

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
 Data File : VN073173.D
 Acq On : 27 Jun 2022 19:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 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 06:39:34 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	266964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	462634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	414658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	196880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	192508	53.337	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.680%			
35) Dibromofluoromethane	7.951	113	151717	53.057	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.120%			
50) Toluene-d8	10.380	98	569454	53.519	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.040%			
62) 4-Bromofluorobenzene	12.669	95	216735	56.647	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	121455	47.783	ug/l	99
3) Chloromethane	2.269	50	124353	45.563	ug/l	98
4) Vinyl Chloride	2.405	62	109639	48.098	ug/l	94
5) Bromomethane	2.781	94	38335	42.721	ug/l	95
6) Chloroethane	2.952	64	70362	49.338	ug/l	100
7) Trichlorofluoromethane	3.310	101	219372	59.096	ug/l	98
8) Diethyl Ether	3.763	74	101027	52.734	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.146	101	131142	51.108	ug/l	97
10) Methyl Iodide	4.346	142	135136	45.947	ug/l	95
11) Tert butyl alcohol	5.293	59	239338	256.711	ug/l	100
12) 1,1-Dichloroethene	4.110	96	125912	49.262	ug/l	95
13) Acrolein	3.981	56	76212	207.555	ug/l	99
14) Allyl chloride	4.763	41	270363	49.509	ug/l #	95
15) Acrylonitrile	5.475	53	593550	276.172	ug/l	99
16) Acetone	4.222	43	535607	269.963	ug/l	97
17) Carbon Disulfide	4.457	76	250623	38.270	ug/l	100
18) Methyl Acetate	4.775	43	312010	59.056	ug/l	90
19) Methyl tert-butyl Ether	5.534	73	542537	56.519	ug/l	98
20) Methylene Chloride	5.016	84	159169	51.731	ug/l	92
21) trans-1,2-Dichloroethene	5.510	96	130913	47.086	ug/l	95
22) Diisopropyl ether	6.416	45	576836	56.662	ug/l	96
23) Vinyl Acetate	6.351	43	2512323	267.339	ug/l	94
24) 1,1-Dichloroethane	6.304	63	291541	54.624	ug/l	99
25) 2-Butanone	7.263	43	858907	272.816	ug/l	91
26) 2,2-Dichloropropane	7.251	77	184399	41.523	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	172646	51.975	ug/l	100
28) Bromochloromethane	7.587	49	120400	54.546	ug/l	86
29) Tetrahydrofuran	7.610	42	569044	273.709	ug/l	88
30) Chloroform	7.745	83	296461	54.868	ug/l	99
31) Cyclohexane	8.022	56	225854	46.260	ug/l	89
32) 1,1,1-Trichloroethane	7.939	97	255923	53.975	ug/l	100
36) 1,1-Dichloropropene	8.151	75	194111	50.168	ug/l	98
37) Ethyl Acetate	7.340	43	335975	54.287	ug/l	95
38) Carbon Tetrachloride	8.134	117	206116	50.644	ug/l	95
39) Methylcyclohexane	9.392	83	221624	47.521	ug/l	95
40) Benzene	8.392	78	627047	51.566	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	168441	57.394	ug/l #	85
42) 1,2-Dichloroethane	8.463	62	234939	54.396	ug/l	99
43) Isopropyl Acetate	8.492	43	501476	56.685	ug/l	94
44) Trichloroethene	9.151	130	160720	52.155	ug/l	94
45) 1,2-Dichloropropane	9.428	63	167945	54.032	ug/l	99
46) Dibromomethane	9.516	93	112319	53.442	ug/l	94
47) Bromodichloromethane	9.698	83	234378	56.114	ug/l	97
48) Methyl methacrylate	9.492	41	221023	54.721	ug/l	91
49) 1,4-Dioxane	9.504	88	91348	1005.130	ug/l #	92
51) 4-Methyl-2-Pentanone	10.269	43	1666647	288.898	ug/l	91
52) Toluene	10.439	92	391995	52.507	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	247964	55.202	ug/l	97
54) cis-1,3-Dichloropropene	10.128	75	259094	52.805	ug/l #	89
55) 1,1,2-Trichloroethane	10.839	97	173515	52.933	ug/l	97
56) Ethyl methacrylate	10.698	69	299395	56.983	ug/l	88
57) 1,3-Dichloropropane	10.980	76	293530	53.974	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	713502	307.591	ug/l	96
59) 2-Hexanone	11.022	43	1284840	287.953	ug/l	90
60) Dibromochloromethane	11.175	129	179431	57.918	ug/l	98
61) 1,2-Dibromoethane	11.286	107	176333	54.566	ug/l	99
64) Tetrachloroethene	10.910	164	146623	58.125	ug/l	96
65) Chlorobenzene	11.710	112	427779	52.825	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	164806	53.470	ug/l	99
67) Ethyl Benzene	11.780	91	775373	54.391	ug/l	98
68) m/p-Xylenes	11.892	106	582832	104.240	ug/l	96
69) o-Xylene	12.216	106	299842	53.668	ug/l	96
70) Styrene	12.233	104	493414	54.994	ug/l	99
71) Bromoform	12.398	173	134886	58.041	ug/l #	99
73) Isopropylbenzene	12.516	105	789768	51.852	ug/l	99
74) N-amyl acetate	12.327	43	415192	52.529	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.769	83	272564	49.690	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	234597m	49.147	ug/l	
77) Bromobenzene	12.798	156	181727	49.804	ug/l	87
78) n-propylbenzene	12.857	91	895634	53.460	ug/l	97
79) 2-Chlorotoluene	12.945	91	554775	51.137	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	647528	51.756	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	87164	49.315	ug/l	94
82) 4-Chlorotoluene	13.039	91	530634	51.697	ug/l	98
83) tert-Butylbenzene	13.263	119	590982	51.577	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	648349	52.029	ug/l	99
85) sec-Butylbenzene	13.439	105	815459	53.350	ug/l	99
86) p-Isopropyltoluene	13.551	119	653251	52.787	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	335335	51.476	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	330685	50.154	ug/l	98
89) n-Butylbenzene	13.880	91	550123	54.441	ug/l	99
90) Hexachloroethane	14.145	117	125789	53.917	ug/l	85
91) 1,2-Dichlorobenzene	13.921	146	347088	51.090	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	71911	51.989	ug/l	94
93) 1,2,4-Trichlorobenzene	15.192	180	193841	51.556	ug/l	98
94) Hexachlorobutadiene	15.298	225	80272	49.063	ug/l	99
95) Naphthalene	15.433	128	783685	51.526	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	201745	50.250	ug/l	98

