

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
 Data File : VN073191.D
 Acq On : 28 Jun 2022 04:13
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/28/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 28 09:45:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	268665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	475821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	428124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	201222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	195870	53.925	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.840%			
35) Dibromofluoromethane	7.951	113	153715	52.266	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.540%			
50) Toluene-d8	10.380	98	566950	51.807	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.620%			
62) 4-Bromofluorobenzene	12.668	95	218740	55.586	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	119259	46.622	ug/l	97
3) Chloromethane	2.269	50	120871	44.026	ug/l	97
4) Vinyl Chloride	2.404	62	107766	46.977	ug/l	99
5) Bromomethane	2.787	94	37206	41.200	ug/l	97
6) Chloroethane	2.951	64	70232	48.935	ug/l	99
7) Trichlorofluoromethane	3.310	101	214211	57.341	ug/l	99
8) Diethyl Ether	3.763	74	98097	50.880	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.140	101	124818	48.336	ug/l	99
10) Methyl Iodide	4.345	142	136439	46.096	ug/l	96
11) Tert butyl alcohol	5.287	59	242280	258.221	ug/l	99
12) 1,1-Dichloroethene	4.116	96	118370	46.018	ug/l	97
13) Acrolein	3.981	56	85193	230.545	ug/l	99
14) Allyl chloride	4.757	41	255667	46.522	ug/l #	93
15) Acrylonitrile	5.475	53	576955	266.750	ug/l	99
16) Acetone	4.222	43	532396	266.646	ug/l	92
17) Carbon Disulfide	4.451	76	230628	34.994	ug/l	97
18) Methyl Acetate	4.775	43	285192	53.638	ug/l	91
19) Methyl tert-butyl Ether	5.534	73	527207	54.574	ug/l	100
20) Methylene Chloride	5.016	84	153824	49.668	ug/l	92
21) trans-1,2-Dichloroethene	5.516	96	126403	45.176	ug/l	94
22) Diisopropyl ether	6.410	45	560043	54.664	ug/l	94
23) Vinyl Acetate	6.351	43	2519034	266.356	ug/l	94
24) 1,1-Dichloroethane	6.304	63	279807	52.094	ug/l	97
25) 2-Butanone	7.257	43	844189	266.443	ug/l	91
26) 2,2-Dichloropropane	7.245	77	144331	32.165	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	171580	51.327	ug/l	98
28) Bromochloromethane	7.586	49	119176	53.650	ug/l	85
29) Tetrahydrofuran	7.610	42	554645	265.094	ug/l	88
30) Chloroform	7.745	83	286952	52.772	ug/l	99
31) Cyclohexane	8.022	56	218208	44.411	ug/l	95
32) 1,1,1-Trichloroethane	7.945	97	251188	52.641	ug/l	99
36) 1,1-Dichloropropene	8.151	75	187651	47.154	ug/l	99
37) Ethyl Acetate	7.339	43	325342	51.112	ug/l	96
38) Carbon Tetrachloride	8.133	117	207263	49.515	ug/l	97
39) Methylcyclohexane	9.392	83	213523	44.515	ug/l	96
40) Benzene	8.386	78	613603	49.062	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	172167	57.038	ug/l #	83
42) 1,2-Dichloroethane	8.463	62	234890	52.878	ug/l	98
43) Isopropyl Acetate	8.492	43	491411	54.008	ug/l	94
44) Trichloroethene	9.151	130	155050	48.921	ug/l	97
45) 1,2-Dichloropropane	9.422	63	164746	51.534	ug/l	99
46) Dibromomethane	9.510	93	110252	51.005	ug/l	95
47) Bromodichloromethane	9.698	83	230063	53.554	ug/l	99
48) Methyl methacrylate	9.492	41	218405	52.574	ug/l	90
49) 1,4-Dioxane	9.504	88	89904	961.825	ug/l #	93
51) 4-Methyl-2-Pentanone	10.269	43	1628014	274.380	ug/l	91
52) Toluene	10.439	92	386241	50.302	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	231685	50.148	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	246970	48.939	ug/l #	91
55) 1,1,2-Trichloroethane	10.839	97	170391	50.539	ug/l	96
56) Ethyl methacrylate	10.698	69	292615	54.149	ug/l #	85
57) 1,3-Dichloropropane	10.980	76	287208	51.348	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	700368	293.561	ug/l	96
59) 2-Hexanone	11.021	43	1264511	275.543	ug/l	90
60) Dibromochloromethane	11.174	129	176542	55.406	ug/l	100
61) 1,2-Dibromoethane	11.280	107	171748	51.674	ug/l	96
64) Tetrachloroethene	10.910	164	141898	54.483	ug/l	94
65) Chlorobenzene	11.710	112	423186	50.614	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	161858	50.862	ug/l	99
67) Ethyl Benzene	11.780	91	761118	51.712	ug/l	99
68) m/p-Xylenes	11.892	106	567935	98.381	ug/l	95
69) o-Xylene	12.216	106	292673	50.737	ug/l	96
70) Styrene	12.233	104	491359	53.042	ug/l	99
71) Bromoform	12.398	173	132248	55.116	ug/l #	99
73) Isopropylbenzene	12.515	105	770211	49.477	ug/l	99
74) N-amyl acetate	12.327	43	411633	50.955	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.768	83	271483	48.425	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	223876m	45.889	ug/l	
77) Bromobenzene	12.798	156	180857	48.496	ug/l	88
78) n-propylbenzene	12.857	91	868817	50.740	ug/l	99
79) 2-Chlorotoluene	12.945	91	540364	48.734	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	630444	49.303	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	78345	43.369	ug/l	94
82) 4-Chlorotoluene	13.045	91	526466	50.184	ug/l	96
83) tert-Butylbenzene	13.262	119	575861	49.173	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	637153	50.027	ug/l	98
85) sec-Butylbenzene	13.439	105	793081	50.766	ug/l	99
86) p-Isopropyltoluene	13.551	119	636941	50.359	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	322791	48.481	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	323539	48.011	ug/l	98
89) n-Butylbenzene	13.880	91	522757	50.617	ug/l	99
90) Hexachloroethane	14.145	117	122673	51.447	ug/l	88
91) 1,2-Dichlorobenzene	13.921	146	339435	48.885	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	69683	49.287	ug/l	92
93) 1,2,4-Trichlorobenzene	15.192	180	180283	46.916	ug/l	98
94) Hexachlorobutadiene	15.298	225	77003	46.049	ug/l	99
95) Naphthalene	15.433	128	736439	47.375	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	188901	46.035	ug/l	98

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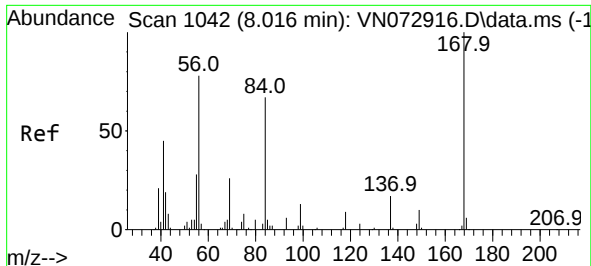
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APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

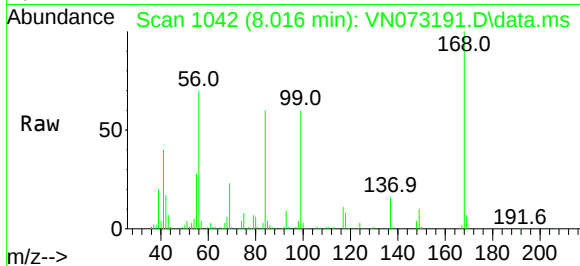
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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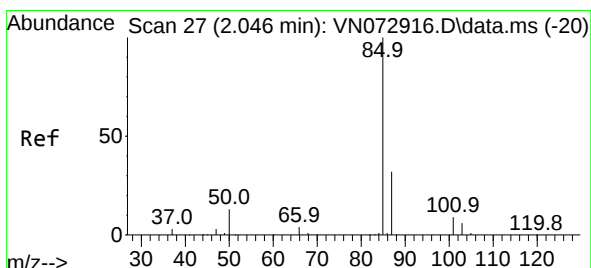
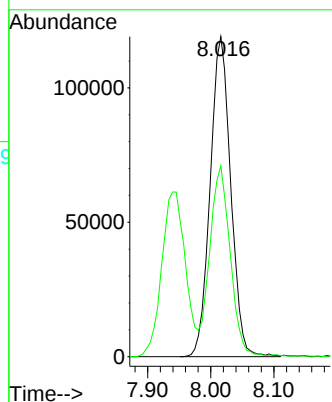
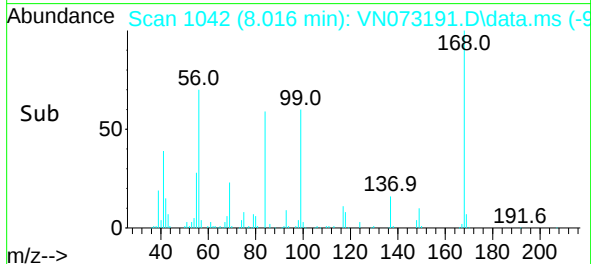
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 26866
Ion Ratio Lower Upper
168 100
99 59.3 42.3 63.5

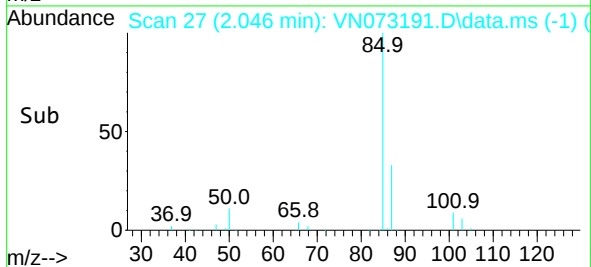
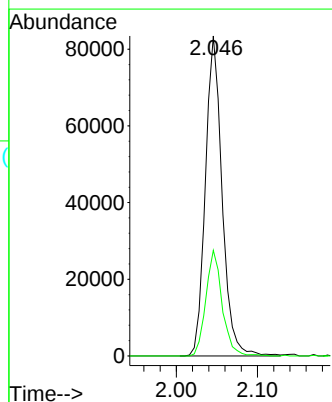
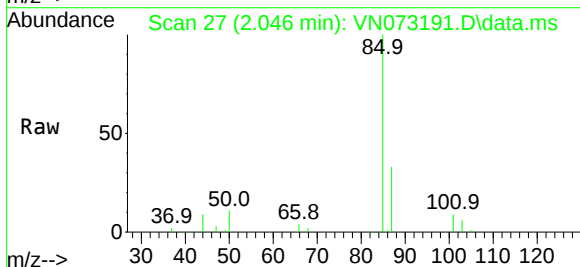
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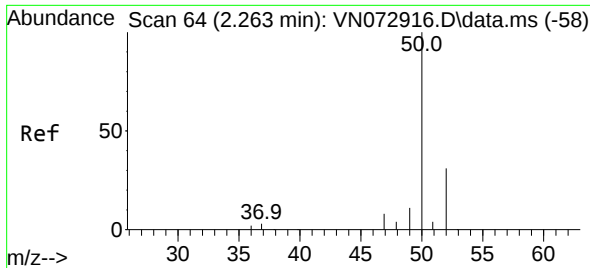
Reviewed By :John Carlone 06/28/2022
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#2
Dichlorodifluoromethane
Concen: 46.622 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

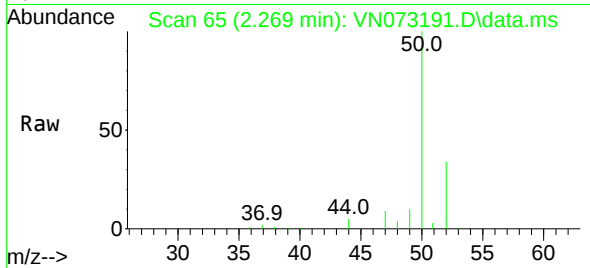
Tgt Ion: 85 Resp: 119259
Ion Ratio Lower Upper
85 100
87 33.0 15.7 47.1





#3
Chloromethane
Concen: 44.026 ug/l
RT: 2.269 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

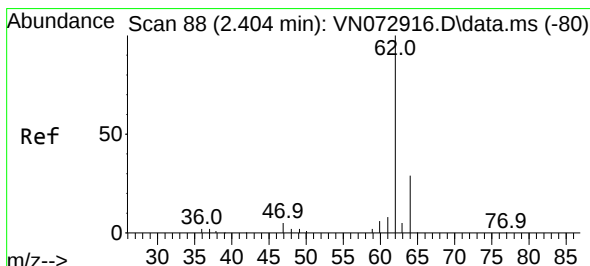
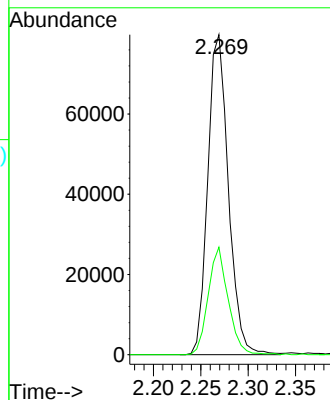
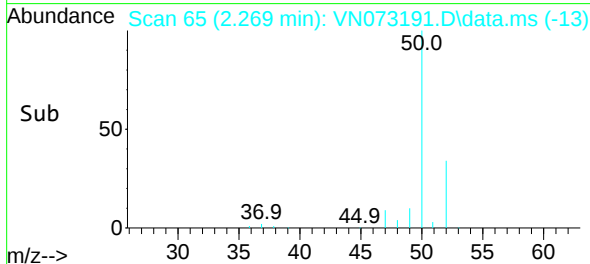
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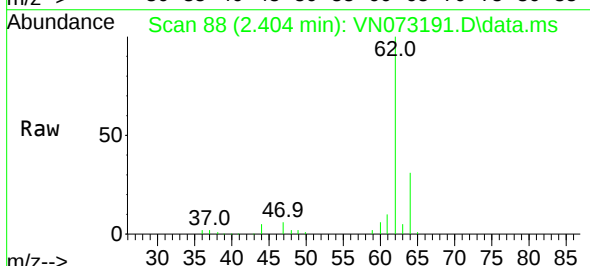
Tgt Ion: 50 Resp: 12087
Ion Ratio Lower Upper
50 100
52 33.6 25.7 38.5

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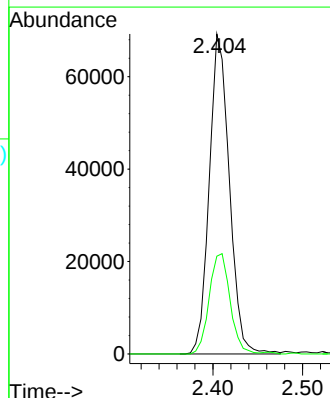
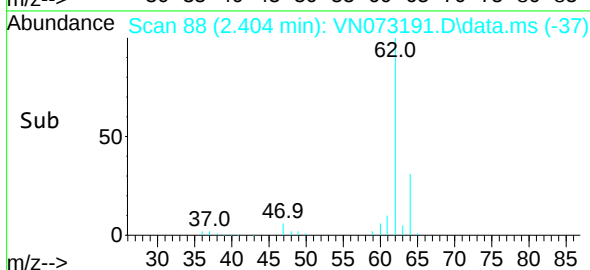
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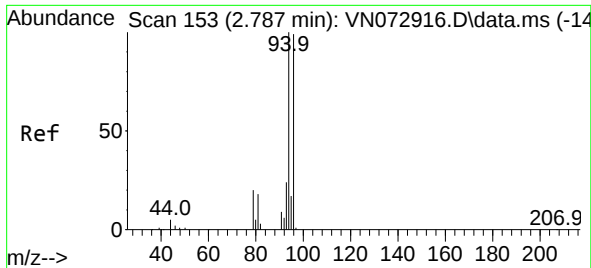


#4
Vinyl Chloride
Concen: 46.977 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13



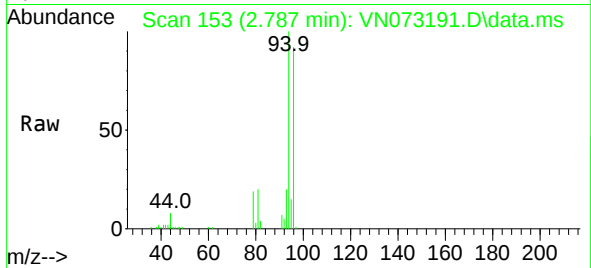
Tgt Ion: 62 Resp: 107766
Ion Ratio Lower Upper
62 100
64 30.5 25.0 37.4





#5
Bromomethane
Concen: 41.200 ug/l
RT: 2.787 min Scan# 153
Delta R.T. -0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

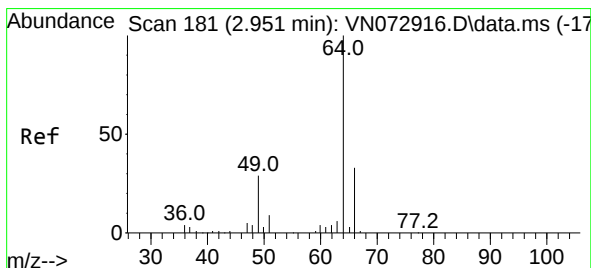
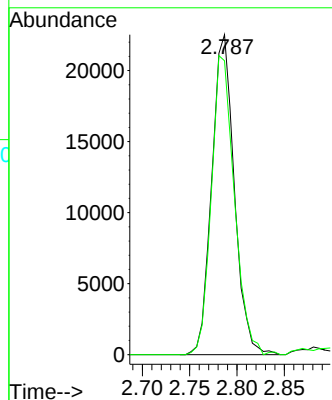
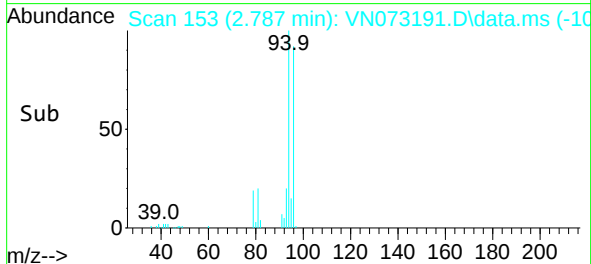
Instrument :
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Tgt Ion: 94 Resp: 37200
Ion Ratio Lower Upper
94 100
96 91.8 76.0 114.0

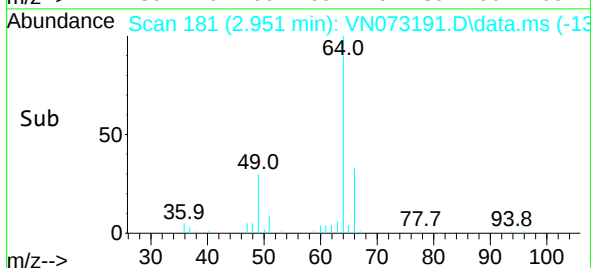
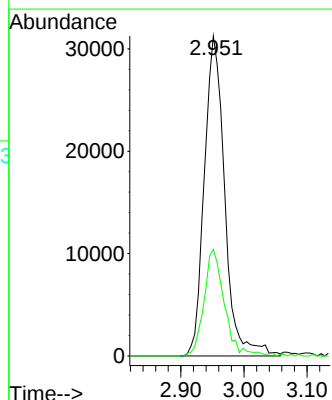
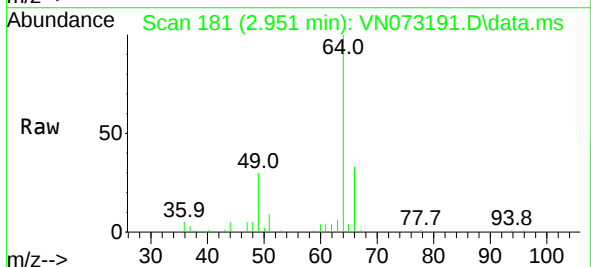
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#6
Chloroethane
Concen: 48.935 ug/l
RT: 2.951 min Scan# 181
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

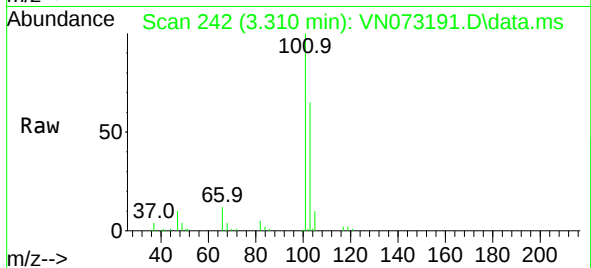
Tgt Ion: 64 Resp: 70232
Ion Ratio Lower Upper
64 100
66 33.3 26.2 39.4





#7
Trichlorofluoromethane
Concen: 57.341 ug/l
RT: 3.310 min Scan# 241
Delta R.T. 0.006 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

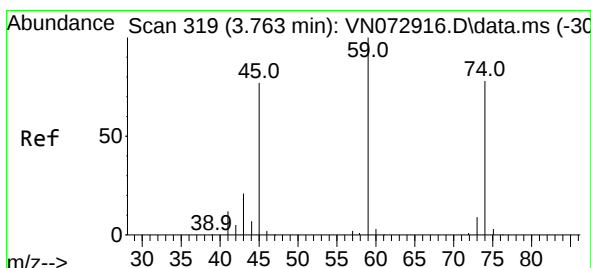
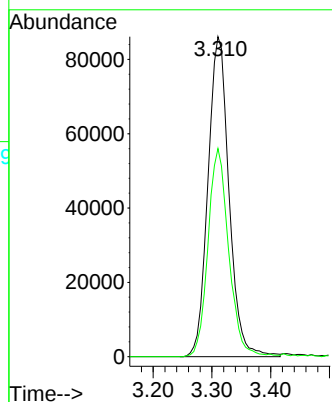
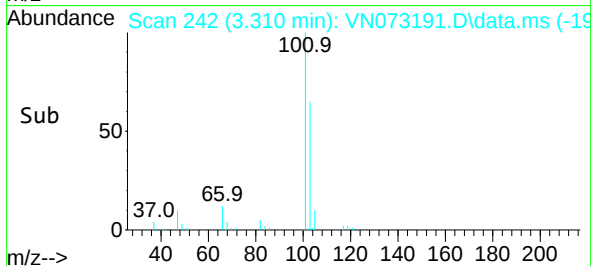
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 21421
Ion Ratio Lower Upper
101 100
103 65.1 51.5 77.3

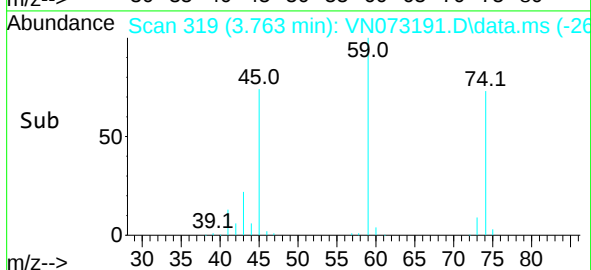
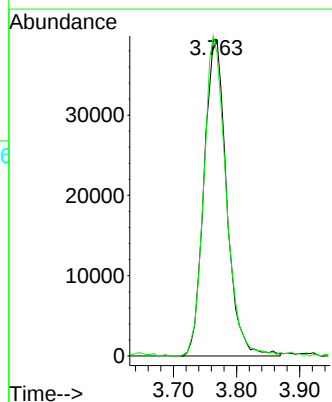
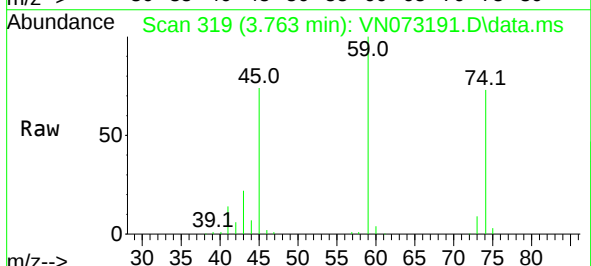
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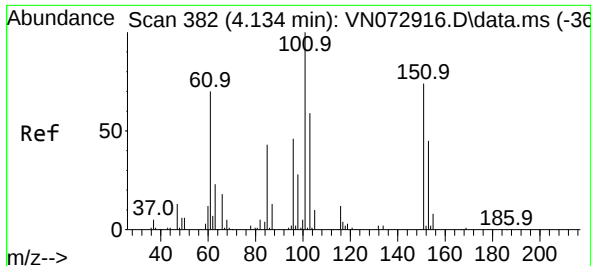
Reviewed By :John Carlone 06/28/2022
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#8
Diethyl Ether
Concen: 50.880 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 98097
Ion Ratio Lower Upper
74 100
45 99.8 42.9 128.5





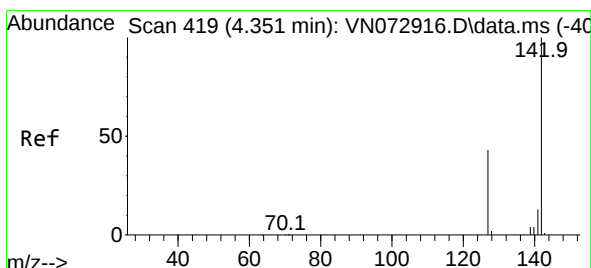
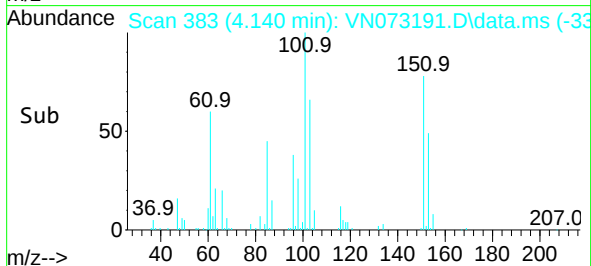
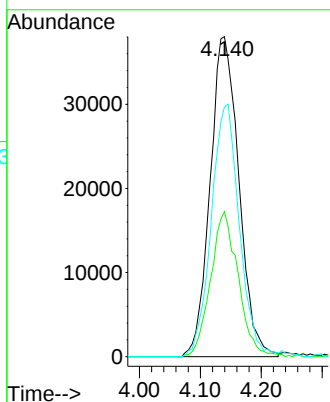
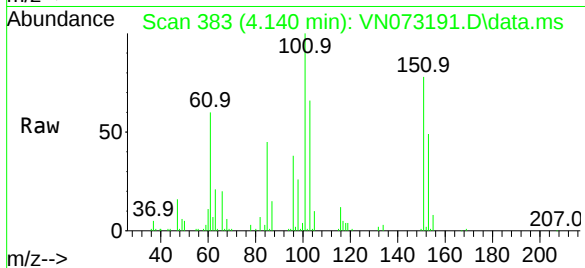
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.336 ug/l
RT: 4.140 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN073191.D
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Tgt Ion:101 Resp: 124818
Ion Ratio Lower Upper
101 100
85 43.4 34.7 52.1
151 76.9 63.0 94.4

