

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071222\
 Data File : VN073431.D
 Acq On : 12 Jul 2022 12:55
 Operator : JC\MD
 Sample : VN0712WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

Quant Time: Jul 13 06:17:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	201420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	344348	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	314043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	147828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	157574	54.192	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.380%			
35) Dibromofluoromethane	7.951	113	122405	53.429	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.860%			
50) Toluene-d8	10.375	98	410522	50.452	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.900%			
62) 4-Bromofluorobenzene	12.669	95	163115	52.164	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	55283	18.773	ug/l	96
3) Chloromethane	2.269	50	51221	17.916	ug/l	98
4) Vinyl Chloride	2.404	62	44333	18.250	ug/l	99
5) Bromomethane	2.804	94	22884	19.945	ug/l	88
6) Chloroethane	2.969	64	29938	20.951	ug/l	99
7) Trichlorofluoromethane	3.322	101	82488	19.642	ug/l	92
8) Diethyl Ether	3.763	74	35181	20.579	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.134	101	49797	20.068	ug/l	97
10) Methyl Iodide	4.351	142	45997	16.577	ug/l	96
11) Tert butyl alcohol	5.275	59	77774	110.415	ug/l	99
12) 1,1-Dichloroethene	4.110	96	44861	18.920	ug/l	85
13) Acrolein	3.975	56	36140	81.174	ug/l	98
14) Allyl chloride	4.757	41	102746	20.569	ug/l #	91
15) Acrylonitrile	5.469	53	216458	119.375	ug/l	99
16) Acetone	4.222	43	198343	121.522	ug/l	99
17) Carbon Disulfide	4.451	76	102611	16.689	ug/l	98
18) Methyl Acetate	4.775	43	115390	25.228	ug/l #	88
19) Methyl tert-butyl Ether	5.534	73	189337	21.909	ug/l	94
20) Methylene Chloride	5.016	84	60754	21.181	ug/l	92
21) trans-1,2-Dichloroethene	5.522	96	49095	19.816	ug/l	93
22) Diisopropyl ether	6.410	45	217652	23.351	ug/l	95
23) Vinyl Acetate	6.351	43	912126	109.299	ug/l #	90
24) 1,1-Dichloroethane	6.304	63	106382	22.055	ug/l	98
25) 2-Butanone	7.257	43	316127	121.655	ug/l #	86
26) 2,2-Dichloropropane	7.245	77	79762	17.879	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	61732	20.575	ug/l	94
28) Bromochloromethane	7.586	49	48300	23.910	ug/l #	79
29) Tetrahydrofuran	7.604	42	213407	119.939	ug/l #	84
30) Chloroform	7.745	83	105010	21.615	ug/l	96
31) Cyclohexane	8.022	56	89328	18.758	ug/l	91
32) 1,1,1-Trichloroethane	7.939	97	88454	20.431	ug/l	99
36) 1,1-Dichloropropene	8.145	75	71366	20.245	ug/l	98
37) Ethyl Acetate	7.334	43	120876	22.694	ug/l	97
38) Carbon Tetrachloride	8.133	117	72979	20.019	ug/l	90
39) Methylcyclohexane	9.392	83	82808	18.868	ug/l	93
40) Benzene	8.386	78	229328	21.080	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	56636	21.925	ug/l #	90
42) 1,2-Dichloroethane	8.463	62	88473	22.434	ug/l	98
43) Isopropyl Acetate	8.492	43	176332	23.035	ug/l #	92
44) Trichloroethene	9.151	130	53855	19.452	ug/l	94
45) 1,2-Dichloropropane	9.422	63	60910	21.966	ug/l	100
46) Dibromomethane	9.510	93	40676	21.604	ug/l	92
47) Bromodichloromethane	9.698	83	81406	22.324	ug/l	97
48) Methyl methacrylate	9.492	41	78063	22.025	ug/l	88
49) 1,4-Dioxane	9.504	88	33182	493.153	ug/l #	95
51) 4-Methyl-2-Pentanone	10.269	43	594926	122.553	ug/l	90
52) Toluene	10.439	92	136488	20.301	ug/l	96
53) t-1,3-Dichloropropene	10.657	75	82200	20.477	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	90680	20.924	ug/l #	86
55) 1,1,2-Trichloroethane	10.833	97	59967	21.665	ug/l	98
56) Ethyl methacrylate	10.698	69	97451	21.783	ug/l #	86
57) 1,3-Dichloropropane	10.986	76	105950	22.329	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	217838	109.180	ug/l	93
59) 2-Hexanone	11.022	43	451289	121.957	ug/l	88
60) Dibromochloromethane	11.174	129	59894	22.696	ug/l	100
61) 1,2-Dibromoethane	11.286	107	60598	21.919	ug/l	99
64) Tetrachloroethene	10.916	164	51735	20.174	ug/l	98
65) Chlorobenzene	11.710	112	145840	20.534	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	54209	20.750	ug/l	100
67) Ethyl Benzene	11.780	91	263018	20.398	ug/l	99
68) m/p-Xylenes	11.892	106	198224	40.734	ug/l	94
69) o-Xylene	12.221	106	100580	20.246	ug/l	98
70) Styrene	12.233	104	160280	20.897	ug/l	97
71) Bromoform	12.398	173	40096	20.975	ug/l #	99
73) Isopropylbenzene	12.516	105	257135	20.143	ug/l	100
74) N-amyl acetate	12.327	43	128055	20.034	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.769	83	93831	22.150	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	82181m	21.261	ug/l	
77) Bromobenzene	12.798	156	58736	19.790	ug/l	84
78) n-propylbenzene	12.857	91	292535	20.628	ug/l	97
79) 2-Chlorotoluene	12.945	91	185795	20.700	ug/l	94
80) 1,3,5-Trimethylbenzene	12.998	105	212262	20.400	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.569	75	27495	19.507	ug/l	91
82) 4-Chlorotoluene	13.045	91	175041	20.144	ug/l	98
83) tert-Butylbenzene	13.263	119	187470	20.097	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	213399	20.542	ug/l	98
85) sec-Butylbenzene	13.439	105	262119	20.926	ug/l	96
86) p-Isopropyltoluene	13.551	119	207166	20.474	ug/l	97
87) 1,3-Dichlorobenzene	13.551	146	106787	20.056	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	106532	19.969	ug/l	97
89) n-Butylbenzene	13.880	91	166581	19.756	ug/l	98
90) Hexachloroethane	14.145	117	38242	20.280	ug/l	84
91) 1,2-Dichlorobenzene	13.927	146	109421	20.174	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	21963	21.332	ug/l	85
93) 1,2,4-Trichlorobenzene	15.192	180	56161	19.886	ug/l	96
94) Hexachlorobutadiene	15.298	225	25525	20.331	ug/l	97
95) Naphthalene	15.433	128	208345	18.287	ug/l	97
96) 1,2,3-Trichlorobenzene	15.627	180	59681	20.486	ug/l	95

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Sample : VN0712WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01

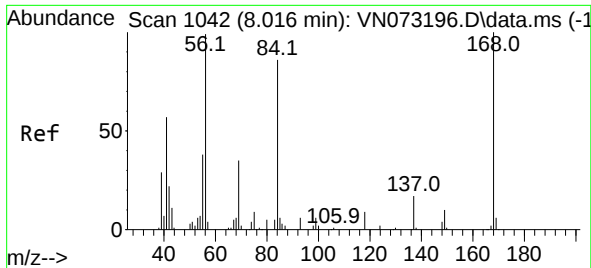
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration

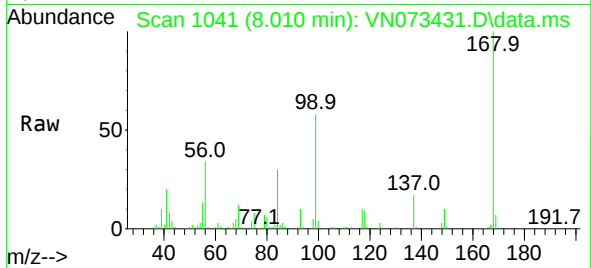
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

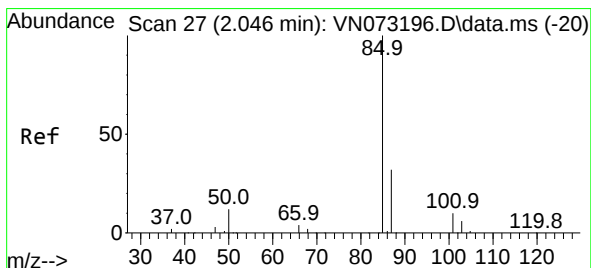
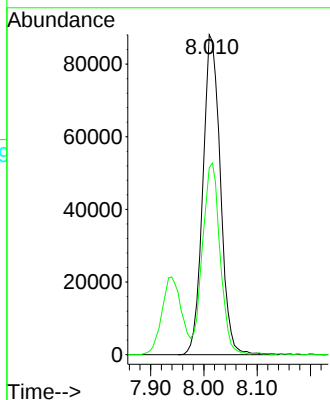
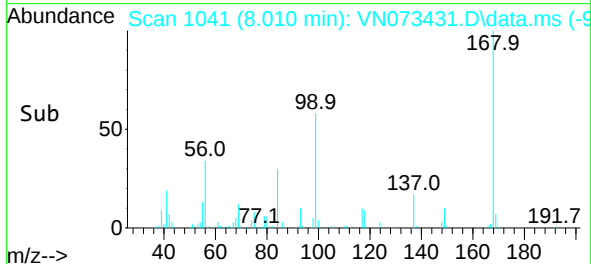
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion:168 Resp: 201420
Ion Ratio Lower Upper
168 100
99 58.1 42.3 63.5

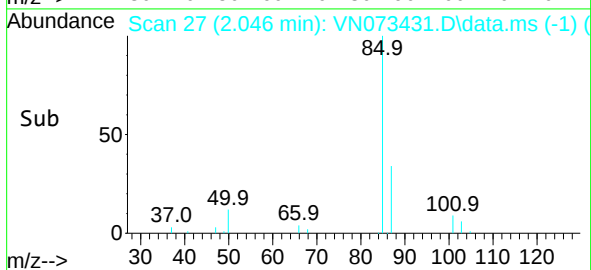
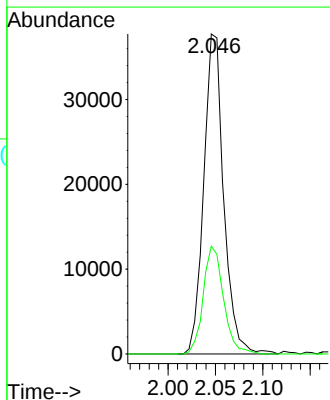
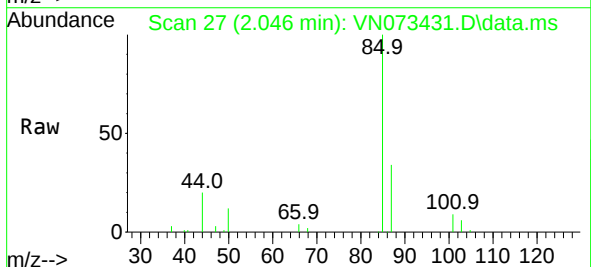
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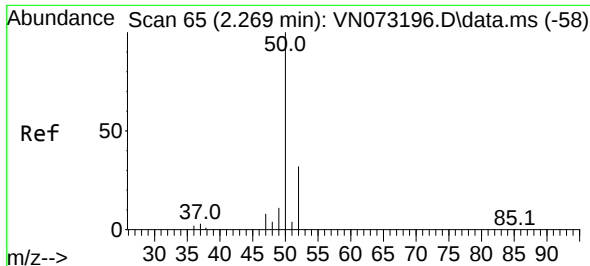
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#2
Dichlorodifluoromethane
Concen: 18.773 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

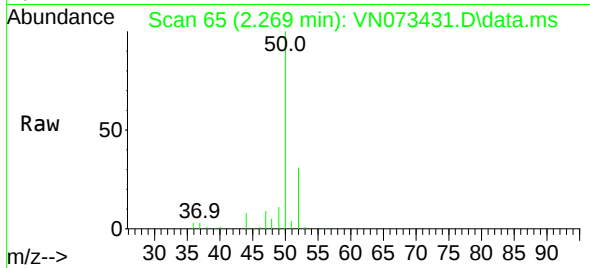
Tgt Ion: 85 Resp: 55283
Ion Ratio Lower Upper
85 100
87 33.7 15.7 47.1





#3
Chloromethane
Concen: 17.916 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

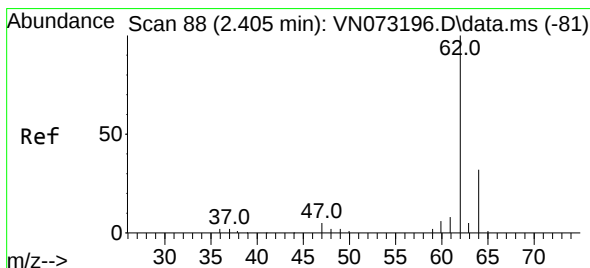
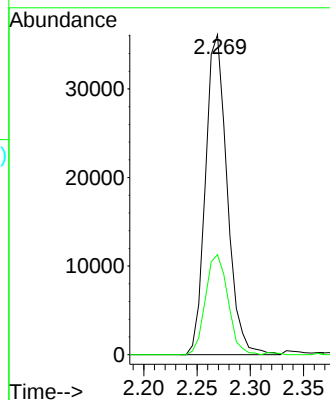
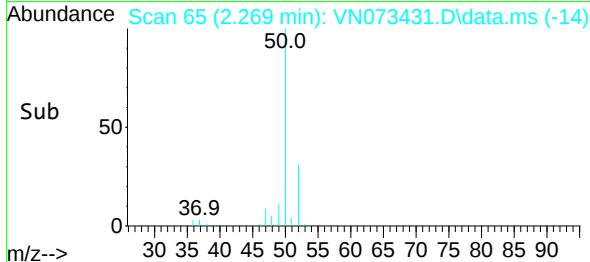
Instrument :
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Tgt Ion: 50 Resp: 5122
Ion Ratio Lower Upper
50 100
52 31.2 25.7 38.5

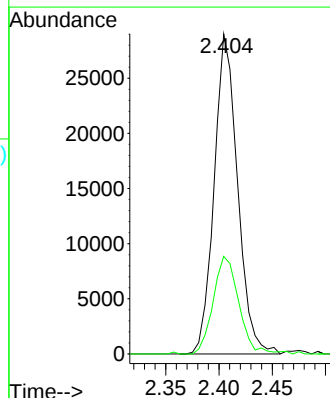
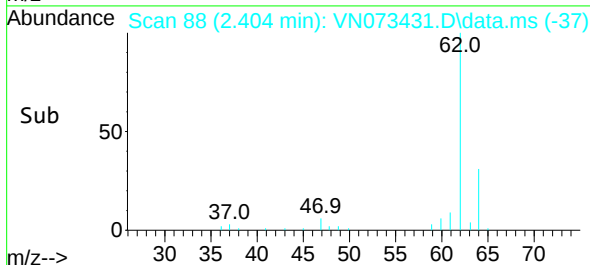
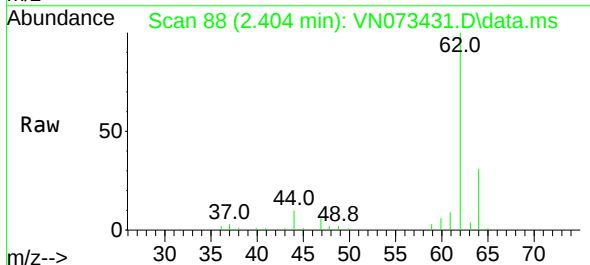
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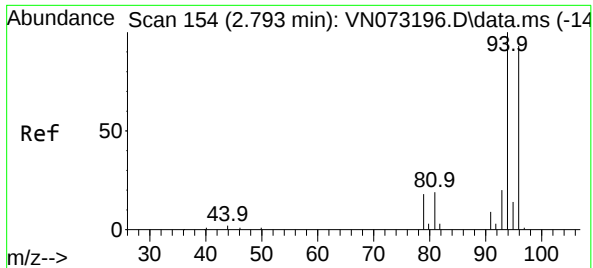
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#4
Vinyl Chloride
Concen: 18.250 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.001 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

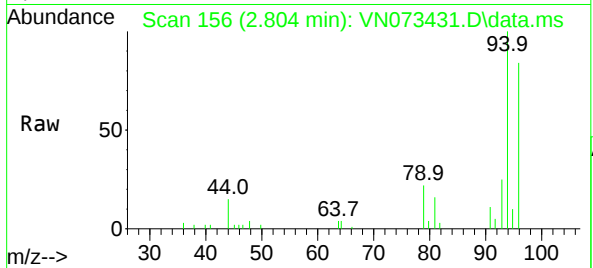
Tgt Ion: 62 Resp: 44333
Ion Ratio Lower Upper
62 100
64 30.5 25.0 37.4





#5
Bromomethane
Concen: 19.945 ug/l
RT: 2.804 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

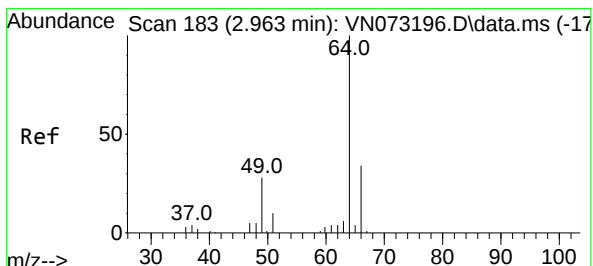
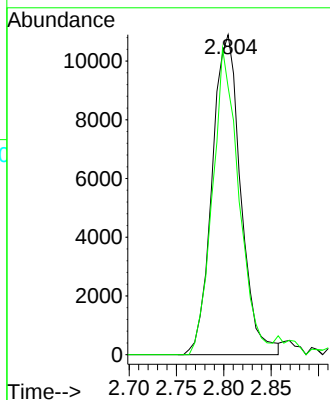
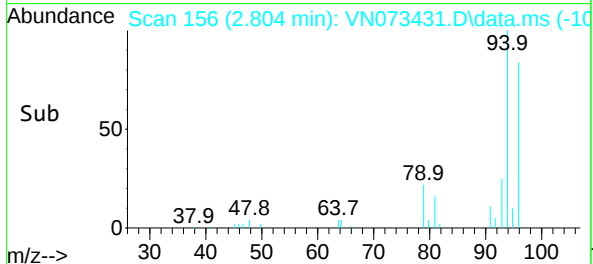
Instrument :
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Tgt Ion: 94 Resp: 22884
Ion Ratio Lower Upper
94 100
96 83.6 76.0 114.0

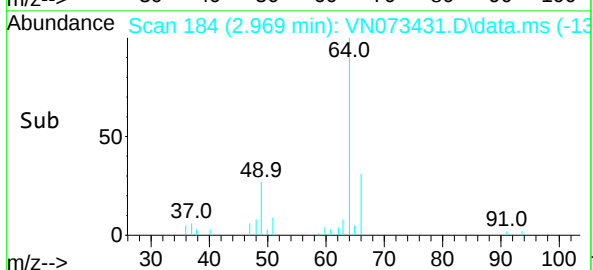
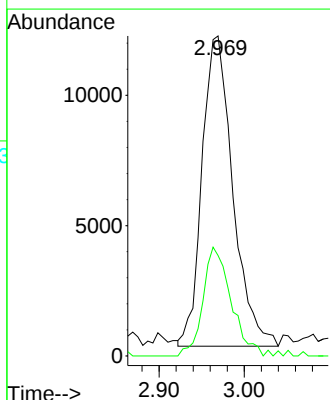
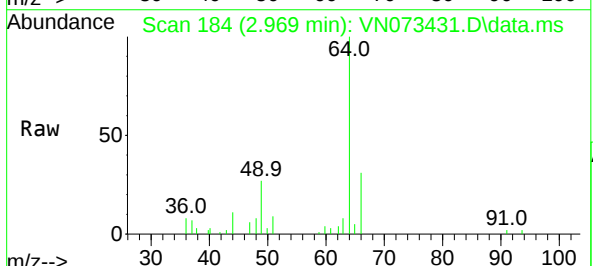
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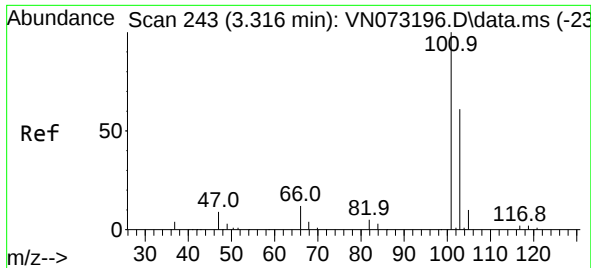
Reviewed By :John Carlone 07/13/2022
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#6
Chloroethane
Concen: 20.951 ug/l
RT: 2.969 min Scan# 184
Delta R.T. 0.006 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

Tgt Ion: 64 Resp: 29938
Ion Ratio Lower Upper
64 100
66 32.4 26.2 39.4





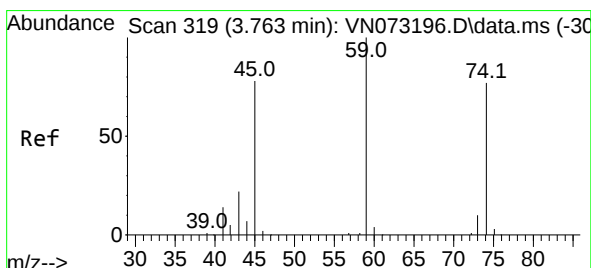
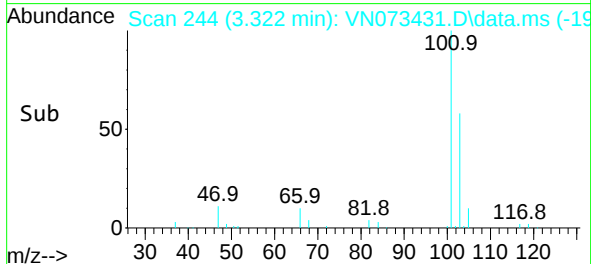
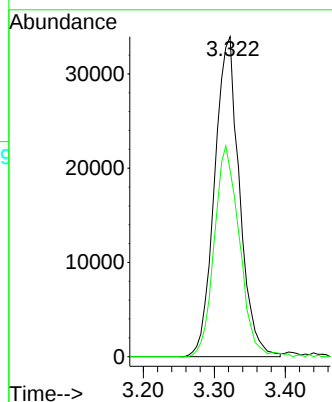
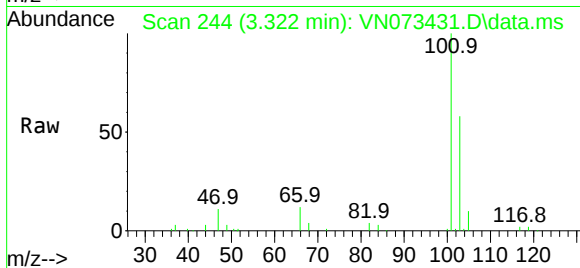
#7
Trichlorofluoromethane
Concen: 19.642 ug/l
RT: 3.322 min Scan# 243
Delta R.T. 0.006 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

Instrument :
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ClientSampleId :
VN0712WBSD01

Tgt Ion:101 Resp: 8248
Ion Ratio Lower Upper
101 100
103 58.2 51.5 77.3

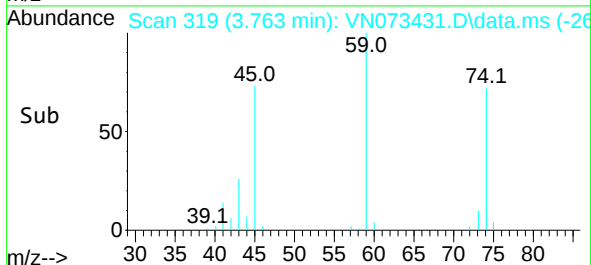
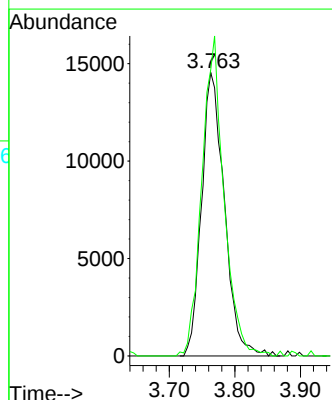
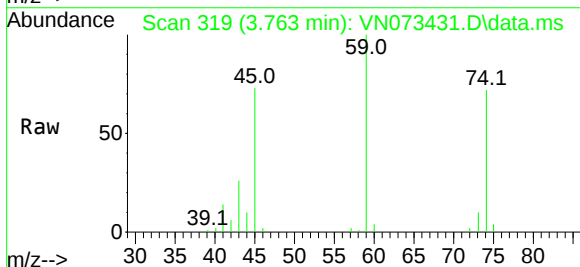
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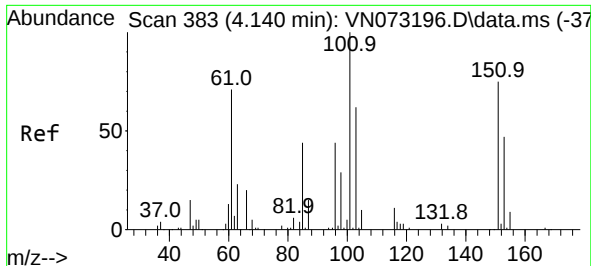
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#8
Diethyl Ether
Concen: 20.579 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

Tgt Ion: 74 Resp: 35181
Ion Ratio Lower Upper
74 100
45 109.4 42.9 128.5





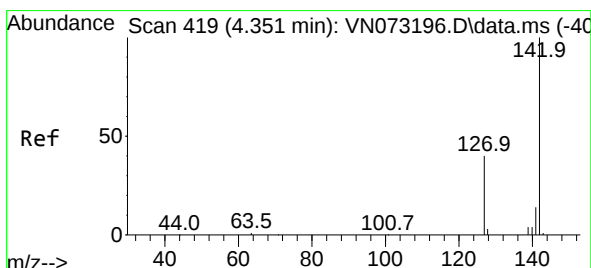
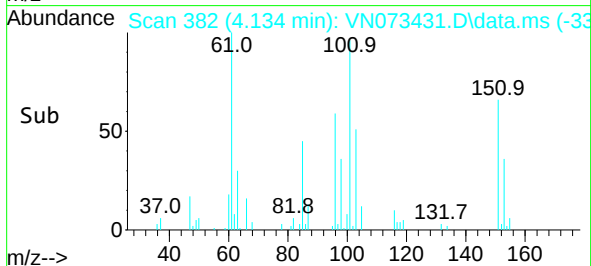
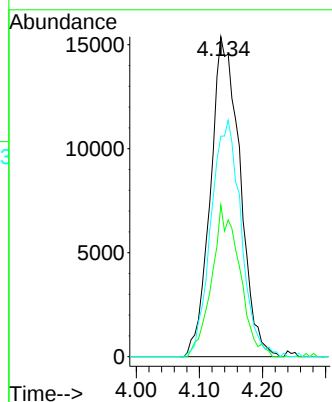
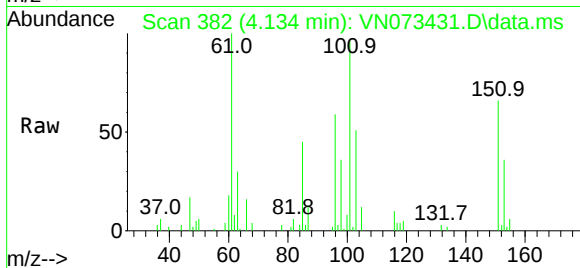
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.068 ug/l
RT: 4.134 min Scan# 383
Delta R.T. -0.006 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01

Tgt Ion:101 Resp: 4979
Ion Ratio Lower Upper
101 100
85 44.8 34.7 52.1
151 75.4 63.0 94.4