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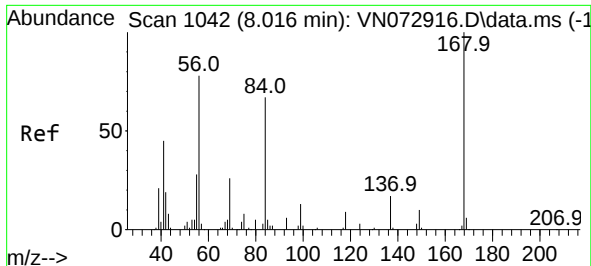
Manual Integrations
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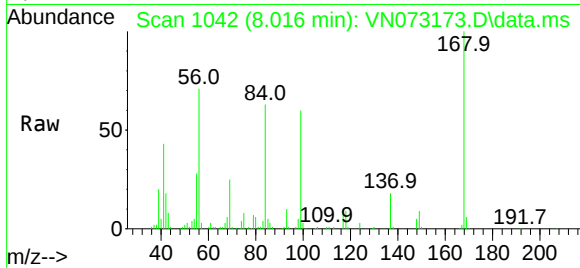
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073173.D
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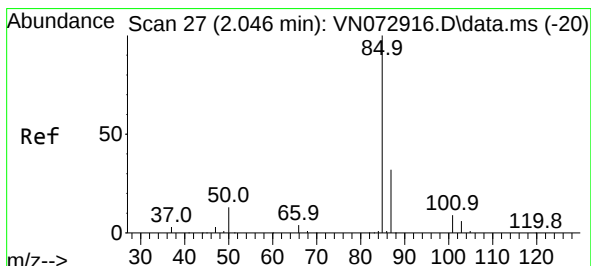
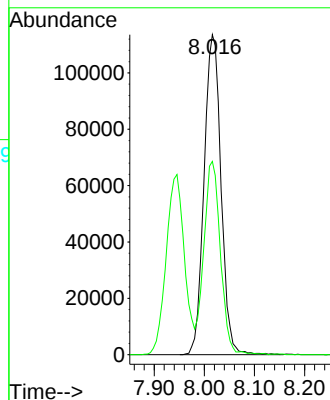
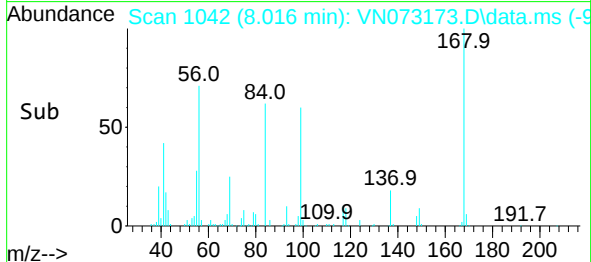
Instrument :
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VSTDCCC050EC



Tgt Ion:168 Resp: 266964
Ion Ratio Lower Upper
168 100
99 60.2 42.3 63.5

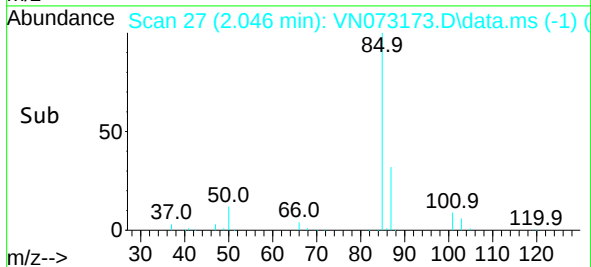
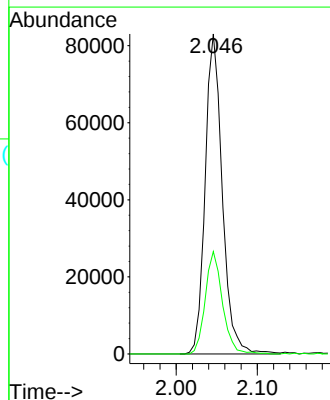
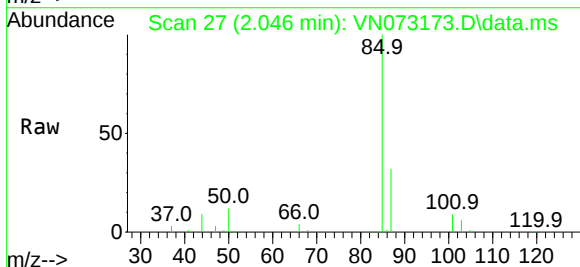
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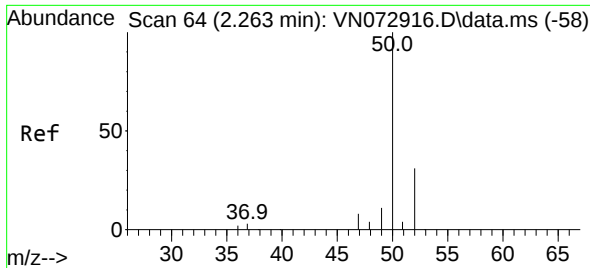
Reviewed By :John Carlone 06/28/2022
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#2
Dichlorodifluoromethane
Concen: 47.783 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