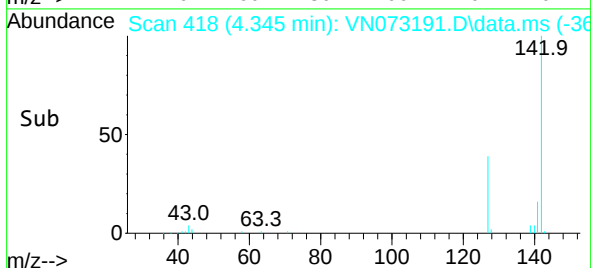
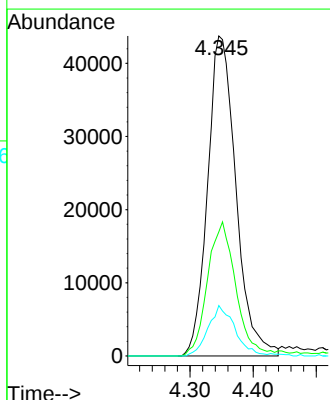
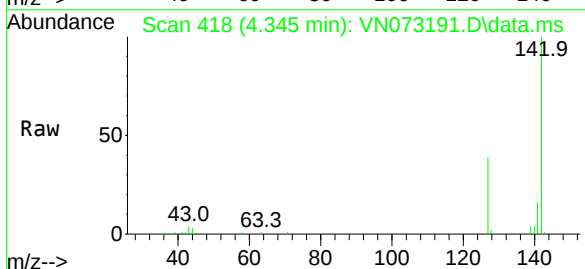
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#10
Methyl Iodide
Concen: 46.096 ug/l
RT: 4.345 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

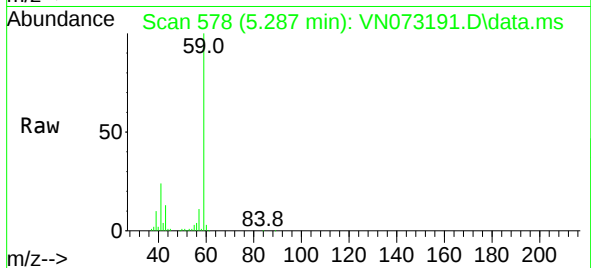
Tgt Ion:142 Resp: 136439
Ion Ratio Lower Upper
142 100
127 41.7 31.3 46.9
141 14.9 11.2 16.8





#11
Tert butyl alcohol
Concen: 258.221 ug/l
RT: 5.287 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

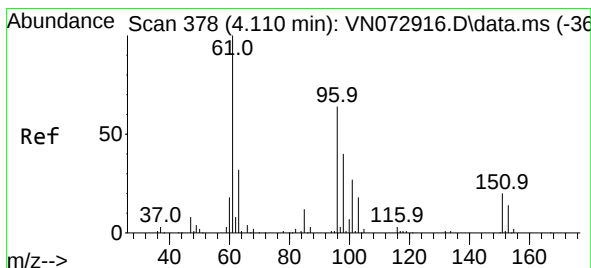
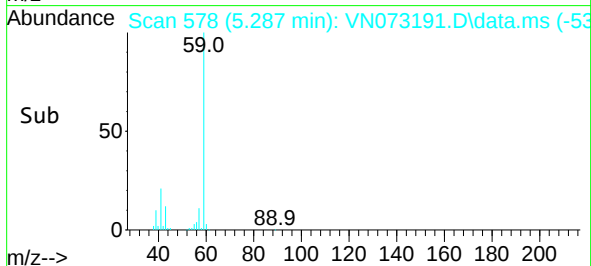
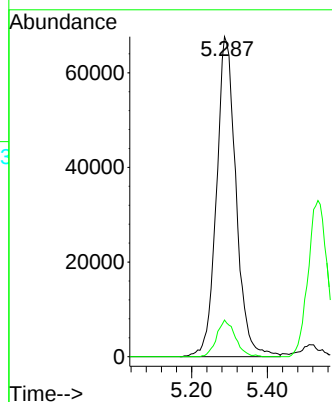
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 242280
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5

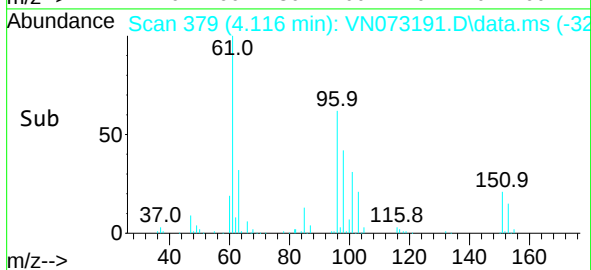
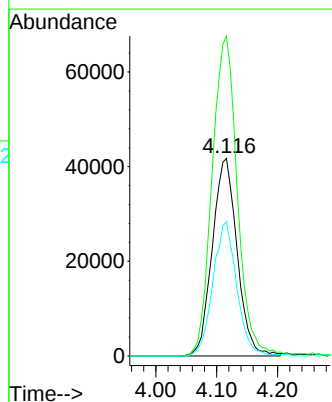
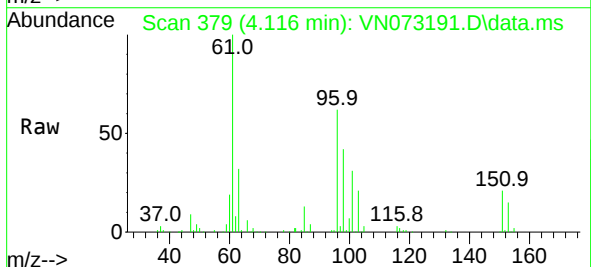
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#12
1,1-Dichloroethene
Concen: 46.018 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

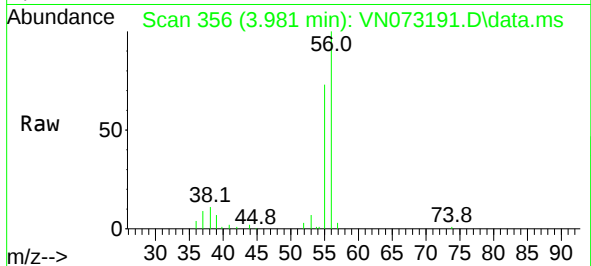
Tgt Ion: 96 Resp: 118370
Ion Ratio Lower Upper
96 100
61 161.9 127.6 191.4
98 67.9 51.2 76.8





#13
Acrolein
Concen: 230.545 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

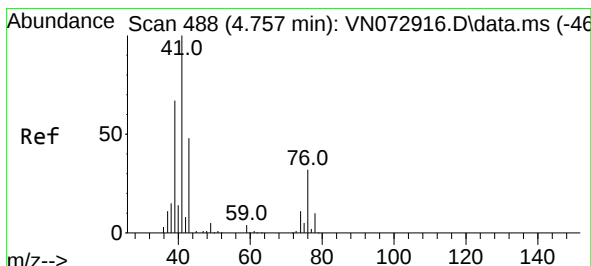
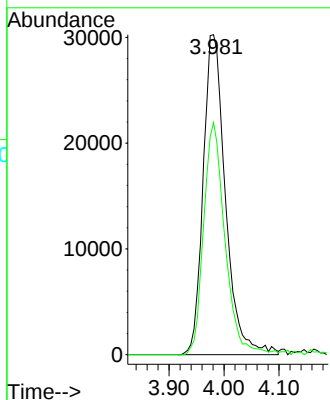
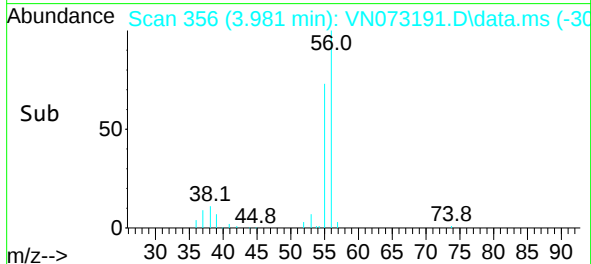
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 8519
Ion Ratio Lower Upper
56 100
55 68.9 54.8 82.2

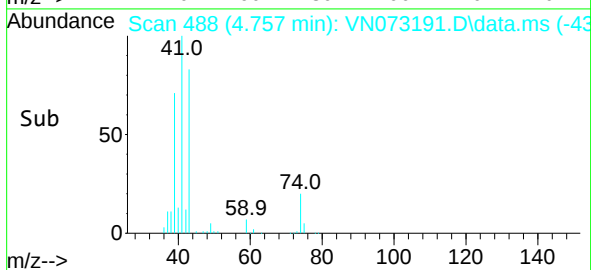
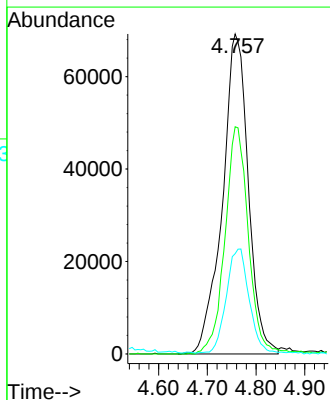
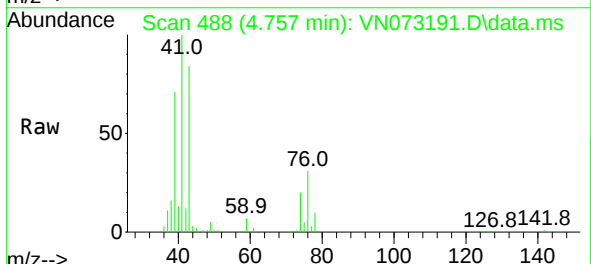
Manual Integrations
APPROVED

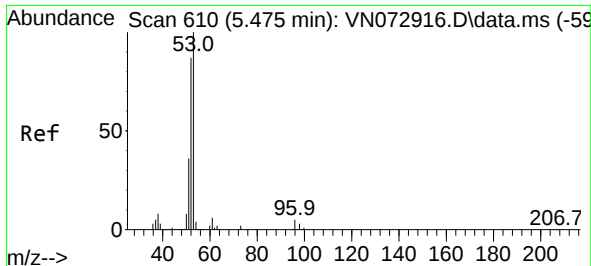
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#14
Allyl chloride
Concen: 46.522 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

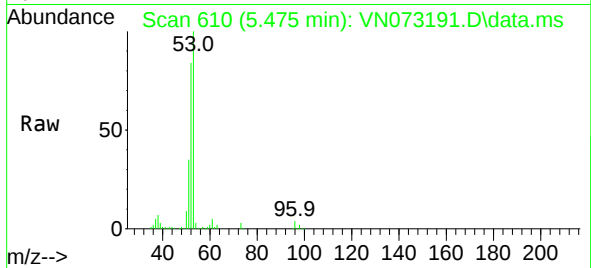
Tgt Ion: 41 Resp: 255667
Ion Ratio Lower Upper
41 100
39 64.2 53.2 79.8
76 28.2 29.9 44.9#





#15
Acrylonitrile
Concen: 266.750 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

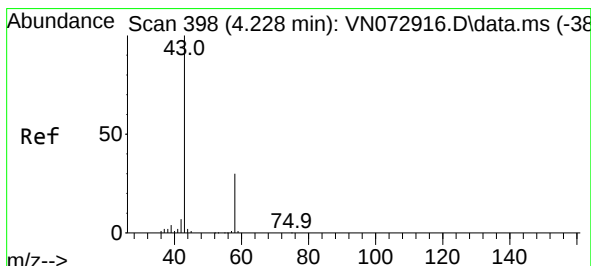
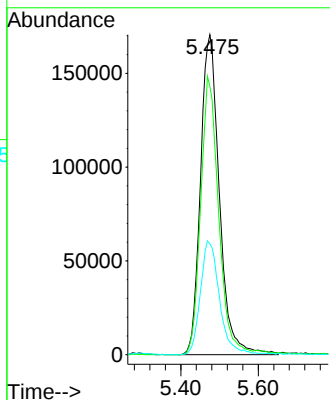
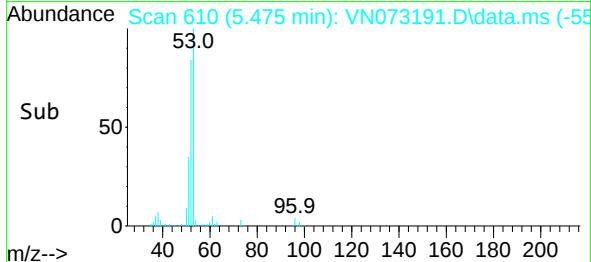
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 57695
Ion Ratio Lower Upper
53 100
52 82.2 66.4 99.6
51 35.9 28.5 42.7

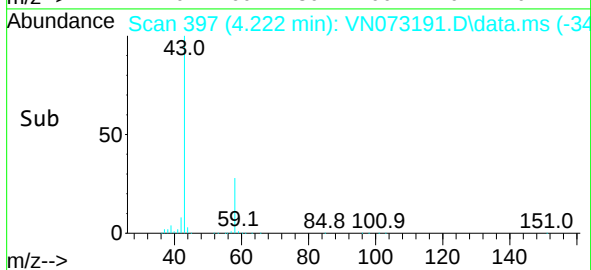
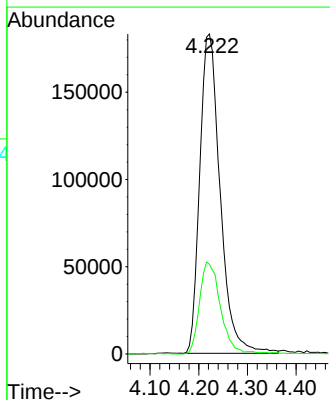
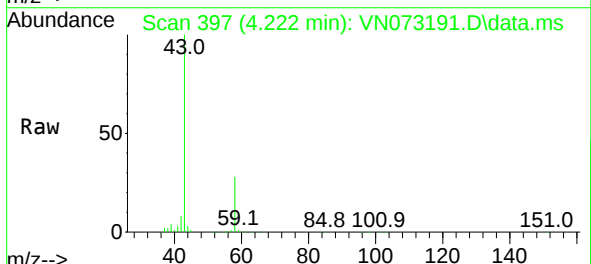
Manual Integrations
APPROVED

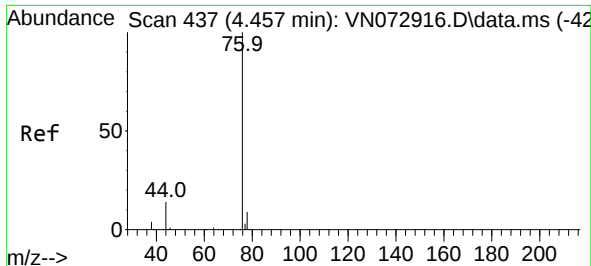
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#16
Acetone
Concen: 266.646 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

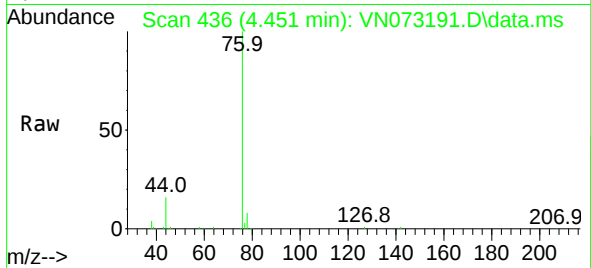
Tgt Ion: 43 Resp: 532396
Ion Ratio Lower Upper
43 100
58 28.1 26.0 39.0





#17
Carbon Disulfide
Concen: 34.994 ug/l
RT: 4.451 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

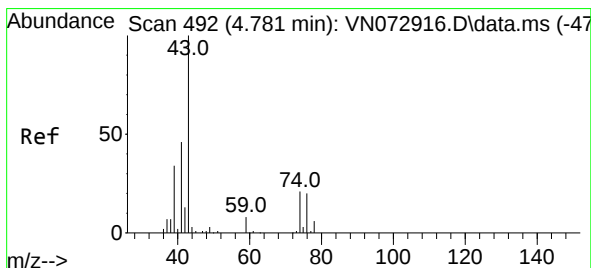
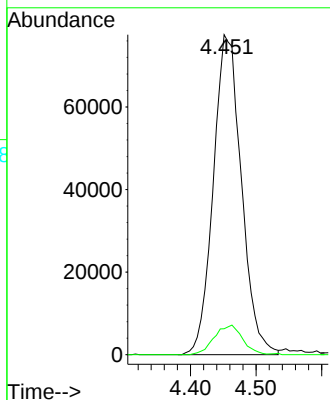
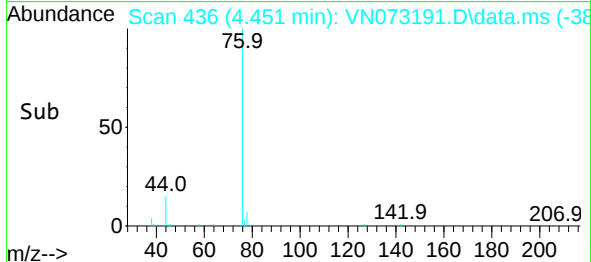
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



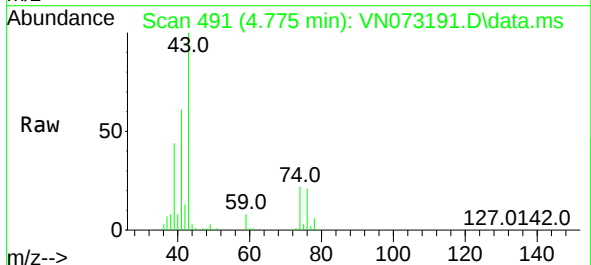
Tgt Ion: 76 Resp: 230628
Ion Ratio Lower Upper
76 100
78 8.1 7.2 10.8

Manual Integrations
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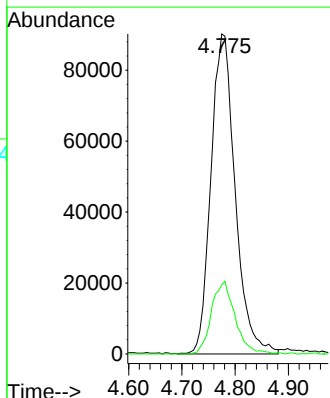
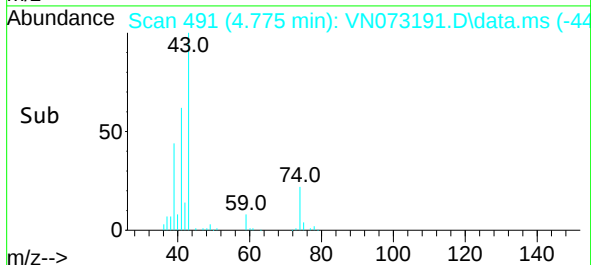
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022

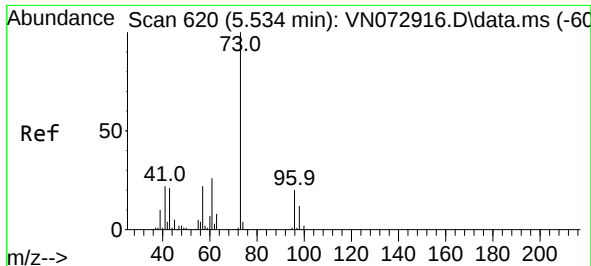


#18
Methyl Acetate
Concen: 53.638 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13



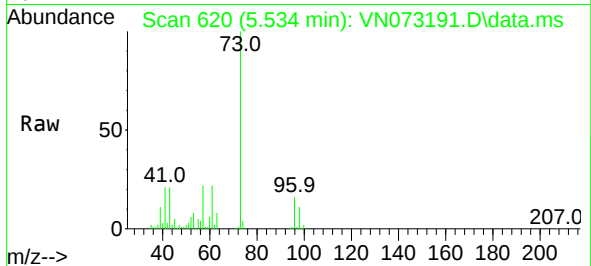
Tgt Ion: 43 Resp: 285192
Ion Ratio Lower Upper
43 100
74 22.2 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 54.574 ug/l
RT: 5.534 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

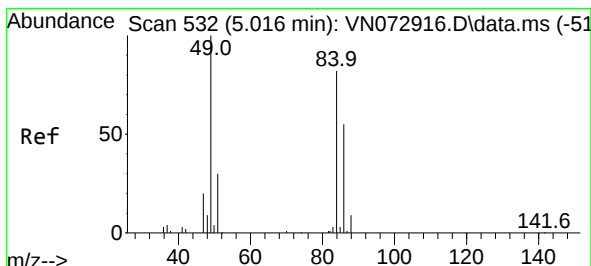
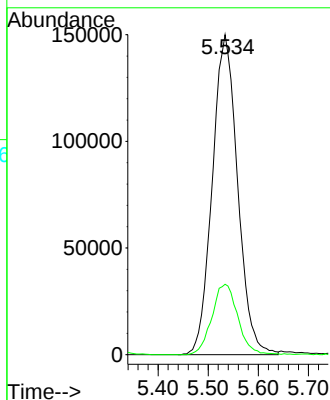
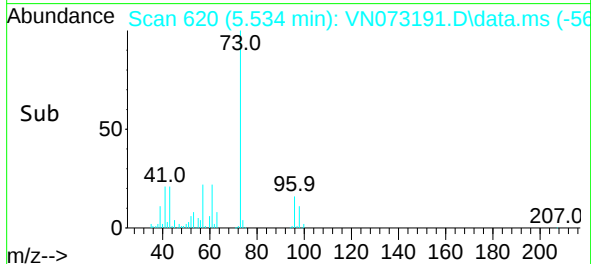
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 52720
Ion Ratio Lower Upper
73 100
57 22.0 17.6 26.4

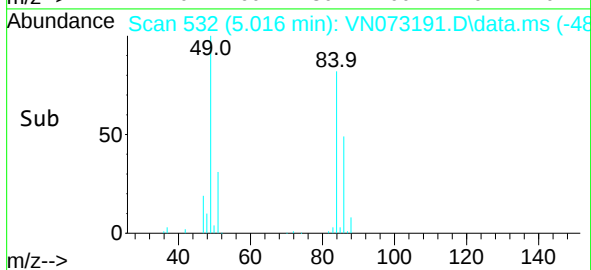
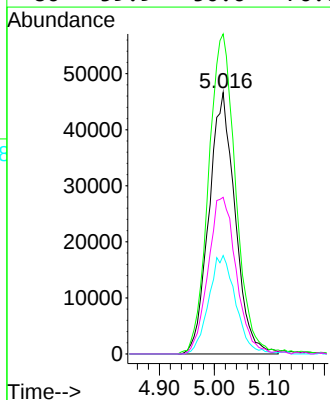
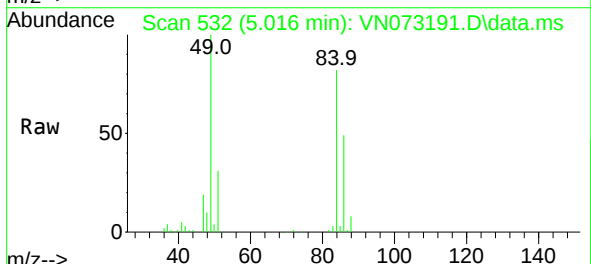
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#20
Methylene Chloride
Concen: 49.668 ug/l
RT: 5.016 min Scan# 532
Delta R.T. -0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

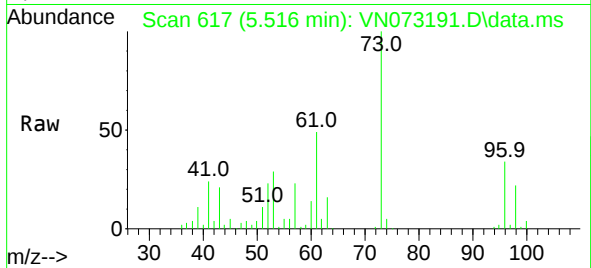
Tgt Ion: 84 Resp: 153824
Ion Ratio Lower Upper
84 100
49 122.4 88.3 132.5
51 37.6 28.2 42.2
86 59.9 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 45.176 ug/l
RT: 5.516 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

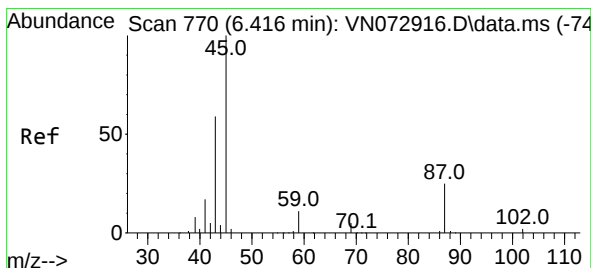
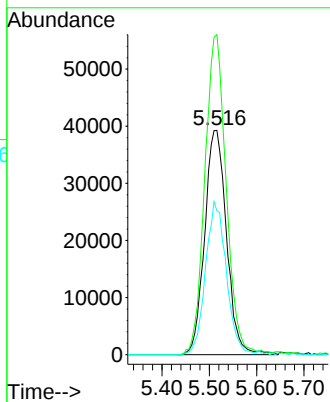
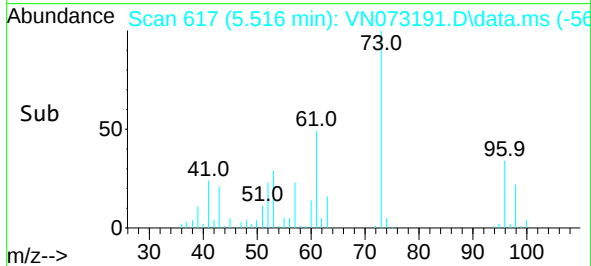
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 12640
Ion Ratio Lower Upper
96 100
61 142.6 105.8 158.8
98 64.1 50.3 75.5

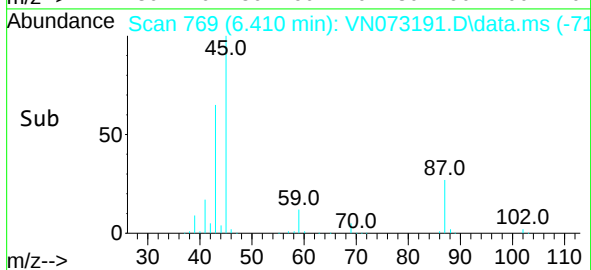
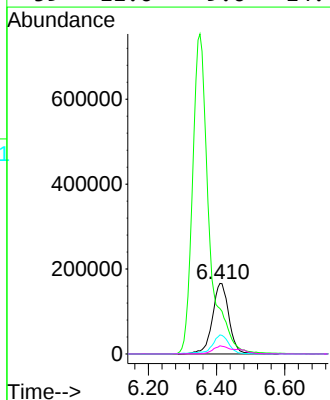
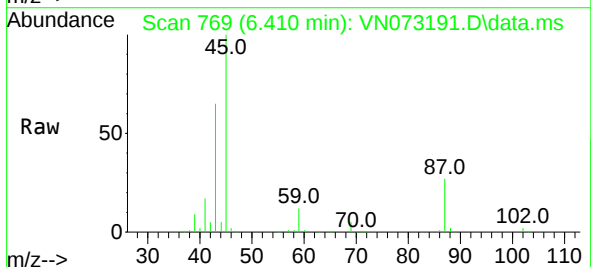
Manual Integrations
APPROVED

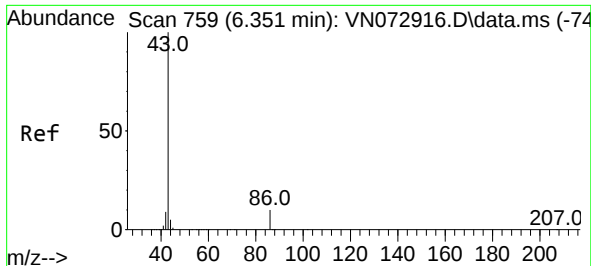
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#22
Diisopropyl ether
Concen: 54.664 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.006 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