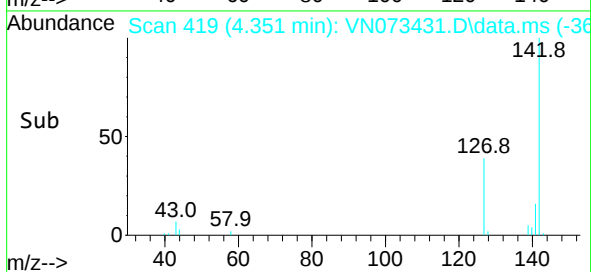
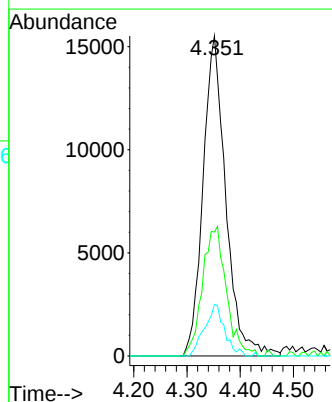
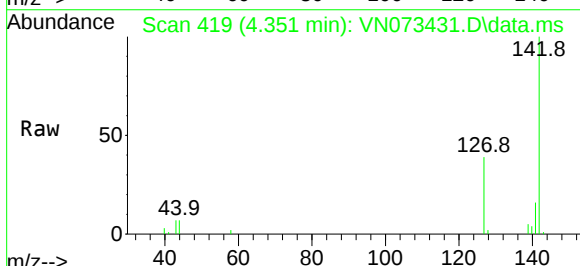
Manual Integrations
APPROVED

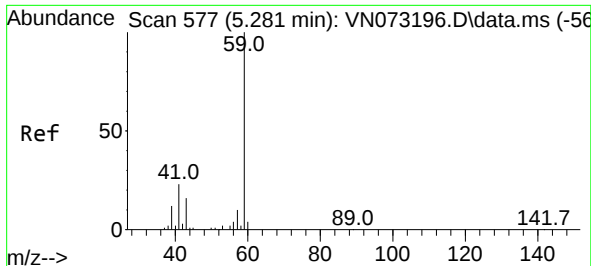
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#10
Methyl Iodide
Concen: 16.577 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

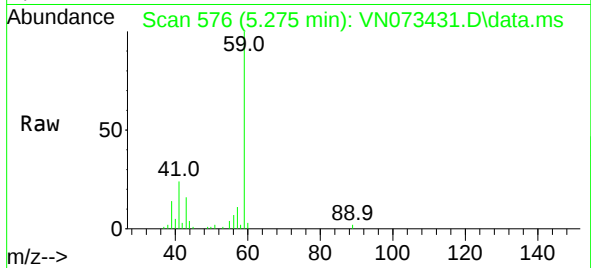
Tgt Ion:142 Resp: 45997
Ion Ratio Lower Upper
142 100
127 42.3 31.3 46.9
141 14.2 11.2 16.8





#11
Tert butyl alcohol
Concen: 110.415 ug/l
RT: 5.275 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

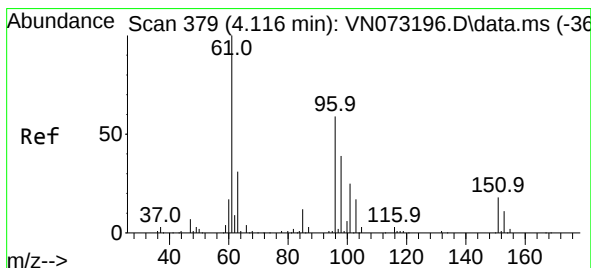
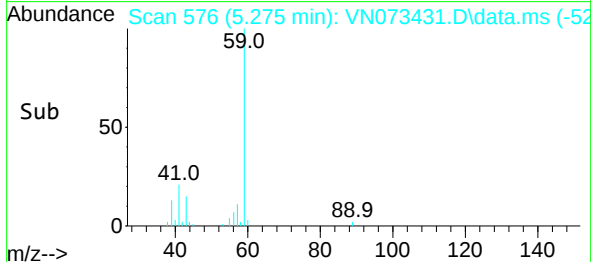
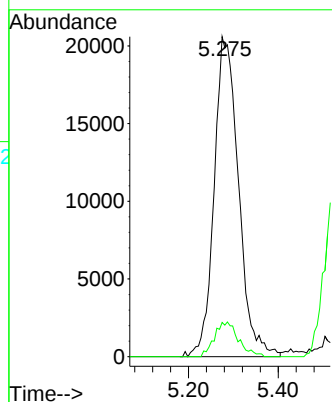
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 59 Resp: 77774
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

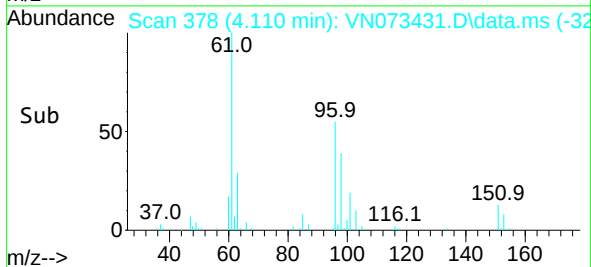
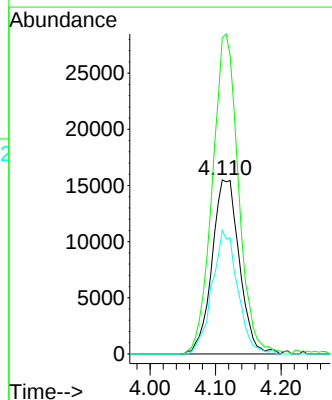
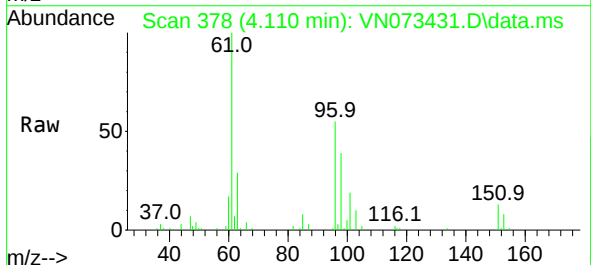
Manual Integrations
APPROVED

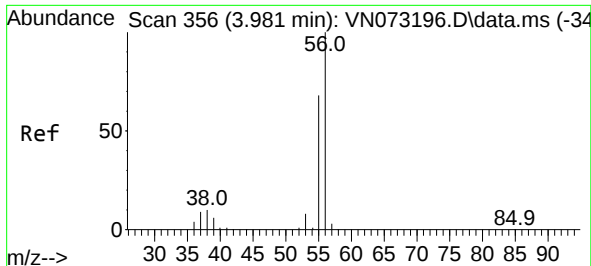
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#12
1,1-Dichloroethene
Concen: 18.920 ug/l
RT: 4.110 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

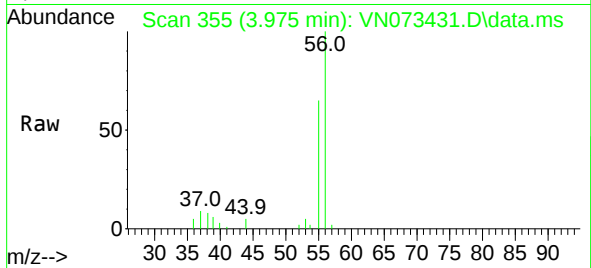
Tgt Ion: 96 Resp: 44861
Ion Ratio Lower Upper
96 100
61 181.6 127.6 191.4
98 71.0 51.2 76.8





#13
Acrolein
Concen: 81.174 ug/l
RT: 3.975 min Scan# 356
Delta R.T. -0.006 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

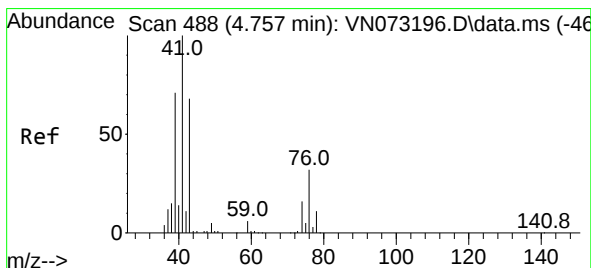
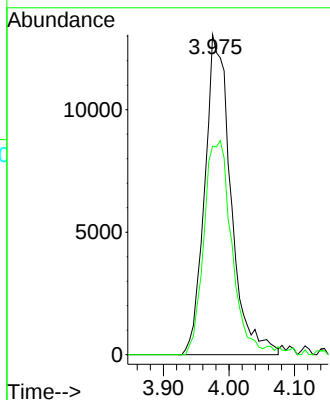
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 56 Resp: 36140
Ion Ratio Lower Upper
56 100
55 70.2 54.8 82.2

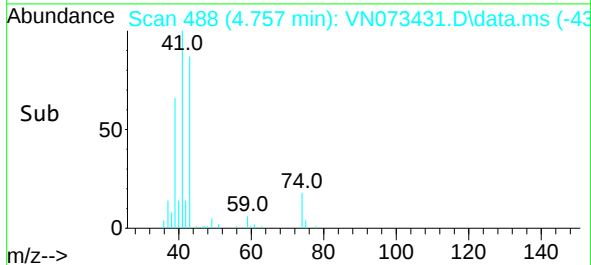
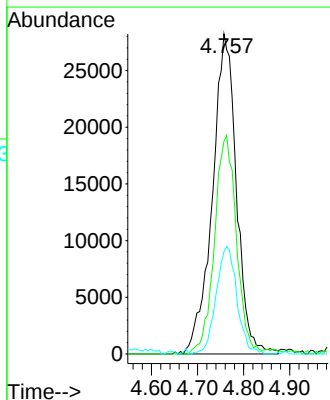
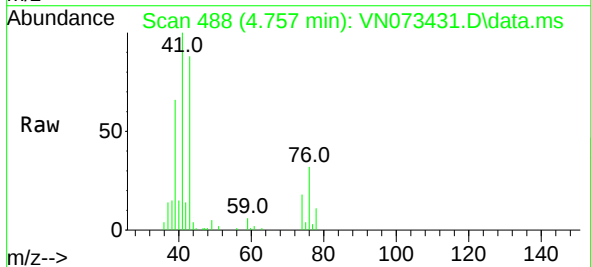
Manual Integrations
APPROVED

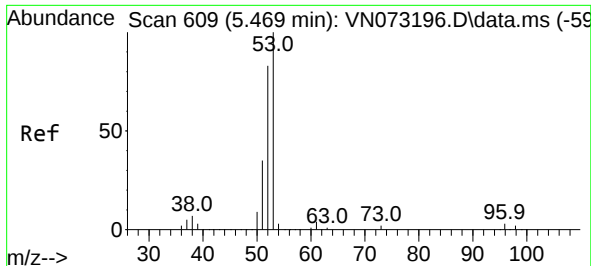
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#14
Allyl chloride
Concen: 20.569 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

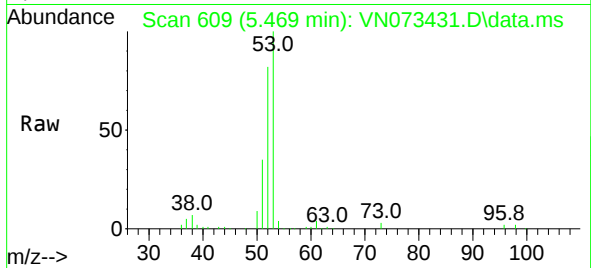
Tgt Ion: 41 Resp: 102746
Ion Ratio Lower Upper
41 100
39 61.9 53.2 79.8
76 28.9 29.9 44.9#





#15
Acrylonitrile
Concen: 119.375 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

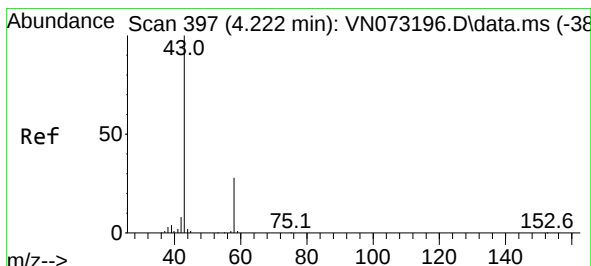
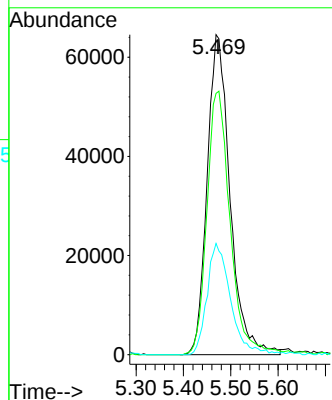
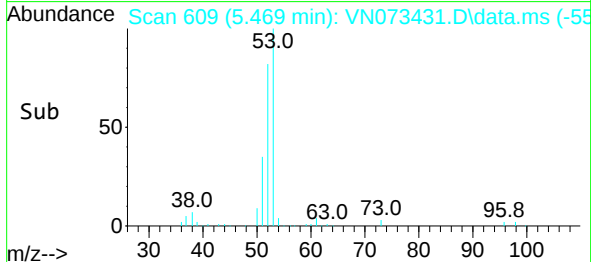
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



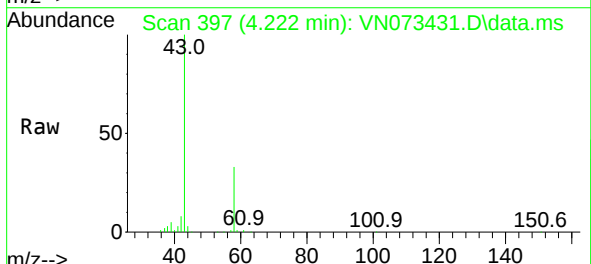
Tgt Ion: 53 Resp: 216458
Ion Ratio Lower Upper
53 100
52 83.6 66.4 99.6
51 35.9 28.5 42.7

Manual Integrations
APPROVED

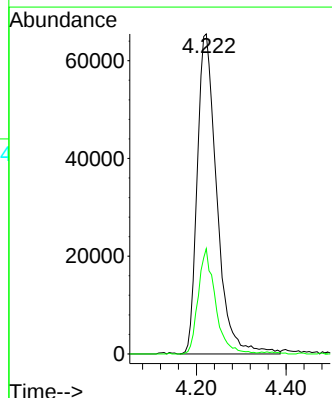
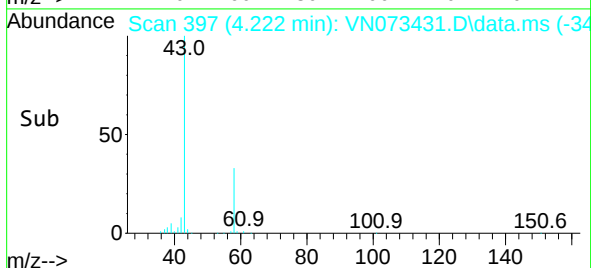
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

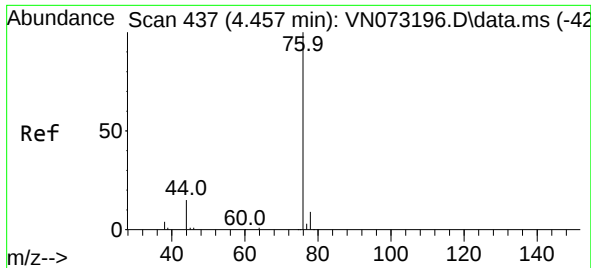


#16
Acetone
Concen: 121.522 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55



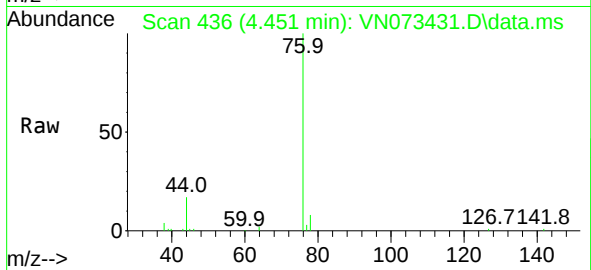
Tgt Ion: 43 Resp: 198343
Ion Ratio Lower Upper
43 100
58 32.9 26.0 39.0





#17
Carbon Disulfide
Concen: 16.689 ug/l
RT: 4.451 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

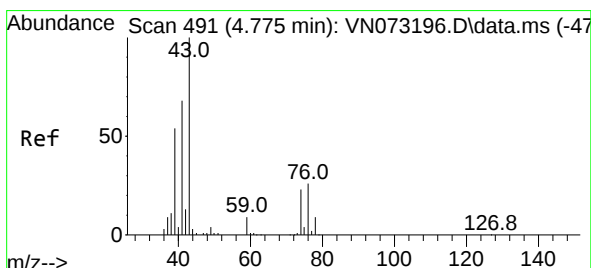
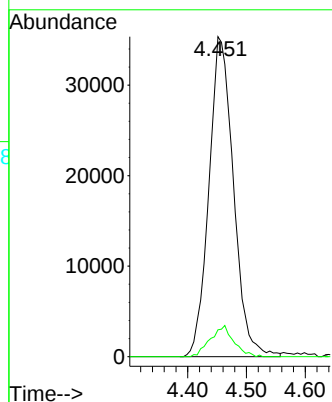
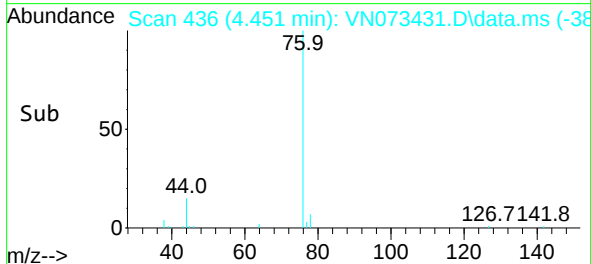
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 76 Resp: 10261
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8

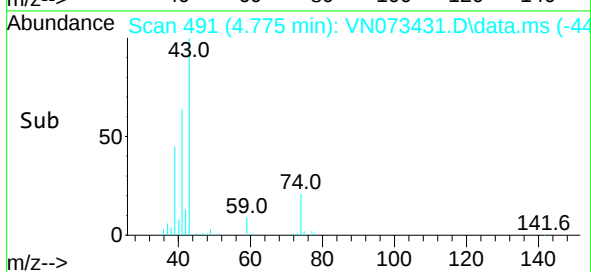
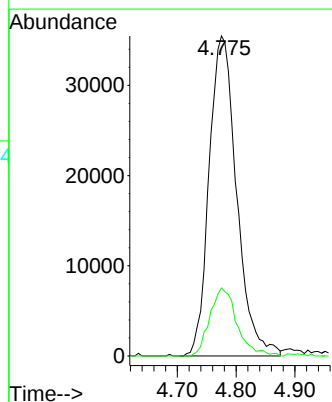
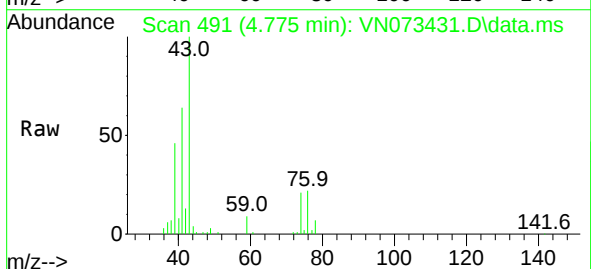
Manual Integrations
APPROVED

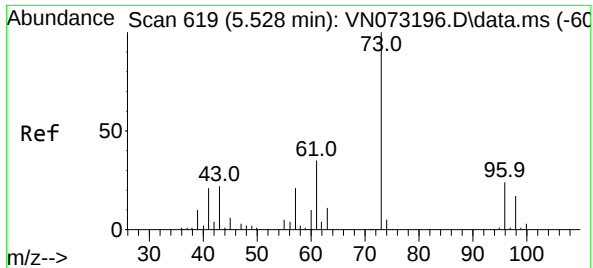
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#18
Methyl Acetate
Concen: 25.228 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

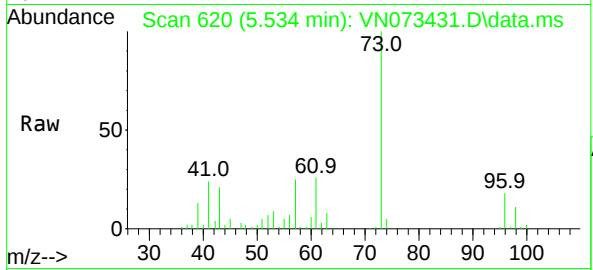
Tgt Ion: 43 Resp: 115390
Ion Ratio Lower Upper
43 100
74 20.9 21.6 32.4#





#19
Methyl tert-butyl Ether
Concen: 21.909 ug/l
RT: 5.534 min Scan# 619
Delta R.T. 0.006 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

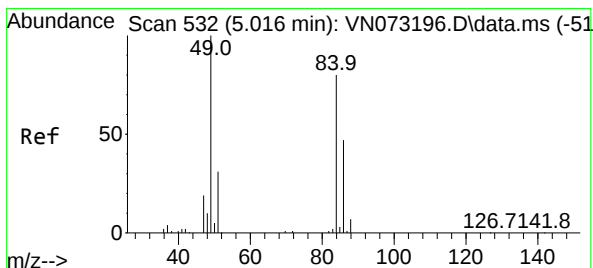
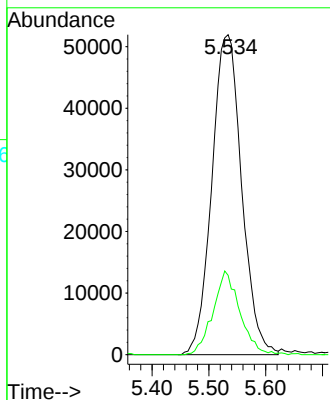
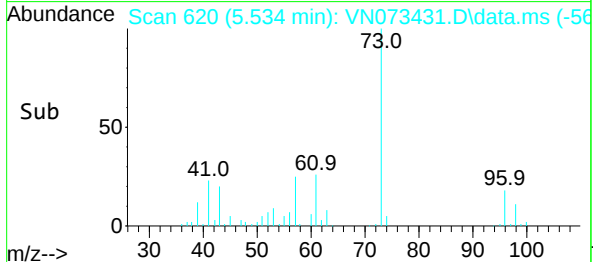
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



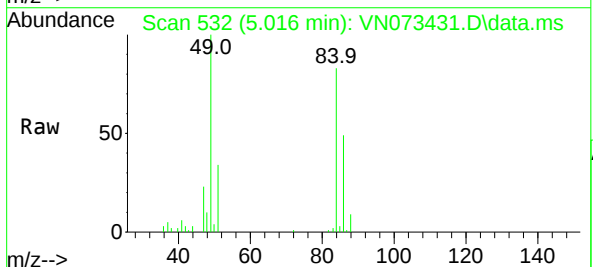
Tgt Ion: 73 Resp: 18933
Ion Ratio Lower Upper
73 100
57 24.8 17.6 26.4

Manual Integrations
APPROVED

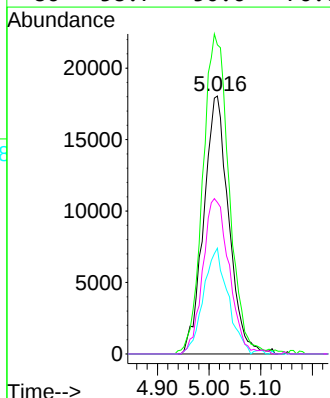
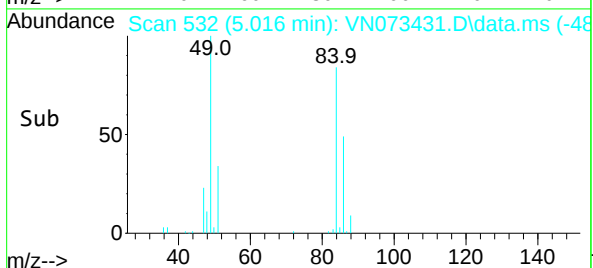
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

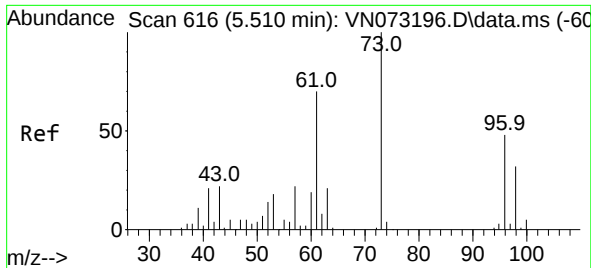


#20
Methylene Chloride
Concen: 21.181 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55



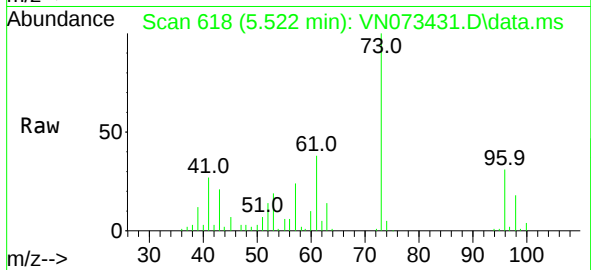
Tgt Ion: 84 Resp: 60754
Ion Ratio Lower Upper
84 100
49 118.8 88.3 132.5
51 41.0 28.2 42.2
86 58.7 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 19.816 ug/l
RT: 5.522 min Scan# 616
Delta R.T. 0.012 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

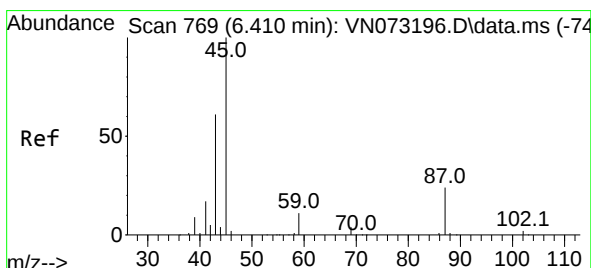
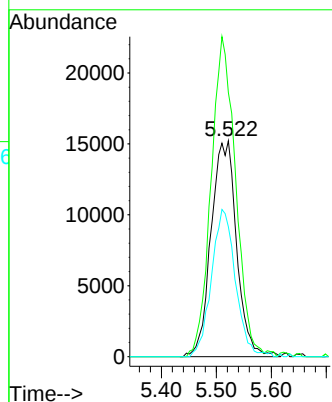
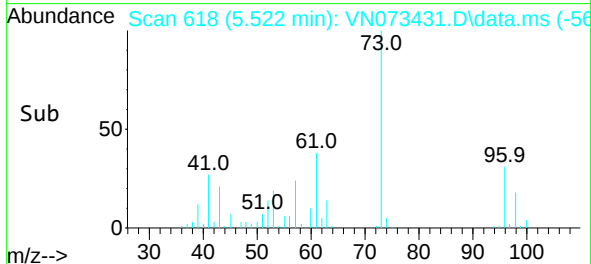
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 96 Resp: 4909
Ion Ratio Lower Upper
96 100
61 122.4 105.8 158.8
98 60.2 50.3 75.5

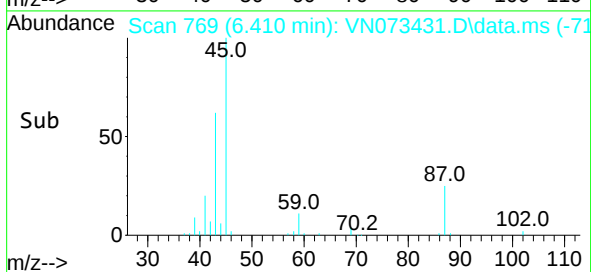
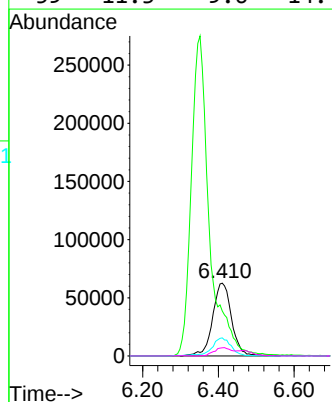
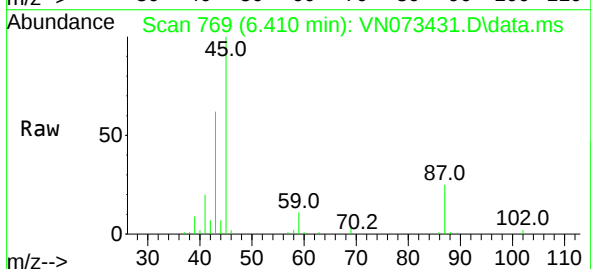
Manual Integrations
APPROVED

