

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
 Data File : VN072891.D
 Acq On : 16 Jun 2022 20:26
 Operator : JC\MD
 Sample : VN0616WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 17 06:06:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 17 06:04:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	240604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	394692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	399428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	186542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	242368	54.523	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.040%			
35) Dibromofluoromethane	7.951	113	191457	53.401	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.800%			
50) Toluene-d8	10.375	98	720223	51.321	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.640%			
62) 4-Bromofluorobenzene	12.663	95	236381	48.556	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.120%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	69173	20.629	ug/l	99
3) Chloromethane	2.269	50	79905	20.775	ug/l	97
4) Vinyl Chloride	2.405	62	63759	21.607	ug/l	98
5) Bromomethane	2.810	94	32123	27.857	ug/l	89
6) Chloroethane	2.975	64	38432	22.138	ug/l	92
7) Trichlorofluoromethane	3.322	101	112940	20.166	ug/l	97
8) Diethyl Ether	3.769	74	51940	22.013	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.146	101	61634	19.398	ug/l	98
10) Methyl Iodide	4.351	142	78563	19.620	ug/l	99
11) Tert butyl alcohol	5.293	59	120716	104.299	ug/l	99
12) 1,1-Dichloroethene	4.110	96	67940	20.248	ug/l	97
13) Acrolein	3.981	56	34548	98.185	ug/l	97
14) Allyl chloride	4.769	41	139284	20.478	ug/l	95
15) Acrylonitrile	5.475	53	287228	114.359	ug/l	99
16) Acetone	4.228	43	252073	112.346	ug/l	97
17) Carbon Disulfide	4.457	76	179647	19.783	ug/l	98
18) Methyl Acetate	4.781	43	131740	20.597	ug/l	92
19) Methyl tert-butyl Ether	5.540	73	268283	21.854	ug/l	99
20) Methylene Chloride	5.016	84	86909	21.656	ug/l	92
21) trans-1,2-Dichloroethene	5.522	96	73781	20.784	ug/l	96
22) Diisopropyl ether	6.416	45	281007	22.348	ug/l	97
23) Vinyl Acetate	6.351	43	1277664	111.797	ug/l	97
24) 1,1-Dichloroethane	6.304	63	145413	22.088	ug/l #	97
25) 2-Butanone	7.263	43	408422	114.290	ug/l	96
26) 2,2-Dichloropropane	7.251	77	93150	15.664	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	90777	21.095	ug/l	98
28) Bromochloromethane	7.581	49	55339	19.618	ug/l	91
29) Tetrahydrofuran	7.616	42	269530	113.768	ug/l	90
30) Chloroform	7.745	83	145023	21.348	ug/l	99
31) Cyclohexane	8.022	56	111246	18.666	ug/l	95
32) 1,1,1-Trichloroethane	7.939	97	127117	21.130	ug/l	98
36) 1,1-Dichloropropene	8.145	75	98107	20.037	ug/l	99
37) Ethyl Acetate	7.339	43	154849	21.852	ug/l	97
38) Carbon Tetrachloride	8.134	117	102727	19.487	ug/l	93
39) Methylcyclohexane	9.392	83	109166	17.963	ug/l	95
40) Benzene	8.386	78	330799	21.204	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	74551	20.208	ug/l	88
42) 1,2-Dichloroethane	8.463	62	121349	21.572	ug/l	99
43) Isopropyl Acetate	8.492	43	244076	22.130	ug/l	94
44) Trichloroethene	9.145	130	82709	19.830	ug/l	92
45) 1,2-Dichloropropane	9.422	63	84276	21.409	ug/l	100
46) Dibromomethane	9.510	93	58925	21.570	ug/l	95
47) Bromodichloromethane	9.698	83	116189	20.997	ug/l	99
48) Methyl methacrylate	9.492	41	108291	21.497	ug/l	93
49) 1,4-Dioxane	9.504	88	45059	422.268	ug/l #	92
51) 4-Methyl-2-Pentanone	10.269	43	783762	109.856	ug/l	92
52) Toluene	10.439	92	211682	20.967	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	125890	19.968	ug/l	96
54) cis-1,3-Dichloropropene	10.122	75	134001	20.472	ug/l	91
55) 1,1,2-Trichloroethane	10.833	97	86273	21.166	ug/l	98
56) Ethyl methacrylate	10.698	69	147520	21.313	ug/l	90
57) 1,3-Dichloropropane	10.980	76	147410	21.193	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.975	63	262867	107.436	ug/l	98
59) 2-Hexanone	11.022	43	578755	109.246	ug/l	91
60) Dibromochloromethane	11.175	129	90092	20.602	ug/l	99
61) 1,2-Dibromoethane	11.280	107	90864	20.484	ug/l	97
64) Tetrachloroethene	10.910	164	76220	19.875	ug/l	98
65) Chlorobenzene	11.704	112	211840	20.128	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.774	131	84741	20.826	ug/l	99
67) Ethyl Benzene	11.780	91	374479	20.133	ug/l	99
68) m/p-Xylenes	11.886	106	284101	39.780	ug/l	99
69) o-Xylene	12.216	106	147248	20.096	ug/l	100
70) Styrene	12.233	104	226266	19.950	ug/l	99
71) Bromoform	12.392	173	67203	20.440	ug/l #	99
73) Isopropylbenzene	12.516	105	355595	19.989	ug/l	100
74) N-amyl acetate	12.327	43	168043	21.969	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.763	83	127552	21.928	ug/l	100
76) 1,2,3-Trichloropropane	12.816	75	114812m	20.706	ug/l	
77) Bromobenzene	12.792	156	85955	20.675	ug/l	94
78) n-propylbenzene	12.857	91	364587	19.651	ug/l	100
79) 2-Chlorotoluene	12.939	91	239441	19.864	ug/l	100
80) 1,3,5-Trimethylbenzene	12.992	105	280893	19.703	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.563	75	35475	18.223	ug/l	92
82) 4-Chlorotoluene	13.039	91	222886	19.999	ug/l	99
83) tert-Butylbenzene	13.257	119	242953	19.039	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	278813	20.343	ug/l	98
85) sec-Butylbenzene	13.433	105	322406	19.489	ug/l	100
86) p-Isopropyltoluene	13.551	119	259173	19.411	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	135783	20.042	ug/l	100
88) 1,4-Dichlorobenzene	13.627	146	135136	19.780	ug/l	98
89) n-Butylbenzene	13.874	91	193348	18.840	ug/l	99
90) Hexachloroethane	14.145	117	52582	18.215	ug/l	91
91) 1,2-Dichlorobenzene	13.921	146	141582	20.671	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.533	75	27535	21.560	ug/l	96
93) 1,2,4-Trichlorobenzene	15.192	180	70484	20.592	ug/l	98
94) Hexachlorobutadiene	15.292	225	29342	17.318	ug/l	98
95) Naphthalene	15.427	128	264732	22.399	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	72445	21.313	ug/l	98

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Jun 17 06:04:26 2022
Response via : Initial Calibration

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

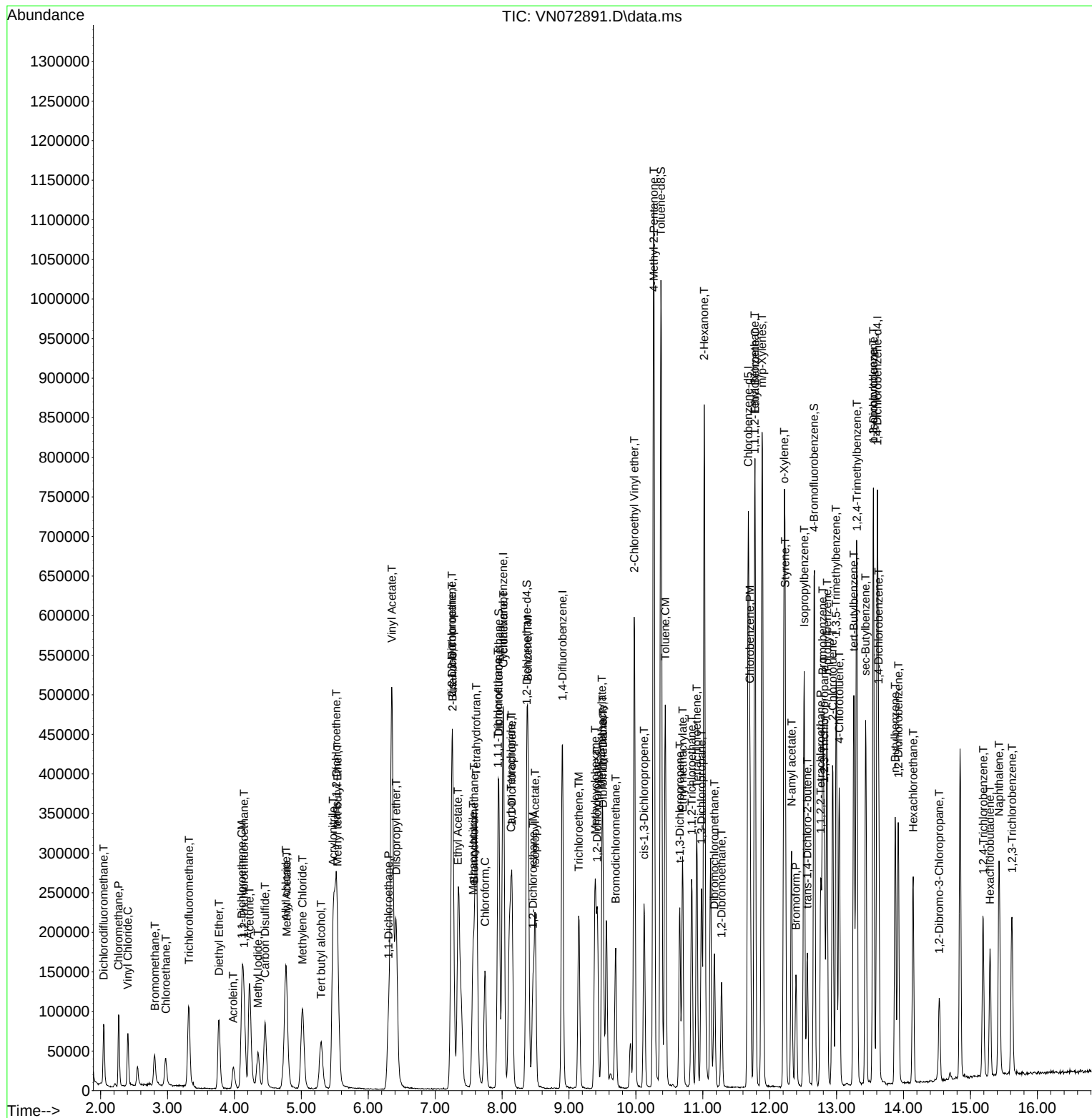
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 ALS Vial : 1 Sample Multiplier: 1

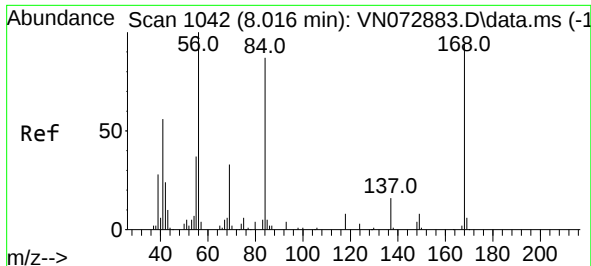
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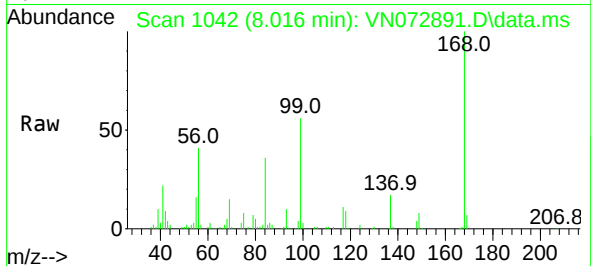
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

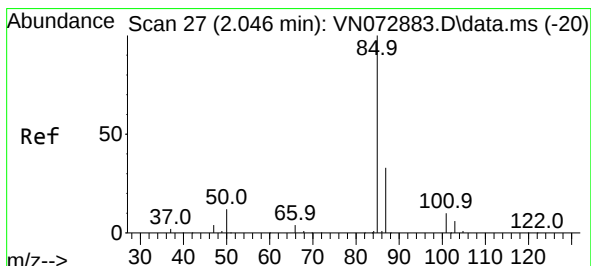
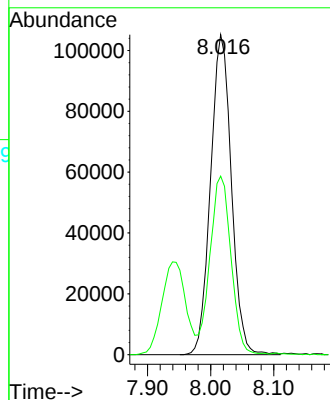
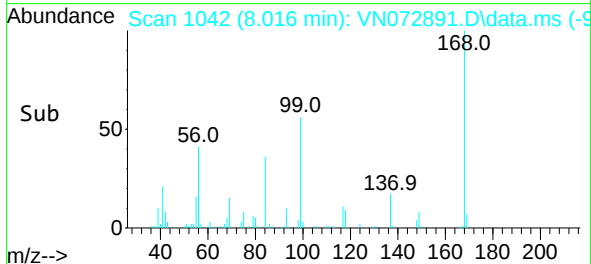
Instrument :
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Tgt Ion:168 Resp: 240604
Ion Ratio Lower Upper
168 100
99 55.6 42.3 63.5

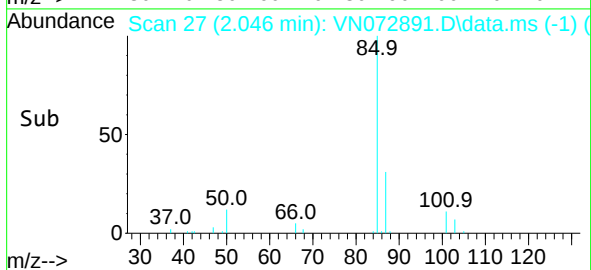
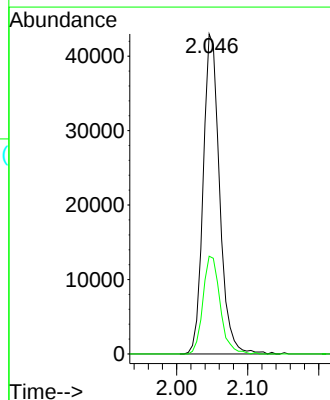
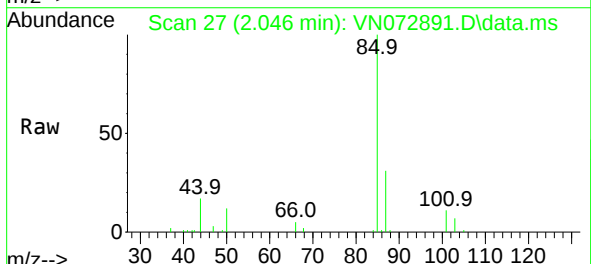
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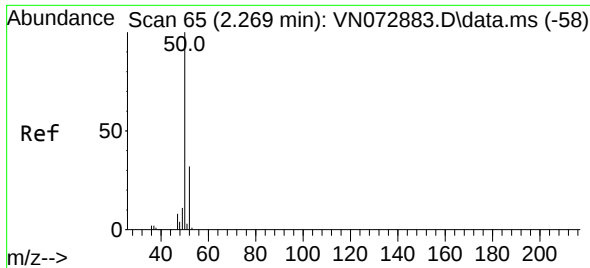
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#2
Dichlorodifluoromethane
Concen: 20.629 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

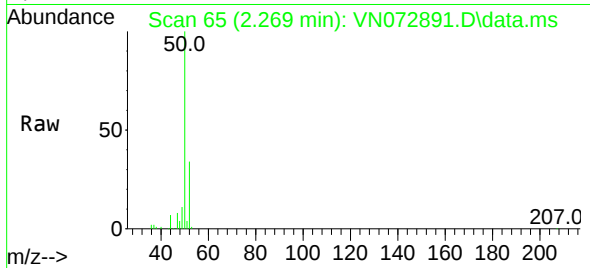
Tgt Ion: 85 Resp: 69173
Ion Ratio Lower Upper
85 100
87 30.6 15.7 47.1





#3
Chloromethane
Concen: 20.775 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

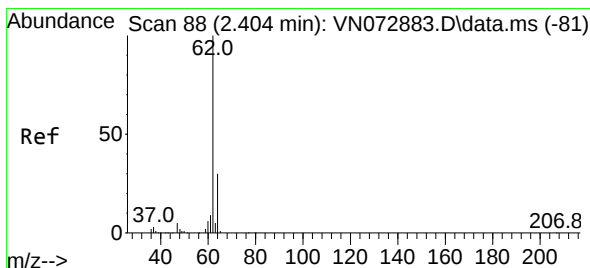
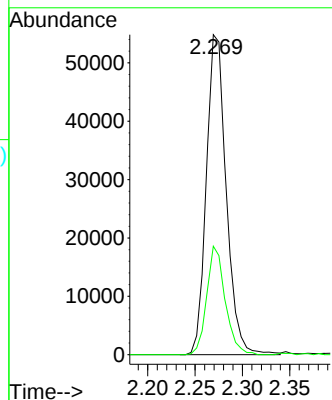
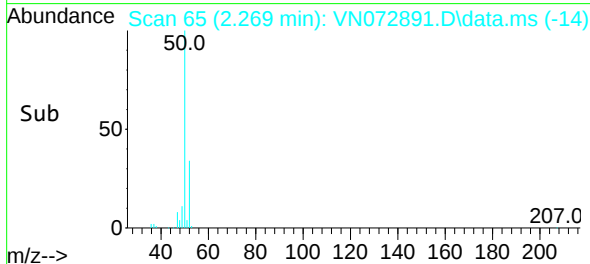
Instrument :
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ClientSampleId :
VN0616WBSD01



Tgt Ion: 50 Resp: 7990
Ion Ratio Lower Upper
50 100
52 33.9 25.7 38.5

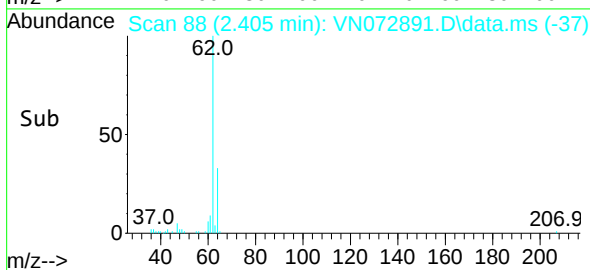
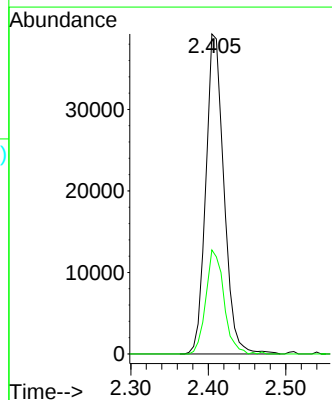
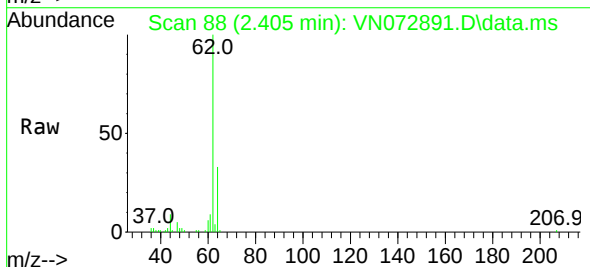
Manual Integrations
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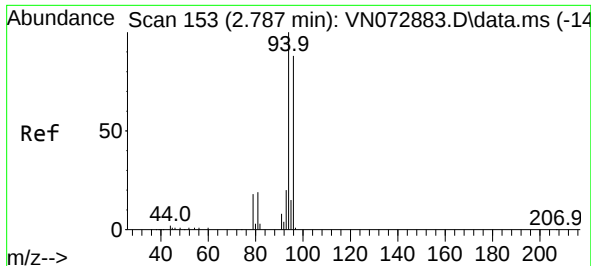
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#4
Vinyl Chloride
Concen: 21.607 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

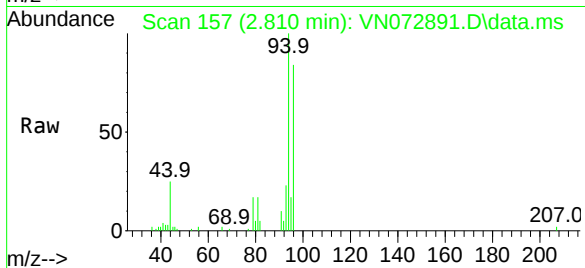
Tgt Ion: 62 Resp: 63759
Ion Ratio Lower Upper
62 100
64 32.5 25.0 37.4





#5
Bromomethane
Concen: 27.857 ug/l
RT: 2.810 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

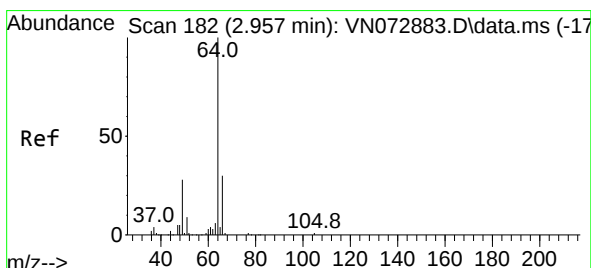
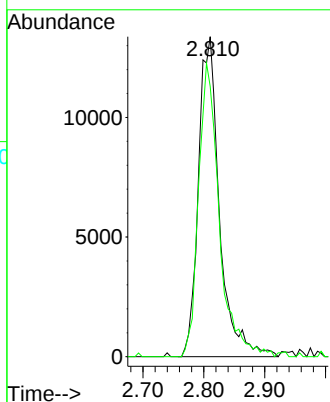
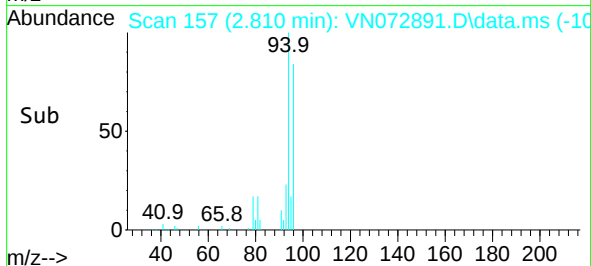
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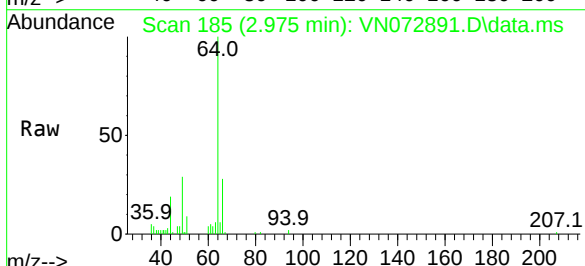
Tgt Ion: 94 Resp: 3212
Ion Ratio Lower Upper
94 100
96 84.4 76.0 114.0

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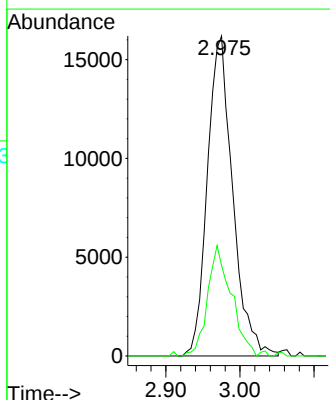
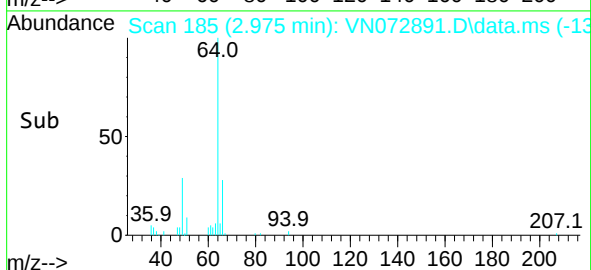
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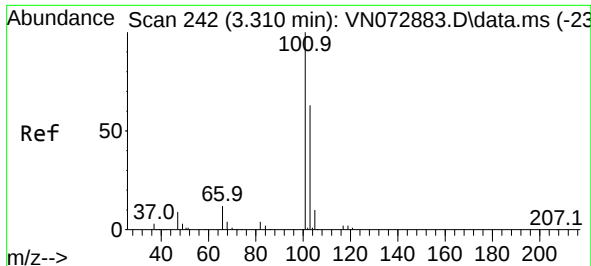


#6
Chloroethane
Concen: 22.138 ug/l
RT: 2.975 min Scan# 185
Delta R.T. 0.018 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26



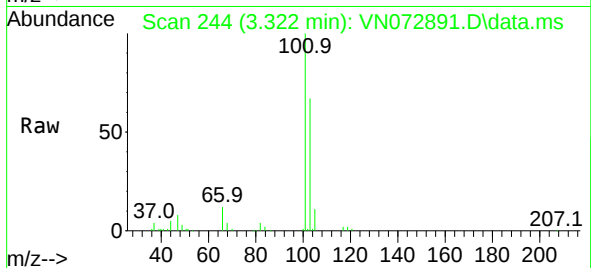
Tgt Ion: 64 Resp: 38432
Ion Ratio Lower Upper
64 100
66 28.3 26.2 39.4





#7
Trichlorofluoromethane
Concen: 20.166 ug/l
RT: 3.322 min Scan# 242
Delta R.T. 0.012 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

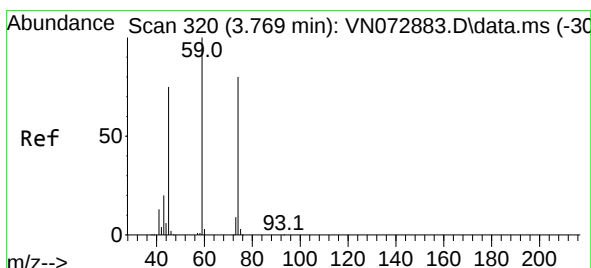
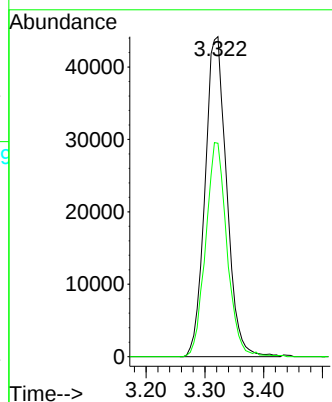
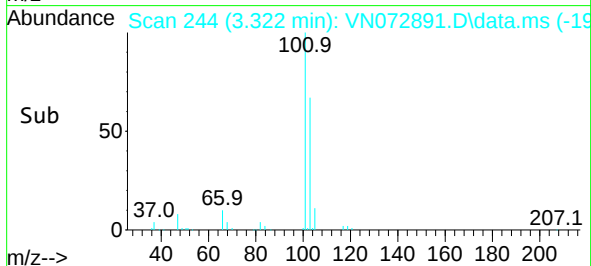
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Tgt Ion:101 Resp: 112940
Ion Ratio Lower Upper
101 100
103 66.7 51.5 77.3

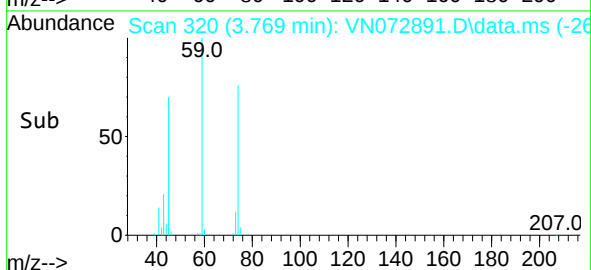
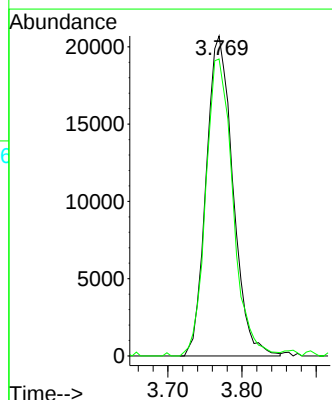
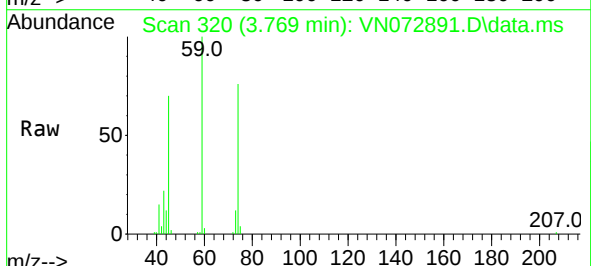
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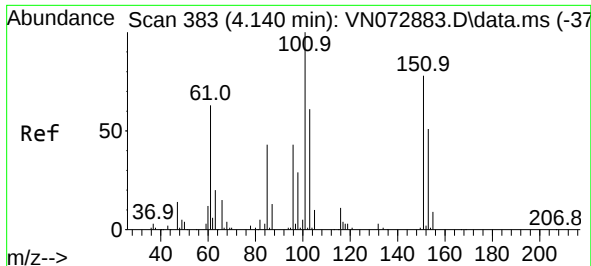
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#8
Diethyl Ether
Concen: 22.013 ug/l
RT: 3.769 min Scan# 320
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