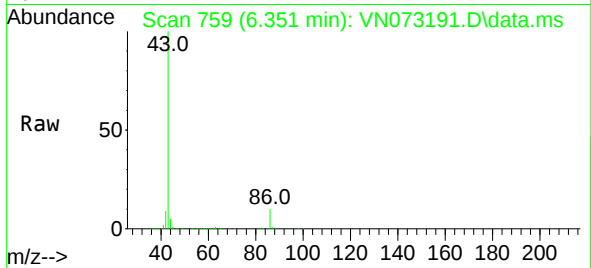
Tgt Ion: 45 Resp: 560043
Ion Ratio Lower Upper
45 100
43 63.7 46.6 70.0
87 27.1 24.3 36.5
59 11.6 9.6 14.4





#23
 Vinyl Acetate
 Concen: 266.356 ug/l
 RT: 6.351 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VN073191.D
 Acq: 28 Jun 2022 04:13

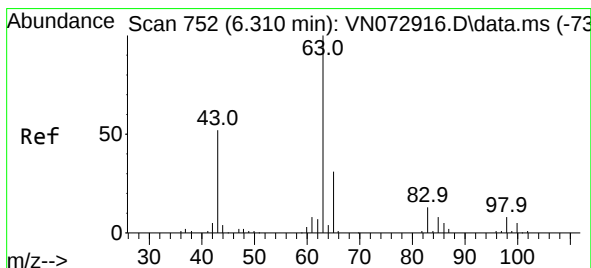
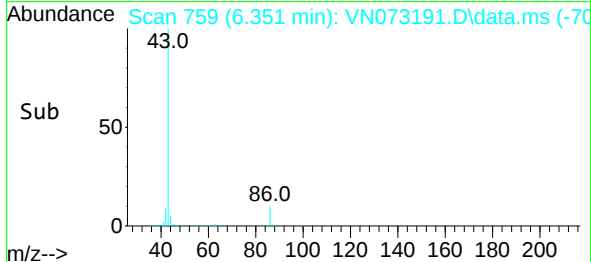
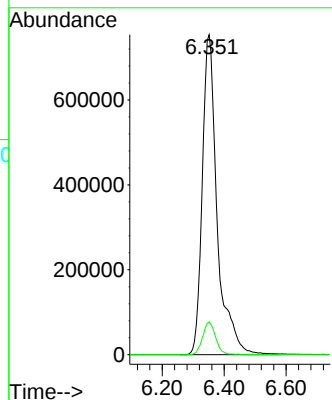
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 2519034
 Ion Ratio Lower Upper
 43 100
 86 10.3 10.0 15.0

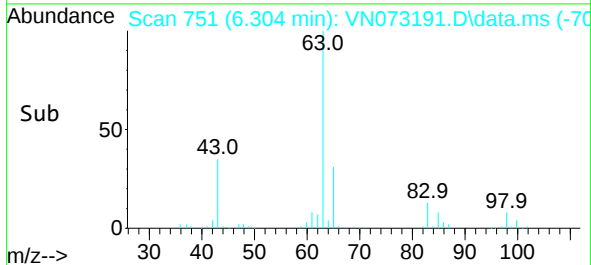
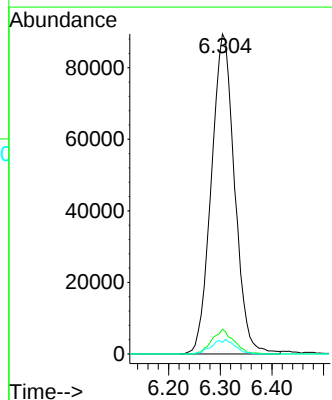
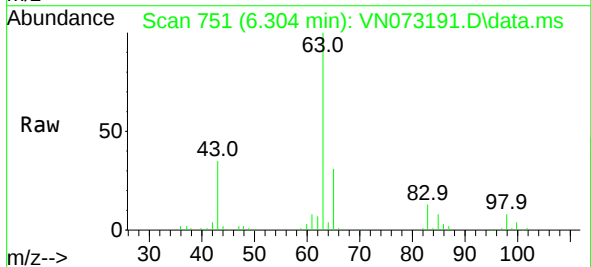
Manual Integrations
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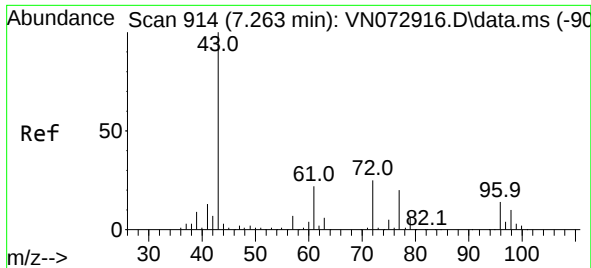
Reviewed By :John Carlone 06/28/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#24
 1,1-Dichloroethane
 Concen: 52.094 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. -0.006 min
 Lab File: VN073191.D
 Acq: 28 Jun 2022 04:13

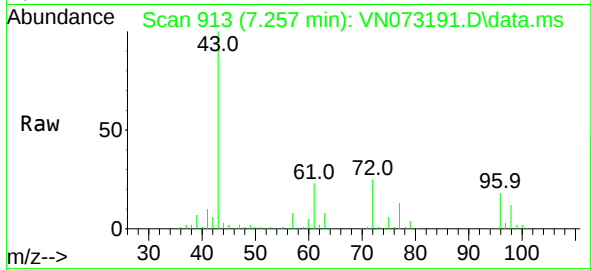
Tgt Ion: 63 Resp: 279807
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.4
 100 3.6 2.3 6.8





#25
2-Butanone
Concen: 266.443 ug/l
RT: 7.257 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

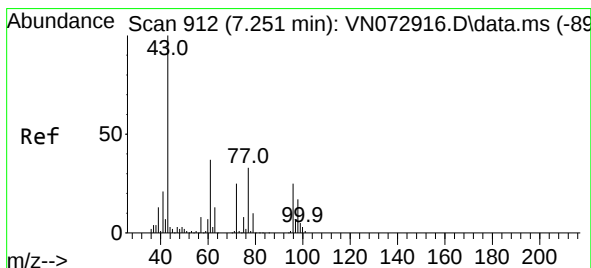
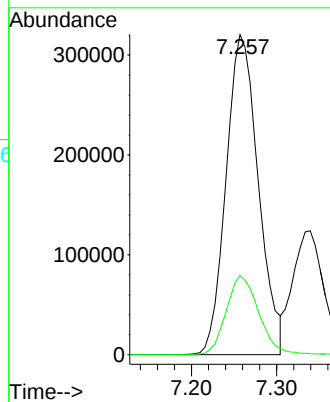
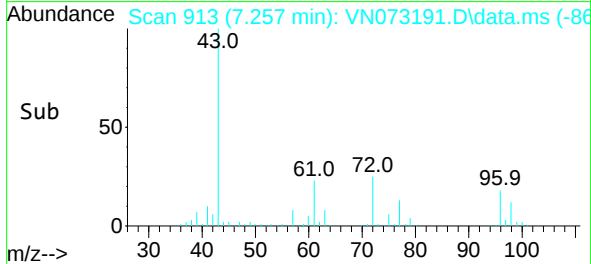
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 844189
Ion Ratio Lower Upper
43 100
72 24.8 23.7 35.5

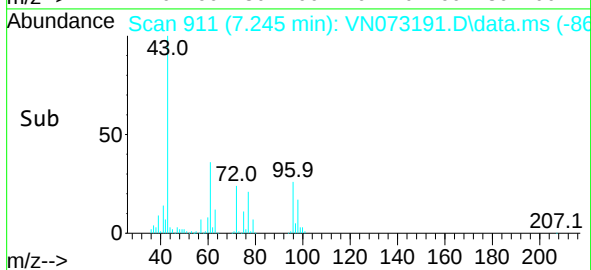
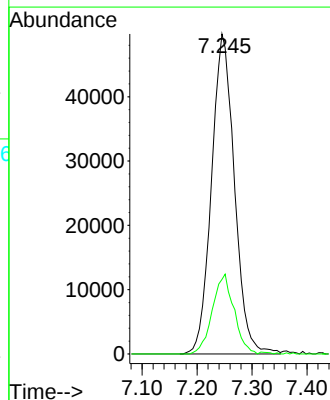
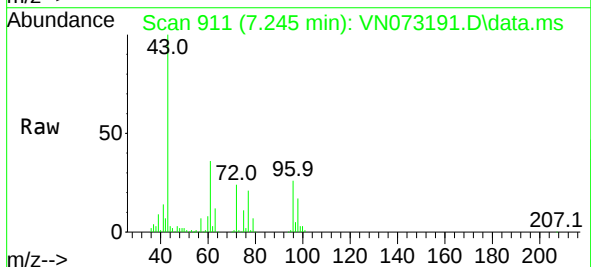
Manual Integrations
APPROVED

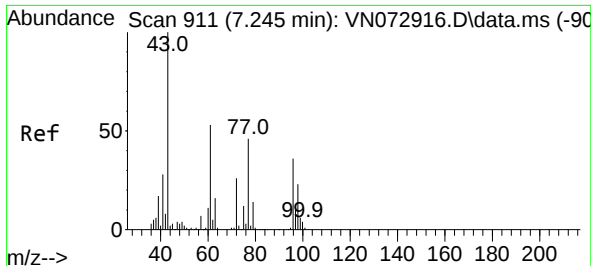
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#26
2,2-Dichloropropane
Concen: 32.165 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

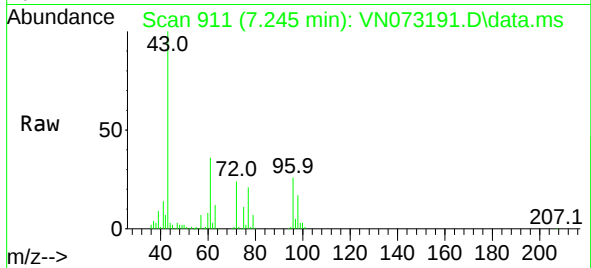
Tgt Ion: 77 Resp: 144331
Ion Ratio Lower Upper
77 100
97 23.5 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 51.327 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN073191.D
 Acq: 28 Jun 2022 04:13

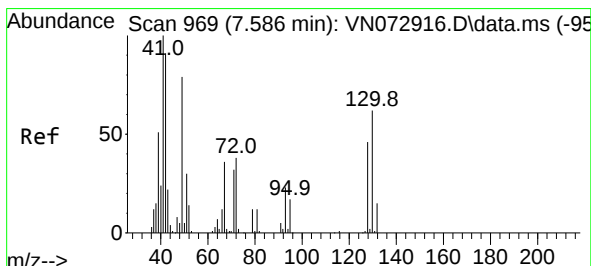
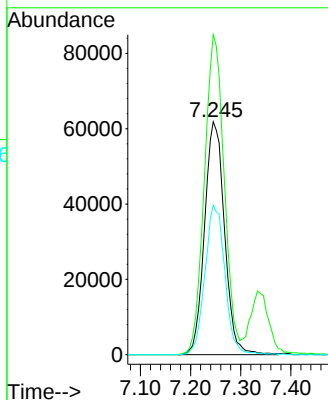
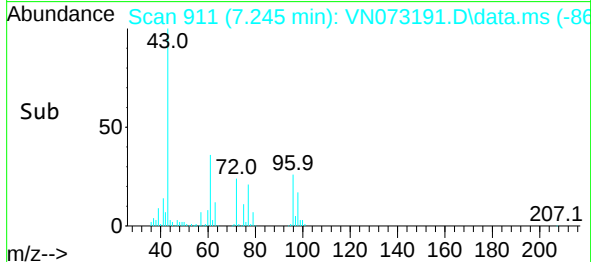
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 171580
 Ion Ratio Lower Upper
 96 100
 61 136.0 0.0 280.6
 98 64.2 0.0 128.4

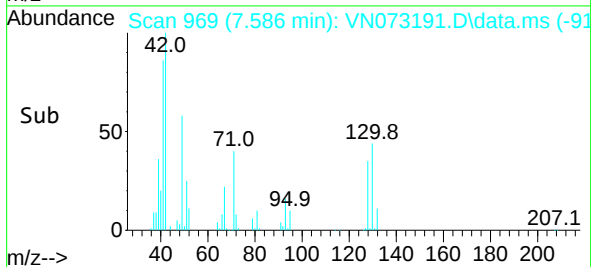
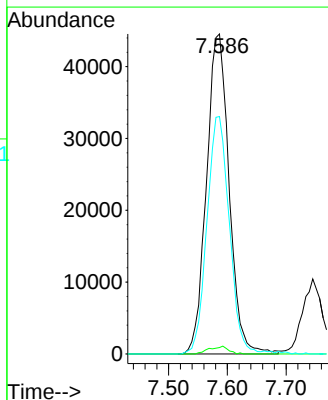
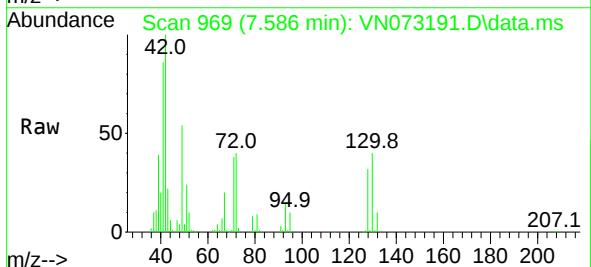
Manual Integrations
 APPROVED

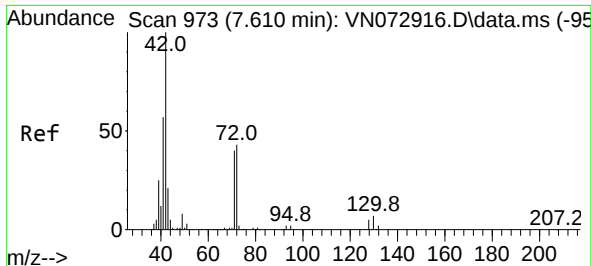
Reviewed By :John Carlone 06/28/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#28
 Bromochloromethane
 Concen: 53.650 ug/l
 RT: 7.586 min Scan# 969
 Delta R.T. 0.000 min
 Lab File: VN073191.D
 Acq: 28 Jun 2022 04:13

Tgt Ion: 49 Resp: 119176
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 73.1 69.7 104.5





#29

Tetrahydrofuran

Concen: 265.094 ug/l

RT: 7.610 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN073191.D

Acq: 28 Jun 2022 04:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 55464

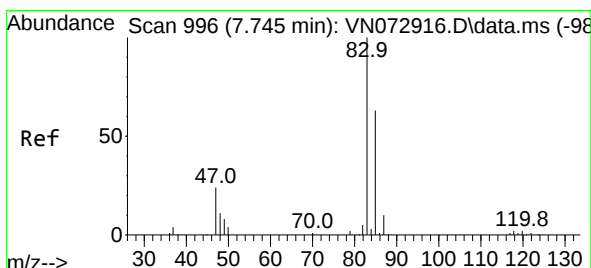
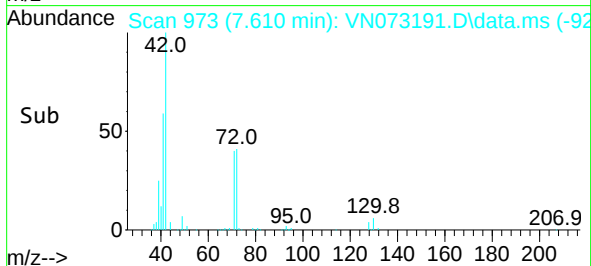
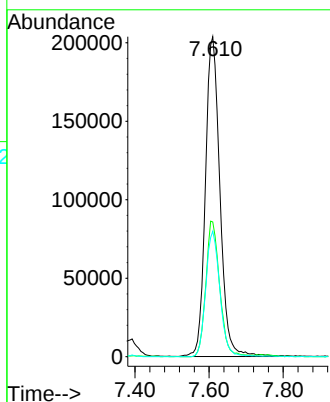
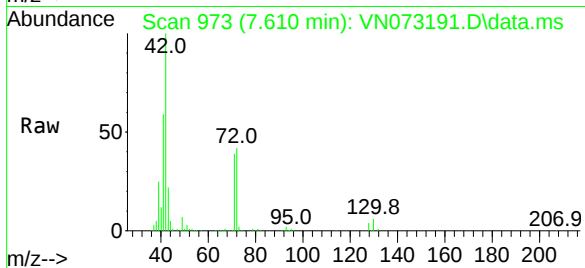
Ion	Ratio	Lower	Upper
42	100		
72	40.5	39.7	59.5
71	38.2	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/30/2022



#30

Chloroform

Concen: 52.772 ug/l

RT: 7.745 min Scan# 996

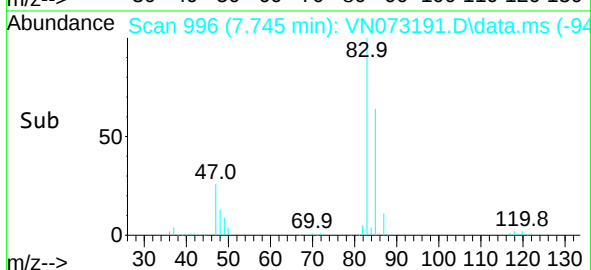
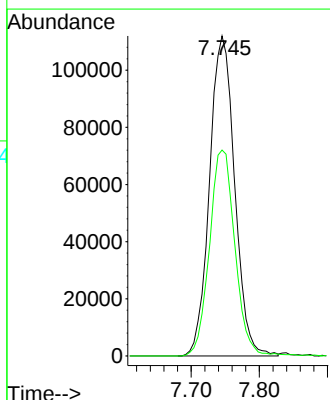
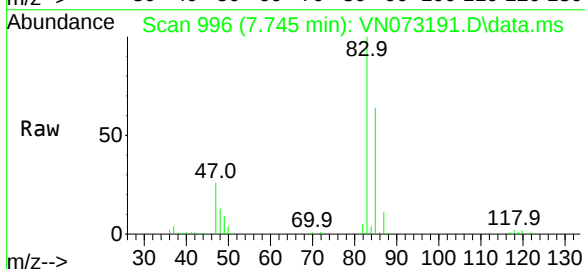
Delta R.T. 0.000 min

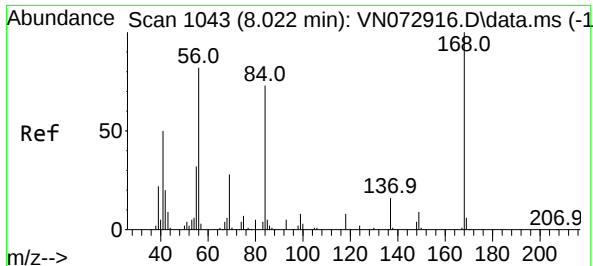
Lab File: VN073191.D

Acq: 28 Jun 2022 04:13

Tgt Ion: 83 Resp: 286952

Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.8	77.8





#31

Cyclohexane

Concen: 44.411 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VN073191.D

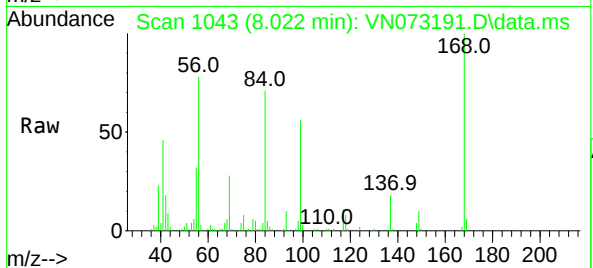
Acq: 28 Jun 2022 04:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 56 Resp: 218208

Ion Ratio Lower Upper

56 100

69 36.0 27.8 41.8

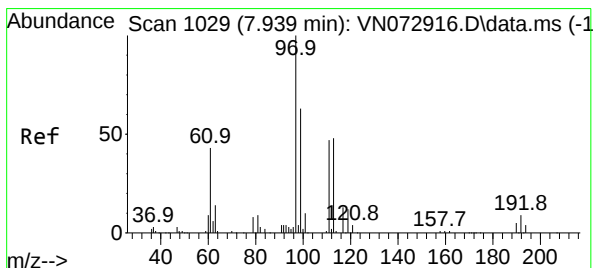
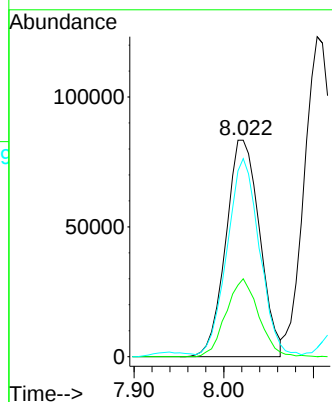
84 89.7 76.9 115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/30/2022



#32

1,1,1-Trichloroethane

Concen: 52.641 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. 0.006 min

Lab File: VN073191.D

Acq: 28 Jun 2022 04:13

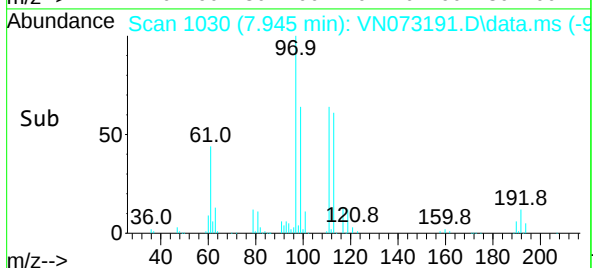
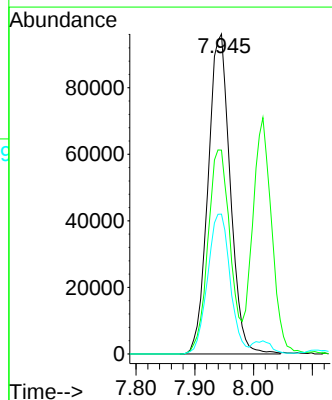
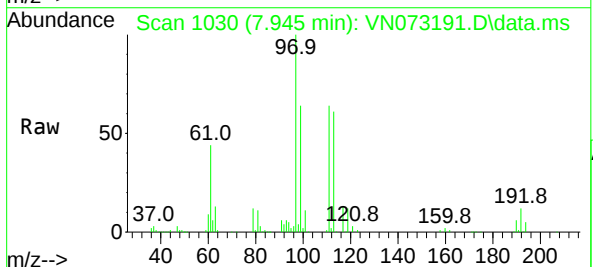
Tgt Ion: 97 Resp: 251188

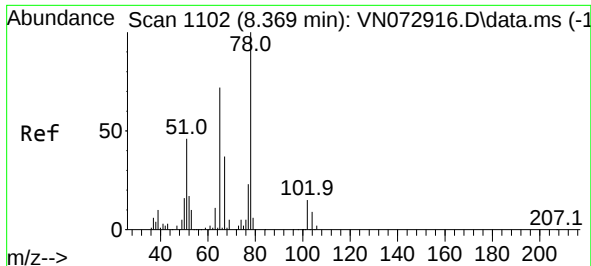
Ion Ratio Lower Upper

97 100

99 64.2 50.6 76.0

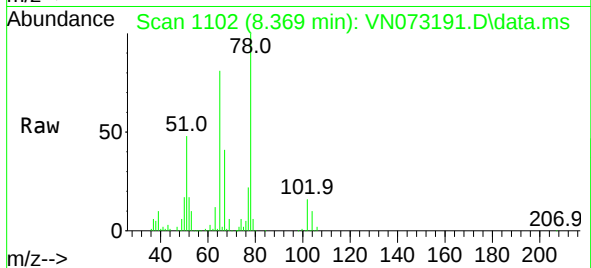
61 44.6 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 53.925 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

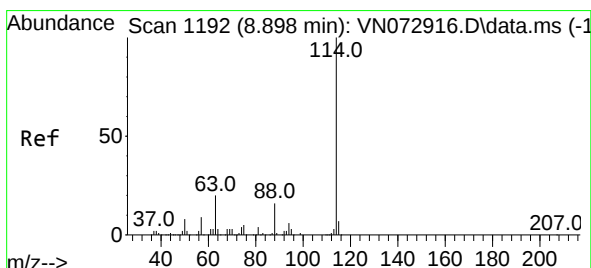
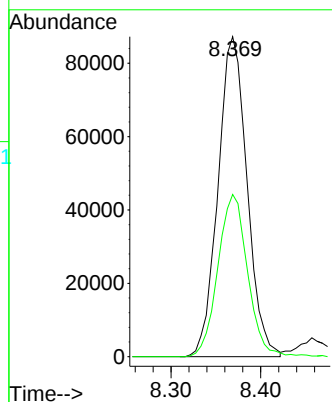
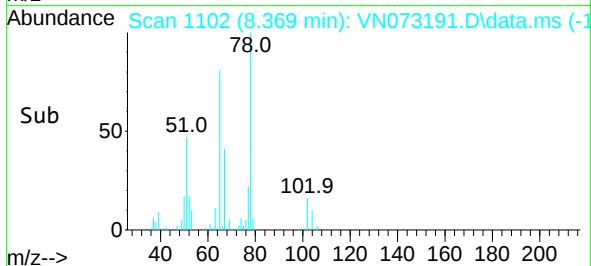
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



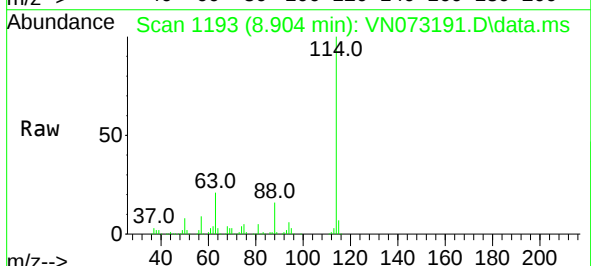
Tgt Ion: 65 Resp: 195870
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8

Manual Integrations
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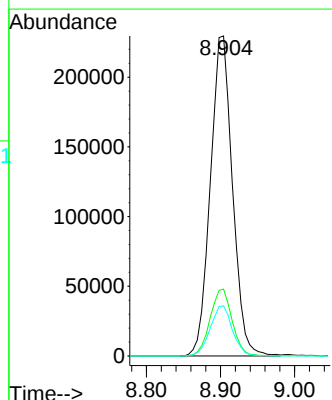
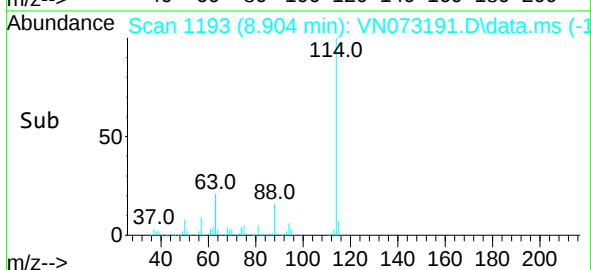
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022

