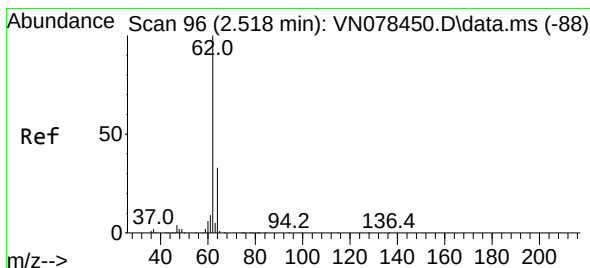
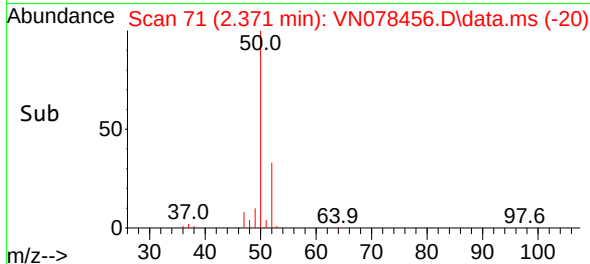
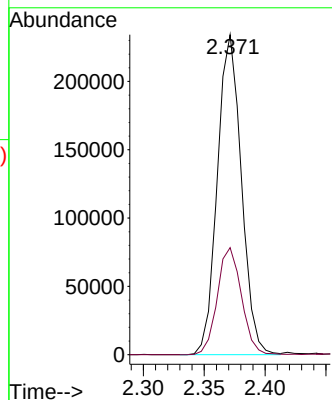
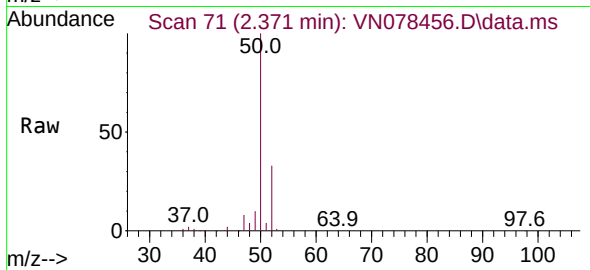
#3
Chloromethane
Concen: 45.612 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078456.D
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Tgt Ion: 50 Resp: 321424
Ion Ratio Lower Upper
50 100
52 33.5 26.5 39.7

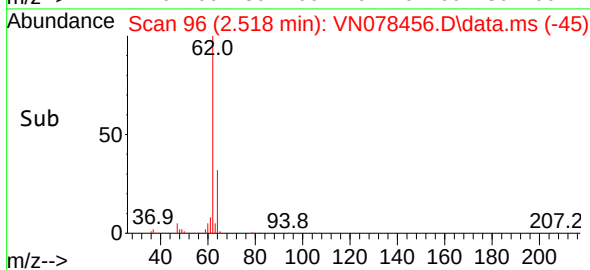
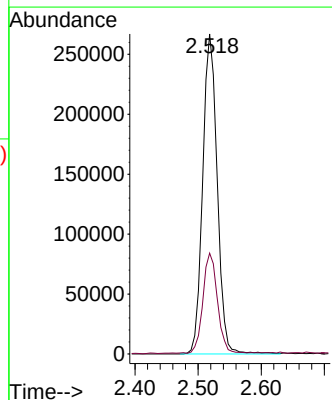
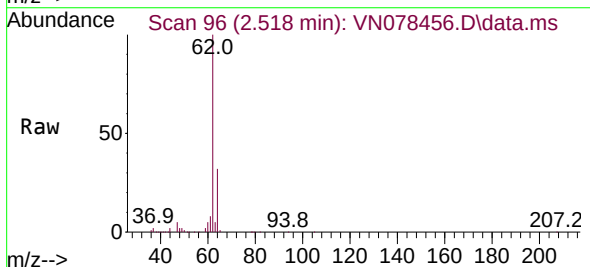
Manual Integrations
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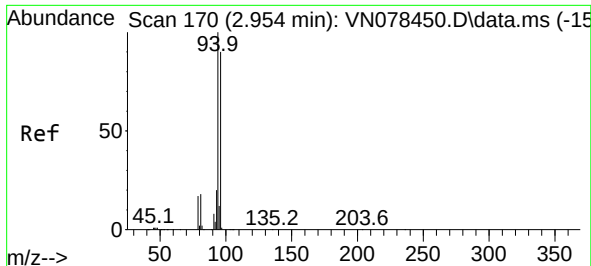
Reviewed By :John Carlone 07/11/2023
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#4
Vinyl Chloride
Concen: 46.703 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

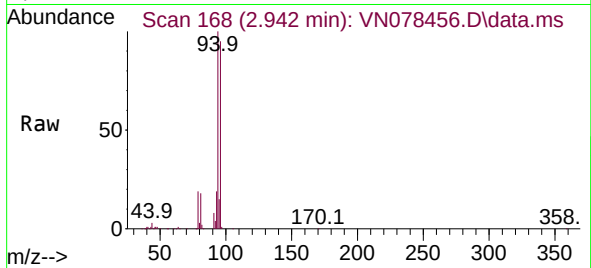
Tgt Ion: 62 Resp: 425744
Ion Ratio Lower Upper
62 100
64 31.2 26.2 39.2





#5
Bromomethane
Concen: 46.343 ug/l
RT: 2.942 min Scan# 170
Delta R.T. -0.012 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

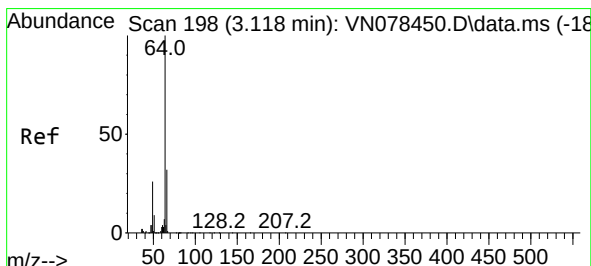
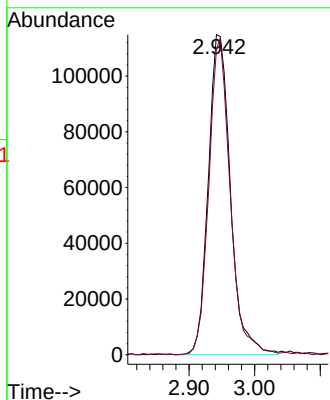
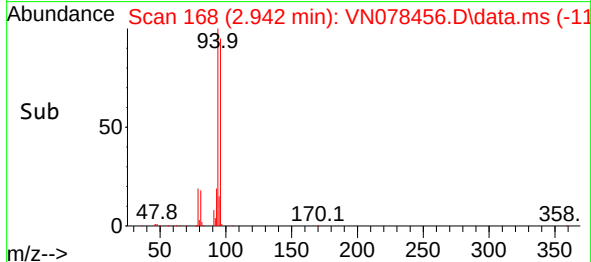
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Tgt Ion: 94 Resp: 269307
Ion Ratio Lower Upper
94 100
96 95.4 73.1 109.7

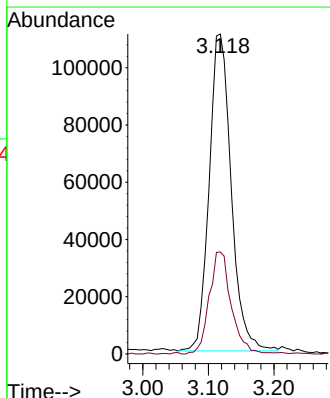
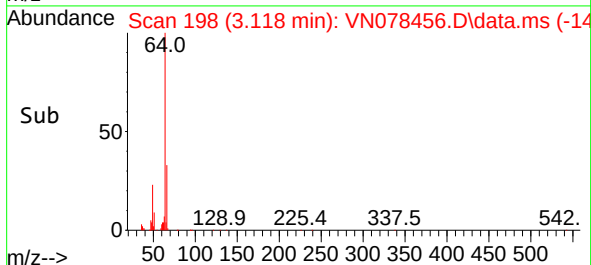
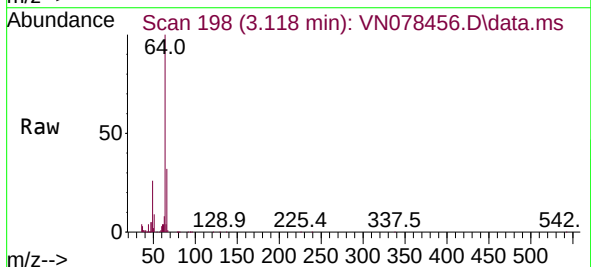
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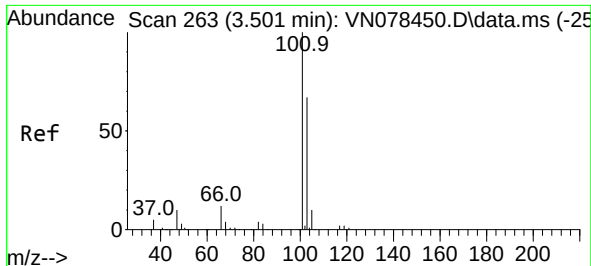
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#6
Chloroethane
Concen: 46.895 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

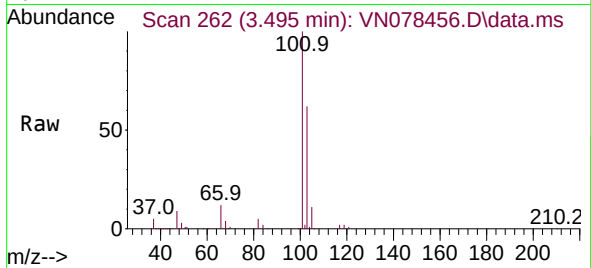
Tgt Ion: 64 Resp: 259254
Ion Ratio Lower Upper
64 100
66 31.7 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 45.769 ug/l
 RT: 3.495 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VN078456.D
 Acq: 10 Jul 2023 16:03

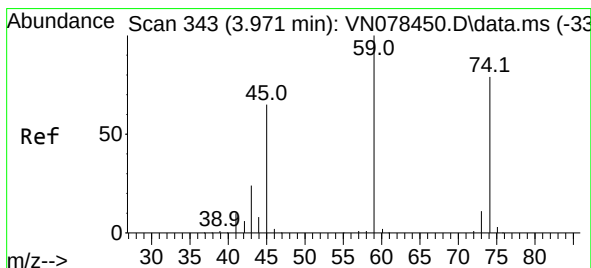
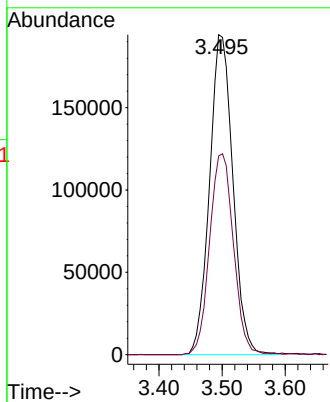
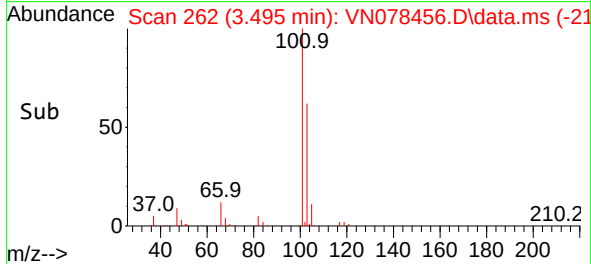
Instrument :
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 ClientSampleId :
 ICVVN071023



Tgt Ion:101 Resp: 498754
 Ion Ratio Lower Upper
 101 100
 103 62.1 50.7 76.1

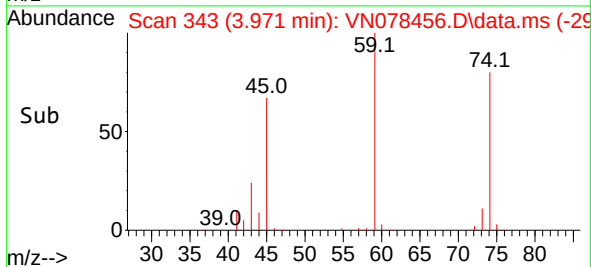
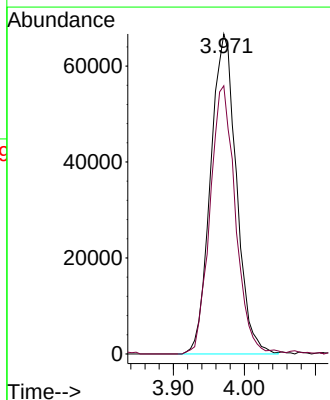
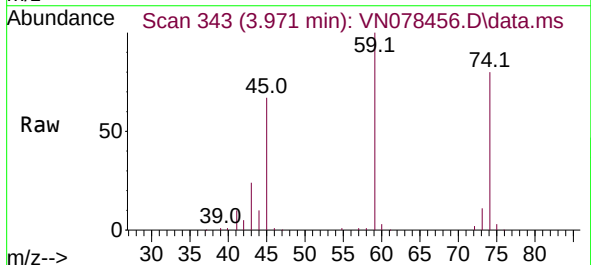
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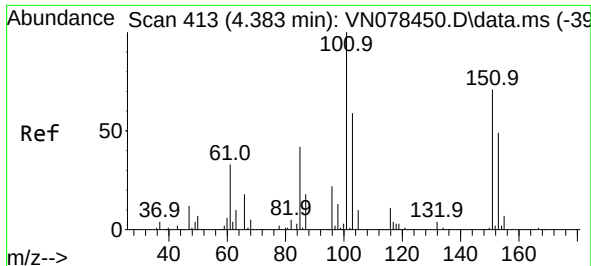
Reviewed By :John Carlone 07/11/2023
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#8
 Diethyl Ether
 Concen: 46.501 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VN078456.D
 Acq: 10 Jul 2023 16:03

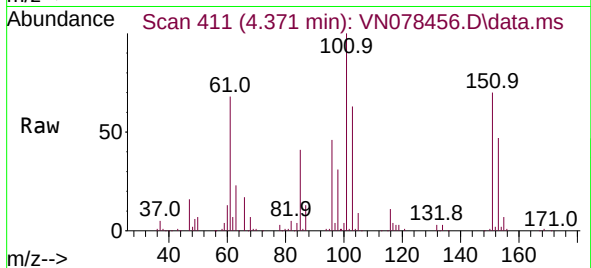
Tgt Ion: 74 Resp: 168828
 Ion Ratio Lower Upper
 74 100
 45 82.1 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.262 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN078456.D
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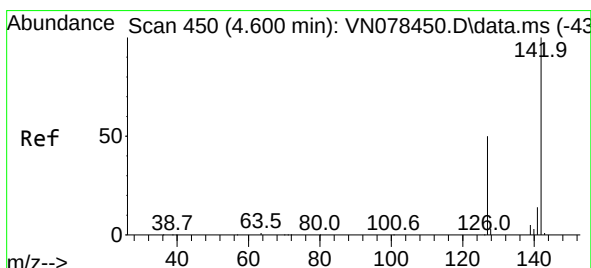
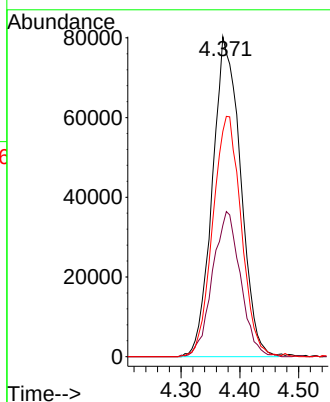
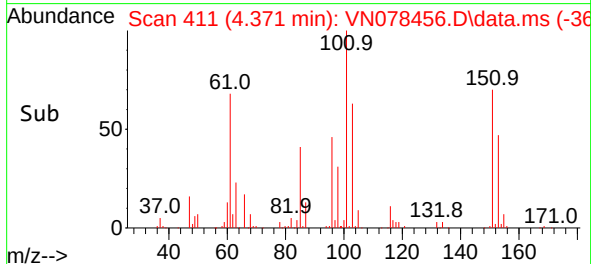
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023



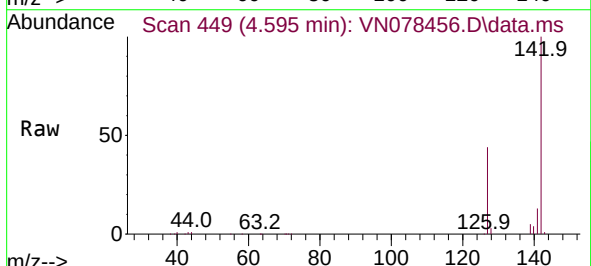
Tgt Ion:101 Resp: 26686
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 76.1 57.6 86.4

Manual Integrations
APPROVED

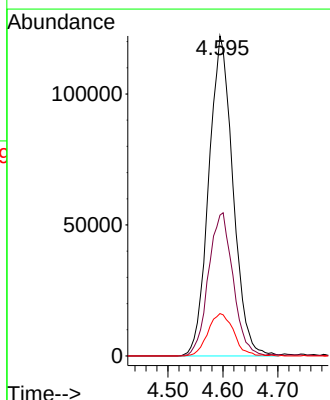
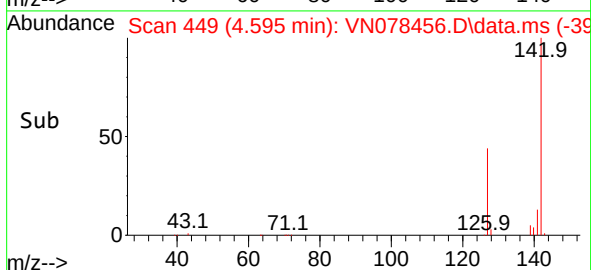
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

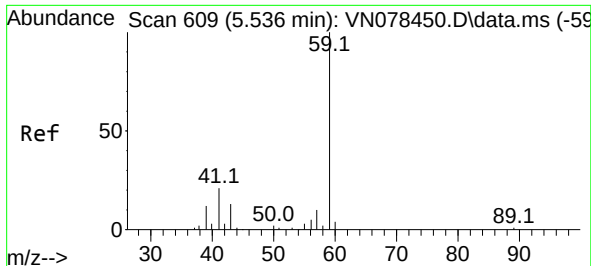


#10
Methyl Iodide
Concen: 47.142 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03



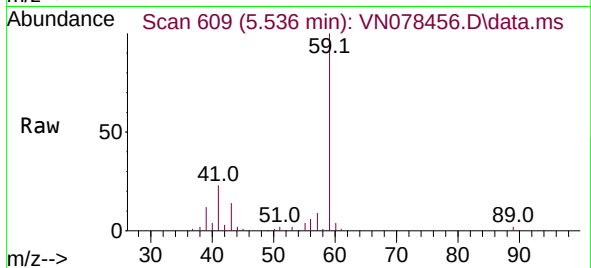
Tgt Ion:142 Resp: 373684
Ion Ratio Lower Upper
142 100
127 44.0 37.6 56.4
141 13.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 226.307 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

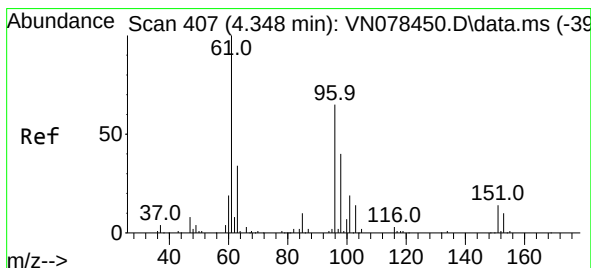
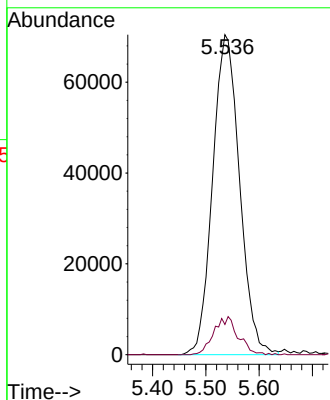
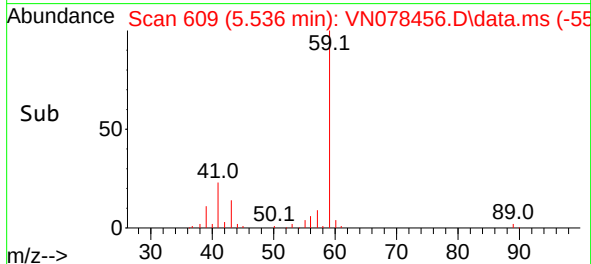
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023



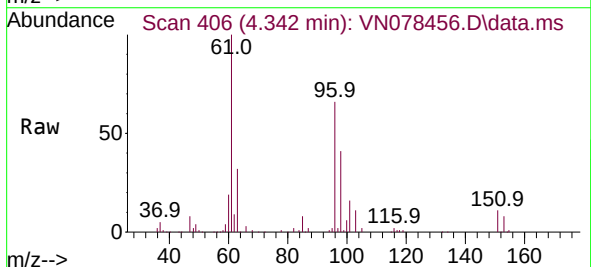
Tgt Ion: 59 Resp: 24739
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4

Manual Integrations
APPROVED

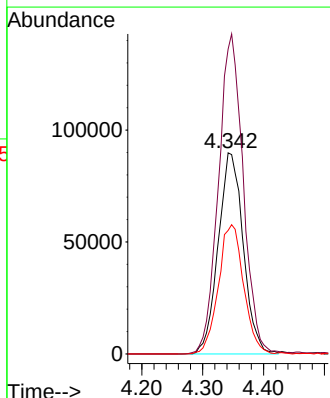
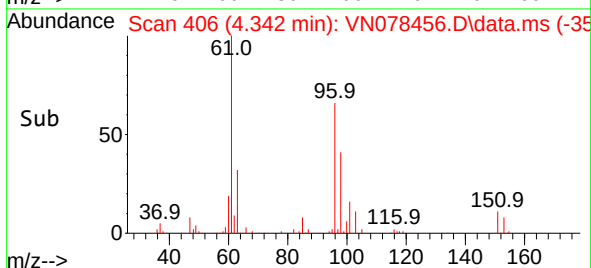
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

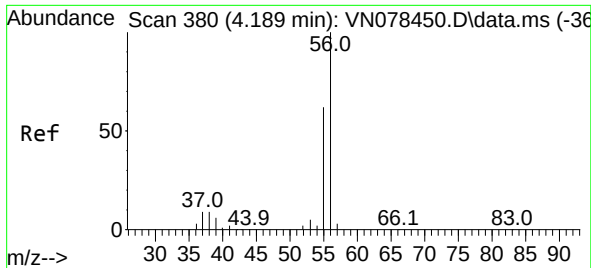


#12
1,1-Dichloroethene
Concen: 45.920 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03



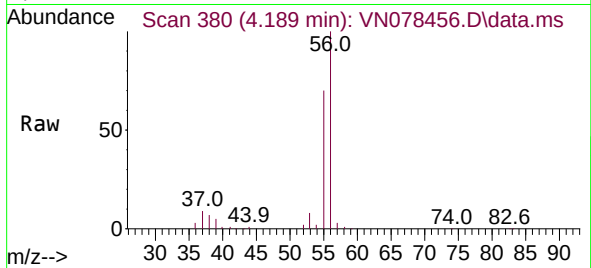
Tgt Ion: 96 Resp: 256230
Ion Ratio Lower Upper
96 100
61 151.6 112.7 169.1
98 61.4 51.2 76.8





#13
Acrolein
Concen: 218.892 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

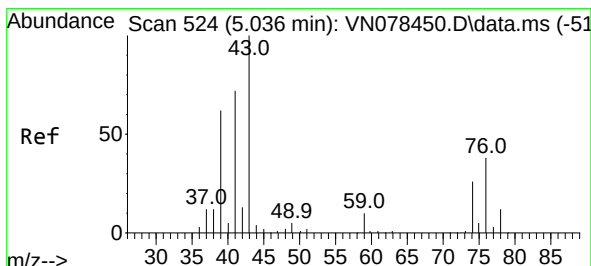
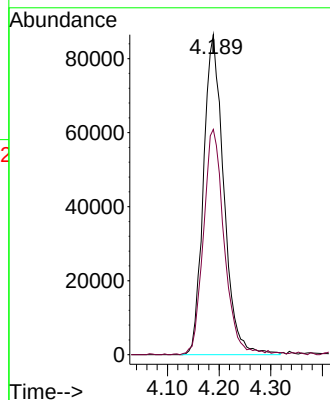
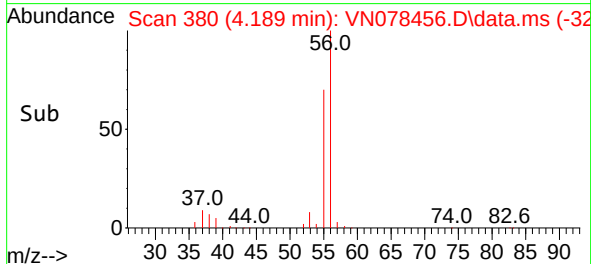
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023



Tgt Ion: 56 Resp: 235428
Ion Ratio Lower Upper
56 100
55 72.1 54.5 81.7

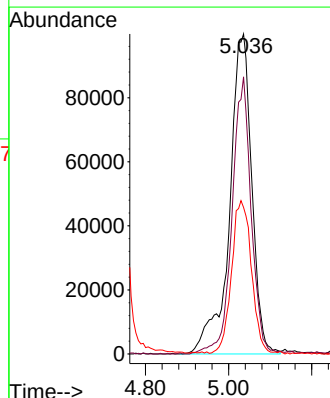
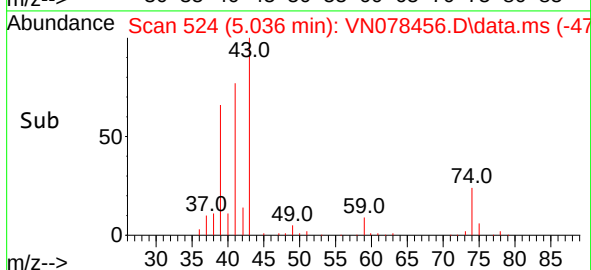
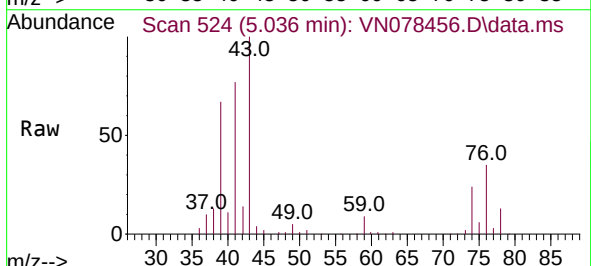
Manual Integrations
APPROVED