Tgt Ion: 74 Resp: 51940
Ion Ratio Lower Upper
74 100
45 94.4 42.9 128.5





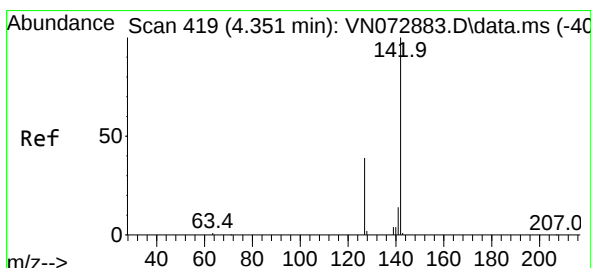
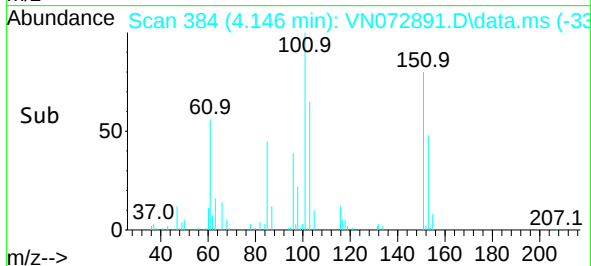
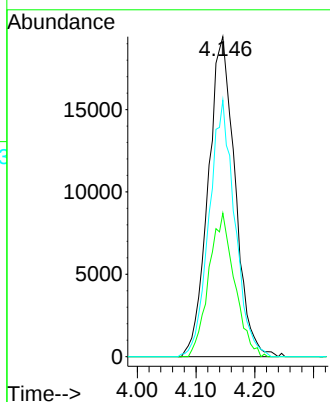
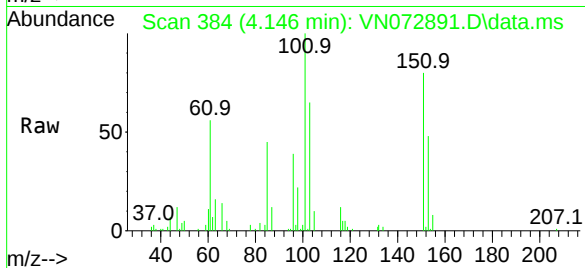
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.398 ug/l
RT: 4.146 min Scan# 383
Delta R.T. 0.006 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Tgt Ion:101 Resp: 61634
Ion Ratio Lower Upper
101 100
85 43.0 34.7 52.1
151 76.8 63.0 94.4

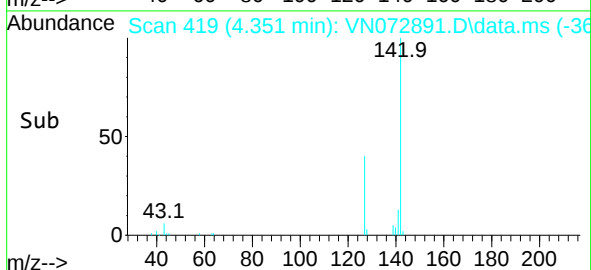
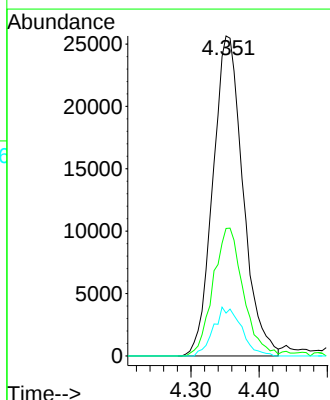
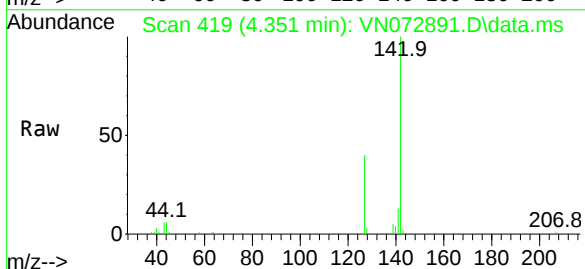
Manual Integrations
APPROVED

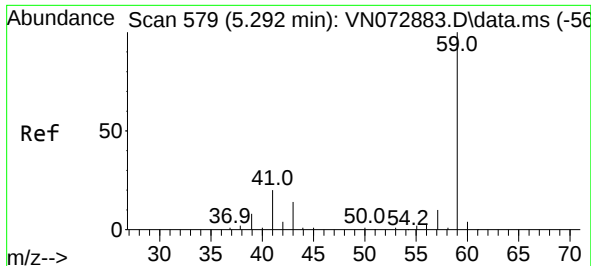
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#10
Methyl Iodide
Concen: 19.620 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

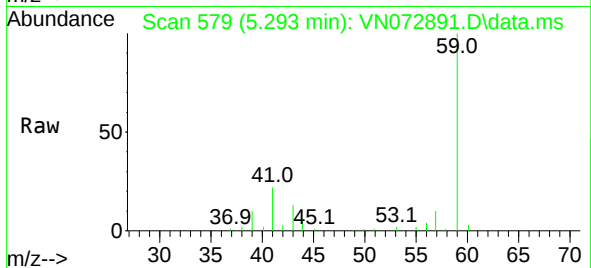
Tgt Ion:142 Resp: 78563
Ion Ratio Lower Upper
142 100
127 40.1 31.3 46.9
141 14.2 11.2 16.8





#11
Tert butyl alcohol
Concen: 104.299 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

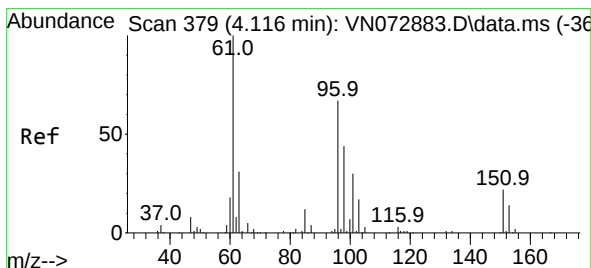
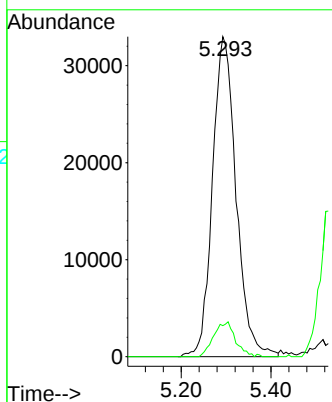
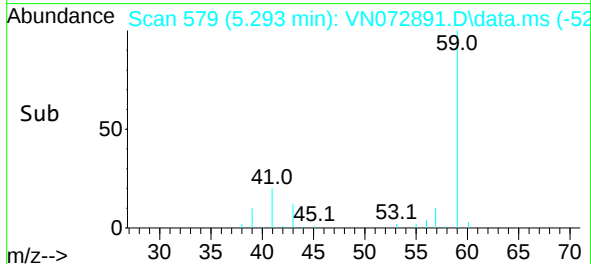
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



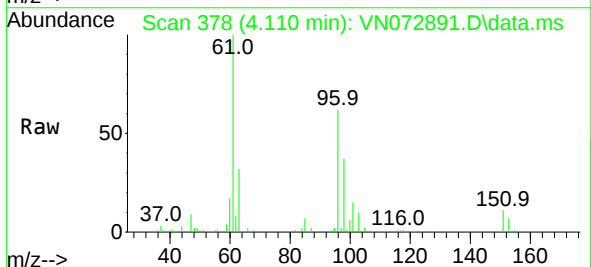
Tgt Ion: 59 Resp: 120710
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5

Manual Integrations
APPROVED

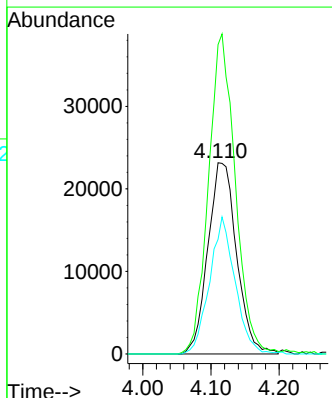
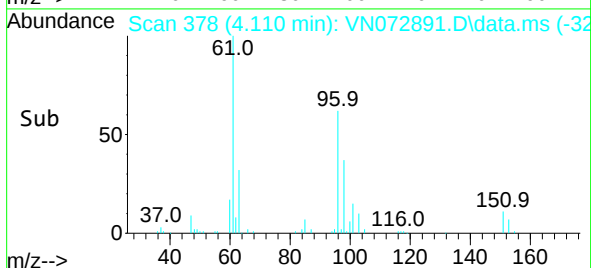
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

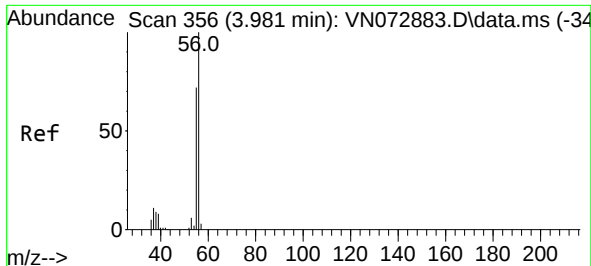


#12
1,1-Dichloroethene
Concen: 20.248 ug/l
RT: 4.110 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26



Tgt Ion: 96 Resp: 67940
Ion Ratio Lower Upper
96 100
61 161.7 127.6 191.4
98 59.9 51.2 76.8





#13

Acrolein

Concen: 98.185 ug/l

RT: 3.981 min Scan# 3

Delta R.T. -0.000 min

Lab File: VN072891.D

Acq: 16 Jun 2022 20:26

Instrument :

MSVOA_N

ClientSampleId :

VN0616WBSD01

Tgt Ion: 56 Resp: 3454

Ion Ratio Lower Upper

56 100

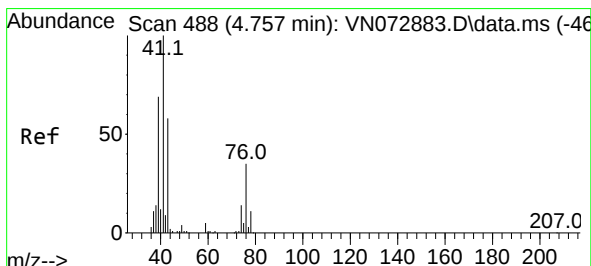
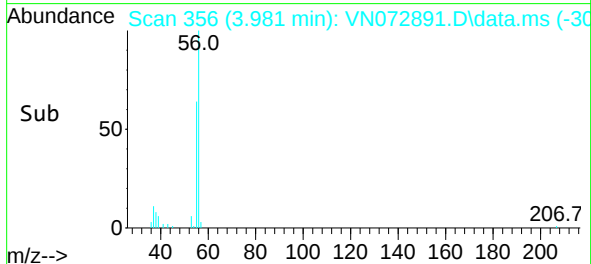
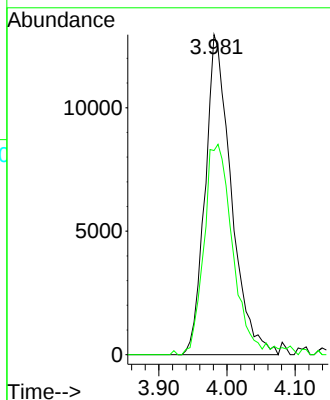
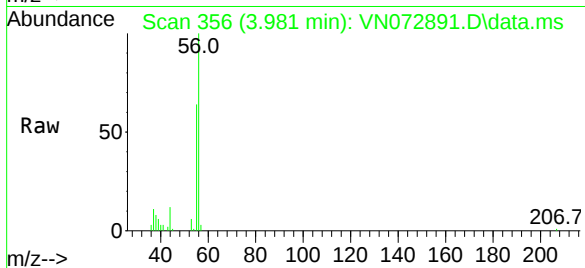
55 71.1 54.8 82.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#14

Allyl chloride

Concen: 20.478 ug/l

RT: 4.769 min Scan# 490

Delta R.T. 0.012 min

Lab File: VN072891.D

Acq: 16 Jun 2022 20:26

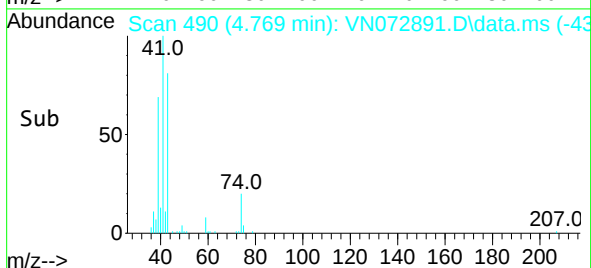
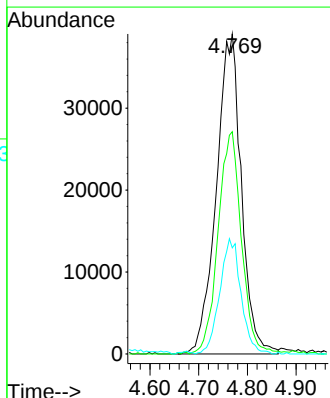
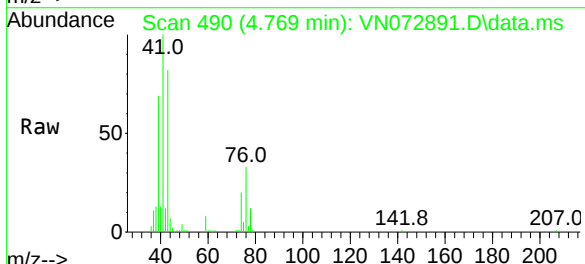
Tgt Ion: 41 Resp: 139284

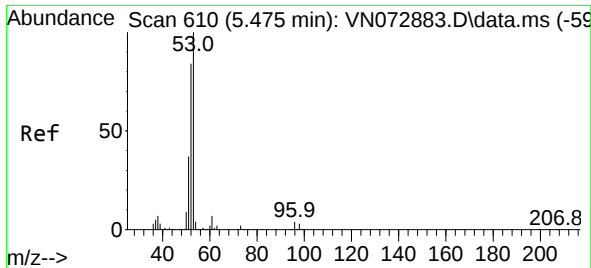
Ion Ratio Lower Upper

41 100

39 65.0 53.2 79.8

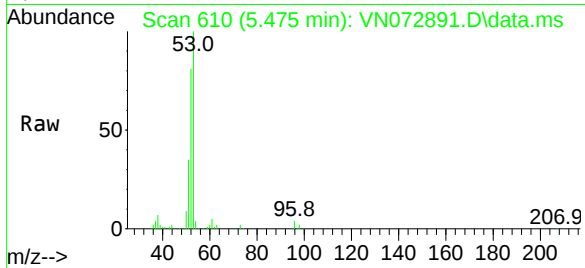
76 30.7 29.9 44.9





#15
Acrylonitrile
Concen: 114.359 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

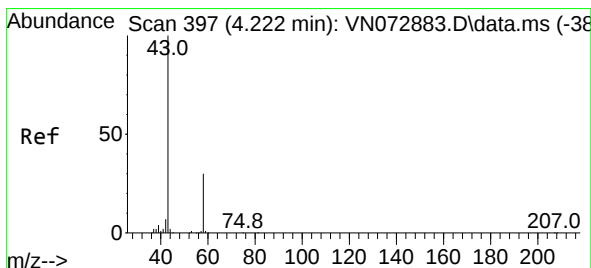
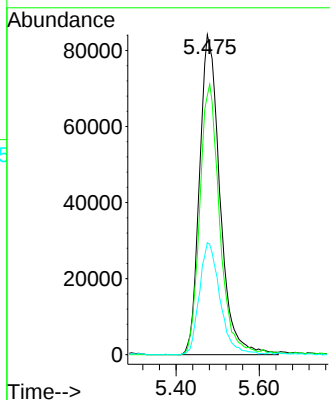
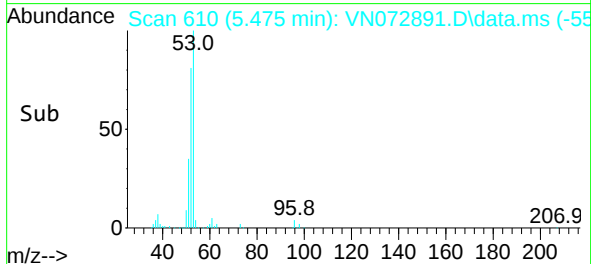
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



Tgt Ion: 53 Resp: 287228
Ion Ratio Lower Upper
53 100
52 81.7 66.4 99.6
51 35.3 28.5 42.7

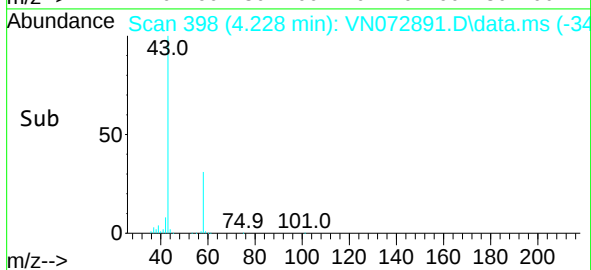
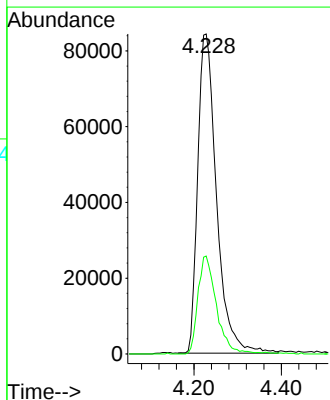
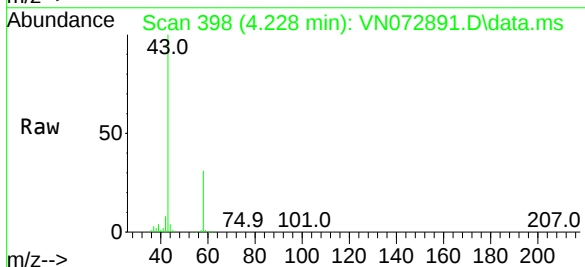
Manual Integrations
APPROVED

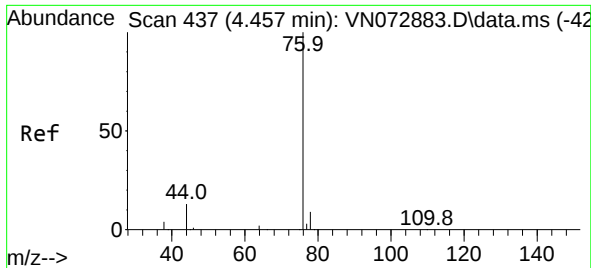
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#16
Acetone
Concen: 112.346 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

Tgt Ion: 43 Resp: 252073
Ion Ratio Lower Upper
43 100
58 30.7 26.0 39.0





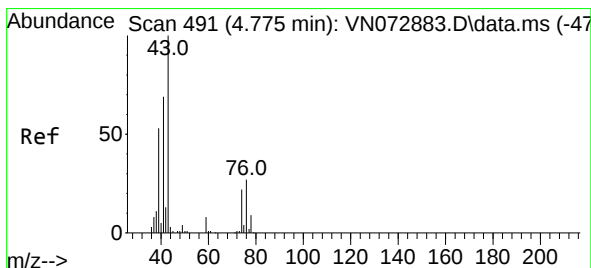
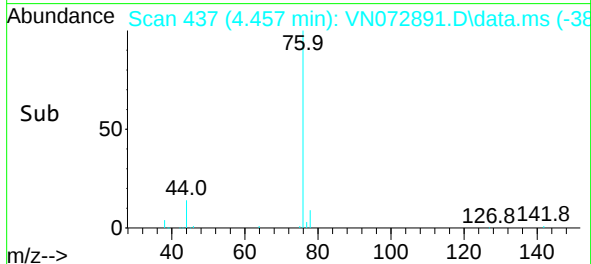
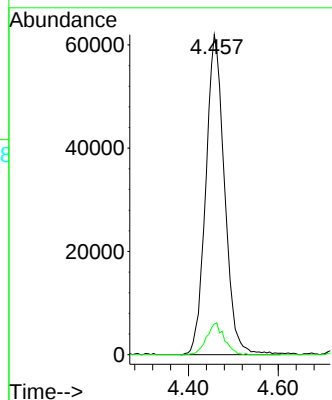
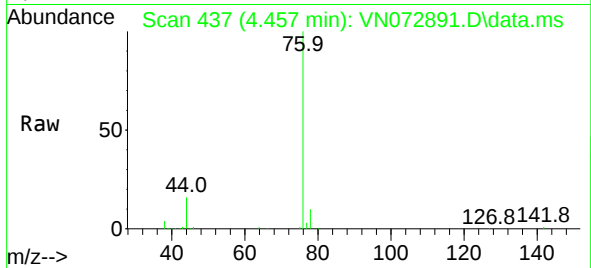
#17
Carbon Disulfide
Concen: 19.783 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Tgt Ion: 76 Resp: 17964
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

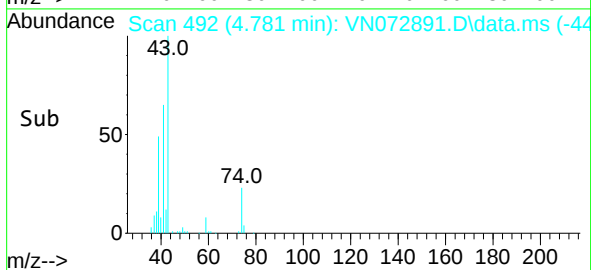
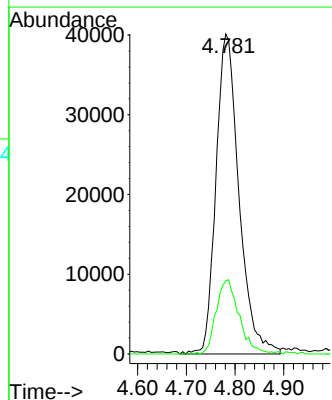
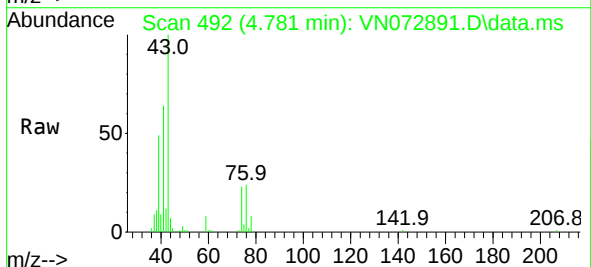
Manual Integrations
APPROVED

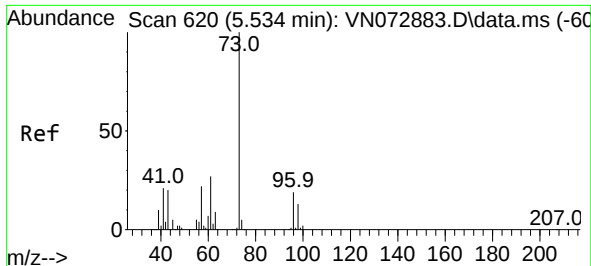
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#18
Methyl Acetate
Concen: 20.597 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

Tgt Ion: 43 Resp: 131740
Ion Ratio Lower Upper
43 100
74 23.1 21.6 32.4





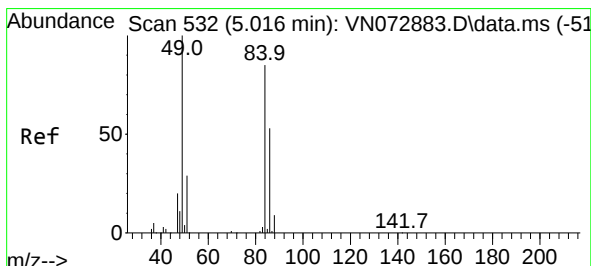
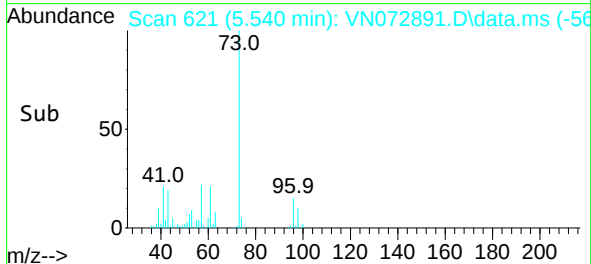
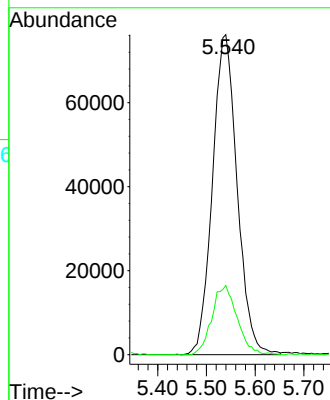
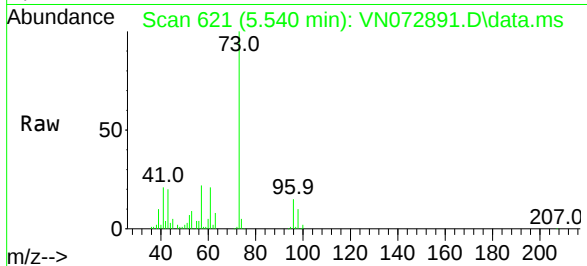
#19
Methyl tert-butyl Ether
Concen: 21.854 ug/l
RT: 5.540 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Tgt Ion: 73 Resp: 26828
Ion Ratio Lower Upper
73 100
57 21.6 17.6 26.4

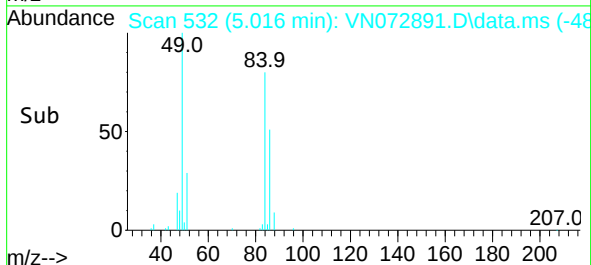
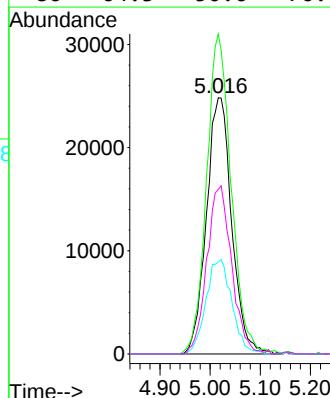
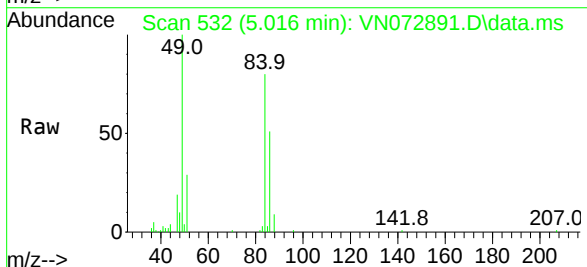
Manual Integrations
APPROVED

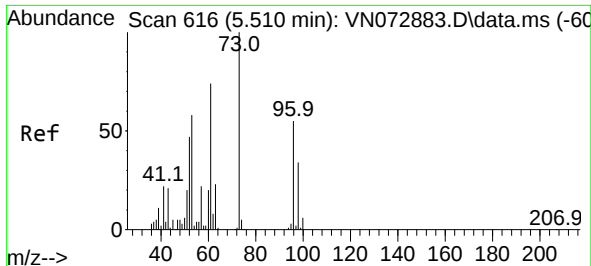
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#20
Methylene Chloride
Concen: 21.656 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

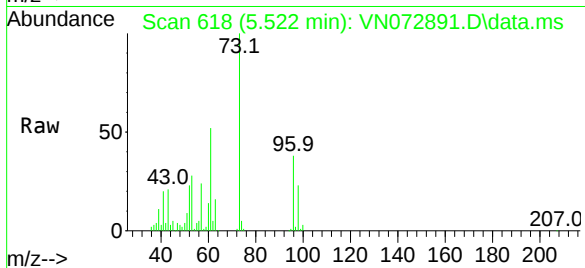
Tgt Ion: 84 Resp: 86909
Ion Ratio Lower Upper
84 100
49 124.9 88.3 132.5
51 35.9 28.2 42.2
86 64.3 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 20.784 ug/l
RT: 5.522 min Scan# 616
Delta R.T. 0.012 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