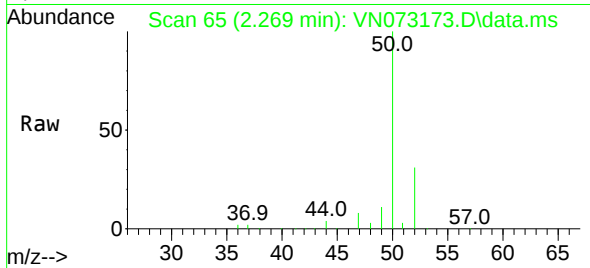
Tgt Ion: 85 Resp: 121455
Ion Ratio Lower Upper
85 100
87 32.0 15.7 47.1





#3
Chloromethane
Concen: 45.563 ug/l
RT: 2.269 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

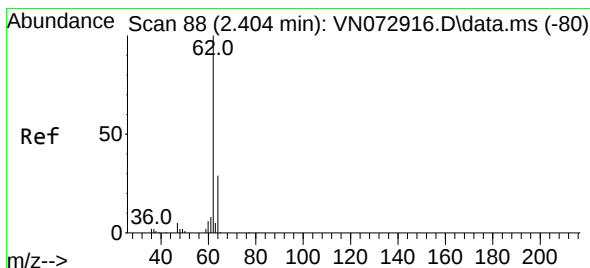
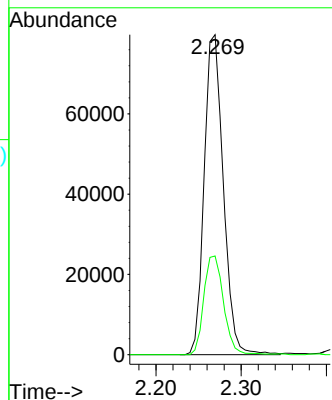
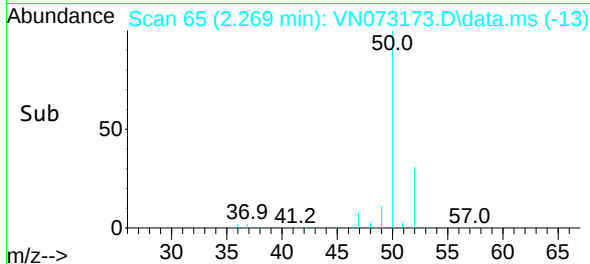
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Tgt Ion: 50 Resp: 12435
Ion Ratio Lower Upper
50 100
52 30.8 25.7 38.5

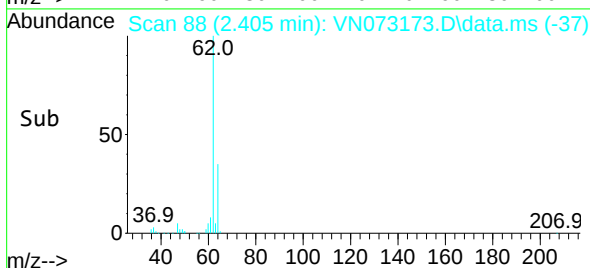
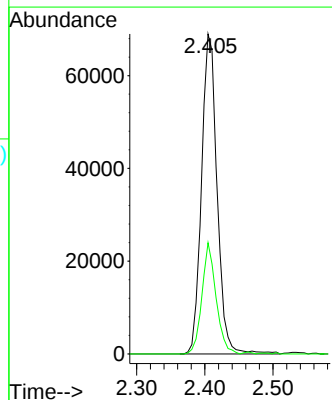
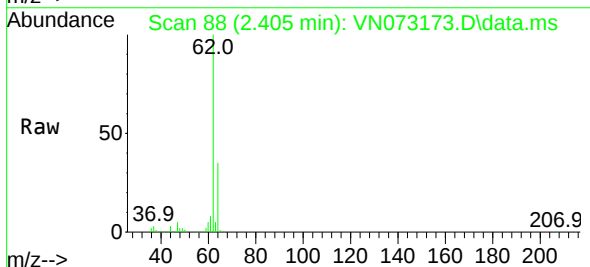
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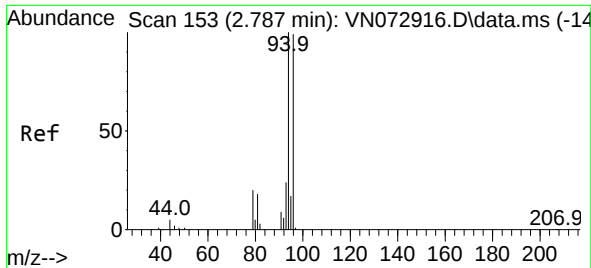
Reviewed By :John Carlone 06/28/2022
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#4
Vinyl Chloride
Concen: 48.098 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

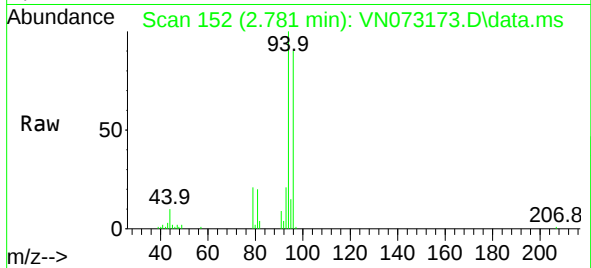
Tgt Ion: 62 Resp: 109639
Ion Ratio Lower Upper
62 100
64 34.7 25.0 37.4