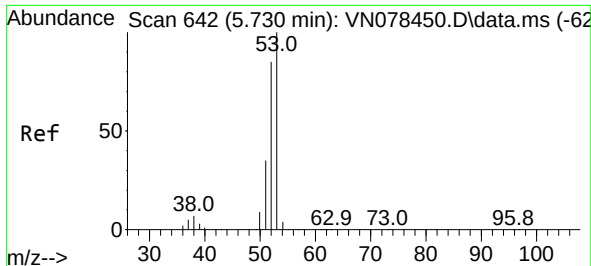
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#14
Allyl chloride
Concen: 48.794 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

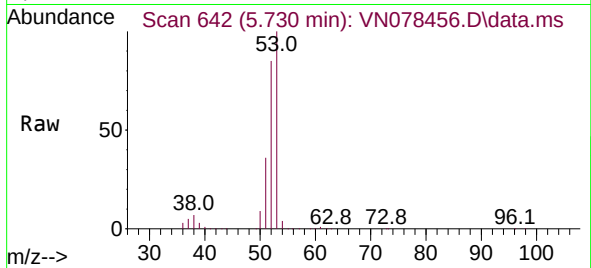
Tgt Ion: 41 Resp: 372034
Ion Ratio Lower Upper
41 100
39 73.9 58.8 88.2
76 43.0 39.1 58.7





#15
Acrylonitrile
Concen: 233.296 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

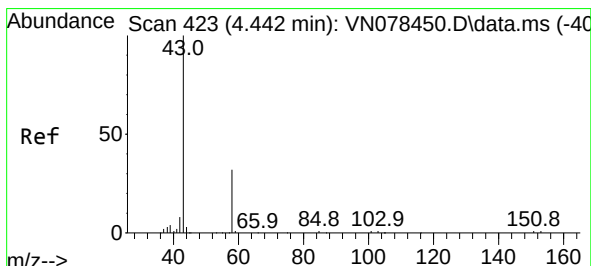
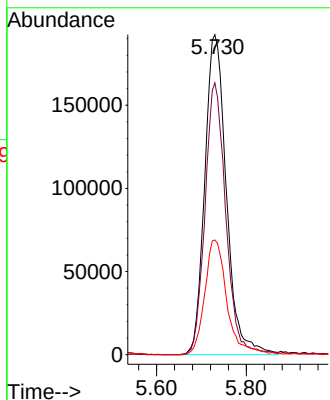
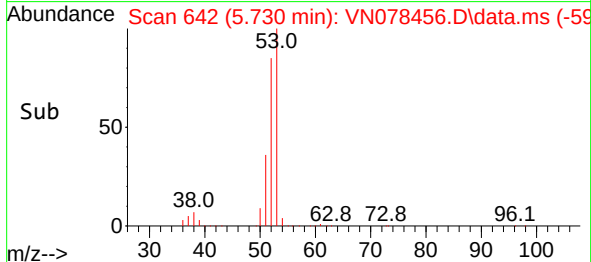
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023



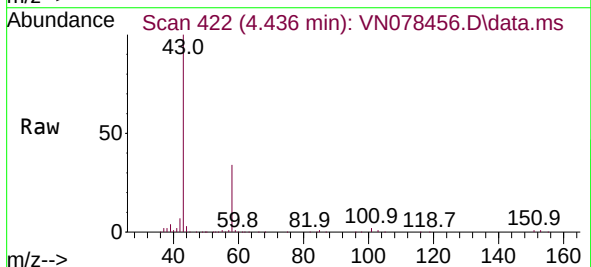
Tgt Ion: 53 Resp: 64437
Ion Ratio Lower Upper
53 100
52 81.7 65.3 97.9
51 36.9 28.9 43.3

Manual Integrations
APPROVED

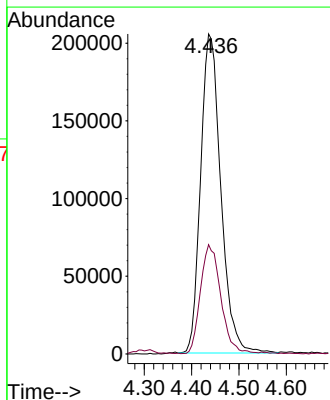
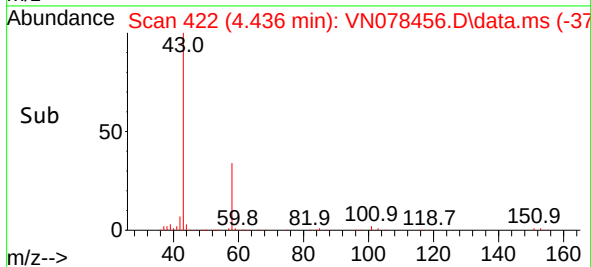
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

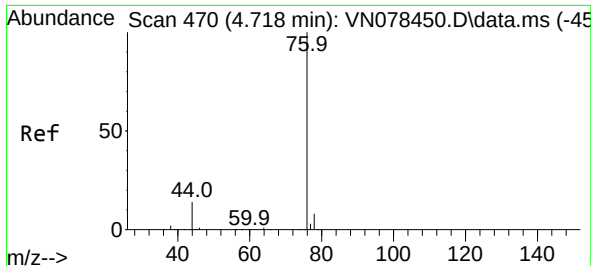


#16
Acetone
Concen: 275.366 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03



Tgt Ion: 43 Resp: 608092
Ion Ratio Lower Upper
43 100
58 34.1 28.0 42.0





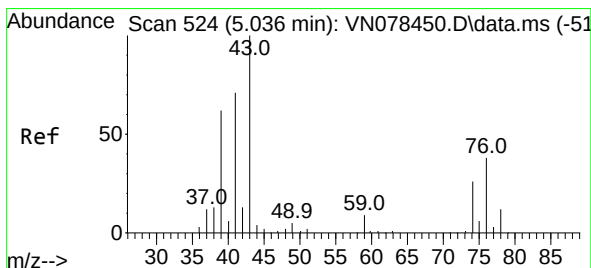
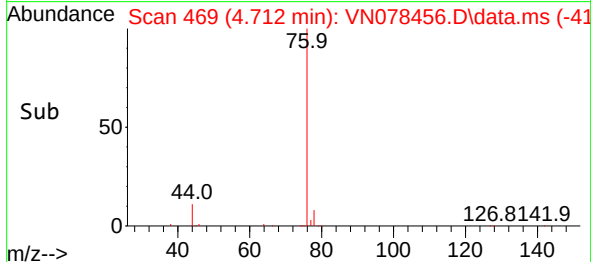
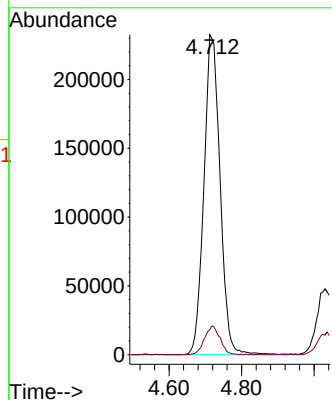
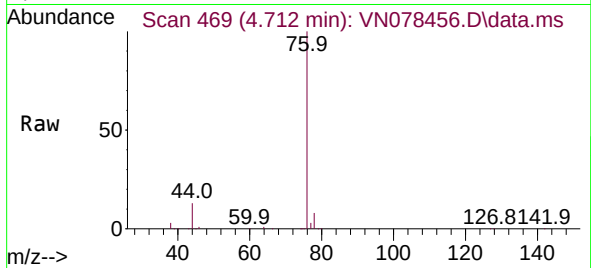
#17
Carbon Disulfide
Concen: 44.637 ug/l
RT: 4.712 min Scan# 470
Delta R.T. -0.006 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023

Tgt Ion: 76 Resp: 720224
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0

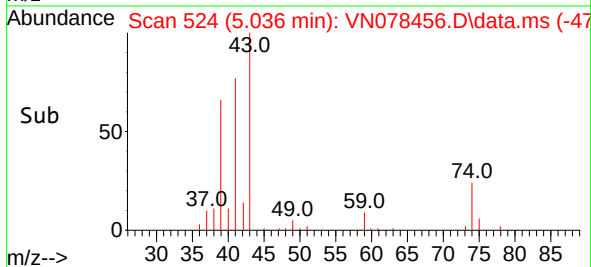
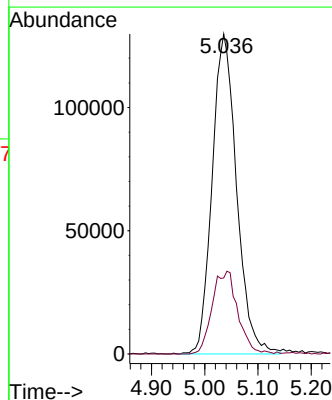
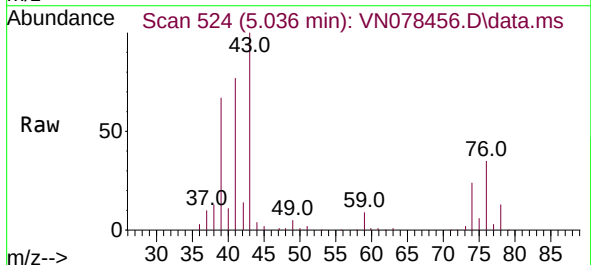
Manual Integrations
APPROVED

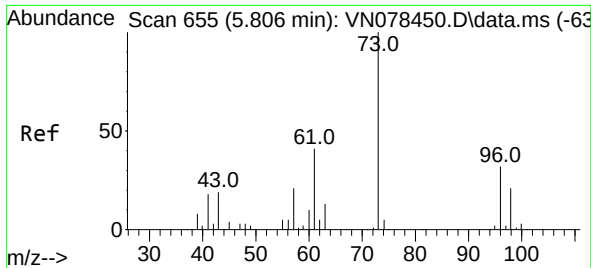
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#18
Methyl Acetate
Concen: 44.297 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

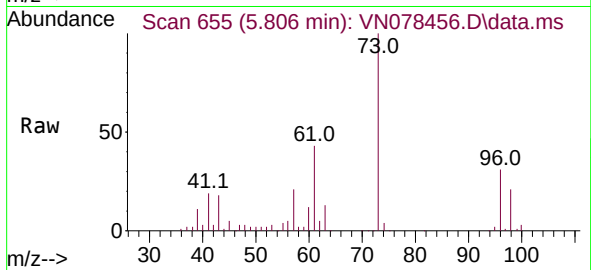
Tgt Ion: 43 Resp: 414097
Ion Ratio Lower Upper
43 100
74 27.0 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 47.399 ug/l
RT: 5.806 min Scan# 614
Delta R.T. 0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

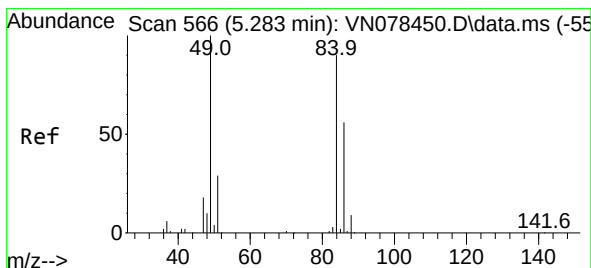
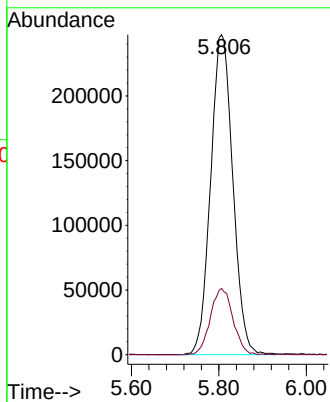
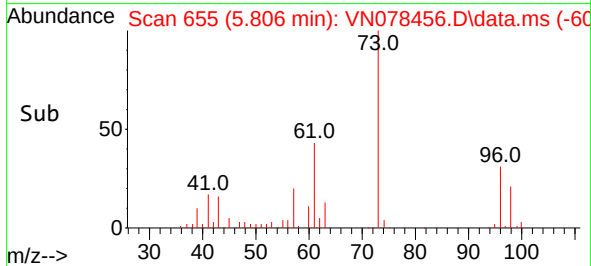
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023



Tgt Ion: 73 Resp: 871414
Ion Ratio Lower Upper
73 100
57 20.7 15.6 23.4

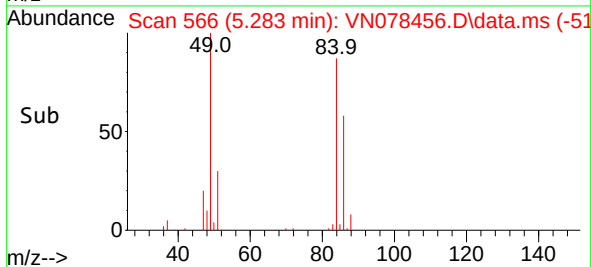
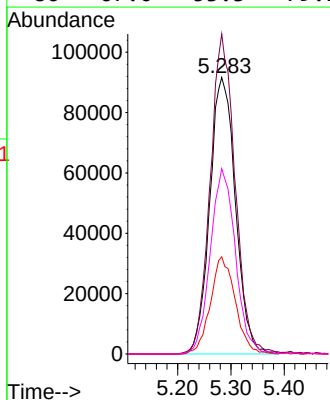
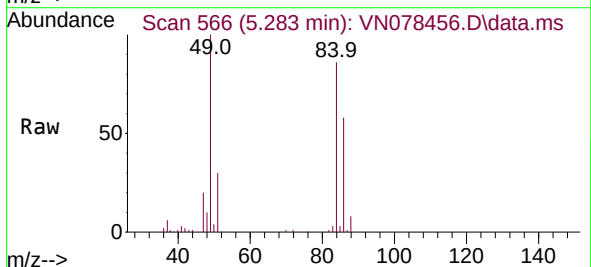
Manual Integrations
APPROVED

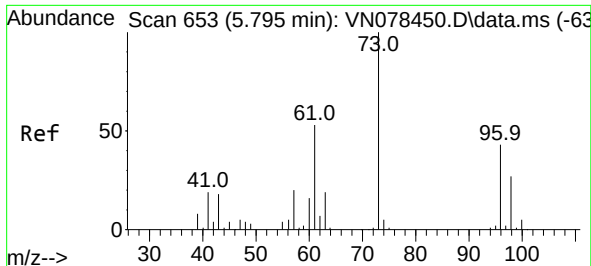
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#20
Methylene Chloride
Concen: 48.416 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

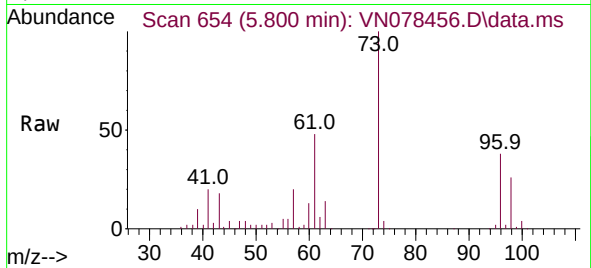
Tgt Ion: 84 Resp: 306926
Ion Ratio Lower Upper
84 100
49 115.7 79.7 119.5
51 35.1 25.2 37.8
86 67.0 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 46.046 ug/l
RT: 5.800 min Scan# 653
Delta R.T. 0.005 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

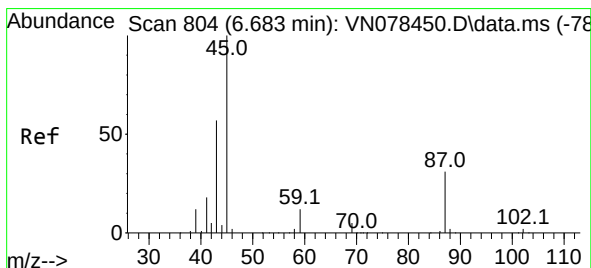
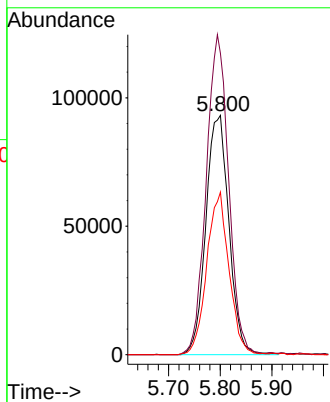
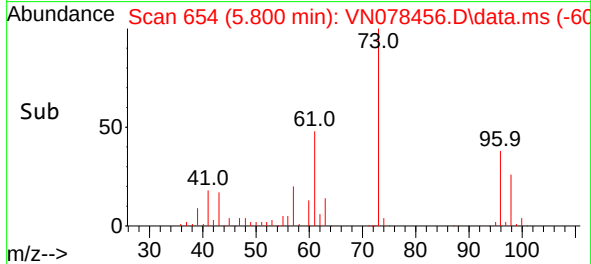
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023



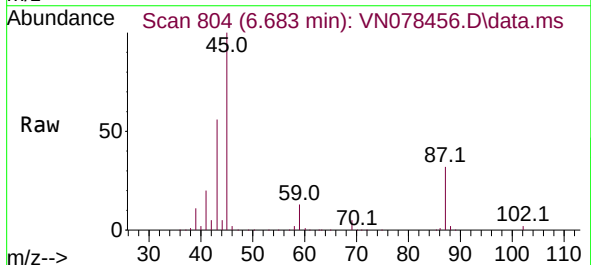
Tgt Ion: 96 Resp: 289530
Ion Ratio Lower Upper
96 100
61 125.9 90.1 135.1
98 67.9 46.4 69.6

Manual Integrations
APPROVED

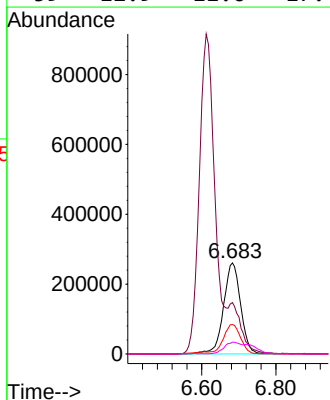
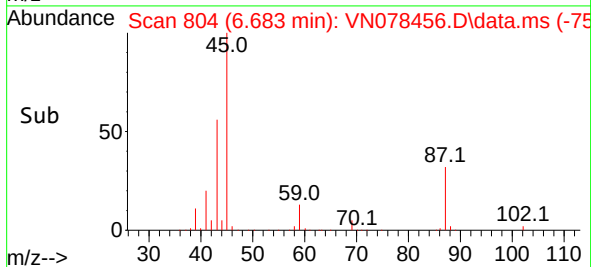
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

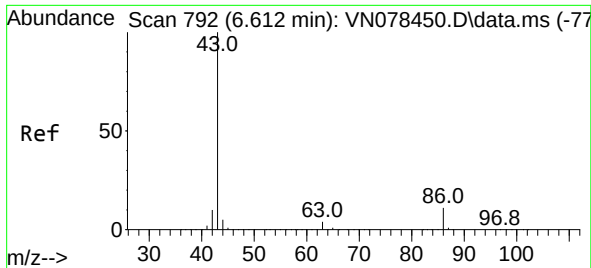


#22
Diisopropyl ether
Concen: 48.898 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03



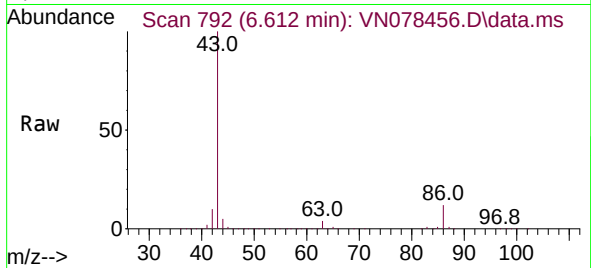
Tgt Ion: 45 Resp: 834818
Ion Ratio Lower Upper
45 100
43 56.4 45.5 68.3
87 32.2 31.8 47.8
59 12.9 11.6 17.4





#23
 Vinyl Acetate
 Concen: 247.568 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078456.D
 Acq: 10 Jul 2023 16:03

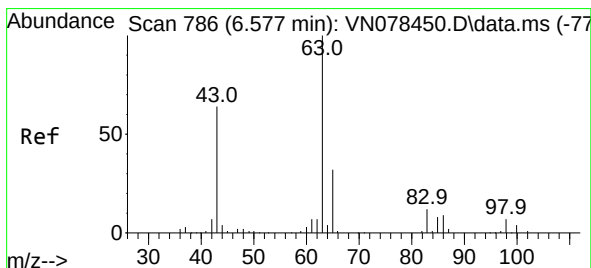
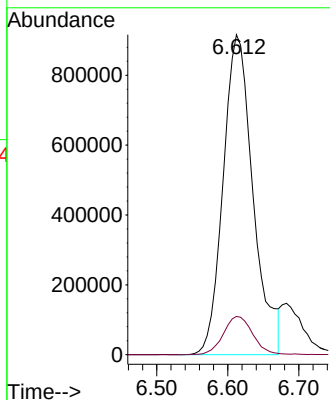
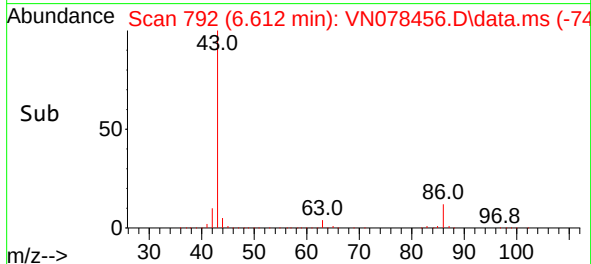
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN071023



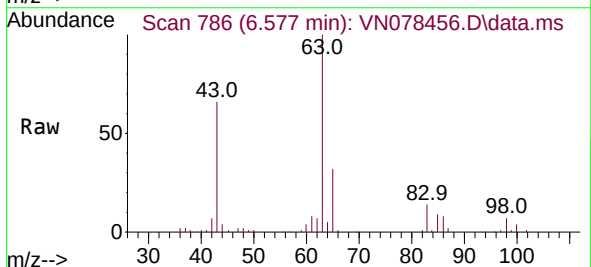
Tgt Ion: 43 Resp: 2687024
 Ion Ratio Lower Upper
 43 100
 86 11.9 13.0 19.6

Manual Integrations
 APPROVED

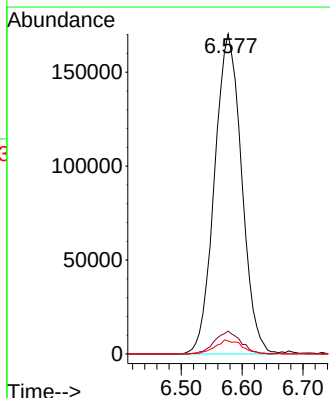
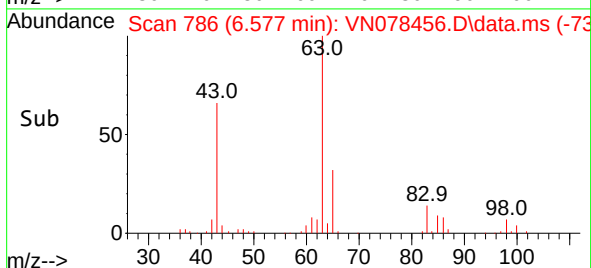
Reviewed By :John Carlone 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

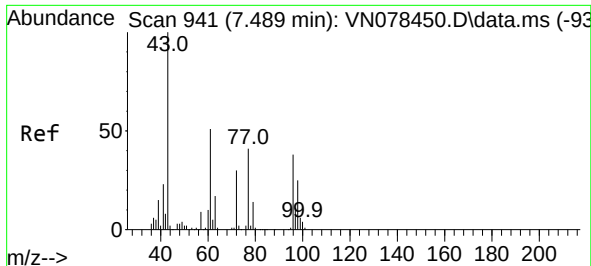


#24
 1,1-Dichloroethane
 Concen: 45.865 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078456.D
 Acq: 10 Jul 2023 16:03



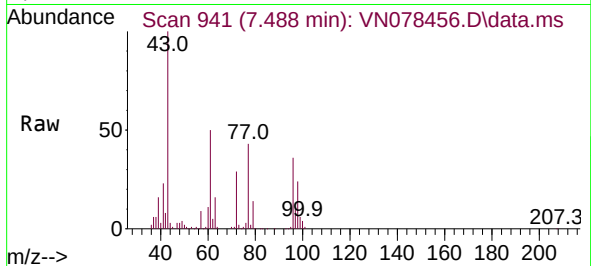
Tgt Ion: 63 Resp: 527638
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 4.1 2.5 7.4





#25
2-Butanone
Concen: 249.973 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.001 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

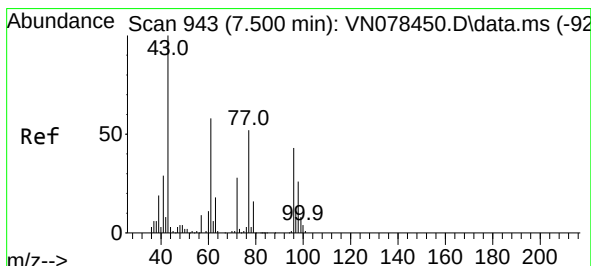
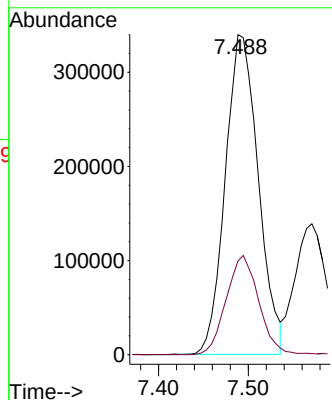
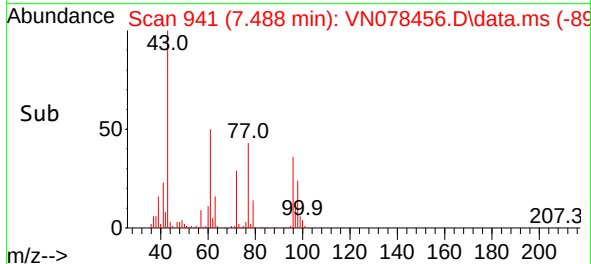
Instrument :
MSVOA_N
Client Sample Id :
ICVVN071023