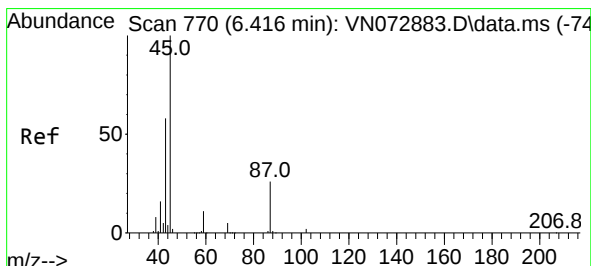
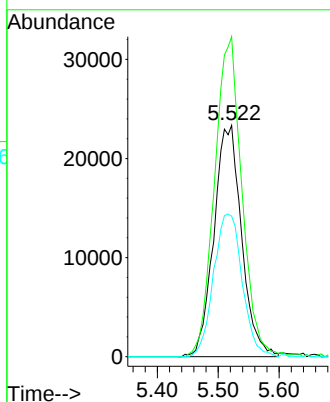
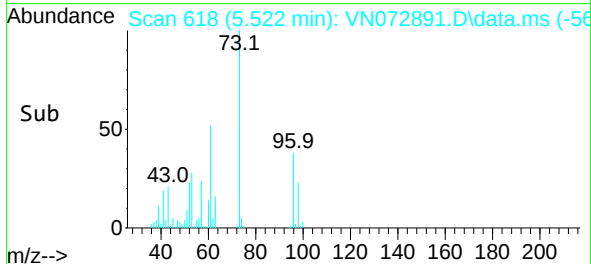
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



Tgt Ion: 96 Resp: 7378
Ion Ratio Lower Upper
96 100
61 138.3 105.8 158.8
98 60.7 50.3 75.5

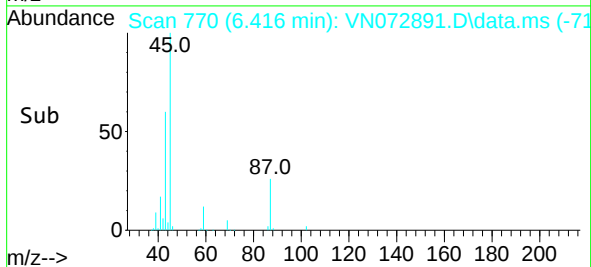
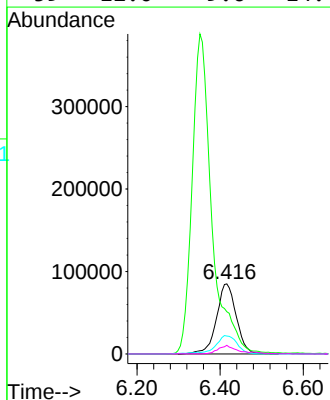
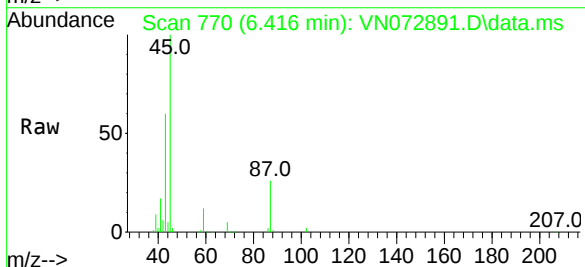
Manual Integrations
APPROVED

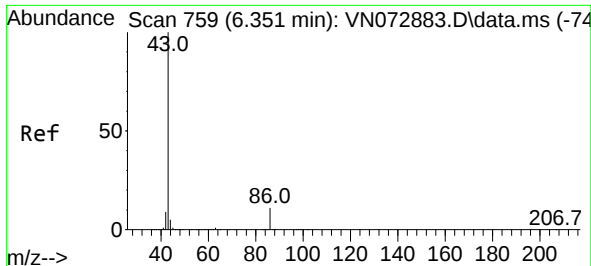
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#22
Diisopropyl ether
Concen: 22.348 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

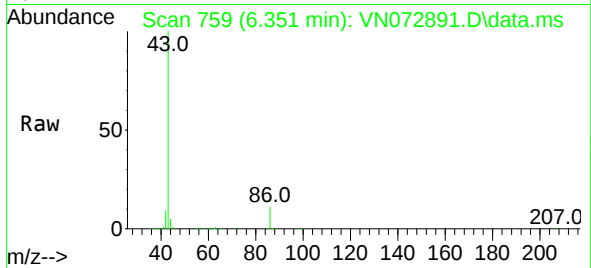
Tgt Ion: 45 Resp: 281007
Ion Ratio Lower Upper
45 100
43 58.4 46.6 70.0
87 25.6 24.3 36.5
59 12.0 9.6 14.4





#23
 Vinyl Acetate
 Concen: 111.797 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN072891.D
 Acq: 16 Jun 2022 20:26

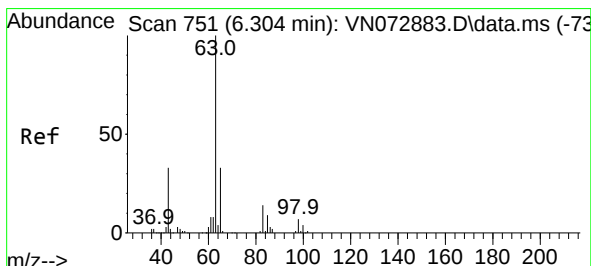
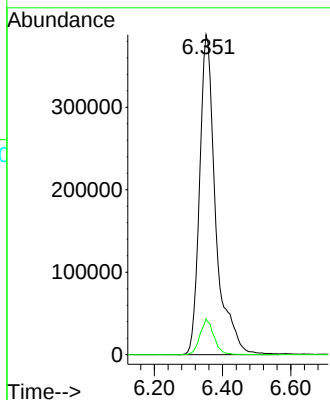
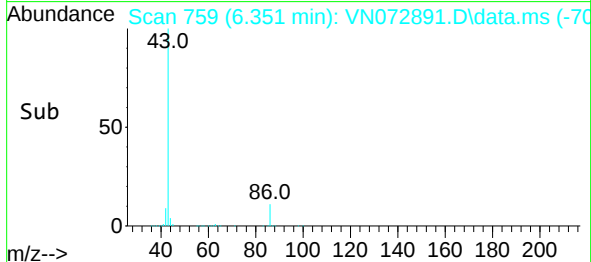
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616WBSD01



Tgt Ion: 43 Resp: 1277664
 Ion Ratio Lower Upper
 43 100
 86 11.2 10.0 15.0

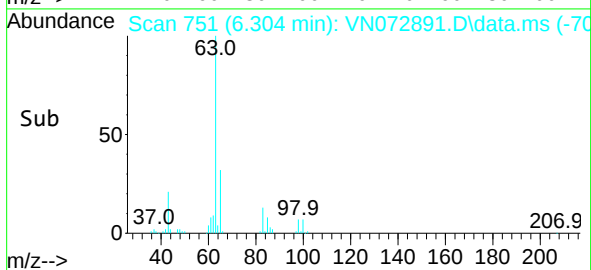
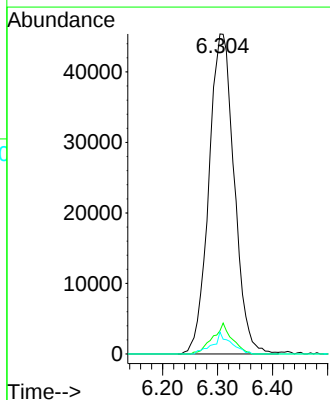
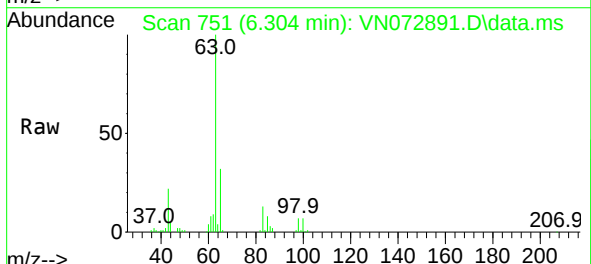
Manual Integrations
 APPROVED

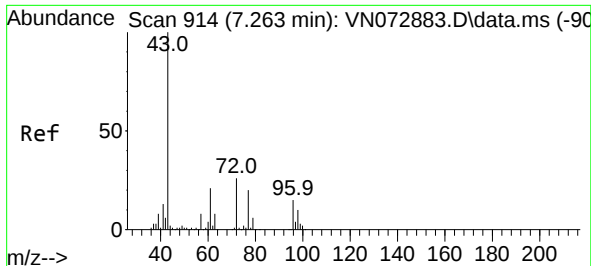
Reviewed By :John Carlone 06/20/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#24
 1,1-Dichloroethane
 Concen: 22.088 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN072891.D
 Acq: 16 Jun 2022 20:26

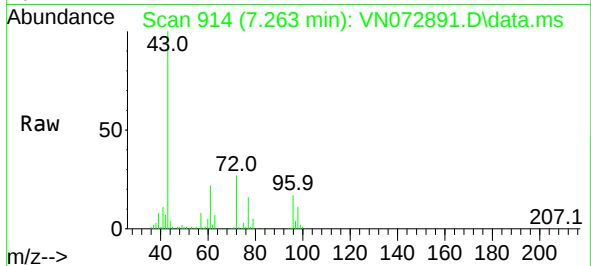
Tgt Ion: 63 Resp: 145413
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 6.8 2.3 6.8#





#25
2-Butanone
Concen: 114.290 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

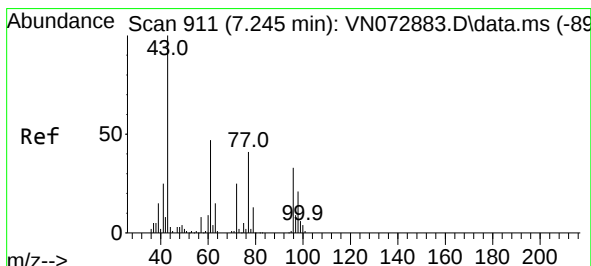
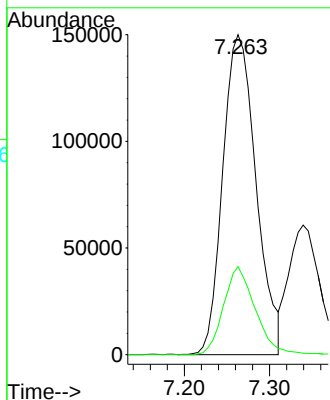
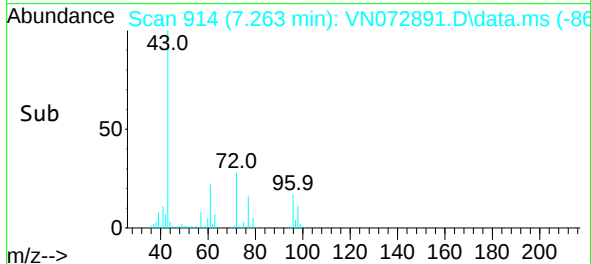
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



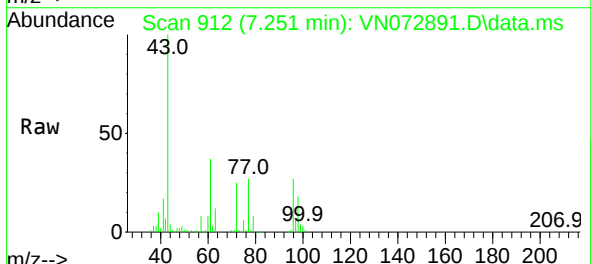
Tgt Ion: 43 Resp: 40842
Ion Ratio Lower Upper
43 100
72 27.5 23.7 35.5

Manual Integrations
APPROVED

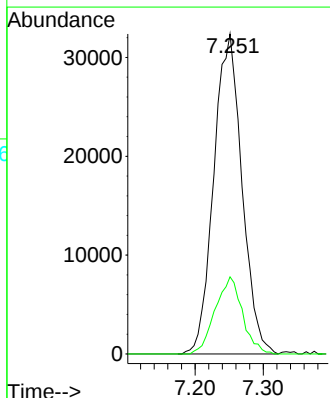
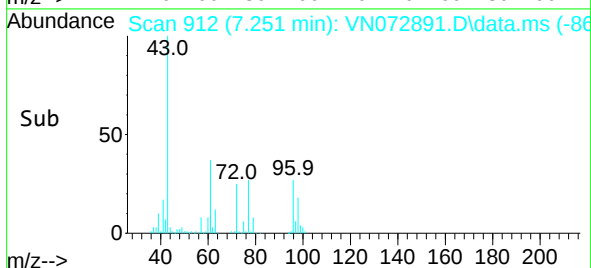
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

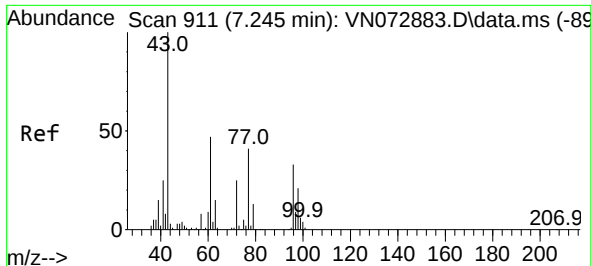


#26
2,2-Dichloropropane
Concen: 15.664 ug/l
RT: 7.251 min Scan# 912
Delta R.T. 0.006 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26



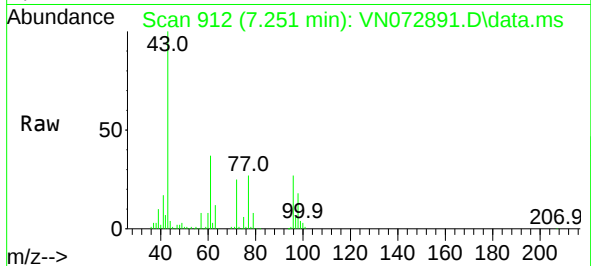
Tgt Ion: 77 Resp: 93150
Ion Ratio Lower Upper
77 100
97 23.2 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 21.095 ug/l
 RT: 7.251 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VN072891.D
 Acq: 16 Jun 2022 20:26

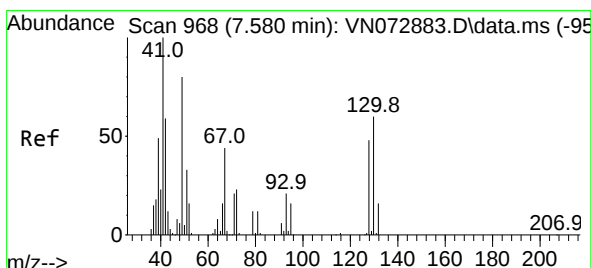
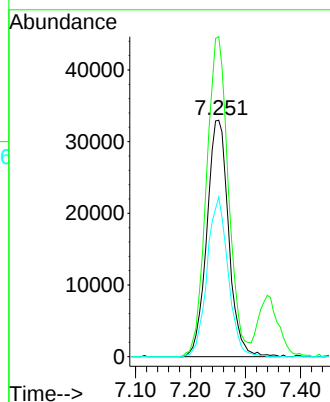
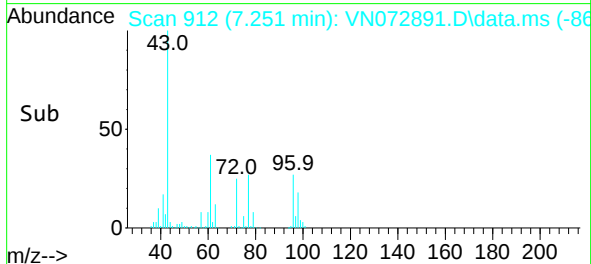
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616WBSD01



Tgt Ion: 96 Resp: 9077
 Ion Ratio Lower Upper
 96 100
 61 136.9 0.0 280.6
 98 65.1 0.0 128.4

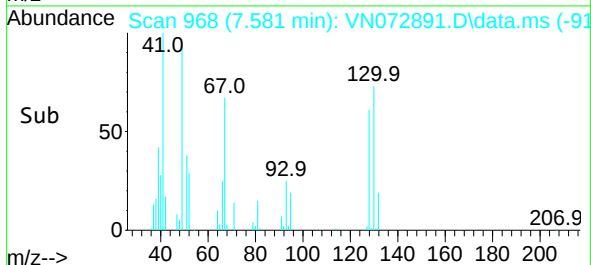
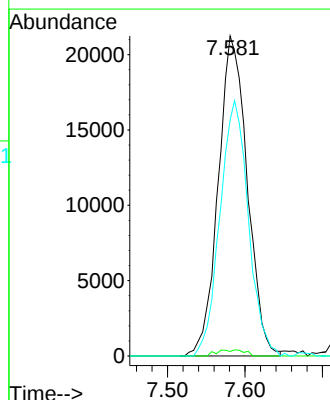
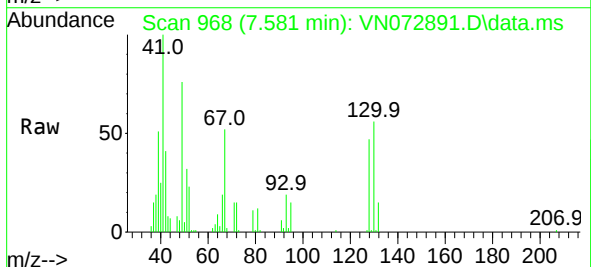
Manual Integrations
 APPROVED

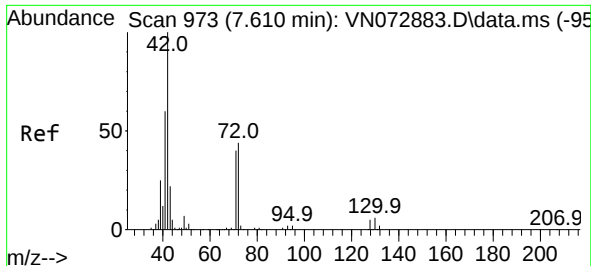
Reviewed By :John Carlone 06/20/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#28
 Bromochloromethane
 Concen: 19.618 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. 0.000 min
 Lab File: VN072891.D
 Acq: 16 Jun 2022 20:26

Tgt Ion: 49 Resp: 55339
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.6
 130 78.2 69.7 104.5





#29

Tetrahydrofuran

Concen: 113.768 ug/l

RT: 7.616 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN072891.D

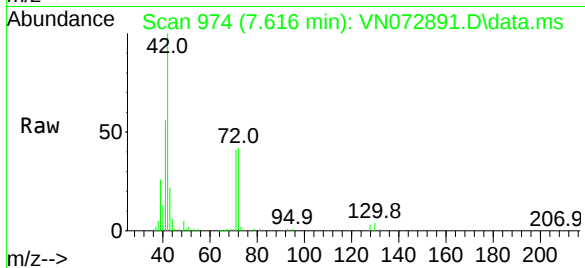
Acq: 16 Jun 2022 20:26

Instrument :

MSVOA_N

ClientSampleId :

VN0616WBSD01



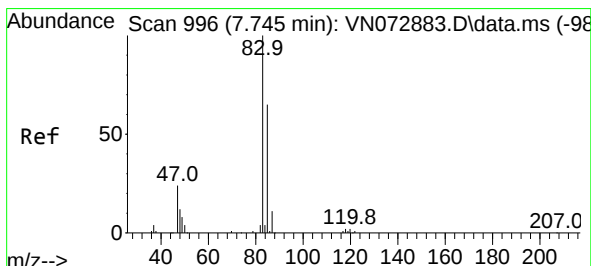
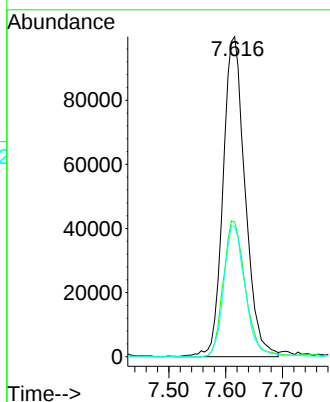
Tgt Ion:	42	Resp:	269530
Ion Ratio	100	Lower	Upper
42	100		
72	42.4	39.7	59.5
71	39.7	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#30

Chloroform

Concen: 21.348 ug/l

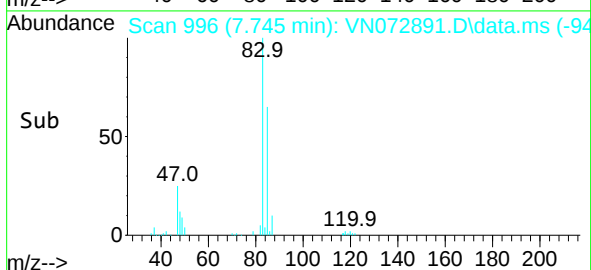
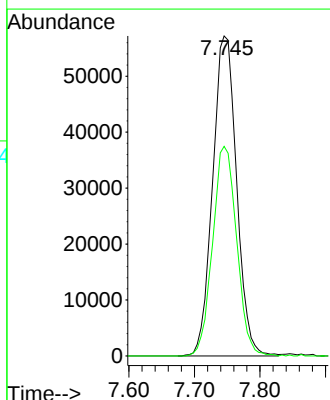
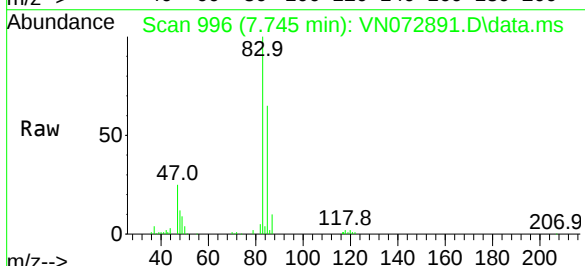
RT: 7.745 min Scan# 996

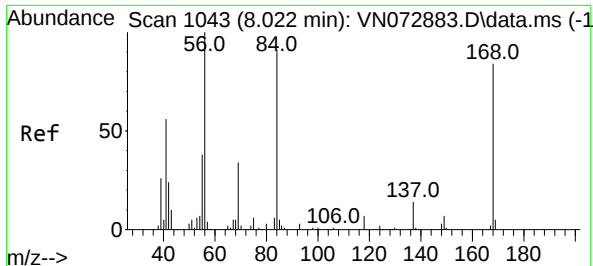
Delta R.T. 0.000 min

Lab File: VN072891.D

Acq: 16 Jun 2022 20:26

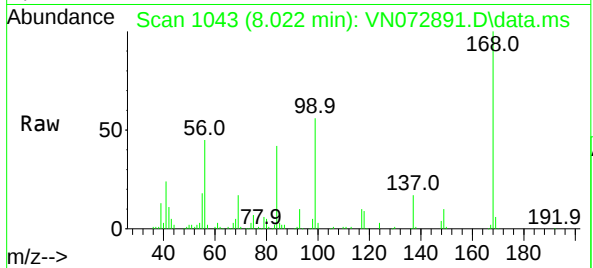
Tgt Ion:	83	Resp:	145023
Ion Ratio	100	Lower	Upper
83	100		
85	65.5	51.8	77.8





#31
Cyclohexane
Concen: 18.666 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

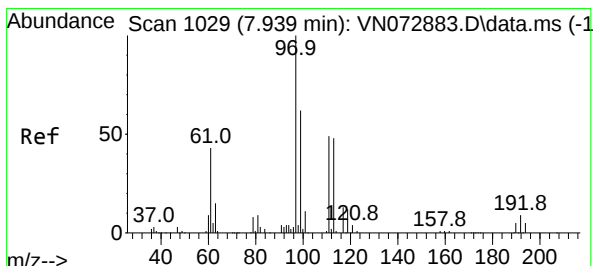
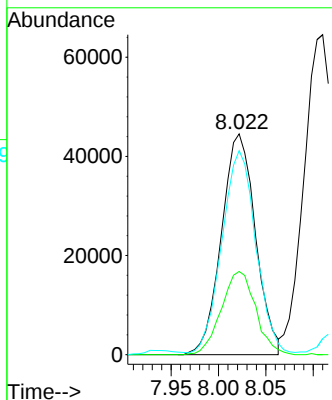
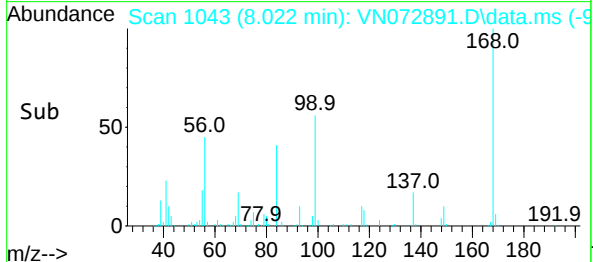
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



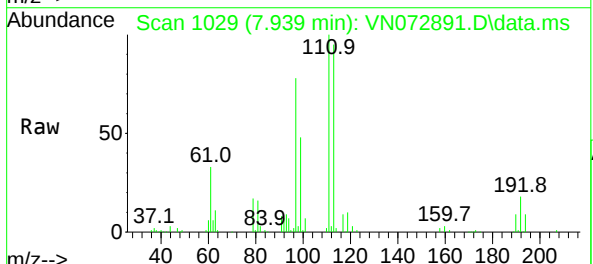
Tgt Ion: 56 Resp: 111240
Ion Ratio Lower Upper
56 100
69 37.3 27.8 41.8
84 91.2 76.9 115.3

Manual Integrations
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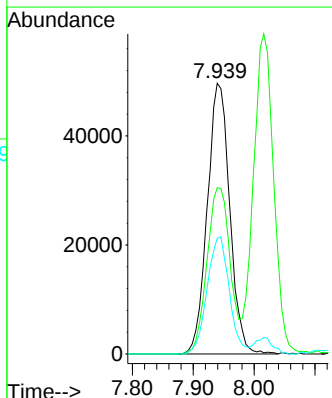
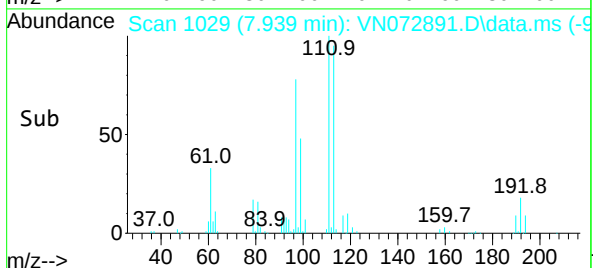
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

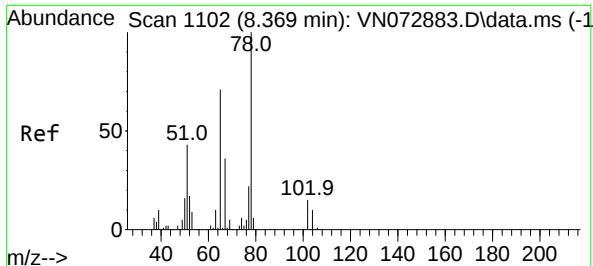


#32
1,1,1-Trichloroethane
Concen: 21.130 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26



Tgt Ion: 97 Resp: 127117
Ion Ratio Lower Upper
97 100
99 62.9 50.6 76.0
61 42.9 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 54.523 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN072891.D

Acq: 16 Jun 2022 20:26

Instrument :

MSVOA_N

ClientSampleId :

VN0616WBSD01

Tgt Ion: 65 Resp: 242368

Ion Ratio Lower Upper

65 100

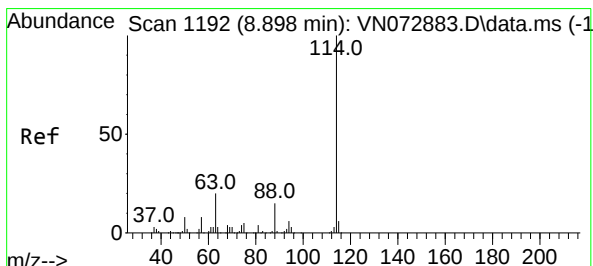
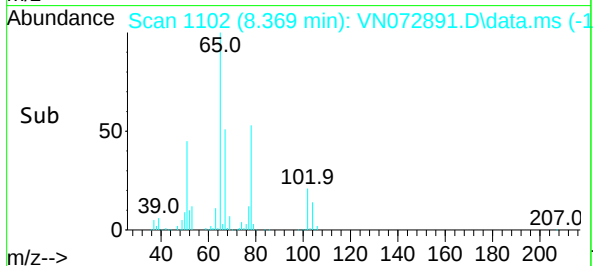
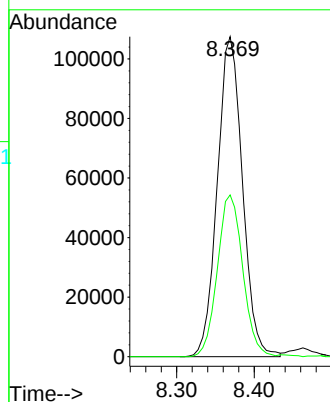
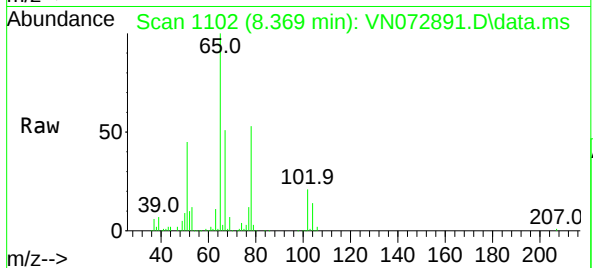
67 51.0 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN072891.D