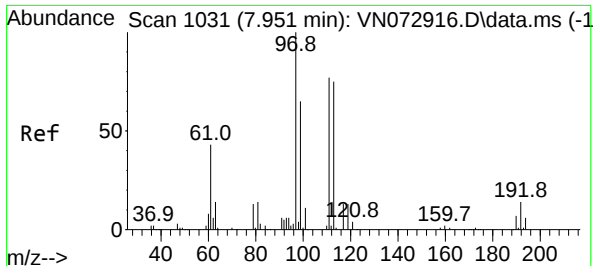


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13



Tgt Ion:114 Resp: 475821
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.0
88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.266 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073191.D

Acq: 28 Jun 2022 04:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 15371

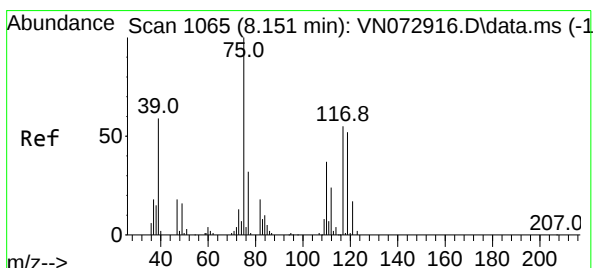
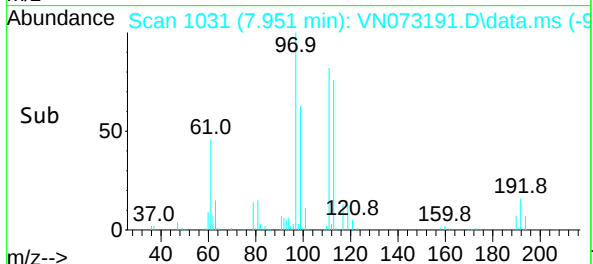
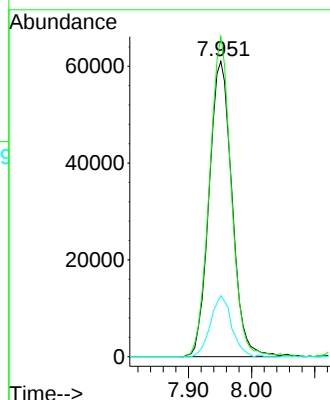
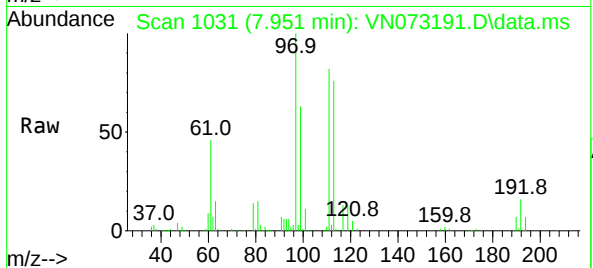
Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.4	122.0
192	19.0	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/30/2022



#36

1,1-Dichloropropene

Concen: 47.154 ug/l

RT: 8.151 min Scan# 1065

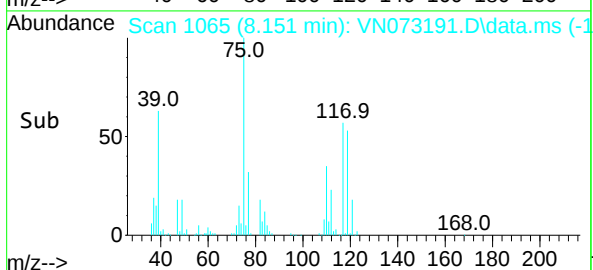
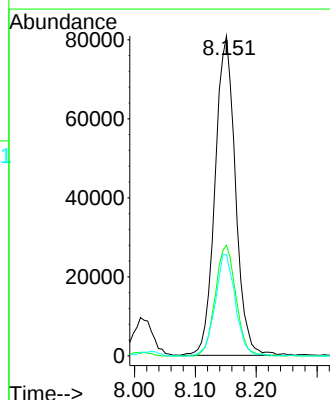
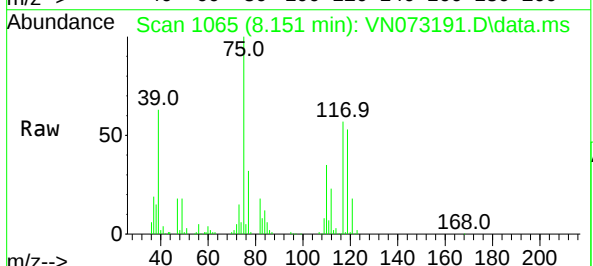
Delta R.T. 0.000 min

Lab File: VN073191.D

Acq: 28 Jun 2022 04:13

Tgt Ion: 75 Resp: 187651

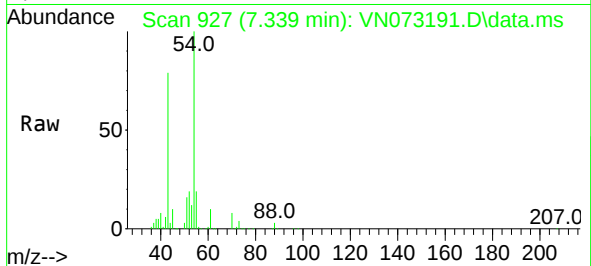
Ion	Ratio	Lower	Upper
75	100		
110	35.1	18.3	54.8
77	31.7	25.1	37.7





#37
Ethyl Acetate
Concen: 51.112 ug/l
RT: 7.339 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

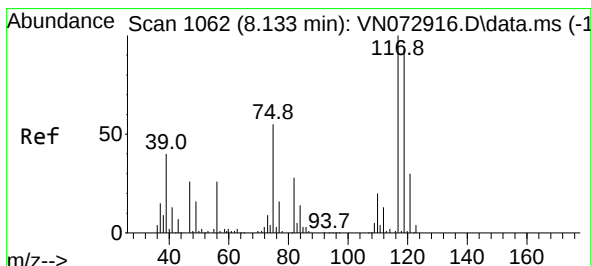
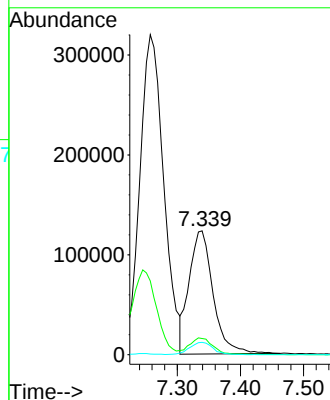
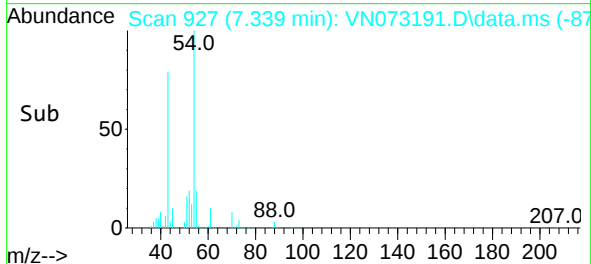
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 32534
Ion Ratio Lower Upper
43 100
61 13.6 11.8 17.6
70 9.8 9.3 13.9

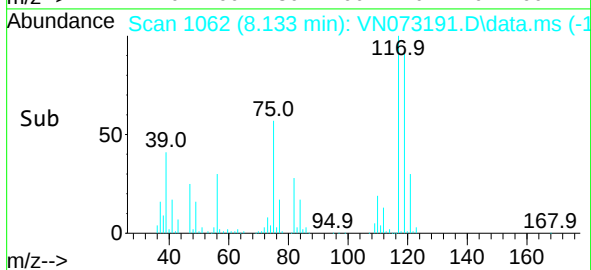
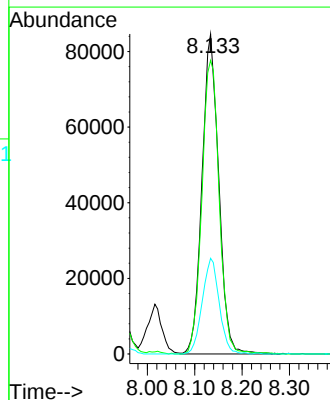
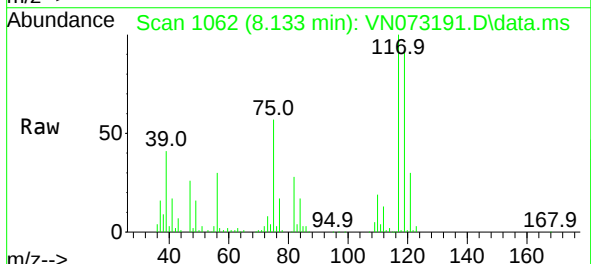
Manual Integrations
APPROVED

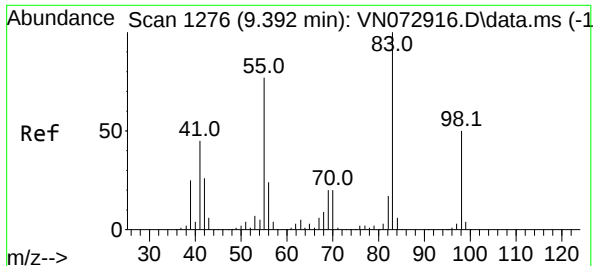
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#38
Carbon Tetrachloride
Concen: 49.515 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

Tgt Ion:117 Resp: 207263
Ion Ratio Lower Upper
117 100
119 91.7 75.8 113.8
121 29.9 24.6 37.0





#39

Methylcyclohexane

Concen: 44.515 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073191.D

Acq: 28 Jun 2022 04:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 21352

Ion Ratio Lower Upper

83 100

55 76.1 57.8 86.8

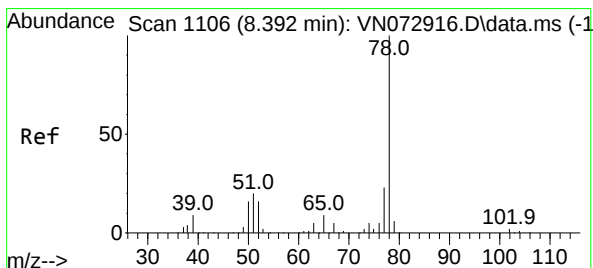
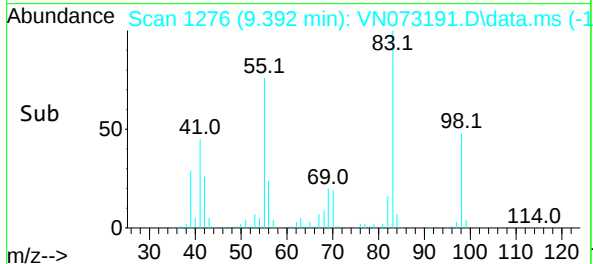
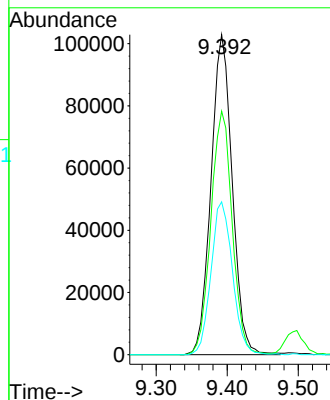
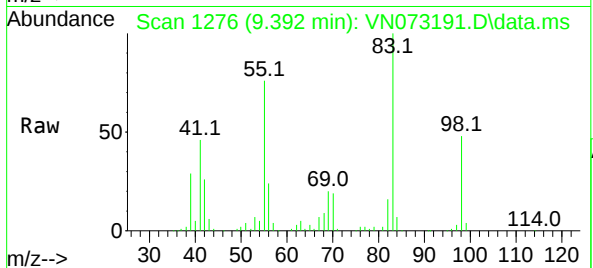
98 47.8 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/30/2022



#40

Benzene

Concen: 49.062 ug/l

RT: 8.386 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN073191.D

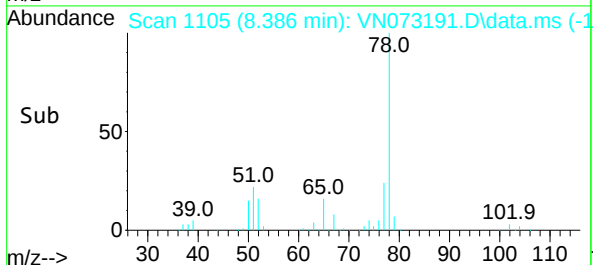
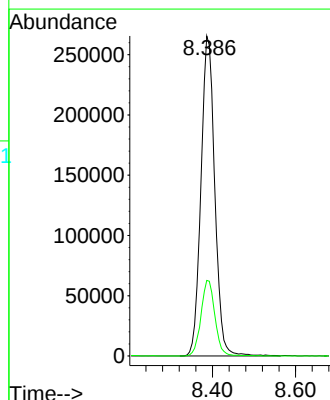
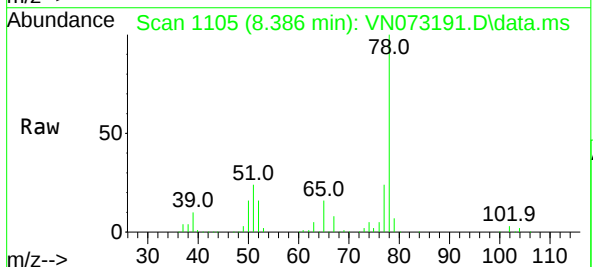
Acq: 28 Jun 2022 04:13

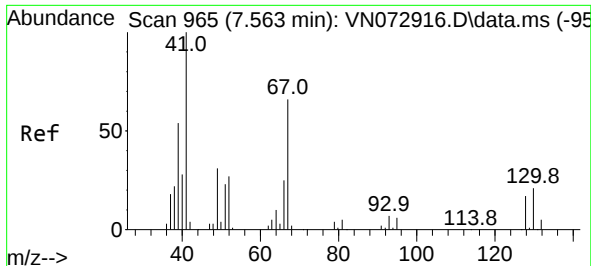
Tgt Ion: 78 Resp: 613603

Ion Ratio Lower Upper

78 100

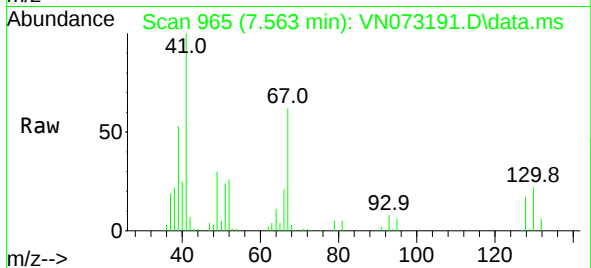
77 23.6 19.4 29.0





#41
Methacrylonitrile
Concen: 57.038 ug/l
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

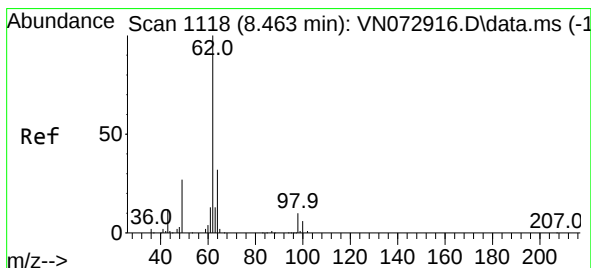
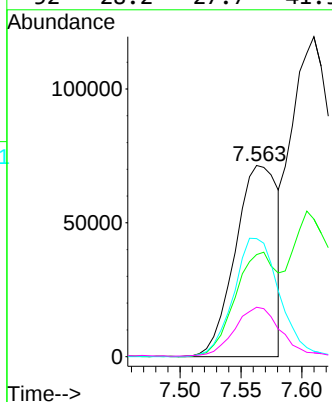
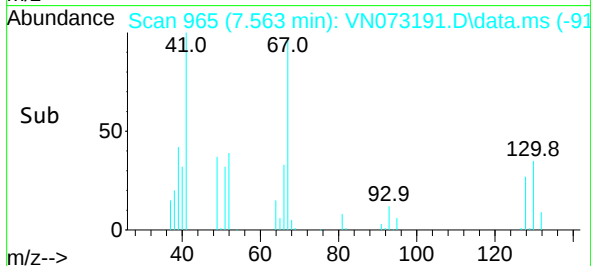
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



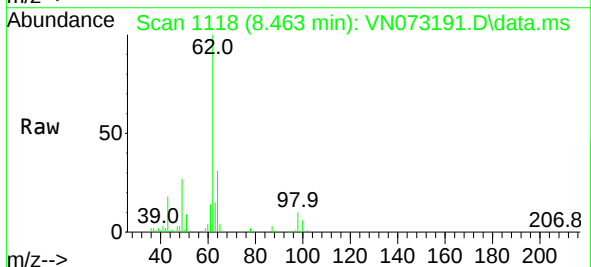
Tgt Ion: 41 Resp: 17216
Ion Ratio Lower Upper
41 100
39 53.5 48.6 73.0
67 67.8 73.4 110.2
52 28.2 27.7 41.5

Manual Integrations
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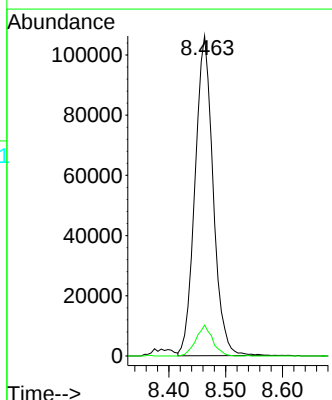
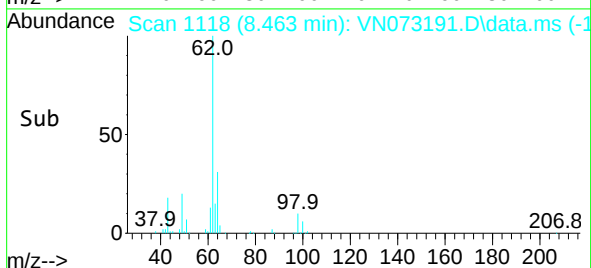
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022

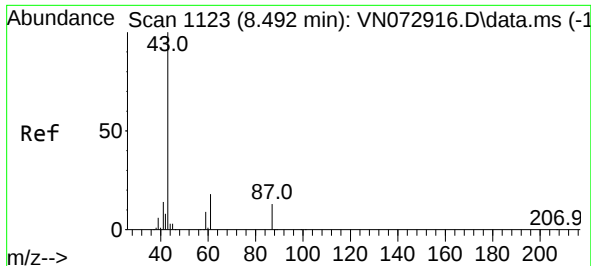


#42
1,2-Dichloroethane
Concen: 52.878 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13



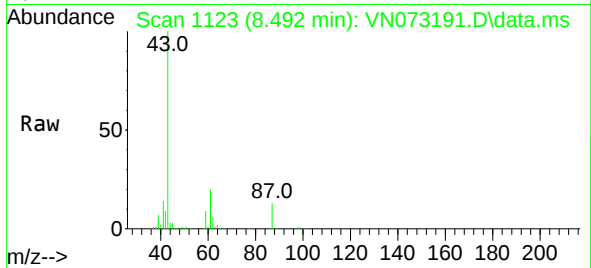
Tgt Ion: 62 Resp: 234890
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.4





#43
Isopropyl Acetate
Concen: 54.008 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

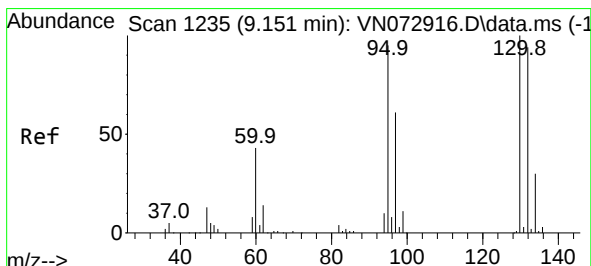
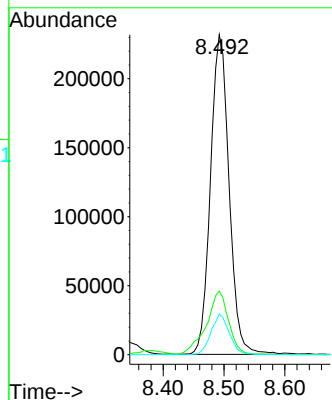
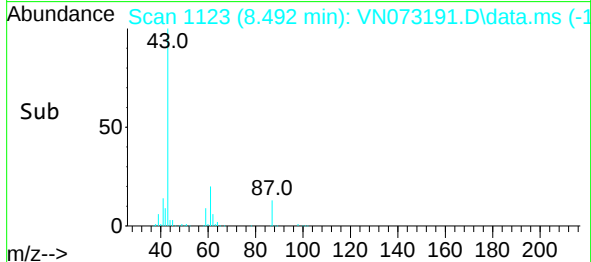
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 49141
Ion Ratio Lower Upper
43 100
61 24.0 21.9 32.9
87 12.6 12.0 18.0

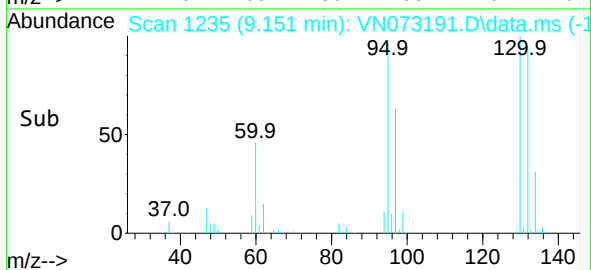
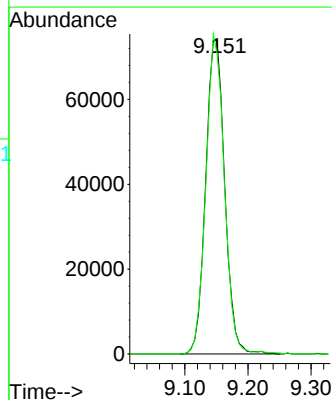
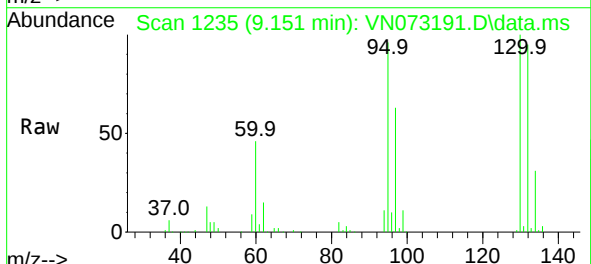
Manual Integrations
APPROVED

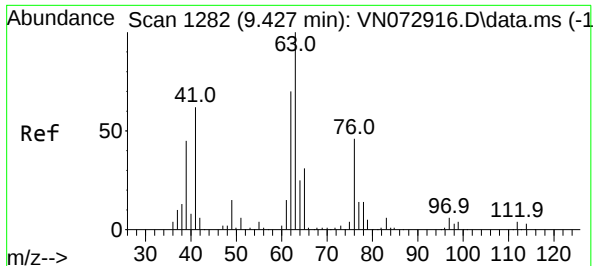
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#44
Trichloroethene
Concen: 48.921 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

Tgt Ion:130 Resp: 155050
Ion Ratio Lower Upper
130 100
95 95.8 0.0 186.8





#45

1,2-Dichloropropane

Concen: 51.534 ug/l

RT: 9.422 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VN073191.D

Acq: 28 Jun 2022 04:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 164740

Ion Ratio Lower Upper

63 100

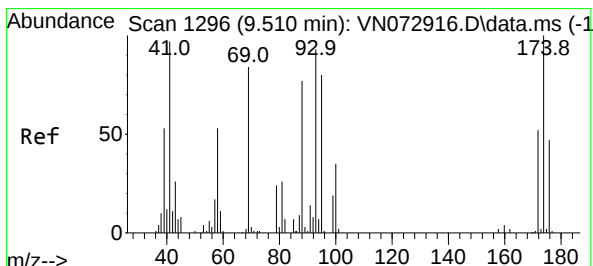
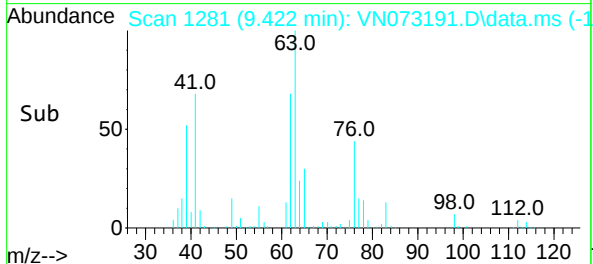
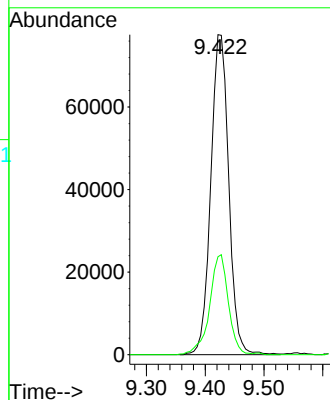
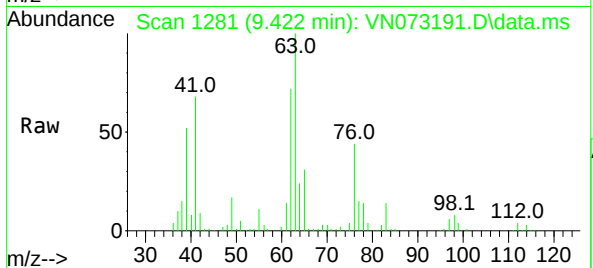
65 30.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/30/2022



#46

Dibromomethane

Concen: 51.005 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN073191.D

Acq: 28 Jun 2022 04:13

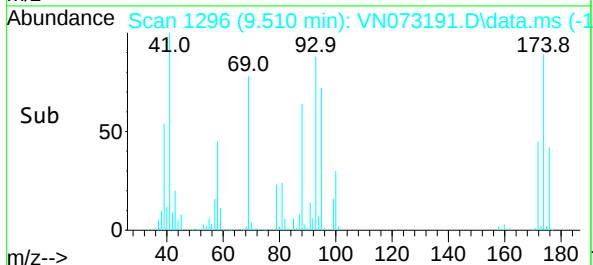
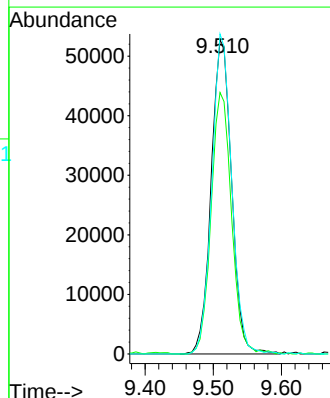
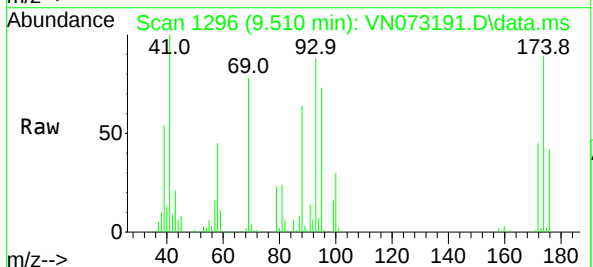
Tgt Ion: 93 Resp: 110252