Tgt Ion: 43 Resp: 86894
Ion Ratio Lower Upper
43 100
72 29.2 30.2 45.2

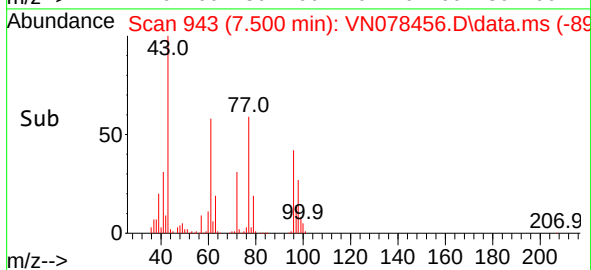
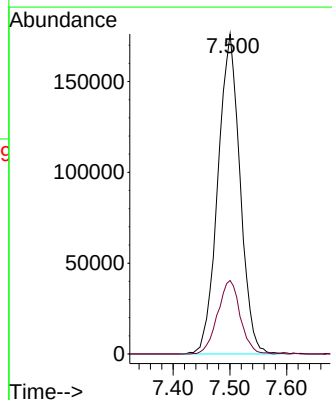
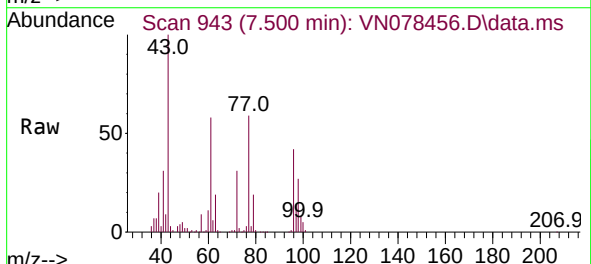
Manual Integrations
APPROVED

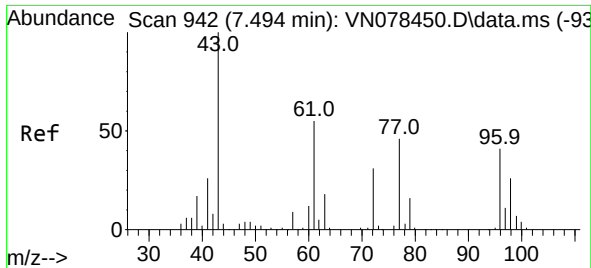
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#26
2,2-Dichloropropane
Concen: 50.718 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

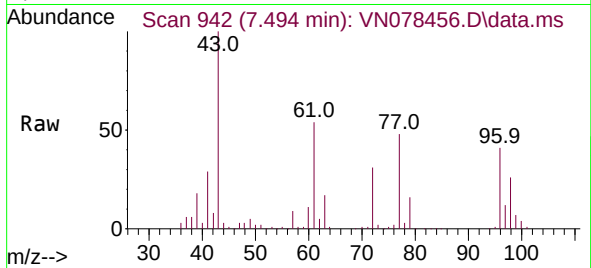
Tgt Ion: 77 Resp: 477212
Ion Ratio Lower Upper
77 100
97 23.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 47.431 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078456.D
 Acq: 10 Jul 2023 16:03

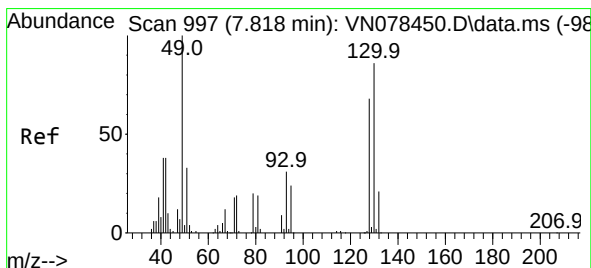
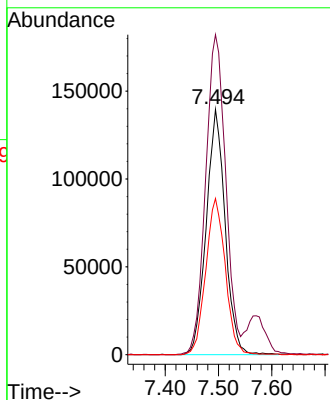
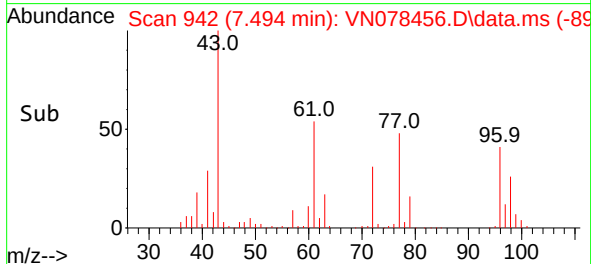
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN071023



Tgt Ion: 96 Resp: 345014
 Ion Ratio Lower Upper
 96 100
 61 138.0 0.0 255.2
 98 65.9 0.0 128.8

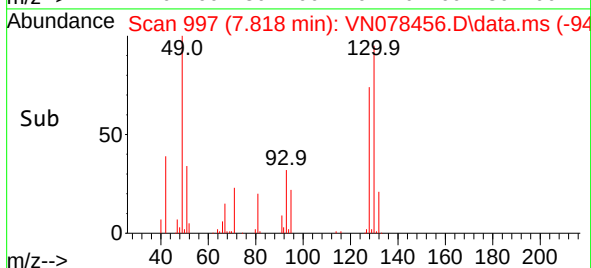
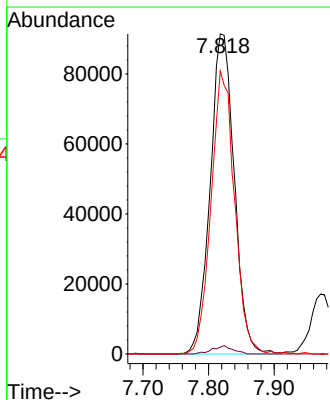
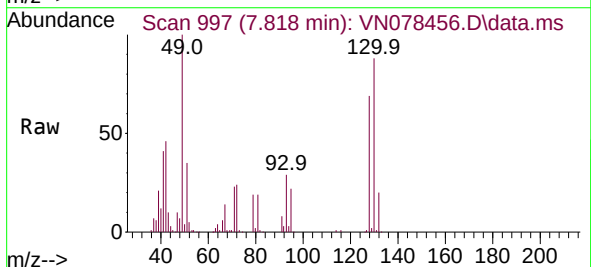
Manual Integrations
 APPROVED

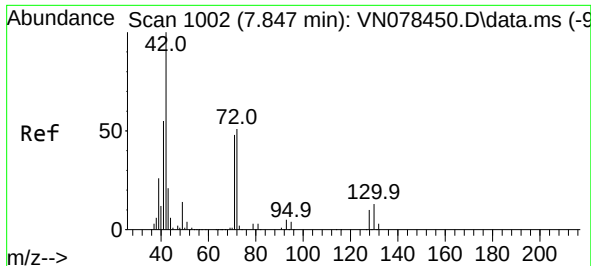
Reviewed By :John Carlone 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#28
 Bromochloromethane
 Concen: 42.998 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078456.D
 Acq: 10 Jul 2023 16:03

Tgt Ion: 49 Resp: 232983
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 85.9 75.3 112.9





#29

Tetrahydrofuran

Concen: 232.708 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078456.D

Acq: 10 Jul 2023 16:03

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071023

Tgt Ion: 42 Resp: 53079

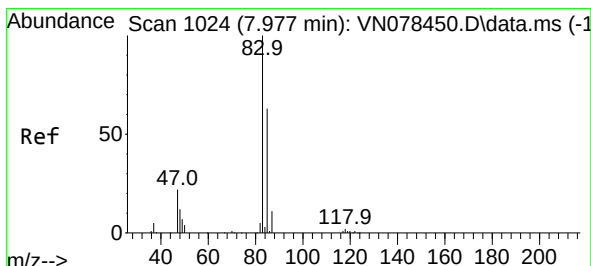
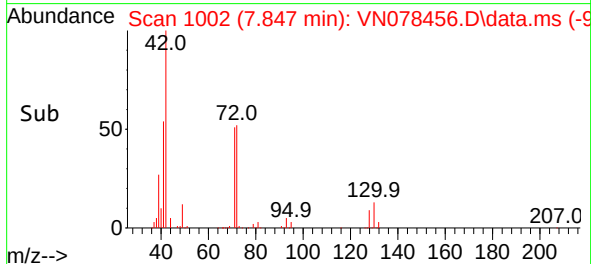
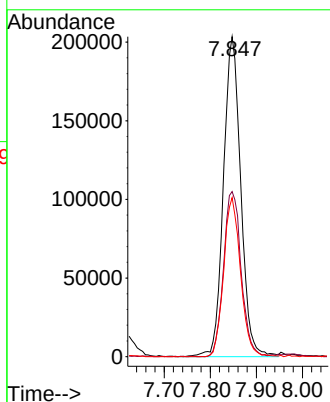
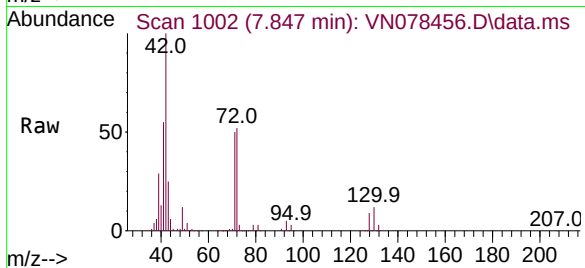
Ion	Ratio	Lower	Upper
42	100		
72	52.4	49.8	74.6
71	48.5	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#30

Chloroform

Concen: 48.065 ug/l

RT: 7.971 min Scan# 1023

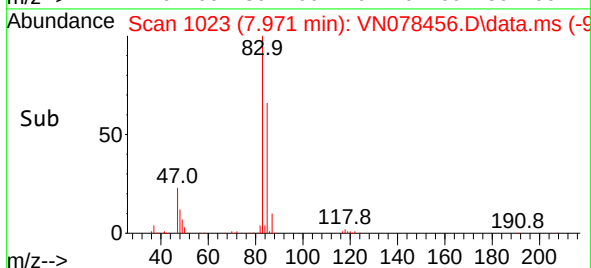
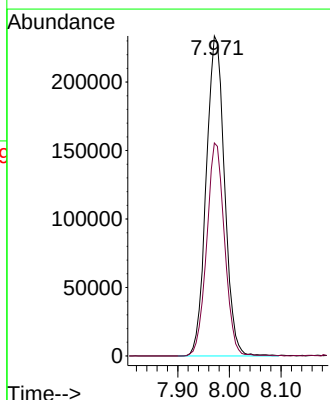
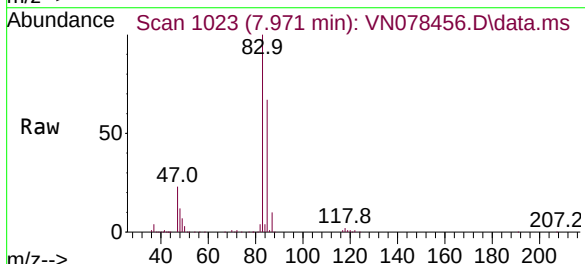
Delta R.T. -0.006 min

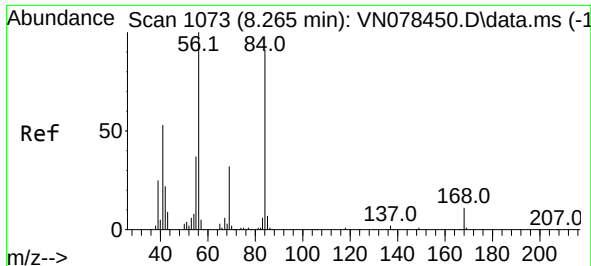
Lab File: VN078456.D

Acq: 10 Jul 2023 16:03

Tgt Ion: 83 Resp: 575675

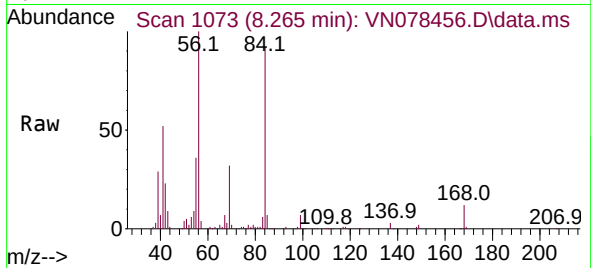
Ion	Ratio	Lower	Upper
83	100		
85	66.5	55.4	83.0





#31
Cyclohexane
Concen: 44.945 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

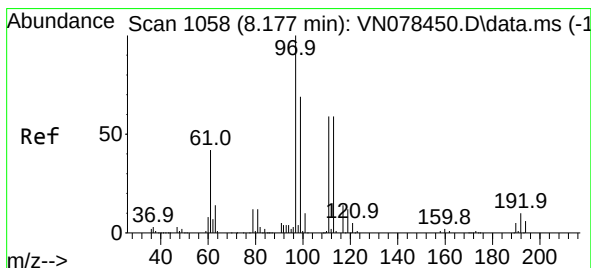
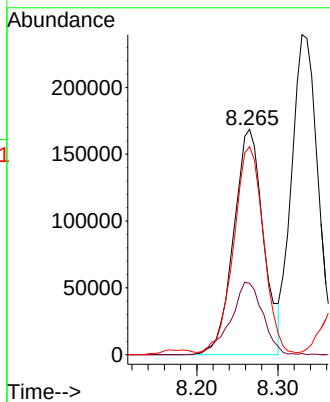
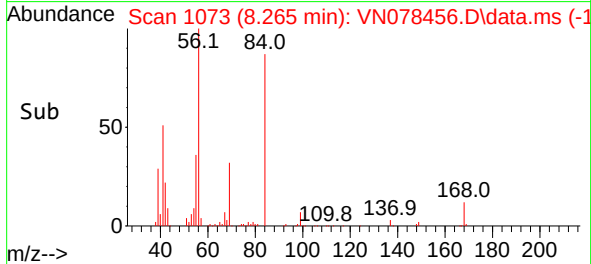
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023



Tgt Ion: 56 Resp: 430600
Ion Ratio Lower Upper
56 100
69 31.7 26.8 40.2
84 90.4 81.8 122.6

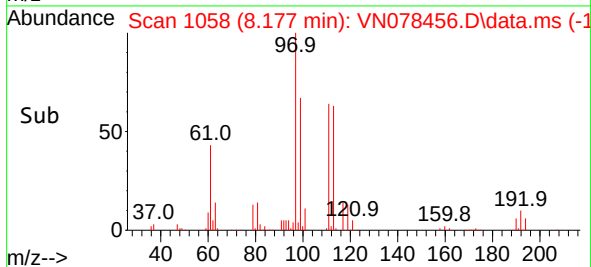
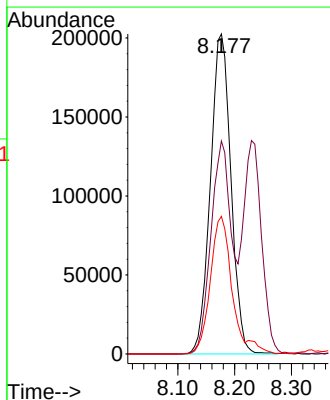
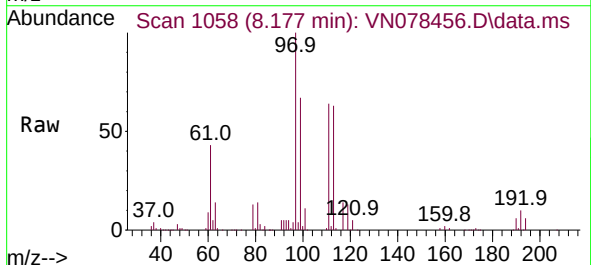
Manual Integrations
APPROVED

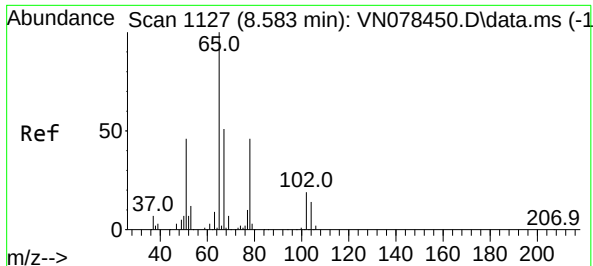
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#32
1,1,1-Trichloroethane
Concen: 47.368 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

Tgt Ion: 97 Resp: 508638
Ion Ratio Lower Upper
97 100
99 67.4 50.3 75.5
61 45.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.801 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078456.D

Acq: 10 Jul 2023 16:03

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071023

Tgt Ion: 65 Resp: 34596

Ion Ratio Lower Upper

65 100

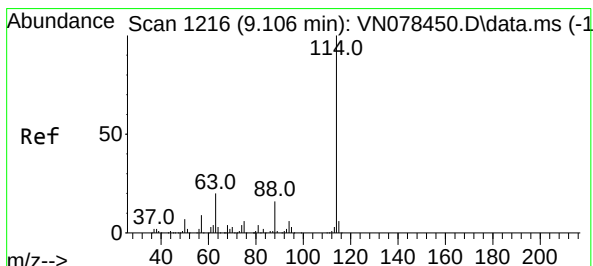
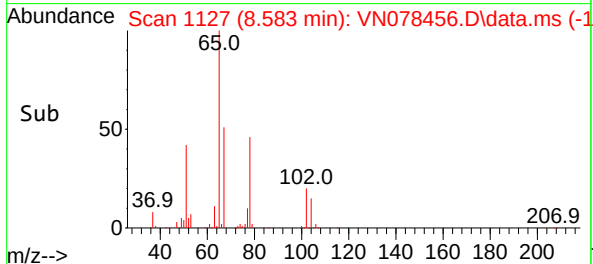
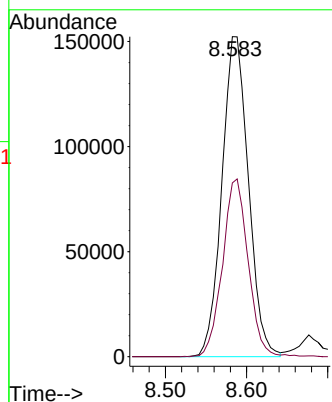
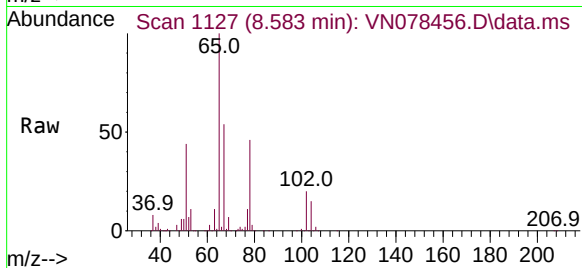
67 53.7 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078456.D

Acq: 10 Jul 2023 16:03

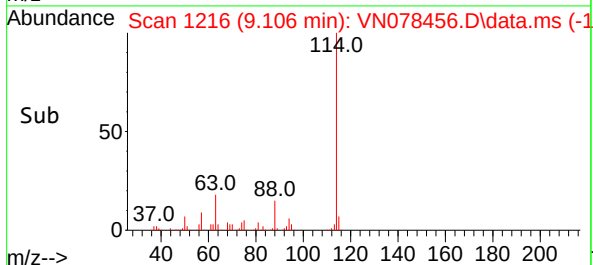
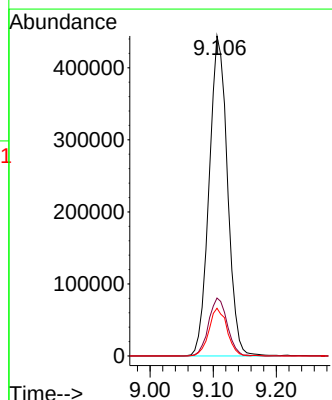
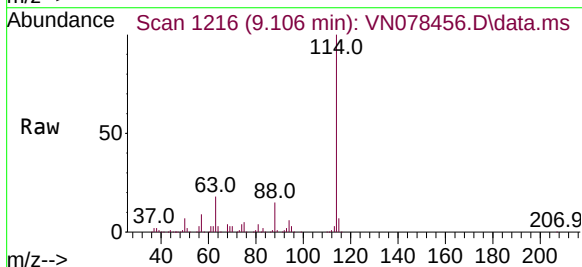
Tgt Ion:114 Resp: 894994

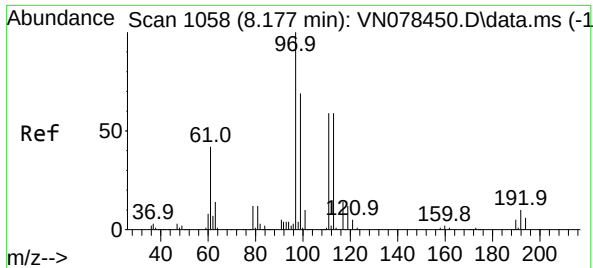
Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.4

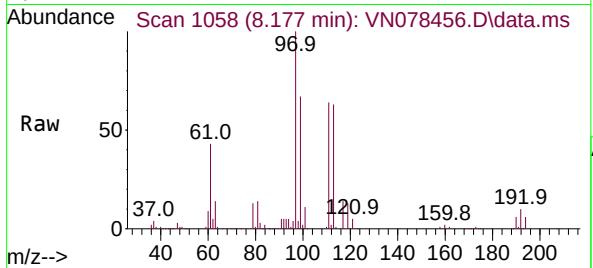
88 14.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.573 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

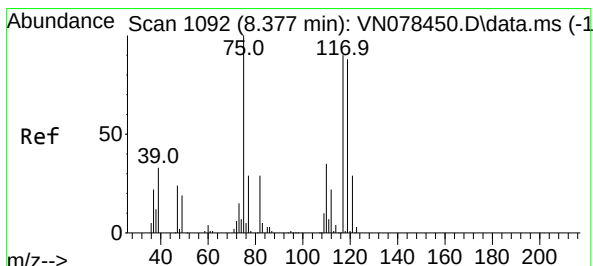
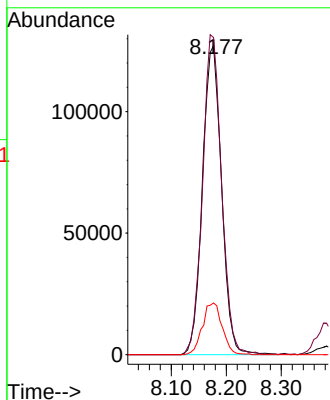
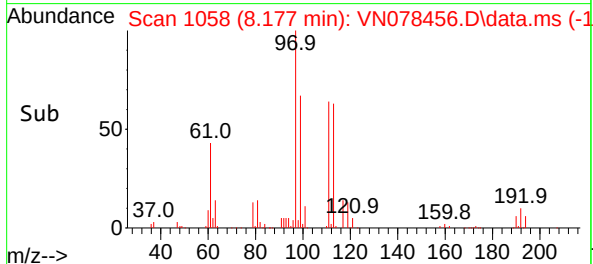
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023



Tgt Ion: 113 Resp: 307254
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 17.3 12.7 19.1

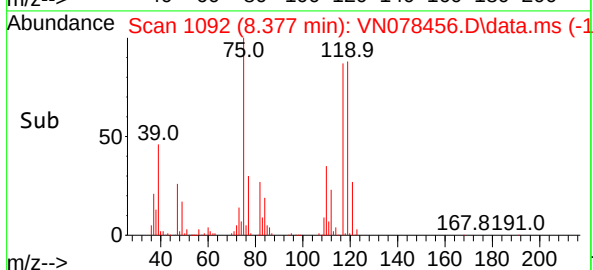
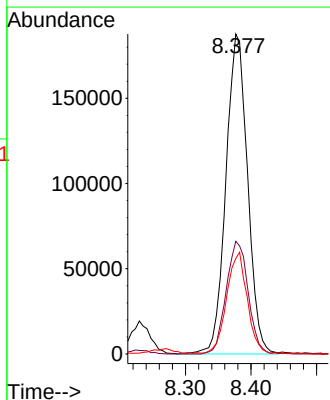
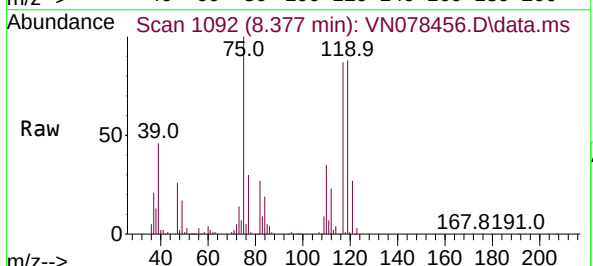
Manual Integrations
APPROVED

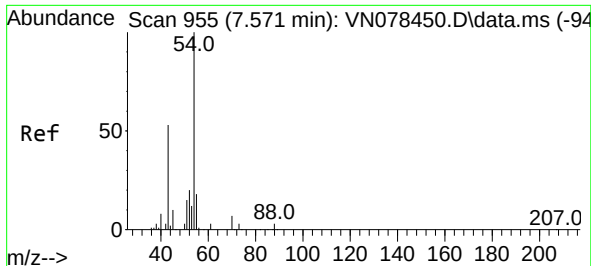
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#36
1,1-Dichloropropene
Concen: 49.155 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

Tgt Ion: 75 Resp: 431213
Ion Ratio Lower Upper
75 100
110 35.7 19.1 57.3
77 30.1 25.0 37.4





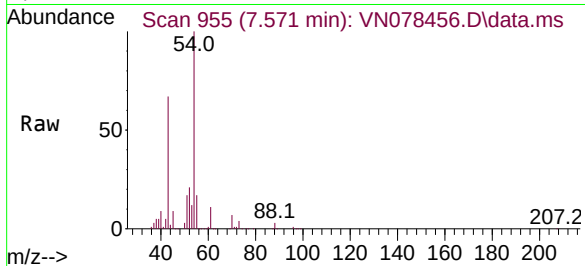
#37
Ethyl Acetate
Concen: 48.483 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071023



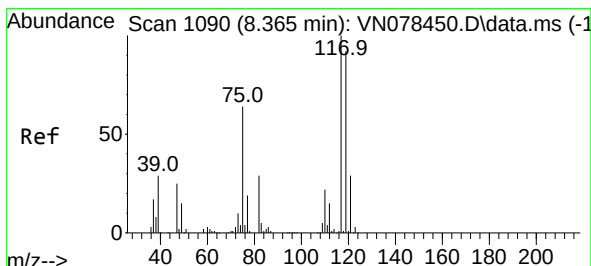
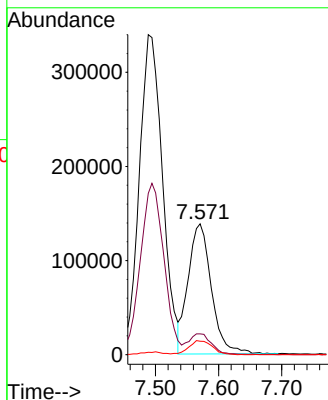
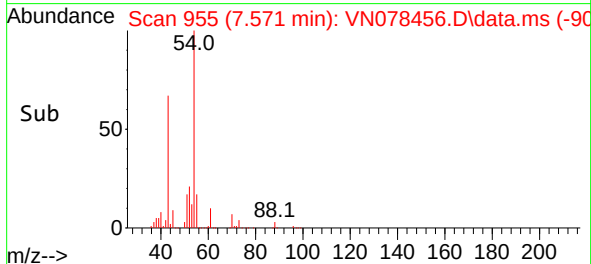
Tgt Ion: 43 Resp: 35455
Ion Ratio Lower Upper
43 100
61 15.7 13.2 19.8
70 10.9 11.3 16.9