Acq: 16 Jun 2022 20:26

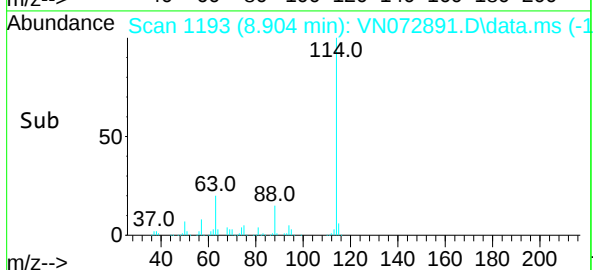
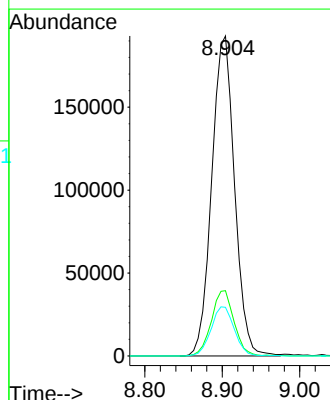
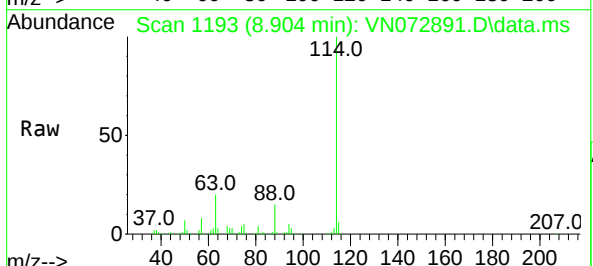
Tgt Ion:114 Resp: 394692

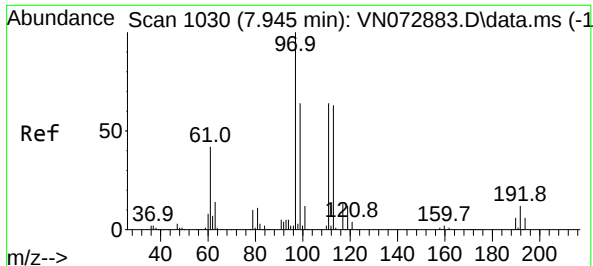
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

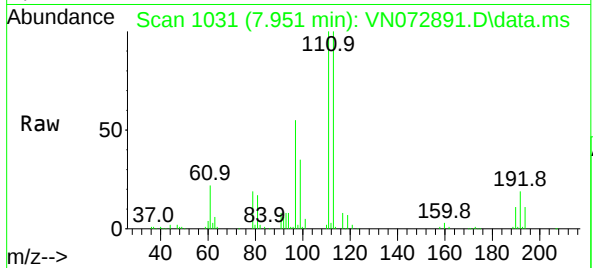
88 15.2 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.401 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

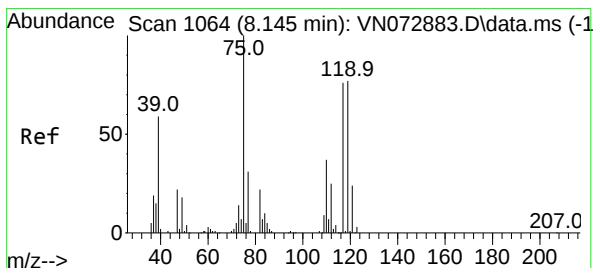
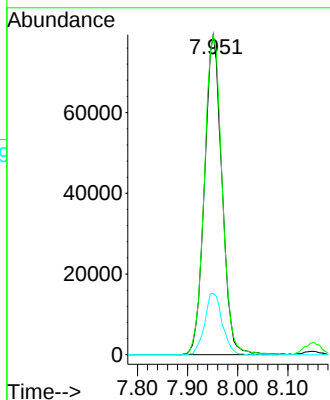
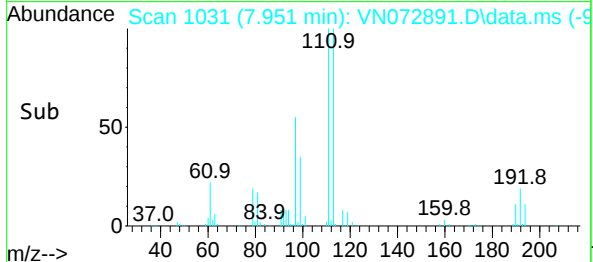
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



Tgt Ion: 113 Resp: 19145
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 19.4 17.0 25.6

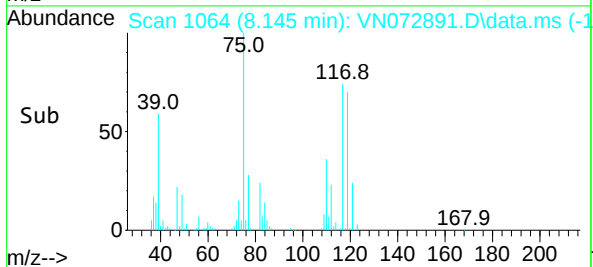
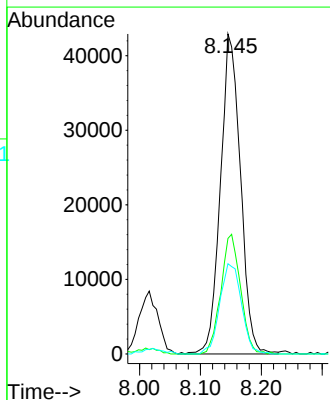
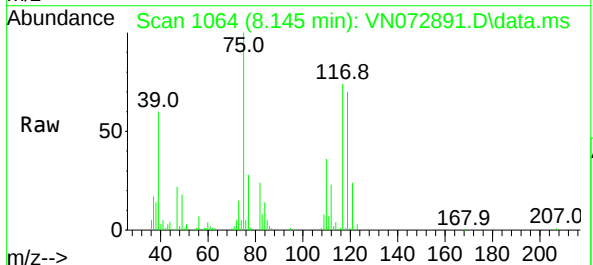
Manual Integrations
APPROVED

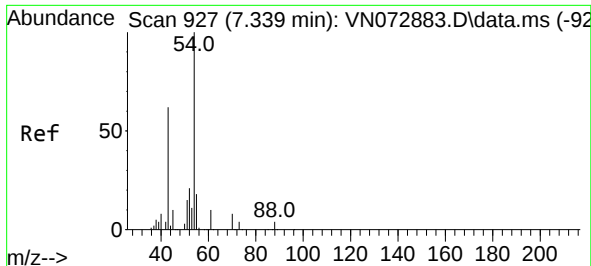
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#36
1,1-Dichloropropene
Concen: 20.037 ug/l
RT: 8.145 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

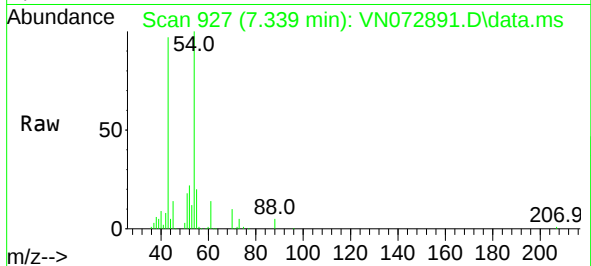
Tgt Ion: 75 Resp: 98107
Ion Ratio Lower Upper
75 100
110 36.8 18.3 54.8
77 30.5 25.1 37.7





#37
Ethyl Acetate
Concen: 21.852 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

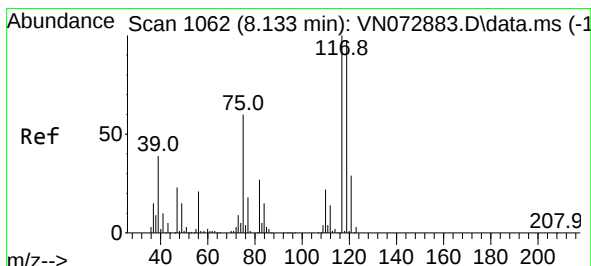
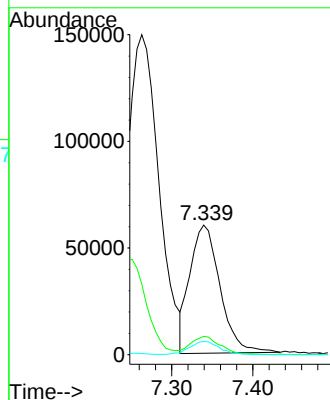
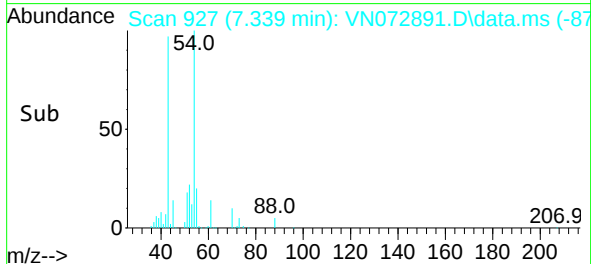
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



Tgt Ion: 43 Resp: 154849
Ion Ratio Lower Upper
43 100
61 14.0 11.8 17.6
70 10.2 9.3 13.9

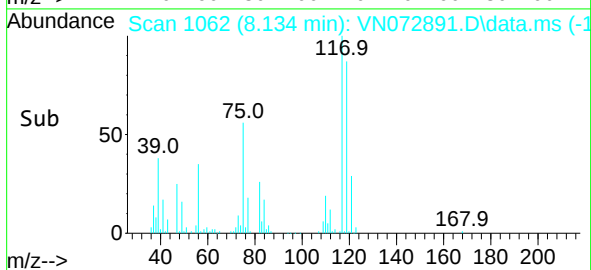
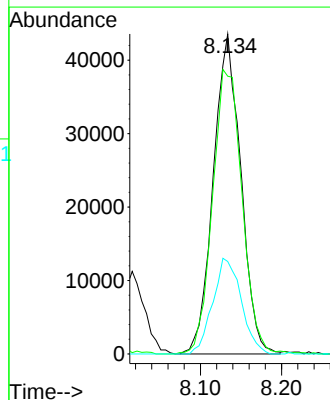
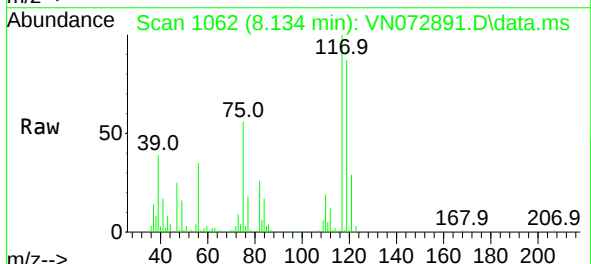
Manual Integrations
APPROVED

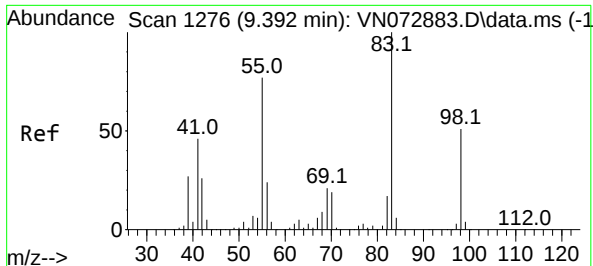
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#38
Carbon Tetrachloride
Concen: 19.487 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

Tgt Ion:117 Resp: 102727
Ion Ratio Lower Upper
117 100
119 86.3 75.8 113.8
121 28.9 24.6 37.0





#39

Methylcyclohexane

Concen: 17.963 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN072891.D

Acq: 16 Jun 2022 20:26

Instrument :

MSVOA_N

ClientSampleId :

VN0616WBSD01

Tgt Ion: 83 Resp: 109160

Ion Ratio Lower Upper

83 100

55 77.1 57.8 86.8

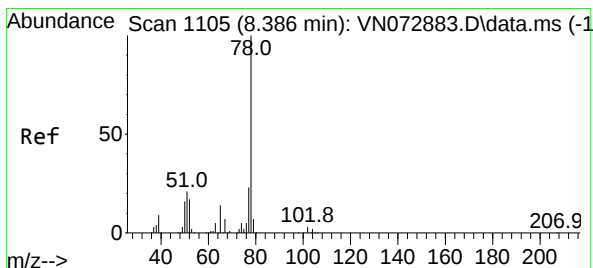
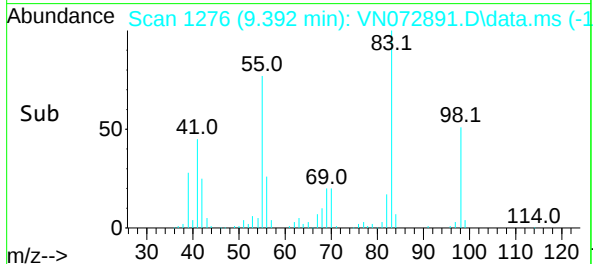
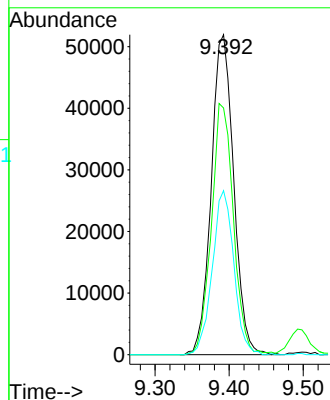
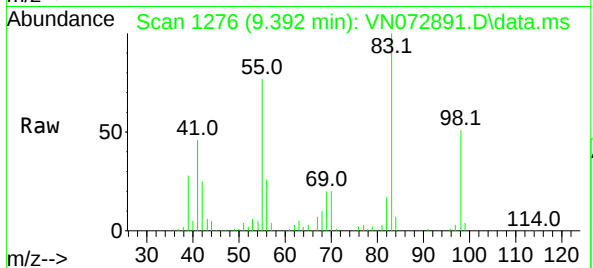
98 51.2 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#40

Benzene

Concen: 21.204 ug/l

RT: 8.386 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN072891.D

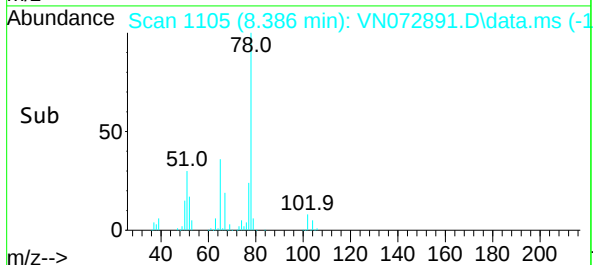
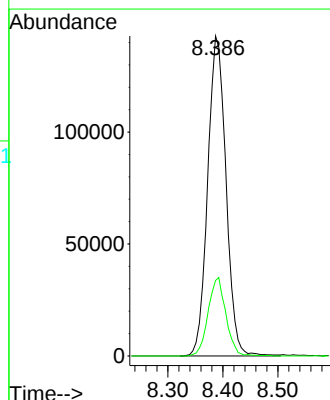
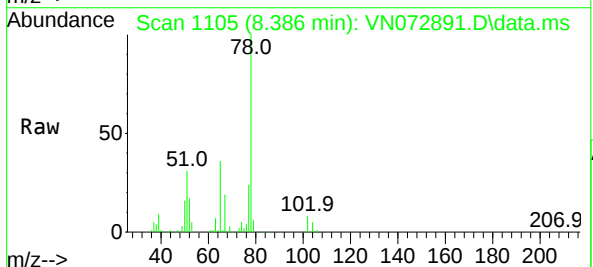
Acq: 16 Jun 2022 20:26

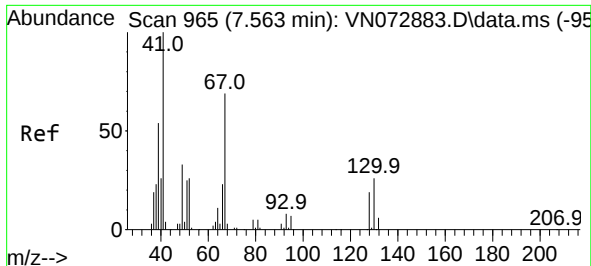
Tgt Ion: 78 Resp: 330799

Ion Ratio Lower Upper

78 100

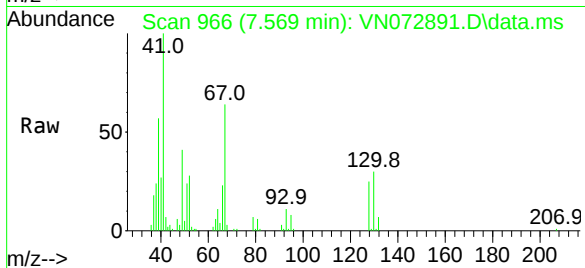
77 23.6 19.4 29.0





#41
Methacrylonitrile
Concen: 20.208 ug/l
RT: 7.569 min Scan# 965
Delta R.T. 0.006 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

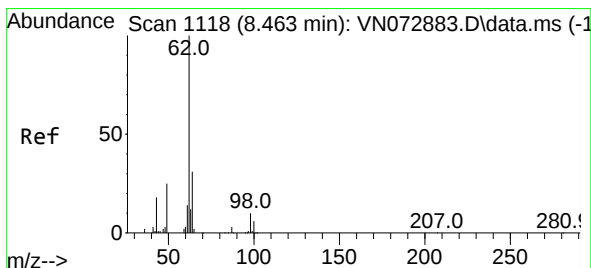
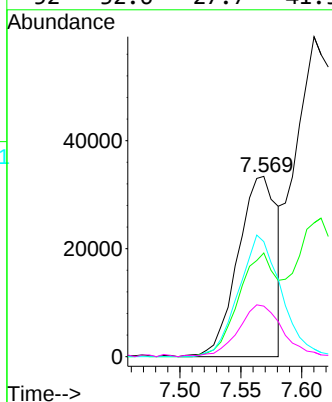
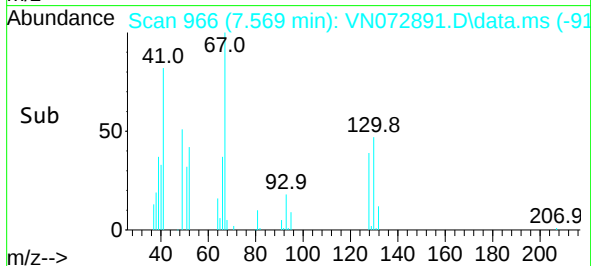
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



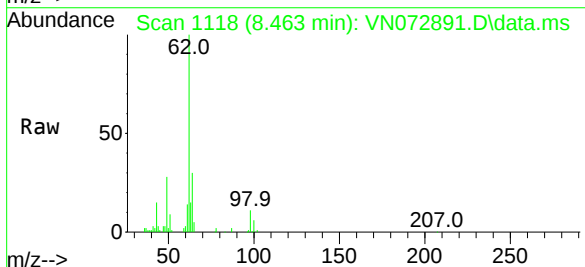
Tgt Ion: 41 Resp: 7455
Ion Ratio Lower Upper
41 100
39 55.2 48.6 73.0
67 74.6 73.4 110.2
52 32.6 27.7 41.5

Manual Integrations
APPROVED

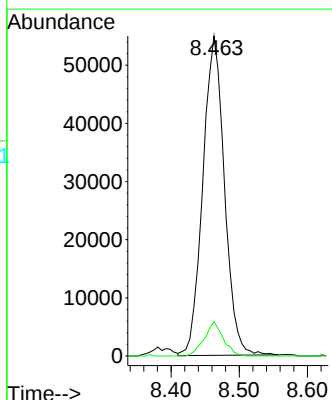
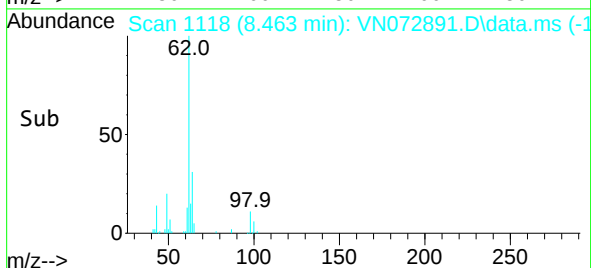
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

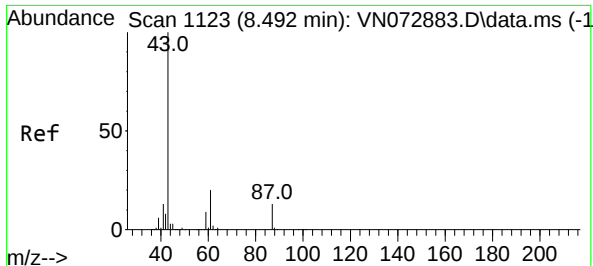


#42
1,2-Dichloroethane
Concen: 21.572 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26



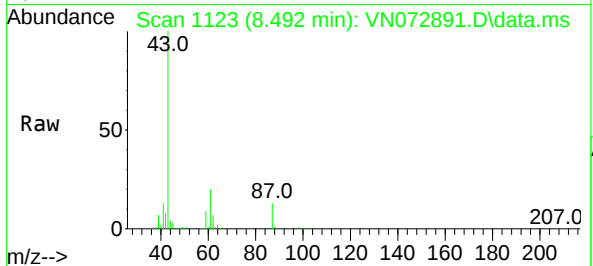
Tgt Ion: 62 Resp: 121349
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.4





#43
Isopropyl Acetate
Concen: 22.130 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

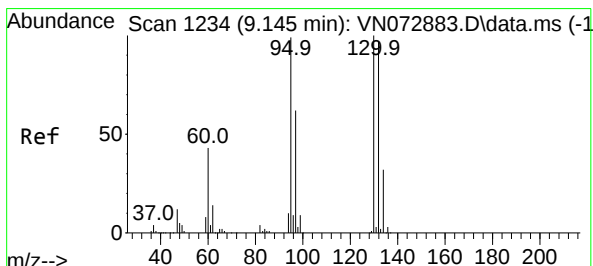
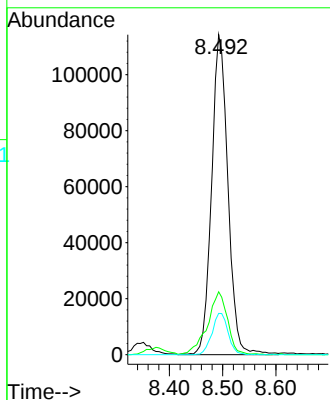
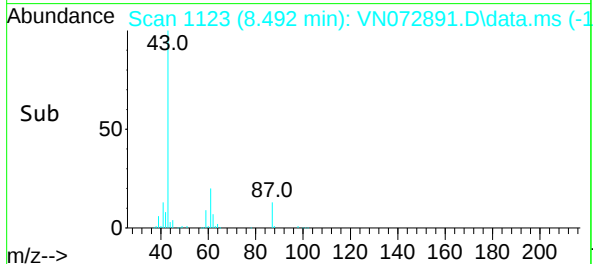
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



Tgt Ion: 43 Resp: 244070
Ion Ratio Lower Upper
43 100
61 24.2 21.9 32.9
87 12.7 12.0 18.0

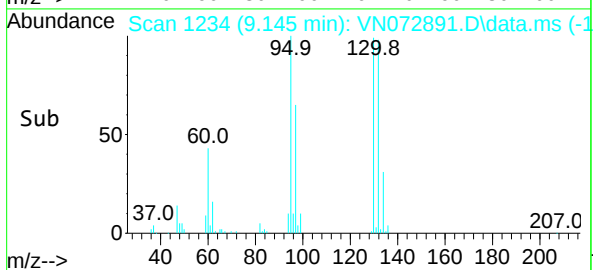
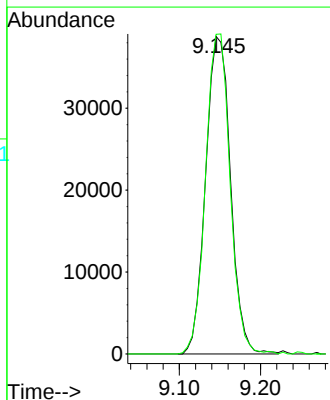
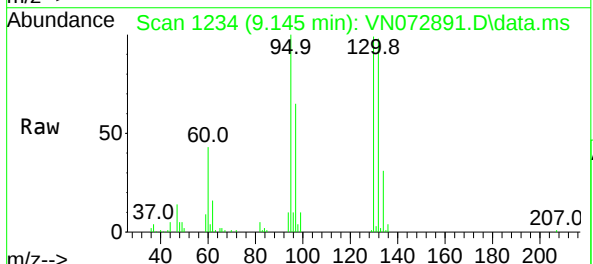
Manual Integrations
APPROVED

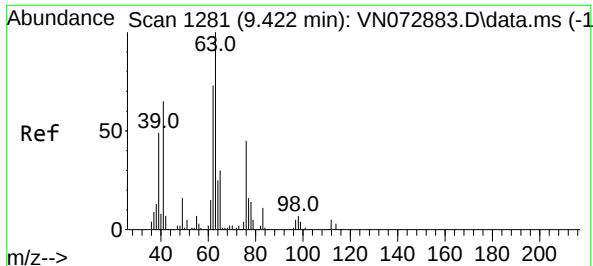
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#44
Trichloroethene
Concen: 19.830 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

Tgt Ion:130 Resp: 82709
Ion Ratio Lower Upper
130 100
95 100.6 0.0 186.8





#45

1,2-Dichloropropane

Concen: 21.409 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VN072891.D

Acq: 16 Jun 2022 20:26

Instrument :

MSVOA_N

ClientSampleId :

VN0616WBSD01

Tgt Ion: 63 Resp: 84270

Ion Ratio Lower Upper

63 100

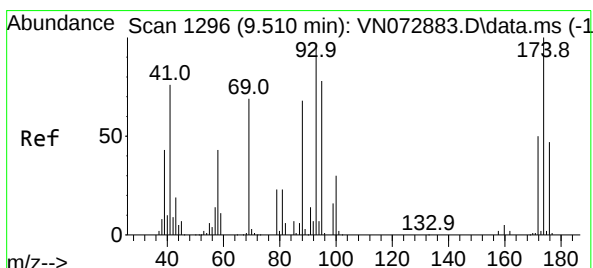
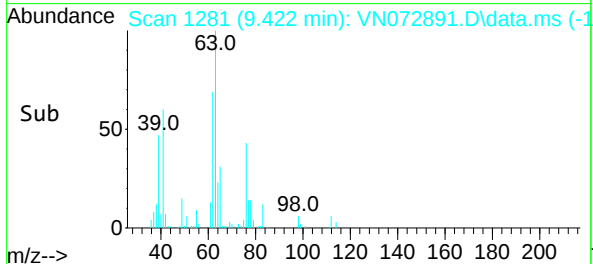
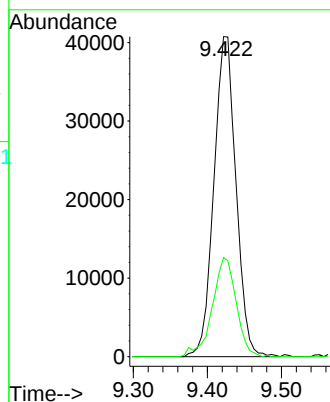
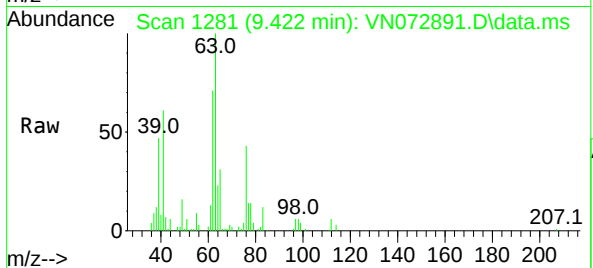
65 31.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#46