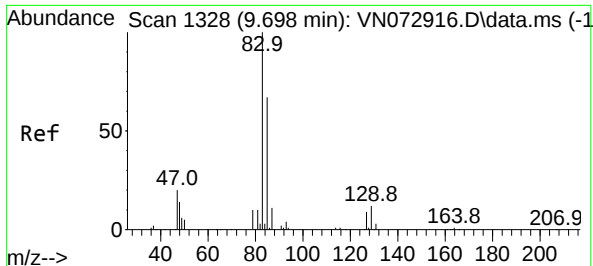
Ion Ratio Lower Upper

93 100

95 83.1 66.9 100.3

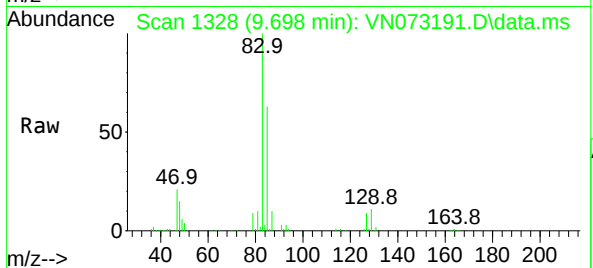
174 98.7 86.6 130.0





#47
Bromodichloromethane
Concen: 53.554 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. -0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

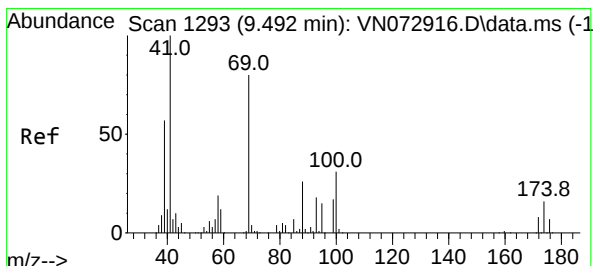
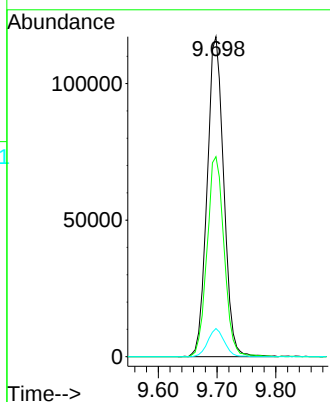
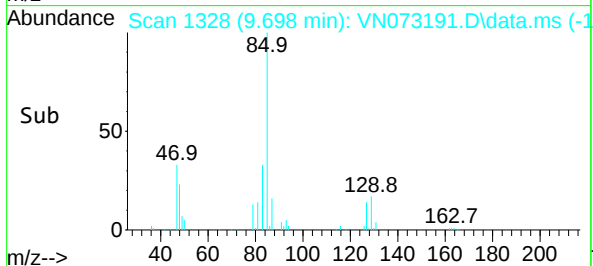
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



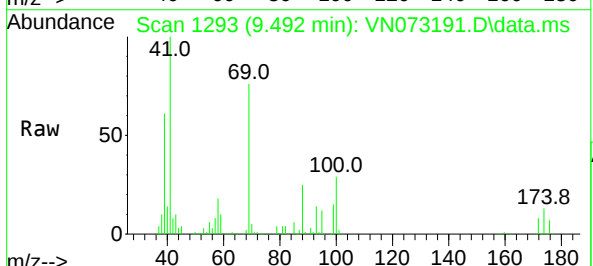
Tgt Ion: 83 Resp: 23006
Ion Ratio Lower Upper
83 100
85 62.5 50.5 75.7
127 8.8 6.8 10.2

Manual Integrations
APPROVED

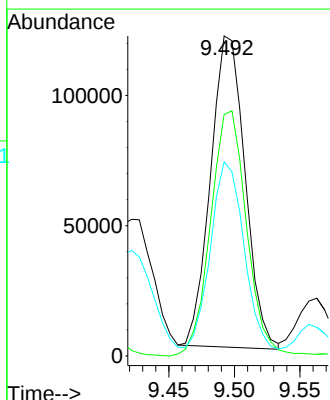
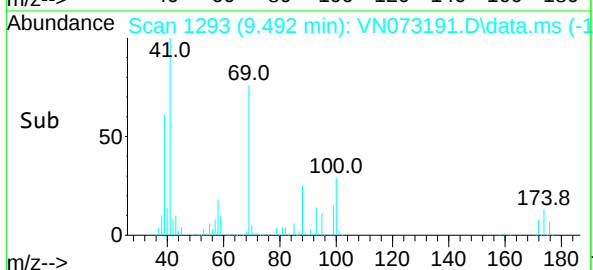
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022

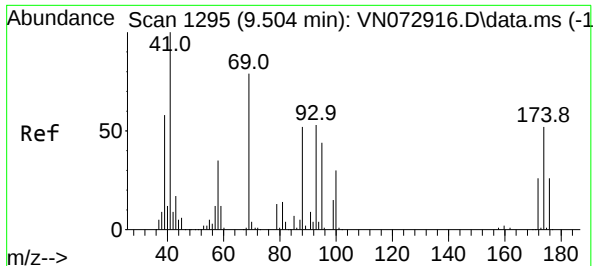


#48
Methyl methacrylate
Concen: 52.574 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13



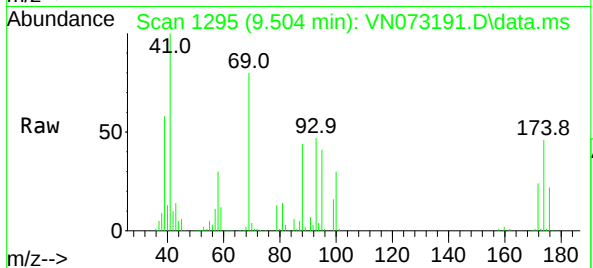
Tgt Ion: 41 Resp: 218405
Ion Ratio Lower Upper
41 100
69 82.7 74.7 112.1
39 62.7 45.6 68.4





#49
1,4-Dioxane
Concen: 961.825 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

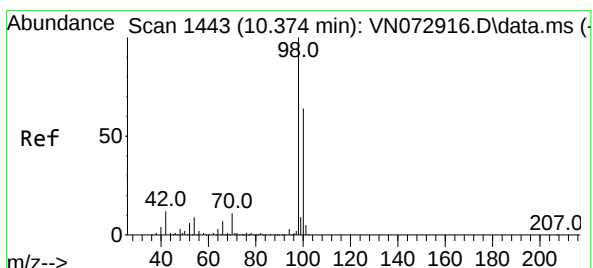
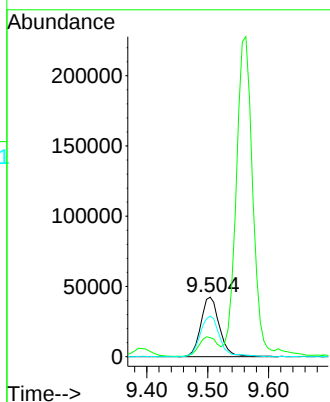
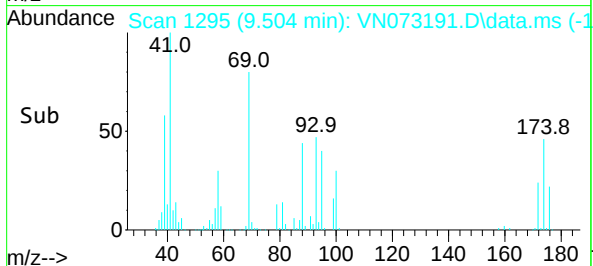
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



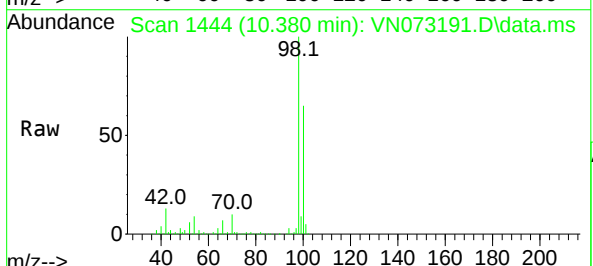
Tgt Ion: 88 Resp: 89904
Ion Ratio Lower Upper
88 100
43 32.4 20.2 30.4
58 71.2 54.2 81.4

Manual Integrations
APPROVED

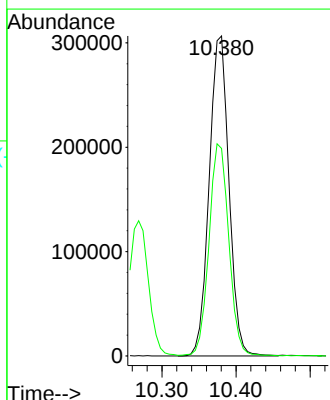
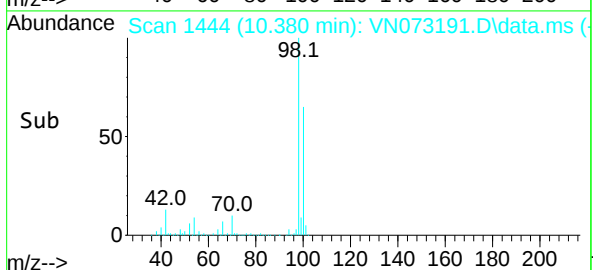
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#50
Toluene-d8
Concen: 51.807 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13



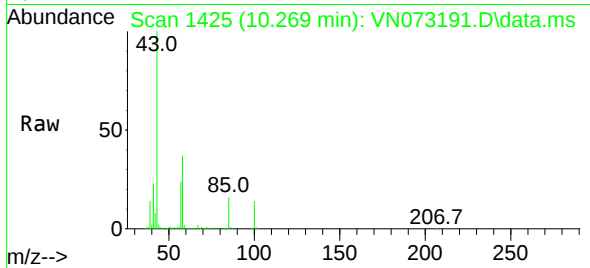
Tgt Ion: 98 Resp: 566950
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 274.380 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

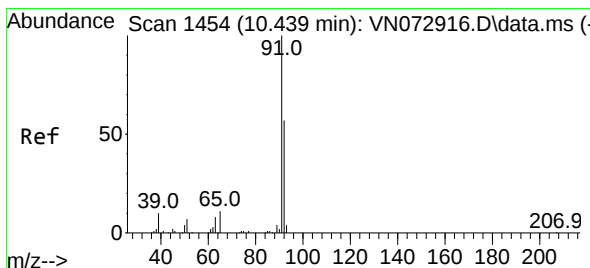
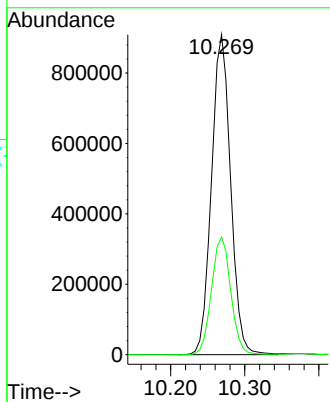
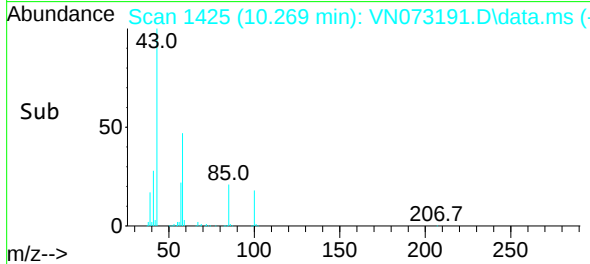
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



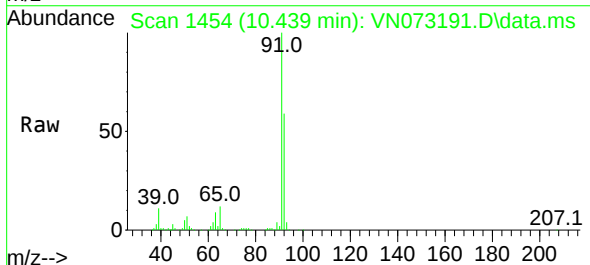
Tgt Ion: 43 Resp: 1628014
Ion Ratio Lower Upper
43 100
58 37.1 34.1 51.1

Manual Integrations
APPROVED

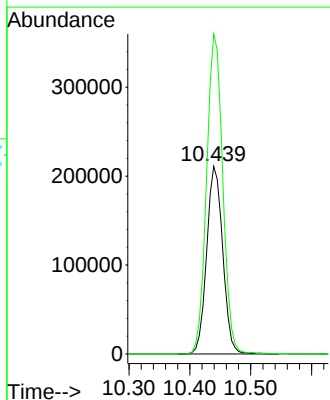
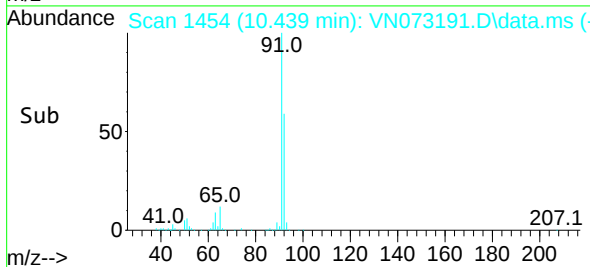
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#52
Toluene
Concen: 50.302 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13



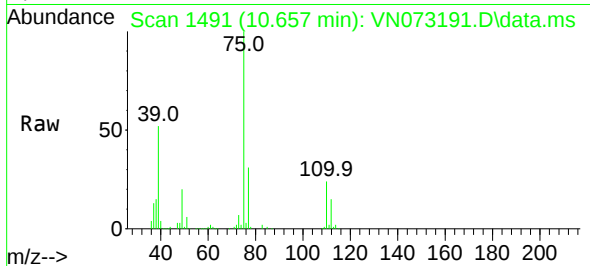
Tgt Ion: 92 Resp: 386241
Ion Ratio Lower Upper
92 100
91 171.9 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 50.148 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

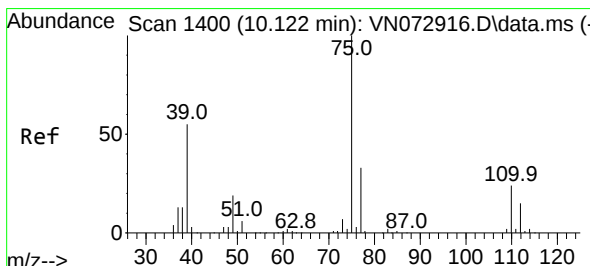
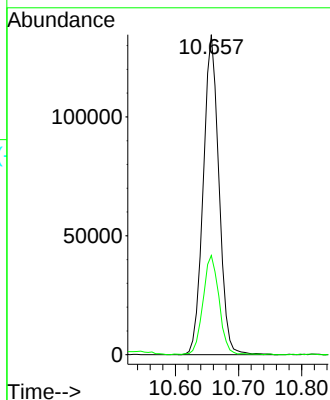
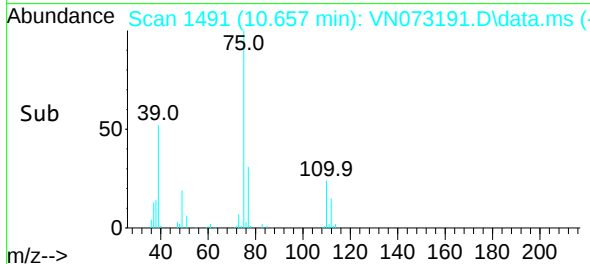
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



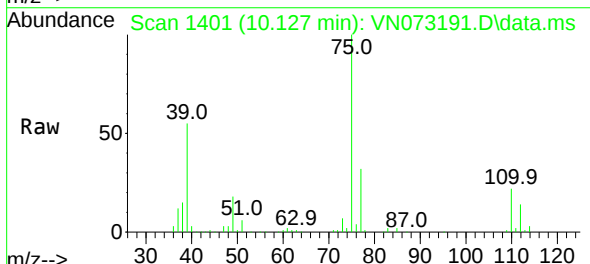
Tgt Ion: 75 Resp: 231685
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4

Manual Integrations
APPROVED

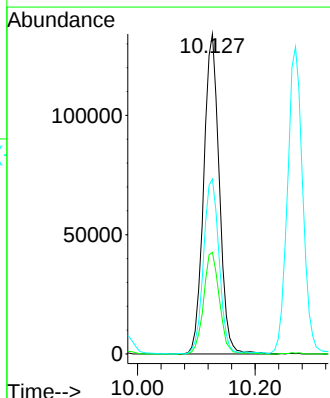
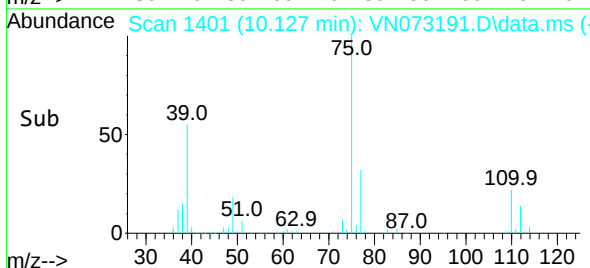
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022

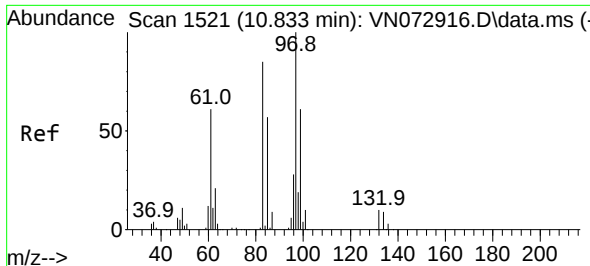


#54
cis-1,3-Dichloropropene
Concen: 48.939 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. 0.006 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13



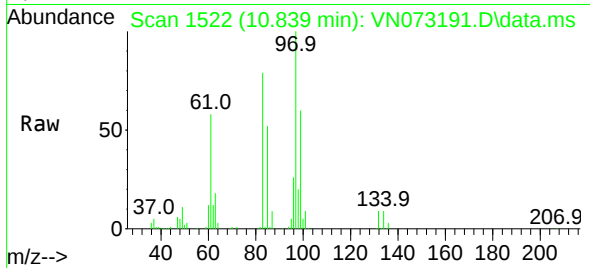
Tgt Ion: 75 Resp: 246970
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8
39 54.6 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 50.539 ug/l
RT: 10.839 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

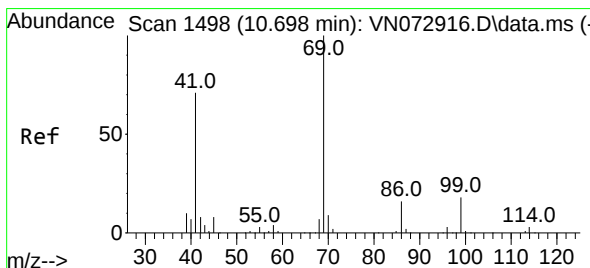
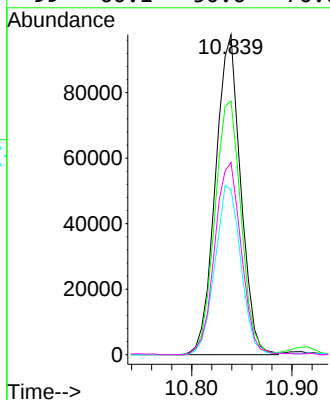
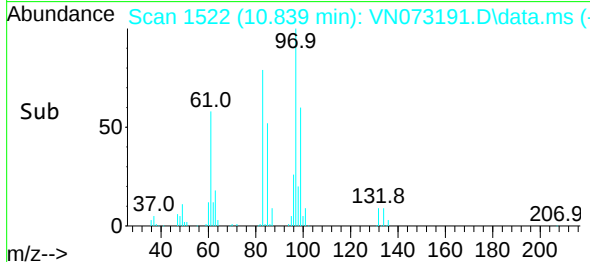
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



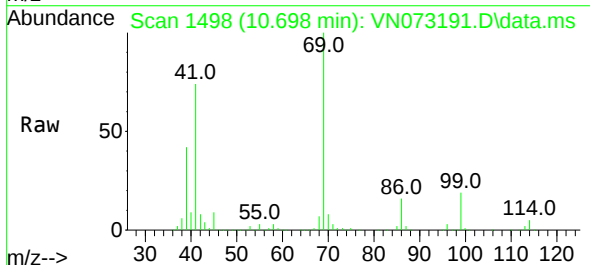
Tgt Ion: 97 Resp: 17039
Ion Ratio Lower Upper
97 100
83 79.3 66.2 99.4
85 51.6 43.9 65.9
99 60.1 50.6 76.0

Manual Integrations
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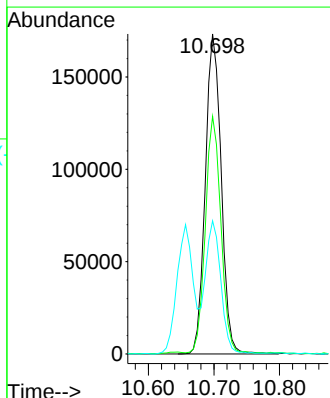
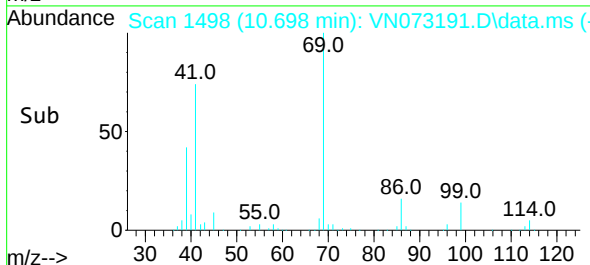
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022

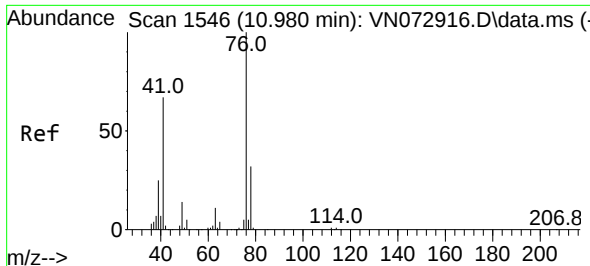


#56
Ethyl methacrylate
Concen: 54.149 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13



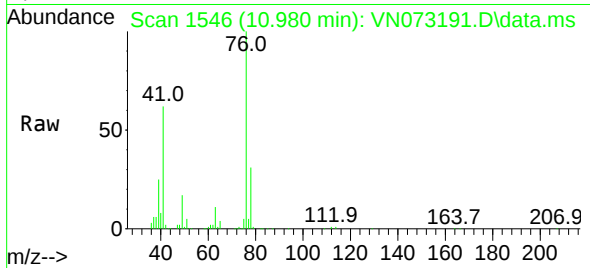
Tgt Ion: 69 Resp: 292615
Ion Ratio Lower Upper
69 100
41 72.1 47.8 71.6#
39 41.2 27.3 40.9#





#57
1,3-Dichloropropane
Concen: 51.348 ug/l
RT: 10.980 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

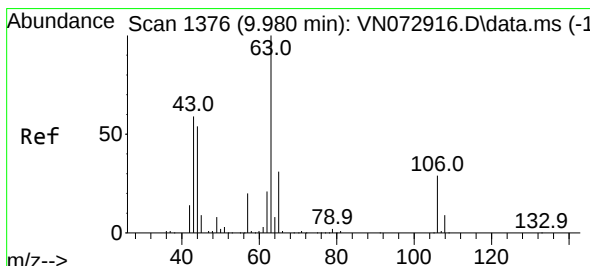
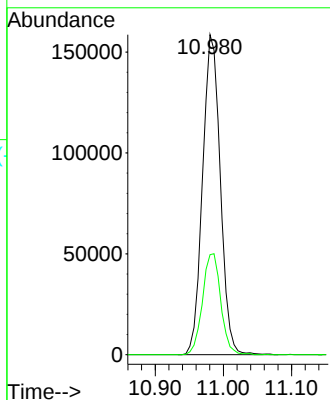
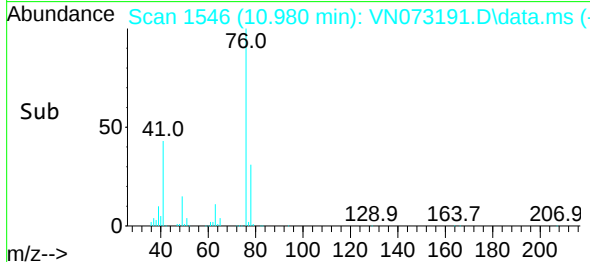
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 287208
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.2

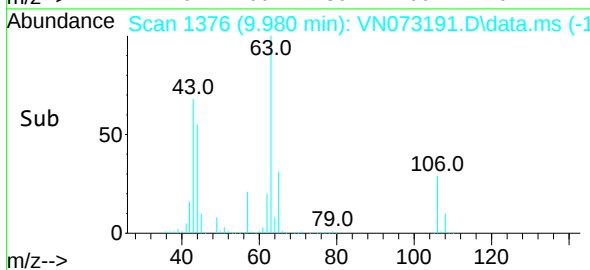
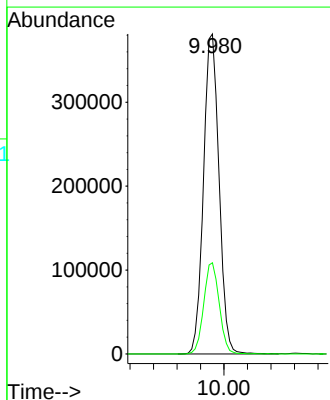
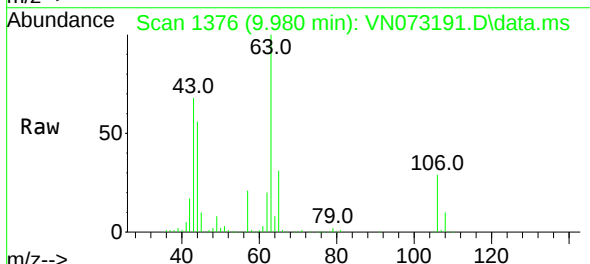
Manual Integrations
APPROVED

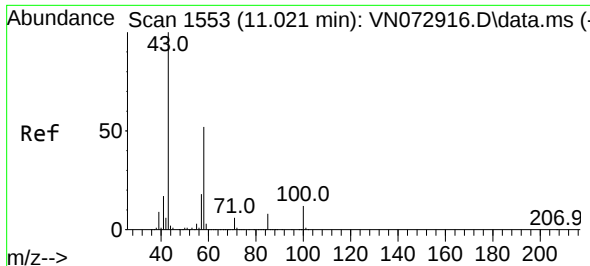
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#58
2-Chloroethyl Vinyl ether
Concen: 293.561 ug/l
RT: 9.980 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

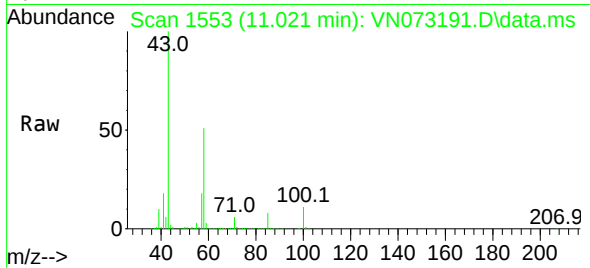
Tgt Ion: 63 Resp: 700368
Ion Ratio Lower Upper
63 100
106 28.4 24.6 36.8





#59
2-Hexanone
Concen: 275.543 ug/l
RT: 11.021 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