Manual Integrations

APPROVED

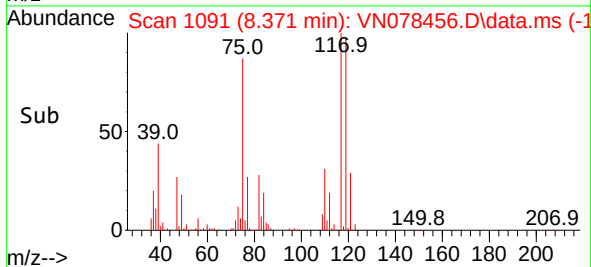
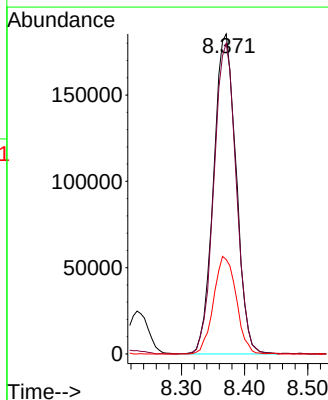
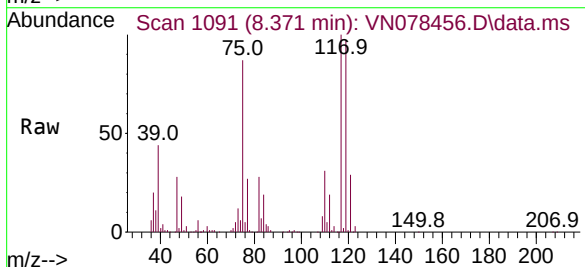
Reviewed By :John Carlone 07/11/2023

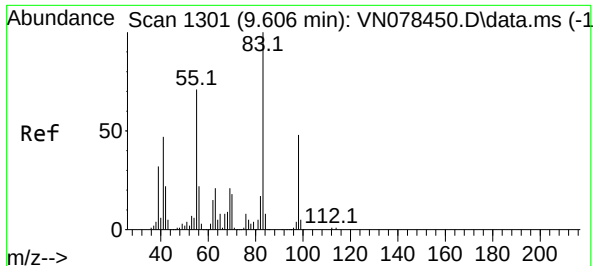
Supervised By :Mahesh Dadoda 07/11/2023



#38
Carbon Tetrachloride
Concen: 48.160 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

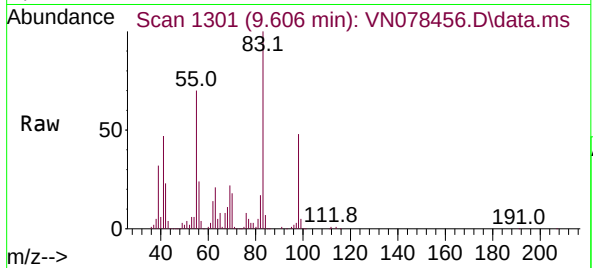
Tgt Ion:117 Resp: 459176
Ion Ratio Lower Upper
117 100
119 97.0 77.3 115.9
121 29.5 23.3 34.9





#39
Methylcyclohexane
Concen: 50.755 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

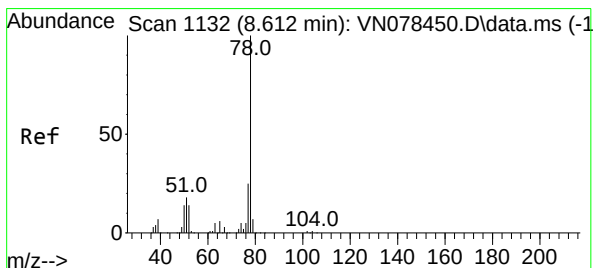
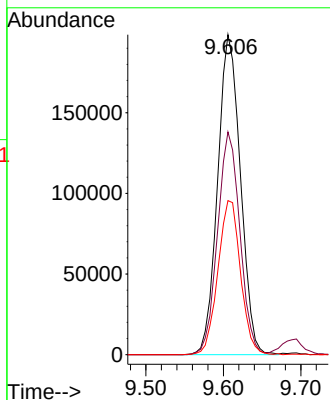
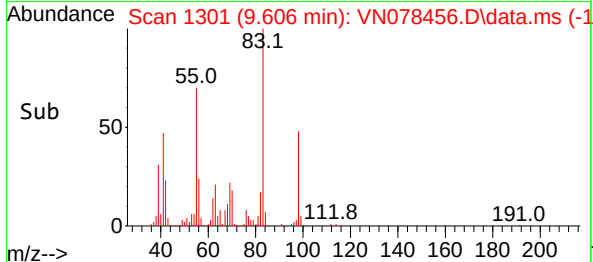
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023



Tgt Ion: 83 Resp: 406419
Ion Ratio Lower Upper
83 100
55 69.6 49.1 73.7
98 48.2 40.6 61.0

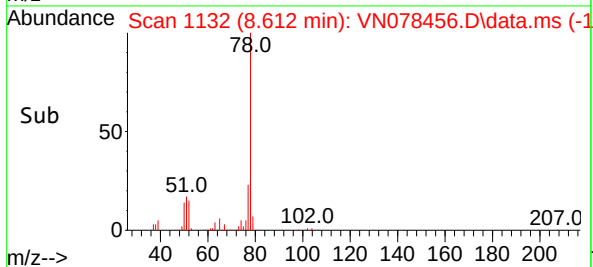
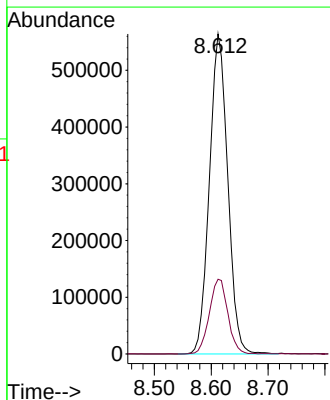
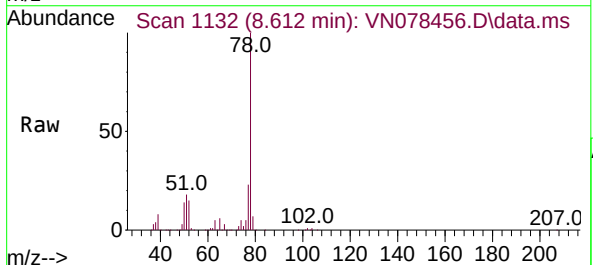
Manual Integrations
APPROVED

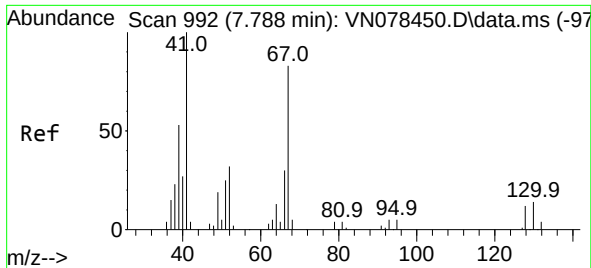
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#40
Benzene
Concen: 48.595 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

Tgt Ion: 78 Resp: 1262934
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6





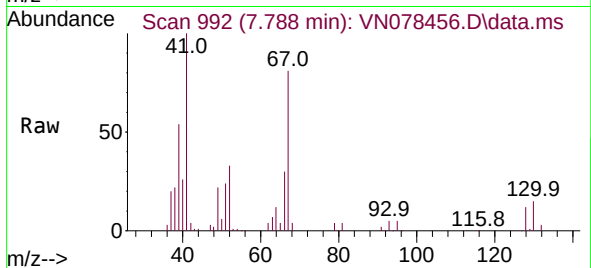
#41
Methacrylonitrile
Concen: 46.968 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071023



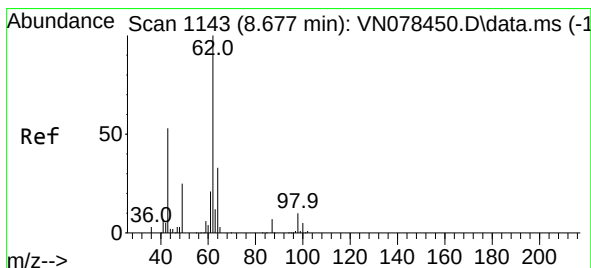
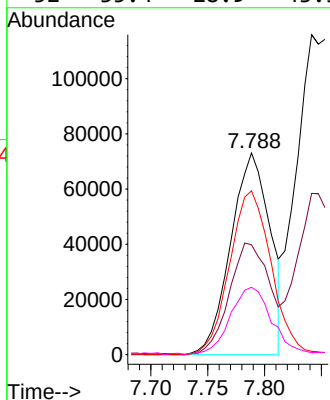
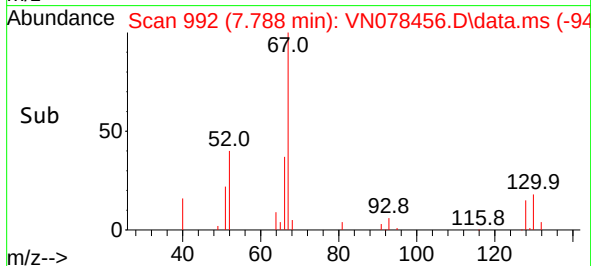
Tgt Ion: 41 Resp: 175098
Ion Ratio Lower Upper
41 100
39 56.6 42.6 64.0
67 86.5 77.5 116.3
52 35.4 28.9 43.3

Manual Integrations

APPROVED

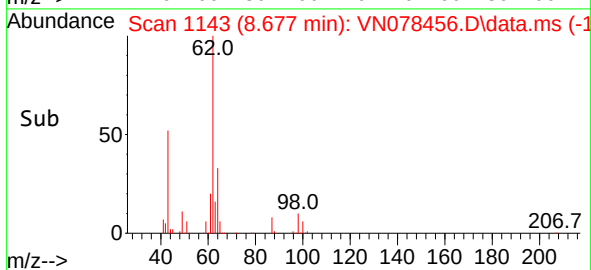
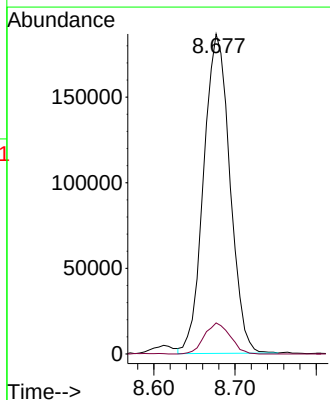
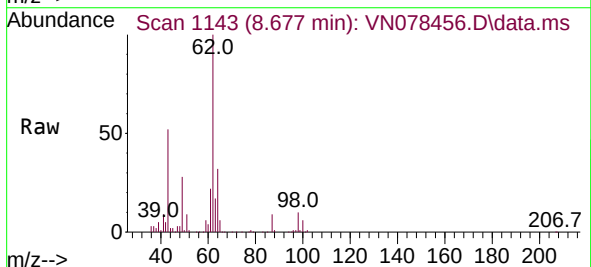
Reviewed By :John Carlone 07/11/2023

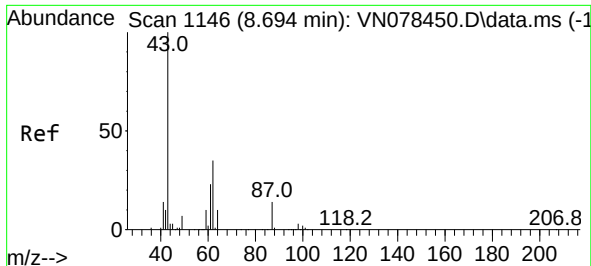
Supervised By :Mahesh Dadoda 07/11/2023



#42
1,2-Dichloroethane
Concen: 47.424 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

Tgt Ion: 62 Resp: 419227
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.8





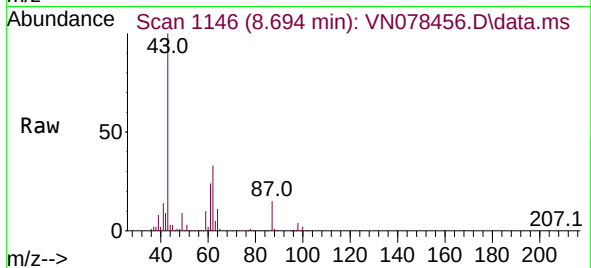
#43
Isopropyl Acetate
Concen: 49.495 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071023



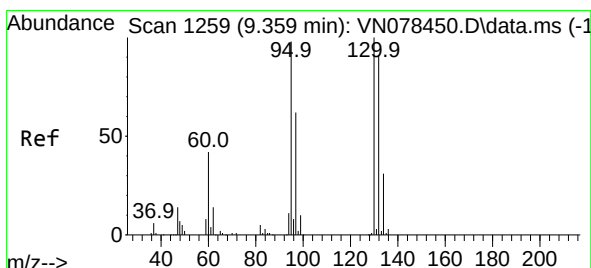
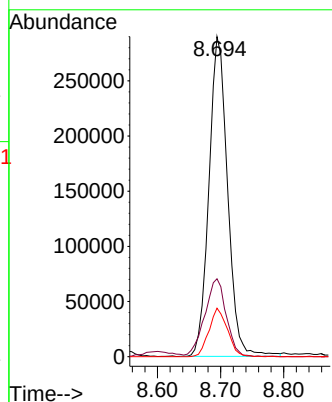
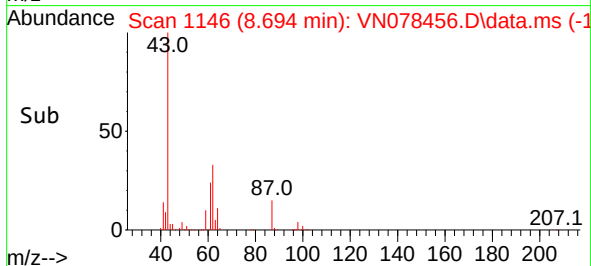
Tgt Ion: 43 Resp: 595909
Ion Ratio Lower Upper
43 100
61 27.8 24.7 37.1
87 15.0 14.6 21.8

Manual Integrations

APPROVED

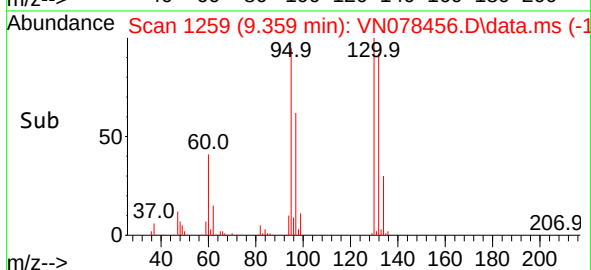
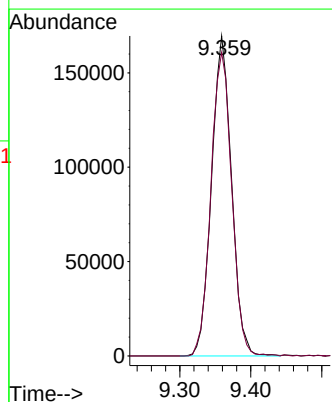
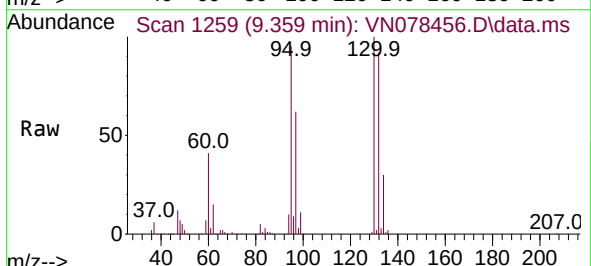
Reviewed By :John Carlone 07/11/2023

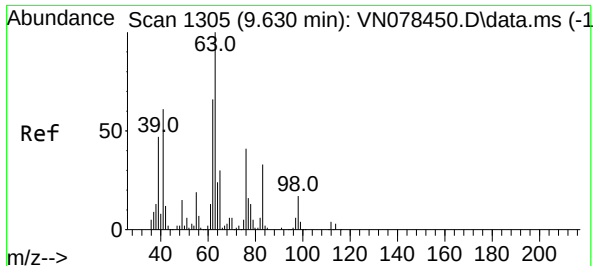
Supervised By :Mahesh Dadoda 07/11/2023



#44
Trichloroethene
Concen: 47.350 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

Tgt Ion:130 Resp: 331665
Ion Ratio Lower Upper
130 100
95 94.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 48.758 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VN078456.D

Acq: 10 Jul 2023 16:03

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071023

Tgt Ion: 63 Resp: 32094

Ion Ratio Lower Upper

63 100

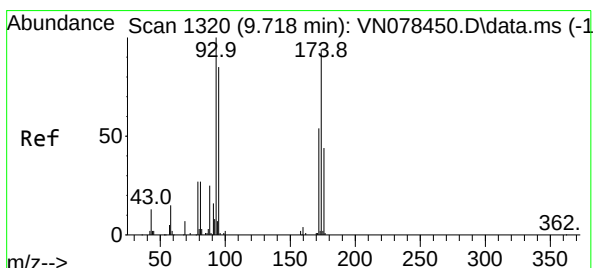
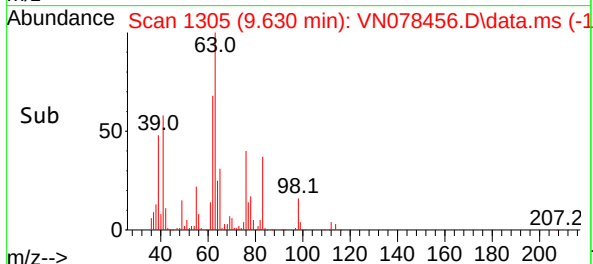
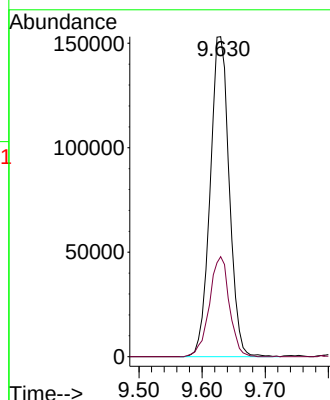
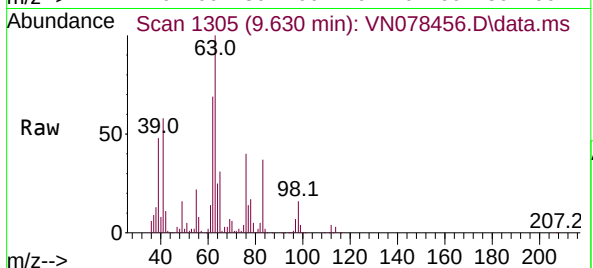
65 31.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#46

Dibromomethane

Concen: 48.764 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078456.D

Acq: 10 Jul 2023 16:03

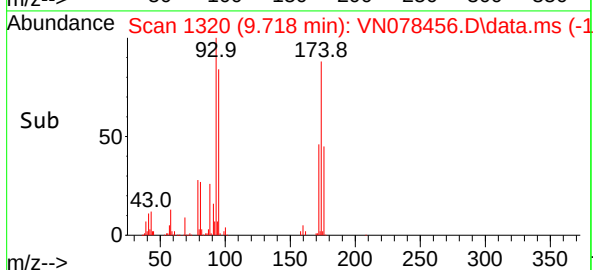
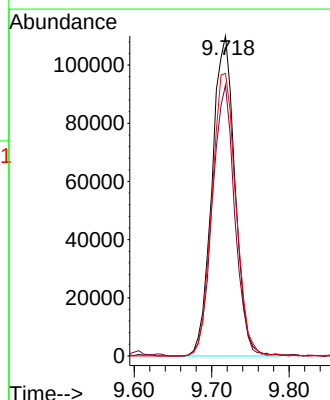
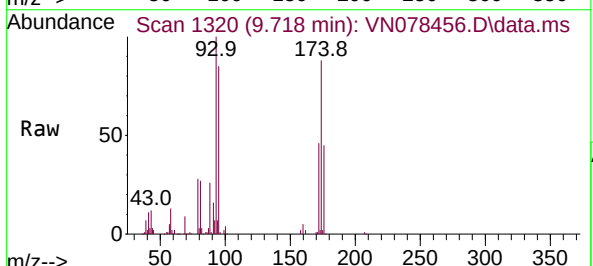
Tgt Ion: 93 Resp: 225919

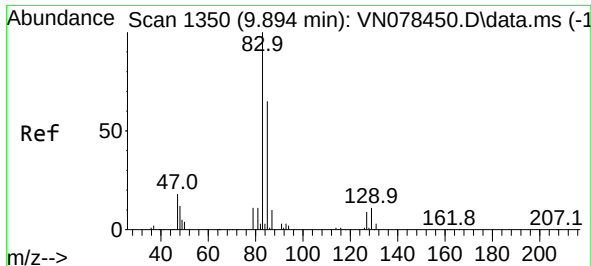
Ion Ratio Lower Upper

93 100

95 82.7 63.8 95.8

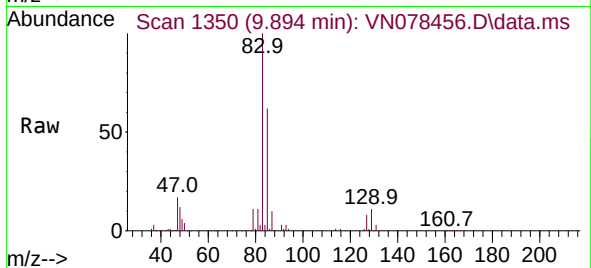
174 91.9 65.6 98.4





#47
Bromodichloromethane
Concen: 49.039 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

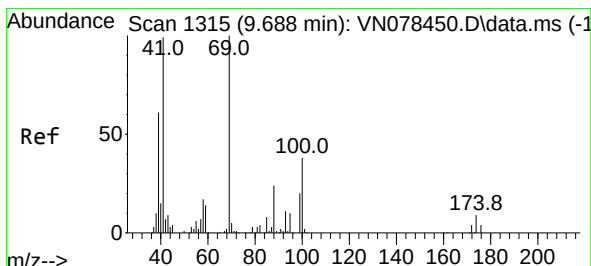
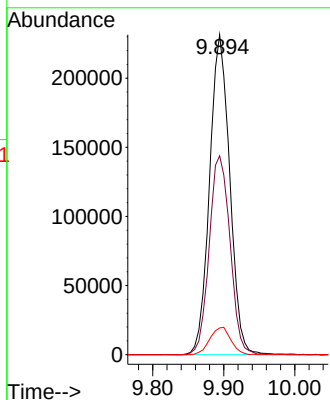
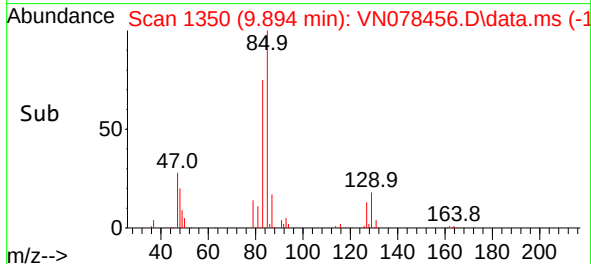
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023



Tgt Ion: 83 Resp: 455420
Ion Ratio Lower Upper
83 100
85 62.2 49.6 74.4
127 8.3 7.0 10.6

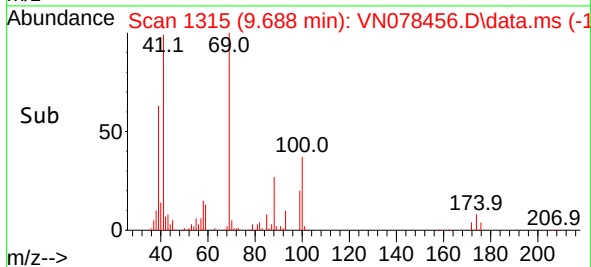
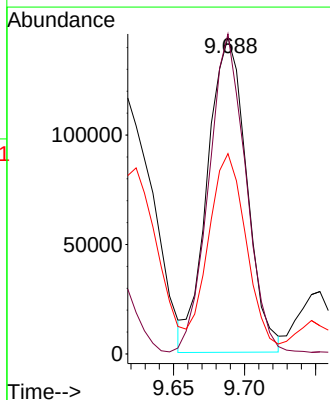
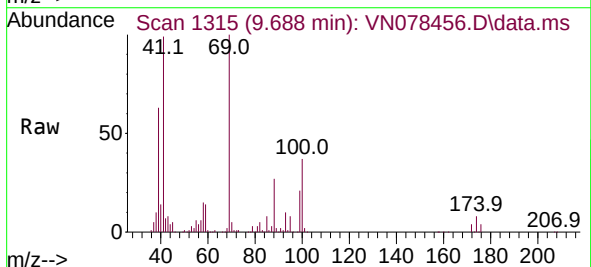
Manual Integrations
APPROVED

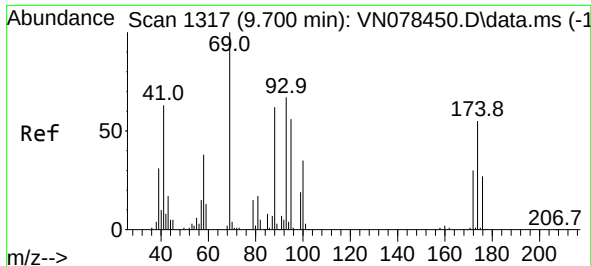
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#48
Methyl methacrylate
Concen: 49.505 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

Tgt Ion: 41 Resp: 276133
Ion Ratio Lower Upper
41 100
69 97.3 90.4 135.6
39 61.5 54.6 81.8