#5
Bromomethane
Concen: 42.721 ug/l
RT: 2.781 min Scan# 153
Delta R.T. -0.006 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

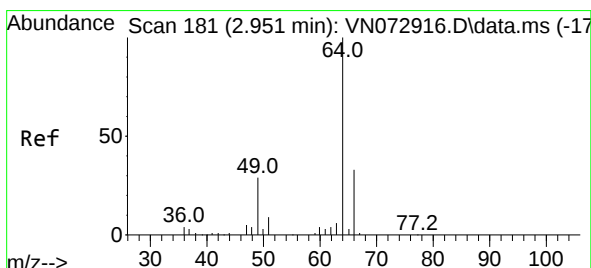
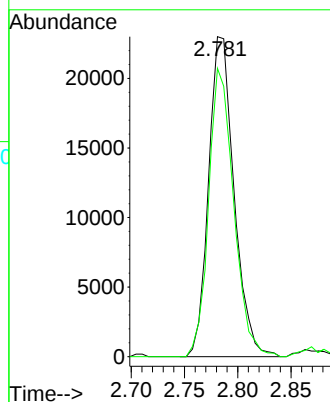
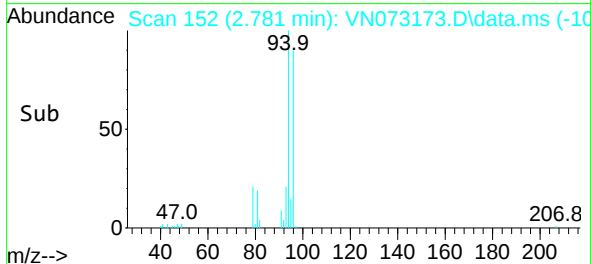
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Tgt Ion: 94 Resp: 3833
Ion Ratio Lower Upper
94 100
96 90.1 76.0 114.0

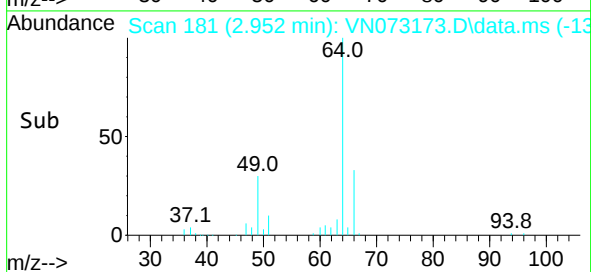
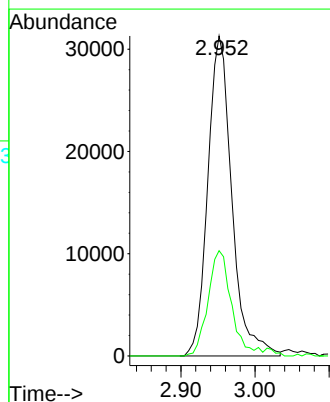
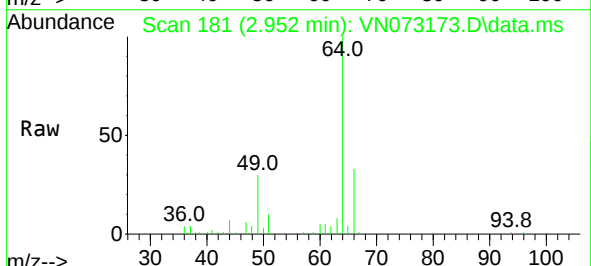
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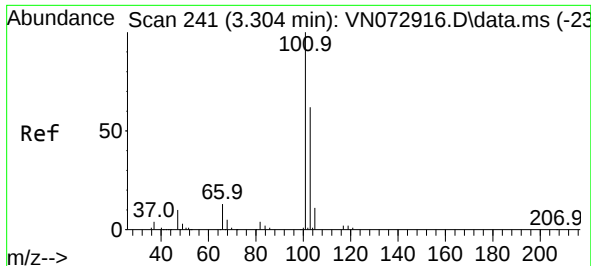
Reviewed By :John Carlone 06/28/2022
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#6
Chloroethane
Concen: 49.338 ug/l
RT: 2.952 min Scan# 181
Delta R.T. 0.000 min
Lab File: VN073173.D
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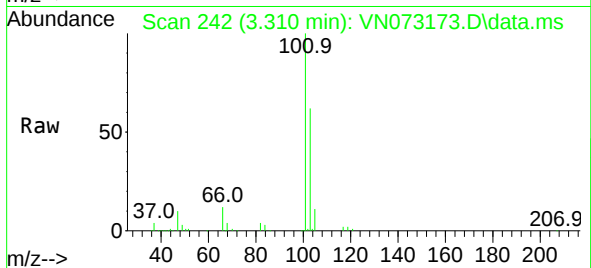
Tgt Ion: 64 Resp: 70362
Ion Ratio Lower Upper
64 100
66 32.9 26.2 39.4





#7
Trichlorofluoromethane
Concen: 59.096 ug/l
RT: 3.310 min Scan# 241
Delta R.T. 0.006 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