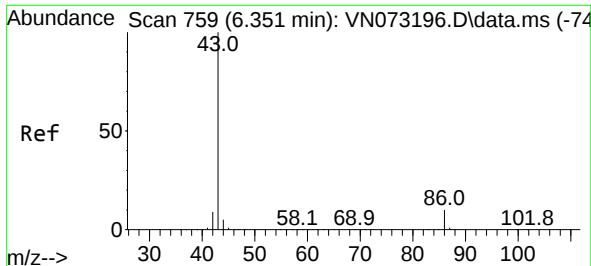
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#22
Diisopropyl ether
Concen: 23.351 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

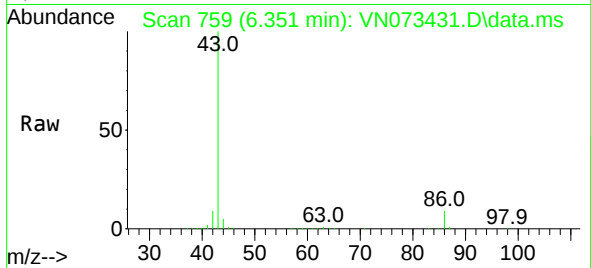
Tgt Ion: 45 Resp: 217652
Ion Ratio Lower Upper
45 100
43 60.7 46.6 70.0
87 24.8 24.3 36.5
59 11.3 9.6 14.4





#23
 Vinyl Acetate
 Concen: 109.299 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073431.D
 Acq: 12 Jul 2022 12:55

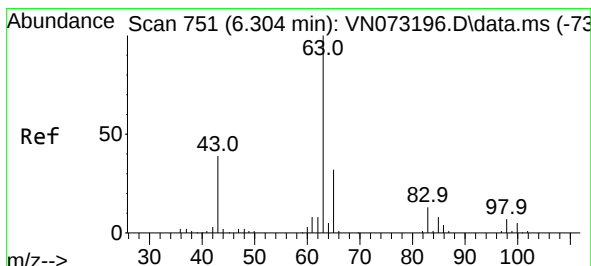
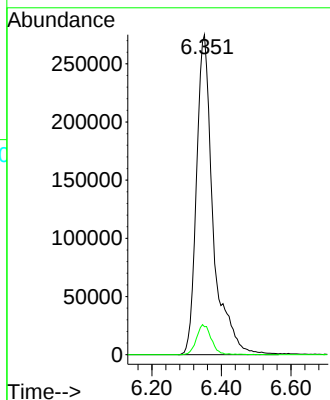
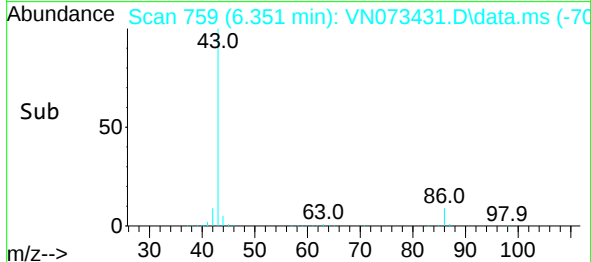
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBSD01



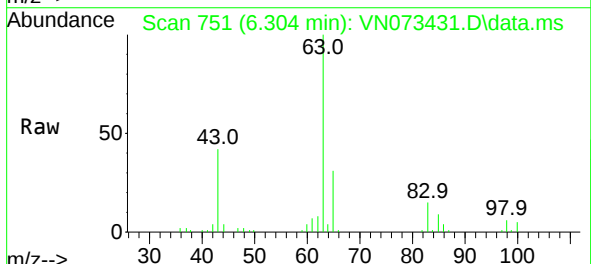
Tgt Ion: 43 Resp: 912120
 Ion Ratio Lower Upper
 43 100
 86 8.7 10.0 15.0

Manual Integrations
 APPROVED

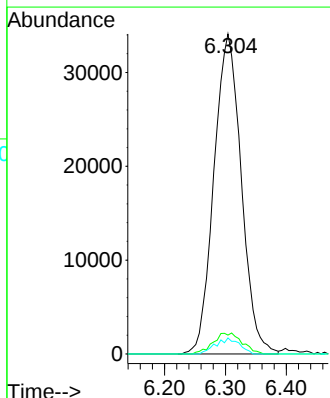
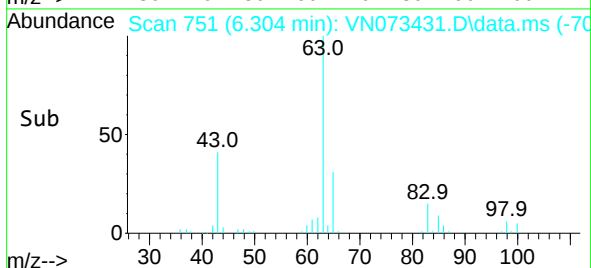
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022

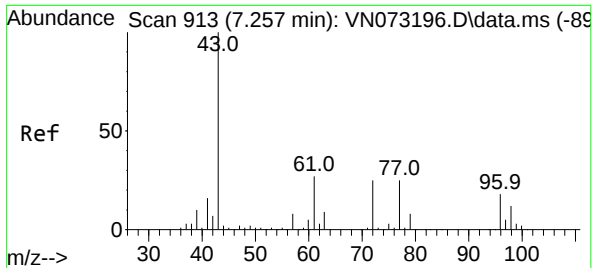


#24
 1,1-Dichloroethane
 Concen: 22.055 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073431.D
 Acq: 12 Jul 2022 12:55



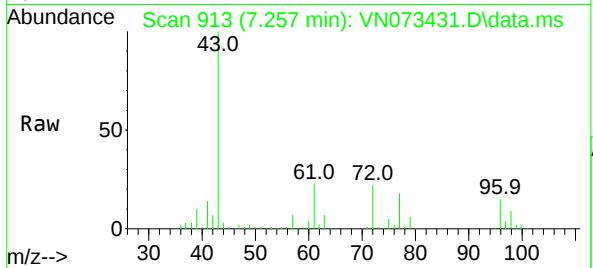
Tgt Ion: 63 Resp: 106382
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.5 10.4
 100 5.0 2.3 6.8





#25
2-Butanone
Concen: 121.655 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

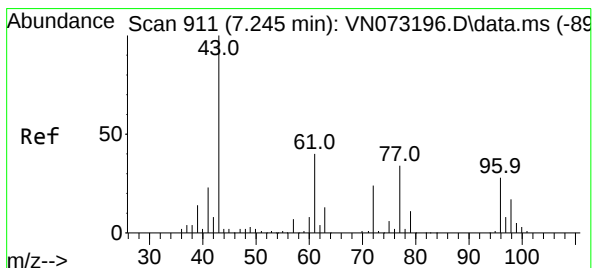
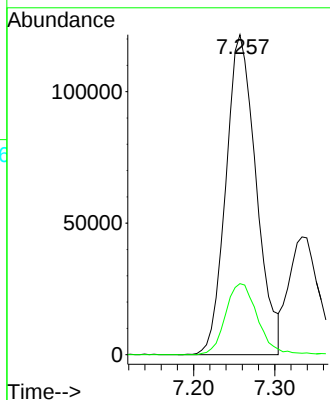
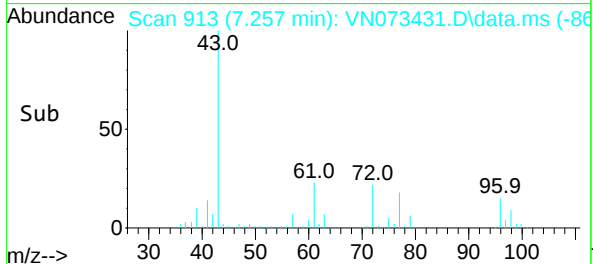
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



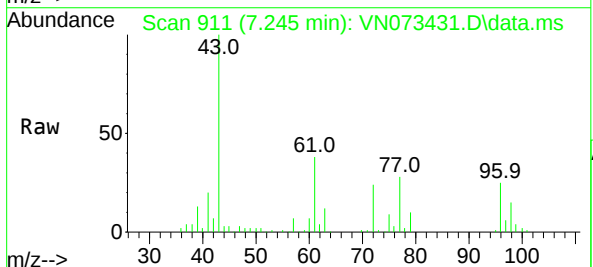
Tgt Ion: 43 Resp: 31612
Ion Ratio Lower Upper
43 100
72 22.2 23.7 35.5

Manual Integrations
APPROVED

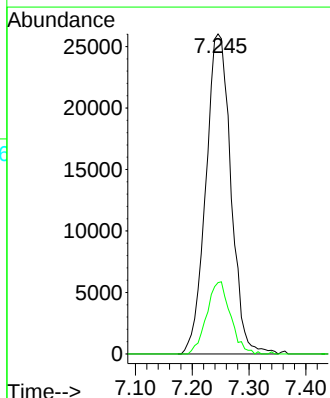
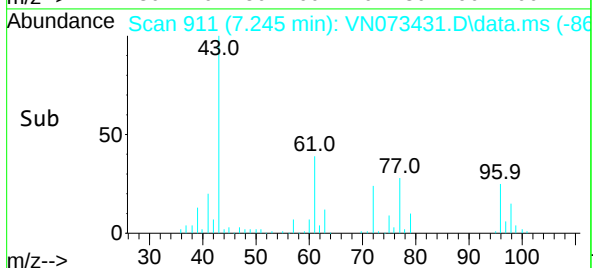
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

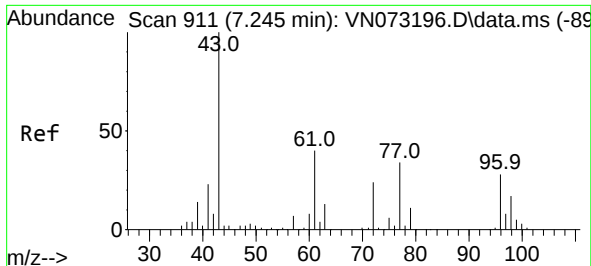


#26
2,2-Dichloropropane
Concen: 17.879 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55



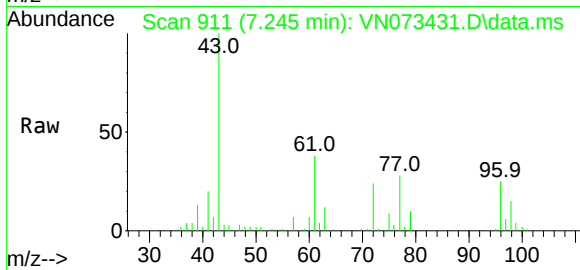
Tgt Ion: 77 Resp: 79762
Ion Ratio Lower Upper
77 100
97 21.3 11.4 34.2





#27
cis-1,2-Dichloroethene
Concen: 20.575 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

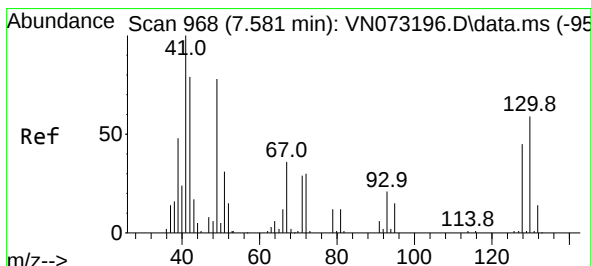
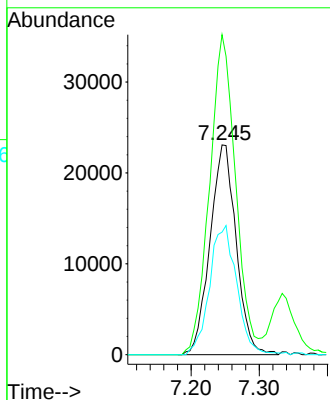
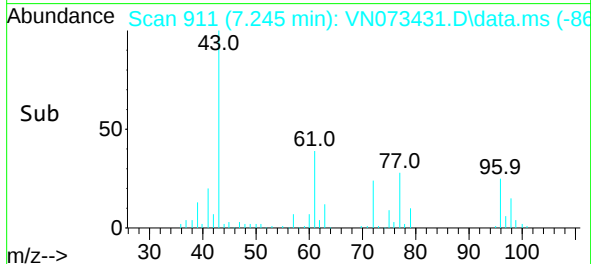
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 96 Resp: 61732
Ion Ratio Lower Upper
96 100
61 151.5 0.0 280.6
98 64.1 0.0 128.4

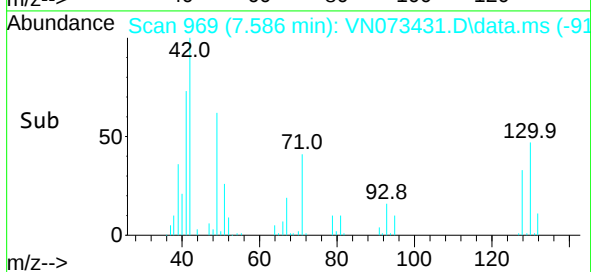
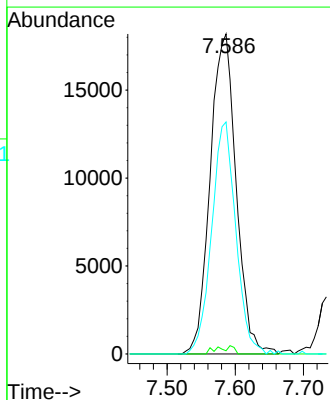
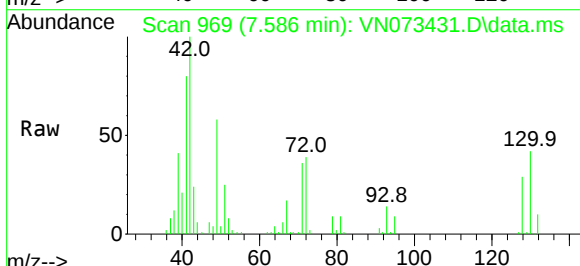
Manual Integrations
APPROVED

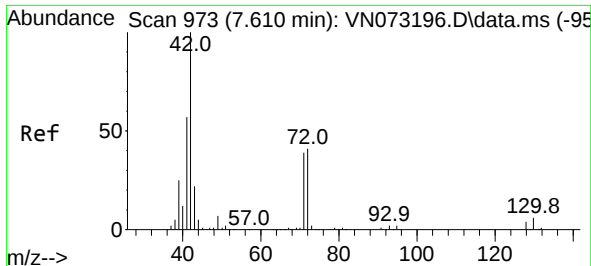
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#28
Bromochloromethane
Concen: 23.910 ug/l
RT: 7.586 min Scan# 969
Delta R.T. 0.005 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

Tgt Ion: 49 Resp: 48300
Ion Ratio Lower Upper
49 100
129 0.6 0.0 4.6
130 67.4 69.7 104.5#





#29

Tetrahydrofuran

Concen: 119.939 ug/l

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN073431.D

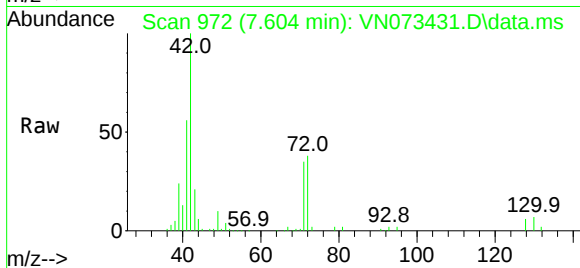
Acq: 12 Jul 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBSD01



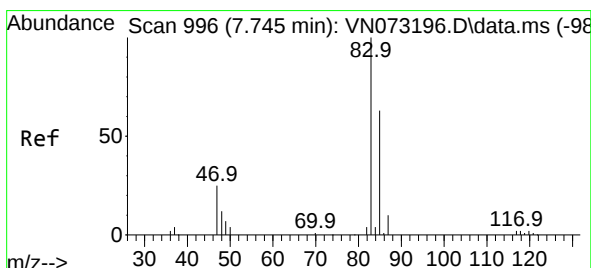
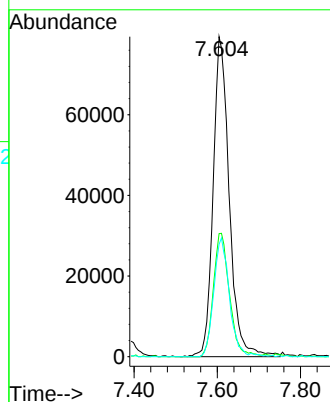
Tgt Ion:	42	Resp:	21340
Ion	Ratio	Lower	Upper
42	100		
72	38.5	39.7	59.5
71	35.6	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#30

Chloroform

Concen: 21.615 ug/l

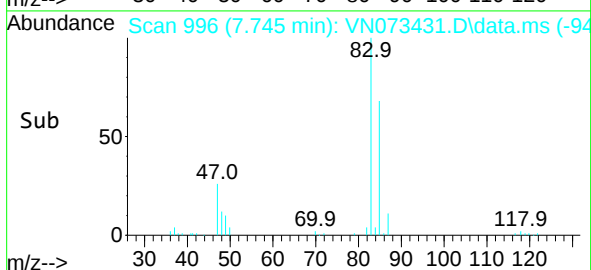
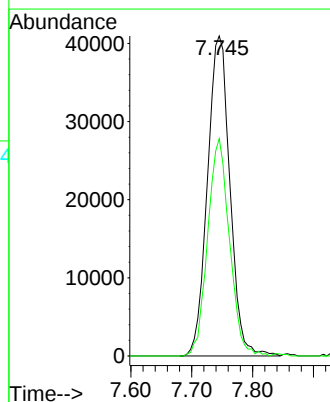
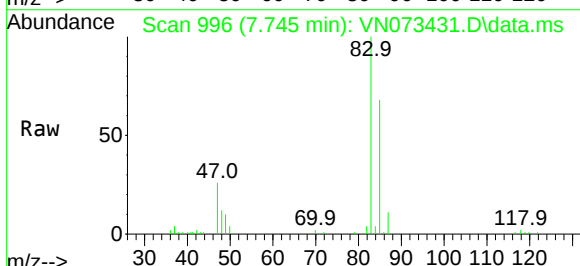
RT: 7.745 min Scan# 996

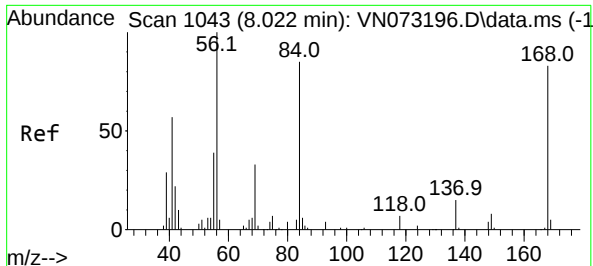
Delta R.T. 0.000 min

Lab File: VN073431.D

Acq: 12 Jul 2022 12:55

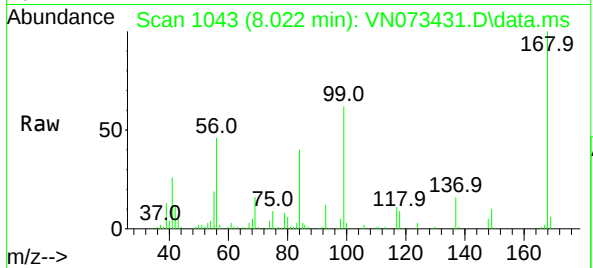
Tgt Ion:	83	Resp:	105010
Ion	Ratio	Lower	Upper
83	100		
85	67.9	51.8	77.8





#31
Cyclohexane
Concen: 18.758 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

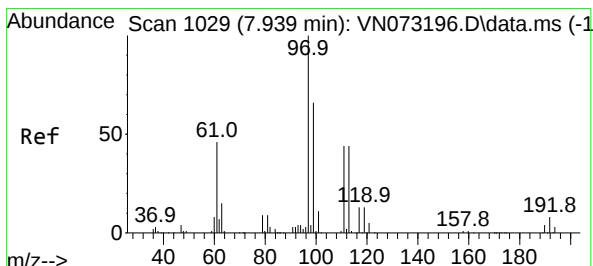
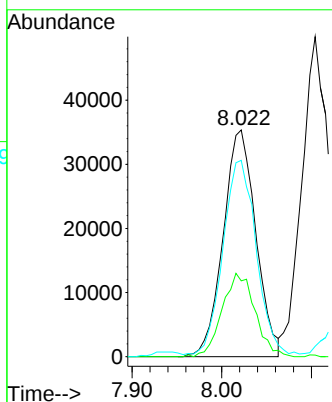
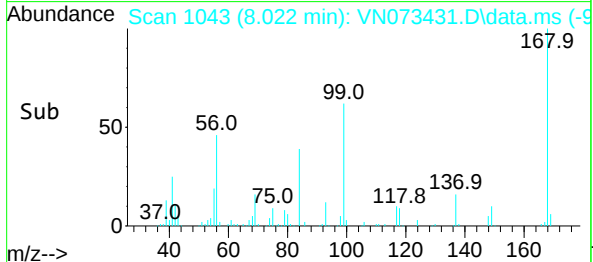
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



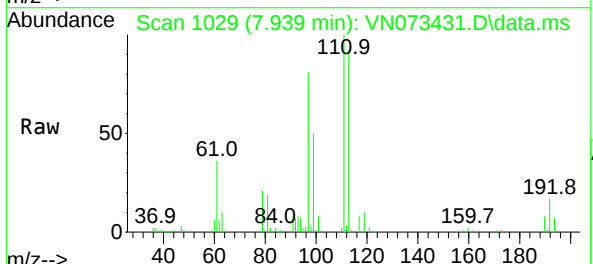
Tgt Ion: 56 Resp: 89328
Ion Ratio Lower Upper
56 100
69 33.5 27.8 41.8
84 85.0 76.9 115.3

Manual Integrations
APPROVED

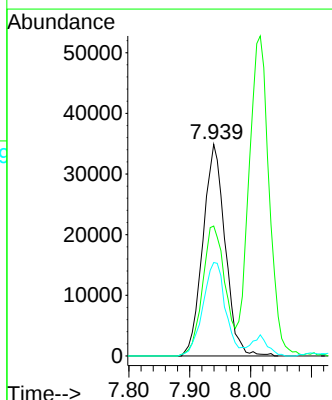
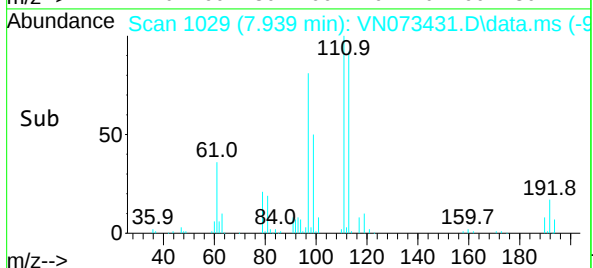
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

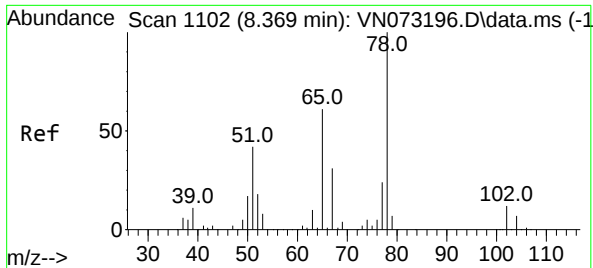


#32
1,1,1-Trichloroethane
Concen: 20.431 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55



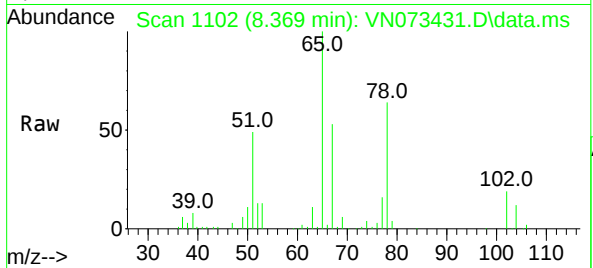
Tgt Ion: 97 Resp: 88454
Ion Ratio Lower Upper
97 100
99 62.5 50.6 76.0
61 45.6 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 54.192 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

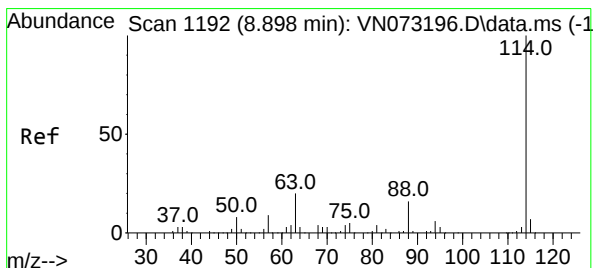
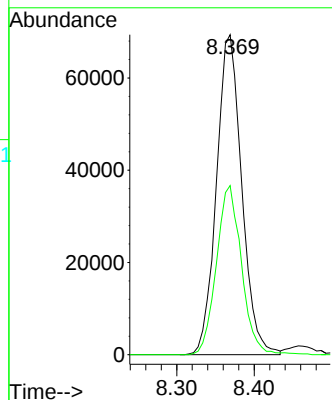
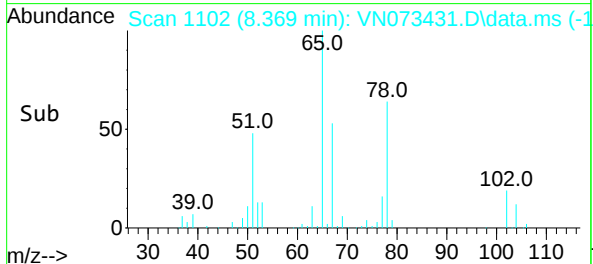
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



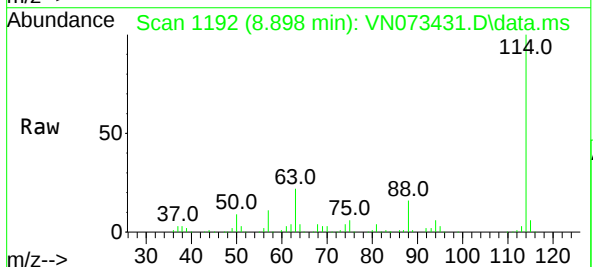
Tgt Ion: 65 Resp: 157574
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.8

Manual Integrations
APPROVED

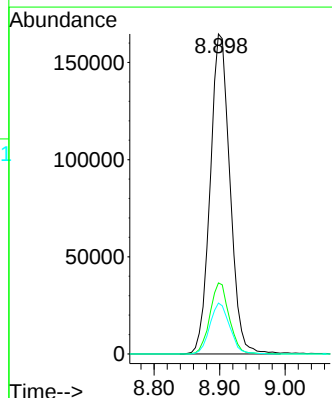
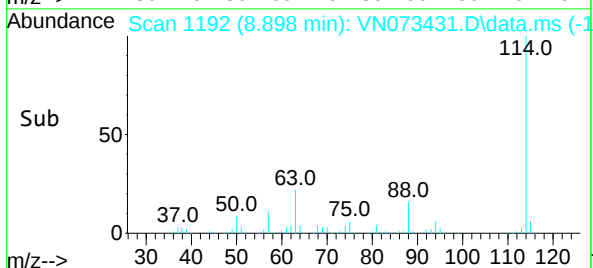
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

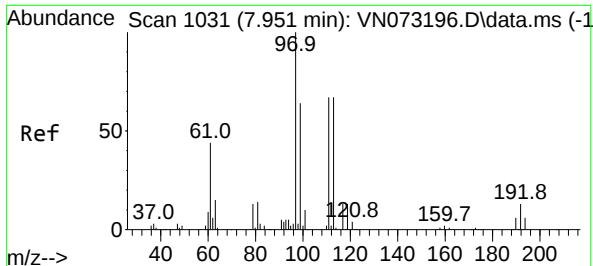


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55



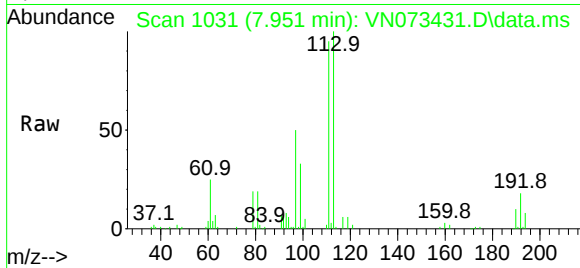
Tgt Ion:114 Resp: 344348
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.0
88 15.9 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.429 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