Dibromomethane

Concen: 21.570 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN072891.D

Acq: 16 Jun 2022 20:26

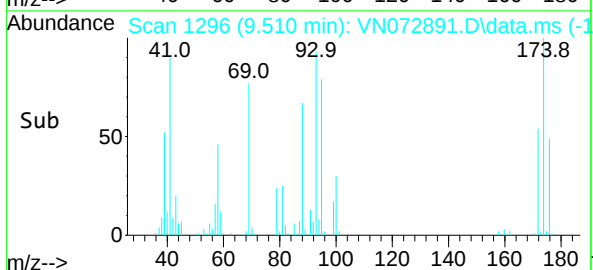
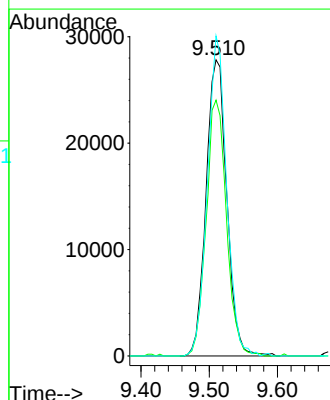
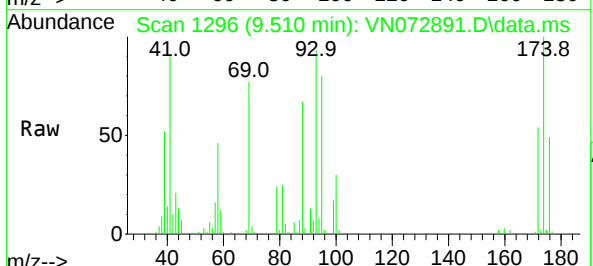
Tgt Ion: 93 Resp: 58925

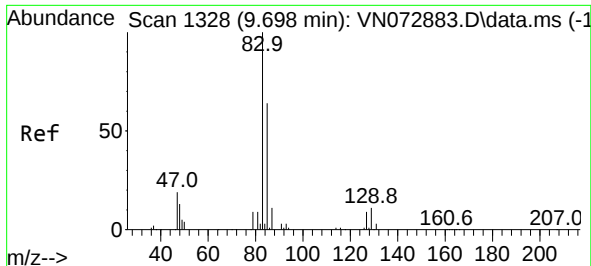
Ion Ratio Lower Upper

93 100

95 84.6 66.9 100.3

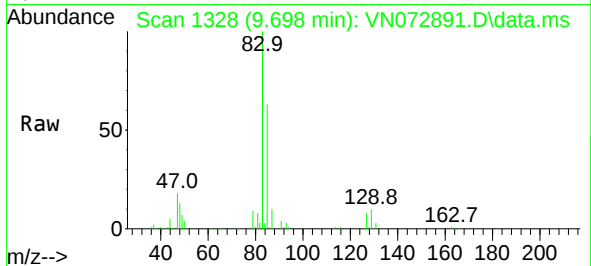
174 100.4 86.6 130.0





#47
Bromodichloromethane
Concen: 20.997 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

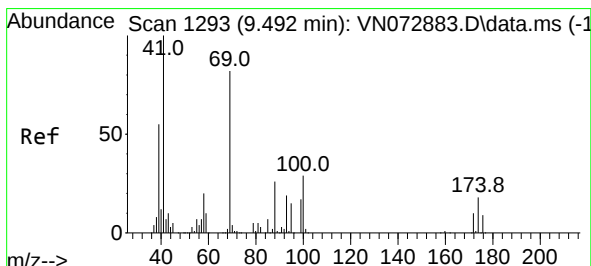
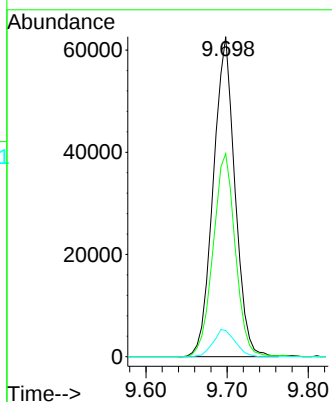
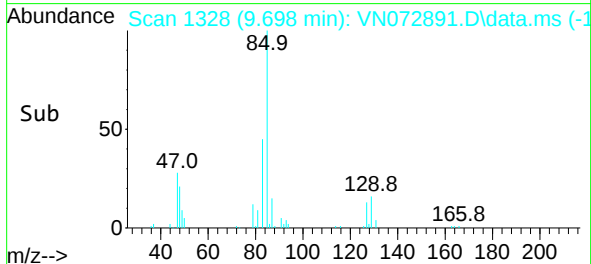
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



Tgt Ion: 83 Resp: 116189
Ion Ratio Lower Upper
83 100
85 63.5 50.5 75.7
127 8.2 6.8 10.2

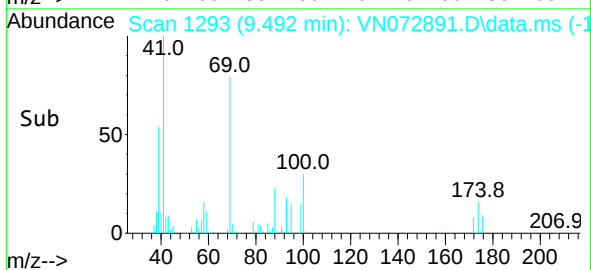
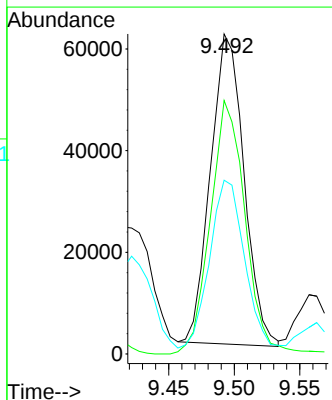
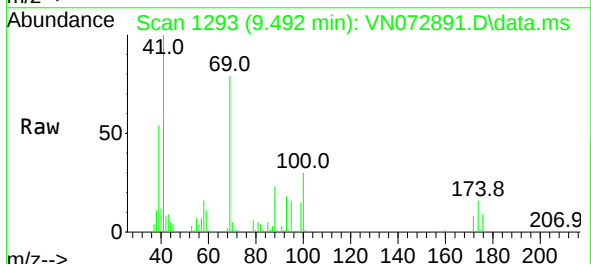
Manual Integrations
APPROVED

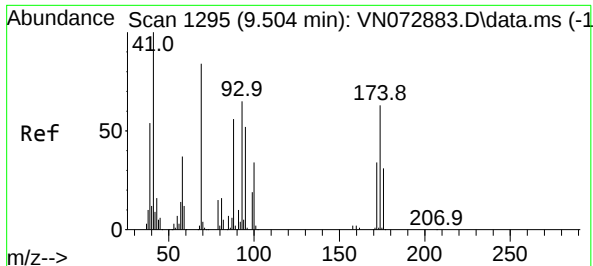
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#48
Methyl methacrylate
Concen: 21.497 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

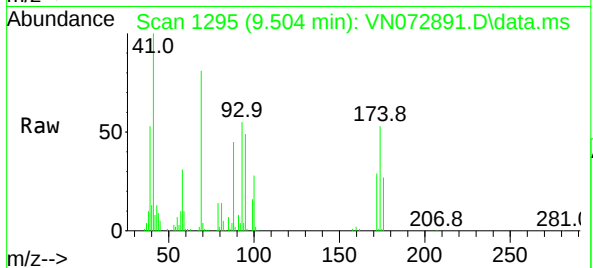
Tgt Ion: 41 Resp: 108291
Ion Ratio Lower Upper
41 100
69 85.5 74.7 112.1
39 61.1 45.6 68.4





#49
1,4-Dioxane
Concen: 422.268 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

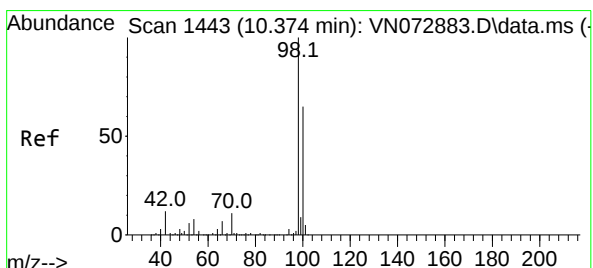
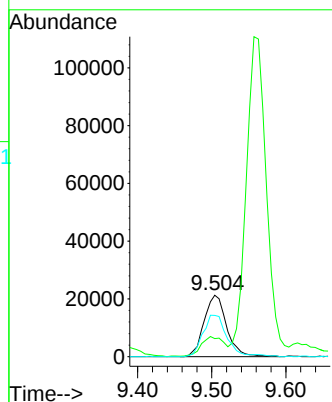
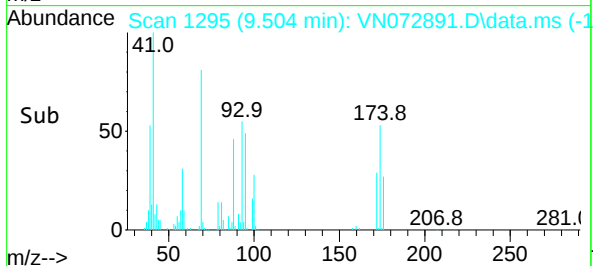
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



Tgt Ion: 88 Resp: 45059
Ion Ratio Lower Upper
88 100
43 33.6 20.2 30.4
58 72.1 54.2 81.4

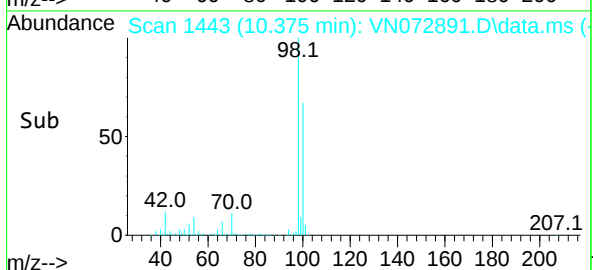
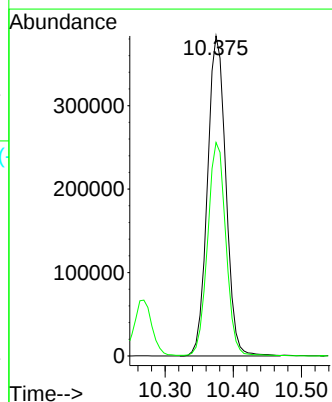
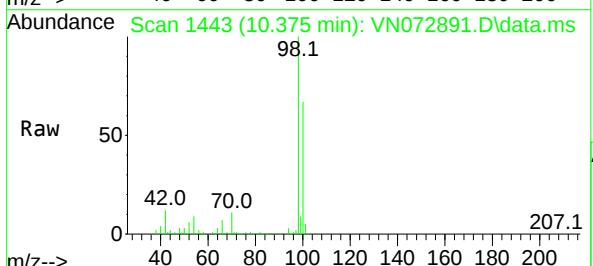
Manual Integrations
APPROVED

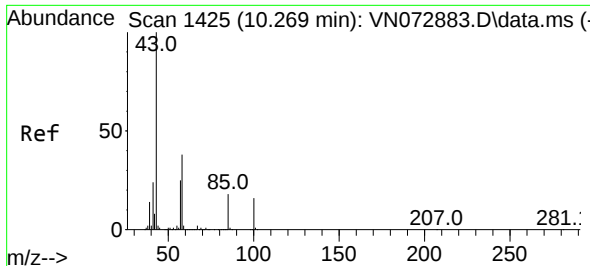
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#50
Toluene-d8
Concen: 51.321 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

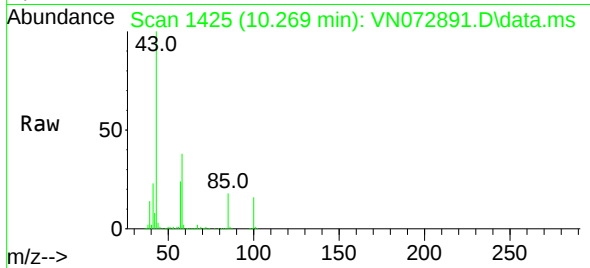
Tgt Ion: 98 Resp: 720223
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 109.856 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

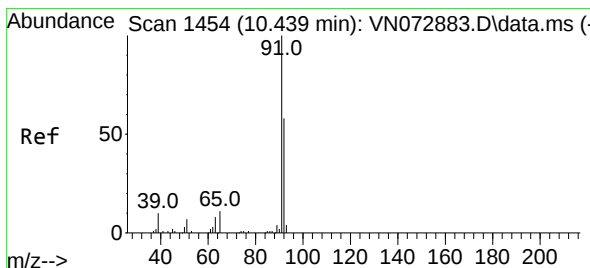
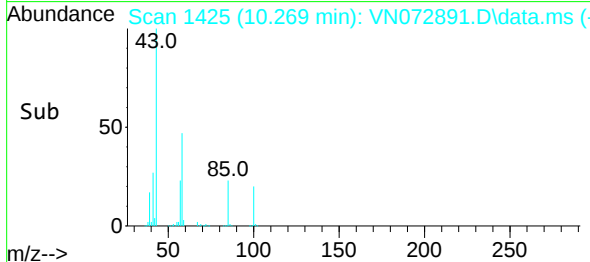
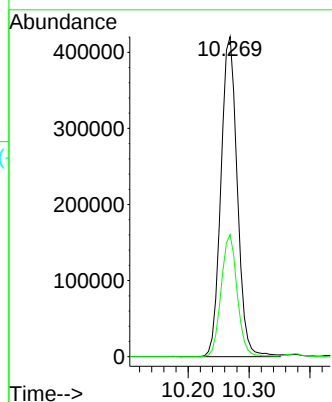
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



Tgt Ion: 43 Resp: 783762
Ion Ratio Lower Upper
43 100
58 37.5 34.1 51.1

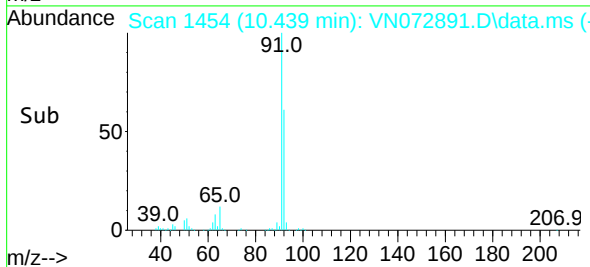
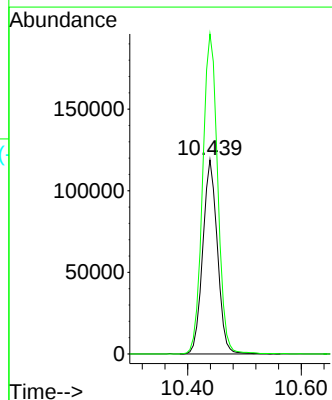
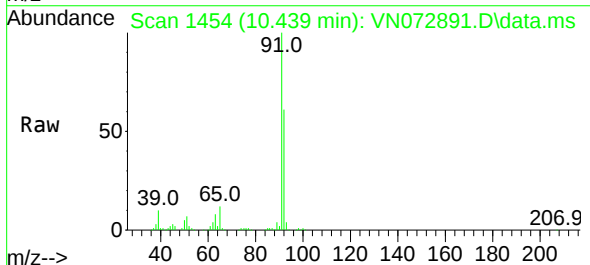
Manual Integrations
APPROVED

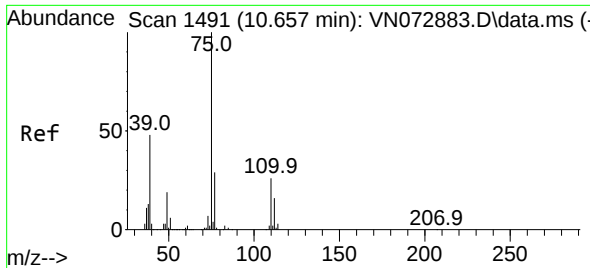
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#52
Toluene
Concen: 20.967 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

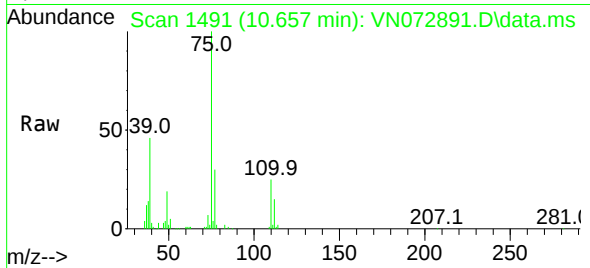
Tgt Ion: 92 Resp: 211682
Ion Ratio Lower Upper
92 100
91 170.5 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 19.968 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

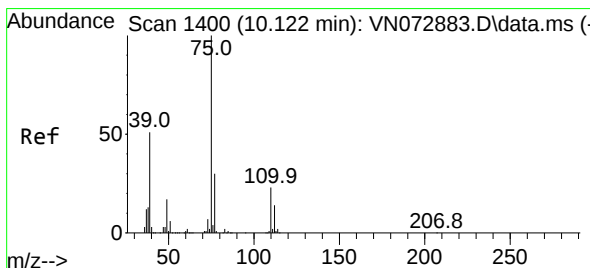
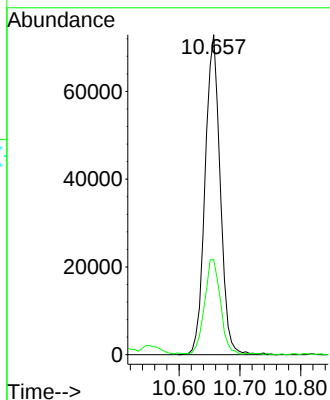
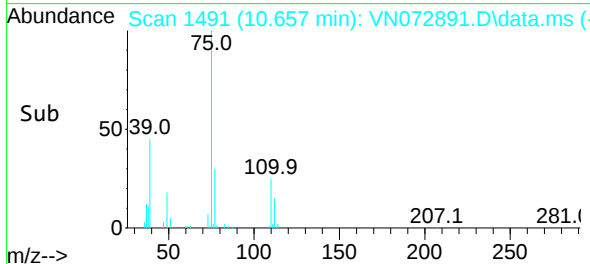
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



Tgt Ion: 75 Resp: 125890
Ion Ratio Lower Upper
75 100
77 29.7 25.6 38.4

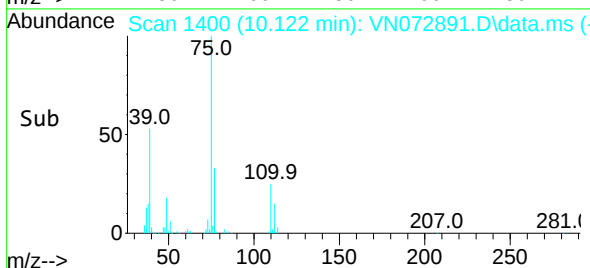
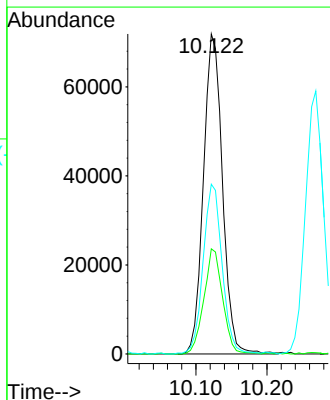
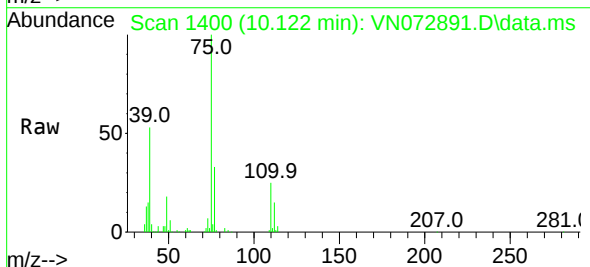
Manual Integrations
APPROVED

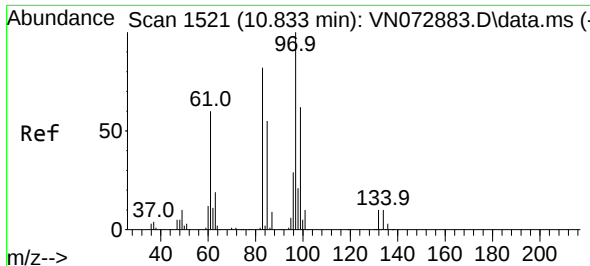
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#54
cis-1,3-Dichloropropene
Concen: 20.472 ug/l
RT: 10.122 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

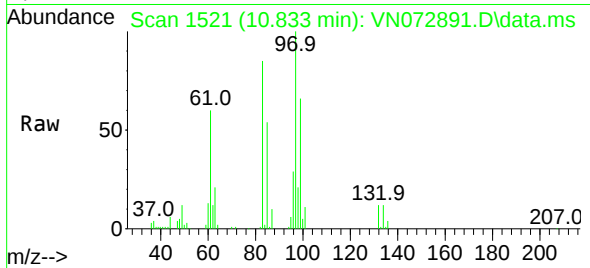
Tgt Ion: 75 Resp: 134001
Ion Ratio Lower Upper
75 100
77 32.8 25.2 37.8
39 53.0 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 21.166 ug/l
RT: 10.833 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

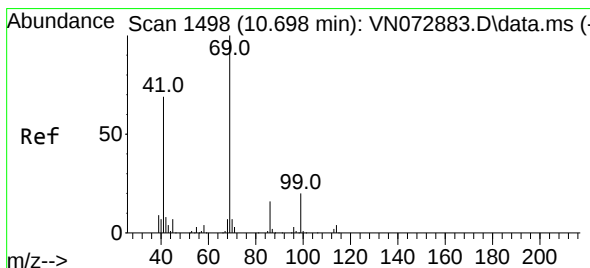
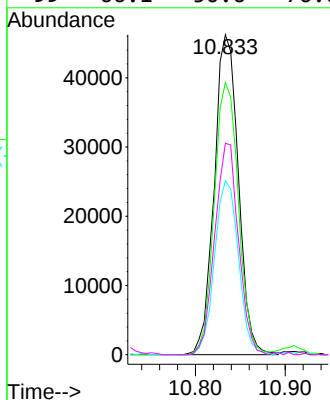
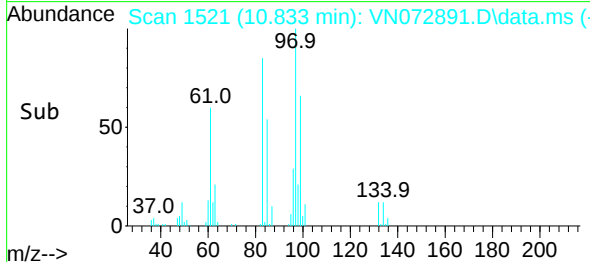
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



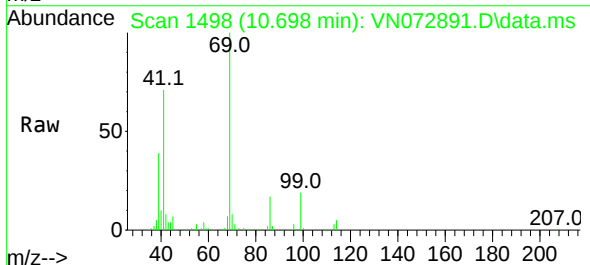
Tgt Ion:	97	Resp:	8627
Ion	Ratio	Lower	Upper
97	100		
83	85.1	66.2	99.4
85	54.4	43.9	65.9
99	66.1	50.6	76.0

Manual Integrations
APPROVED

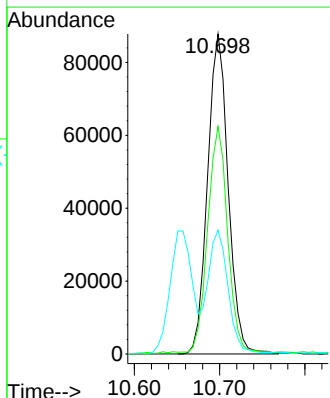
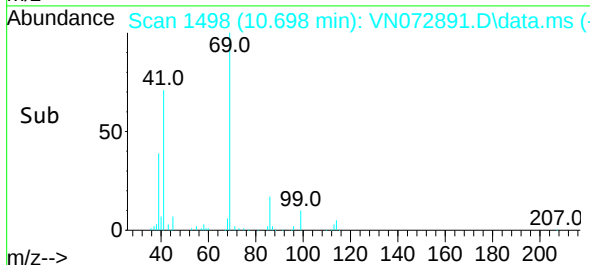
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

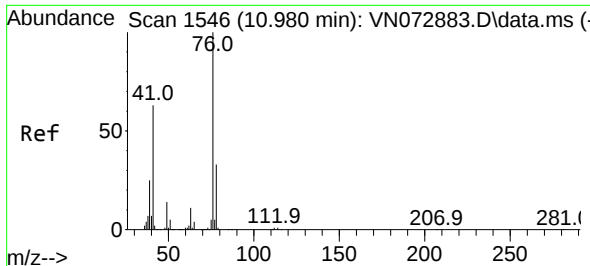


#56
Ethyl methacrylate
Concen: 21.313 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26



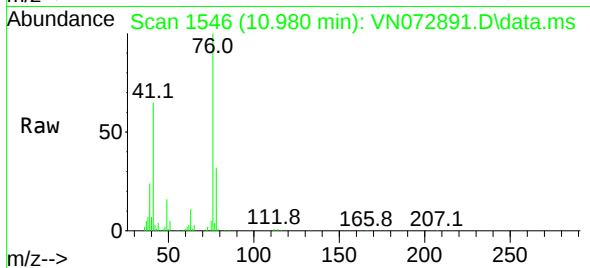
Tgt Ion:	69	Resp:	147520
Ion	Ratio	Lower	Upper
69	100		
41	69.3	47.8	71.6
39	37.8	27.3	40.9





#57
1,3-Dichloropropane
Concen: 21.193 ug/l
RT: 10.980 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

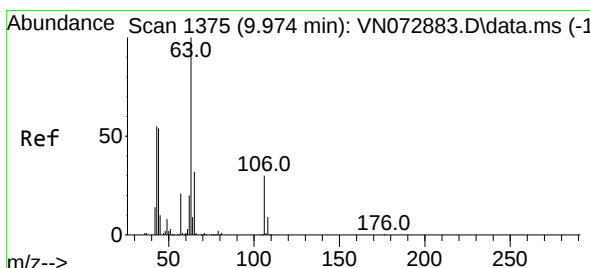
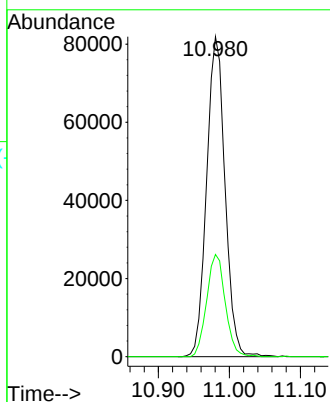
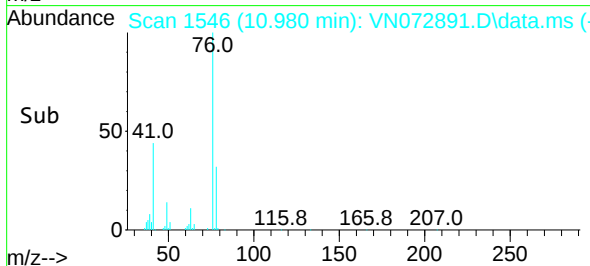
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



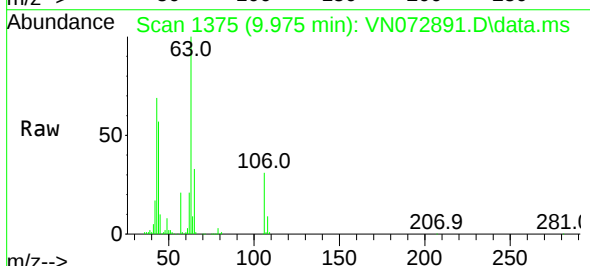
Tgt Ion: 76 Resp: 147410
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.2

Manual Integrations
APPROVED

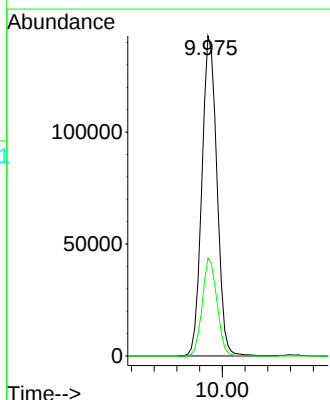
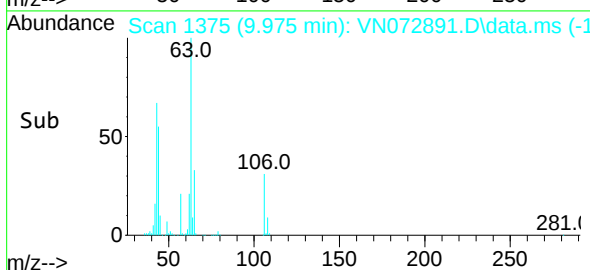
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