#49

1,4-Dioxane

Concen: 994.827 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078456.D

Acq: 10 Jul 2023 16:03

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071023

Tgt Ion: 88 Resp: 121014

Ion Ratio Lower Upper

88 100

43 23.8 17.0 25.6

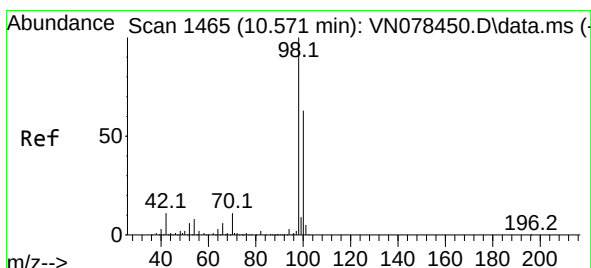
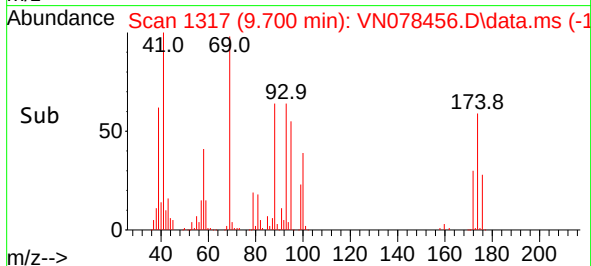
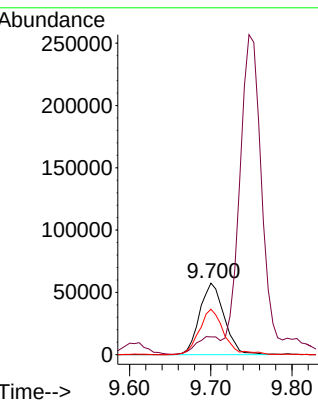
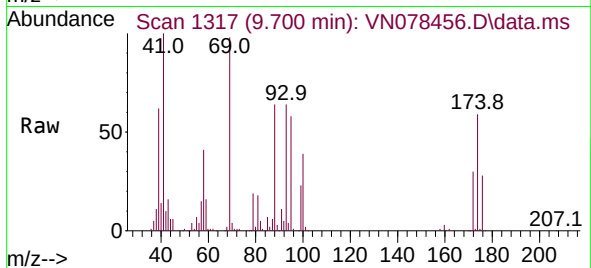
58 63.7 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#50

Toluene-d8

Concen: 50.953 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078456.D

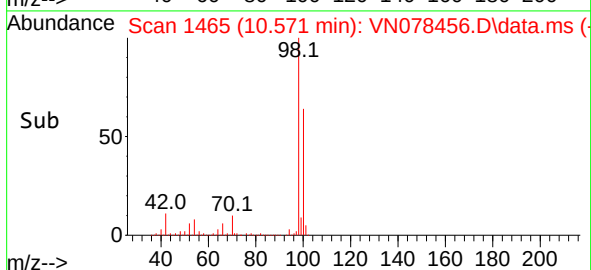
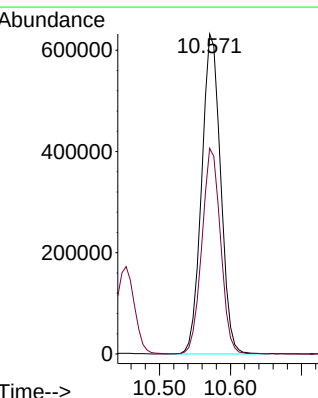
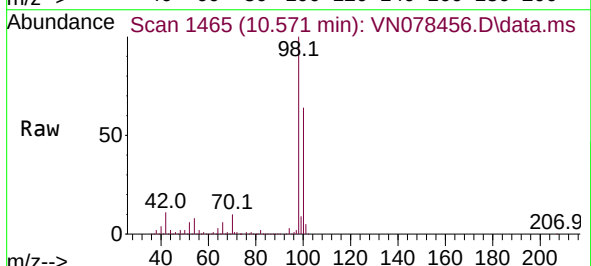
Acq: 10 Jul 2023 16:03

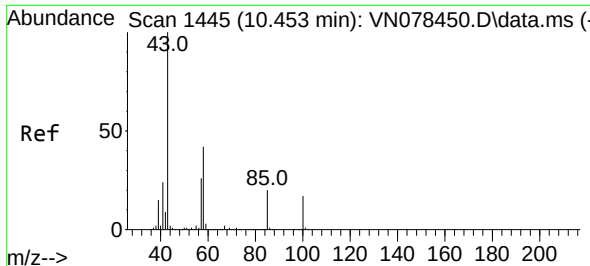
Tgt Ion: 98 Resp: 1169443

Ion Ratio Lower Upper

98 100

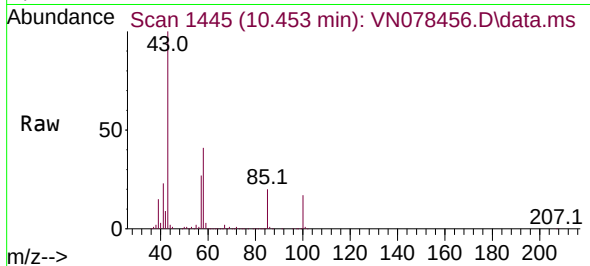
100 63.4 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 246.578 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

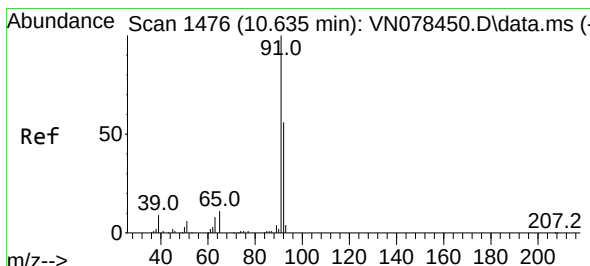
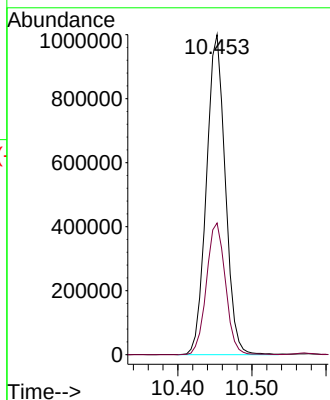
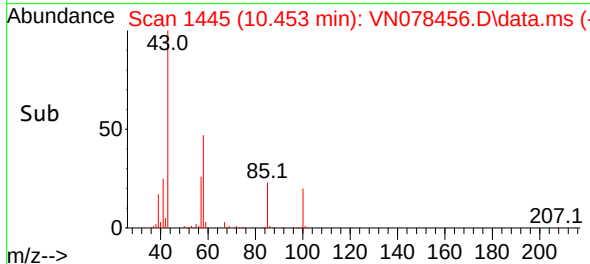
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023



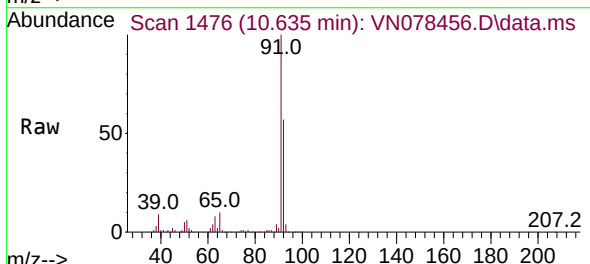
Tgt Ion: 43 Resp: 1765834
Ion Ratio Lower Upper
43 100
58 41.5 36.6 54.8

Manual Integrations
APPROVED

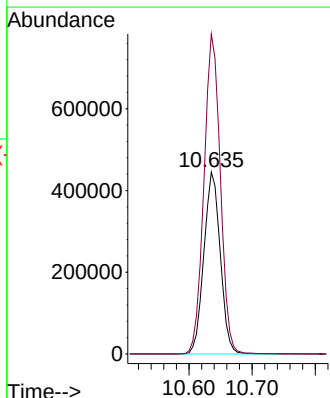
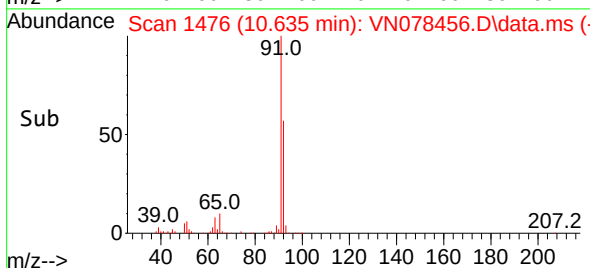
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

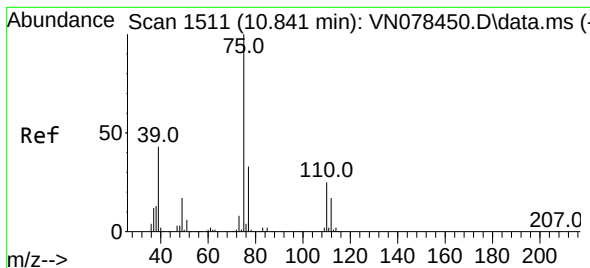


#52
Toluene
Concen: 49.859 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03



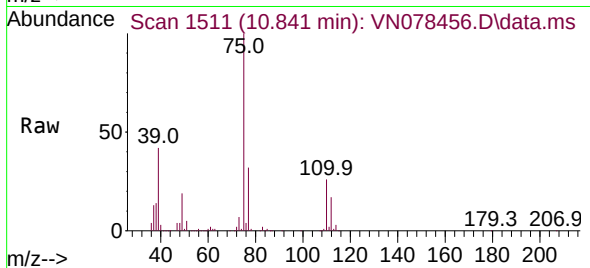
Tgt Ion: 92 Resp: 803101
Ion Ratio Lower Upper
92 100
91 176.2 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 50.745 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

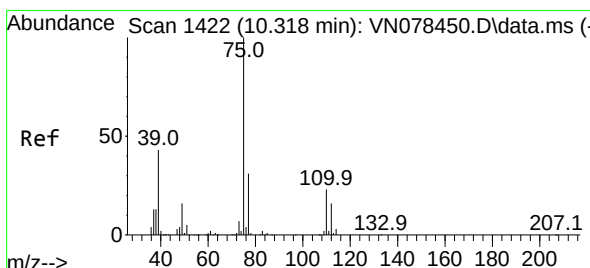
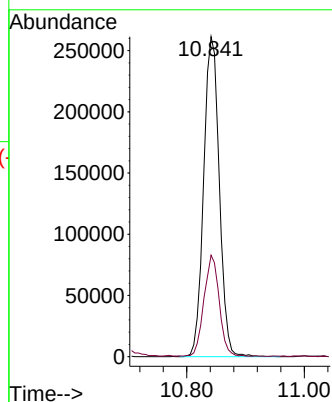
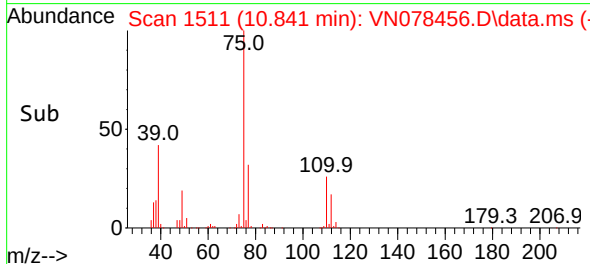
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023



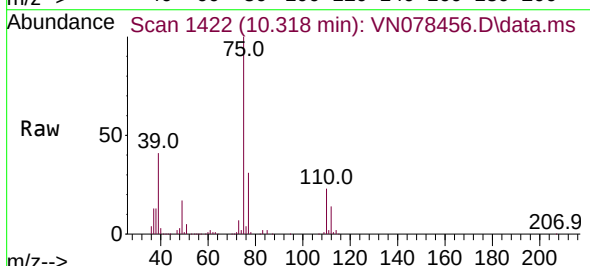
Tgt Ion: 75 Resp: 48279
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0

Manual Integrations
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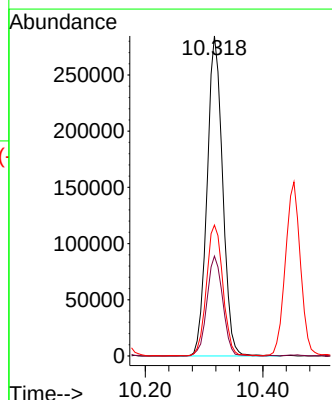
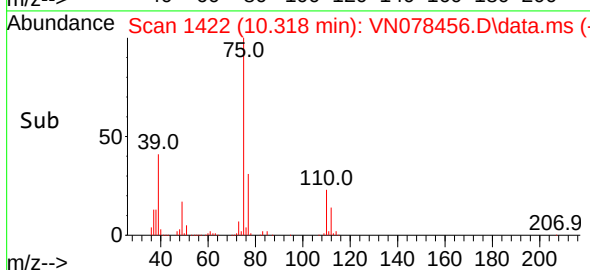
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

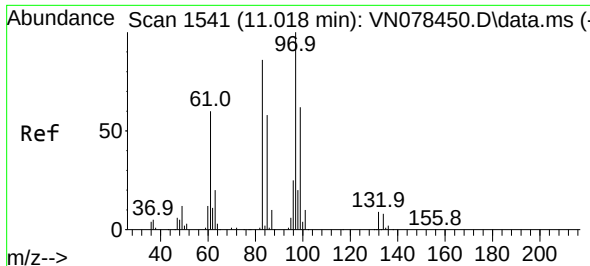


#54
cis-1,3-Dichloropropene
Concen: 51.593 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03



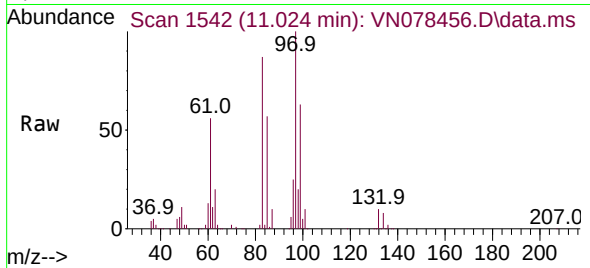
Tgt Ion: 75 Resp: 523230
Ion Ratio Lower Upper
75 100
77 31.2 26.1 39.1
39 40.8 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 49.229 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

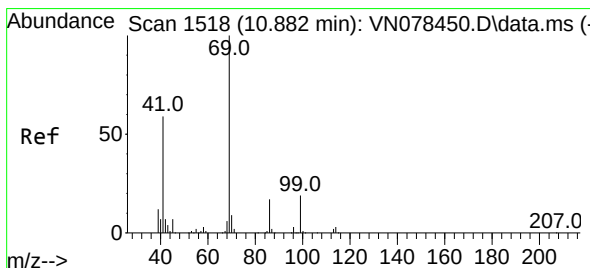
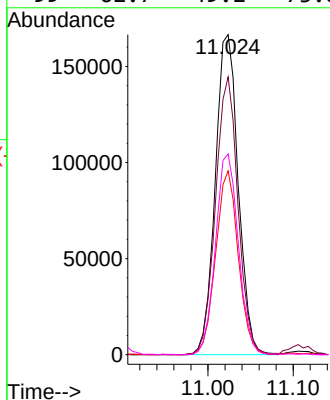
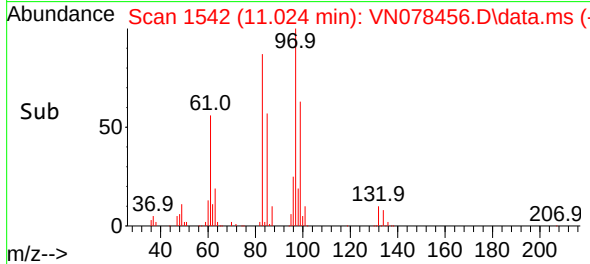
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023



Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.8	65.1	97.7
85	57.5	43.4	65.2
99	62.7	49.2	73.8

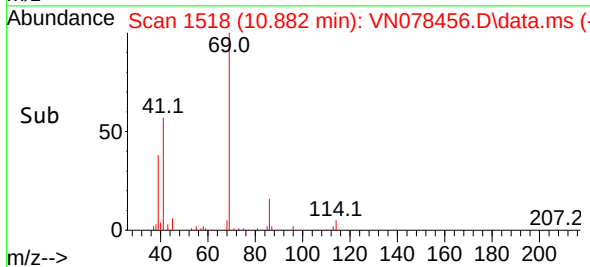
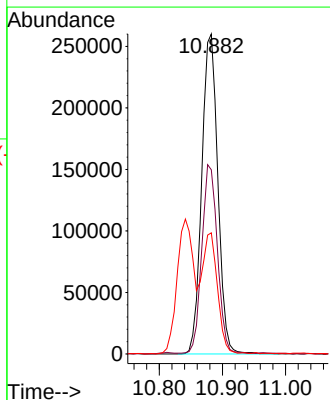
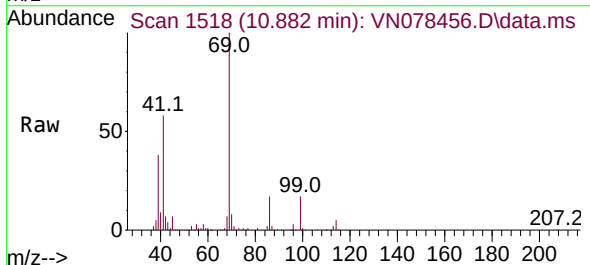
Manual Integrations
APPROVED

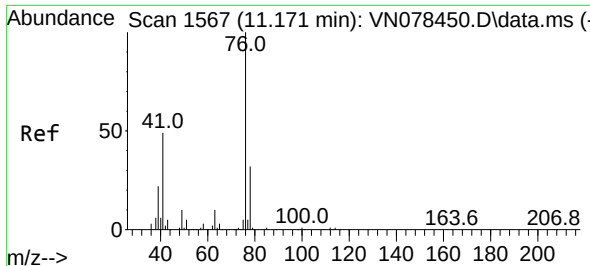
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#56
Ethyl methacrylate
Concen: 51.727 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

Tgt Ion	Ratio	Lower	Upper
69	100		
41	57.2	39.6	59.4
39	36.6	28.6	43.0





#57

1,3-Dichloropropane

Concen: 48.463 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078456.D

Acq: 10 Jul 2023 16:03

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071023

Tgt Ion: 76 Resp: 522939

Ion Ratio Lower Upper

76 100

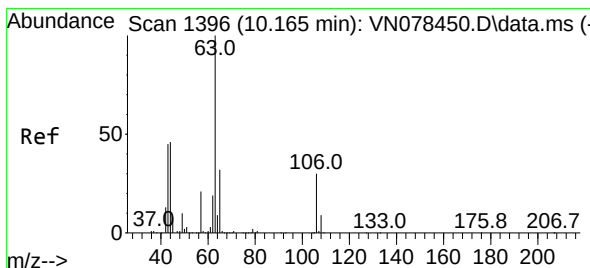
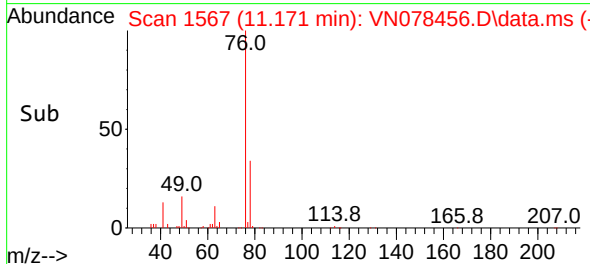
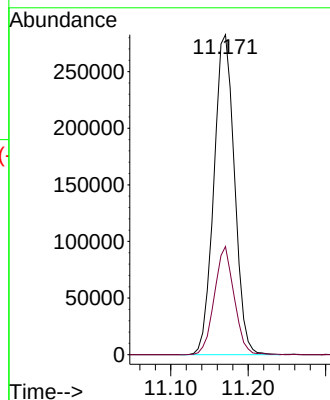
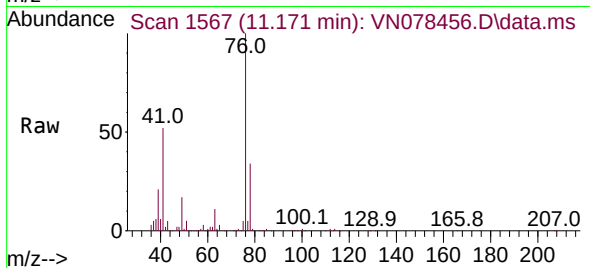
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#58

2-Chloroethyl Vinyl ether

Concen: 259.244 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078456.D

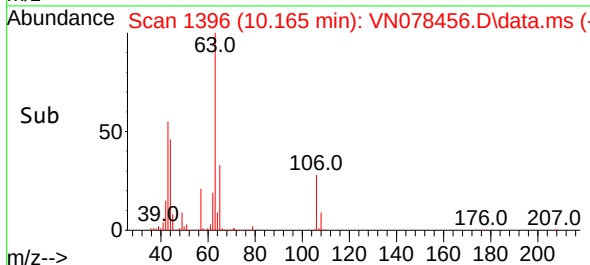
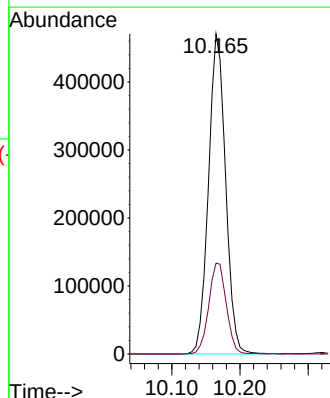
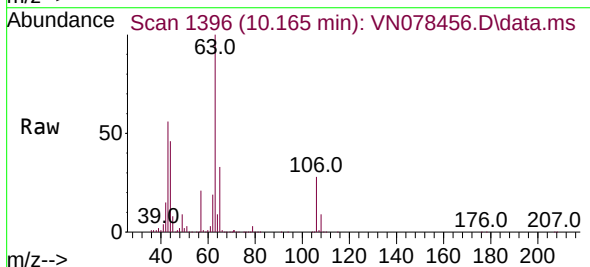
Acq: 10 Jul 2023 16:03

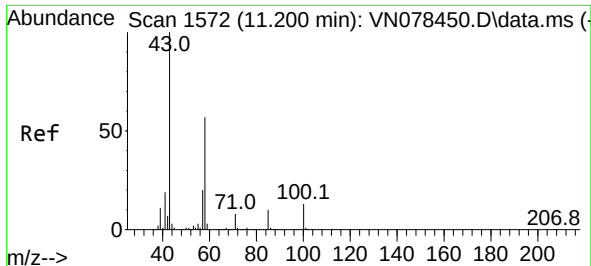
Tgt Ion: 63 Resp: 819605

Ion Ratio Lower Upper

63 100

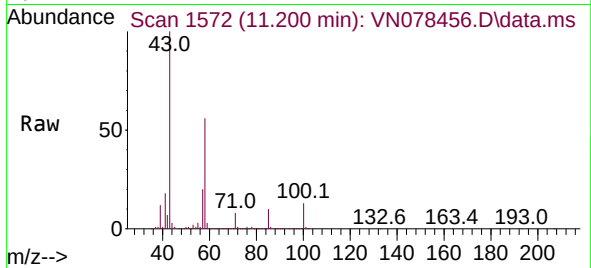
106 29.1 26.2 39.4





#59
2-Hexanone
Concen: 258.916 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

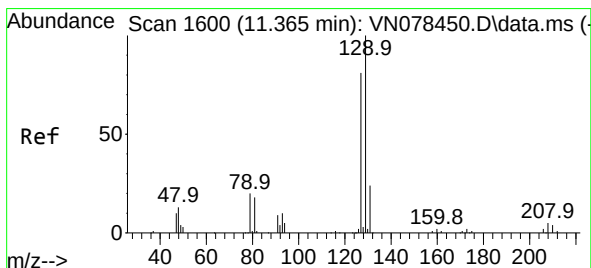
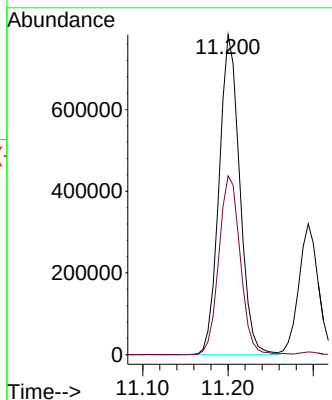
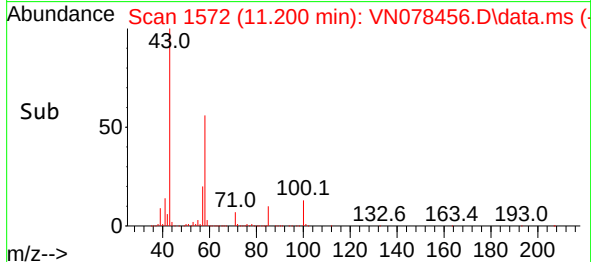
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023



Tgt Ion: 43 Resp: 1317798
Ion Ratio Lower Upper
43 100
58 57.8 31.7 95.1

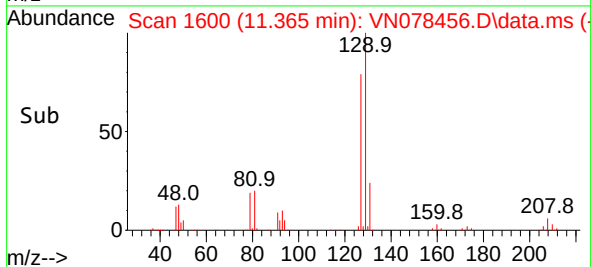
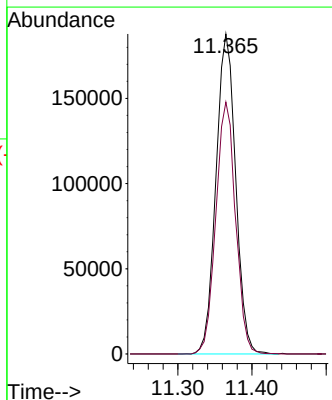
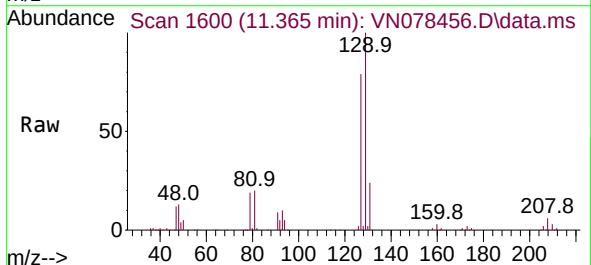
Manual Integrations
APPROVED

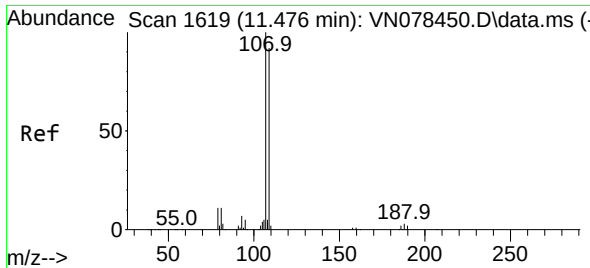
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#60
Dibromochloromethane
Concen: 49.458 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