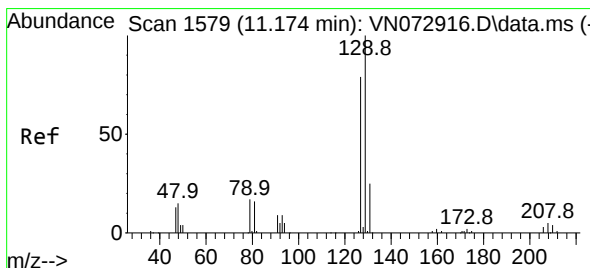
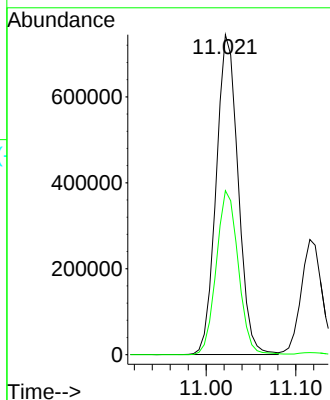
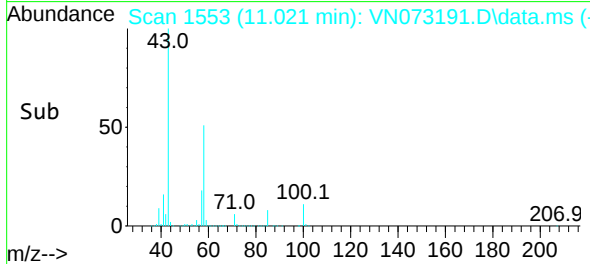
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 126451
Ion Ratio Lower Upper
43 100
58 51.5 29.7 89.1

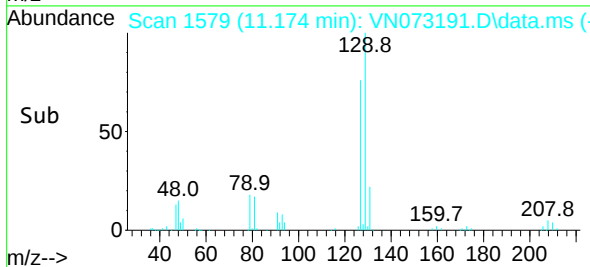
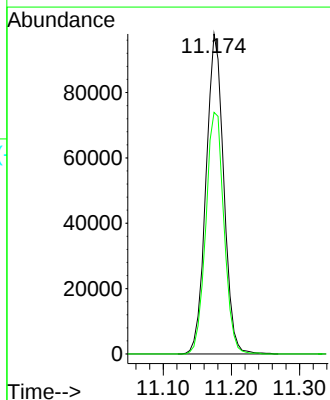
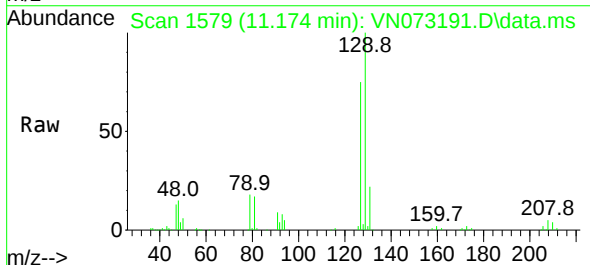
Manual Integrations
APPROVED

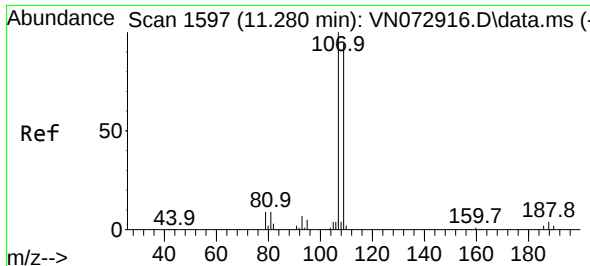
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#60
Dibromochloromethane
Concen: 55.406 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

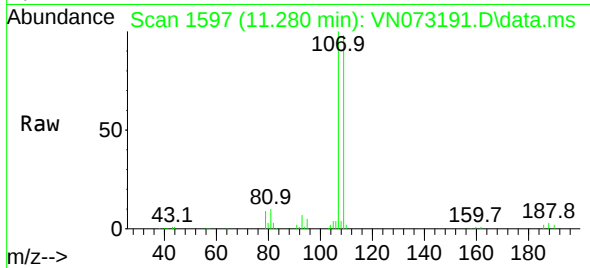
Tgt Ion:129 Resp: 176542
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.674 ug/l
RT: 11.280 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

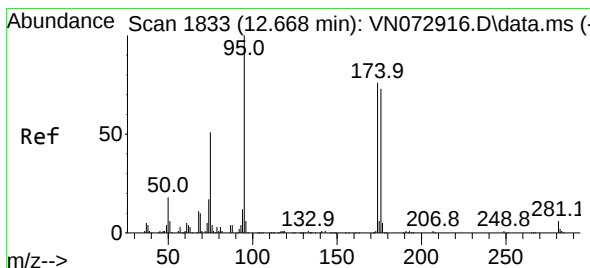
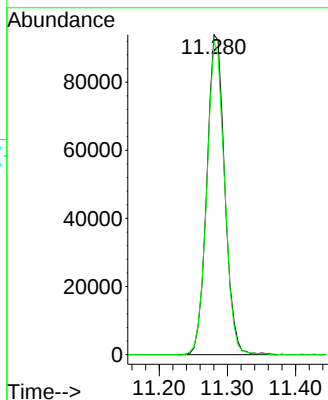
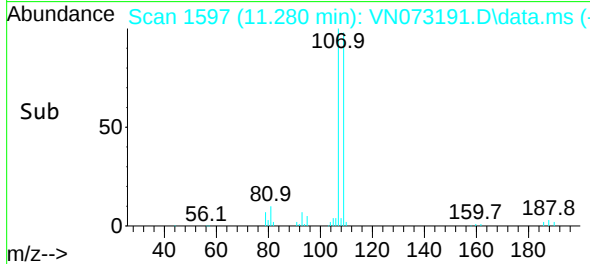
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



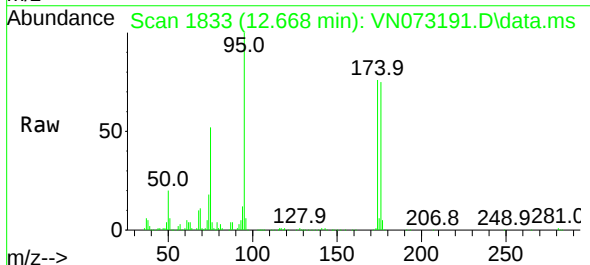
Tgt Ion:107 Resp: 171748
Ion Ratio Lower Upper
107 100
109 97.2 75.0 112.6

Manual Integrations
APPROVED

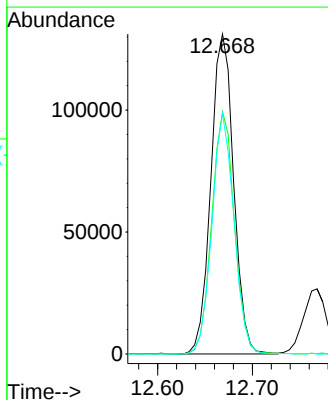
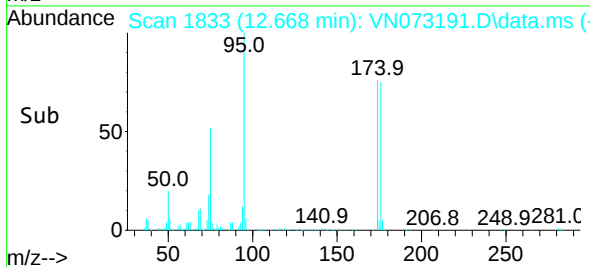
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022

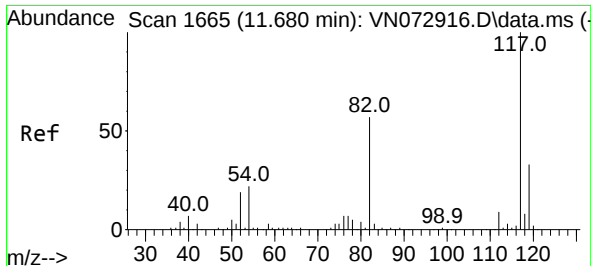


#62
4-Bromofluorobenzene
Concen: 55.586 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13



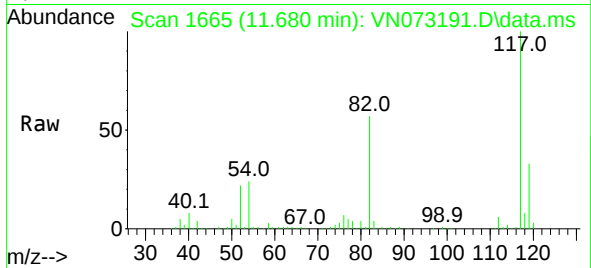
Tgt Ion: 95 Resp: 218740
Ion Ratio Lower Upper
95 100
174 75.3 0.0 167.6
176 72.9 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

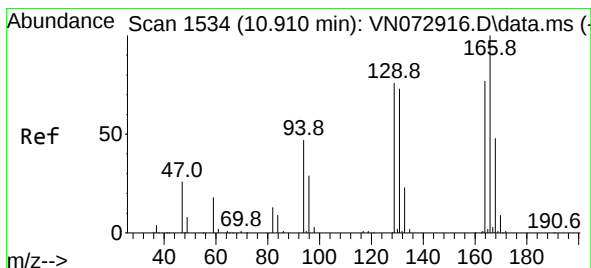
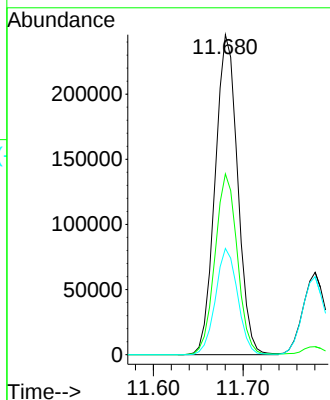
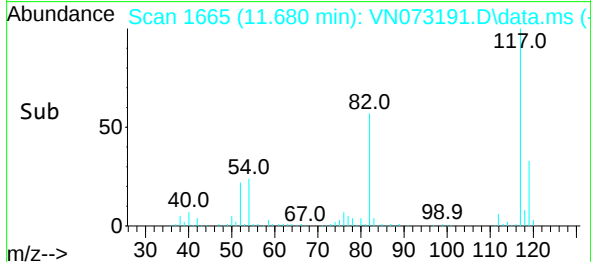
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 428124
Ion Ratio Lower Upper
117 100
82 56.5 44.2 66.2
119 33.2 25.4 38.0

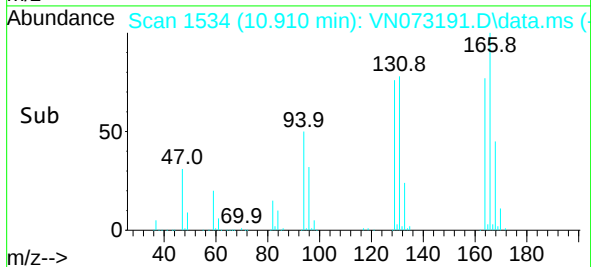
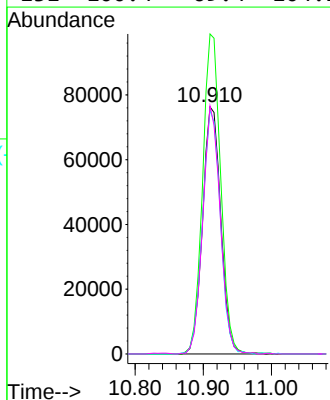
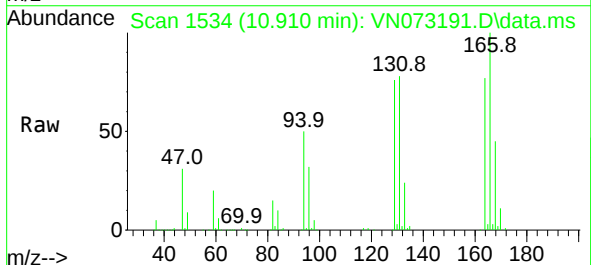
Manual Integrations
APPROVED

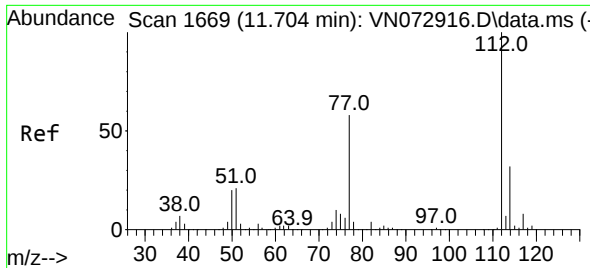
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#64
Tetrachloroethene
Concen: 54.483 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

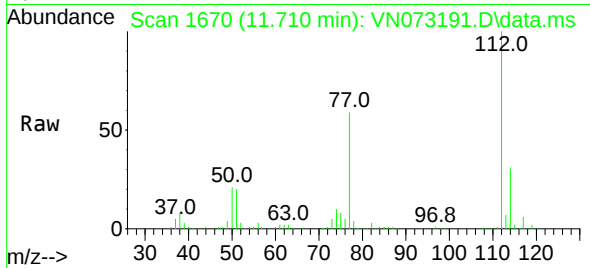
Tgt Ion:164 Resp: 141898
Ion Ratio Lower Upper
164 100
166 129.5 104.2 156.2
129 98.7 73.9 110.9
131 100.4 69.4 104.2





#65
Chlorobenzene
Concen: 50.614 ug/l
RT: 11.710 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

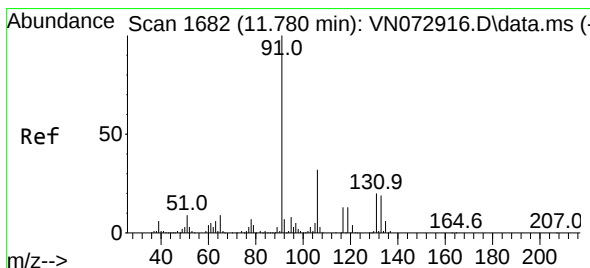
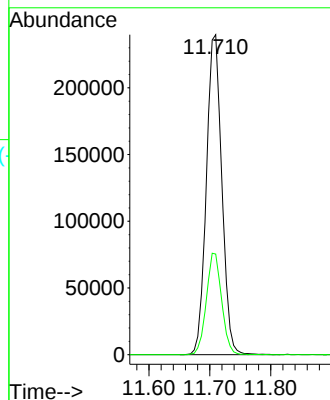
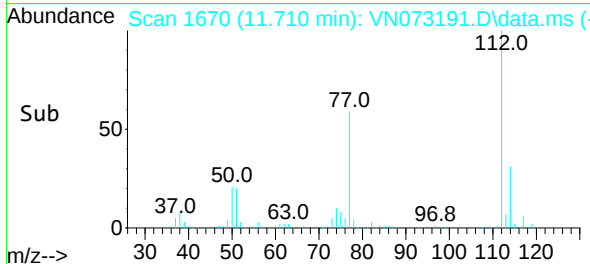
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



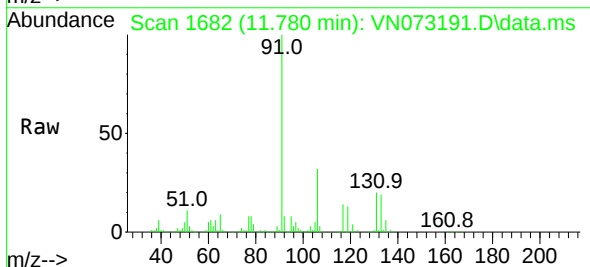
Tgt Ion:112 Resp: 423180
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2

Manual Integrations
APPROVED

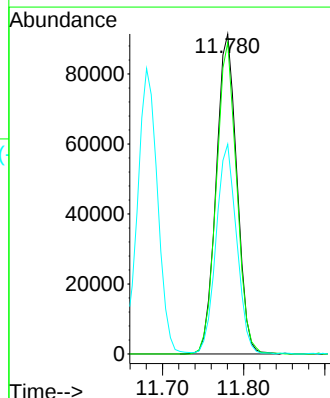
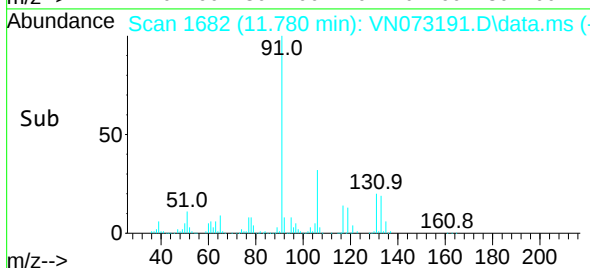
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 50.862 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13



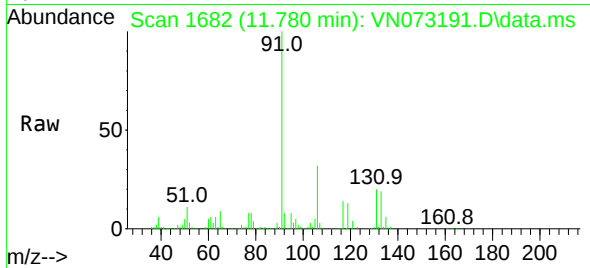
Tgt Ion:131 Resp: 161858
Ion Ratio Lower Upper
131 100
133 95.8 47.8 143.4
119 65.3 33.4 100.2





#67
Ethyl Benzene
Concen: 51.712 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

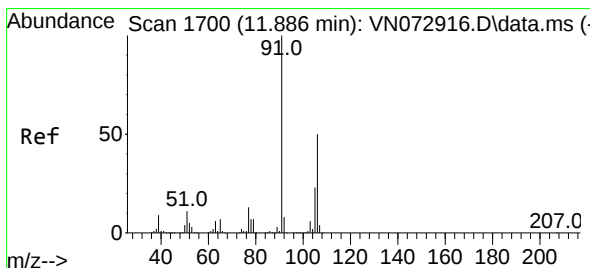
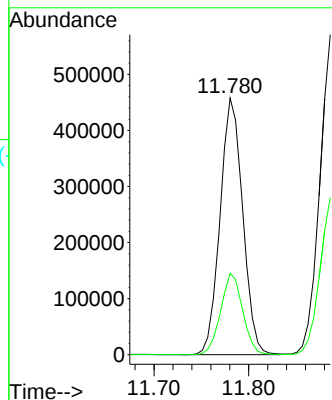
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 761118
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

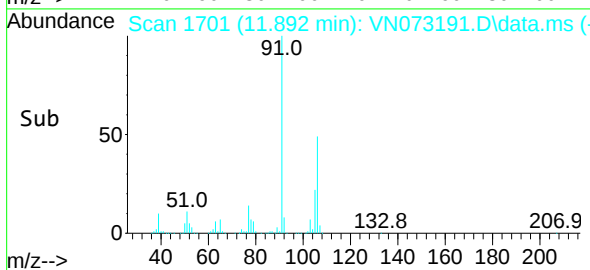
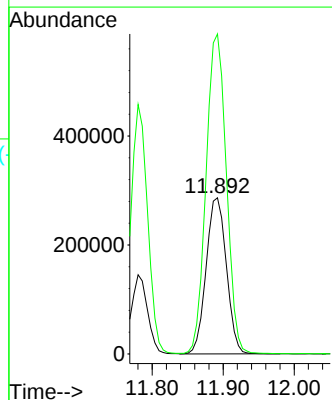
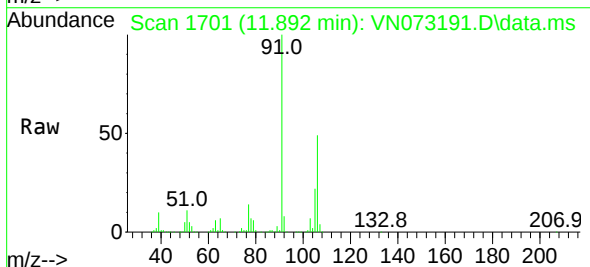
Manual Integrations
APPROVED

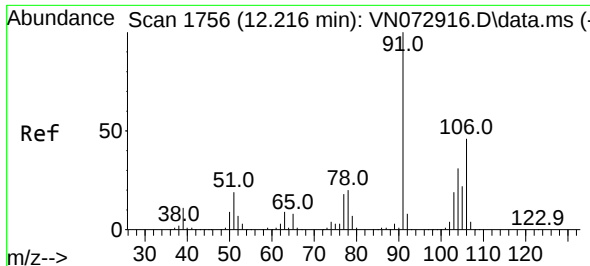
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#68
m/p-Xylenes
Concen: 98.381 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

Tgt Ion:106 Resp: 567935
Ion Ratio Lower Upper
106 100
91 205.7 158.9 238.3





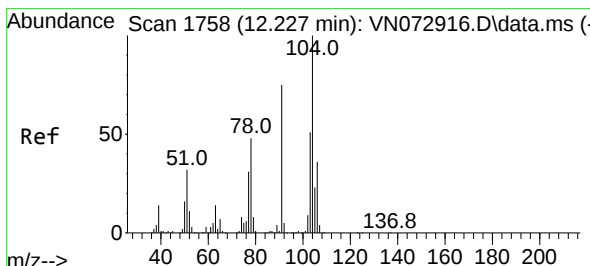
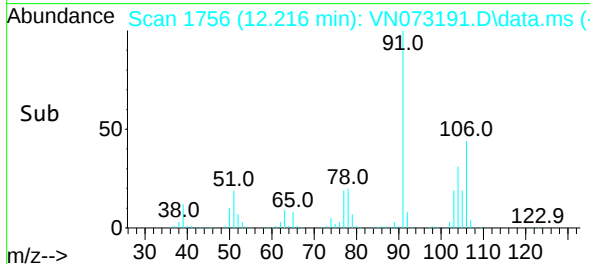
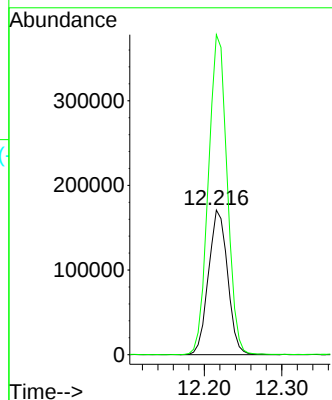
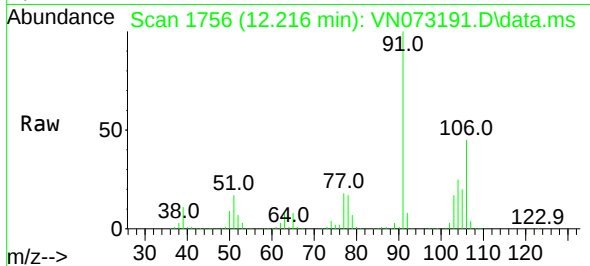
#69
o-Xylene
Concen: 50.737 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 292673
Ion Ratio Lower Upper
106 100
91 217.7 106.0 318.0

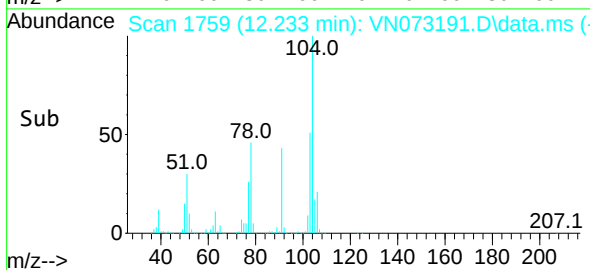
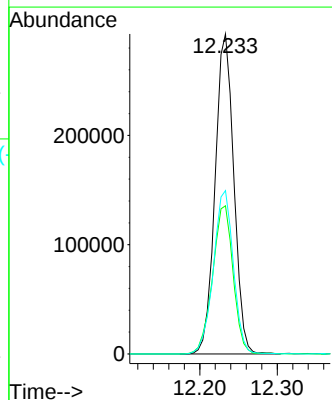
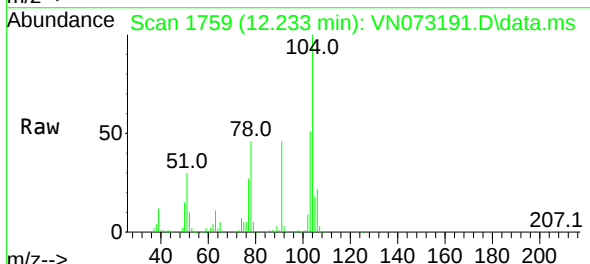
Manual Integrations
APPROVED

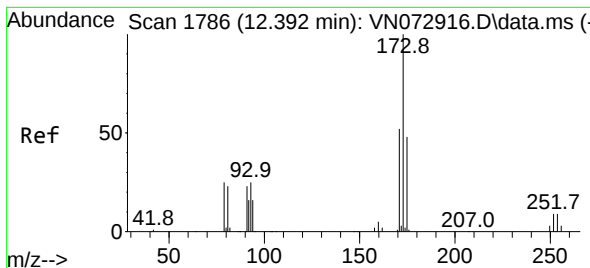
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#70
Styrene
Concen: 53.042 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.006 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

Tgt Ion:104 Resp: 491359
Ion Ratio Lower Upper
104 100
78 50.8 39.5 59.3
103 54.6 44.0 66.0





#71

Bromoform

Concen: 55.116 ug/l

RT: 12.398 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VN073191.D

Acq: 28 Jun 2022 04:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 13224

Ion Ratio Lower Upper

173 100

175 48.2 24.6 73.6

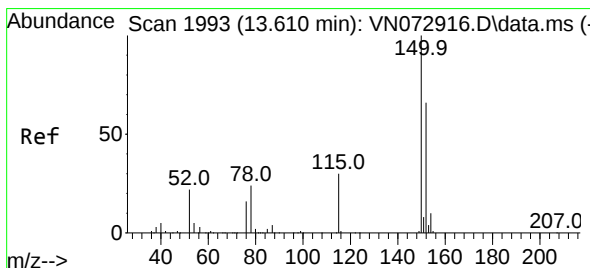
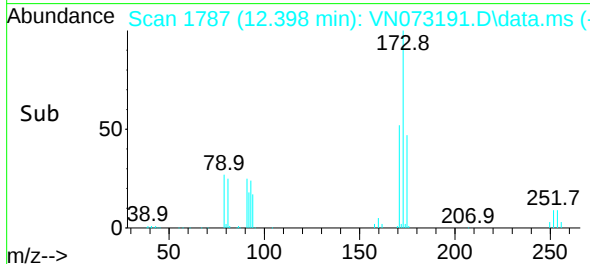
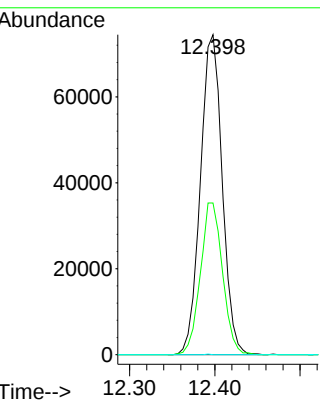
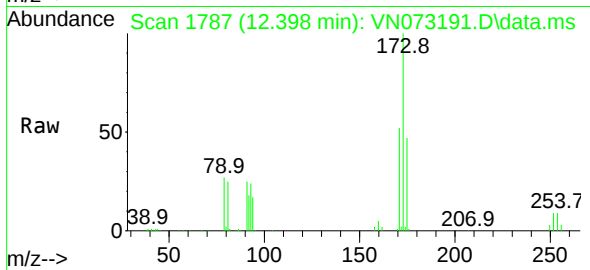
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/30/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VN073191.D