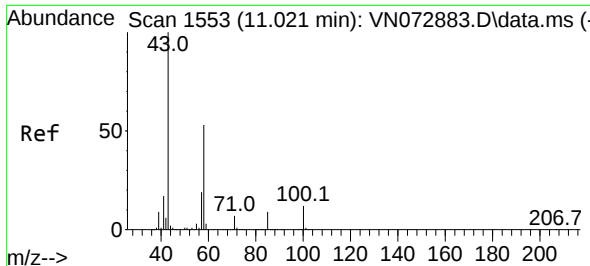


#58
2-Chloroethyl Vinyl ether
Concen: 107.436 ug/l
RT: 9.975 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26



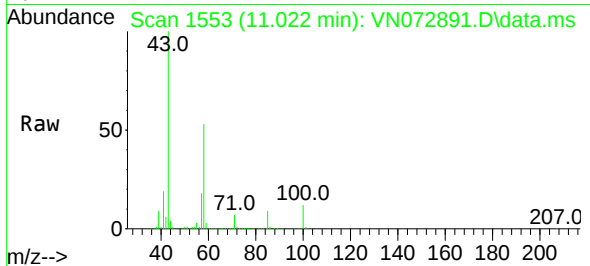
Tgt Ion: 63 Resp: 262867
Ion Ratio Lower Upper
63 100
106 29.6 24.6 36.8





#59
2-Hexanone
Concen: 109.246 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

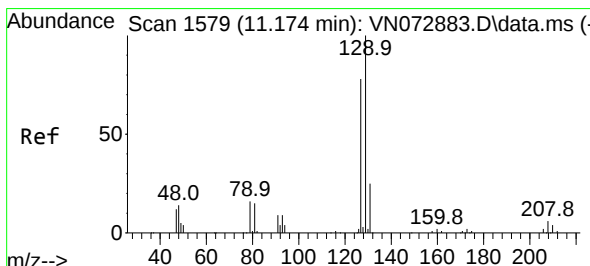
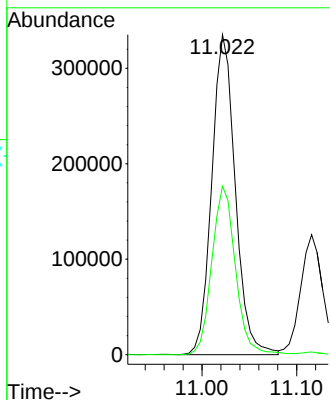
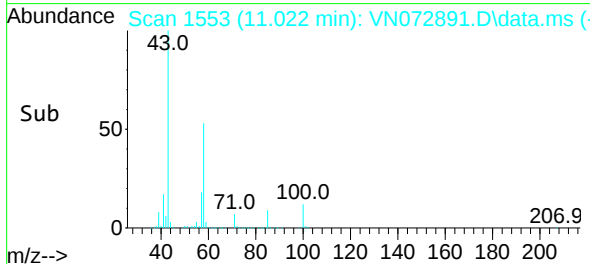
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



Tgt Ion: 43 Resp: 57875
Ion Ratio Lower Upper
43 100
58 52.8 29.7 89.1

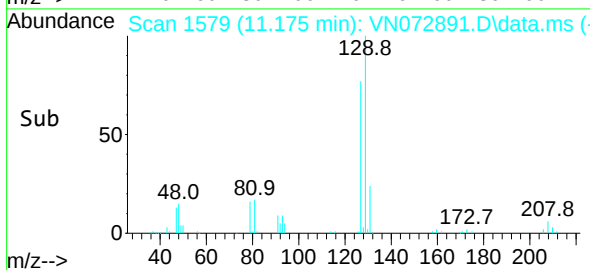
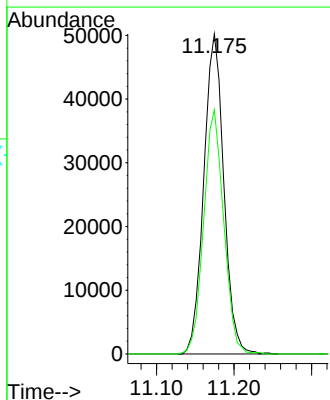
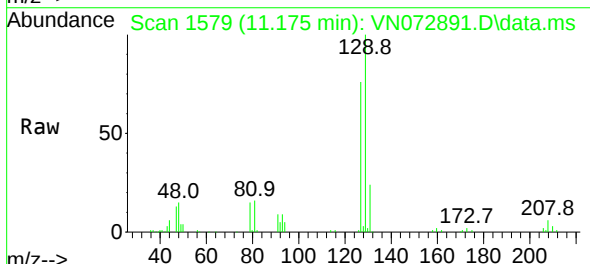
Manual Integrations
APPROVED

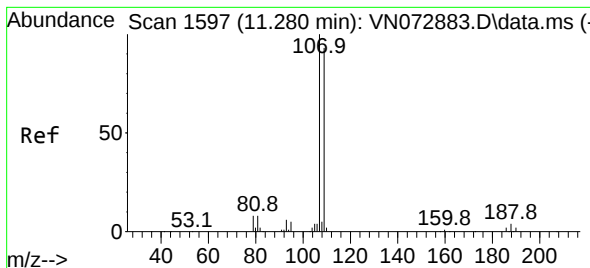
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#60
Dibromochloromethane
Concen: 20.602 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

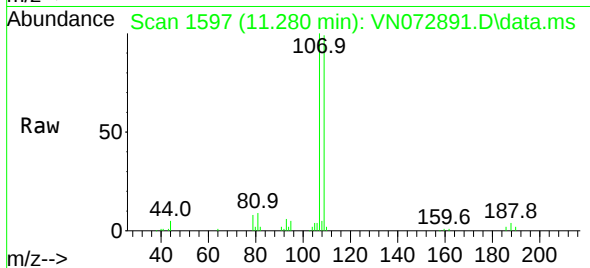
Tgt Ion:129 Resp: 90092
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.484 ug/l
RT: 11.280 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

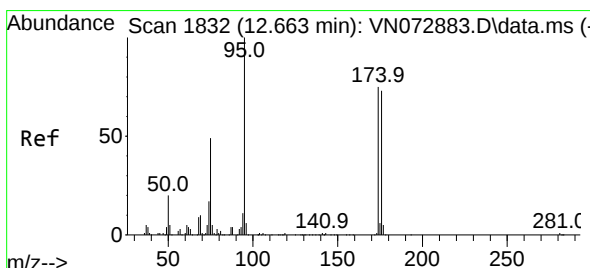
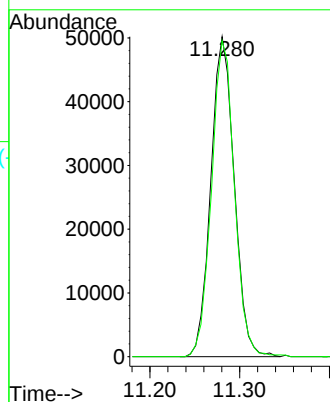
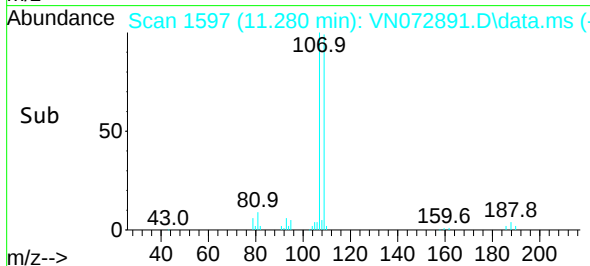
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



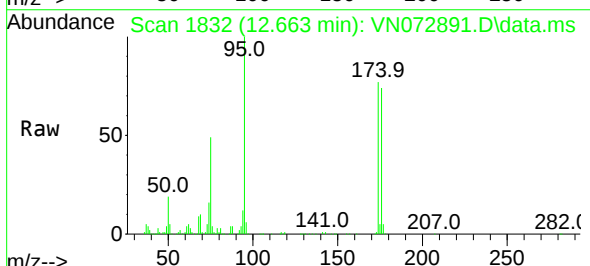
Tgt Ion:107 Resp: 90864
Ion Ratio Lower Upper
107 100
109 96.7 75.0 112.6

Manual Integrations
APPROVED

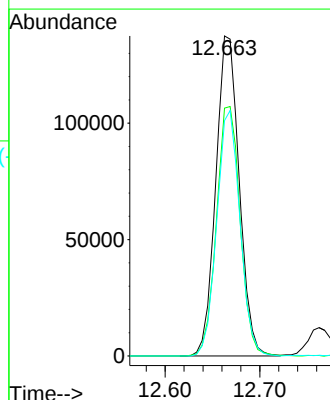
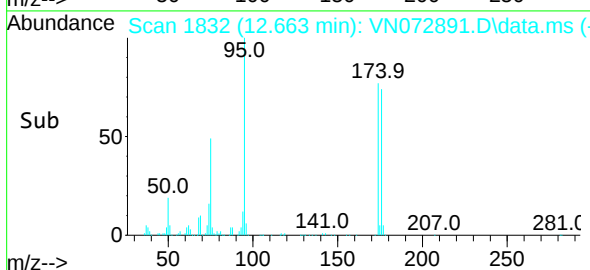
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

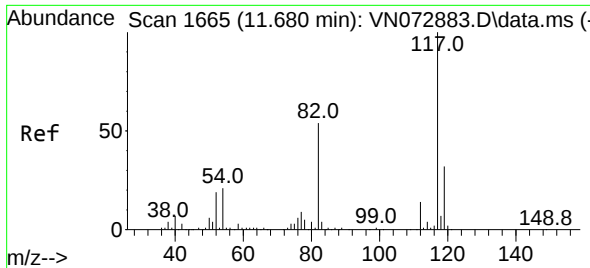


#62
4-Bromofluorobenzene
Concen: 48.556 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26



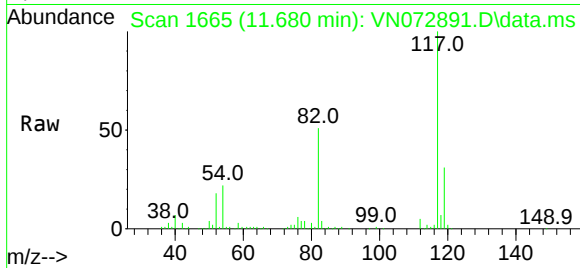
Tgt Ion: 95 Resp: 236381
Ion Ratio Lower Upper
95 100
174 78.7 0.0 167.6
176 75.7 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

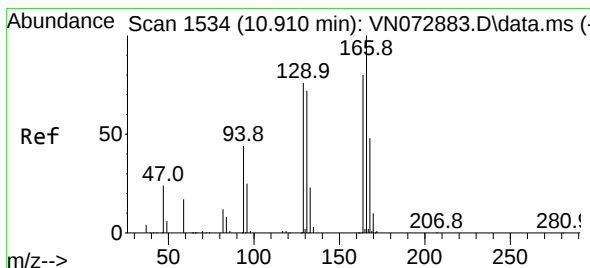
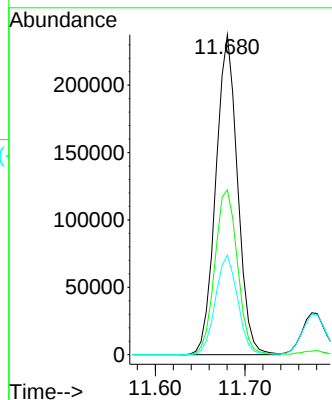
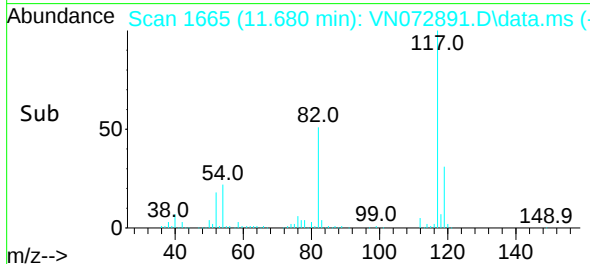
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



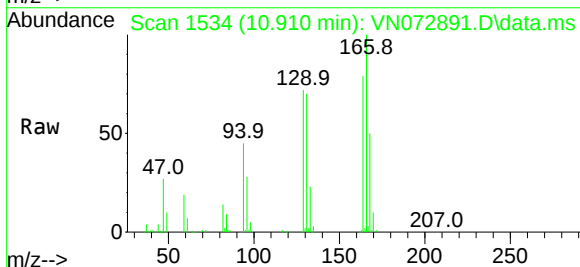
Tgt Ion:117 Resp: 399428
Ion Ratio Lower Upper
117 100
82 51.5 44.2 66.2
119 31.1 25.4 38.0

Manual Integrations
APPROVED

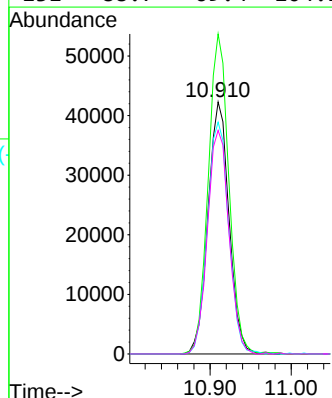
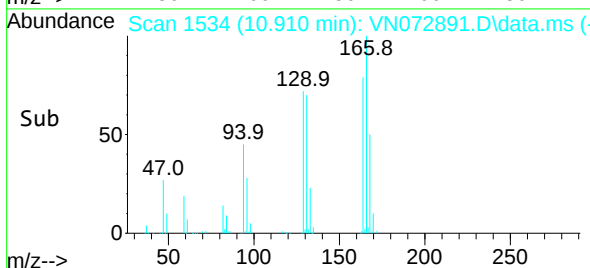
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

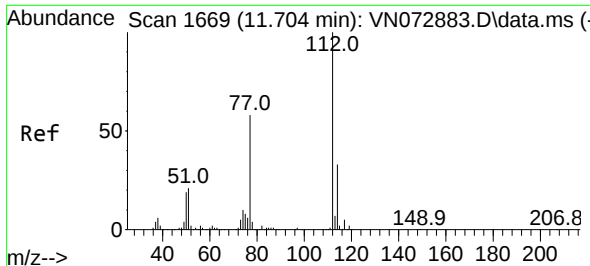


#64
Tetrachloroethene
Concen: 19.875 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26



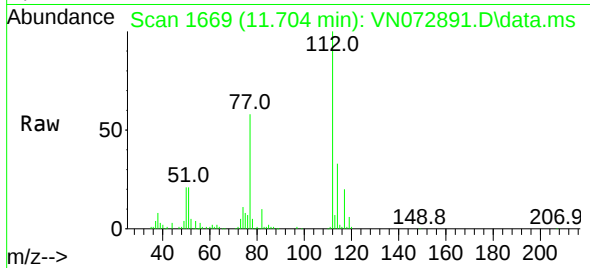
Tgt Ion:164 Resp: 76220
Ion Ratio Lower Upper
164 100
166 127.0 104.2 156.2
129 92.0 73.9 110.9
131 88.7 69.4 104.2





#65
Chlorobenzene
Concen: 20.128 ug/l
RT: 11.704 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

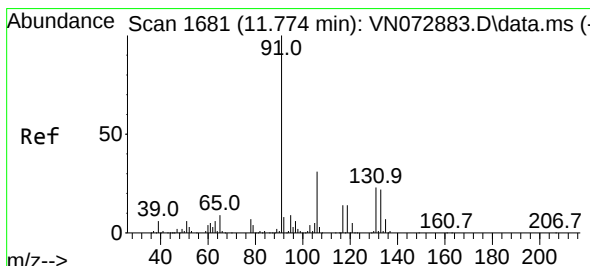
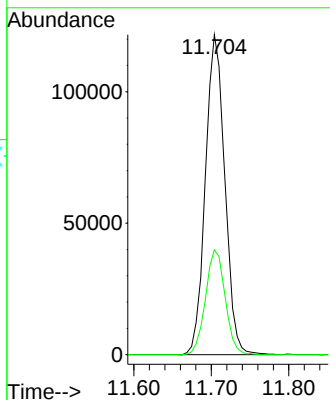
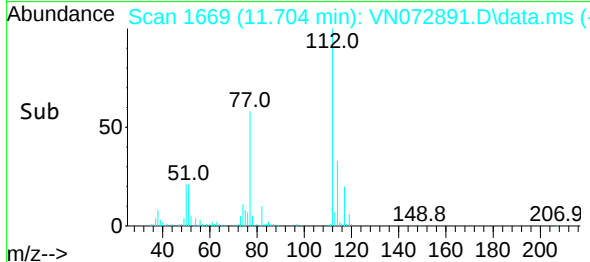
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



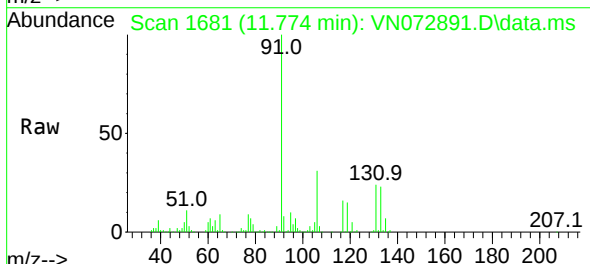
Tgt Ion:112 Resp: 211840
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.2

Manual Integrations
APPROVED

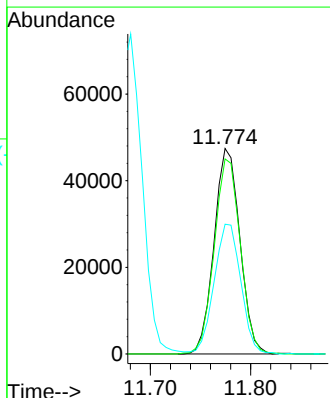
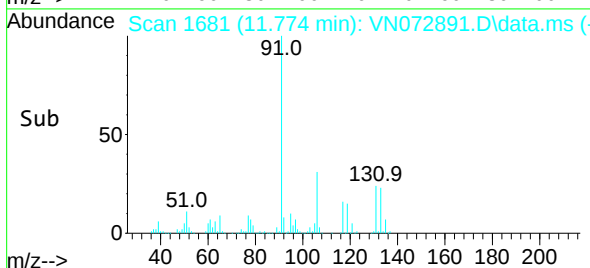
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

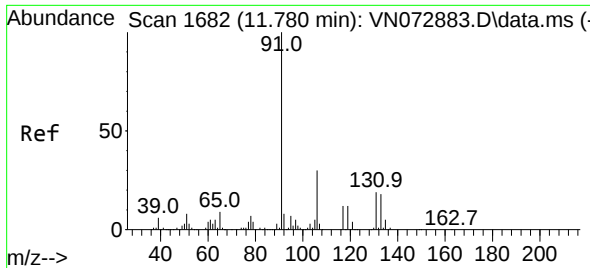


#66
1,1,1,2-Tetrachloroethane
Concen: 20.826 ug/l
RT: 11.774 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26



Tgt Ion:131 Resp: 84741
Ion Ratio Lower Upper
131 100
133 96.0 47.8 143.4
119 65.3 33.4 100.2





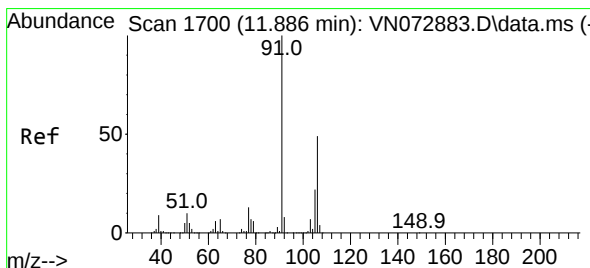
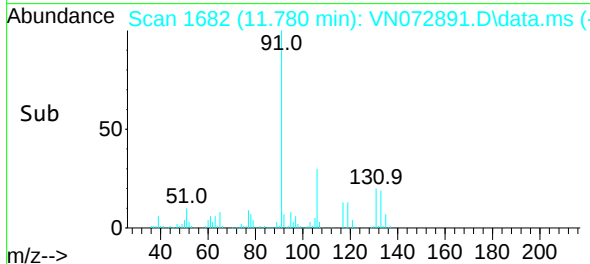
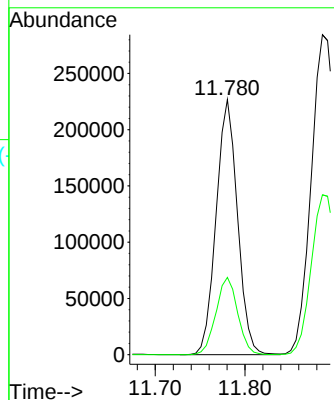
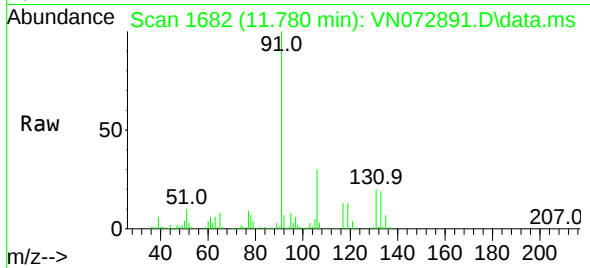
#67
Ethyl Benzene
Concen: 20.133 ug/l
RT: 11.780 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Tgt Ion: 91 Resp: 374479
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3

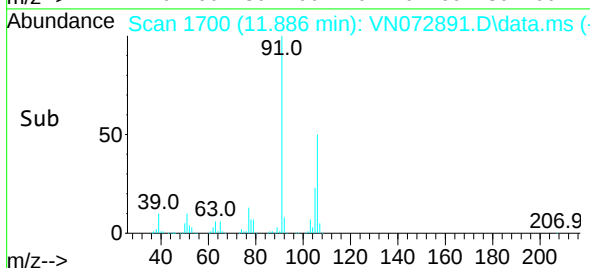
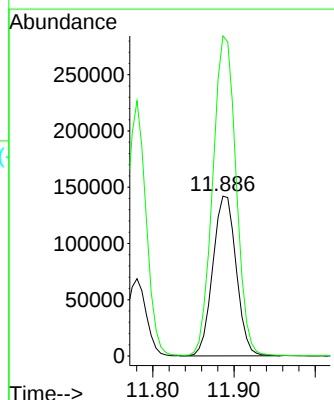
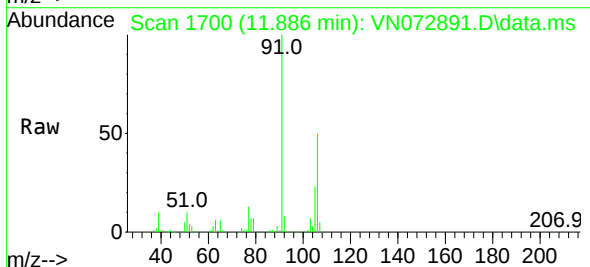
Manual Integrations
APPROVED

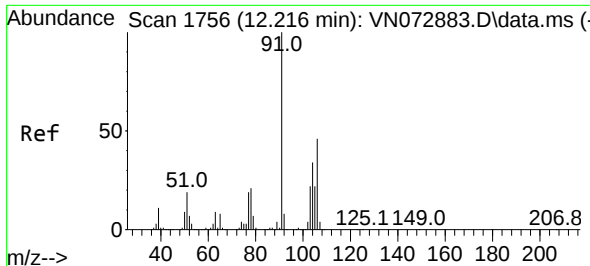
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#68
m/p-Xylenes
Concen: 39.780 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

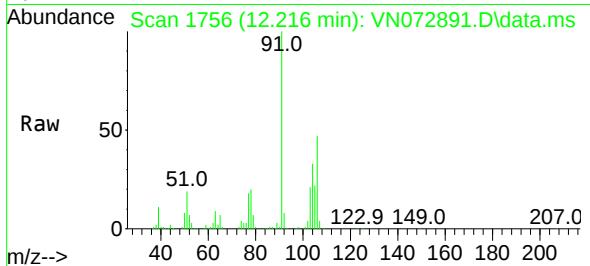
Tgt Ion:106 Resp: 284101
Ion Ratio Lower Upper
106 100
91 200.4 158.9 238.3





#69
o-Xylene
Concen: 20.096 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

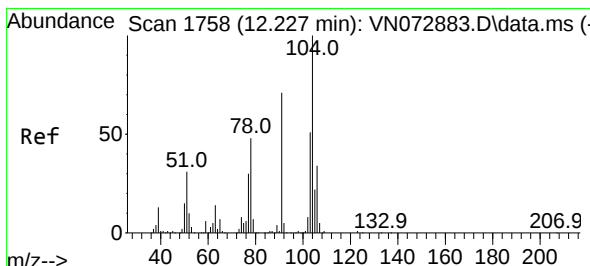
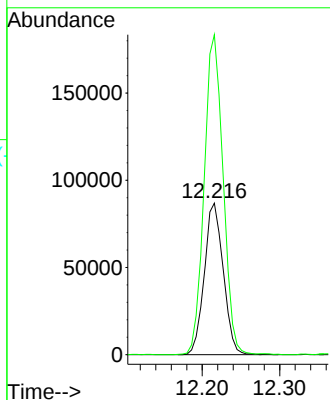
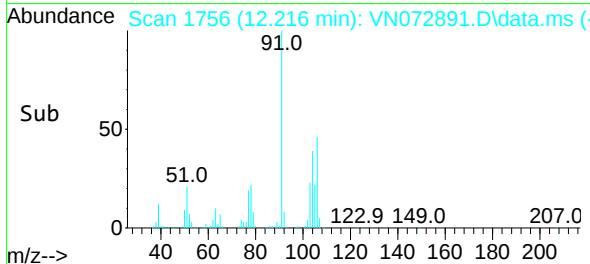
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



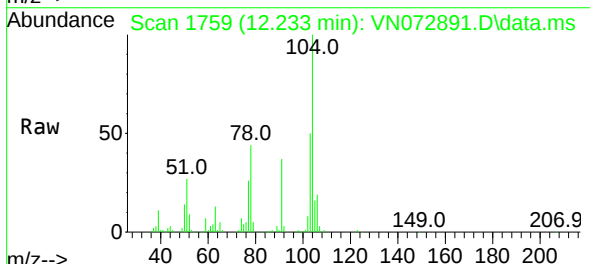
Tgt Ion:106 Resp: 147248
Ion Ratio Lower Upper
106 100
91 211.4 106.0 318.0

Manual Integrations
APPROVED

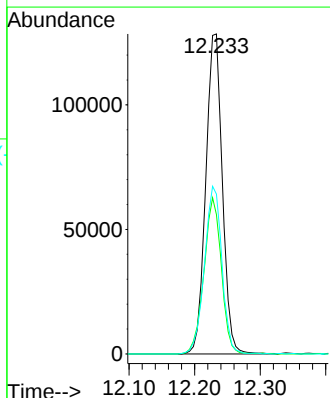
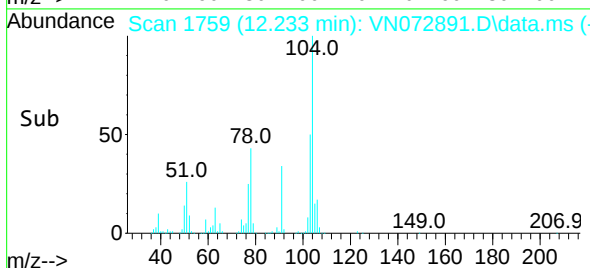
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

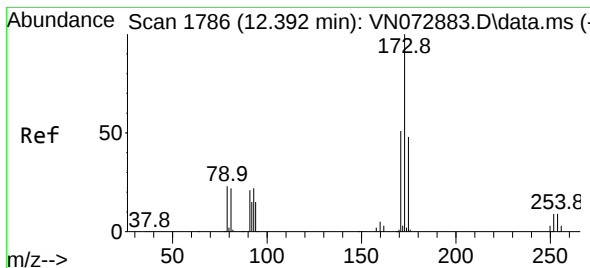


#70
Styrene
Concen: 19.950 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.006 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26



Tgt Ion:104 Resp: 226266
Ion Ratio Lower Upper
104 100
78 51.1 39.5 59.3
103 55.3 44.0 66.0





#71

Bromoform

Concen: 20.440 ug/l

RT: 12.392 min Scan# 1786

Delta R.T. 0.000 min

Lab File: VN072891.D

Acq: 16 Jun 2022 20:26

Instrument :

MSVOA_N

ClientSampleId :