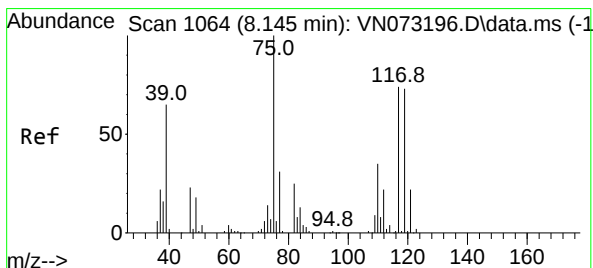
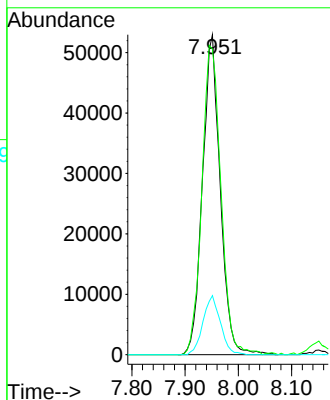
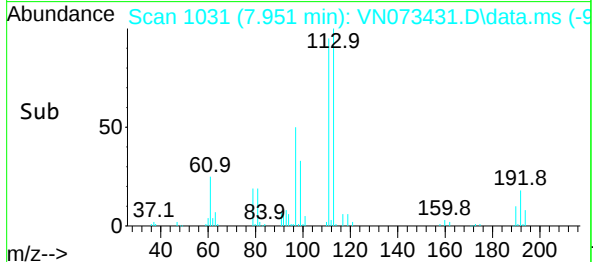
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 113 Resp: 12240
Ion Ratio Lower Upper
113 100
111 103.9 81.4 122.0
192 18.1 17.0 25.6

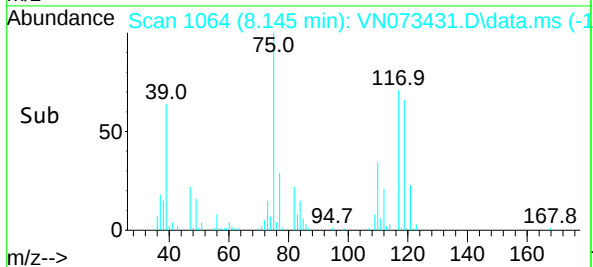
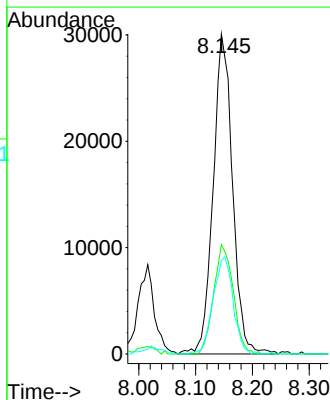
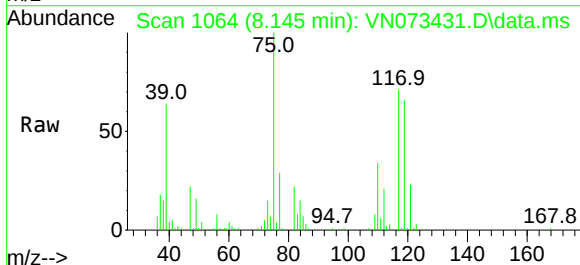
Manual Integrations
APPROVED

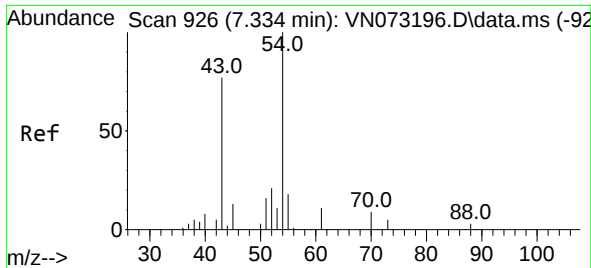
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#36
1,1-Dichloropropene
Concen: 20.245 ug/l
RT: 8.145 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

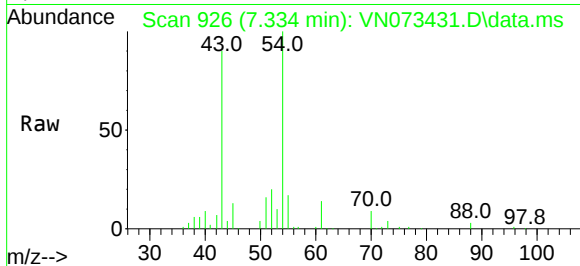
Tgt Ion: 75 Resp: 71366
Ion Ratio Lower Upper
75 100
110 34.5 18.3 54.8
77 31.2 25.1 37.7





#37
Ethyl Acetate
Concen: 22.694 ug/l
RT: 7.334 min Scan# 912
Delta R.T. -0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

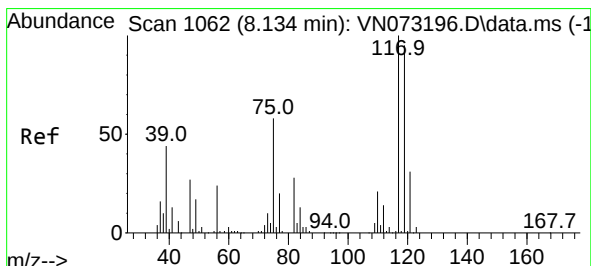
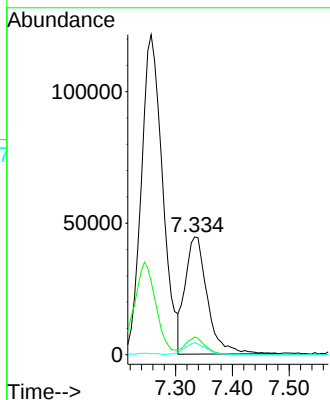
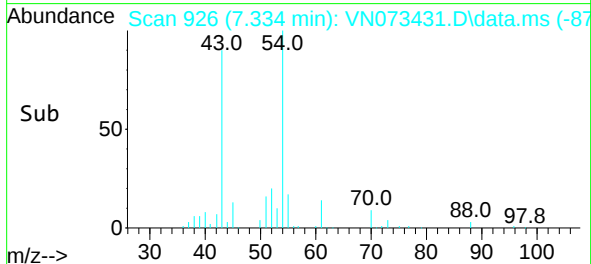
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 43 Resp: 120870
Ion Ratio Lower Upper
43 100
61 13.9 11.8 17.6
70 9.7 9.3 13.9

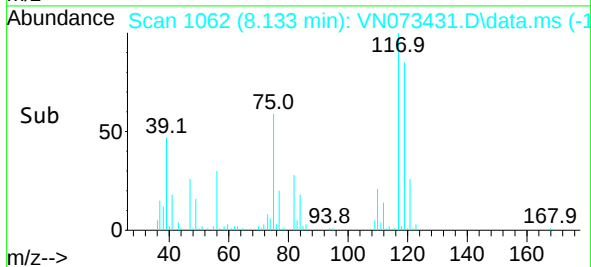
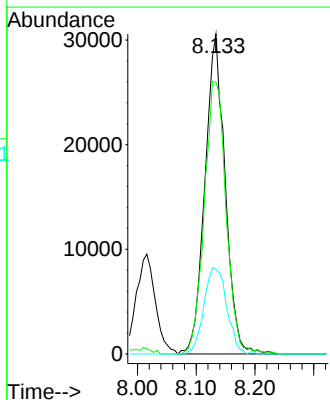
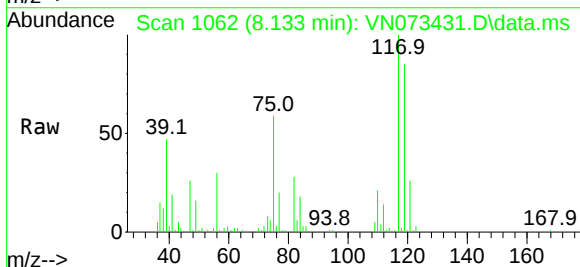
Manual Integrations
APPROVED

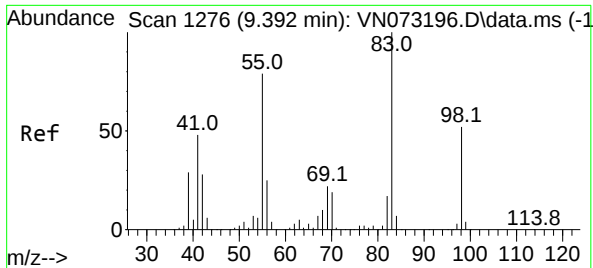
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#38
Carbon Tetrachloride
Concen: 20.019 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. -0.001 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

Tgt Ion:117 Resp: 72979
Ion Ratio Lower Upper
117 100
119 84.9 75.8 113.8
121 26.4 24.6 37.0





#39

Methylcyclohexane

Concen: 18.868 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073431.D

Acq: 12 Jul 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBSD01

Tgt Ion: 83 Resp: 82808

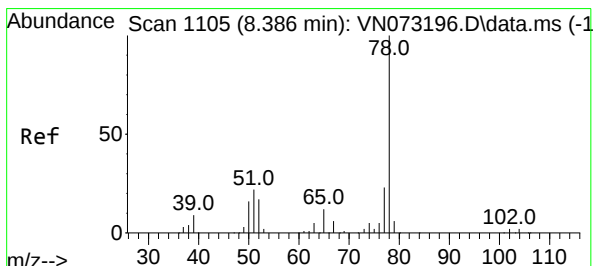
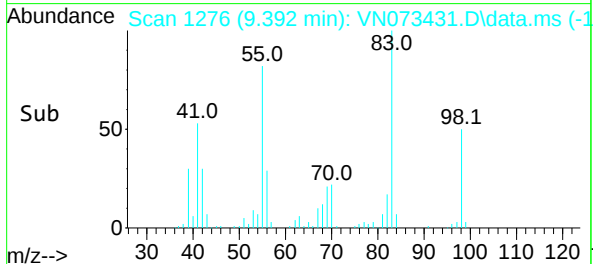
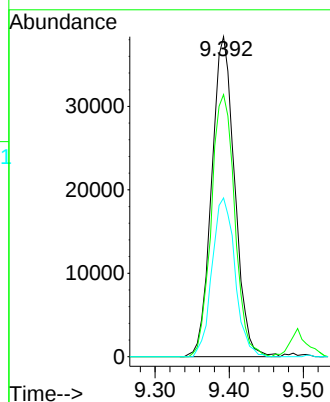
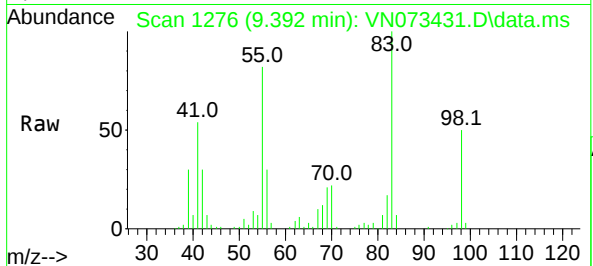
Ion	Ratio	Lower	Upper
83	100		
55	81.9	57.8	86.8
98	49.6	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#40

Benzene

Concen: 21.080 ug/l

RT: 8.386 min Scan# 1105

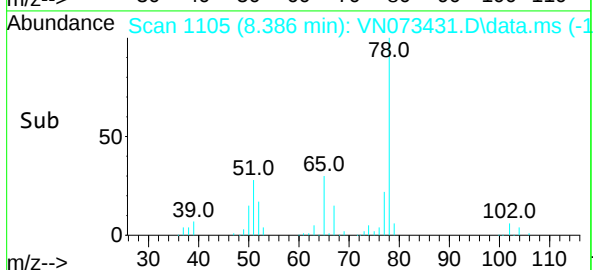
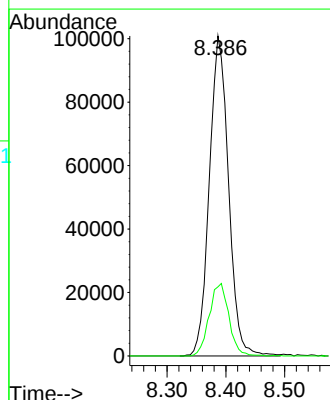
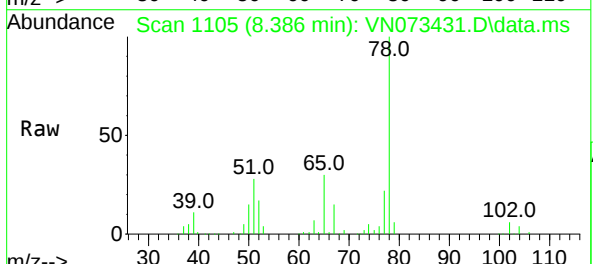
Delta R.T. 0.000 min

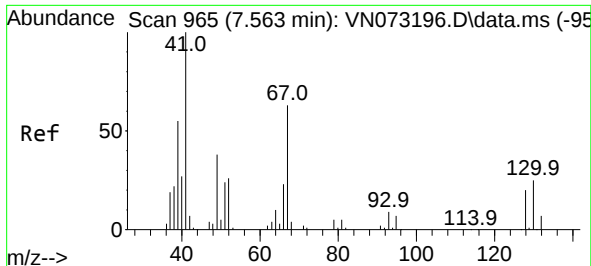
Lab File: VN073431.D

Acq: 12 Jul 2022 12:55

Tgt Ion: 78 Resp: 229328

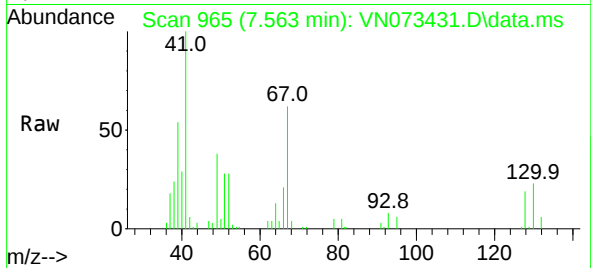
Ion	Ratio	Lower	Upper
78	100		
77	21.6	19.4	29.0





#41
Methacrylonitrile
Concen: 21.925 ug/l
RT: 7.563 min Scan# 965
Delta R.T. -0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

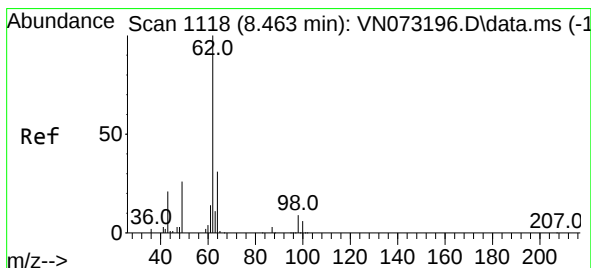
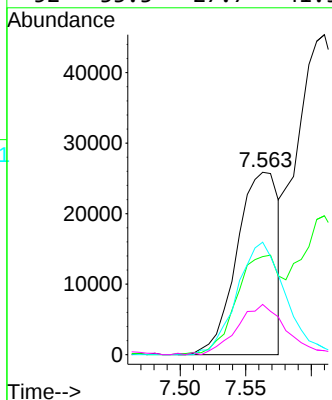
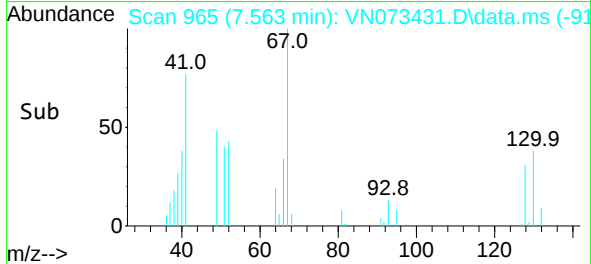
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



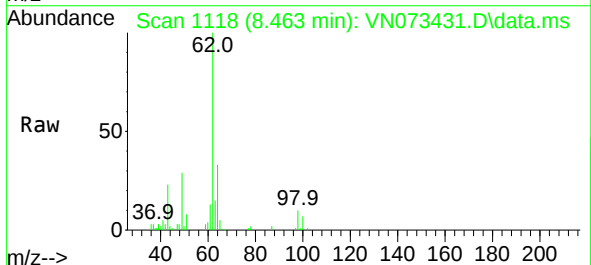
Tgt Ion: 41 Resp: 56630
Ion Ratio Lower Upper
41 100
39 61.2 48.6 73.0
67 73.1 73.4 110.2
52 33.3 27.7 41.5

Manual Integrations
APPROVED

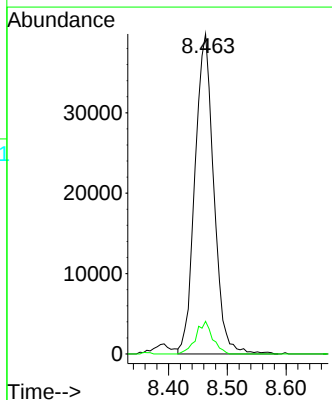
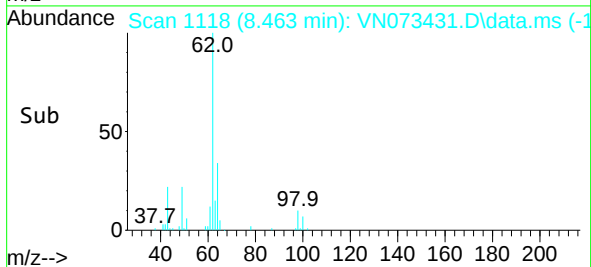
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

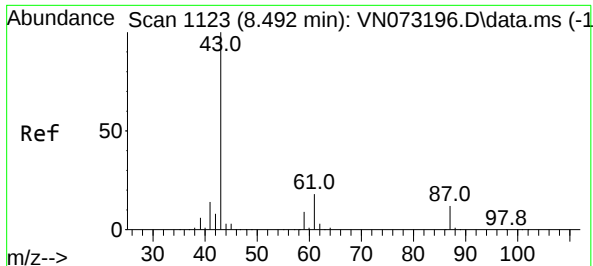


#42
1,2-Dichloroethane
Concen: 22.434 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55



Tgt Ion: 62 Resp: 88473
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.4





#43

Isopropyl Acetate

Concen: 23.035 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN073431.D

Acq: 12 Jul 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBSD01

Tgt Ion: 43 Resp: 17633

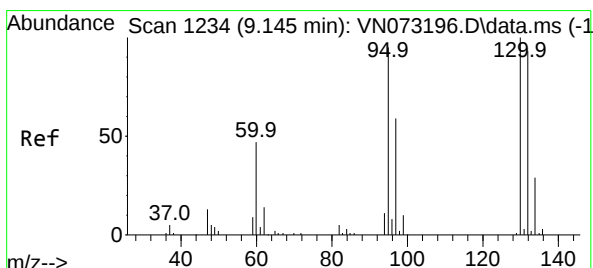
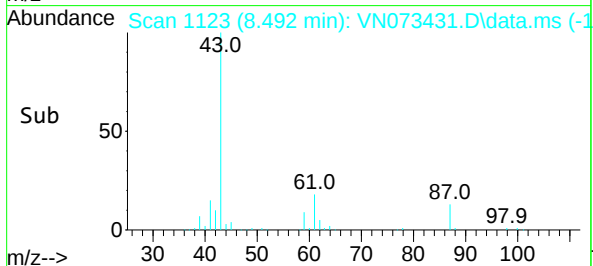
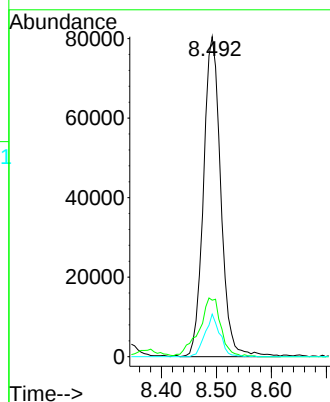
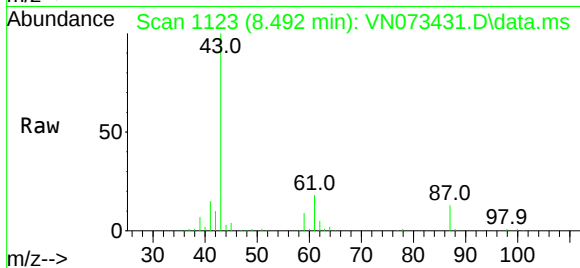
Ion	Ratio	Lower	Upper
43	100		
61	23.1	21.9	32.9
87	11.4	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#44

Trichloroethene

Concen: 19.452 ug/l

RT: 9.151 min Scan# 1235

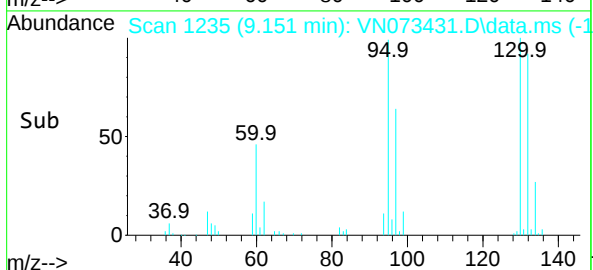
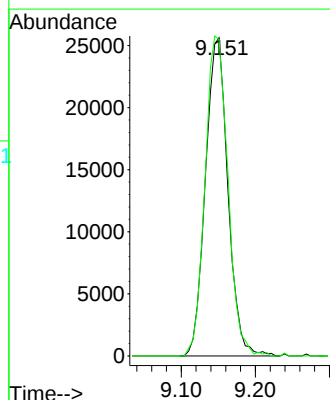
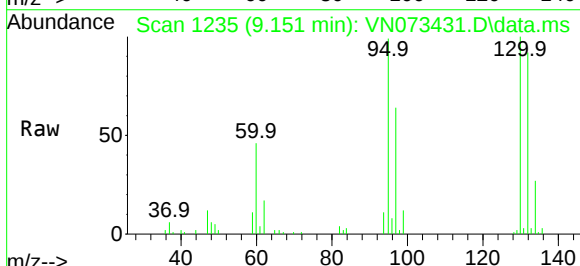
Delta R.T. 0.006 min

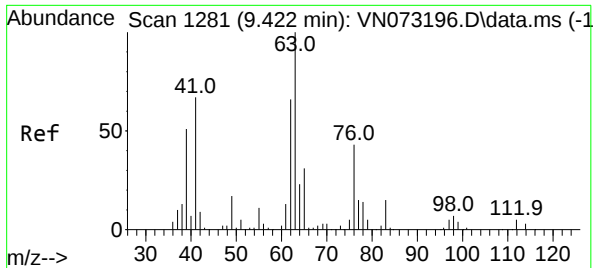
Lab File: VN073431.D

Acq: 12 Jul 2022 12:55

Tgt Ion:130 Resp: 53855

Ion	Ratio	Lower	Upper
130	100		
95	99.4	0.0	186.8





#45

1,2-Dichloropropane

Concen: 21.966 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VN073431.D

Acq: 12 Jul 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBSD01

Tgt Ion: 63 Resp: 60910

Ion Ratio Lower Upper

63 100

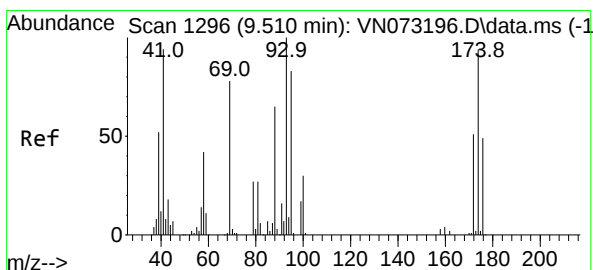
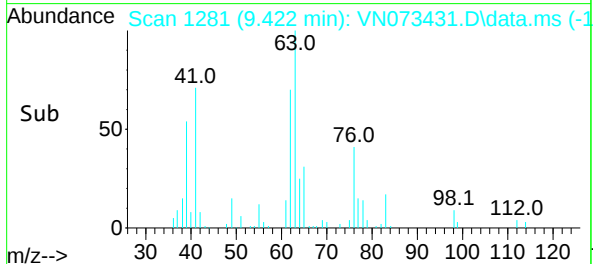
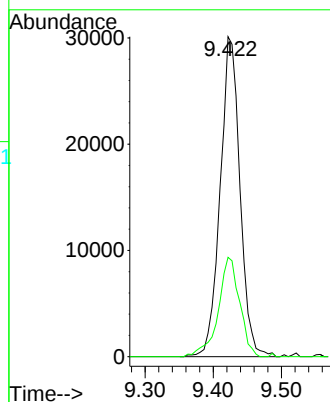
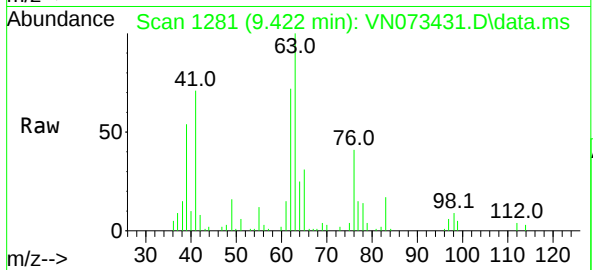
65 31.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#46

Dibromomethane

Concen: 21.604 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VN073431.D

Acq: 12 Jul 2022 12:55

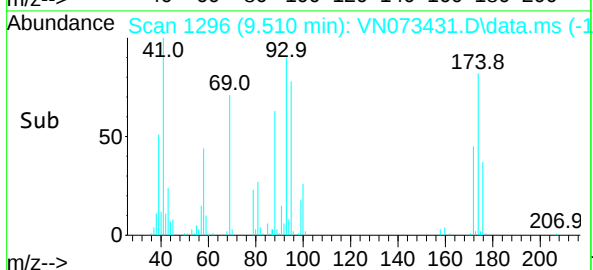
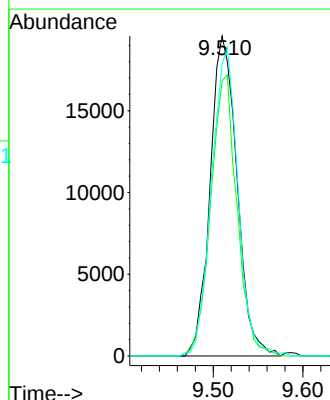
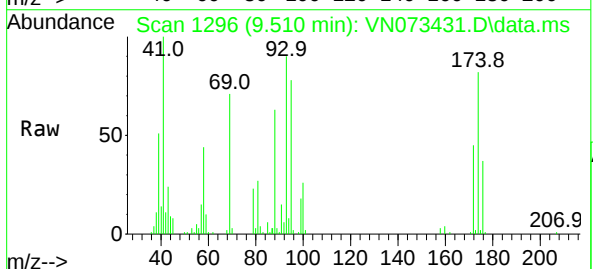
Tgt Ion: 93 Resp: 40676

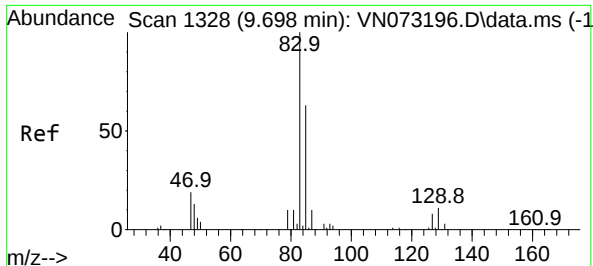
Ion Ratio Lower Upper

93 100

95 85.7 66.9 100.3

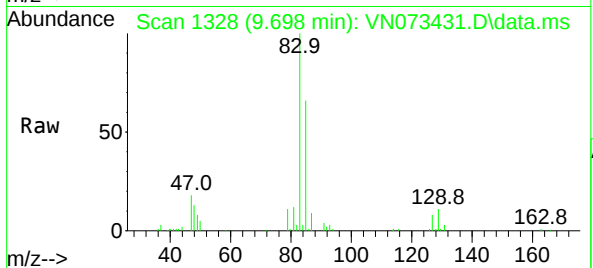
174 95.1 86.6 130.0





#47
Bromodichloromethane
Concen: 22.324 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