Acq: 28 Jun 2022 04:13

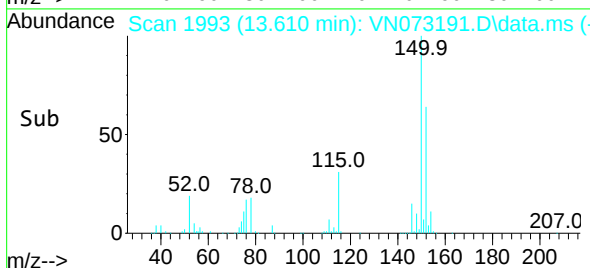
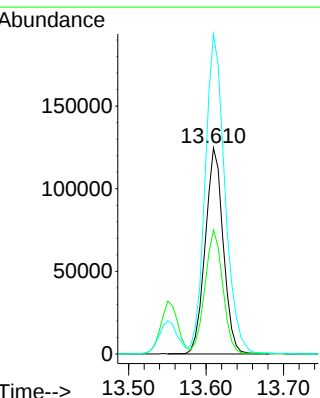
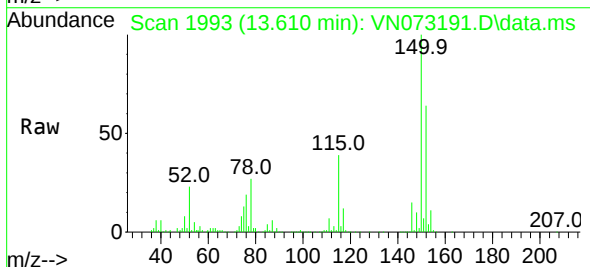
Tgt Ion:152 Resp: 201222

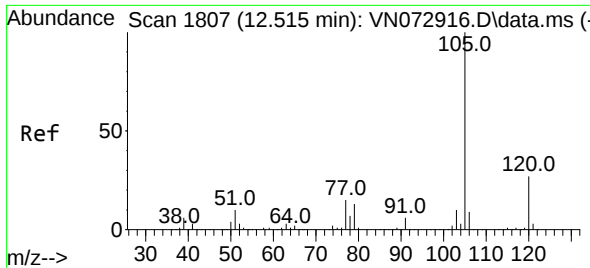
Ion Ratio Lower Upper

152 100

115 59.8 28.9 86.7

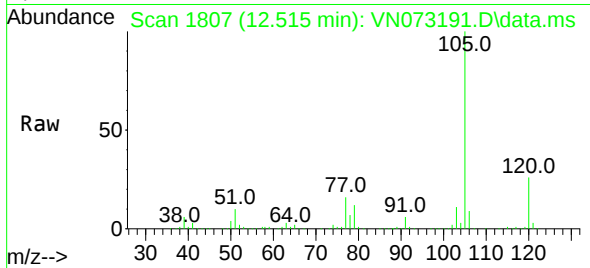
150 170.2 0.0 356.2





#73
Isopropylbenzene
Concen: 49.477 ug/l
RT: 12.515 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

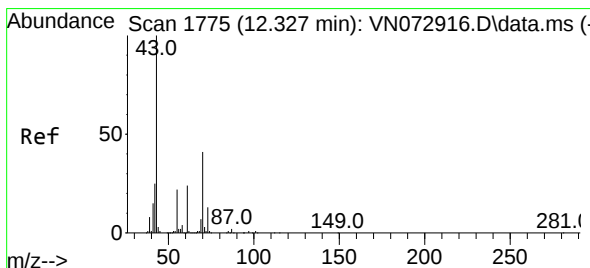
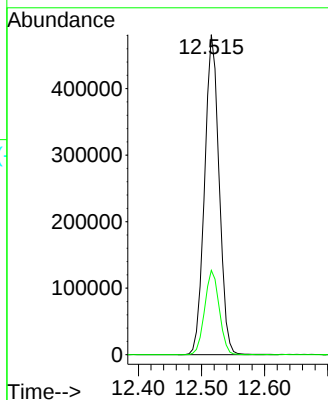
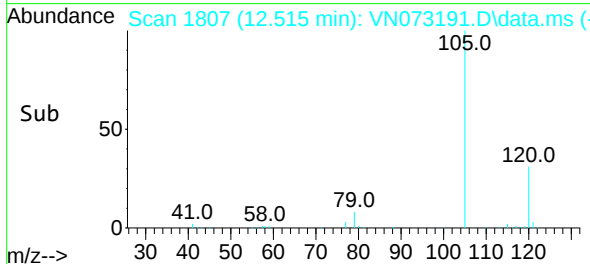
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



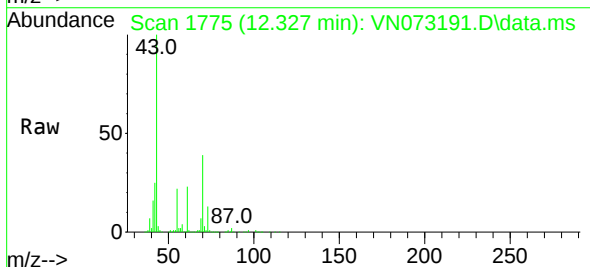
Tgt Ion:105 Resp: 77021
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.4

Manual Integrations
APPROVED

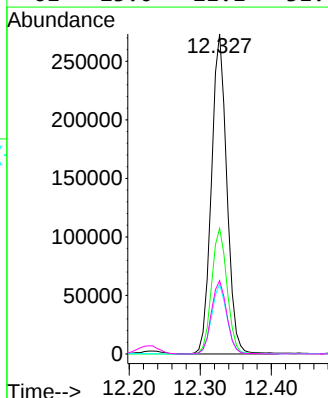
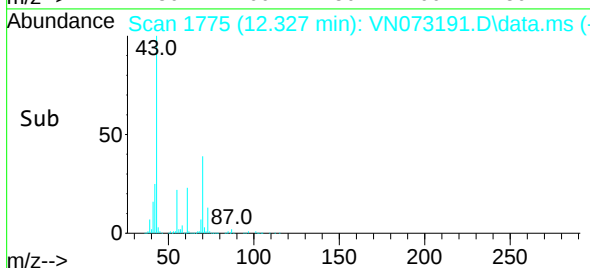
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022

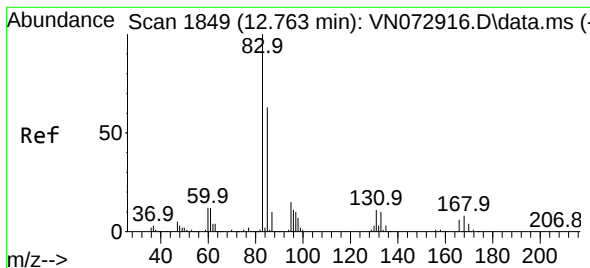


#74
N-ethyl acetate
Concen: 50.955 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13



Tgt Ion: 43 Resp: 411633
Ion Ratio Lower Upper
43 100
70 39.3 39.0 58.4
55 21.8 21.1 31.7
61 23.0 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 48.425 ug/l

RT: 12.768 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VN073191.D

Acq: 28 Jun 2022 04:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 27148

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.9

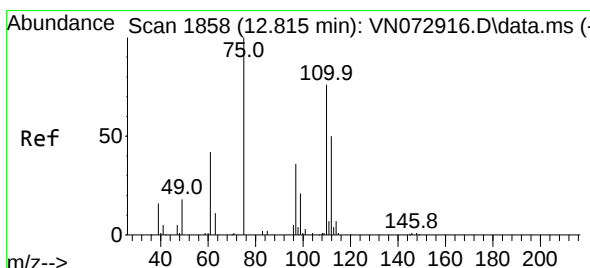
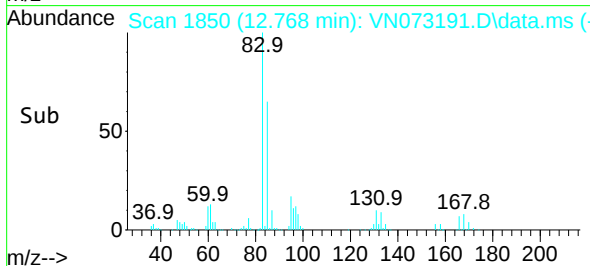
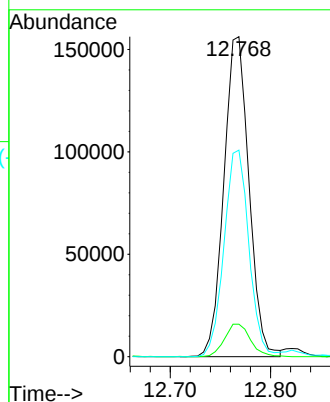
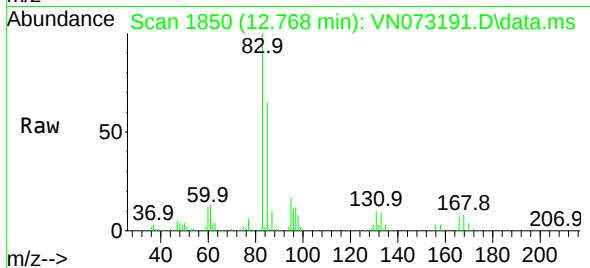
85 63.7 32.3 96.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/30/2022



#76

1,2,3-Trichloropropane

Concen: 45.889 ug/l m

RT: 12.821 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VN073191.D

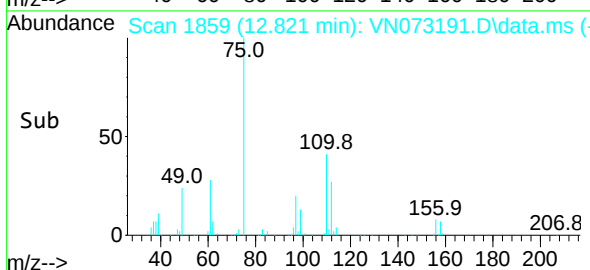
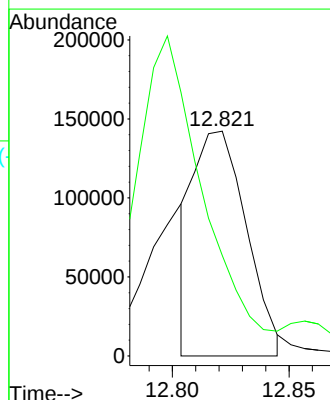
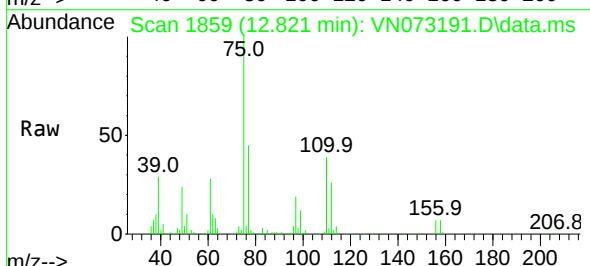
Acq: 28 Jun 2022 04:13

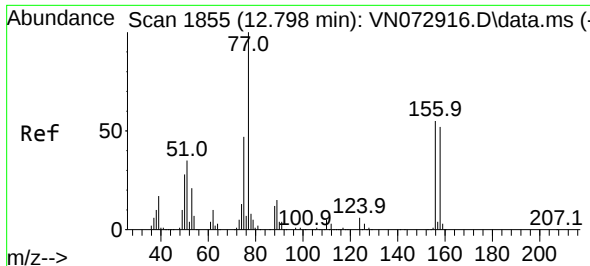
Tgt Ion: 75 Resp: 223876

Ion Ratio Lower Upper

75 100

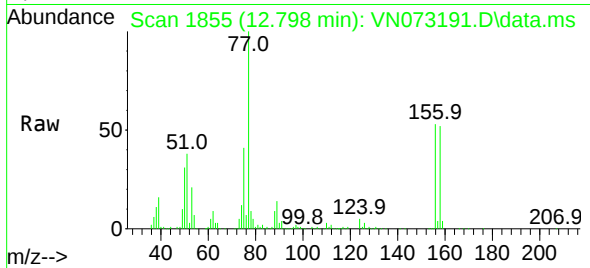
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 48.496 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

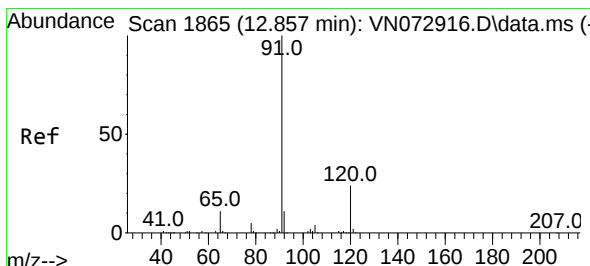
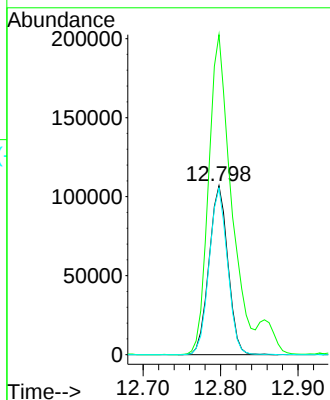
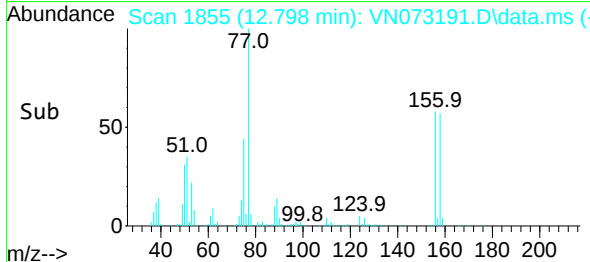
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 18085
Ion Ratio Lower Upper
156 100
77 227.1 100.5 301.5
158 96.1 48.9 146.6

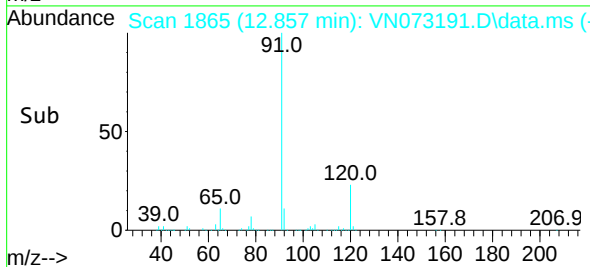
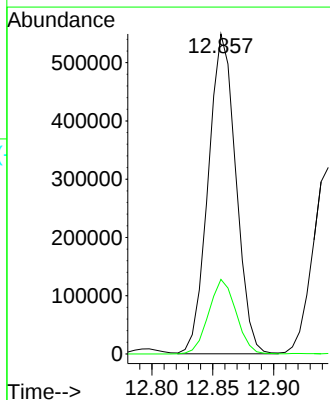
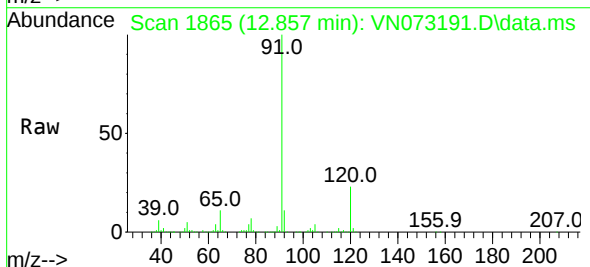
Manual Integrations
APPROVED

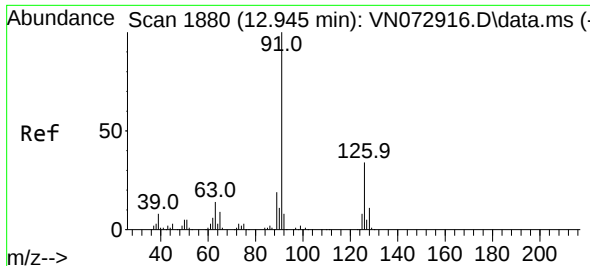
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#78
n-propylbenzene
Concen: 50.740 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

Tgt Ion: 91 Resp: 868817
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.5





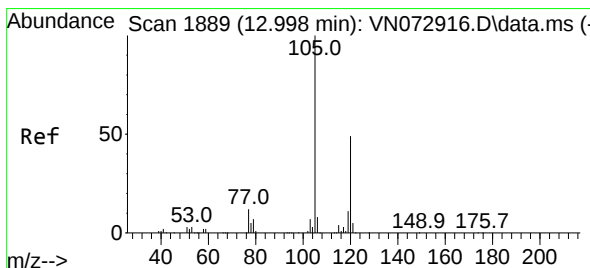
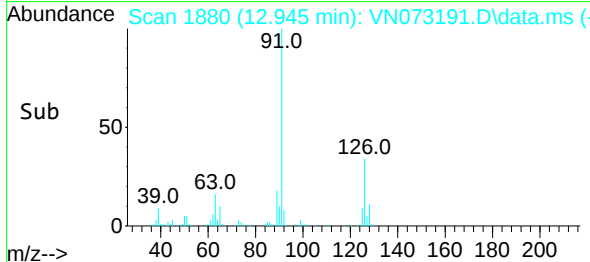
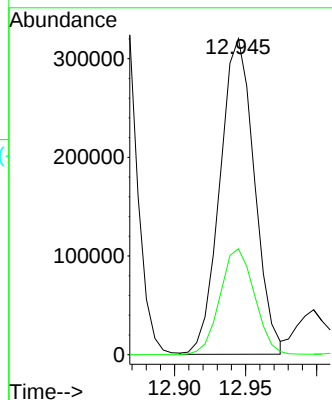
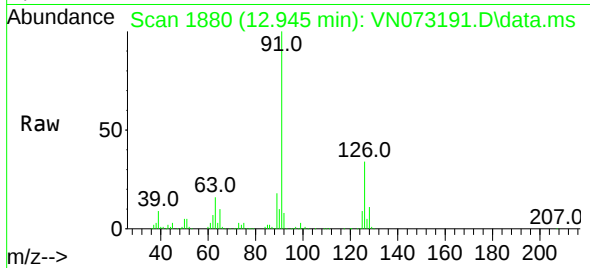
#79
2-Chlorotoluene
Concen: 48.734 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 540364
Ion Ratio Lower Upper
91 100
126 33.6 17.3 51.9

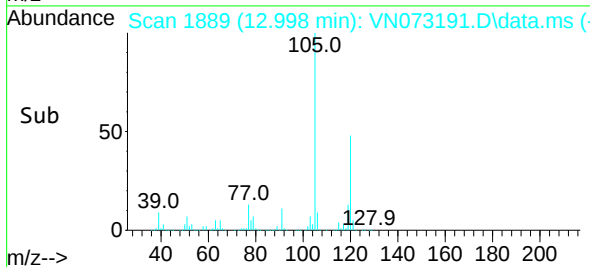
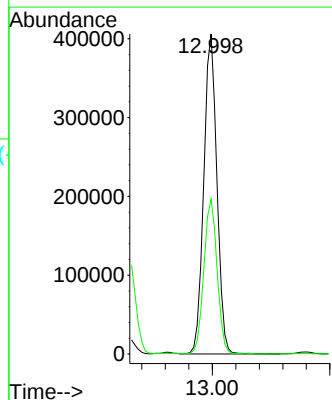
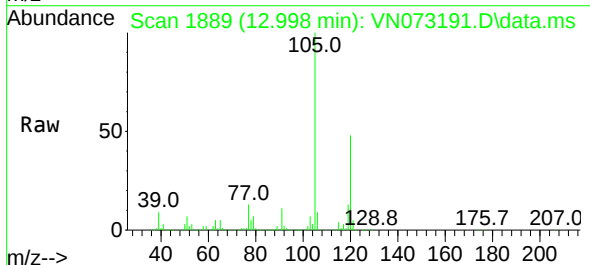
Manual Integrations
APPROVED

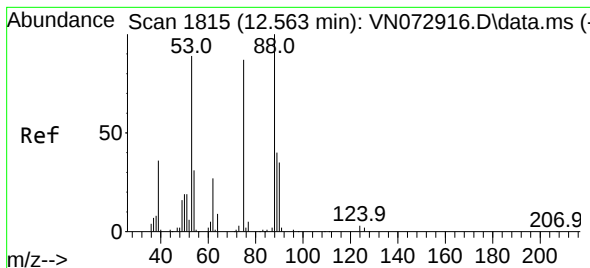
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#80
1,3,5-Trimethylbenzene
Concen: 49.303 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

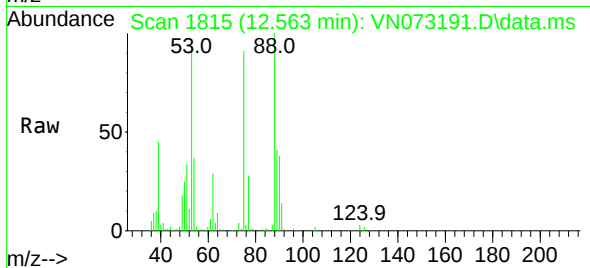
Tgt Ion:105 Resp: 630444
Ion Ratio Lower Upper
105 100
120 48.6 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 43.369 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

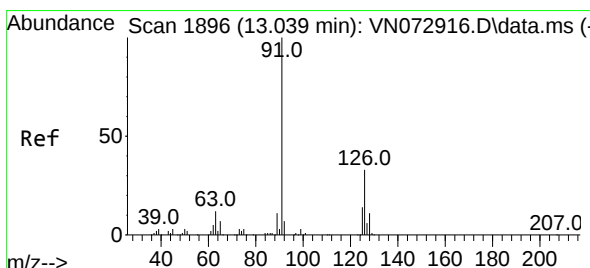
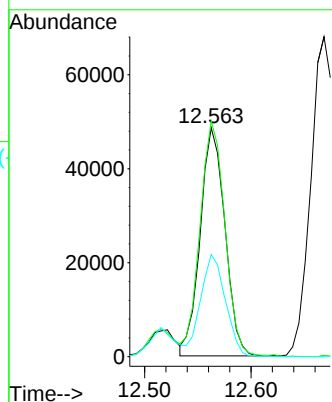
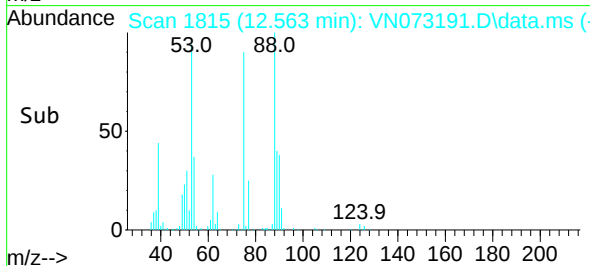
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



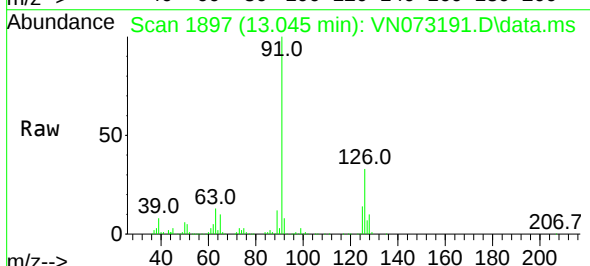
Tgt Ion: 75 Resp: 78345
Ion Ratio Lower Upper
75 100
53 105.0 78.0 117.0
89 44.7 37.2 55.8

Manual Integrations
APPROVED

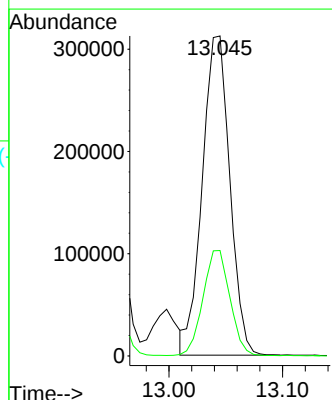
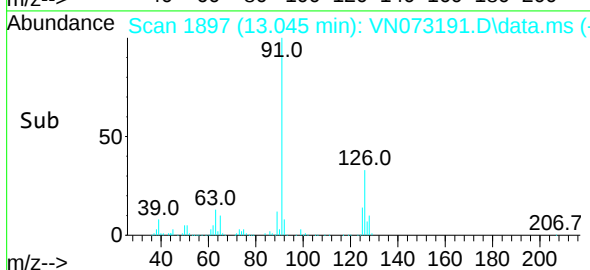
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#82
4-Chlorotoluene
Concen: 50.184 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13



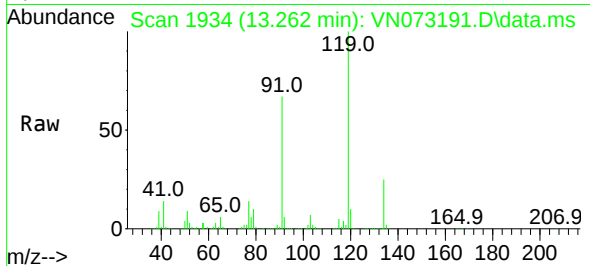
Tgt Ion: 91 Resp: 526466
Ion Ratio Lower Upper
91 100
126 32.2 17.2 51.6





#83
tert-Butylbenzene
Concen: 49.173 ug/l
RT: 13.262 min Scan# 1933
Delta R.T. 0.006 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

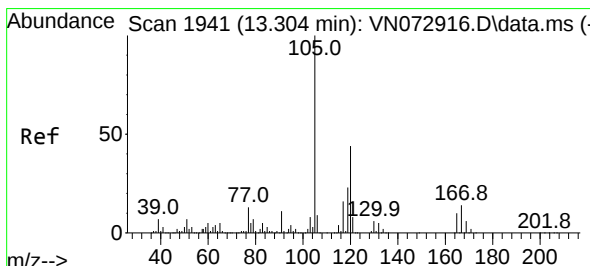
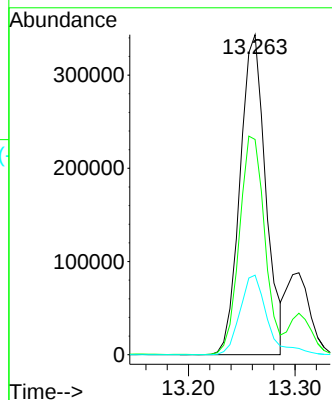
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 57586
Ion Ratio Lower Upper
119 100
91 67.4 31.6 94.8
134 26.4 13.7 41.1