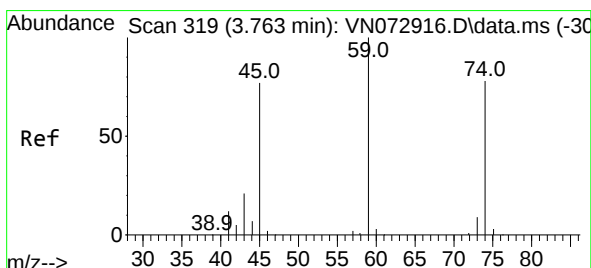
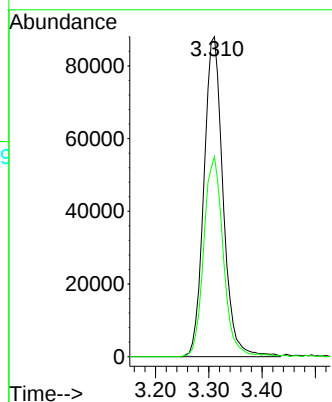
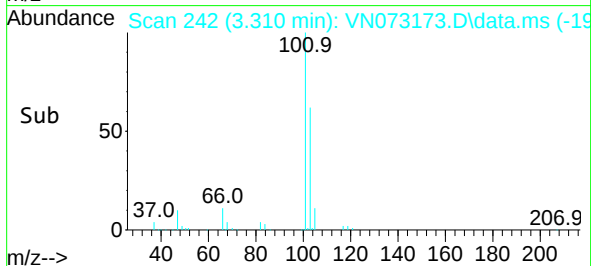
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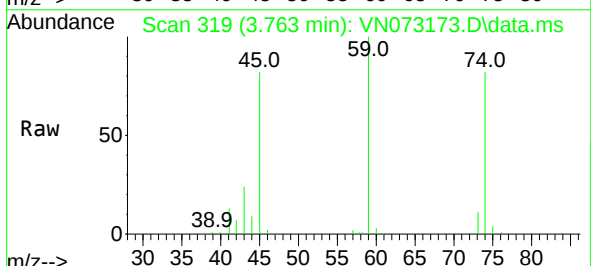
Tgt Ion:101 Resp: 219372
Ion Ratio Lower Upper
101 100
103 62.5 51.5 77.3

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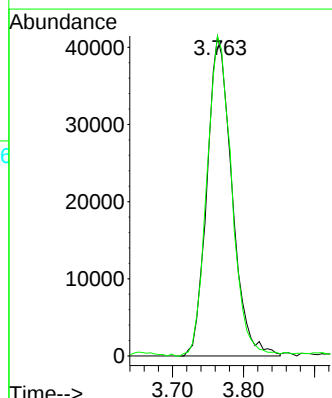
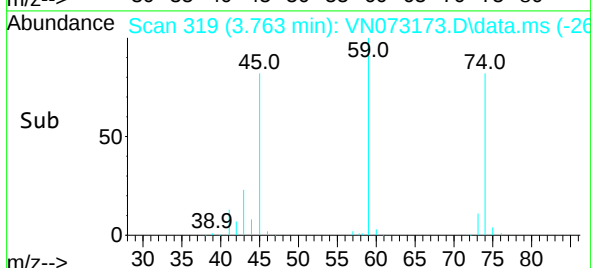
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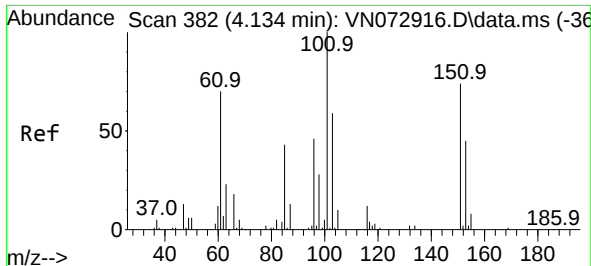


#8
Diethyl Ether
Concen: 52.734 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43



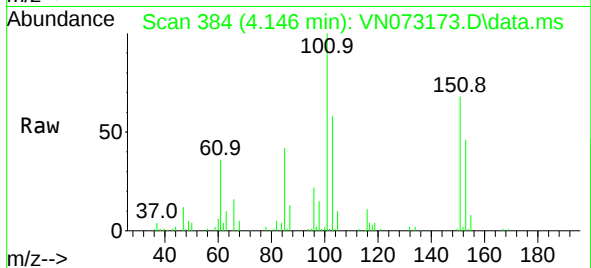
Tgt Ion: 74 Resp: 101027
Ion Ratio Lower Upper
74 100
45 99.4 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.108 ug/l
RT: 4.146 min Scan# 382
Delta R.T. 0.012 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

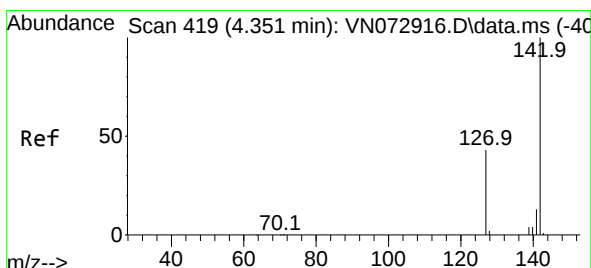
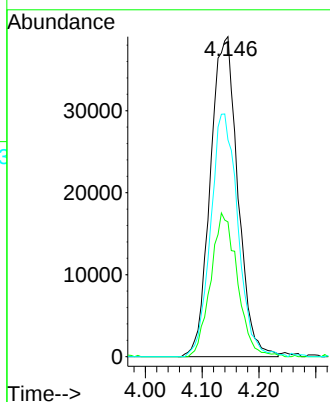
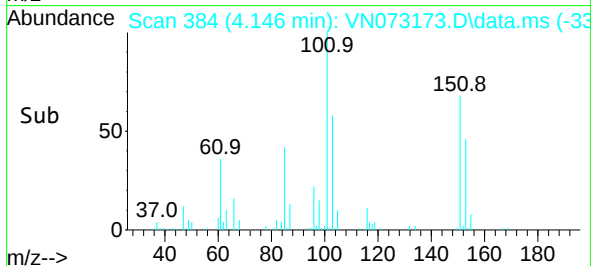
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 13114
Ion Ratio Lower Upper
101 100
85 43.6 34.7 52.1
151 75.4 63.0 94.4