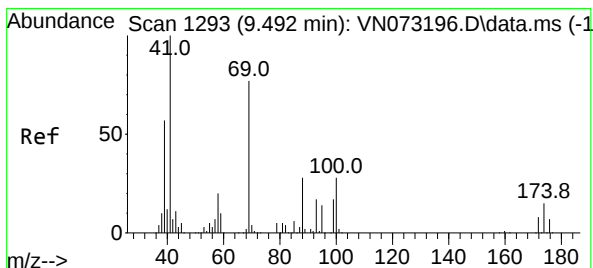
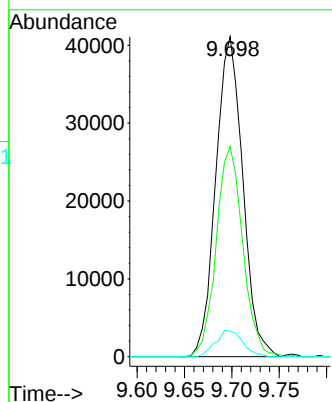
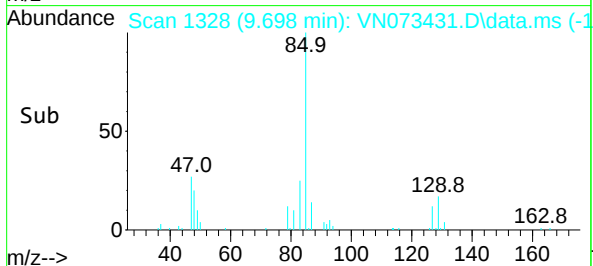
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



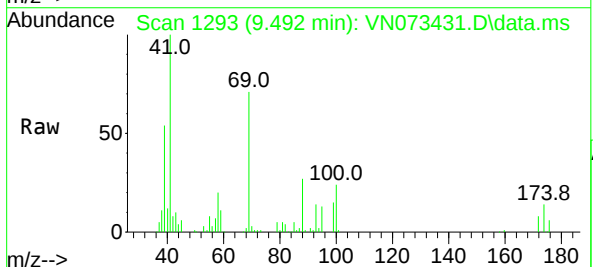
Tgt Ion: 83 Resp: 81400
Ion Ratio Lower Upper
83 100
85 65.7 50.5 75.7
127 8.0 6.8 10.2

Manual Integrations
APPROVED

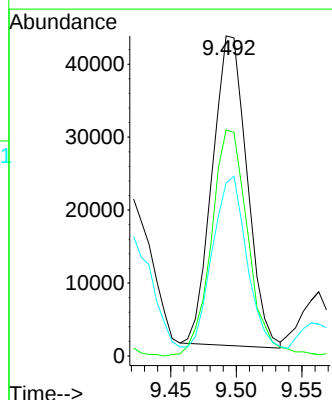
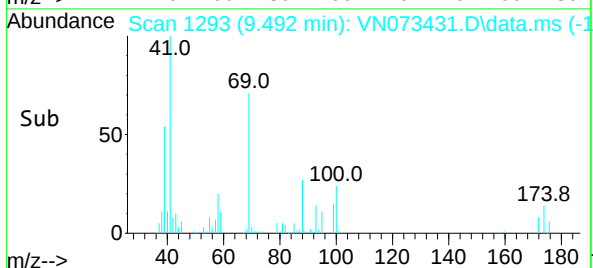
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

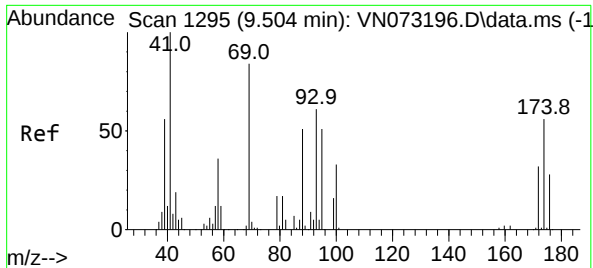


#48
Methyl methacrylate
Concen: 22.025 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55



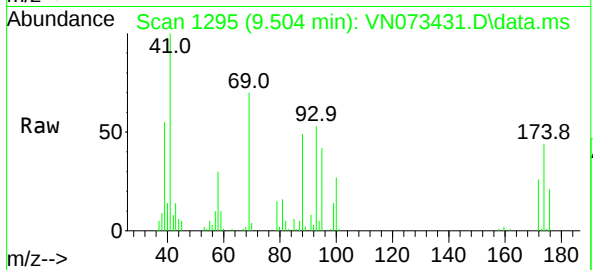
Tgt Ion: 41 Resp: 78063
Ion Ratio Lower Upper
41 100
69 77.4 74.7 112.1
39 60.6 45.6 68.4





#49
1,4-Dioxane
Concen: 493.153 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

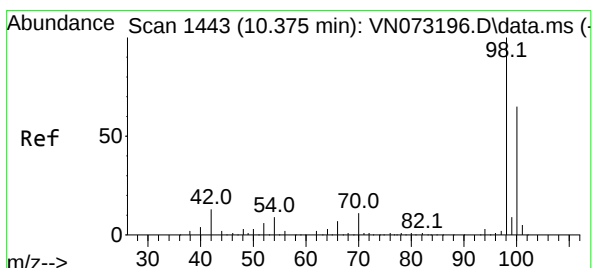
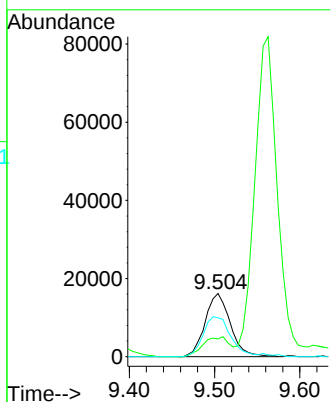
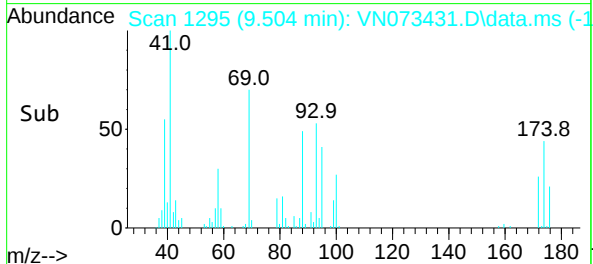
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



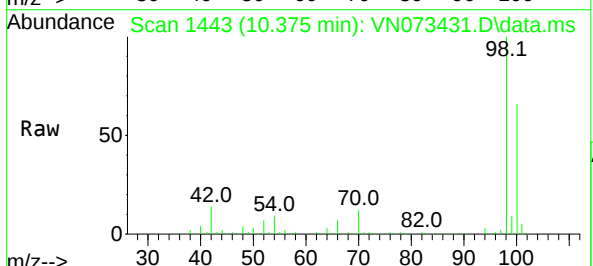
Tgt Ion: 88 Resp: 3318
Ion Ratio Lower Upper
88 100
43 32.7 20.2 30.4
58 69.2 54.2 81.4

Manual Integrations
APPROVED

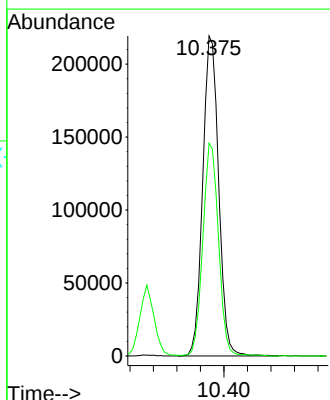
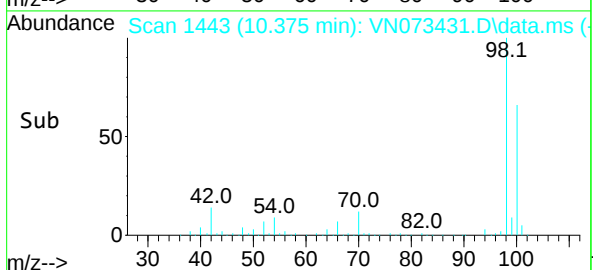
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

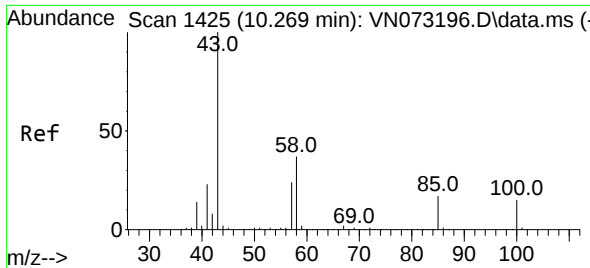


#50
Toluene-d8
Concen: 50.452 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55



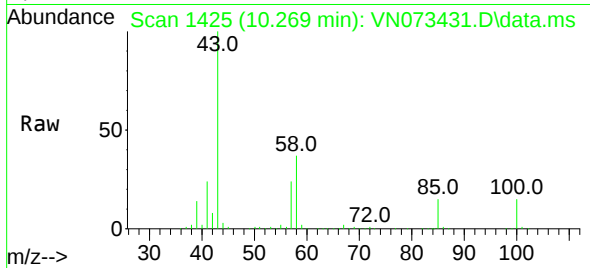
Tgt Ion: 98 Resp: 410522
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 122.553 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

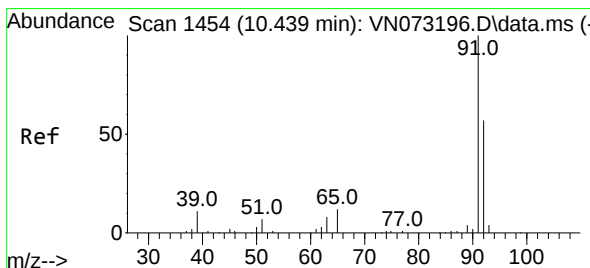
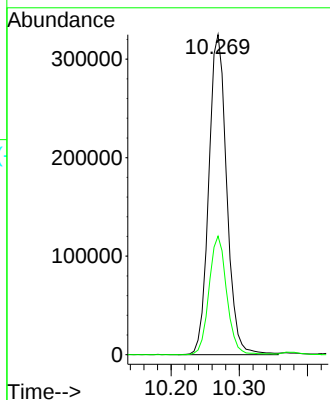
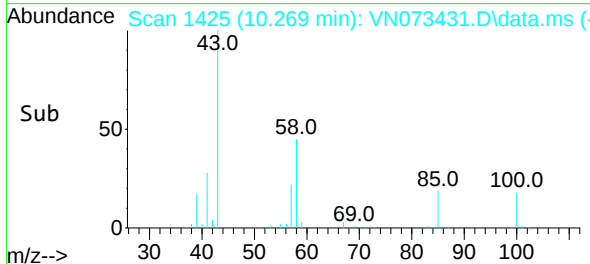
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



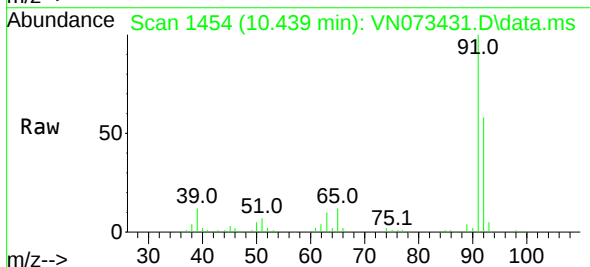
Tgt Ion: 43 Resp: 594920
Ion Ratio Lower Upper
43 100
58 36.5 34.1 51.1

Manual Integrations
APPROVED

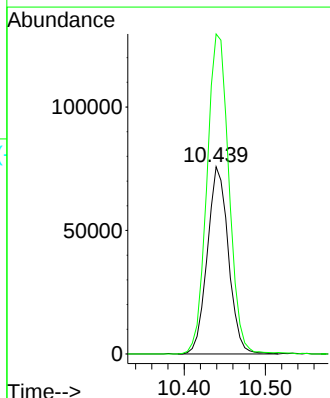
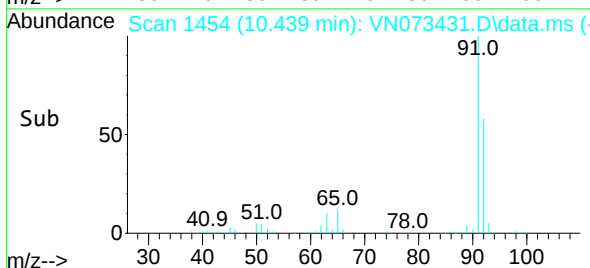
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

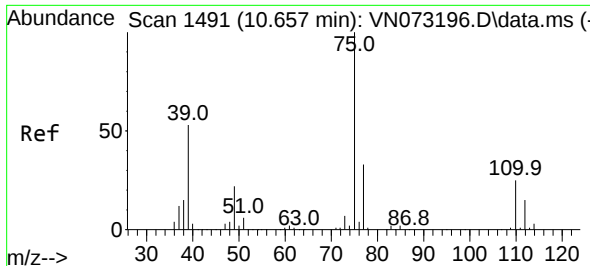


#52
Toluene
Concen: 20.301 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55



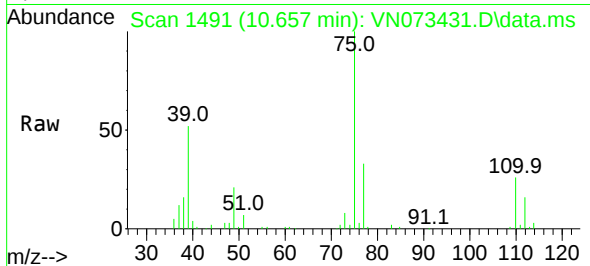
Tgt Ion: 92 Resp: 136488
Ion Ratio Lower Upper
92 100
91 178.8 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 20.477 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

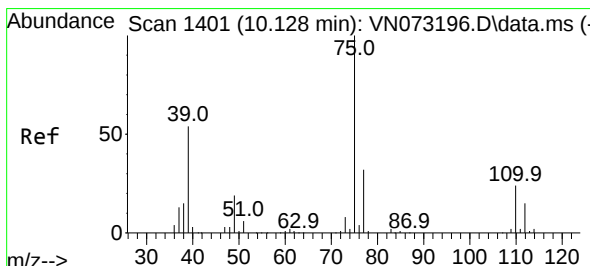
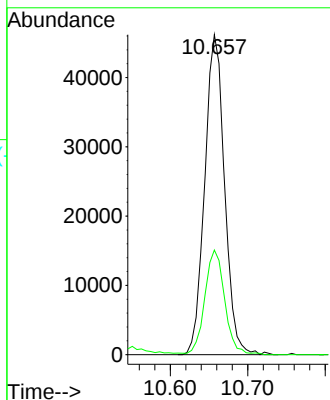
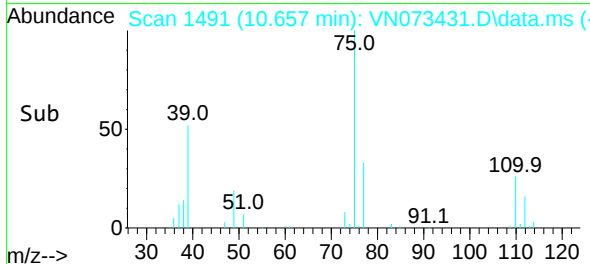
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



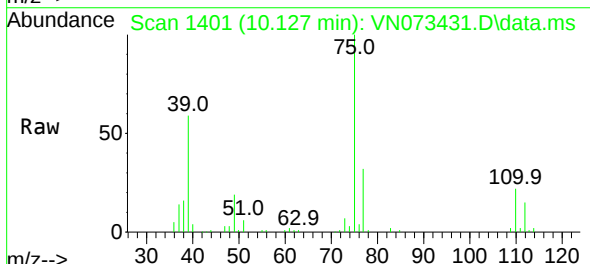
Tgt Ion: 75 Resp: 82200
Ion Ratio Lower Upper
75 100
77 32.7 25.6 38.4

Manual Integrations
APPROVED

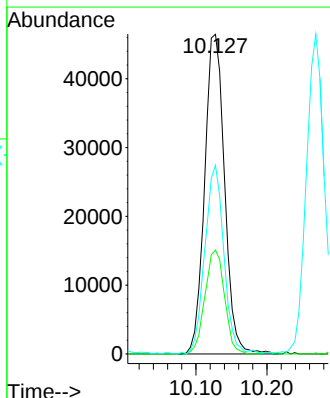
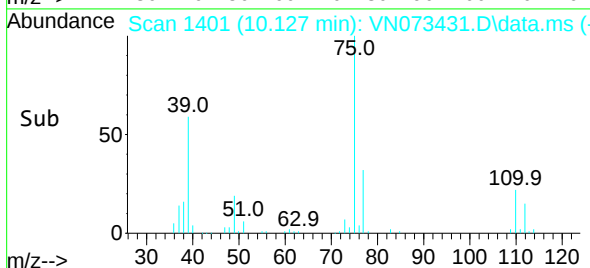
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

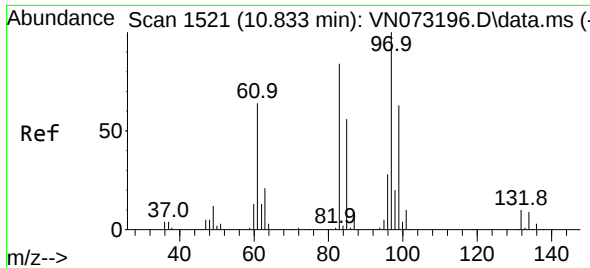


#54
cis-1,3-Dichloropropene
Concen: 20.924 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. -0.001 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55



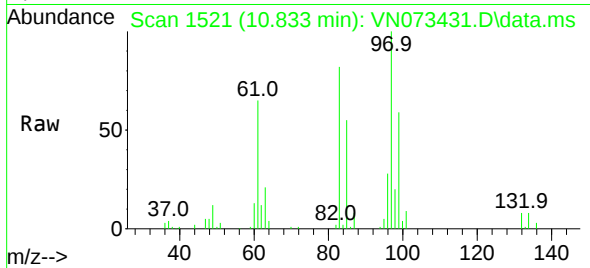
Tgt Ion: 75 Resp: 90680
Ion Ratio Lower Upper
75 100
77 32.5 25.2 37.8
39 59.0 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 21.665 ug/l
RT: 10.833 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

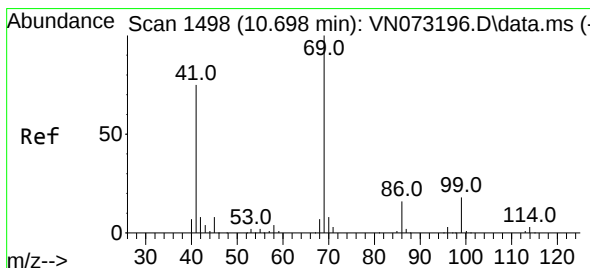
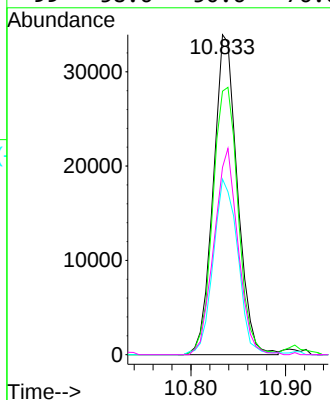
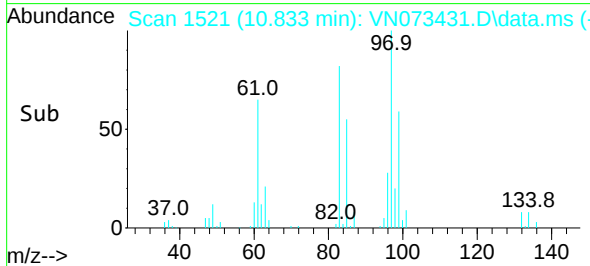
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



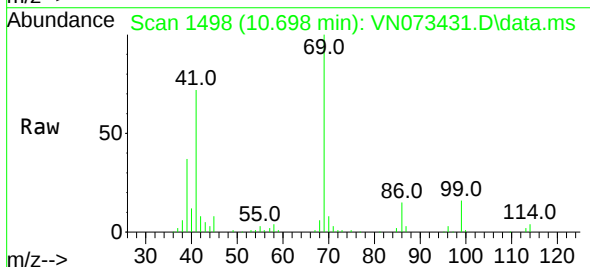
Tgt Ion:	97	Resp:	5996
Ion	Ratio	Lower	Upper
97	100		
83	82.3	66.2	99.4
85	54.9	43.9	65.9
99	58.6	50.6	76.0

Manual Integrations
APPROVED

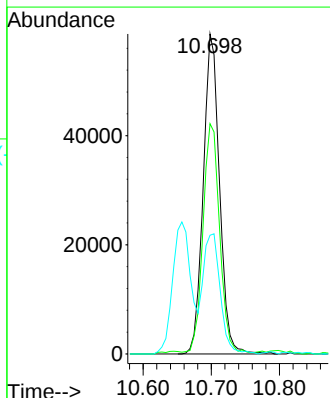
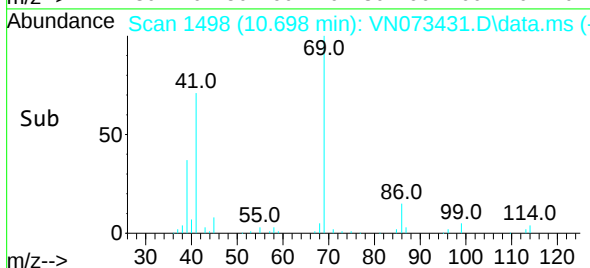
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

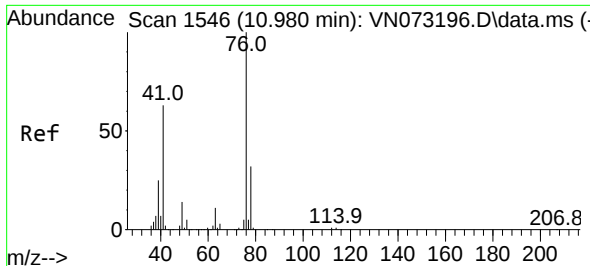


#56
Ethyl methacrylate
Concen: 21.783 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55



Tgt Ion:	69	Resp:	97451
Ion	Ratio	Lower	Upper
69	100		
41	72.9	47.8	71.6#
39	39.3	27.3	40.9





#57

1,3-Dichloropropane

Concen: 22.329 ug/l

RT: 10.986 min Scan# 1546

Delta R.T. 0.006 min

Lab File: VN073431.D

Acq: 12 Jul 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBSD01

Tgt Ion: 76 Resp: 105950

Ion Ratio Lower Upper

76 100

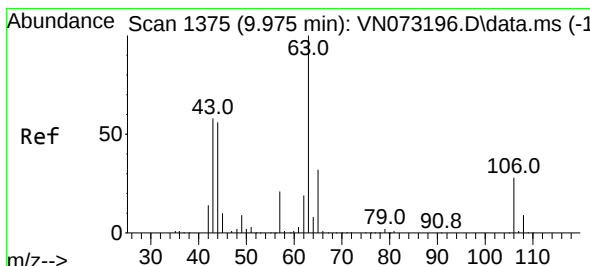
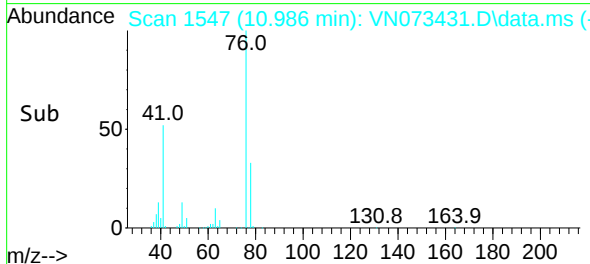
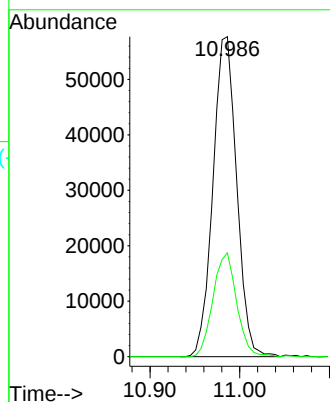
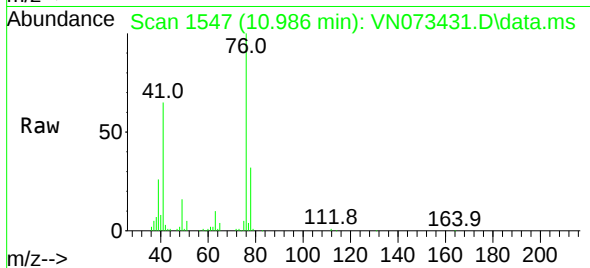
78 32.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 109.180 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.005 min

Lab File: VN073431.D

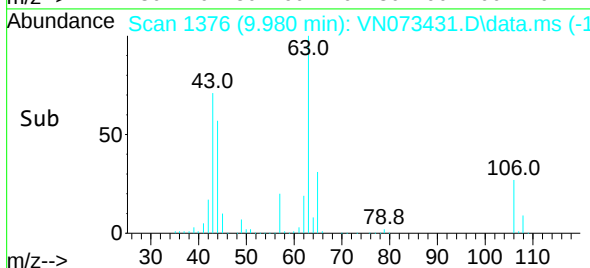
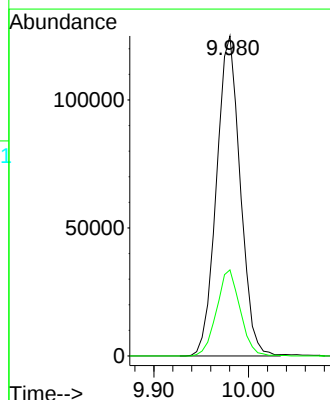
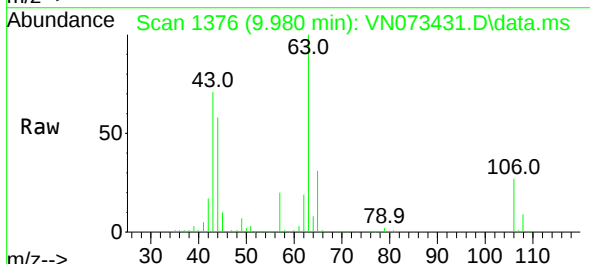
Acq: 12 Jul 2022 12:55

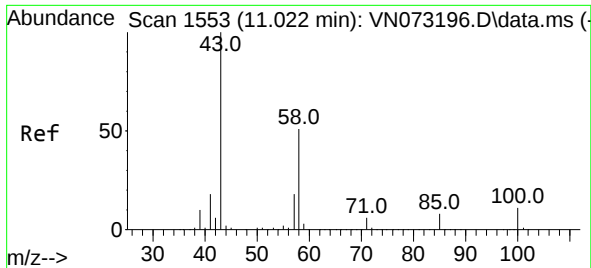
Tgt Ion: 63 Resp: 217838

Ion Ratio Lower Upper

63 100

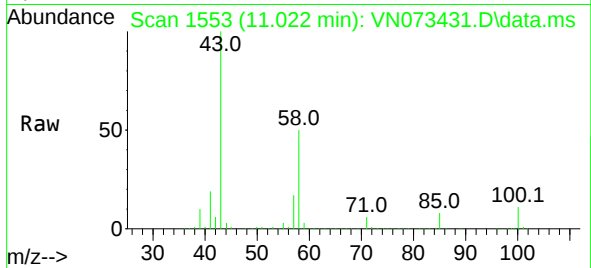
106 26.7 24.6 36.8





#59
2-Hexanone
Concen: 121.957 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. -0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