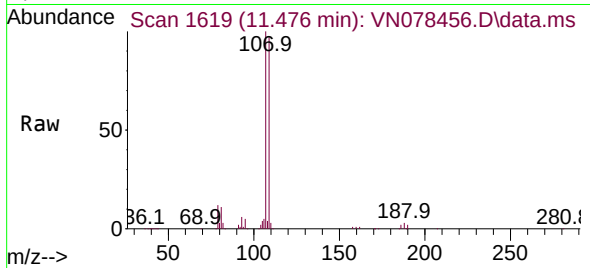
Tgt Ion:129 Resp: 346514
Ion Ratio Lower Upper
129 100
127 78.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.185 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

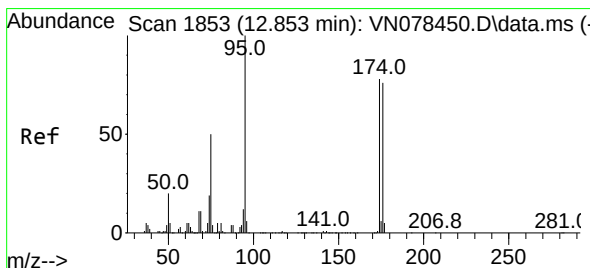
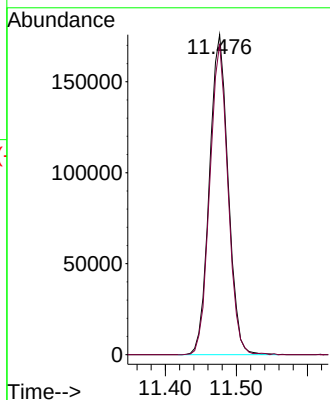
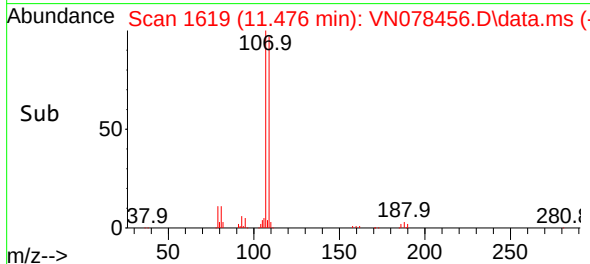
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023



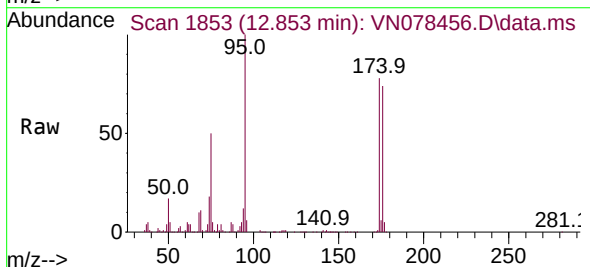
Tgt Ion:107 Resp: 32154
Ion Ratio Lower Upper
107 100
109 94.2 76.6 114.8

Manual Integrations
APPROVED

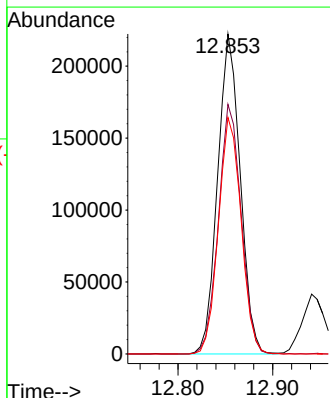
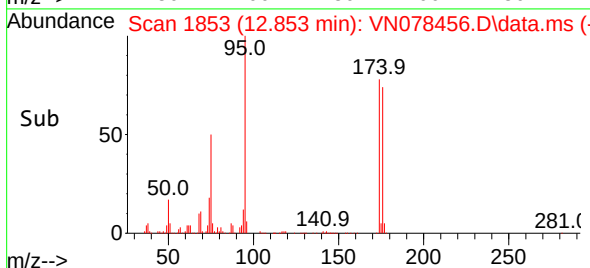
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

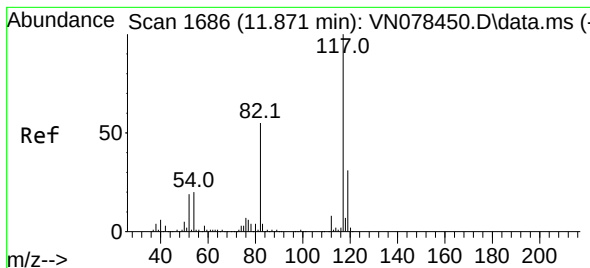


#62
4-Bromofluorobenzene
Concen: 52.132 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03



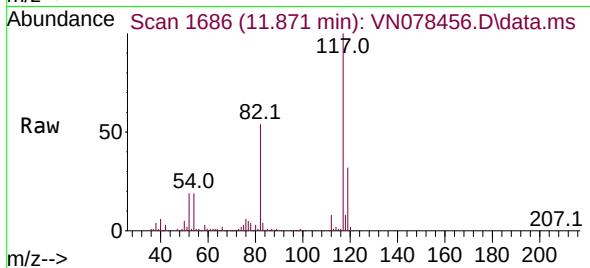
Tgt Ion: 95 Resp: 368551
Ion Ratio Lower Upper
95 100
174 78.5 0.0 143.8
176 74.3 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

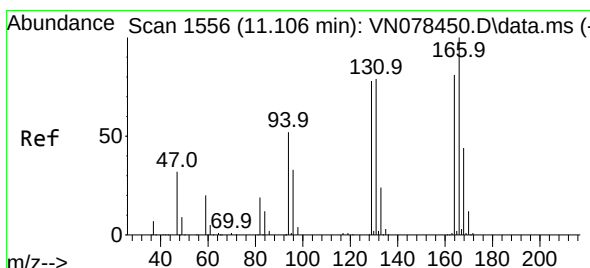
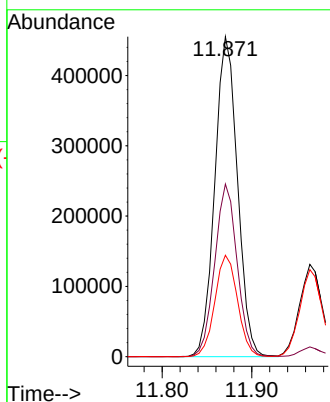
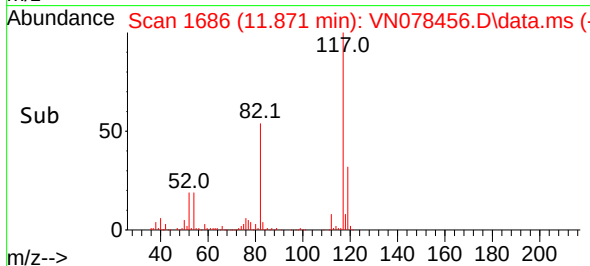
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023



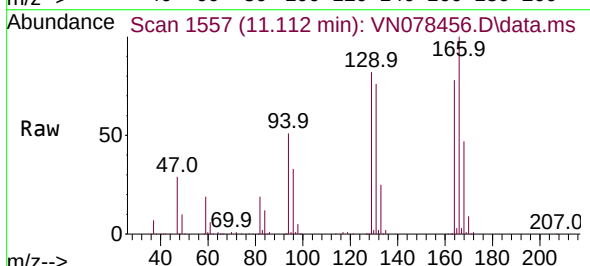
Tgt Ion:117 Resp: 798638
Ion Ratio Lower Upper
117 100
82 54.0 44.0 66.0
119 31.7 25.6 38.4

Manual Integrations
APPROVED

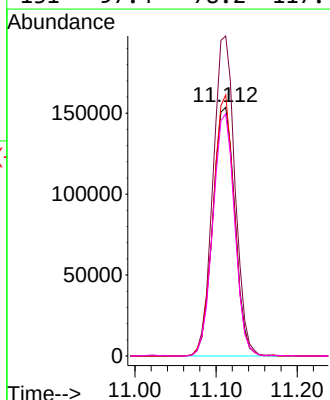
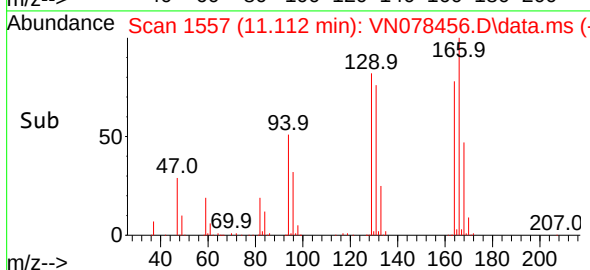
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

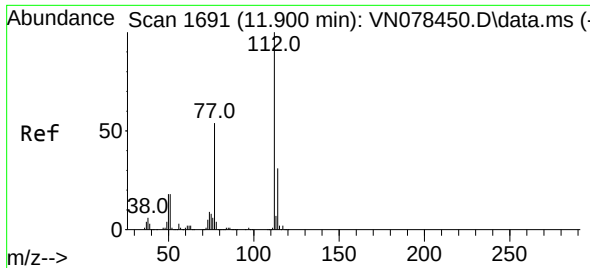


#64
Tetrachloroethene
Concen: 48.545 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03



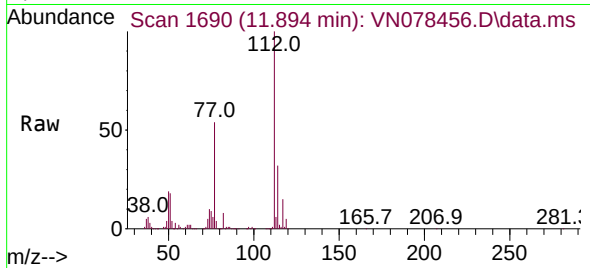
Tgt Ion:164 Resp: 291480
Ion Ratio Lower Upper
164 100
166 128.7 101.4 152.0
129 105.0 82.4 123.6
131 97.4 78.2 117.4





#65
Chlorobenzene
Concen: 48.214 ug/l
RT: 11.894 min Scan# 1691
Delta R.T. -0.006 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

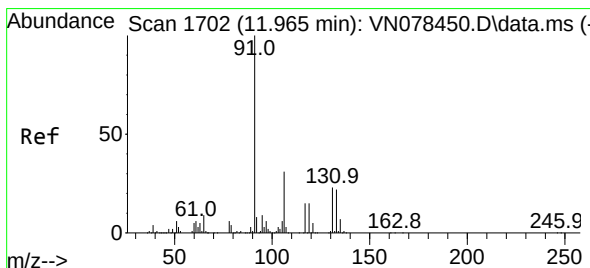
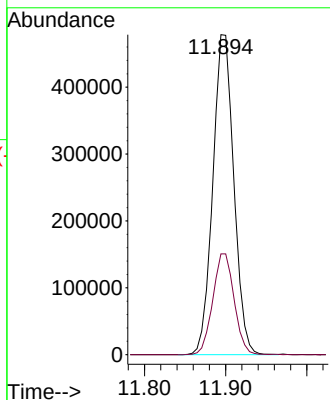
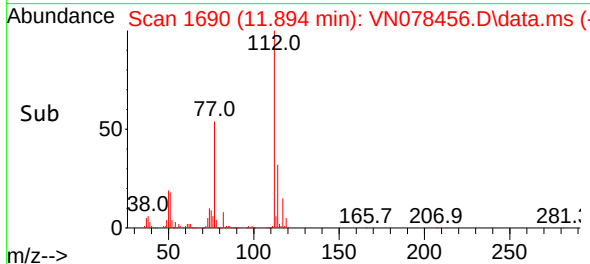
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023



Tgt Ion:112 Resp: 860680
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.4

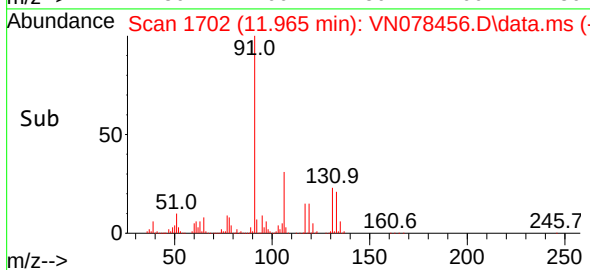
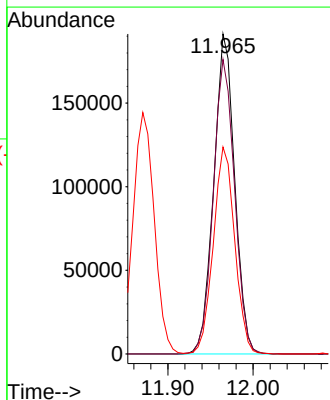
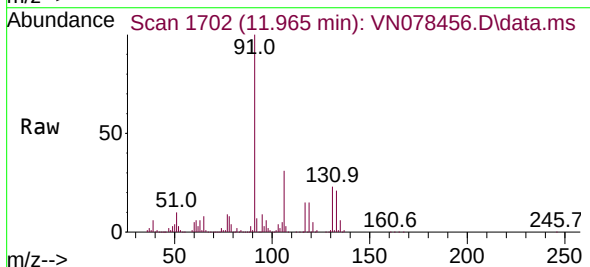
Manual Integrations
APPROVED

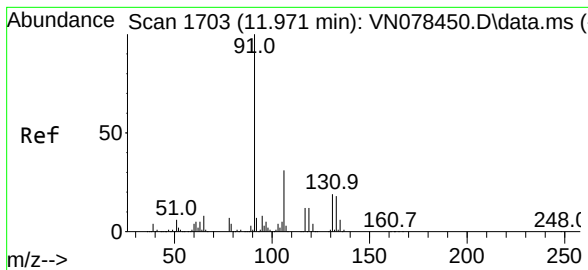
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 47.635 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

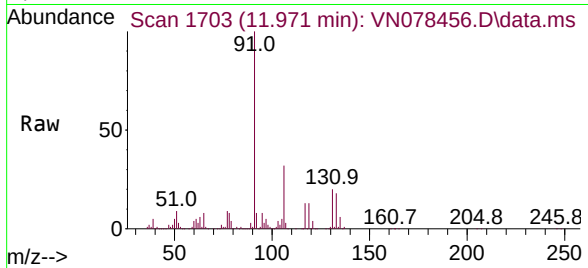
Tgt Ion:131 Resp: 327131
Ion Ratio Lower Upper
131 100
133 93.8 46.4 139.1
119 66.2 34.1 102.2





#67
Ethyl Benzene
Concen: 50.401 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

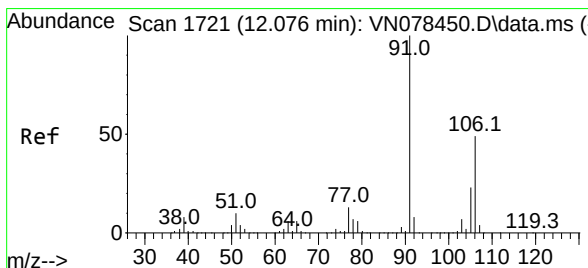
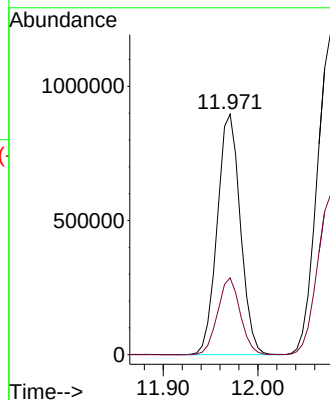
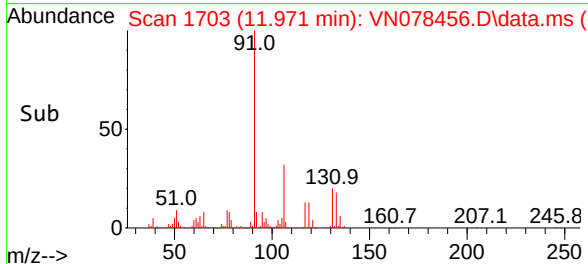
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023



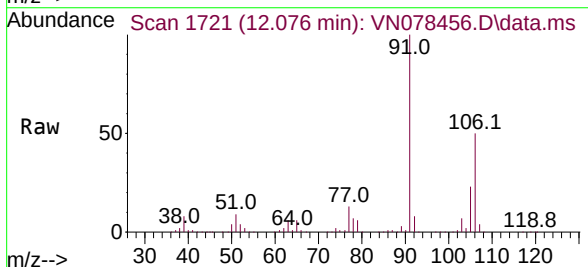
Tgt Ion: 91 Resp: 1520850
Ion Ratio Lower Upper
91 100
106 31.9 25.6 38.4

Manual Integrations
APPROVED

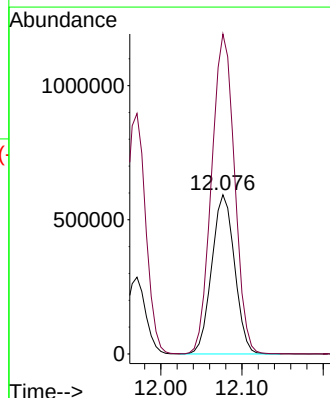
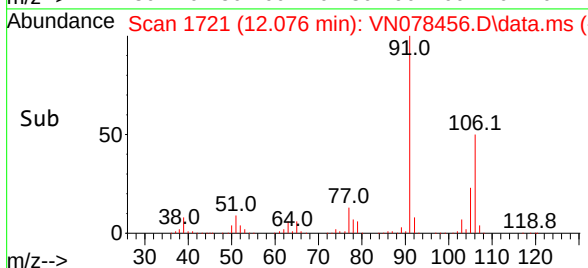
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

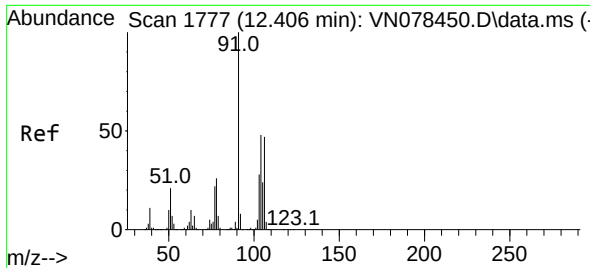


#68
m/p-Xylenes
Concen: 103.800 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03



Tgt Ion:106 Resp: 1158045
Ion Ratio Lower Upper
106 100
91 202.8 159.6 239.4





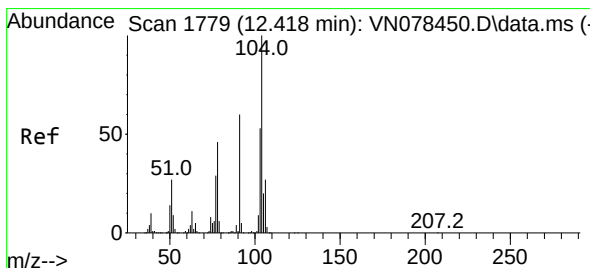
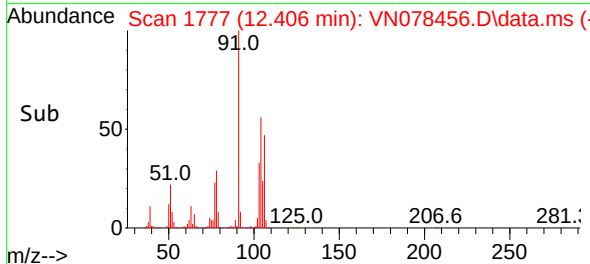
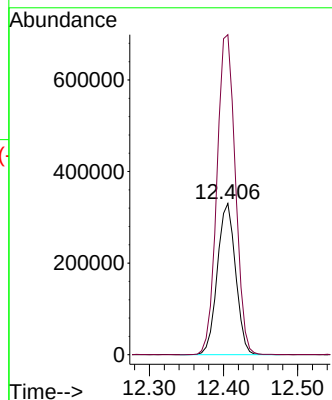
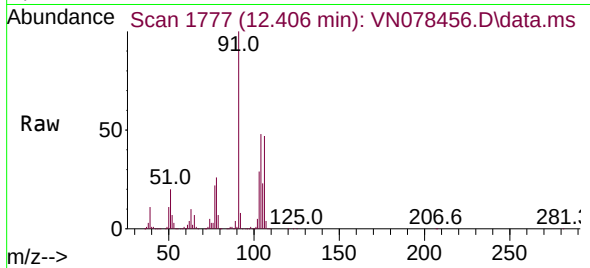
#69
o-Xylene
Concen: 50.103 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023

Tgt Ion:106 Resp: 56459
Ion Ratio Lower Upper
106 100
91 214.1 105.2 315.5

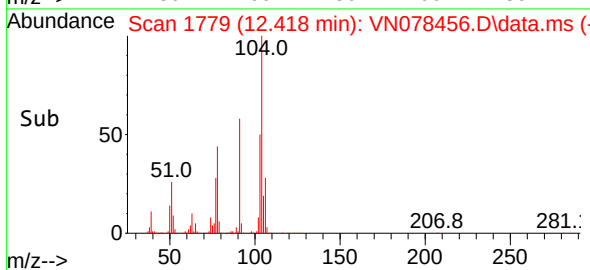
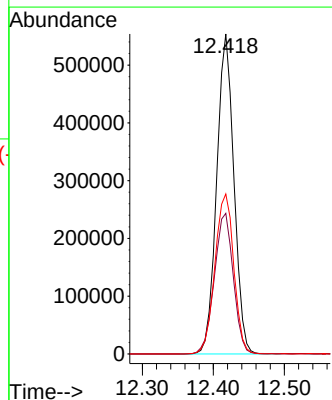
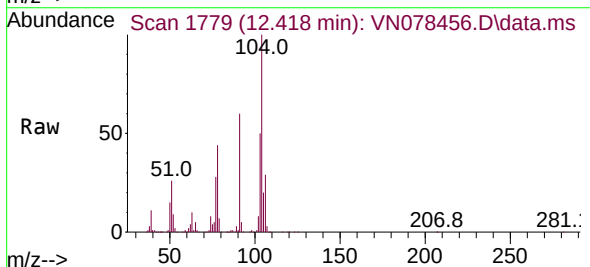
Manual Integrations
APPROVED

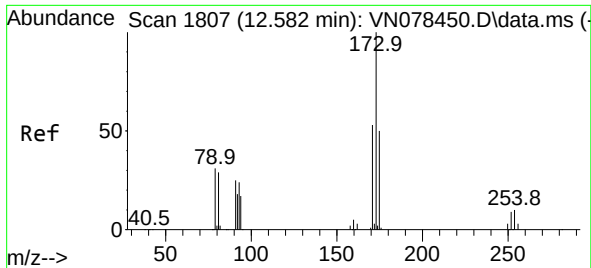
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#70
Styrene
Concen: 52.745 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

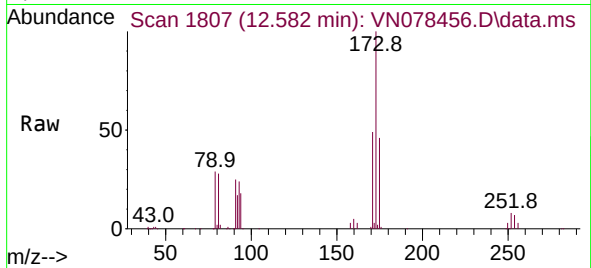
Tgt Ion:104 Resp: 929871
Ion Ratio Lower Upper
104 100
78 48.4 39.5 59.3
103 54.9 43.2 64.8





#71
Bromoform
Concen: 50.180 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

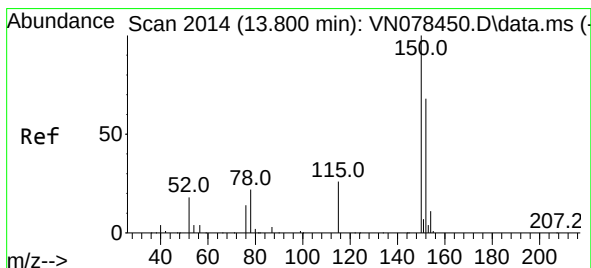
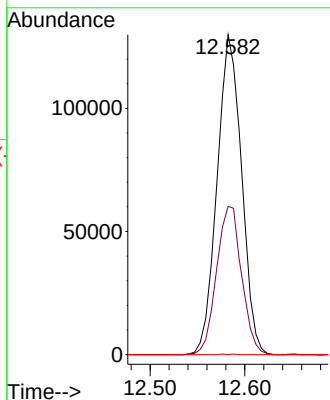
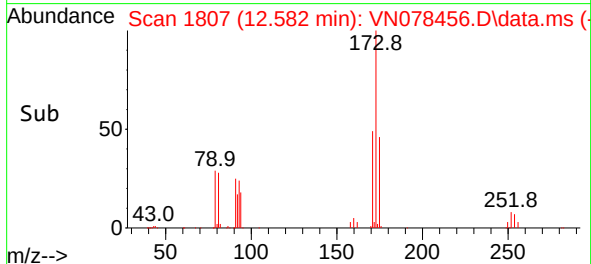
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023



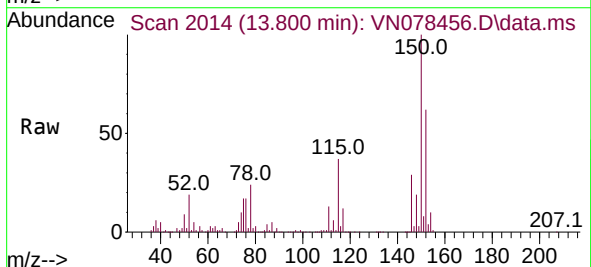
Tgt Ion:173 Resp: 233380
Ion Ratio Lower Upper
173 100
175 47.4 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

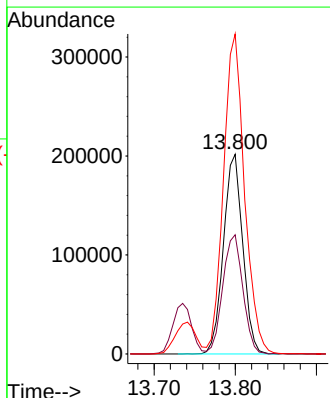
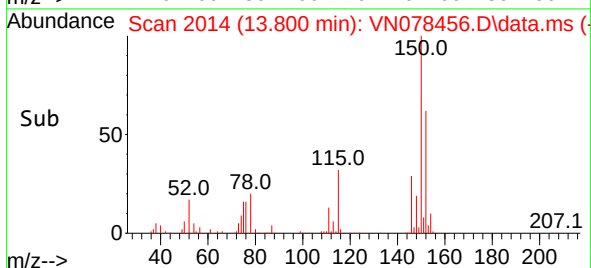
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