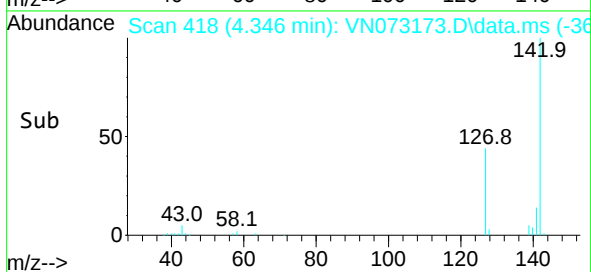
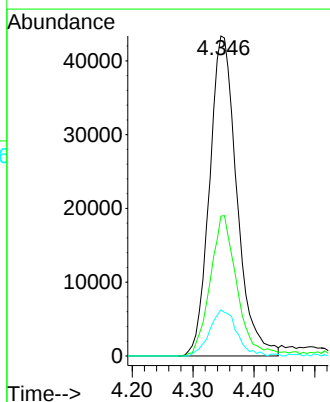
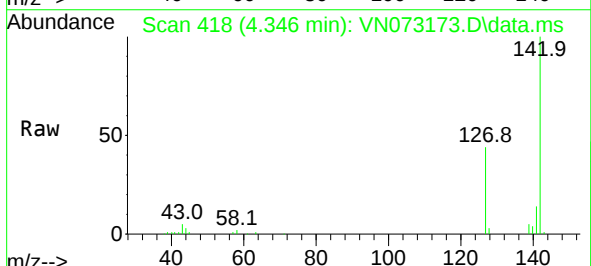
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 45.947 ug/l
RT: 4.346 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

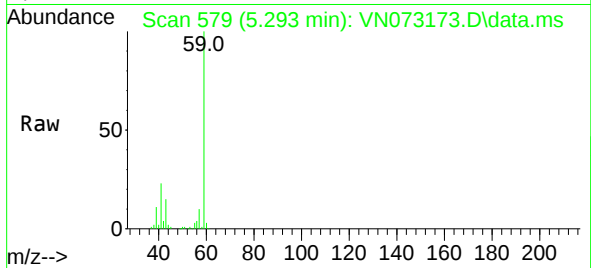
Tgt Ion:142 Resp: 135136
Ion Ratio Lower Upper
142 100
127 43.2 31.3 46.9
141 14.3 11.2 16.8





#11
Tert butyl alcohol
Concen: 256.711 ug/l
RT: 5.293 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

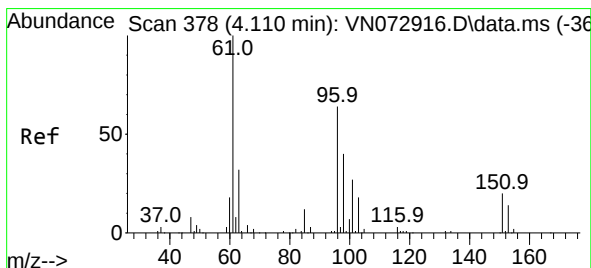
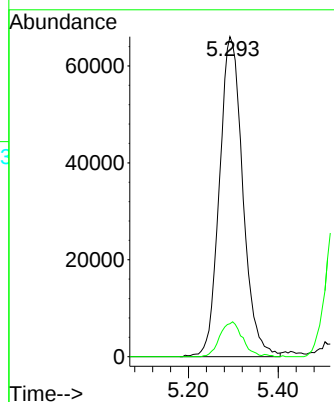
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 239338
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

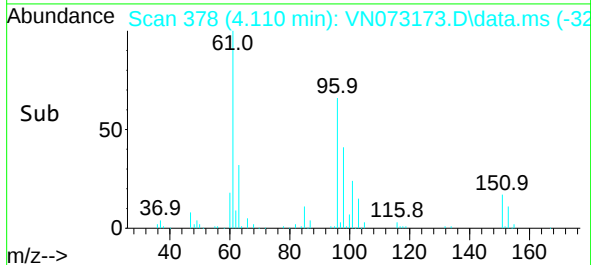
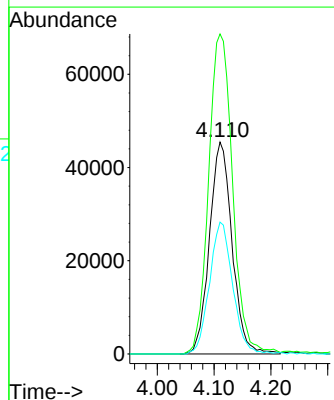
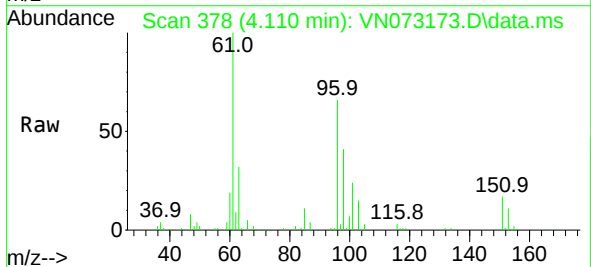
Manual Integrations
APPROVED

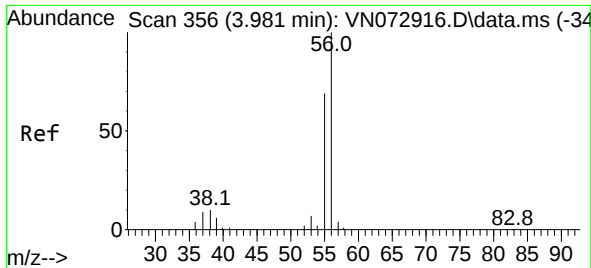
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#12
1,1-Dichloroethene
Concen: 49.262 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