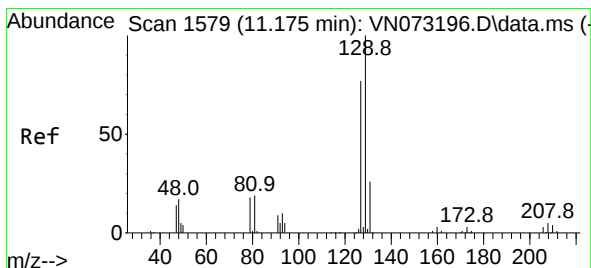
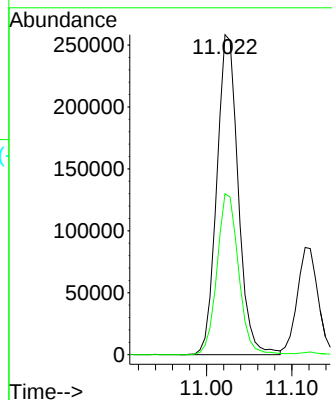
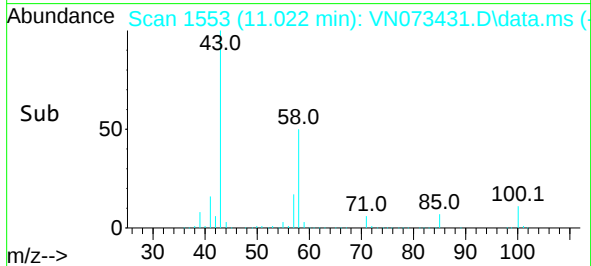
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 43 Resp: 451289
Ion Ratio Lower Upper
43 100
58 50.6 29.7 89.1

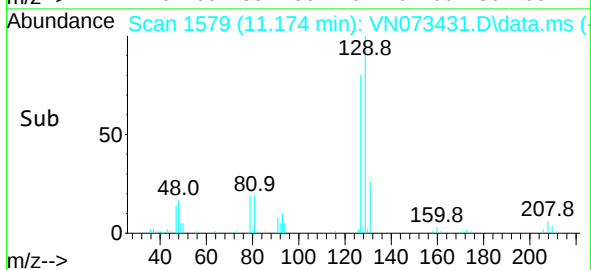
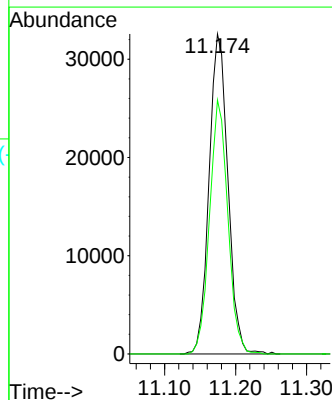
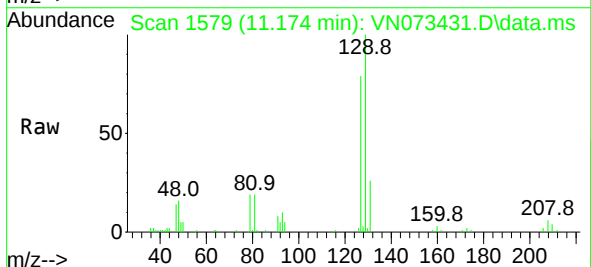
Manual Integrations
APPROVED

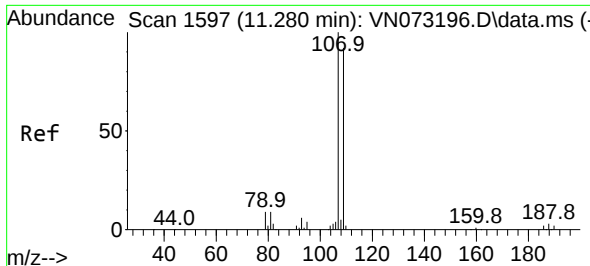
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#60
Dibromochloromethane
Concen: 22.696 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. -0.001 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

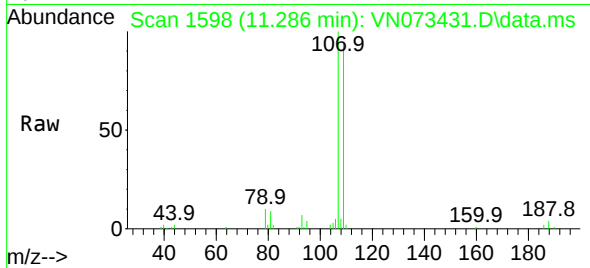
Tgt Ion:129 Resp: 59894
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 21.919 ug/l
RT: 11.286 min Scan# 11286
Delta R.T. 0.006 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

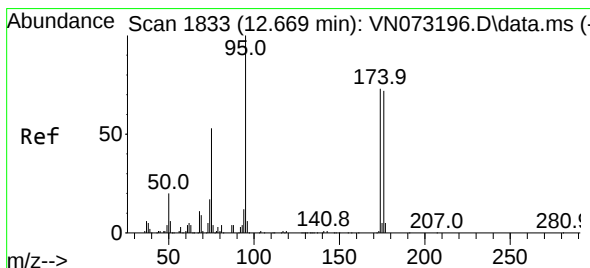
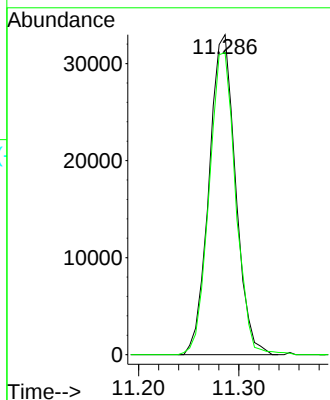
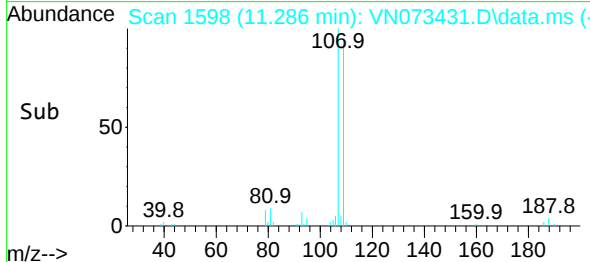
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



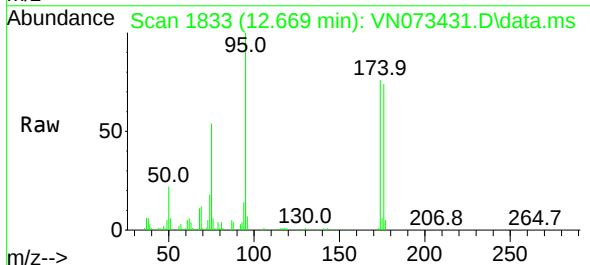
Tgt Ion:107 Resp: 60598
Ion Ratio Lower Upper
107 100
109 94.5 75.0 112.6

Manual Integrations
APPROVED

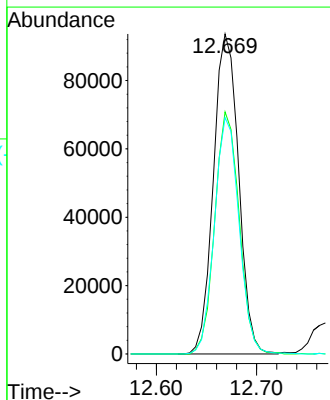
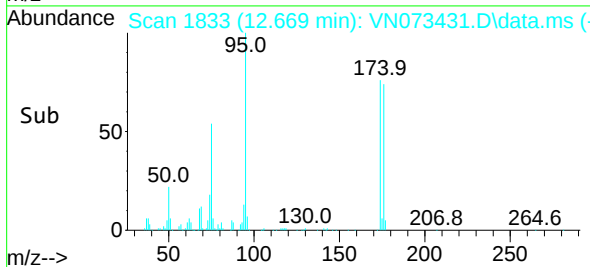
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

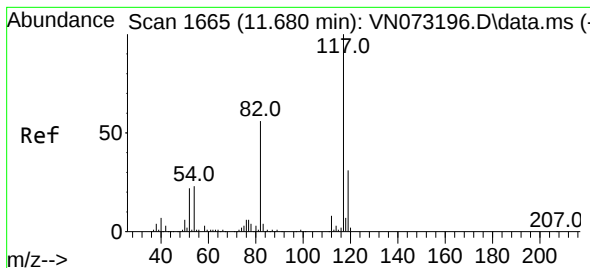


#62
4-Bromofluorobenzene
Concen: 52.164 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55



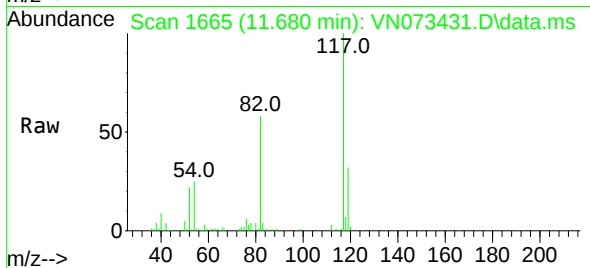
Tgt Ion: 95 Resp: 163115
Ion Ratio Lower Upper
95 100
174 73.3 0.0 167.6
176 72.2 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

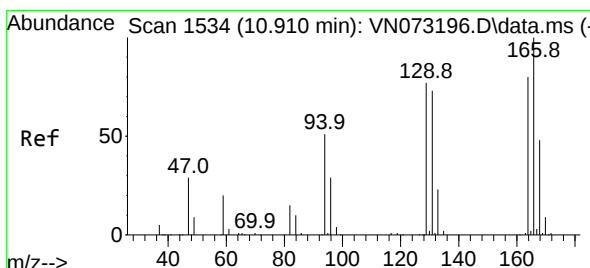
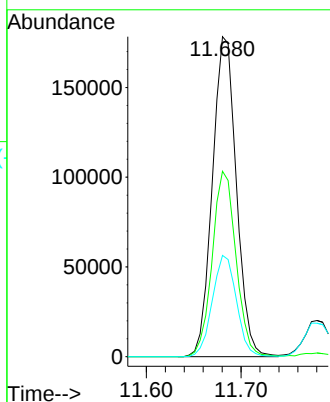
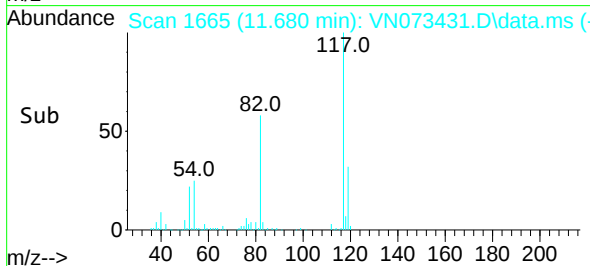
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



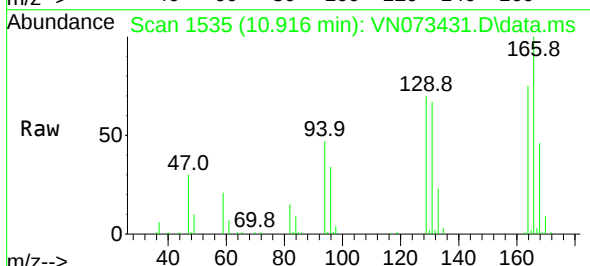
Tgt Ion:117 Resp: 31404
Ion Ratio Lower Upper
117 100
82 57.9 44.2 66.2
119 31.7 25.4 38.0

Manual Integrations
APPROVED

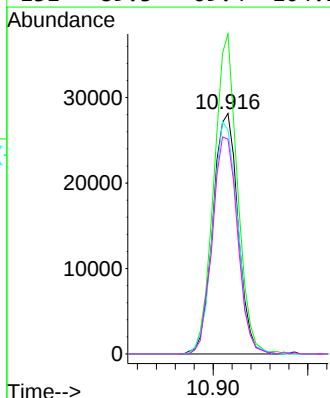
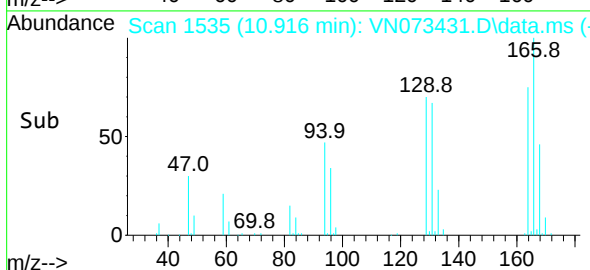
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

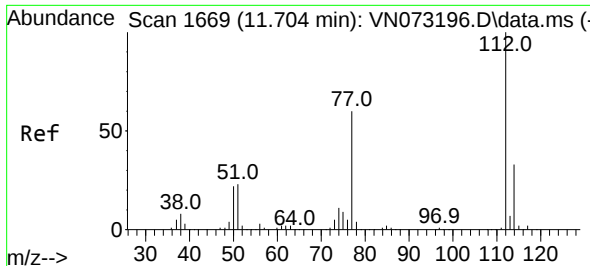


#64
Tetrachloroethene
Concen: 20.174 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.006 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55



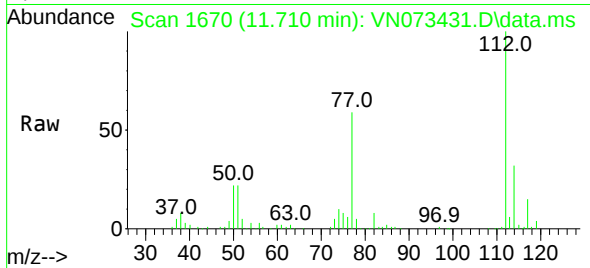
Tgt Ion:164 Resp: 51735
Ion Ratio Lower Upper
164 100
166 133.0 104.2 156.2
129 93.1 73.9 110.9
131 89.3 69.4 104.2





#65
Chlorobenzene
Concen: 20.534 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.006 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

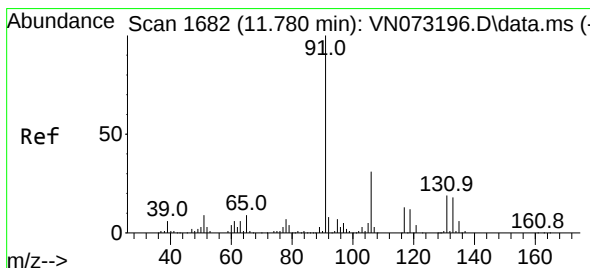
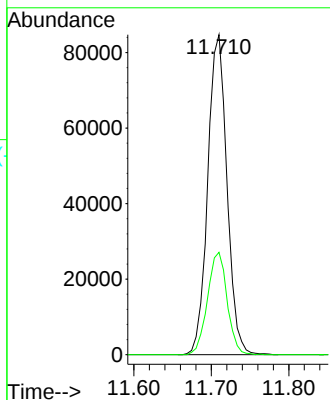
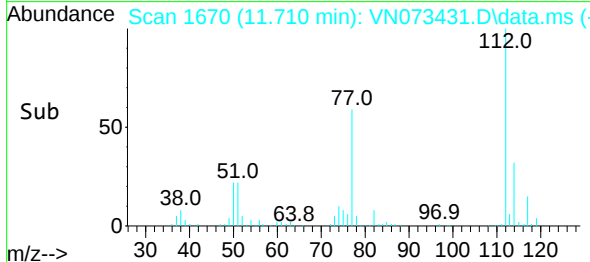
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



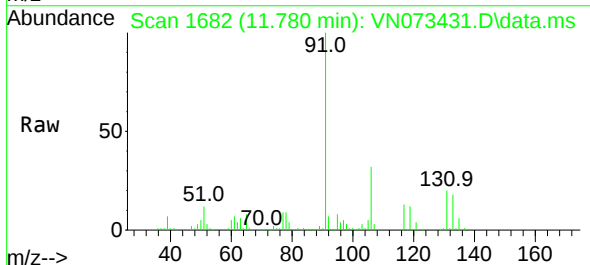
Tgt Ion:112 Resp: 145840
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2

Manual Integrations
APPROVED

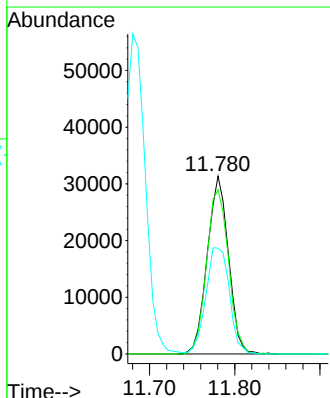
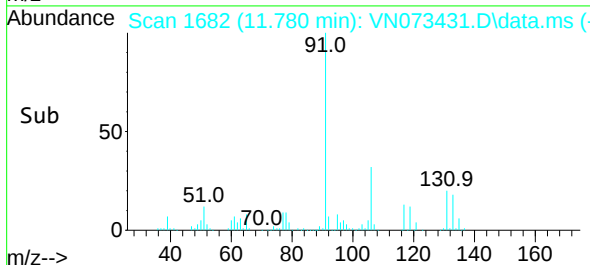
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

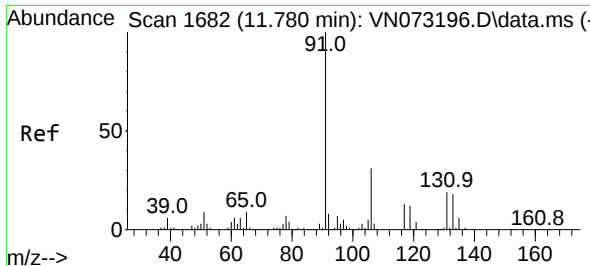


#66
1,1,1,2-Tetrachloroethane
Concen: 20.750 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55



Tgt Ion:131 Resp: 54209
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.4
119 66.4 33.4 100.2





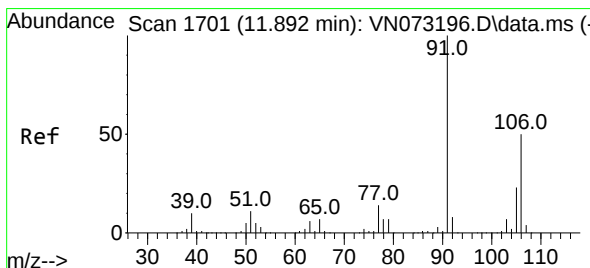
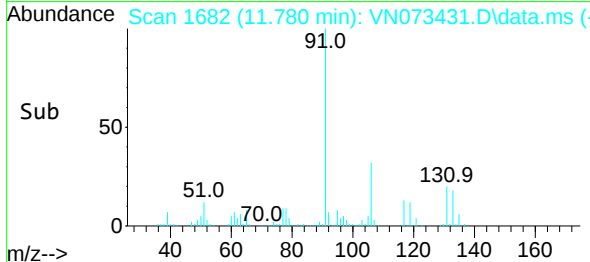
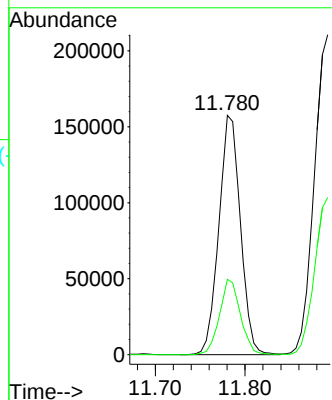
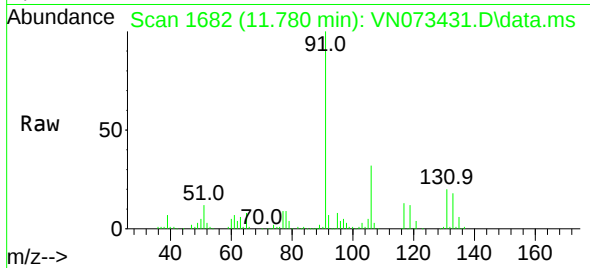
#67
Ethyl Benzene
Concen: 20.398 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01

Tgt Ion: 91 Resp: 263018
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

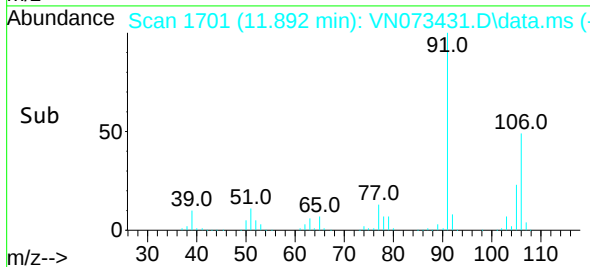
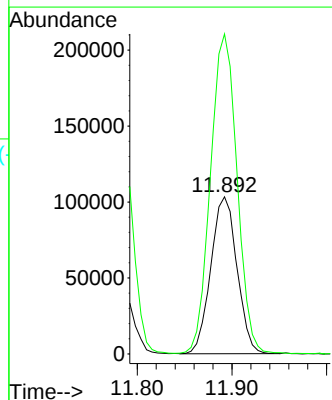
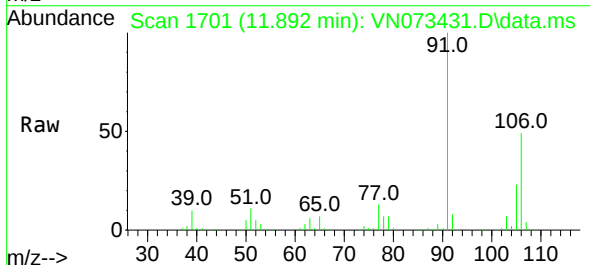
Manual Integrations
APPROVED

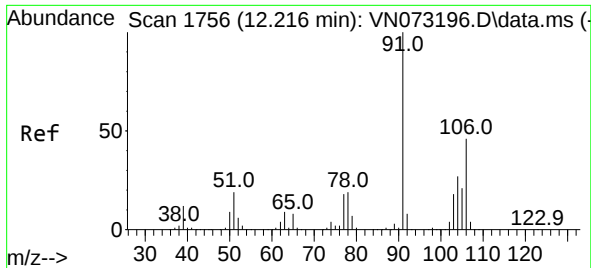
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#68
m/p-Xylenes
Concen: 40.734 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

Tgt Ion:106 Resp: 198224
Ion Ratio Lower Upper
106 100
91 207.1 158.9 238.3





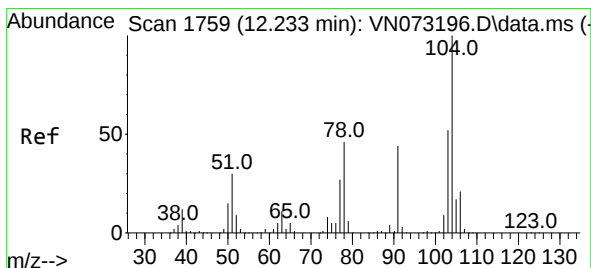
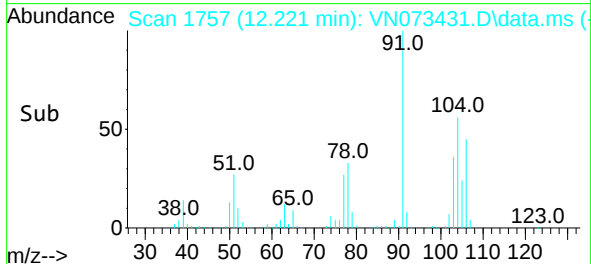
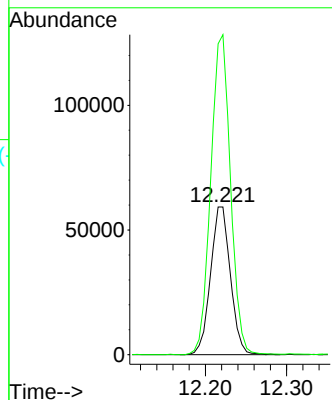
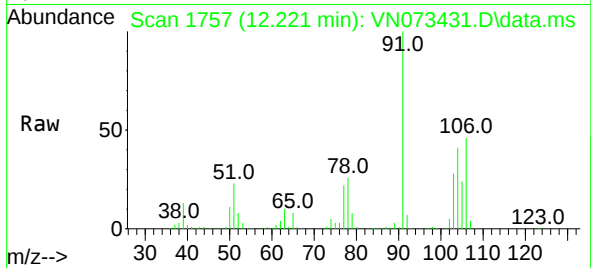
#69
o-Xylene
Concen: 20.246 ug/l
RT: 12.221 min Scan# 1756
Delta R.T. 0.005 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01

Tgt Ion:106 Resp: 100580
Ion Ratio Lower Upper
106 100
91 215.6 106.0 318.0

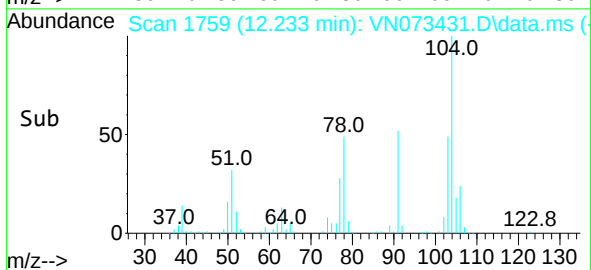
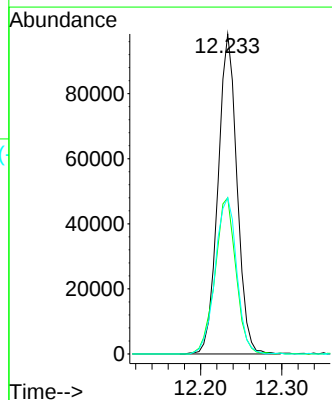
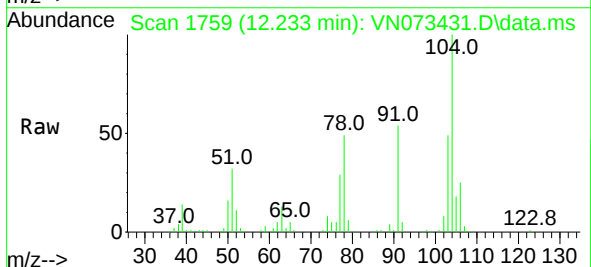
Manual Integrations
APPROVED

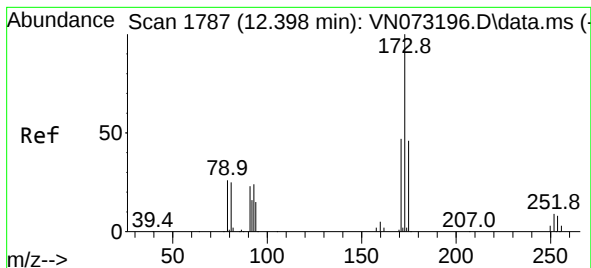
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#70
Styrene
Concen: 20.897 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

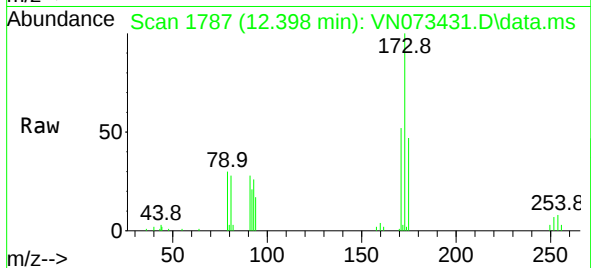
Tgt Ion:104 Resp: 160280
Ion Ratio Lower Upper
104 100
78 53.6 39.5 59.3
103 55.1 44.0 66.0





#71
Bromoform
Concen: 20.975 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

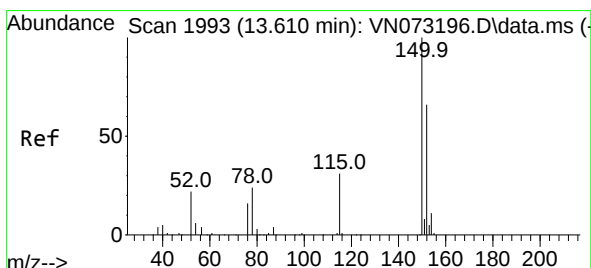
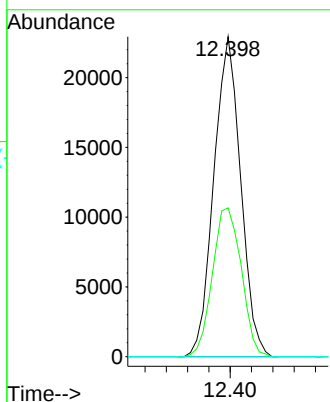
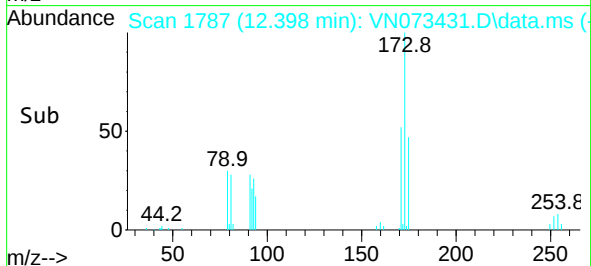
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