VN0616WBSD01

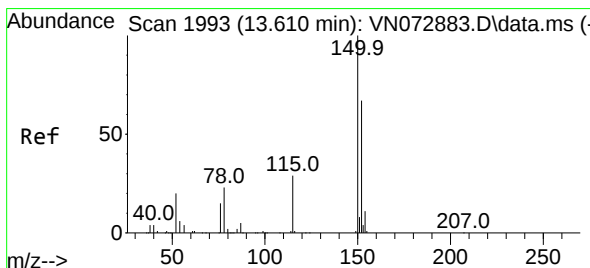
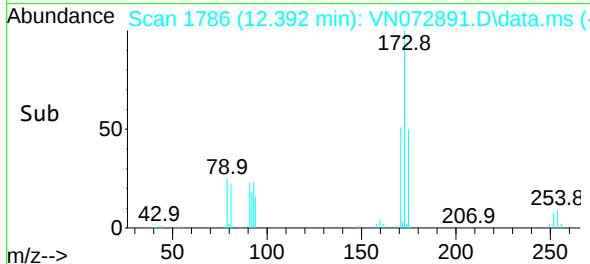
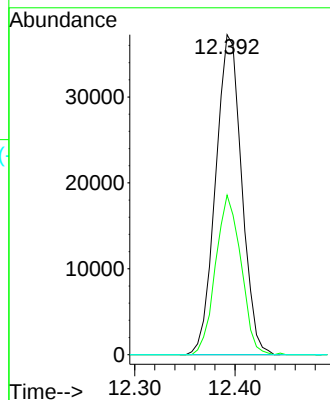
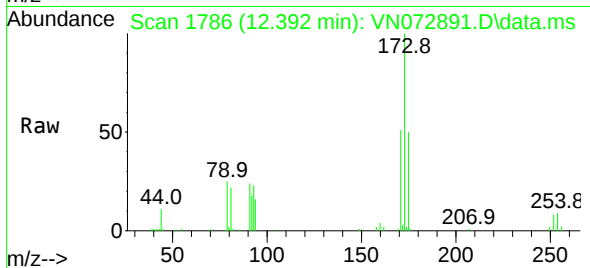
Tgt Ion:173 Resp: 67200
 Ion Ratio Lower Upper
 173 100
 175 48.7 24.6 73.6
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

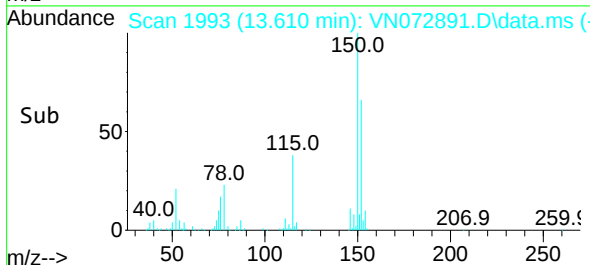
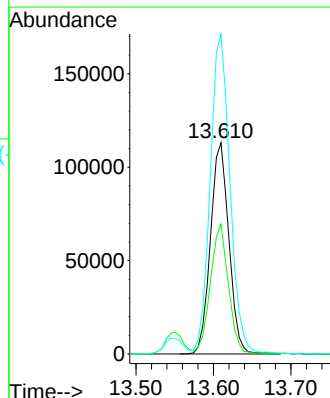
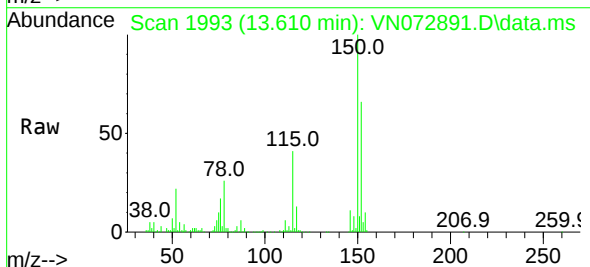
RT: 13.610 min Scan# 1993

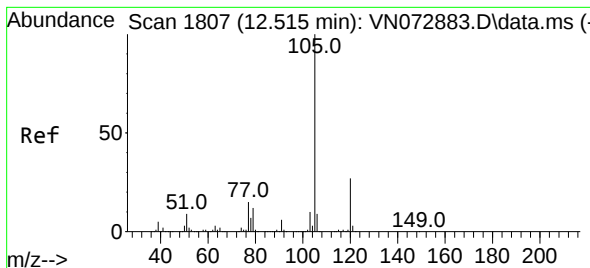
Delta R.T. 0.000 min

Lab File: VN072891.D

Acq: 16 Jun 2022 20:26

Tgt Ion:152 Resp: 186542
 Ion Ratio Lower Upper
 152 100
 115 60.5 28.9 86.7
 150 162.3 0.0 356.2





#73

Isopropylbenzene

Concen: 19.989 ug/l

RT: 12.516 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN072891.D

Acq: 16 Jun 2022 20:26

Instrument :

MSVOA_N

ClientSampleId :

VN0616WBSD01

Tgt Ion:105 Resp: 35559

Ion Ratio Lower Upper

105 100

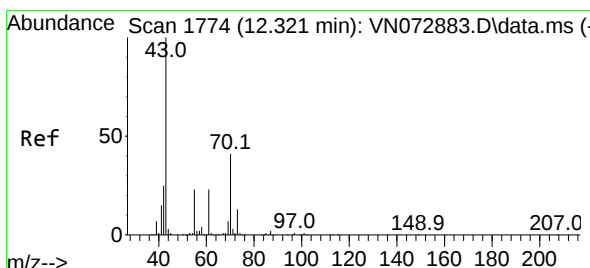
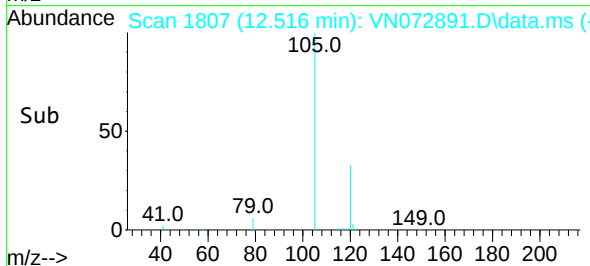
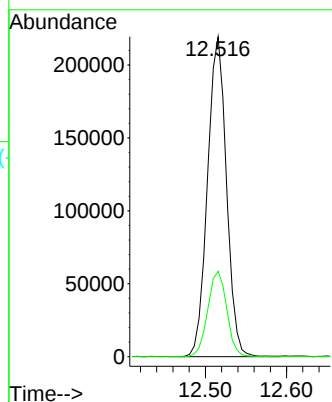
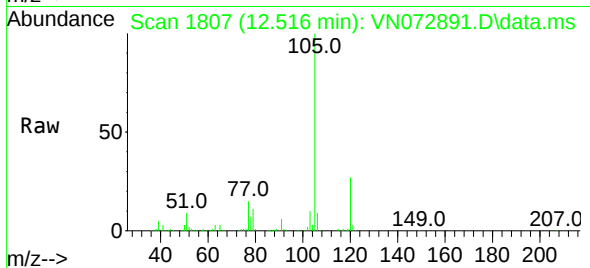
120 26.7 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#74

N-ethyl acetate

Concen: 21.969 ug/l

RT: 12.327 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VN072891.D

Acq: 16 Jun 2022 20:26

Tgt Ion: 43 Resp: 168043

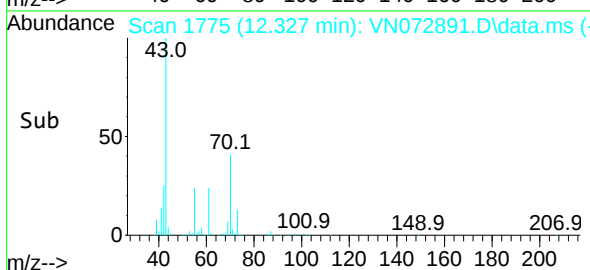
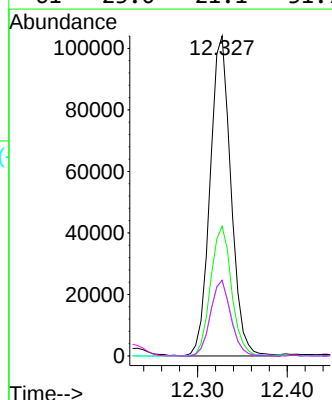
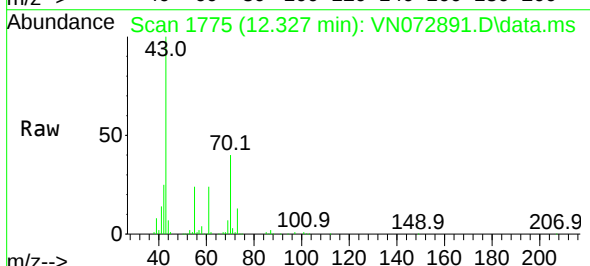
Ion Ratio Lower Upper

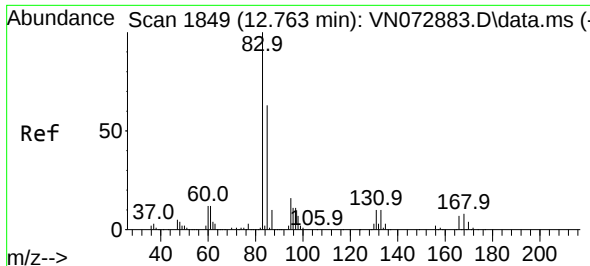
43 100

70 40.6 39.0 58.4

55 23.5 21.1 31.7

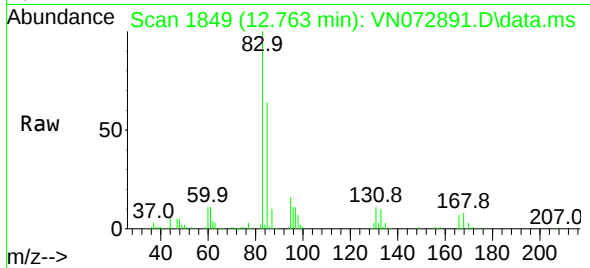
61 23.0 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 21.928 ug/l
RT: 12.763 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

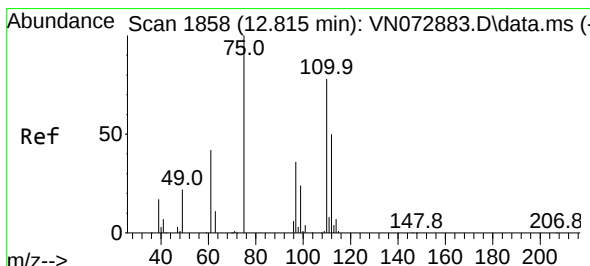
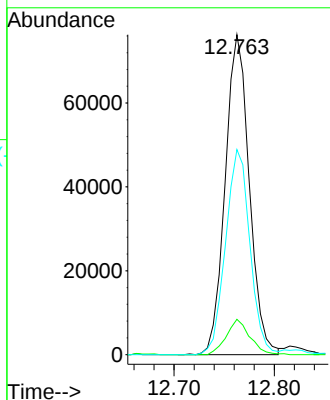
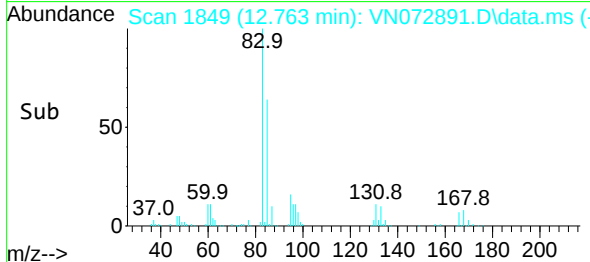
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



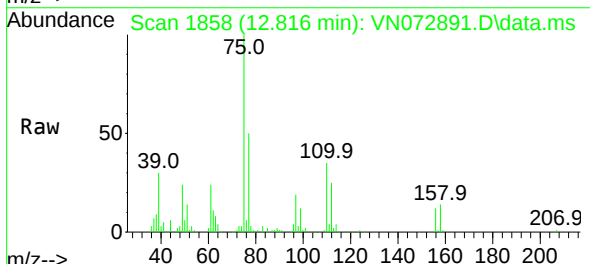
Tgt Ion: 83 Resp: 127552
Ion Ratio Lower Upper
83 100
131 10.8 5.3 15.9
85 64.7 32.3 96.9

Manual Integrations
APPROVED

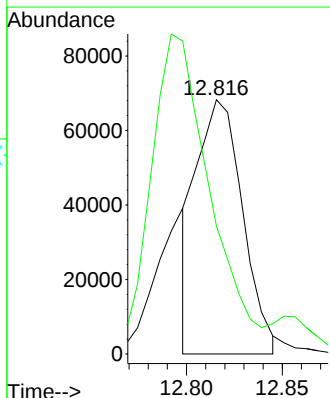
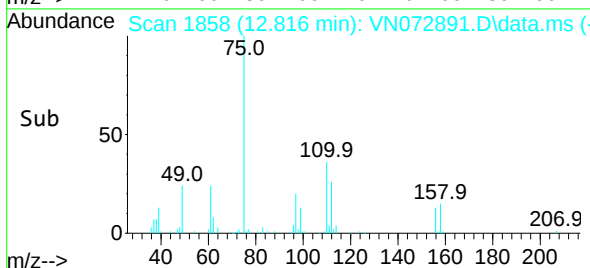
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

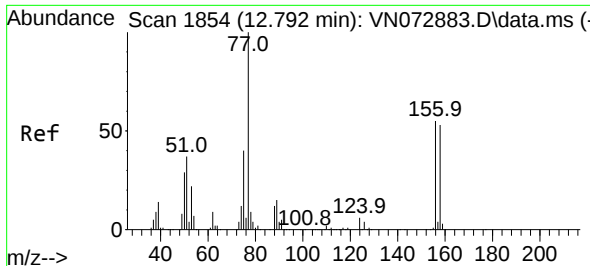


#76
1,2,3-Trichloropropane
Concen: 20.706 ug/l m
RT: 12.816 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26



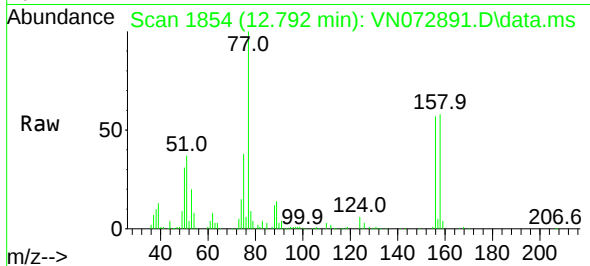
Tgt Ion: 75 Resp: 114812
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 20.675 ug/l
RT: 12.792 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

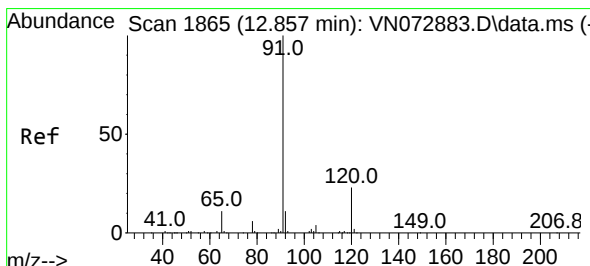
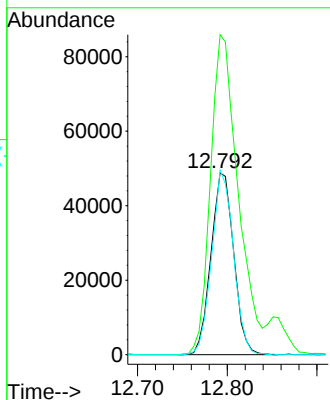
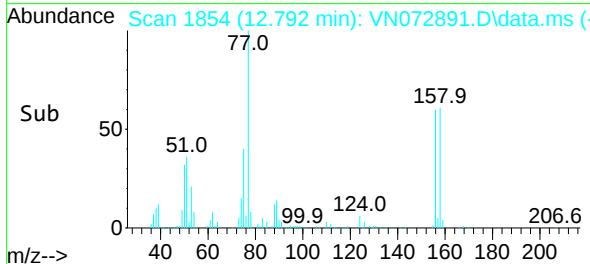
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



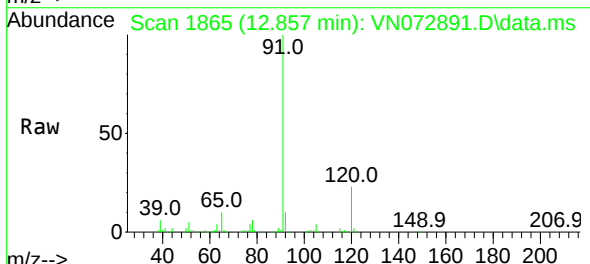
Tgt Ion:156 Resp: 8595
Ion Ratio Lower Upper
156 100
77 213.2 100.5 301.5
158 97.0 48.9 146.6

Manual Integrations
APPROVED

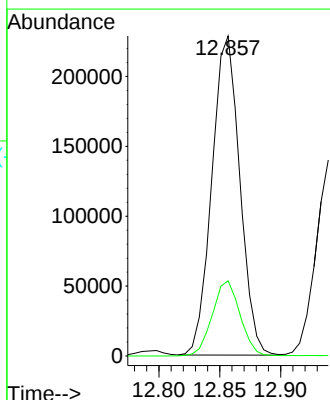
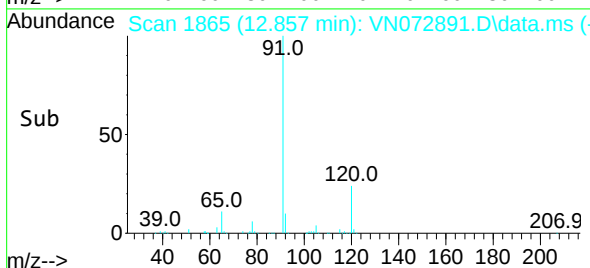
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

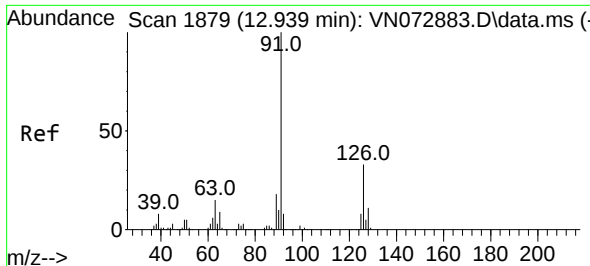


#78
n-propylbenzene
Concen: 19.651 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26



Tgt Ion: 91 Resp: 364587
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.5





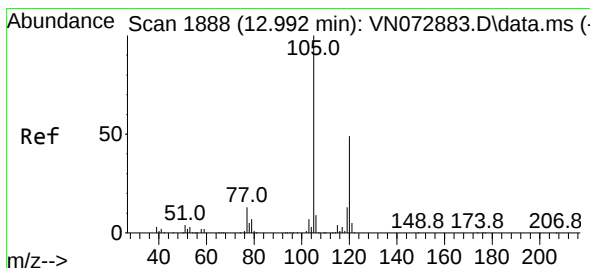
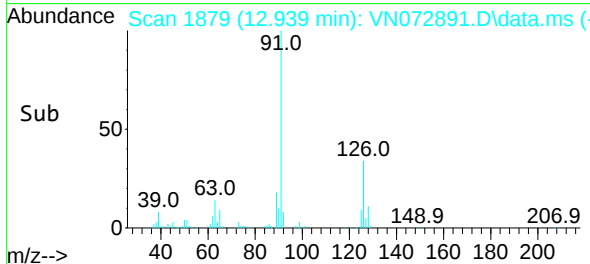
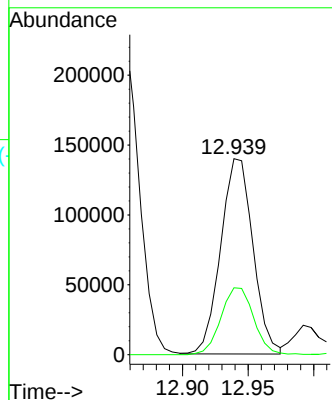
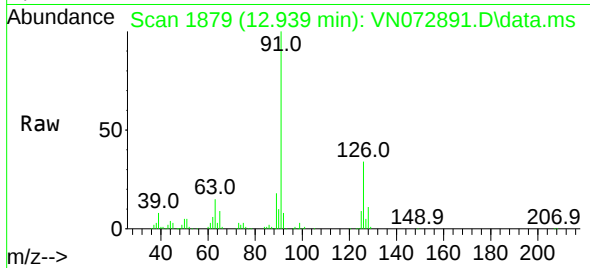
#79
2-Chlorotoluene
Concen: 19.864 ug/l
RT: 12.939 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Tgt Ion: 91 Resp: 23944
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.9

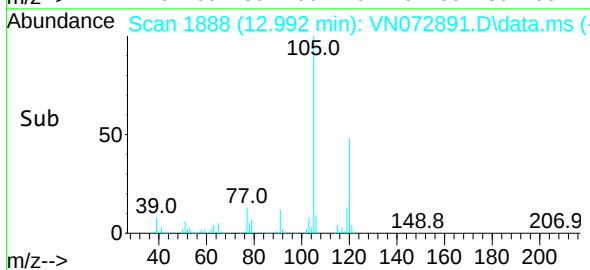
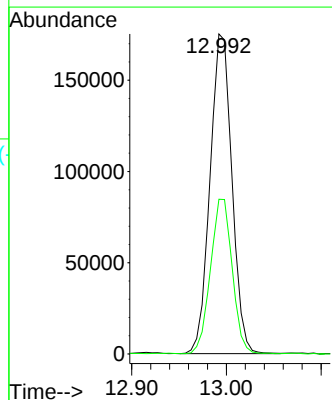
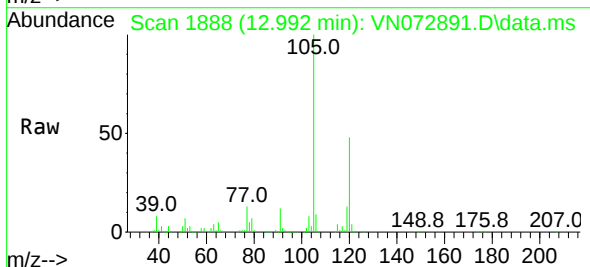
Manual Integrations
APPROVED

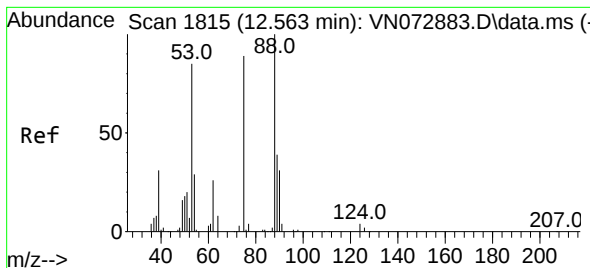
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.703 ug/l
RT: 12.992 min Scan# 1888
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

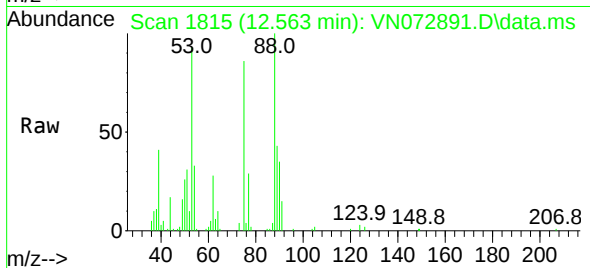
Tgt Ion:105 Resp: 280893
Ion Ratio Lower Upper
105 100
120 48.0 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 18.223 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

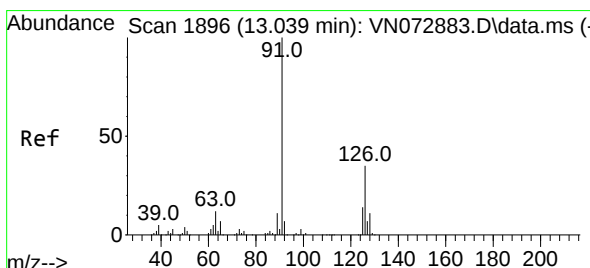
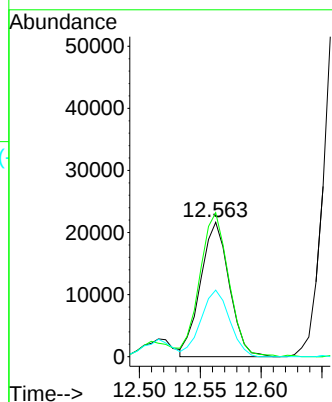
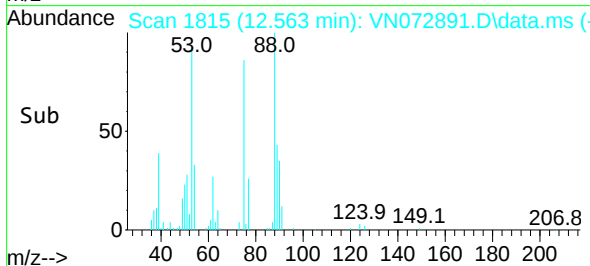
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



Tgt Ion: 75 Resp: 35475
Ion Ratio Lower Upper
75 100
53 107.6 78.0 117.0
89 49.6 37.2 55.8

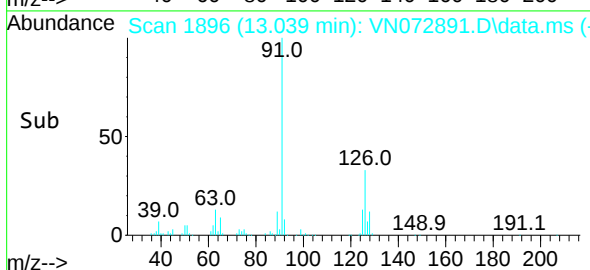
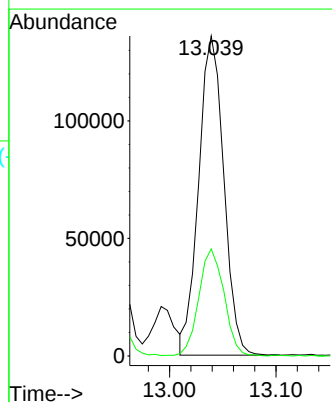
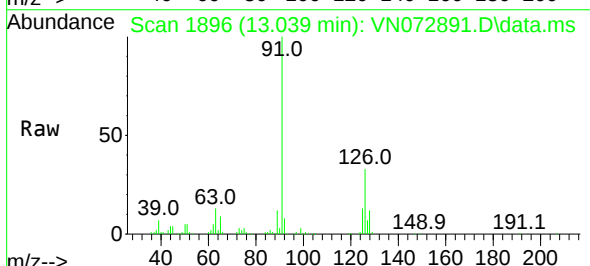
Manual Integrations
APPROVED

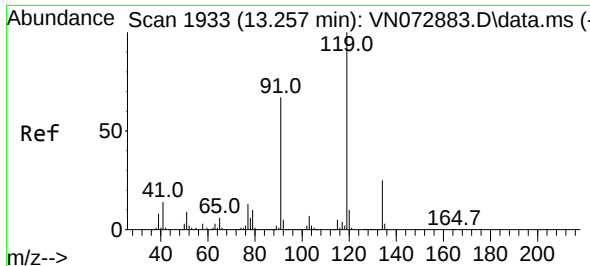
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#82
4-Chlorotoluene
Concen: 19.999 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

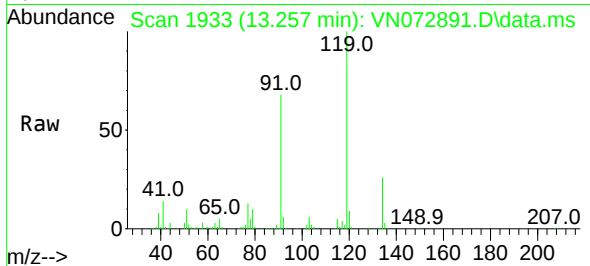
Tgt Ion: 91 Resp: 222886
Ion Ratio Lower Upper
91 100
126 33.7 17.2 51.6





#83
tert-Butylbenzene
Concen: 19.039 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

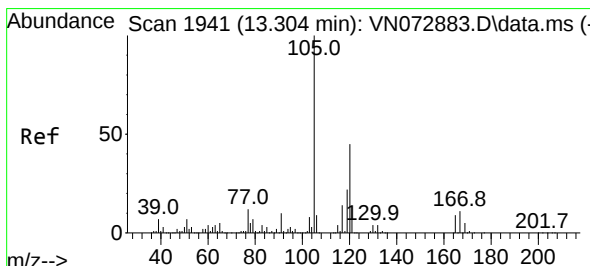
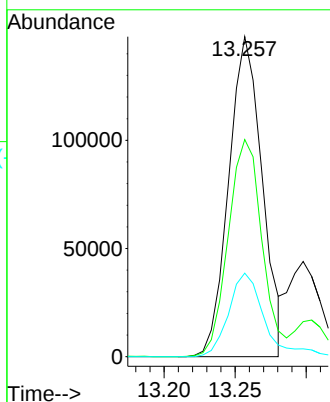
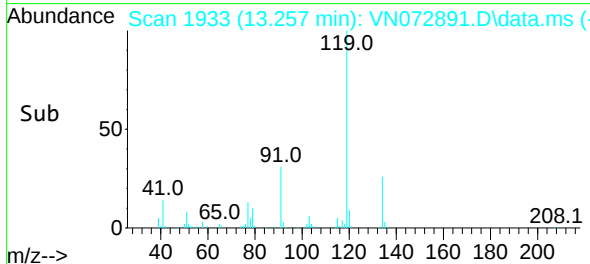
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