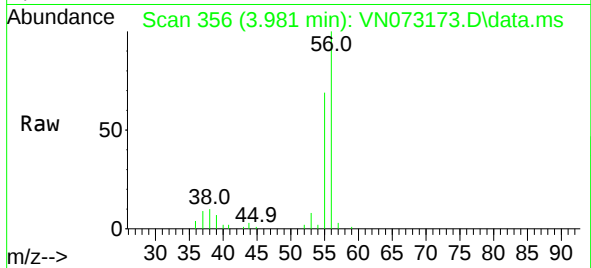
Tgt Ion: 96 Resp: 125912
Ion Ratio Lower Upper
96 100
61 151.0 127.6 191.4
98 62.2 51.2 76.8





#13
Acrolein
Concen: 207.555 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

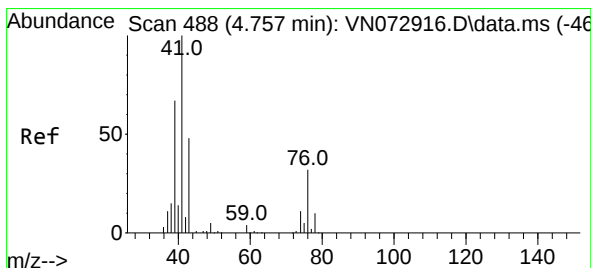
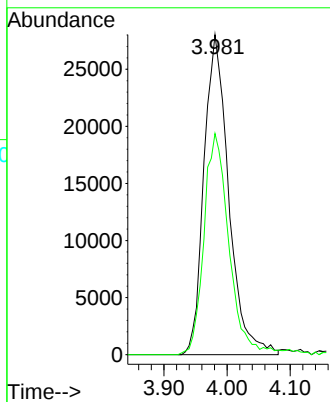
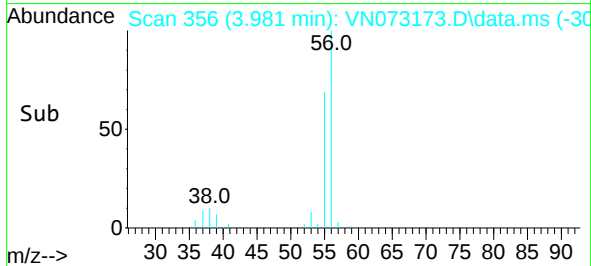
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



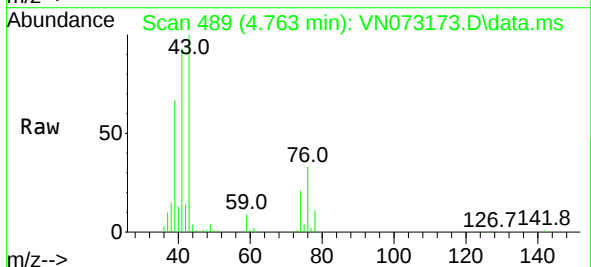
Tgt Ion: 56 Resp: 7621
Ion Ratio Lower Upper
56 100
55 69.7 54.8 82.2

Manual Integrations
APPROVED

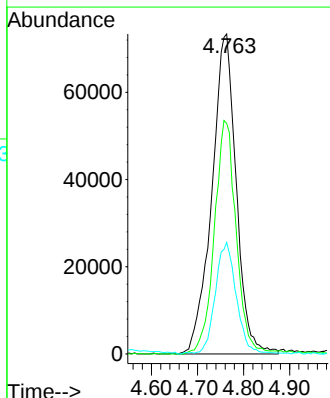
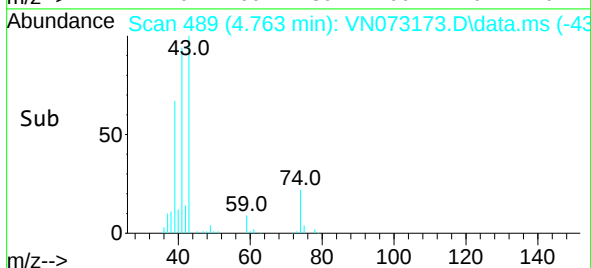
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#14
Allyl chloride
Concen: 49.509 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.006 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43



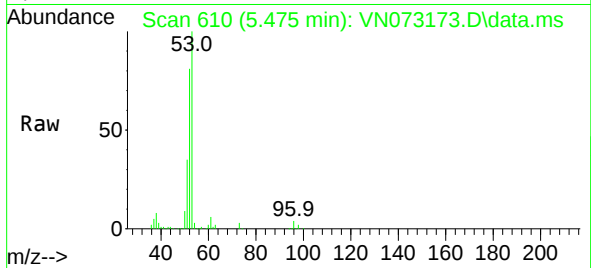
Tgt Ion: 41 Resp: 270363
Ion Ratio Lower Upper
41 100
39 65.3 53.2 79.8
76 29.9 29.9 44.9#





#15
Acrylonitrile
Concen: 276.172 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