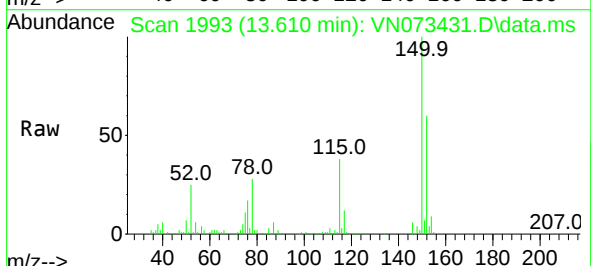
Tgt Ion:173 Resp: 40090
Ion Ratio Lower Upper
173 100
175 49.9 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

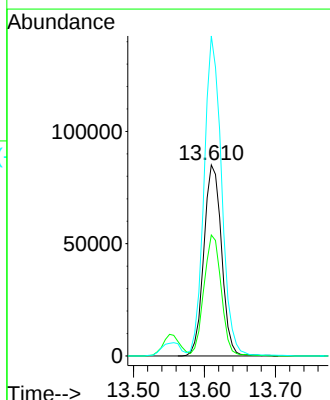
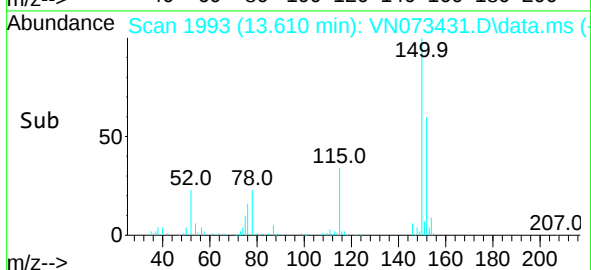
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

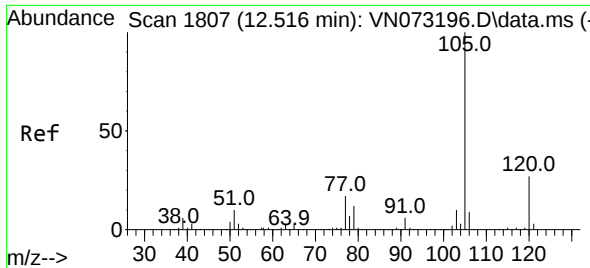


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55



Tgt Ion:152 Resp: 147828
Ion Ratio Lower Upper
152 100
115 62.0 28.9 86.7
150 166.5 0.0 356.2





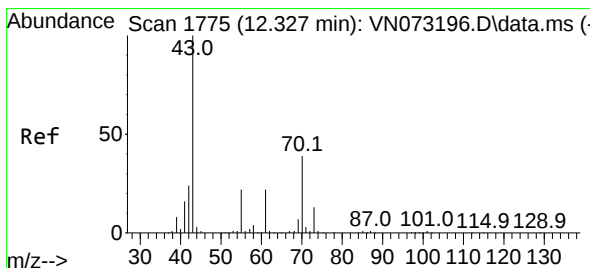
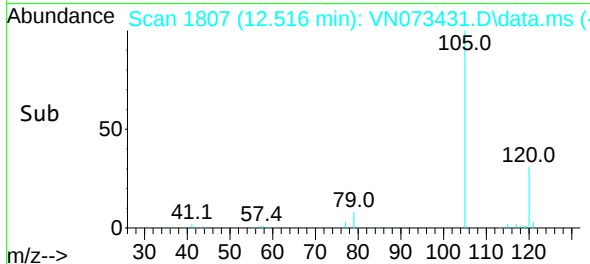
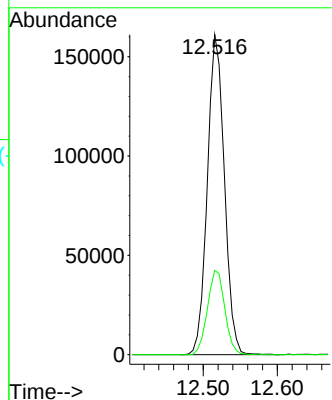
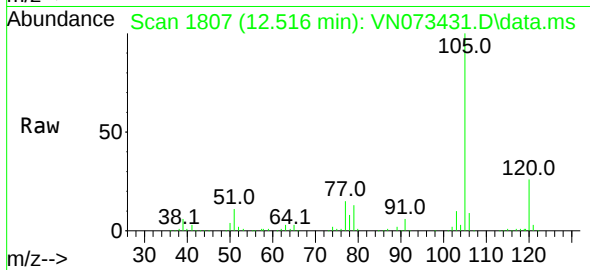
#73
Isopropylbenzene
Concen: 20.143 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01

Tgt Ion:105 Resp: 25713
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4

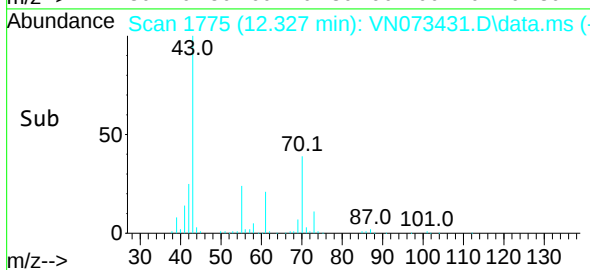
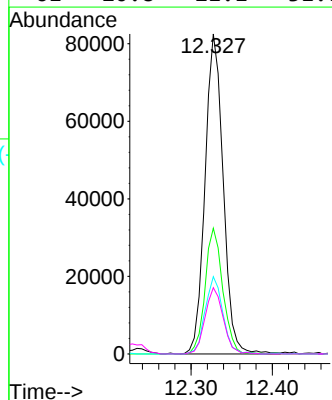
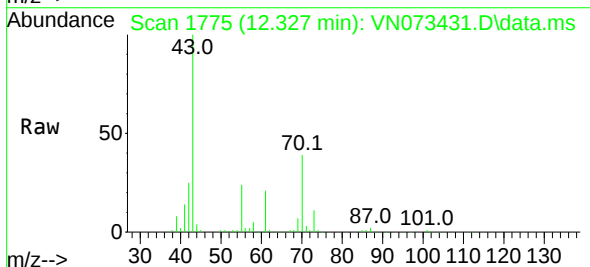
Manual Integrations
APPROVED

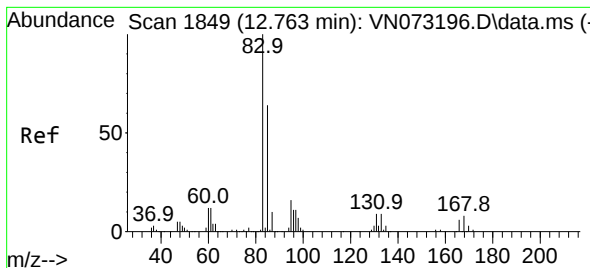
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#74
N-ethyl acetate
Concen: 20.034 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

Tgt Ion: 43 Resp: 128055
Ion Ratio Lower Upper
43 100
70 38.3 39.0 58.4#
55 23.6 21.1 31.7
61 20.8 21.1 31.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 22.150 ug/l

RT: 12.769 min Scan# 1849

Delta R.T. 0.005 min

Lab File: VN073431.D

Acq: 12 Jul 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBSD01

Tgt Ion: 83 Resp: 9383

Ion Ratio Lower Upper

83 100

131 10.1 5.3 15.9

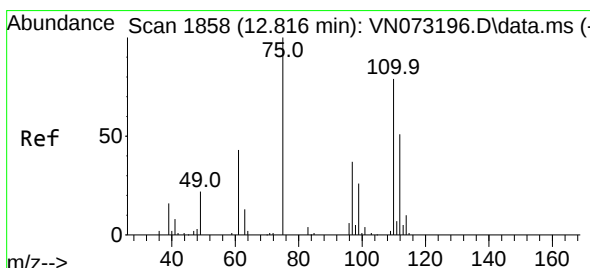
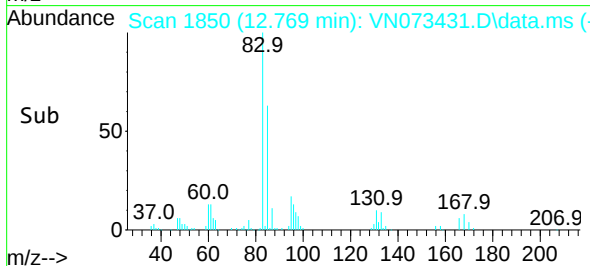
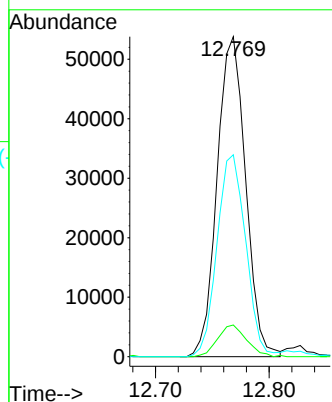
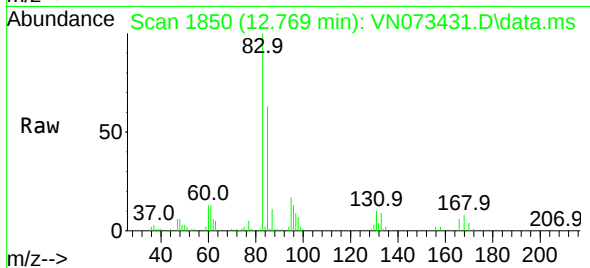
85 63.2 32.3 96.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#76

1,2,3-Trichloropropane

Concen: 21.261 ug/l m

RT: 12.821 min Scan# 1859

Delta R.T. 0.005 min

Lab File: VN073431.D

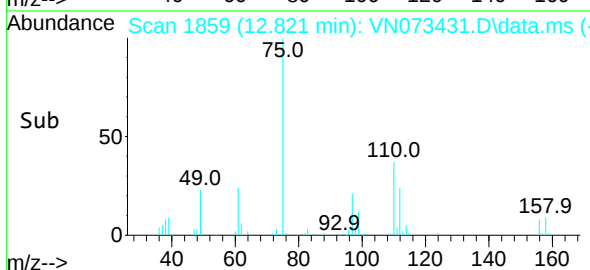
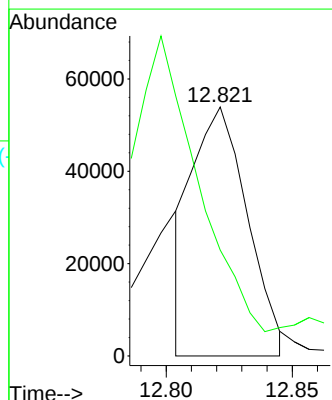
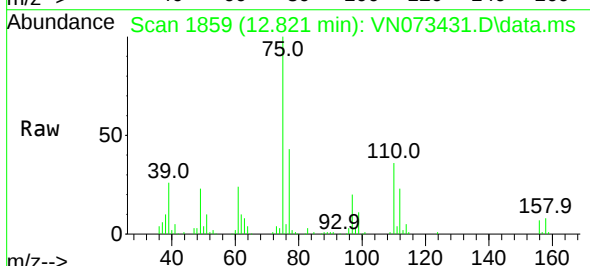
Acq: 12 Jul 2022 12:55

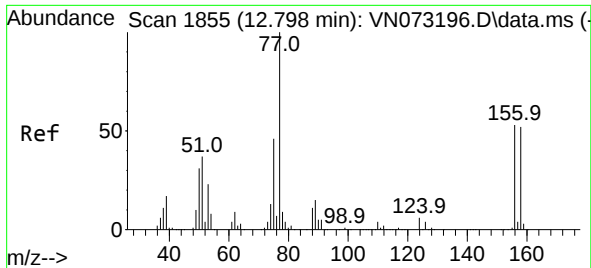
Tgt Ion: 75 Resp: 82181

Ion Ratio Lower Upper

75 100

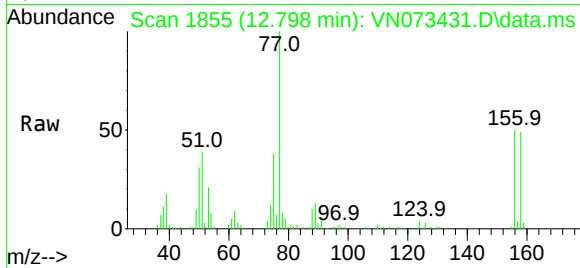
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 19.790 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

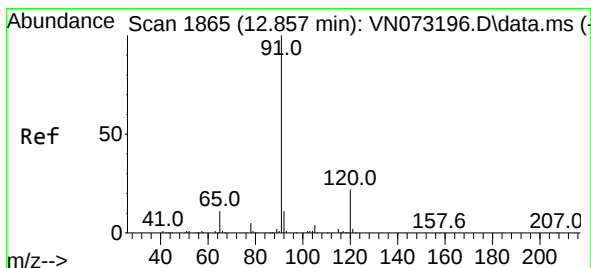
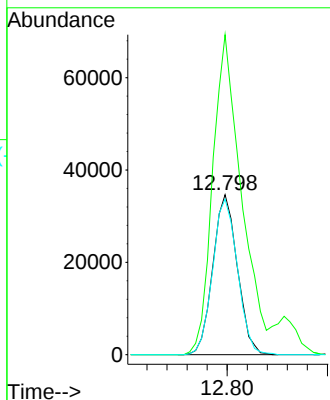
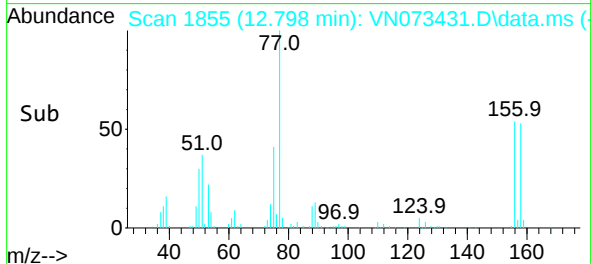
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



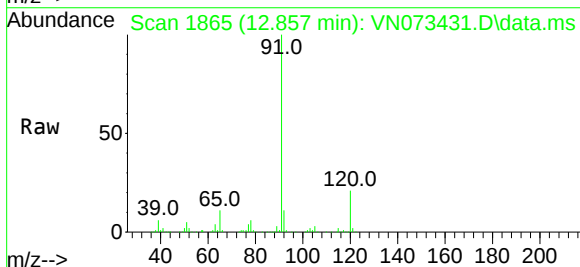
Tgt Ion:156 Resp: 58730
Ion Ratio Lower Upper
156 100
77 236.5 100.5 301.5
158 98.6 48.9 146.6

Manual Integrations
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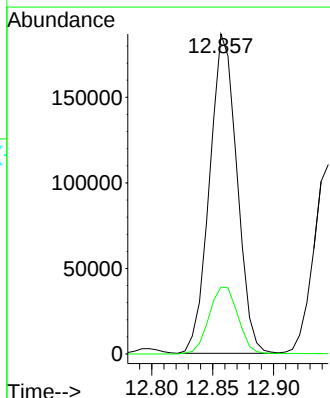
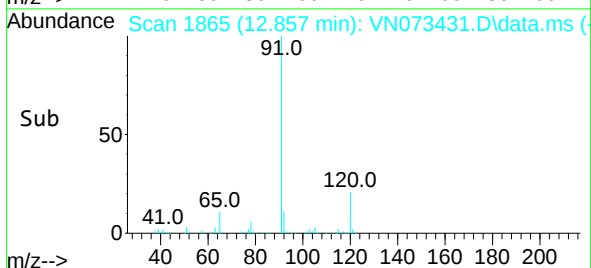
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

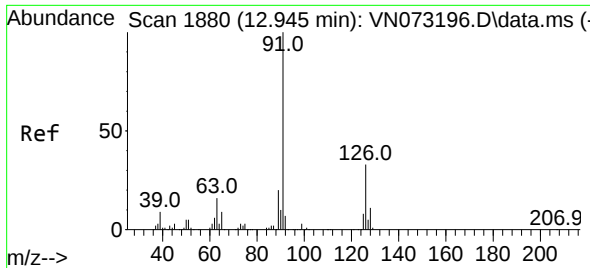


#78
n-propylbenzene
Concen: 20.628 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55



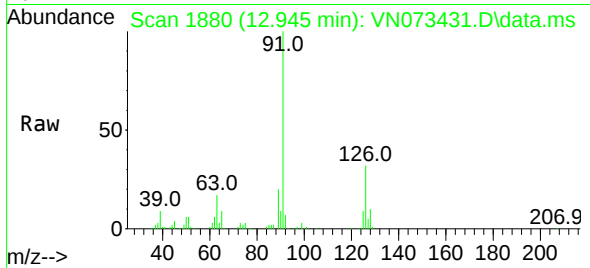
Tgt Ion: 91 Resp: 292535
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.5





#79
2-Chlorotoluene
Concen: 20.700 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

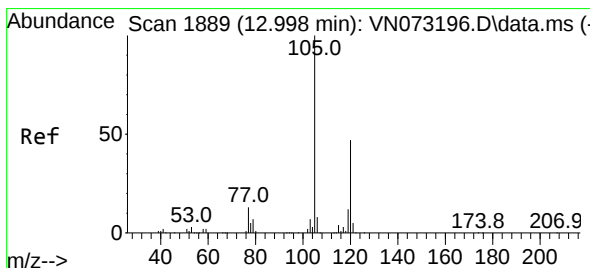
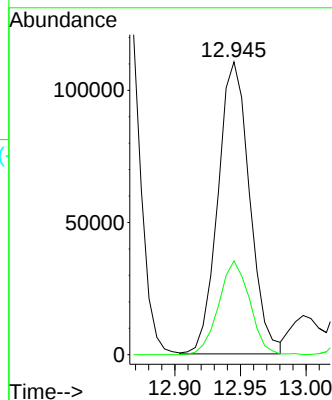
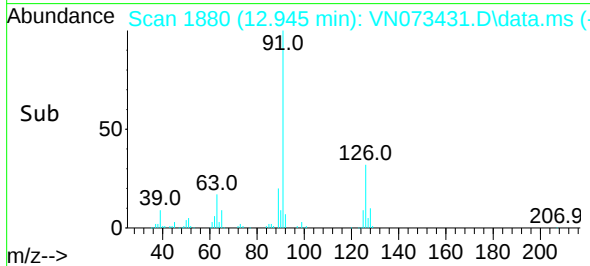
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



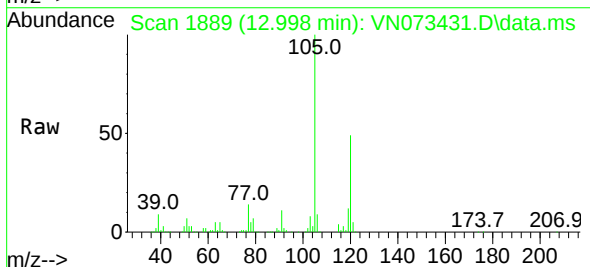
Tgt Ion: 91 Resp: 18579
Ion Ratio Lower Upper
91 100
126 31.4 17.3 51.9

Manual Integrations
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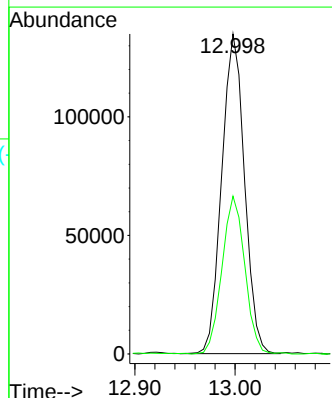
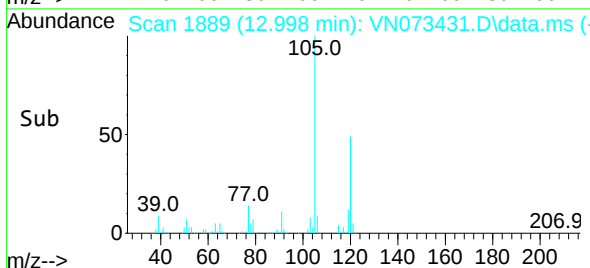
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

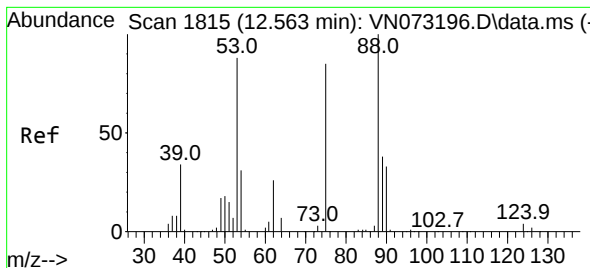


#80
1,3,5-Trimethylbenzene
Concen: 20.400 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55



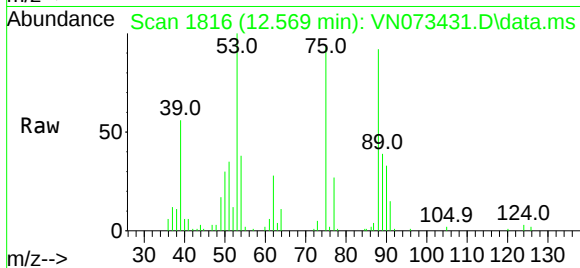
Tgt Ion:105 Resp: 212262
Ion Ratio Lower Upper
105 100
120 49.5 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 19.507 ug/l
RT: 12.569 min Scan# 1815
Delta R.T. 0.005 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

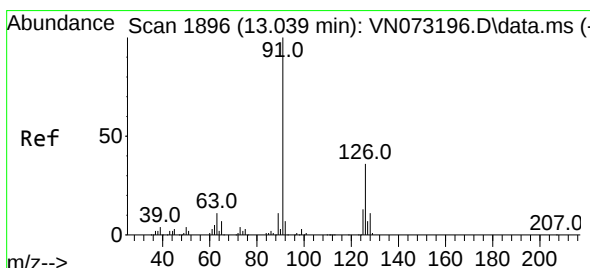
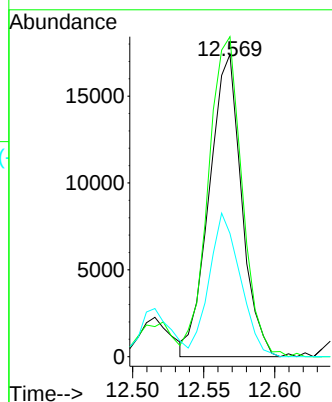
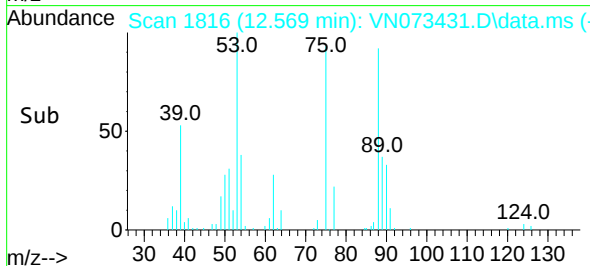
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



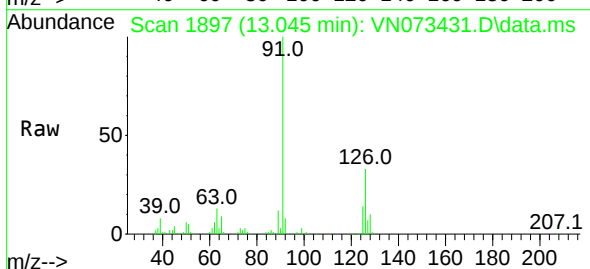
Tgt Ion: 75 Resp: 27498
Ion Ratio Lower Upper
75 100
53 110.6 78.0 117.0
89 46.0 37.2 55.8

Manual Integrations
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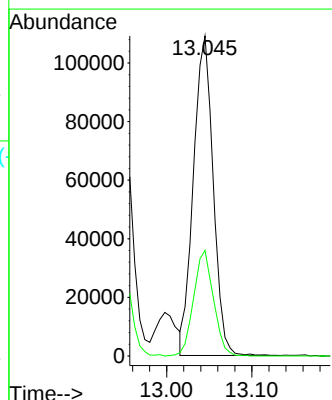
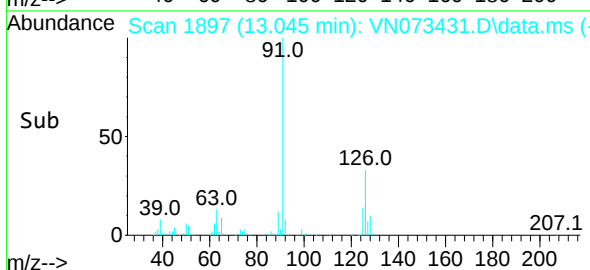
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

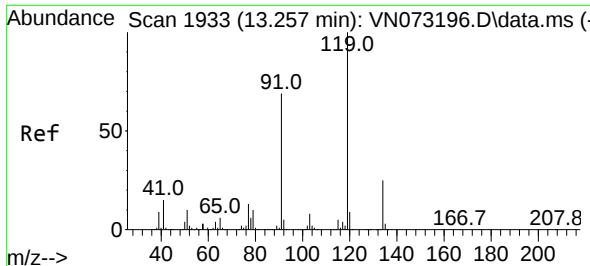


#82
4-Chlorotoluene
Concen: 20.144 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55



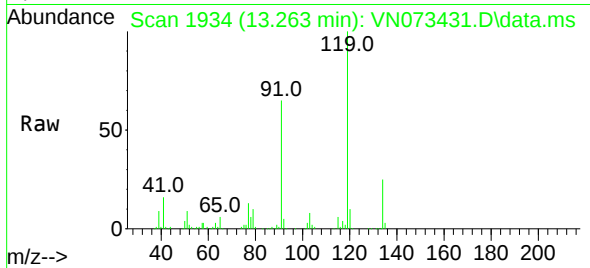
Tgt Ion: 91 Resp: 175041
Ion Ratio Lower Upper
91 100
126 33.3 17.2 51.6





#83
tert-Butylbenzene
Concen: 20.097 ug/l
RT: 13.263 min Scan# 1933
Delta R.T. 0.006 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

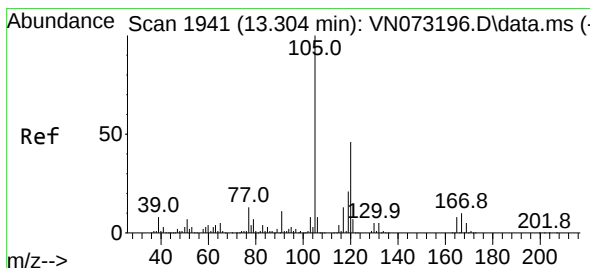
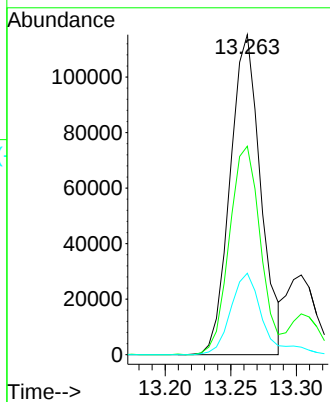
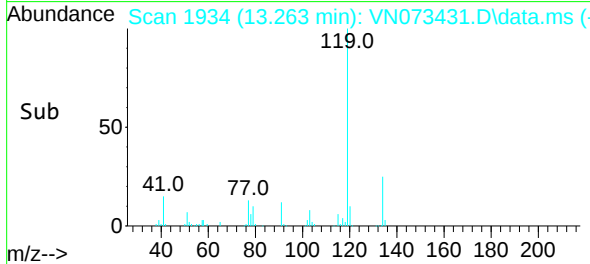
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