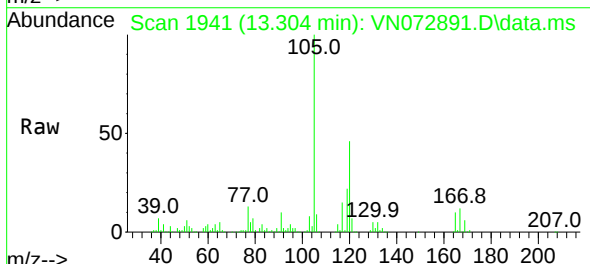
Tgt Ion:119 Resp: 24295
Ion Ratio Lower Upper
119 100
91 68.8 31.6 94.8
134 27.9 13.7 41.1

Manual Integrations
APPROVED

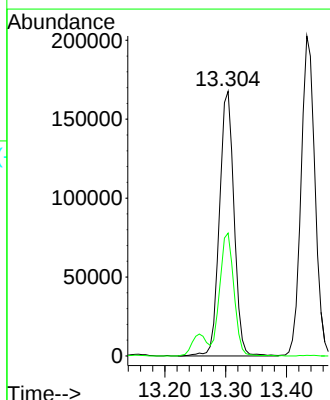
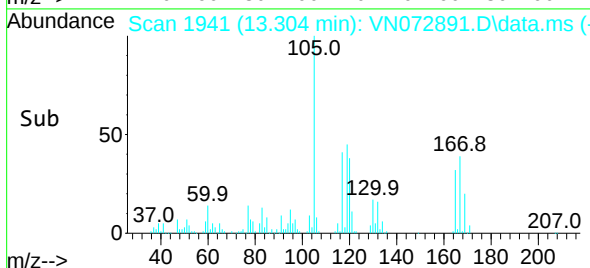
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

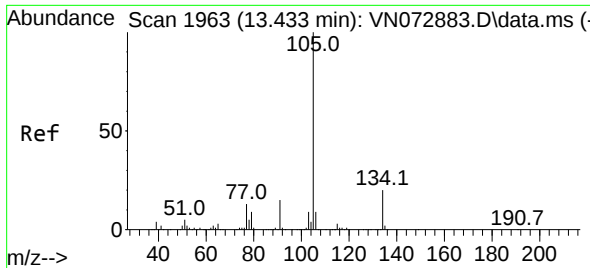


#84
1,2,4-Trimethylbenzene
Concen: 20.343 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26



Tgt Ion:105 Resp: 278813
Ion Ratio Lower Upper
105 100
120 45.3 23.3 69.8





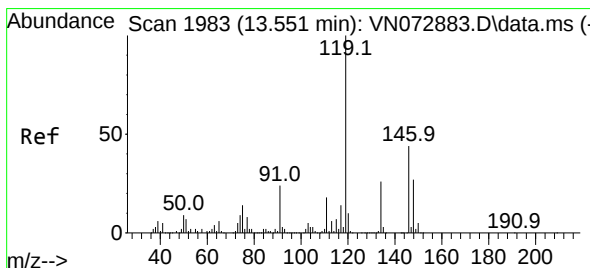
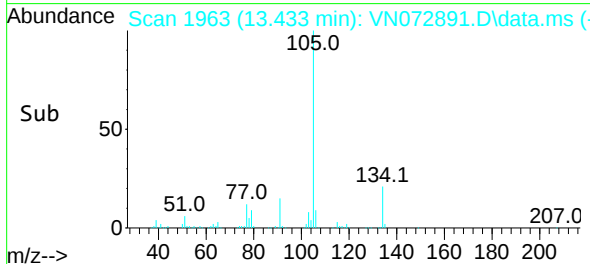
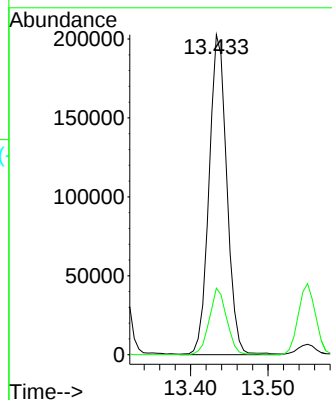
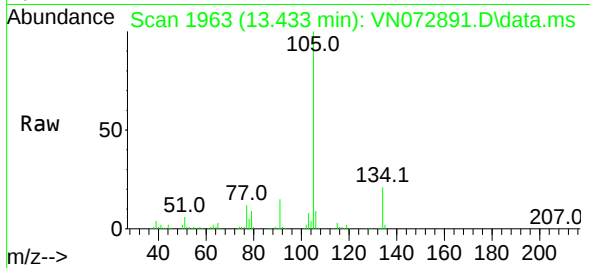
#85
 sec-Butylbenzene
 Concen: 19.489 ug/l
 RT: 13.433 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VN072891.D
 Acq: 16 Jun 2022 20:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616WBSD01

Tgt Ion:105 Resp: 322400
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1

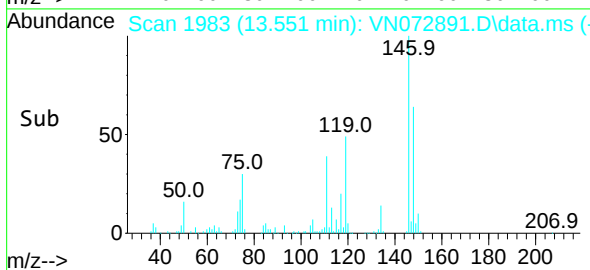
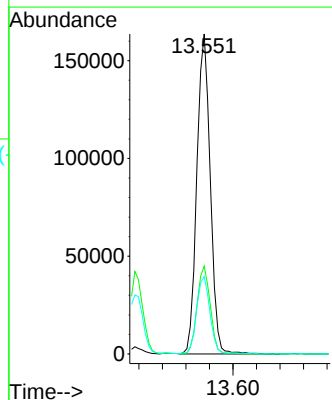
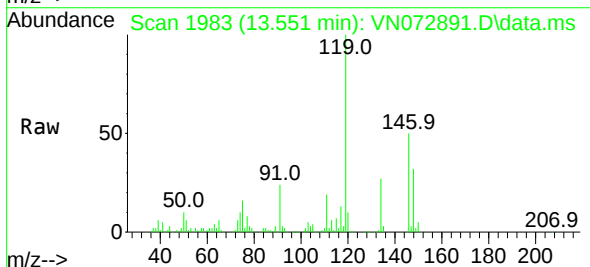
Manual Integrations
 APPROVED

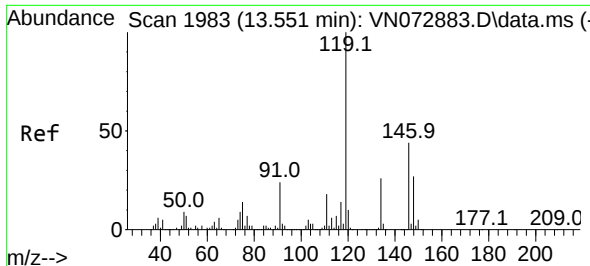
Reviewed By :John Carlone 06/20/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#86
 p-Isopropyltoluene
 Concen: 19.411 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN072891.D
 Acq: 16 Jun 2022 20:26

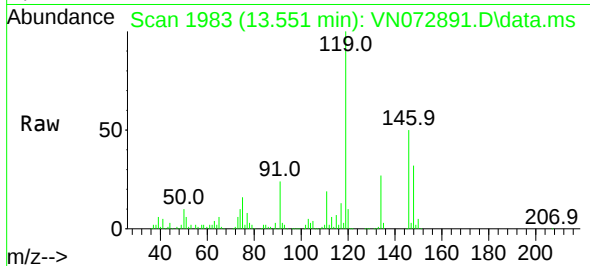
Tgt Ion:119 Resp: 259173
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 24.3 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 20.042 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

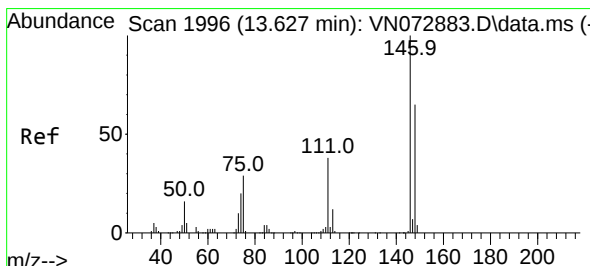
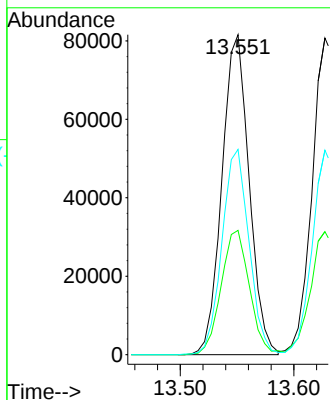
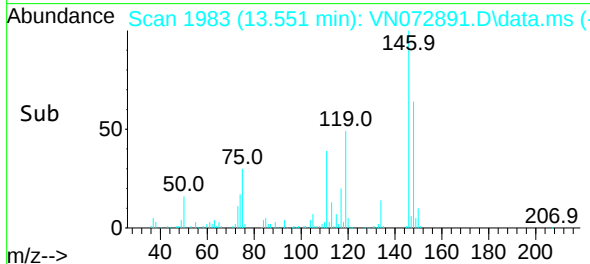
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



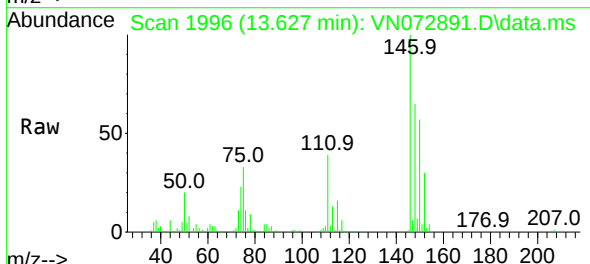
Tgt Ion:146 Resp: 135783
Ion Ratio Lower Upper
146 100
111 40.7 20.0 60.0
148 64.0 32.0 96.0

Manual Integrations
APPROVED

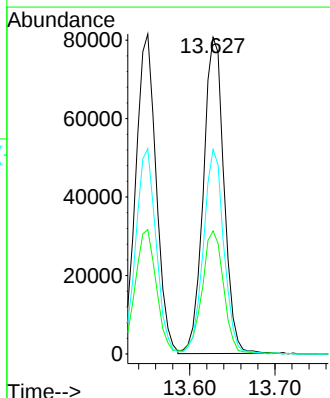
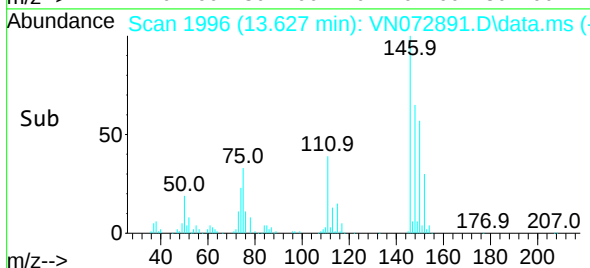
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

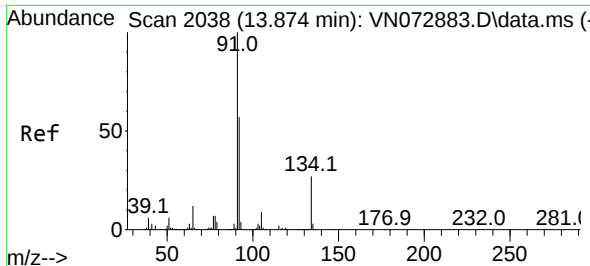


#88
1,4-Dichlorobenzene
Concen: 19.780 ug/l
RT: 13.627 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26



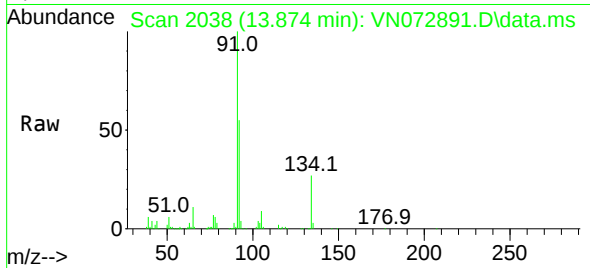
Tgt Ion:146 Resp: 135136
Ion Ratio Lower Upper
146 100
111 40.0 19.1 57.1
148 64.3 31.4 94.3





#89
n-Butylbenzene
Concen: 18.840 ug/l
RT: 13.874 min Scan# 2038
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

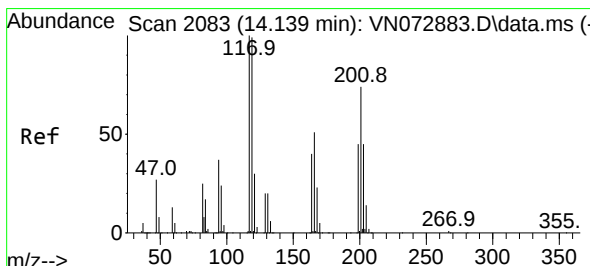
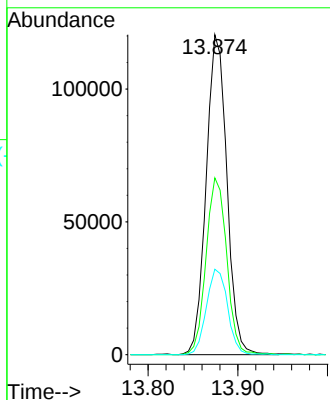
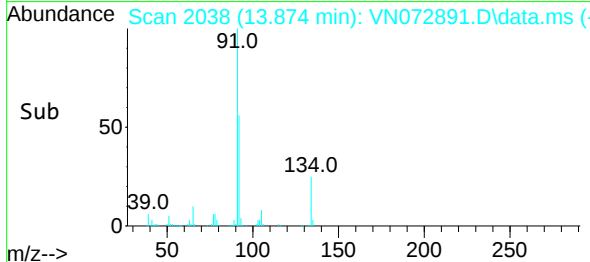
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



Tgt Ion: 91 Resp: 193348
Ion Ratio Lower Upper
91 100
92 55.2 26.9 80.7
134 27.4 13.6 40.8

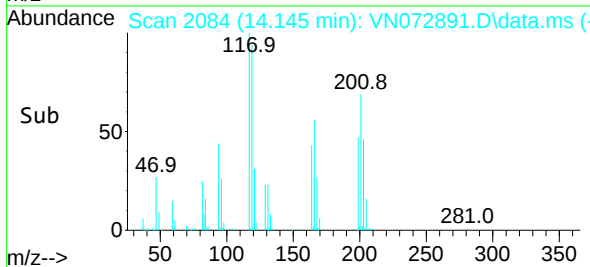
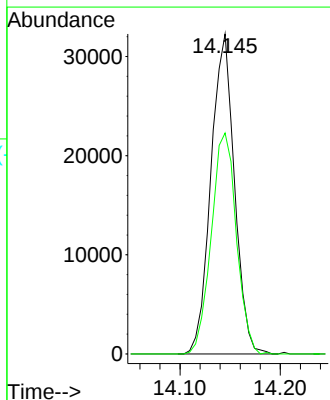
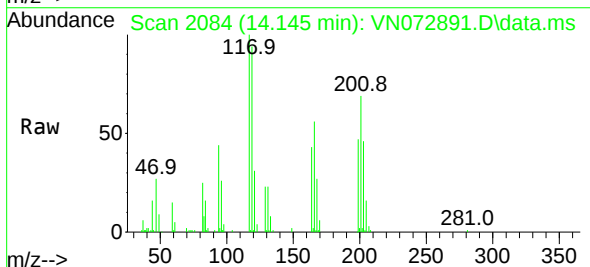
Manual Integrations
APPROVED

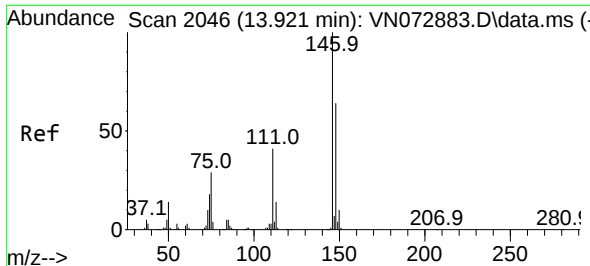
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#90
Hexachloroethane
Concen: 18.215 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. 0.006 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

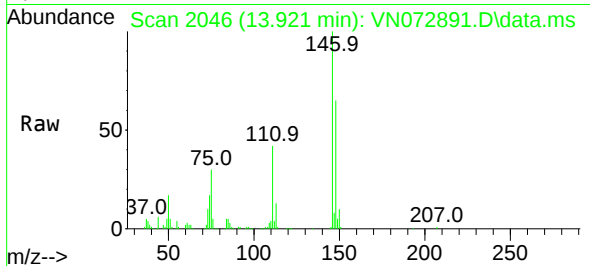
Tgt Ion:117 Resp: 52582
Ion Ratio Lower Upper
117 100
201 73.6 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 20.671 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

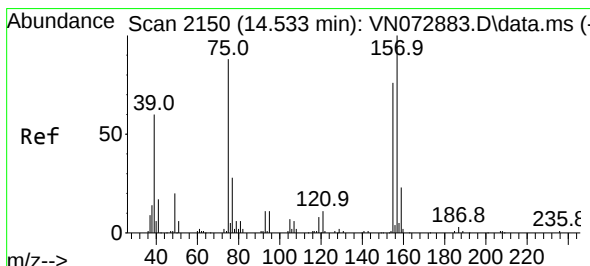
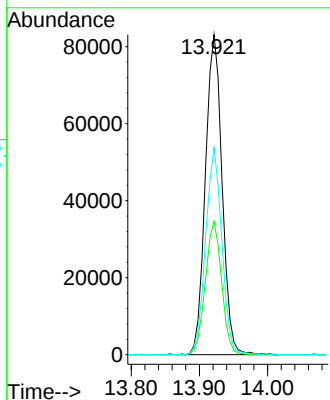
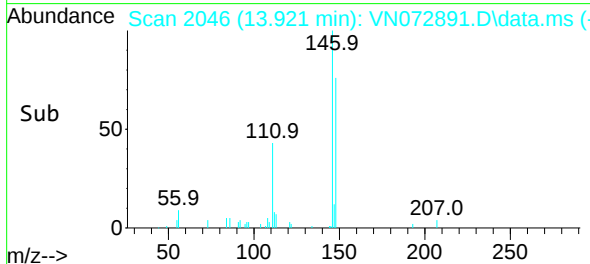
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



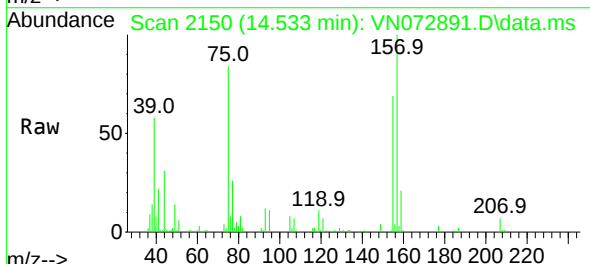
Tgt Ion:146 Resp: 14158
Ion Ratio Lower Upper
146 100
111 40.7 20.9 62.8
148 63.2 32.1 96.3

Manual Integrations
APPROVED

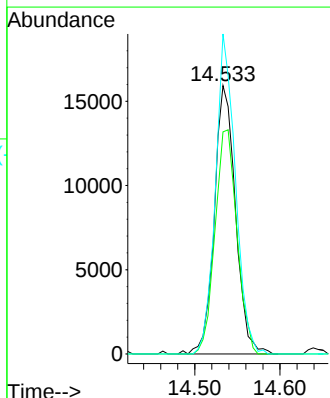
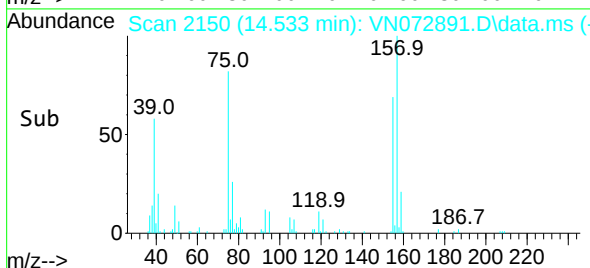
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

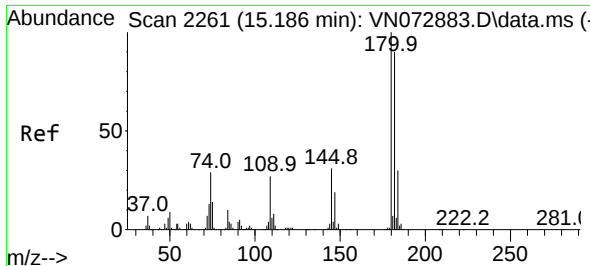


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.560 ug/l
RT: 14.533 min Scan# 2150
Delta R.T. 0.000 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26



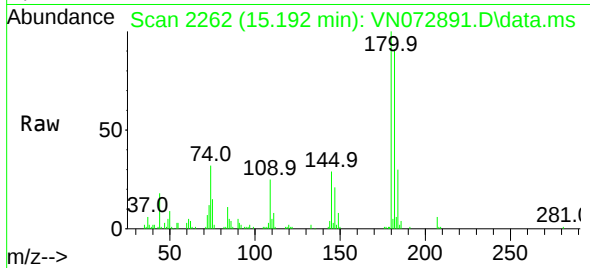
Tgt Ion: 75 Resp: 27535
Ion Ratio Lower Upper
75 100
155 86.5 44.9 134.5
157 112.4 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 20.592 ug/l
RT: 15.192 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26

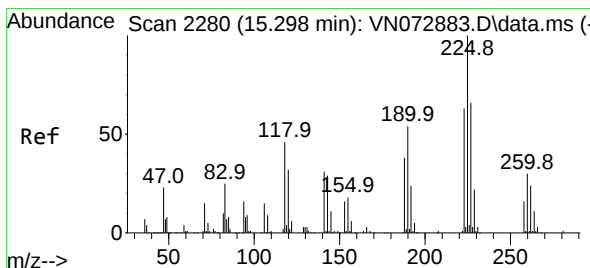
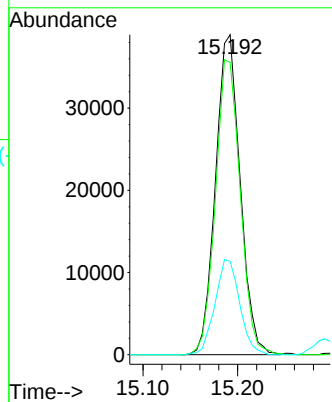
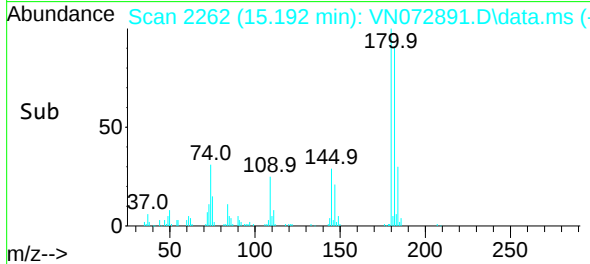
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



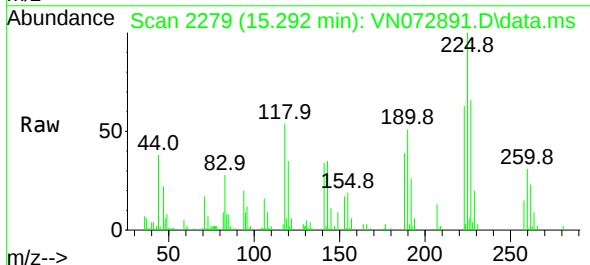
Tgt Ion:180 Resp: 70484
Ion Ratio Lower Upper
180 100
182 92.7 47.5 142.5
145 29.8 14.5 43.5

Manual Integrations
APPROVED

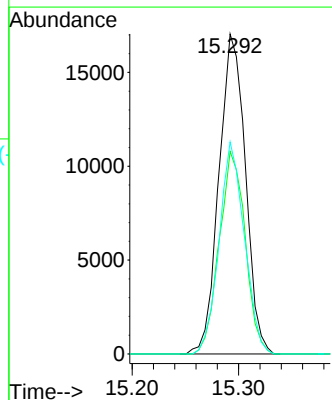
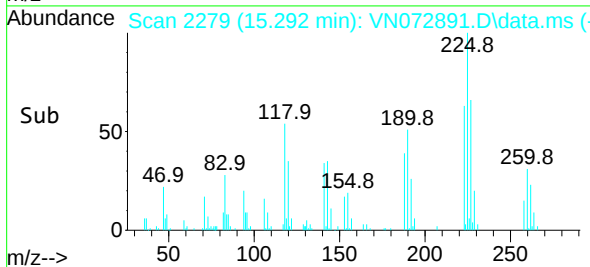
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

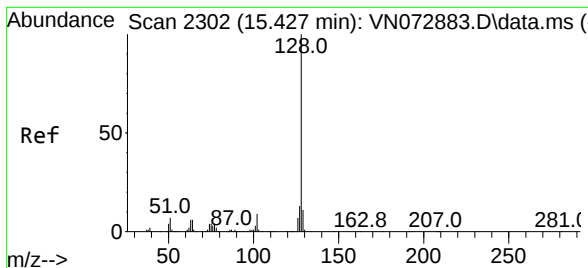


#94
Hexachlorobutadiene
Concen: 17.318 ug/l
RT: 15.292 min Scan# 2279
Delta R.T. -0.006 min
Lab File: VN072891.D
Acq: 16 Jun 2022 20:26



Tgt Ion:225 Resp: 29342
Ion Ratio Lower Upper
225 100
223 62.2 32.4 97.2
227 63.3 31.8 95.4





#95

Naphthalene

Concen: 22.399 ug/l

RT: 15.427 min Scan# 2302

Delta R.T. 0.000 min

Lab File: VN072891.D

Acq: 16 Jun 2022 20:26

Instrument :

MSVOA_N

ClientSampleId :

VN0616WBSD01

Tgt Ion:128 Resp: 264732

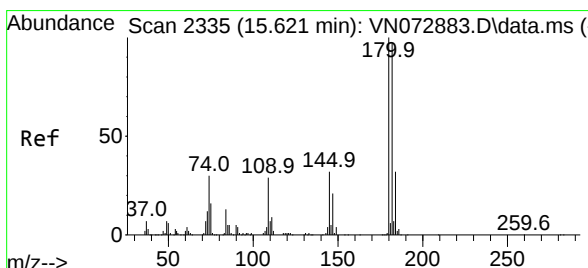
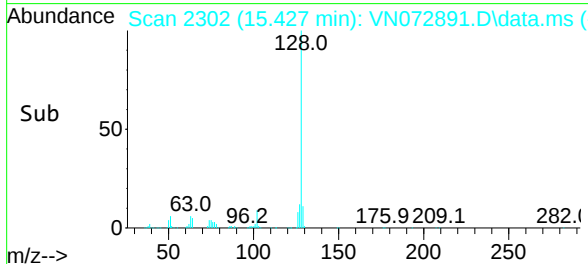
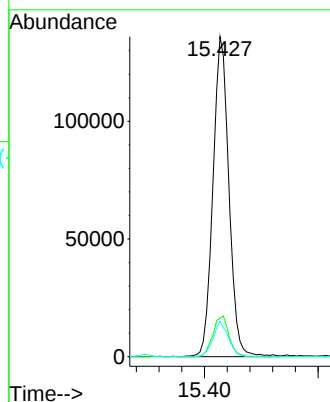
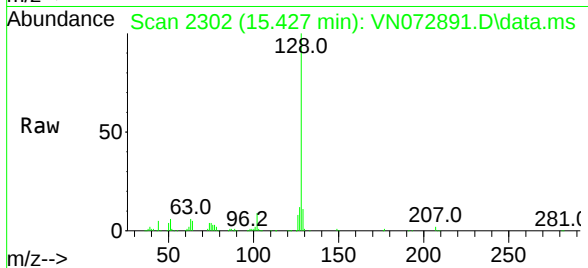
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.6	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#96

1,2,3-Trichlorobenzene

Concen: 21.313 ug/l

RT: 15.621 min Scan# 2335

Delta R.T. 0.000 min

Lab File: VN072891.D

Acq: 16 Jun 2022 20:26

Tgt Ion:180 Resp: 72445

Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.8	143.3
145	33.2	15.5	46.5