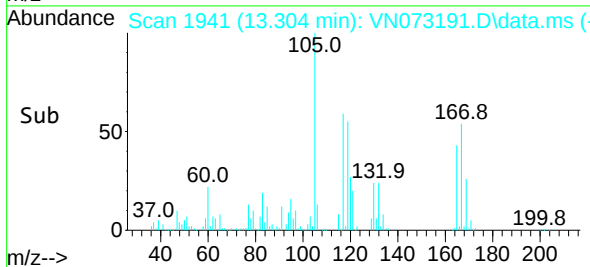
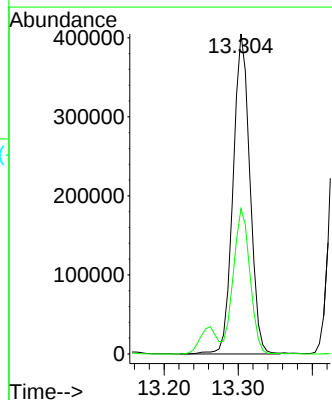
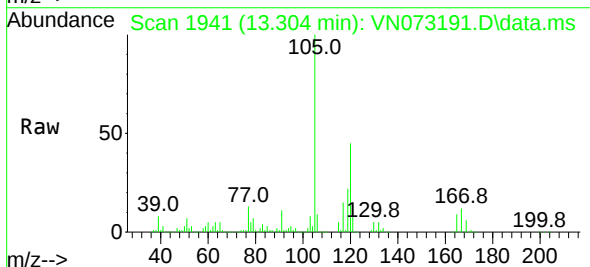
Manual Integrations
APPROVED

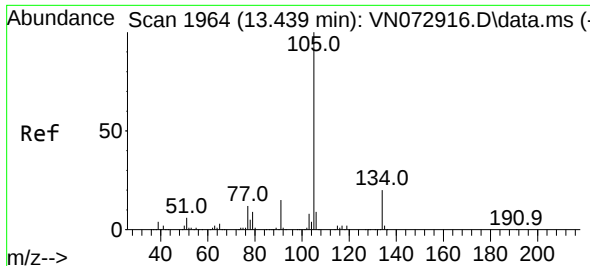
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#84
1,2,4-Trimethylbenzene
Concen: 50.027 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

Tgt Ion:105 Resp: 637153
Ion Ratio Lower Upper
105 100
120 45.2 23.3 69.8





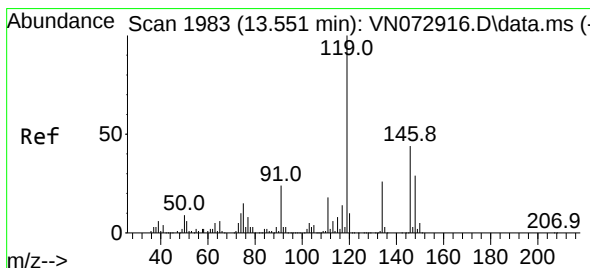
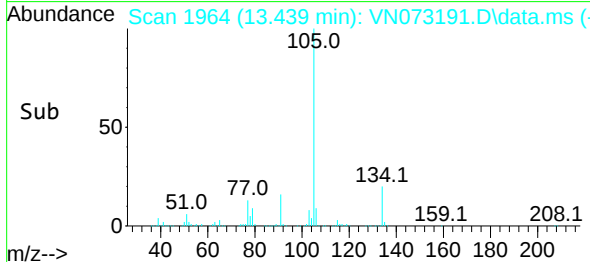
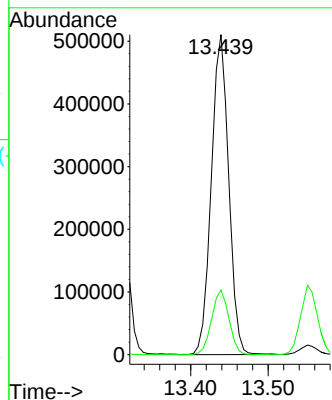
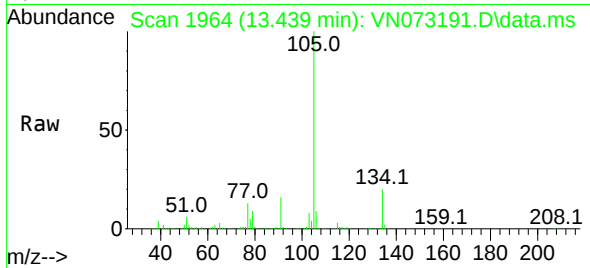
#85
 sec-Butylbenzene
 Concen: 50.766 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073191.D
 Acq: 28 Jun 2022 04:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 79308
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1

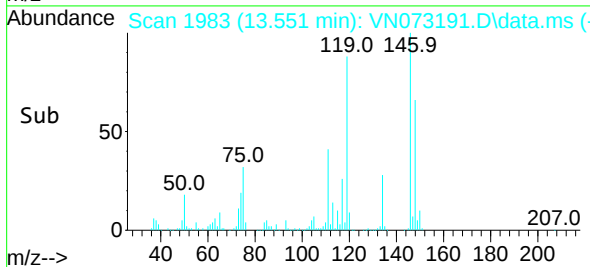
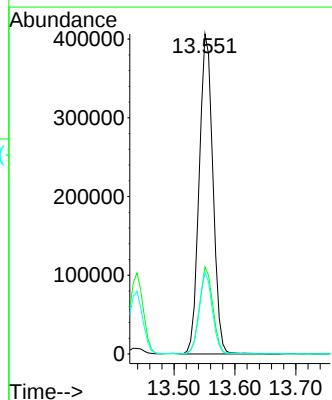
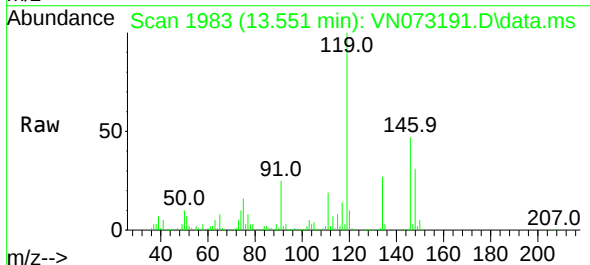
Manual Integrations
 APPROVED

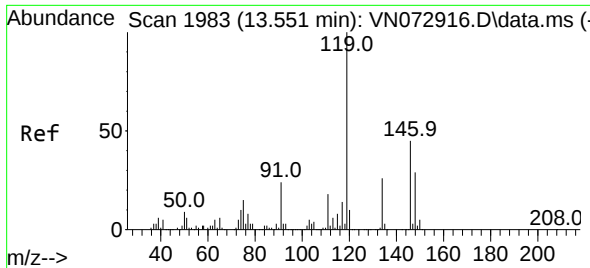
Reviewed By :John Carlone 06/28/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#86
 p-Isopropyltoluene
 Concen: 50.359 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN073191.D
 Acq: 28 Jun 2022 04:13

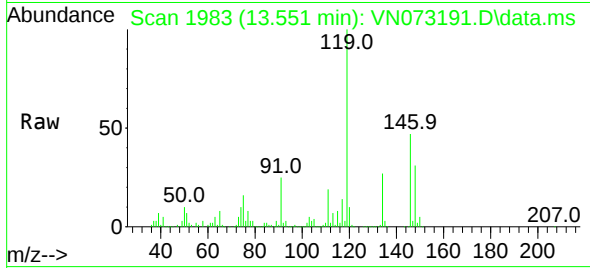
Tgt Ion:119 Resp: 636941
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 24.2 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 48.481 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

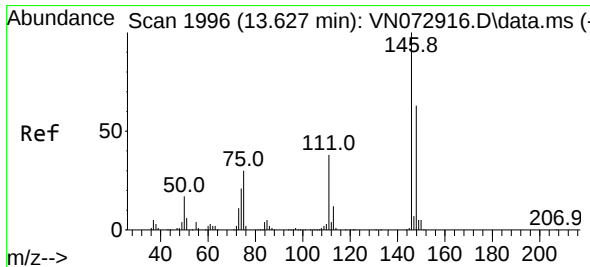
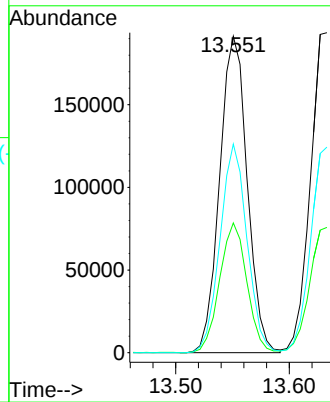
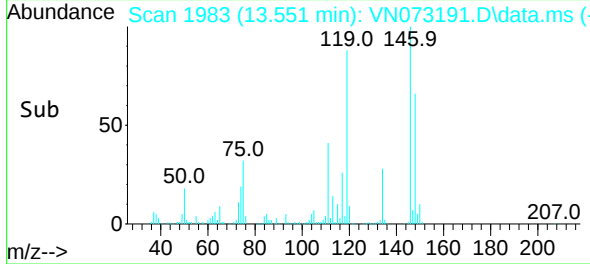
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



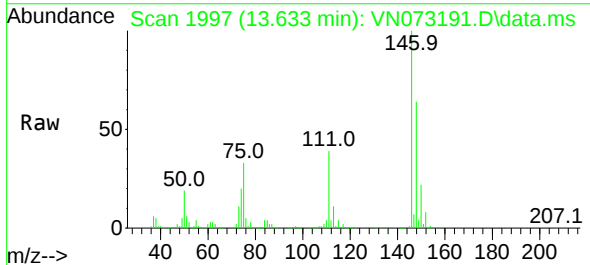
Tgt Ion:146 Resp: 32279
Ion Ratio Lower Upper
146 100
111 40.4 20.0 60.0
148 64.6 32.0 96.0

Manual Integrations
APPROVED

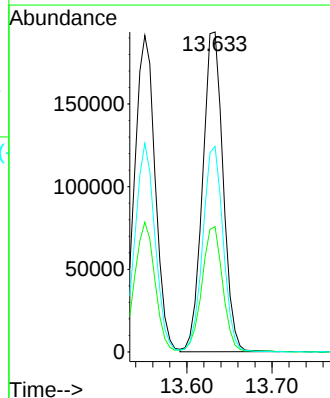
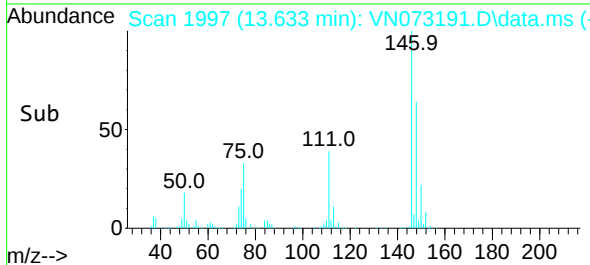
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022

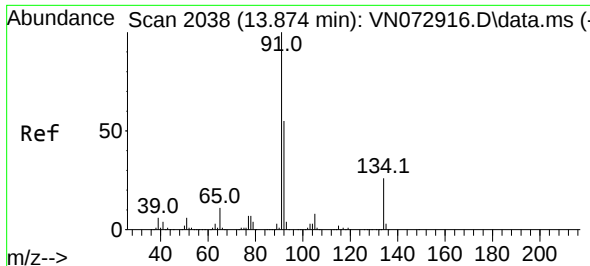


#88
1,4-Dichlorobenzene
Concen: 48.011 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.006 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13



Tgt Ion:146 Resp: 323539
Ion Ratio Lower Upper
146 100
111 39.4 19.1 57.1
148 64.2 31.4 94.3





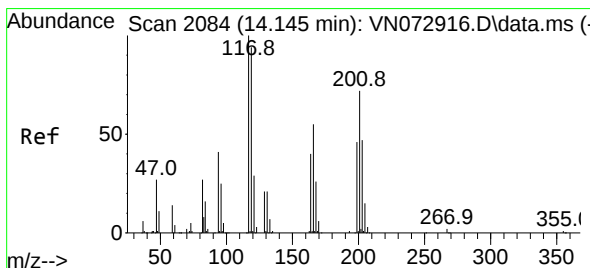
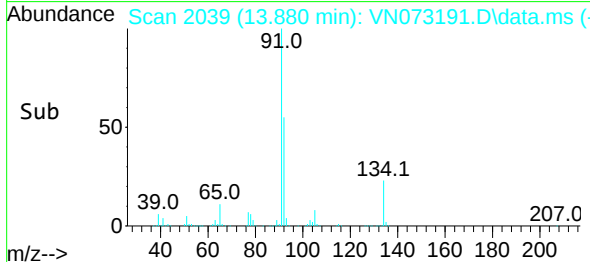
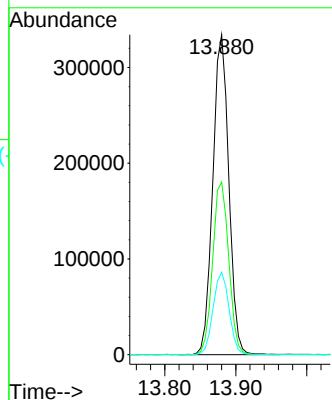
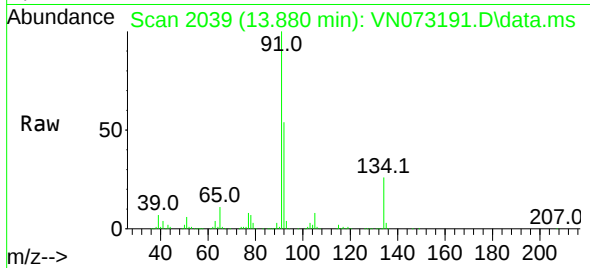
#89
n-Butylbenzene
Concen: 50.617 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 52275
Ion Ratio Lower Upper
91 100
92 54.3 26.9 80.7
134 25.8 13.6 40.8

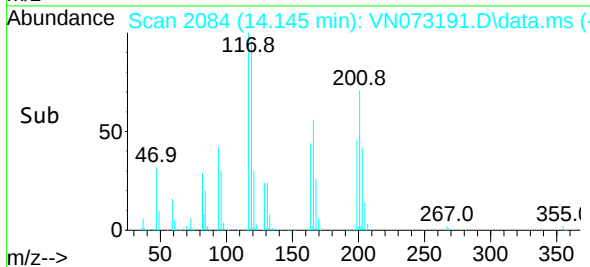
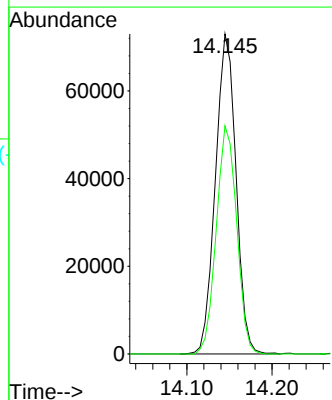
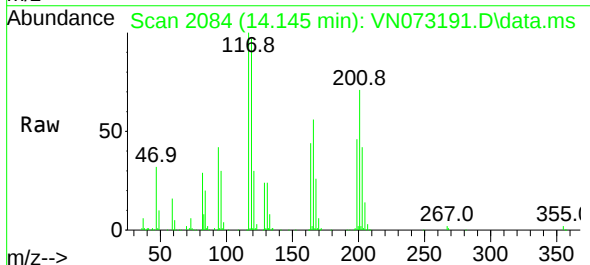
Manual Integrations
APPROVED

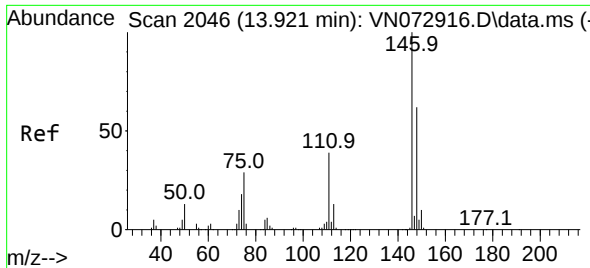
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#90
Hexachloroethane
Concen: 51.447 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

Tgt Ion:117 Resp: 122673
Ion Ratio Lower Upper
117 100
201 70.7 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 48.885 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

Instrument :

MSVOA_N

ClientSampleId :

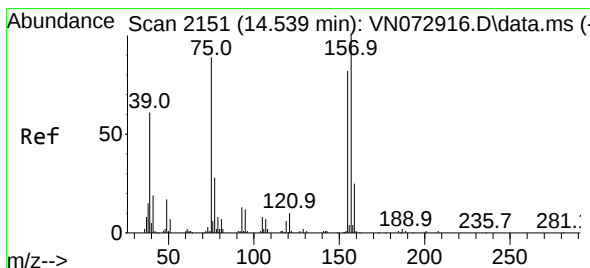
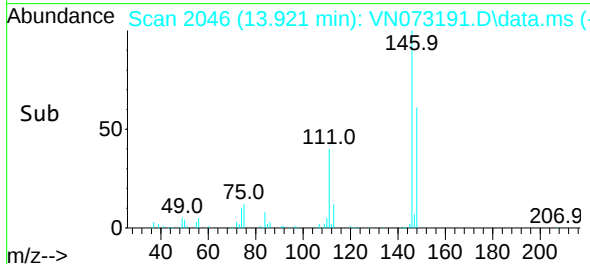
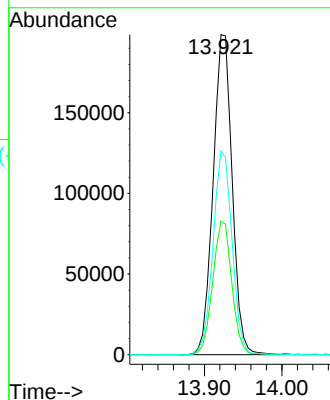
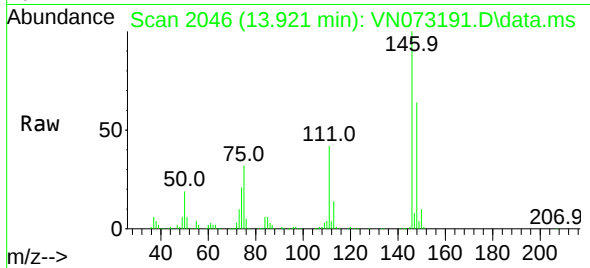
VSTDCCC050EC

Tgt Ion:146 Resp: 33943
Ion Ratio Lower Upper
146 100
111 41.8 20.9 62.8
148 63.9 32.1 96.3

Manual Integrations

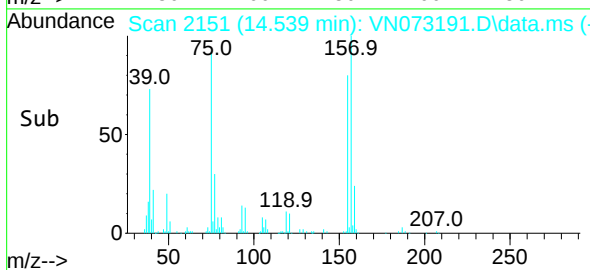
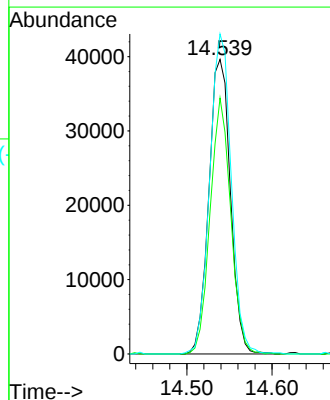
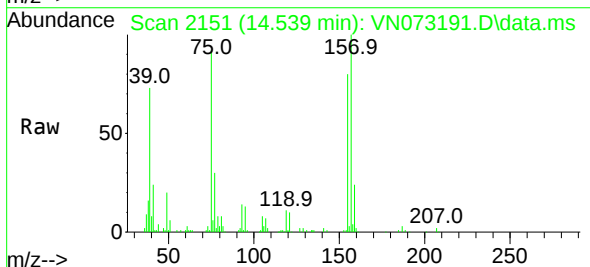
APPROVED

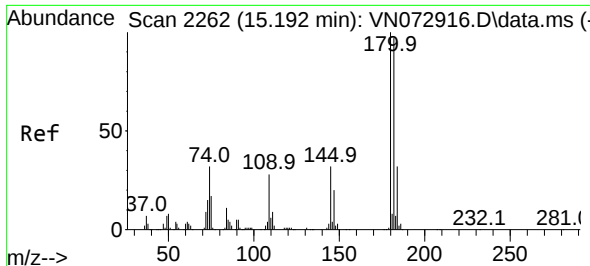
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.287 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

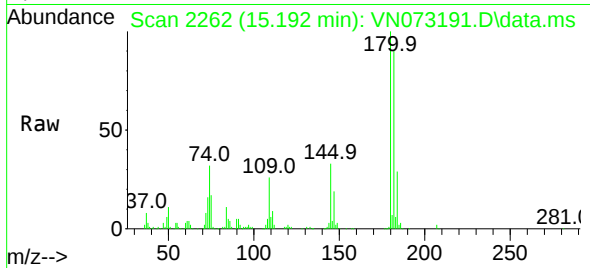
Tgt Ion: 75 Resp: 69683
Ion Ratio Lower Upper
75 100
155 82.8 44.9 134.5
157 108.6 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 46.916 ug/l
RT: 15.192 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13

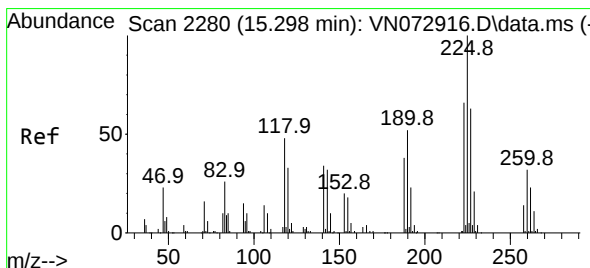
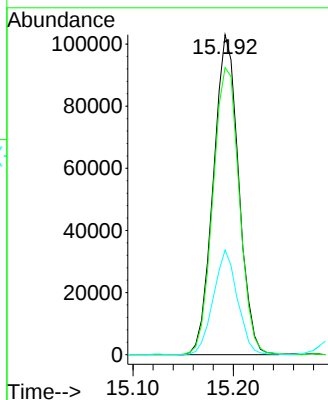
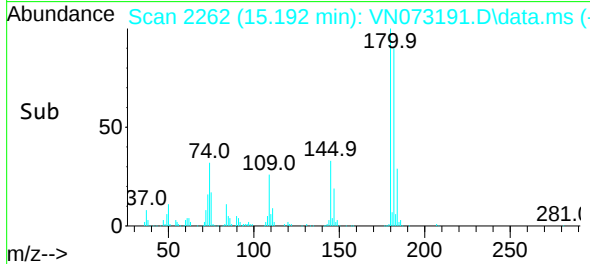
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



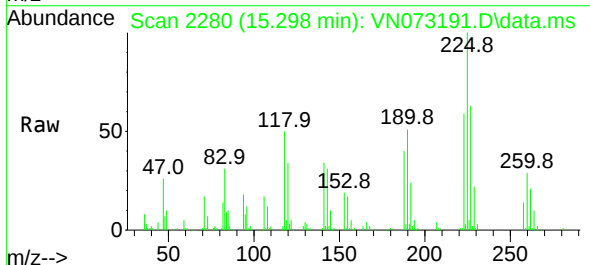
Tgt Ion:180 Resp: 18028
Ion Ratio Lower Upper
180 100
182 93.5 47.5 142.5
145 31.2 14.5 43.5

Manual Integrations
APPROVED

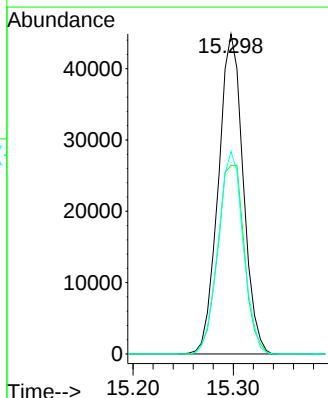
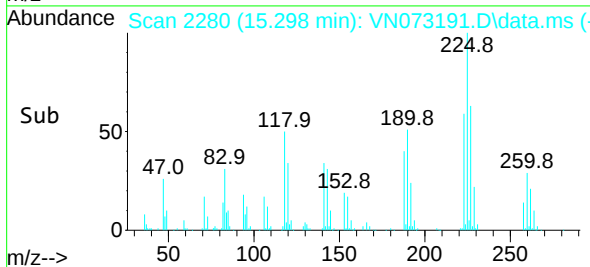
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022

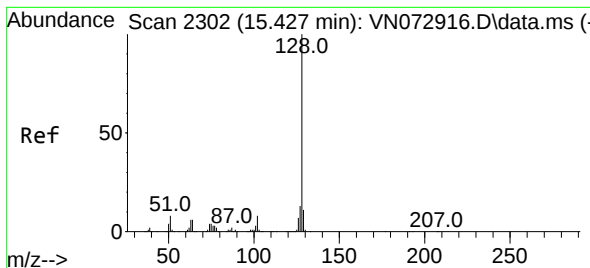


#94
Hexachlorobutadiene
Concen: 46.049 ug/l
RT: 15.298 min Scan# 2280
Delta R.T. 0.000 min
Lab File: VN073191.D
Acq: 28 Jun 2022 04:13



Tgt Ion:225 Resp: 77003
Ion Ratio Lower Upper
225 100
223 63.5 32.4 97.2
227 64.0 31.8 95.4





#95

Naphthalene

Concen: 47.375 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN073191.D

Acq: 28 Jun 2022 04:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

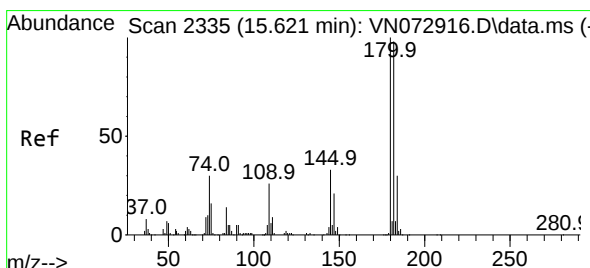
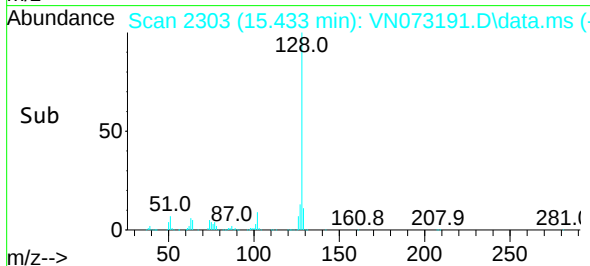
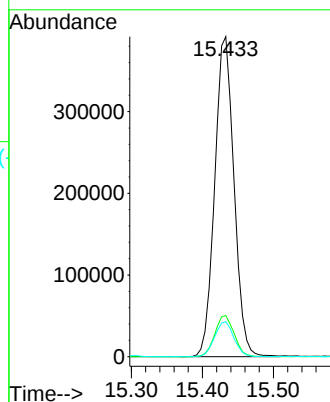
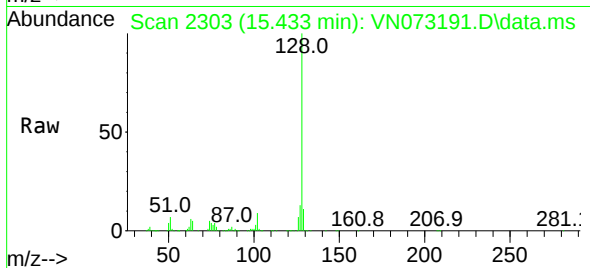
Tgt Ion:128 Resp: 736439
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.3 15.5
 129 11.0 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/30/2022



#96

1,2,3-Trichlorobenzene

Concen: 46.035 ug/l

RT: 15.621 min Scan# 2335

Delta R.T. 0.000 min

Lab File: VN073191.D

Acq: 28 Jun 2022 04:13

Tgt Ion:180 Resp: 188901
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.8 143.3
 145 33.0 15.5 46.5