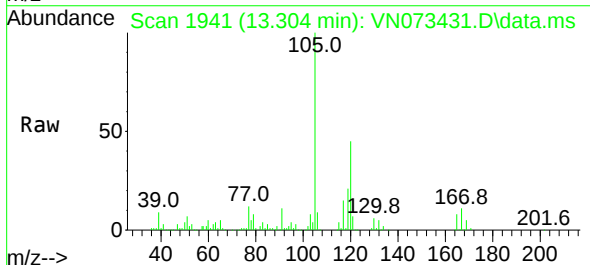
Tgt Ion:119 Resp: 187470
Ion Ratio Lower Upper
119 100
91 66.0 31.6 94.8
134 26.8 13.7 41.1

Manual Integrations
APPROVED

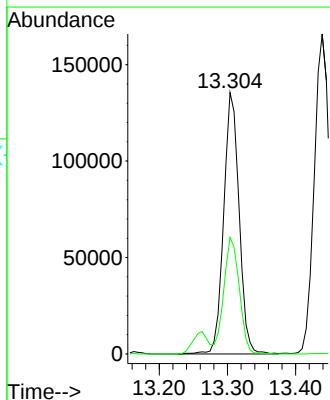
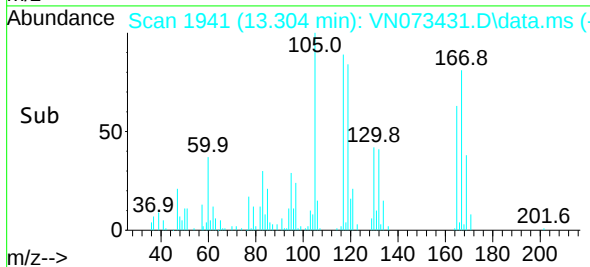
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

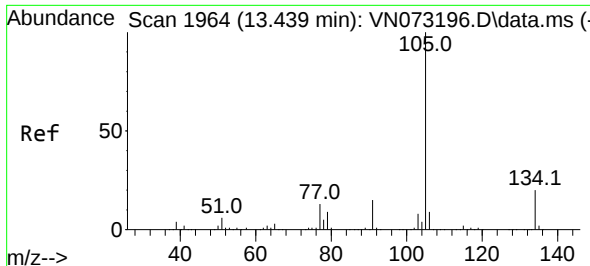


#84
1,2,4-Trimethylbenzene
Concen: 20.542 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55



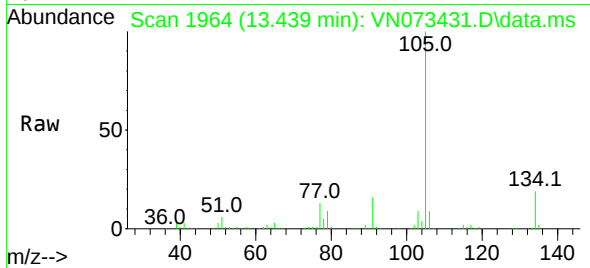
Tgt Ion:105 Resp: 213399
Ion Ratio Lower Upper
105 100
120 45.3 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 20.926 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073431.D
 Acq: 12 Jul 2022 12:55

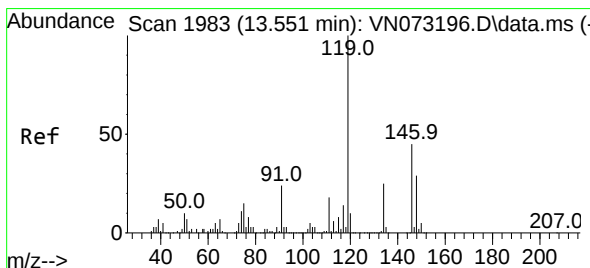
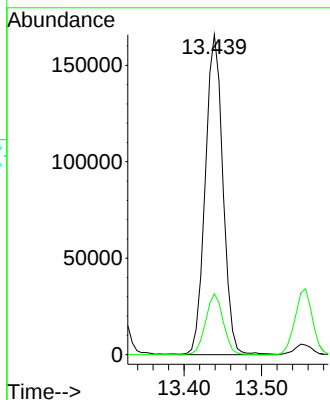
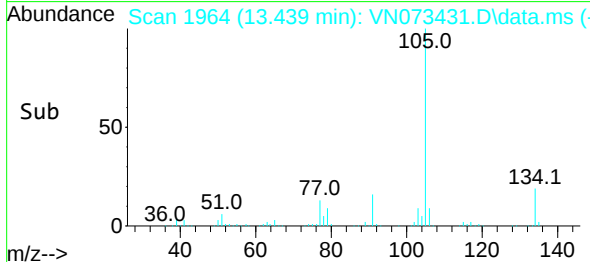
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBSD01



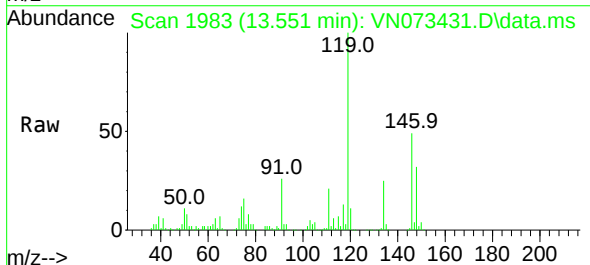
Tgt Ion:105 Resp: 262119
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.4 31.1

Manual Integrations
 APPROVED

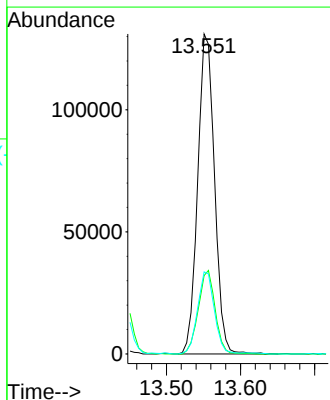
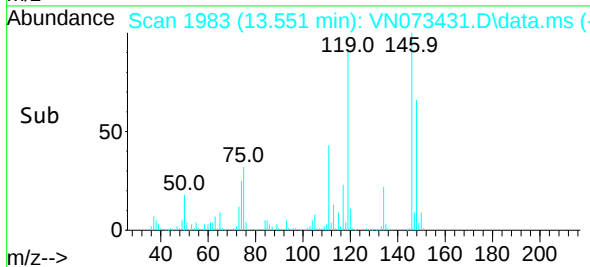
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022

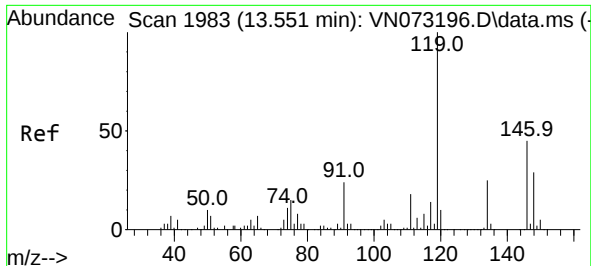


#86
 p-Isopropyltoluene
 Concen: 20.474 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN073431.D
 Acq: 12 Jul 2022 12:55



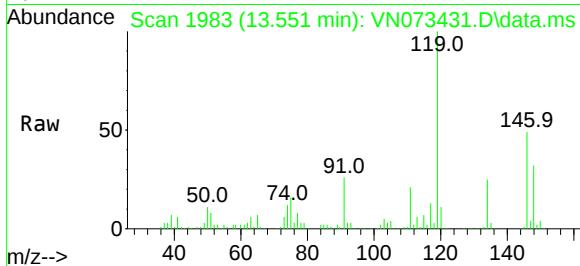
Tgt Ion:119 Resp: 207166
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.8
 91 25.6 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 20.056 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

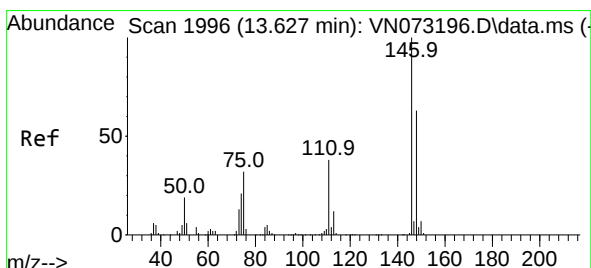
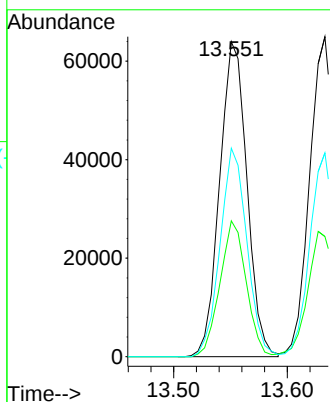
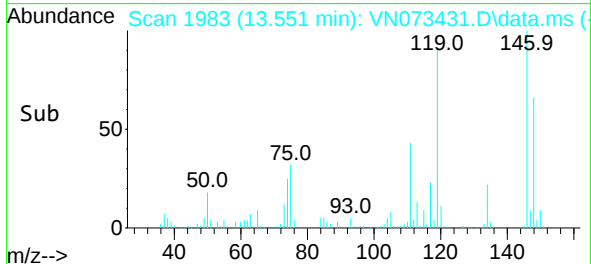
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



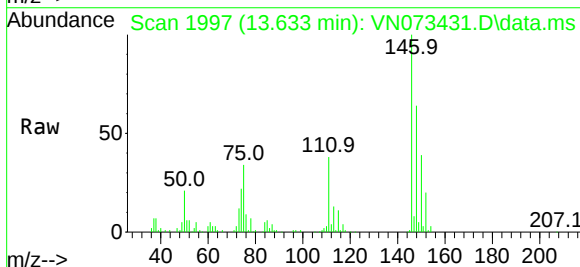
Tgt Ion:146 Resp: 10678
Ion Ratio Lower Upper
146 100
111 41.6 20.0 60.0
148 65.2 32.0 96.0

Manual Integrations
APPROVED

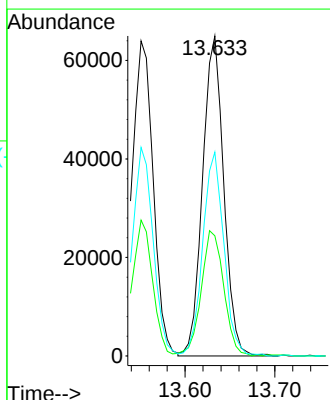
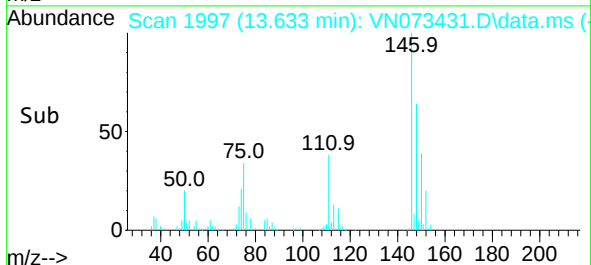
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

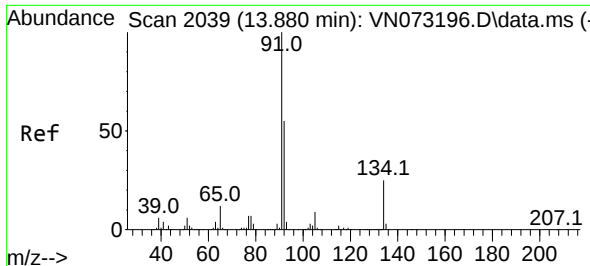


#88
1,4-Dichlorobenzene
Concen: 19.969 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.006 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55



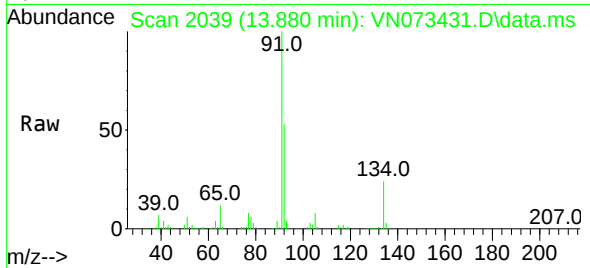
Tgt Ion:146 Resp: 106532
Ion Ratio Lower Upper
146 100
111 41.7 19.1 57.1
148 63.8 31.4 94.3





#89
n-Butylbenzene
Concen: 19.756 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

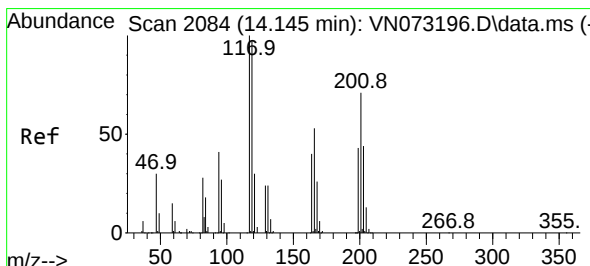
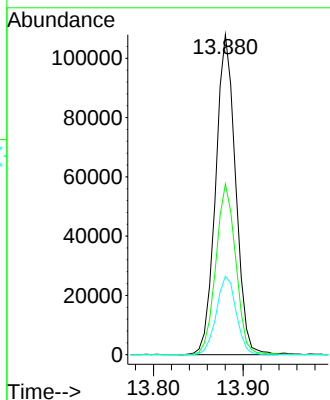
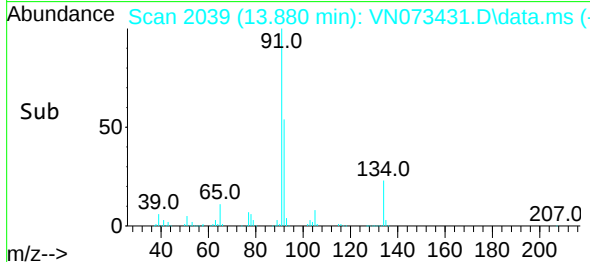
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 91 Resp: 16658
Ion Ratio Lower Upper
91 100
92 53.1 26.9 80.7
134 24.4 13.6 40.8

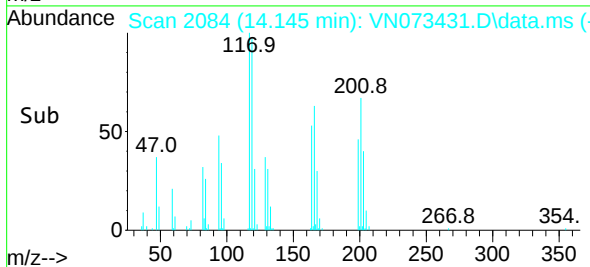
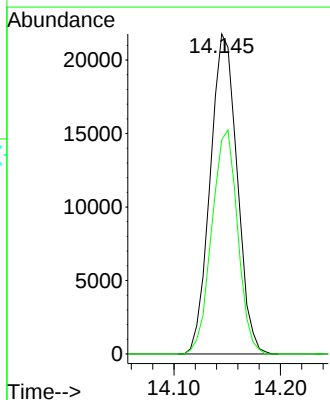
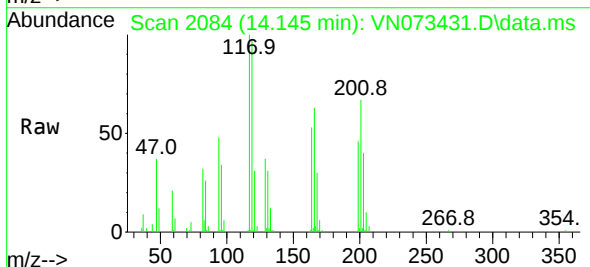
Manual Integrations
APPROVED

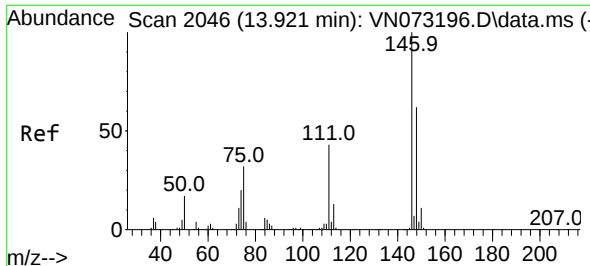
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#90
Hexachloroethane
Concen: 20.280 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. -0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

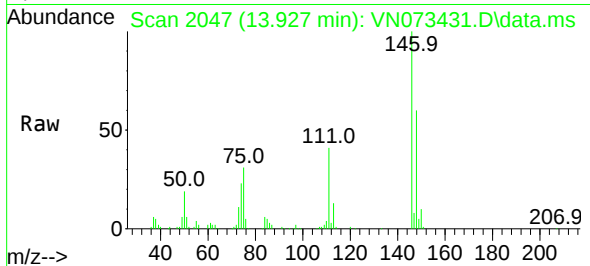
Tgt Ion:117 Resp: 38242
Ion Ratio Lower Upper
117 100
201 67.0 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 20.174 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.006 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55

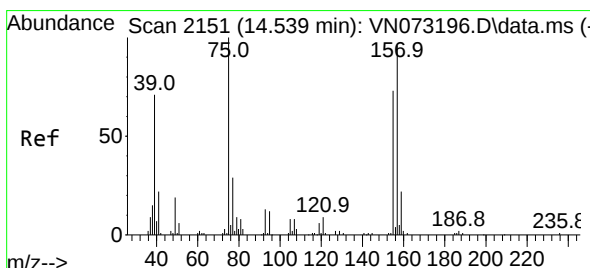
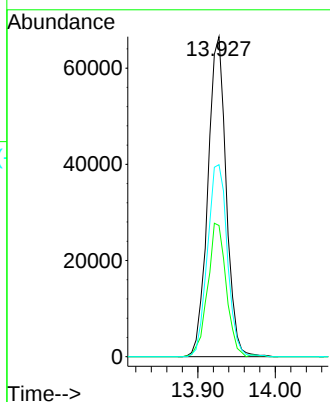
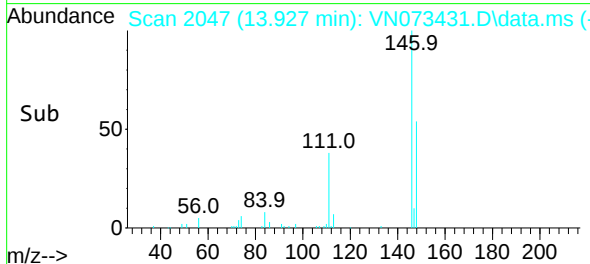
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



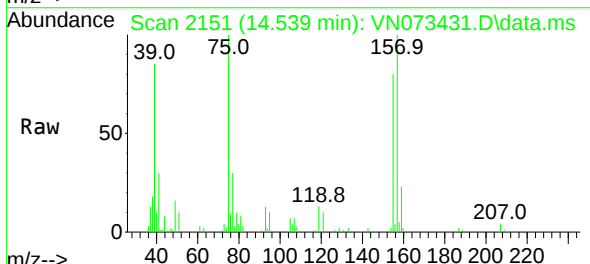
Tgt Ion:146 Resp: 10942
Ion Ratio Lower Upper
146 100
111 42.3 20.9 62.8
148 65.0 32.1 96.3

Manual Integrations
APPROVED

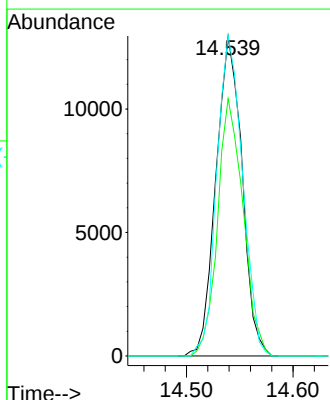
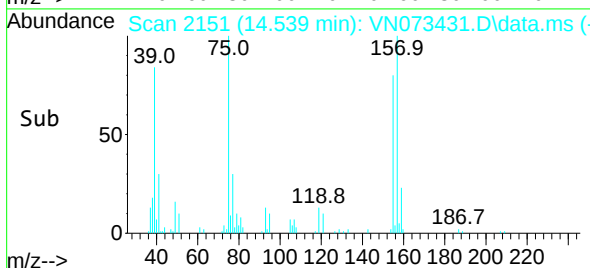
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

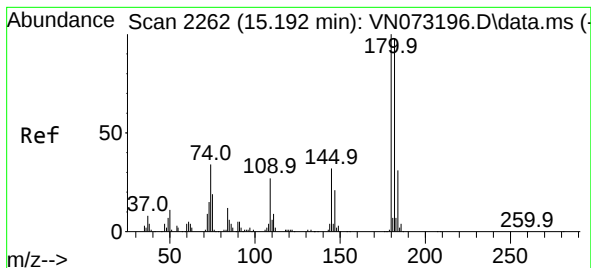


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.332 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VN073431.D
Acq: 12 Jul 2022 12:55



Tgt Ion: 75 Resp: 21963
Ion Ratio Lower Upper
75 100
155 78.8 44.9 134.5
157 98.9 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 19.886 ug/l

RT: 15.192 min Scan# 2262

Delta R.T. -0.000 min

Lab File: VN073431.D

Acq: 12 Jul 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBSD01

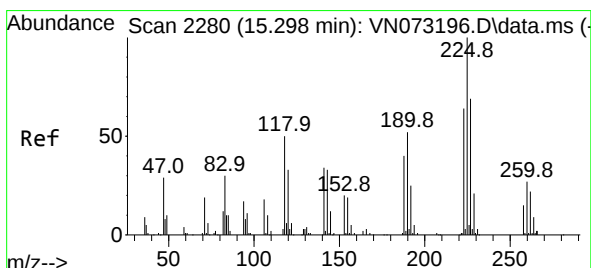
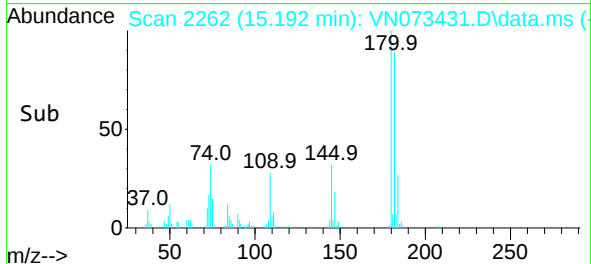
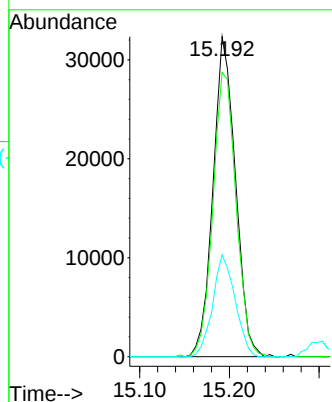
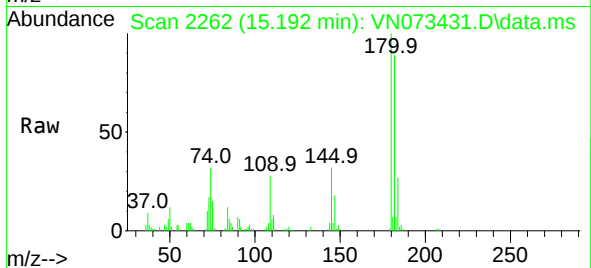
Tgt Ion:180	Resp:	5616
Ion Ratio	Lower	Upper
180	100	
182	91.8	47.5 142.5
145	31.7	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#94

Hexachlorobutadiene

Concen: 20.331 ug/l

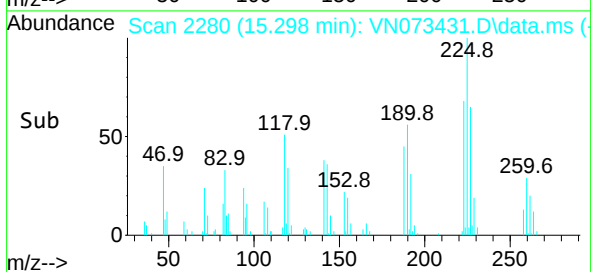
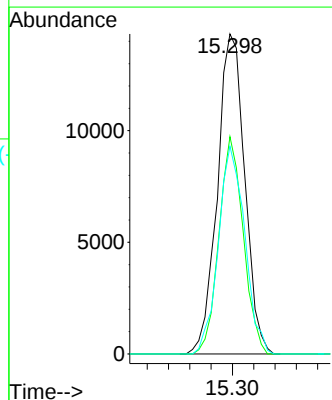
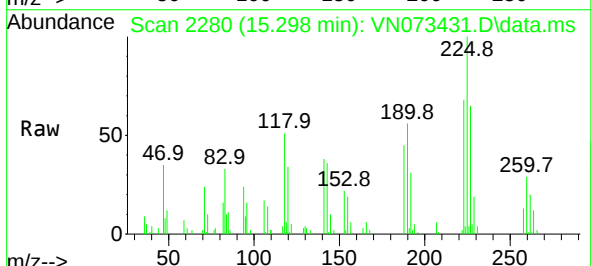
RT: 15.298 min Scan# 2280

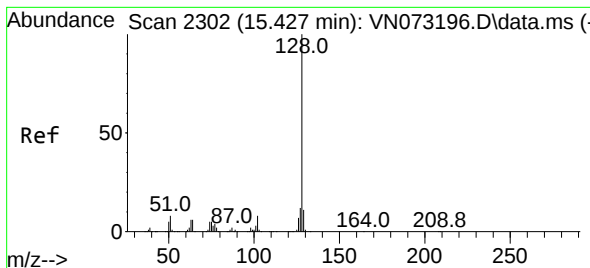
Delta R.T. -0.000 min

Lab File: VN073431.D

Acq: 12 Jul 2022 12:55

Tgt Ion:225	Resp:	25525
Ion Ratio	Lower	Upper
225	100	
223	60.3	32.4 97.2
227	62.7	31.8 95.4





#95

Naphthalene

Concen: 18.287 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN073431.D

Acq: 12 Jul 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBSD01

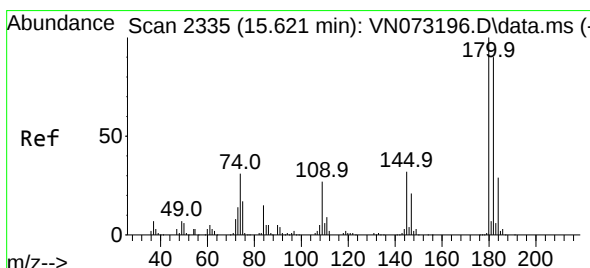
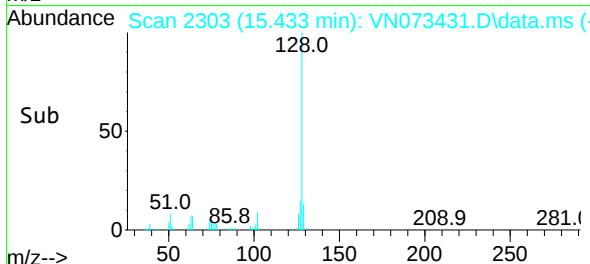
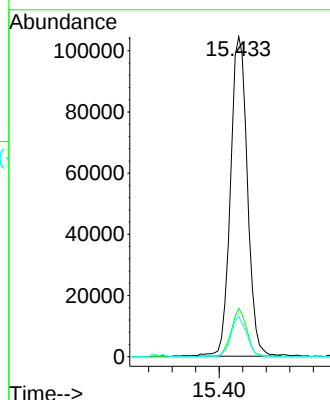
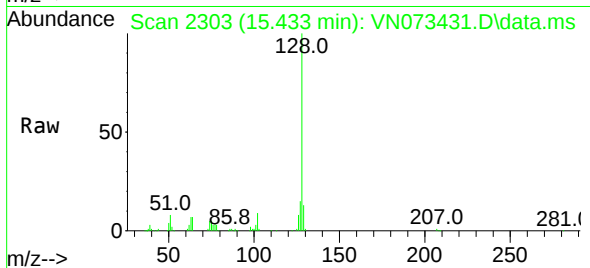
Tgt Ion:128 Resp: 208349
 Ion Ratio Lower Upper
 128 100
 127 14.0 10.3 15.5
 129 11.8 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#96

1,2,3-Trichlorobenzene

Concen: 20.486 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. 0.006 min

Lab File: VN073431.D

Acq: 12 Jul 2022 12:55

Tgt Ion:180 Resp: 59681
 Ion Ratio Lower Upper
 180 100
 182 90.3 47.8 143.3
 145 32.7 15.5 46.5