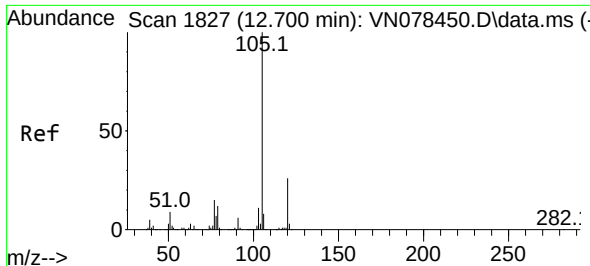


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03



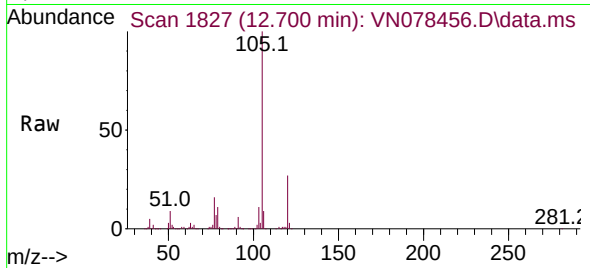
Tgt Ion:152 Resp: 333955
Ion Ratio Lower Upper
152 100
115 61.9 32.3 96.8
150 173.8 0.0 355.8





#73
Isopropylbenzene
Concen: 44.561 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

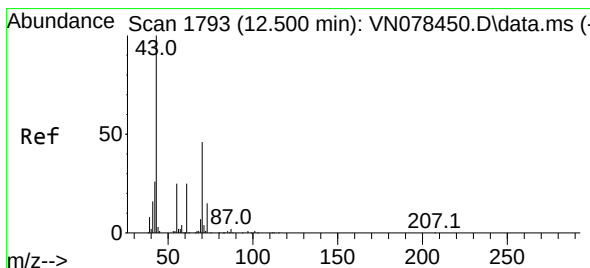
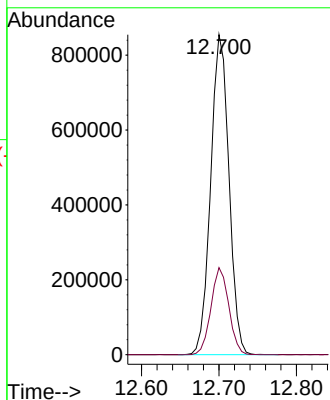
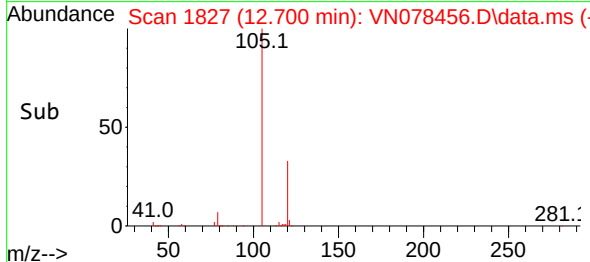
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023



Tgt Ion:105 Resp: 1398310
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1

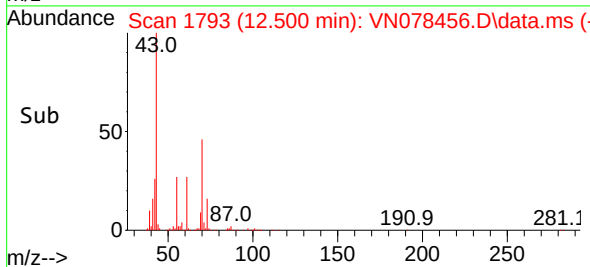
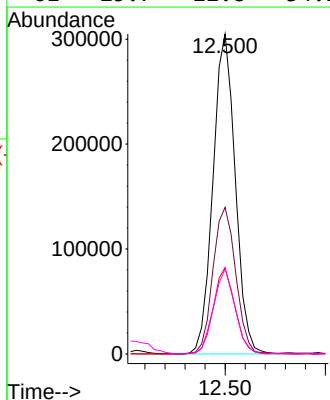
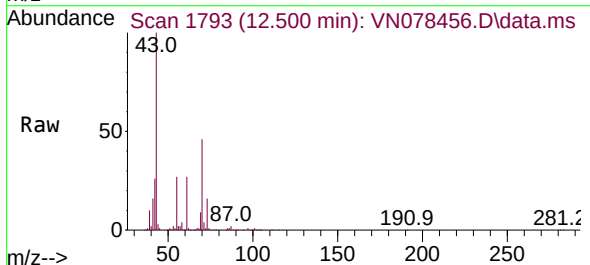
Manual Integrations
APPROVED

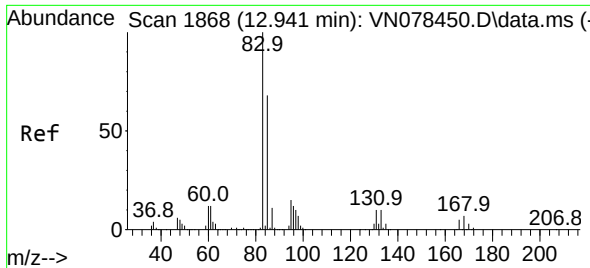
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#74
N-ethyl acetate
Concen: 43.361 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

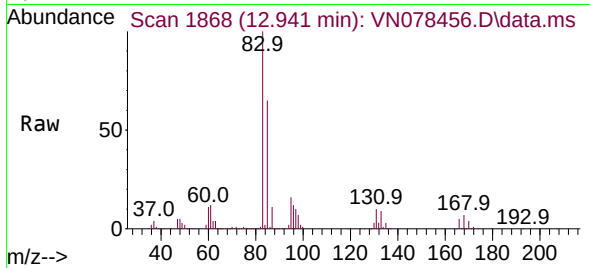
Tgt Ion: 43 Resp: 468909
Ion Ratio Lower Upper
43 100
70 47.0 43.4 65.2
55 26.4 21.4 32.0
61 25.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.159 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

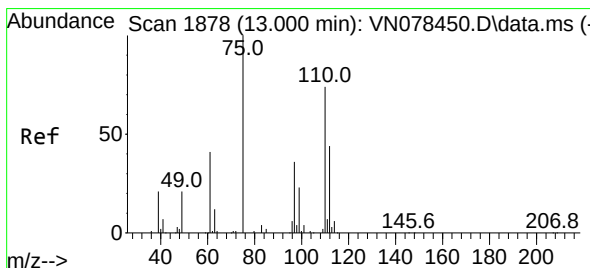
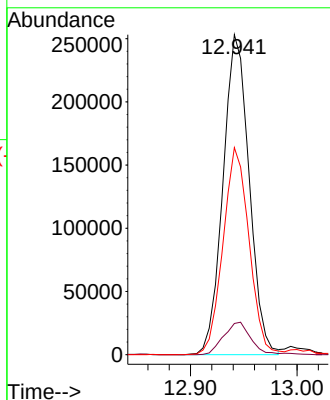
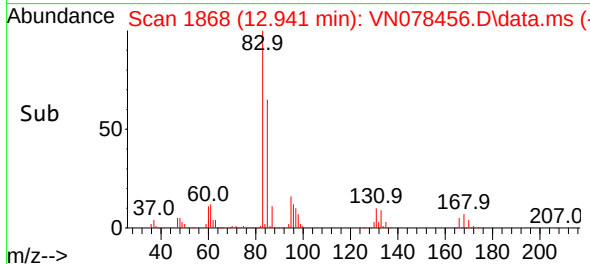
Instrument : MSVOA_N
ClientSampleId : ICVVN071023



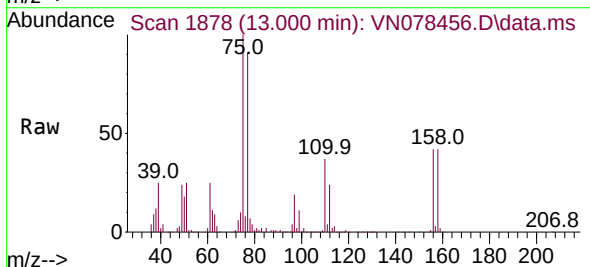
Tgt Ion: 83 Resp: 431310
Ion Ratio Lower Upper
83 100
131 10.7 5.0 15.0
85 64.6 31.9 95.7

Manual Integrations
APPROVED

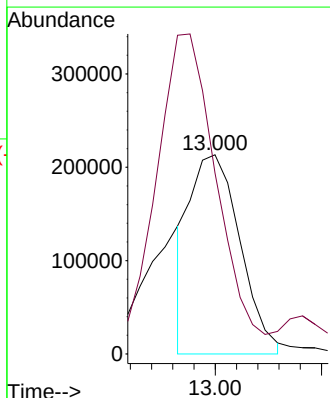
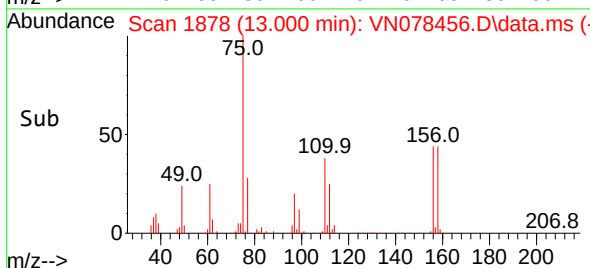
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

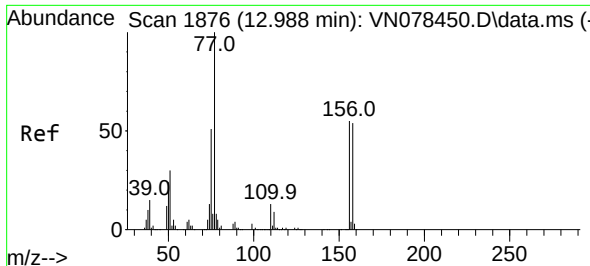


#76
1,2,3-Trichloropropane
Concen: 43.215 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03



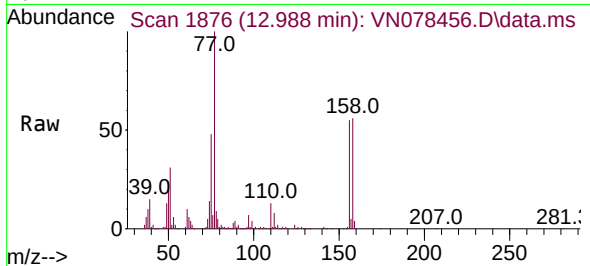
Tgt Ion: 75 Resp: 348837
Ion Ratio Lower Upper
75 100
77 196.8 84.5 253.5





#77
Bromobenzene
Concen: 49.140 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

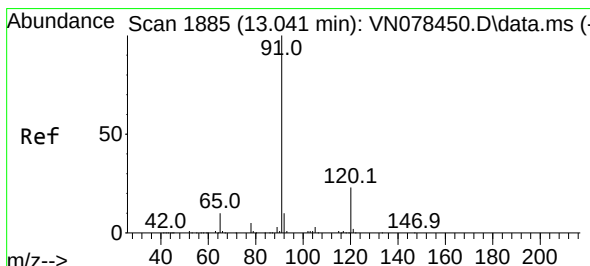
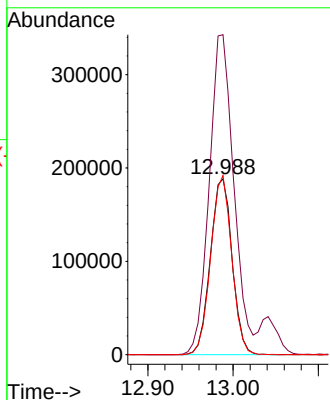
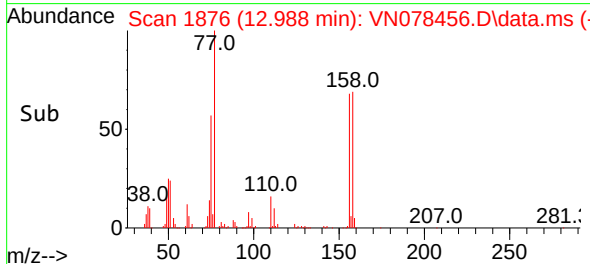
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023



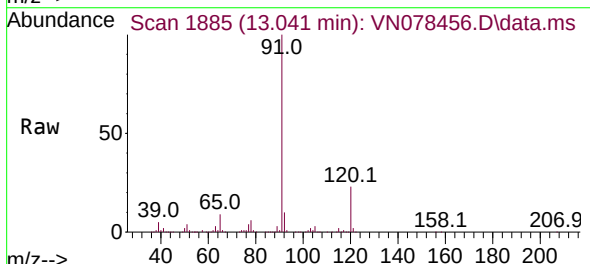
Tgt Ion:156 Resp: 33551
Ion Ratio Lower Upper
156 100
77 204.6 107.7 323.3
158 98.2 48.4 145.3

Manual Integrations
APPROVED

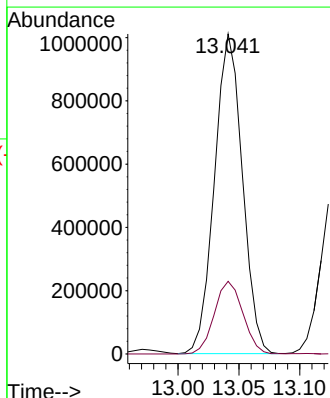
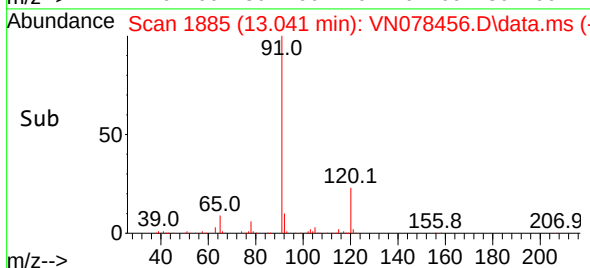
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

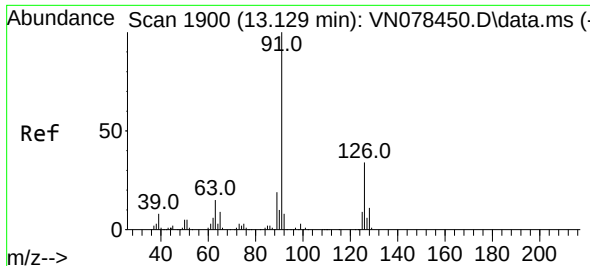


#78
n-propylbenzene
Concen: 47.950 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03



Tgt Ion: 91 Resp: 1609138
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4





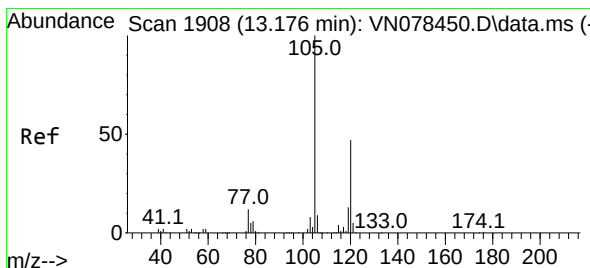
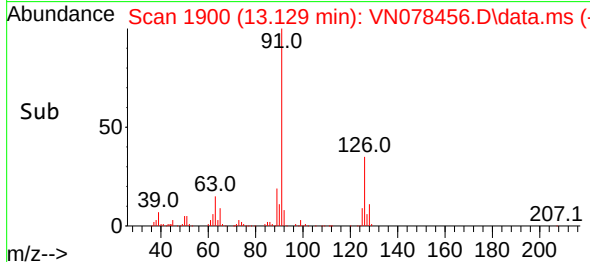
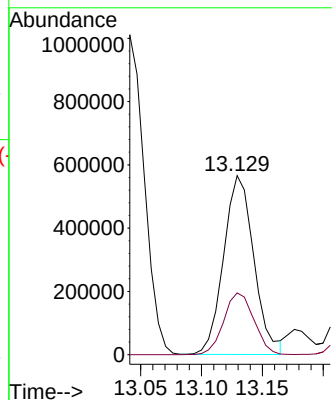
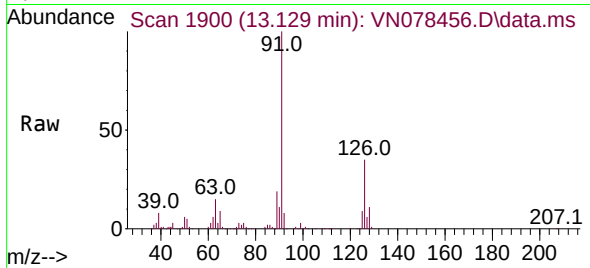
#79
2-Chlorotoluene
Concen: 44.560 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023

Tgt Ion: 91 Resp: 979494
Ion Ratio Lower Upper
91 100
126 34.4 16.3 48.8

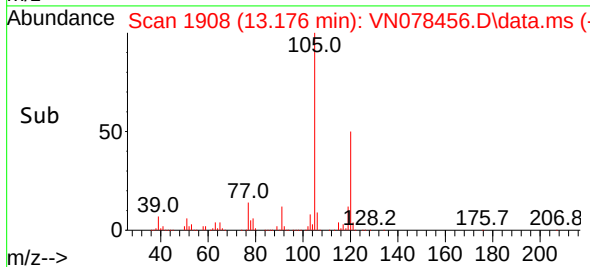
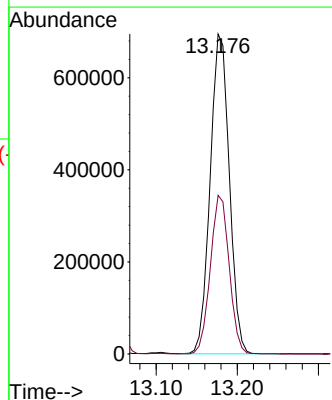
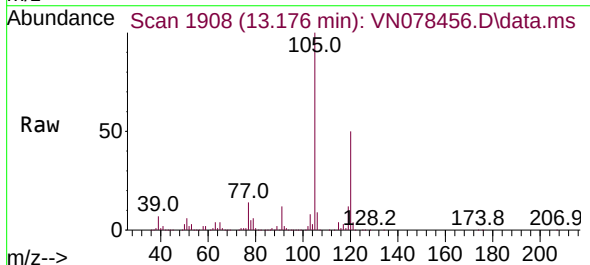
Manual Integrations
APPROVED

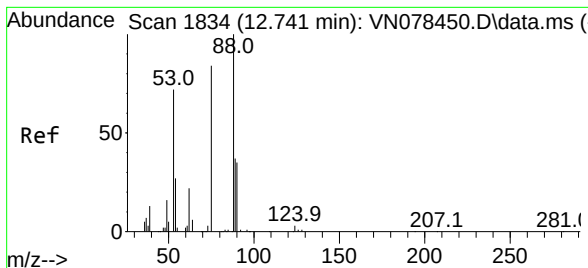
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#80
1,3,5-Trimethylbenzene
Concen: 45.892 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

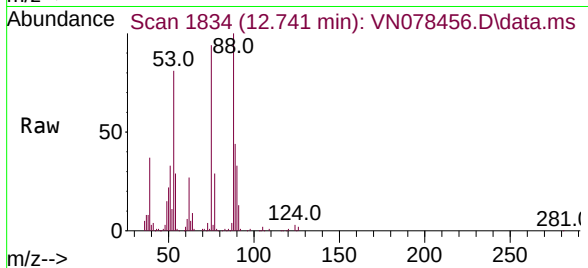
Tgt Ion:105 Resp: 1137852
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 50.823 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

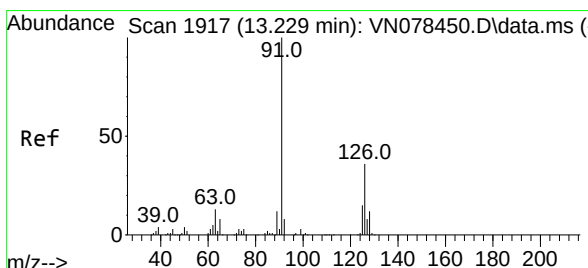
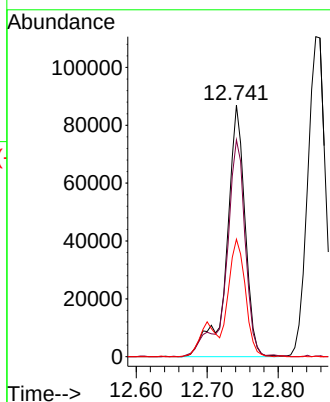
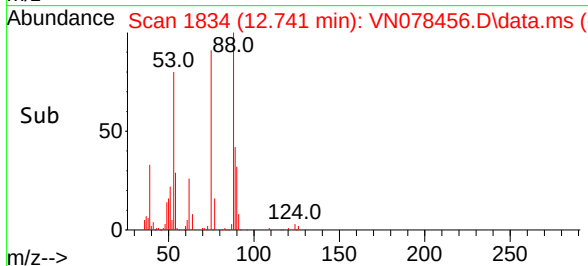
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023



Tgt Ion: 75 Resp: 15611
Ion Ratio Lower Upper
75 100
53 89.5 67.4 101.2
89 42.8 38.8 58.2

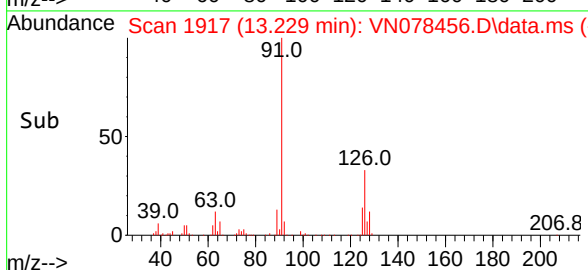
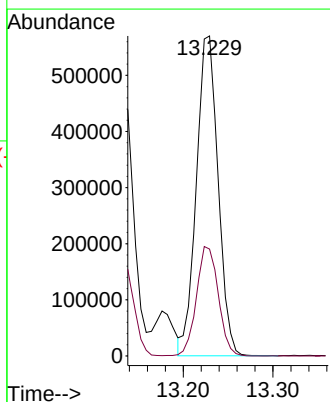
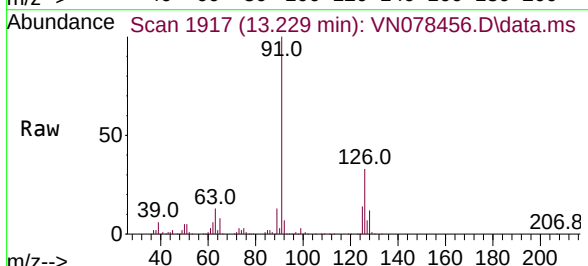
Manual Integrations
APPROVED

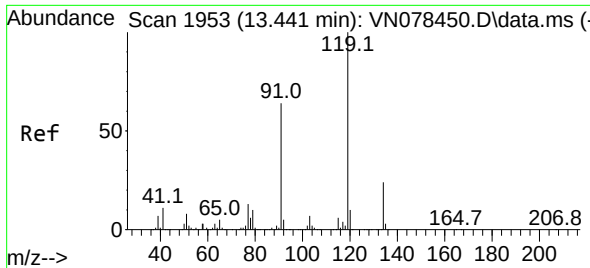
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#82
4-Chlorotoluene
Concen: 46.728 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

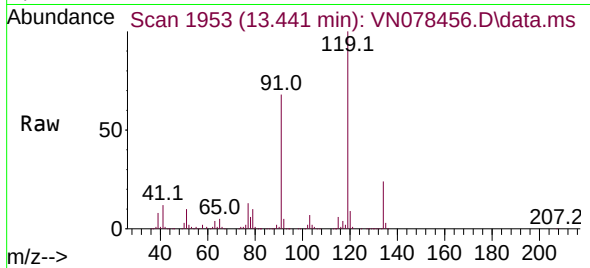
Tgt Ion: 91 Resp: 958209
Ion Ratio Lower Upper
91 100
126 34.4 16.7 50.0





#83
tert-Butylbenzene
Concen: 44.916 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

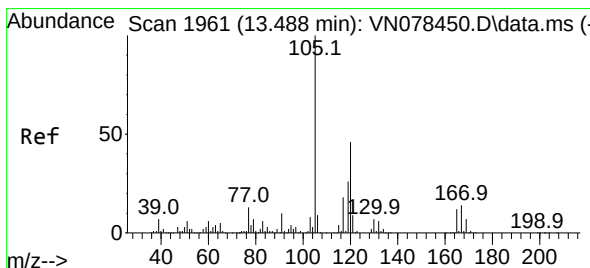
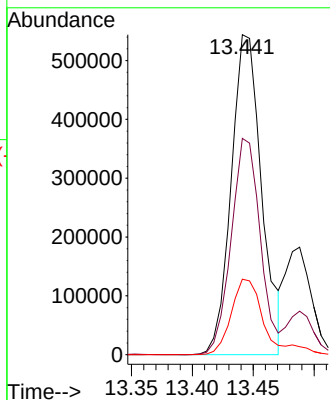
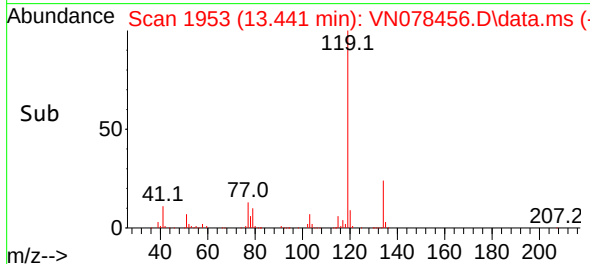
Instrument : MSVOA_N
ClientSampleId : ICVVN071023



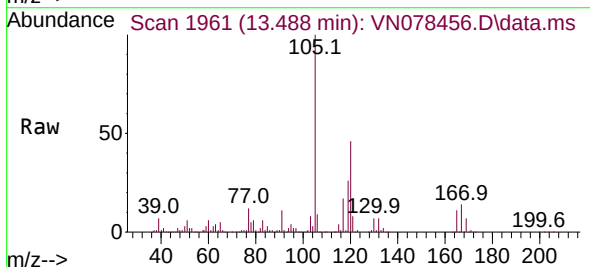
Tgt Ion:119 Resp: 945504
Ion Ratio Lower Upper
119 100
91 64.7 33.9 101.7
134 25.6 13.2 39.6

Manual Integrations
APPROVED

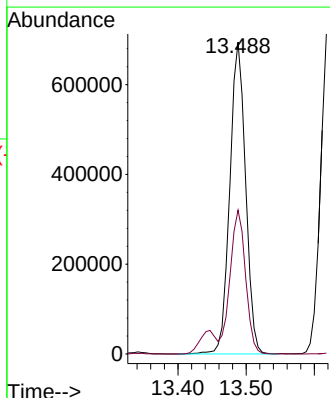
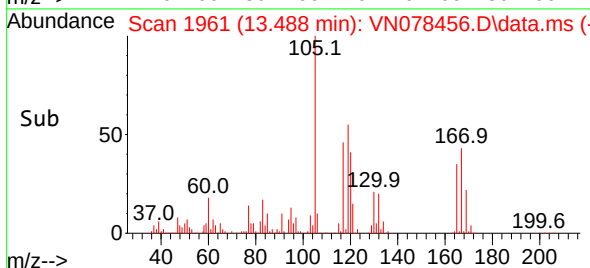
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

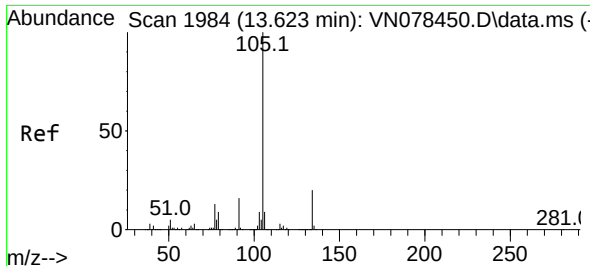


#84
1,2,4-Trimethylbenzene
Concen: 46.502 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03



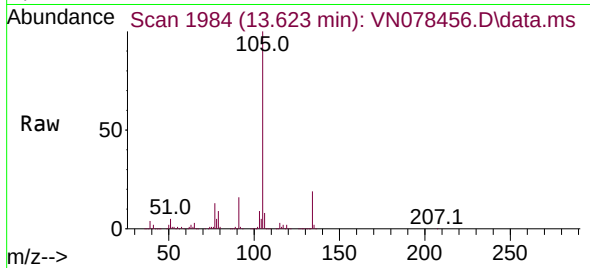
Tgt Ion:105 Resp: 1119919
Ion Ratio Lower Upper
105 100
120 45.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 46.531 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078456.D
 Acq: 10 Jul 2023 16:03

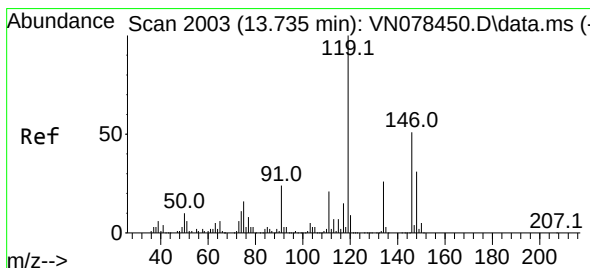
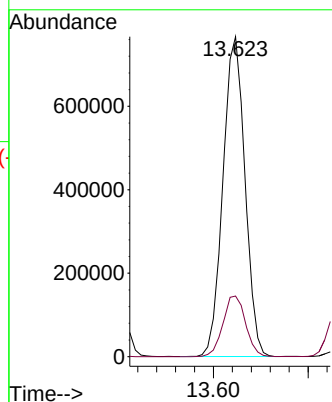
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN071023



Tgt Ion:105 Resp: 123807
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

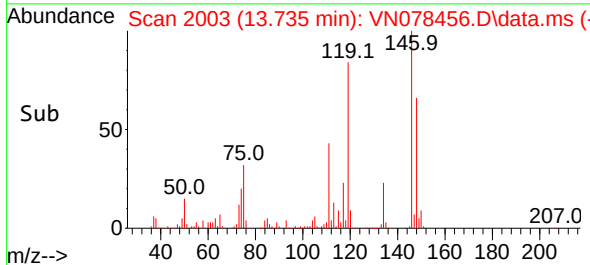
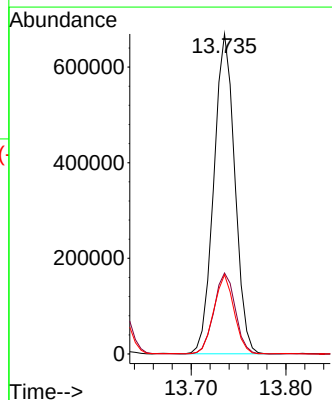
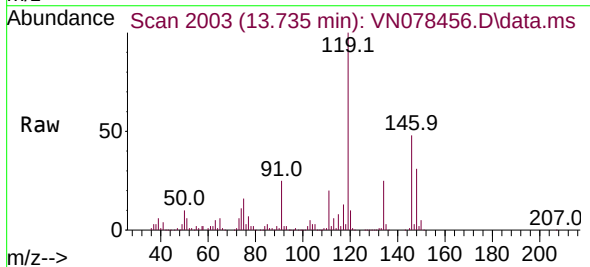
Manual Integrations
 APPROVED

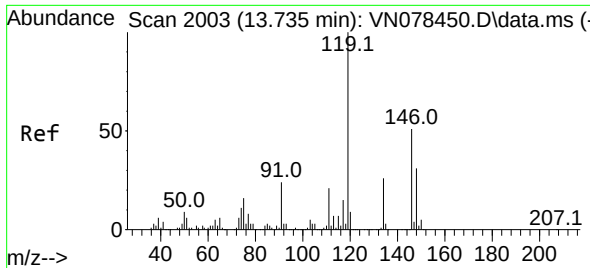
Reviewed By :John Carlone 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#86
 p-Isopropyltoluene
 Concen: 48.103 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078456.D
 Acq: 10 Jul 2023 16:03

Tgt Ion:119 Resp: 1027718
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 23.8 12.4 37.2





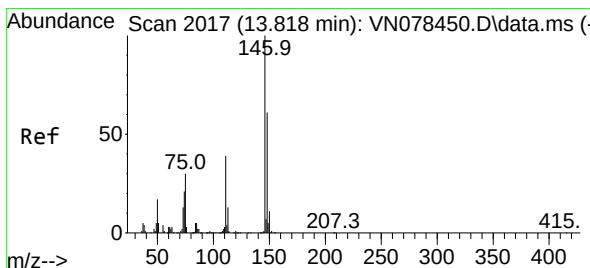
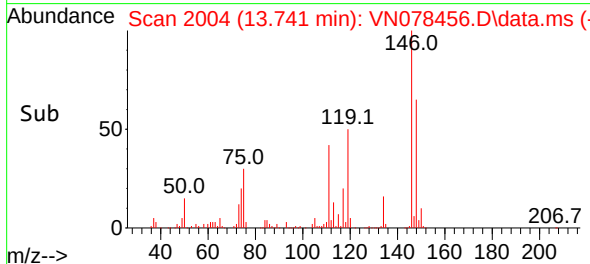
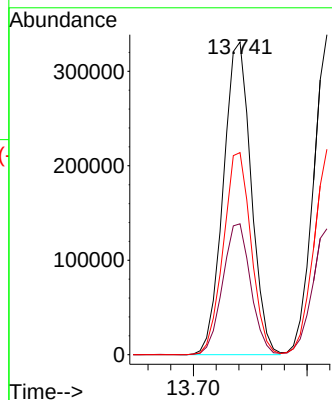
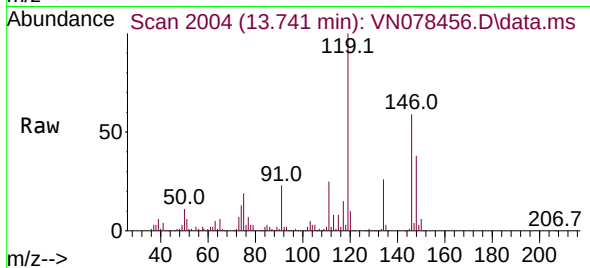
#87
1,3-Dichlorobenzene
Concen: 46.722 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023

Tgt Ion:146 Resp: 562840
Ion Ratio Lower Upper
146 100
111 42.1 22.1 66.3
148 64.5 32.0 96.0

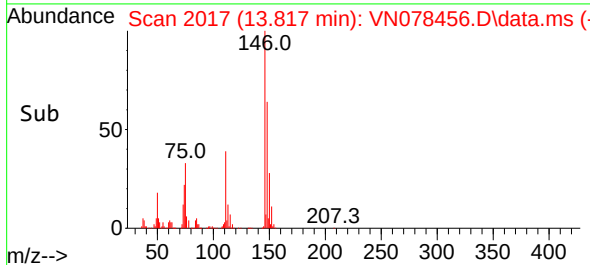
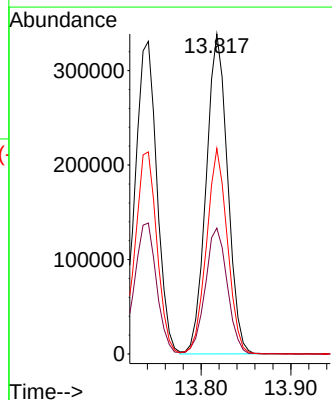
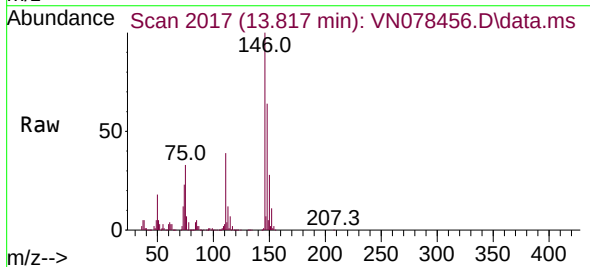
Manual Integrations
APPROVED

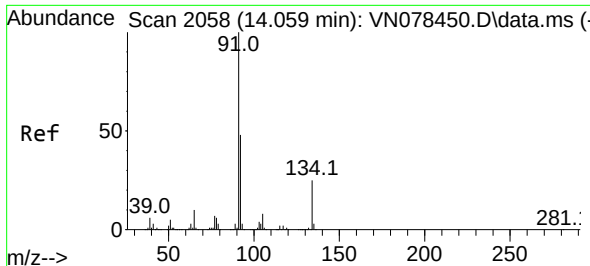
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#88
1,4-Dichlorobenzene
Concen: 46.323 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

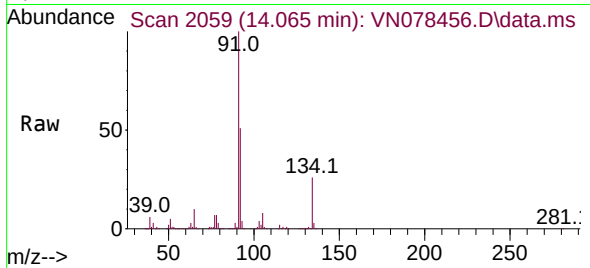
Tgt Ion:146 Resp: 562080
Ion Ratio Lower Upper
146 100
111 40.1 20.6 61.8
148 62.6 31.6 94.8





#89
n-Butylbenzene
Concen: 50.273 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

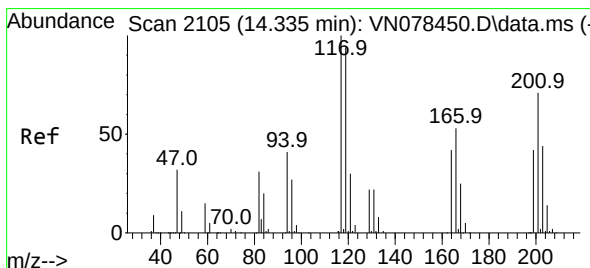
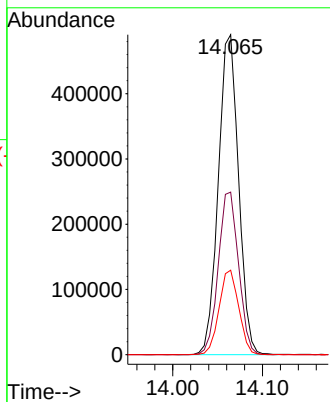
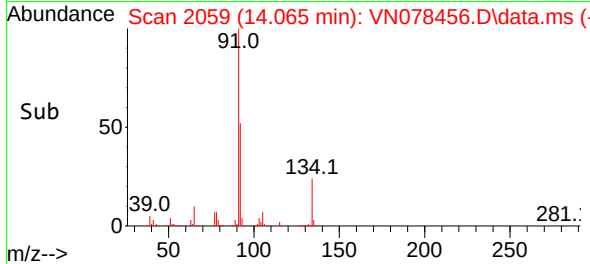
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023



Tgt Ion: 91 Resp: 768508
Ion Ratio Lower Upper
91 100
92 50.9 26.4 79.0
134 25.7 12.6 37.6

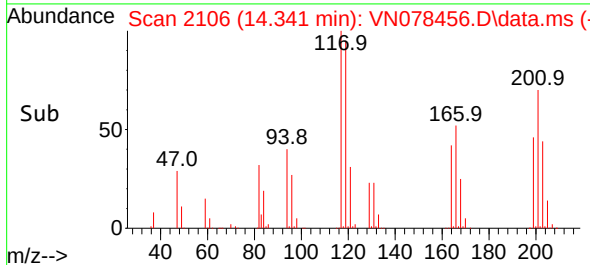
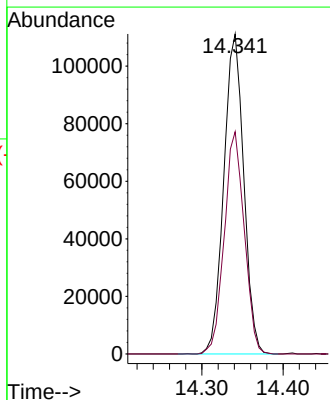
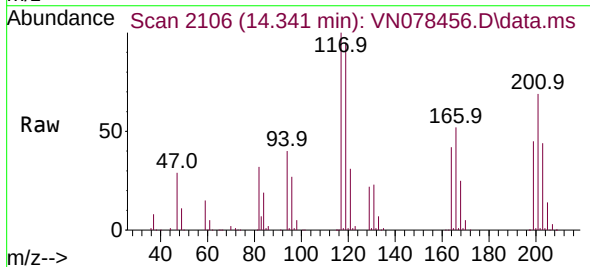
Manual Integrations
APPROVED

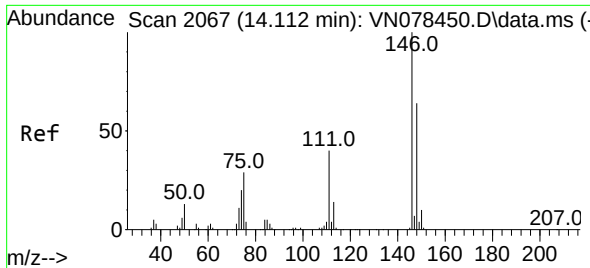
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#90
Hexachloroethane
Concen: 48.320 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

Tgt Ion:117 Resp: 189853
Ion Ratio Lower Upper
117 100
201 69.6 29.3 88.0





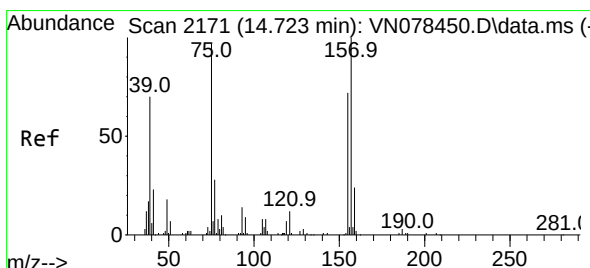
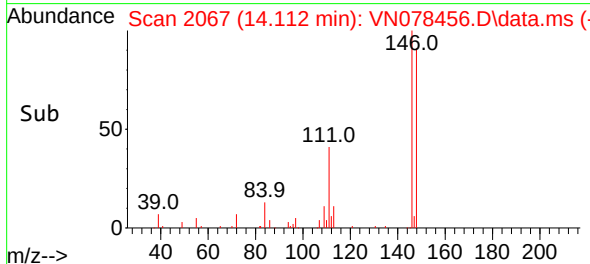
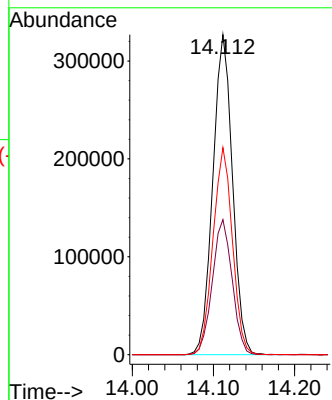
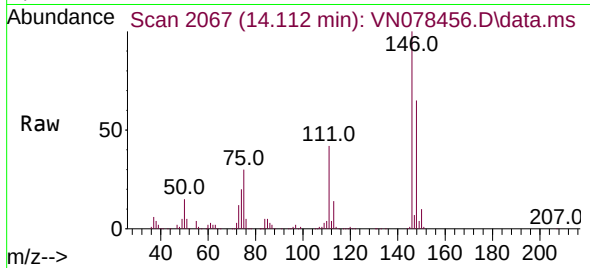
#91
1,2-Dichlorobenzene
Concen: 45.830 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023

Tgt Ion:146 Resp: 549428
Ion Ratio Lower Upper
146 100
111 42.6 22.0 66.0
148 64.0 31.8 95.3

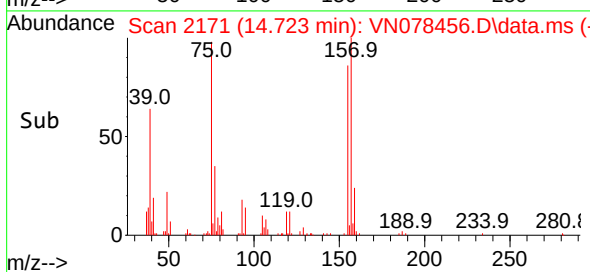
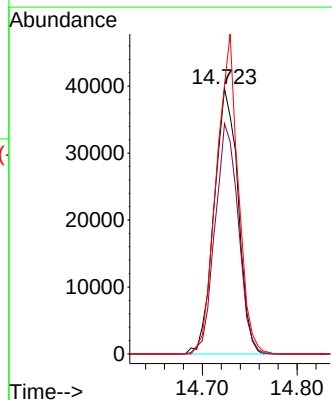
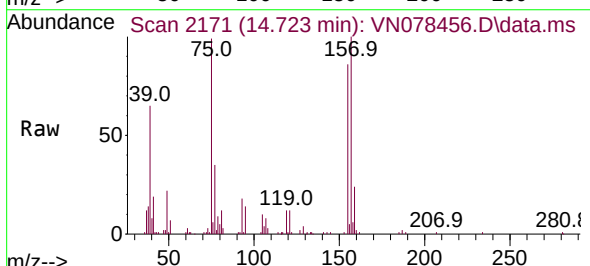
Manual Integrations
APPROVED

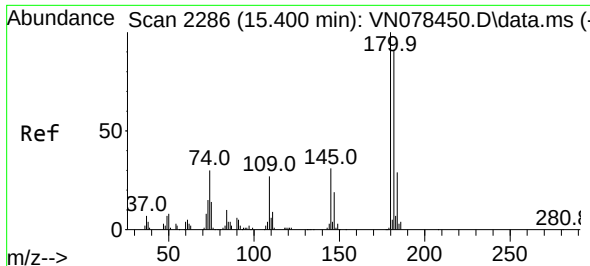
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.010 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

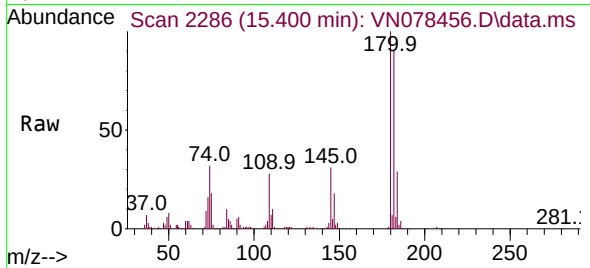
Tgt Ion: 75 Resp: 69349
Ion Ratio Lower Upper
75 100
155 84.6 39.1 117.2
157 110.1 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 48.609 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

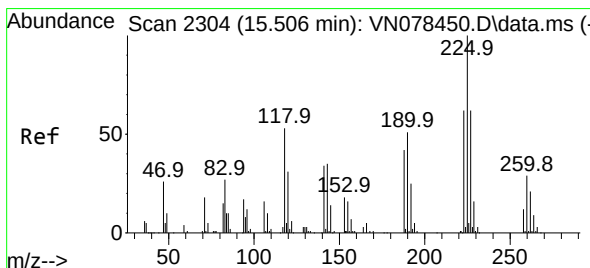
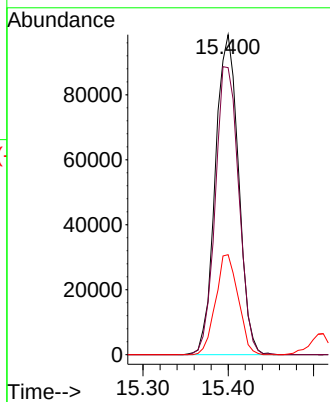
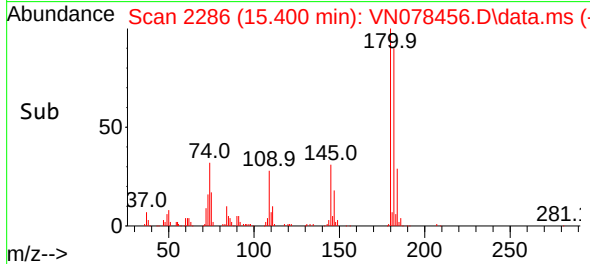
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023



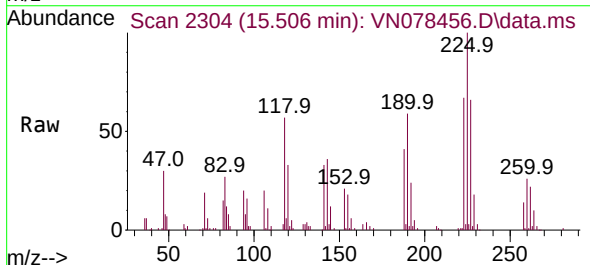
Tgt Ion:180 Resp: 185980
Ion Ratio Lower Upper
180 100
182 91.3 46.1 138.2
145 30.4 16.6 49.8

Manual Integrations
APPROVED

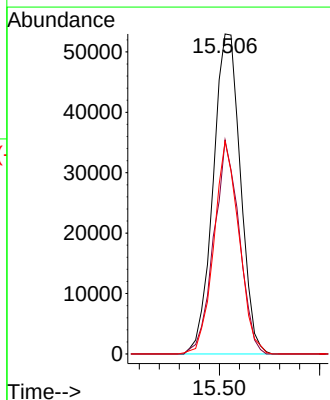
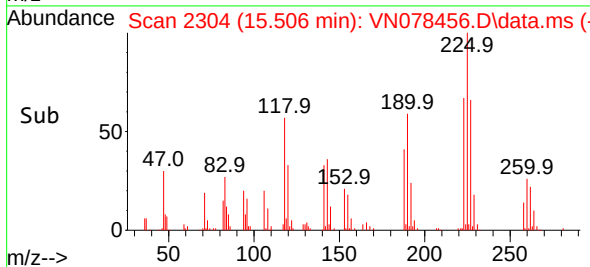
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

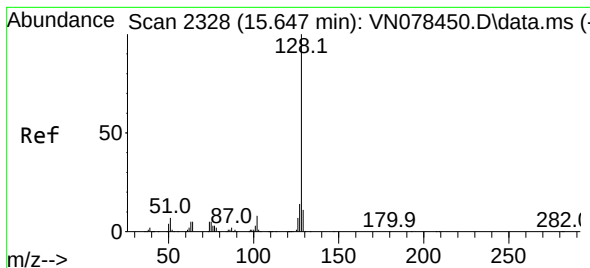


#94
Hexachlorobutadiene
Concen: 50.626 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03



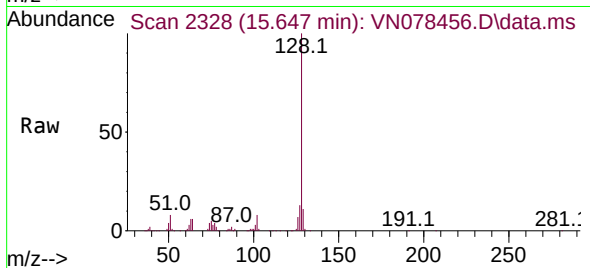
Tgt Ion:225 Resp: 100103
Ion Ratio Lower Upper
225 100
223 62.1 31.3 93.8
227 61.1 31.9 95.9





#95
Naphthalene
Concen: 42.252 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03

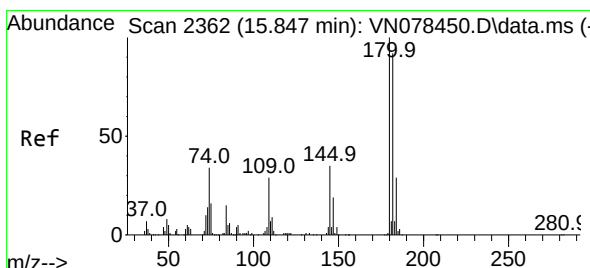
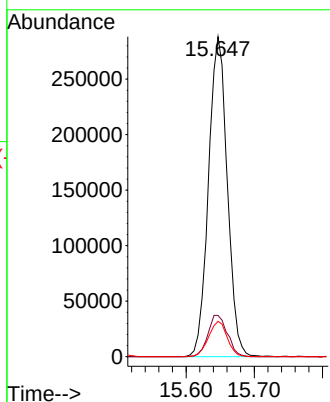
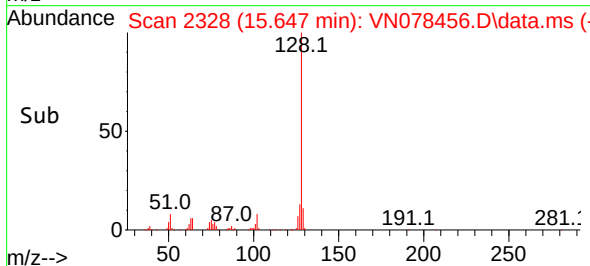
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071023



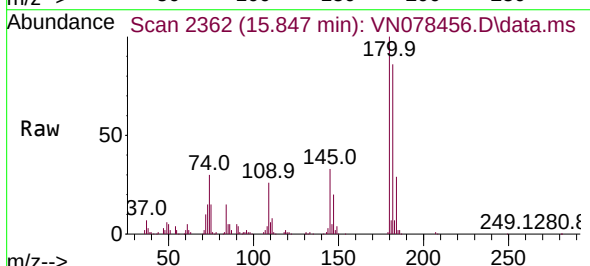
Tgt Ion:128 Resp: 552670
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#96
1,2,3-Trichlorobenzene
Concen: 44.581 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078456.D
Acq: 10 Jul 2023 16:03



Tgt Ion:180 Resp: 196132
Ion Ratio Lower Upper
180 100
182 93.9 46.2 138.6
145 34.1 17.5 52.6