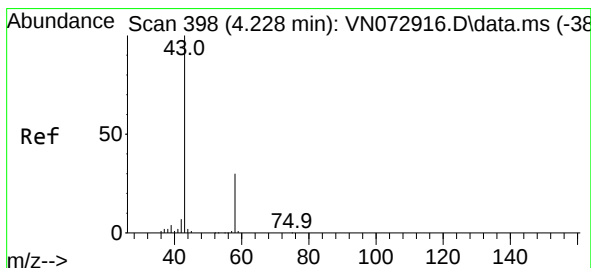
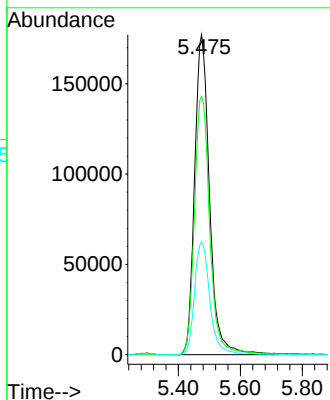
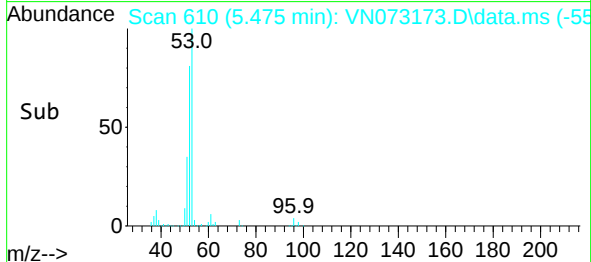
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 593550
Ion Ratio Lower Upper
53 100
52 81.4 66.4 99.6
51 36.0 28.5 42.7

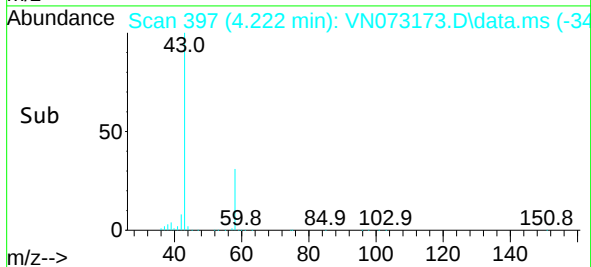
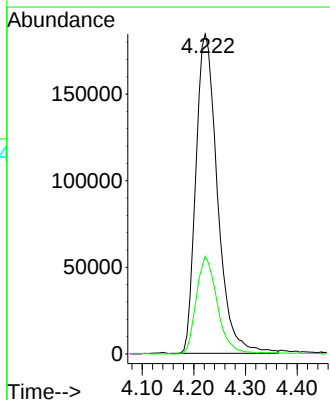
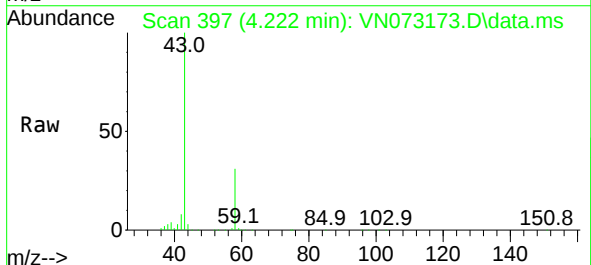
Manual Integrations
APPROVED

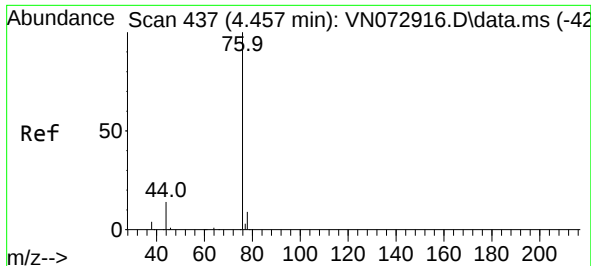
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#16
Acetone
Concen: 269.963 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

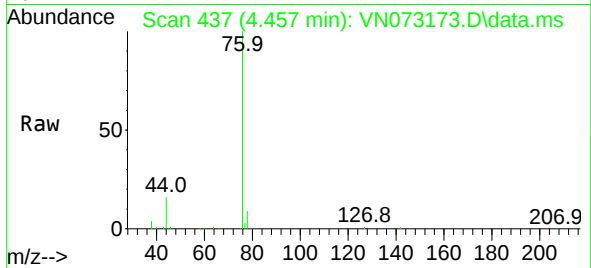
Tgt Ion: 43 Resp: 535607
Ion Ratio Lower Upper
43 100
58 30.6 26.0 39.0





#17
Carbon Disulfide
Concen: 38.270 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

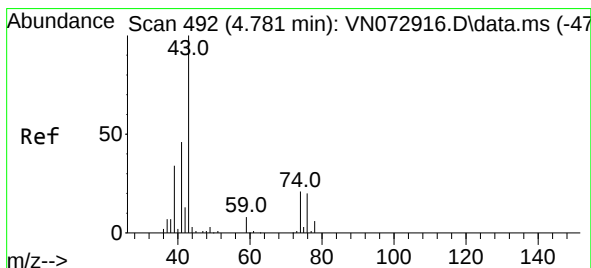
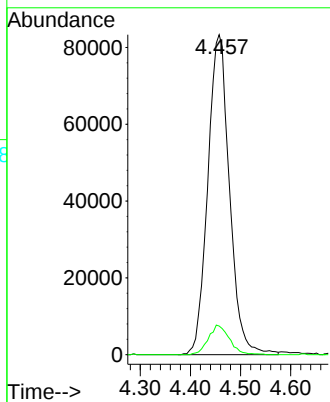
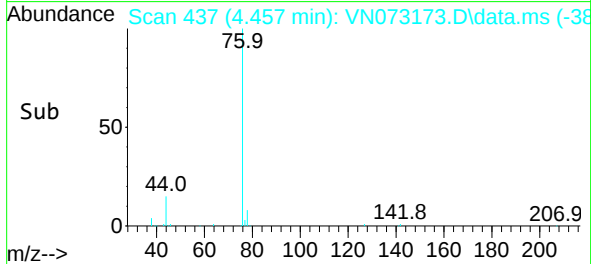
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



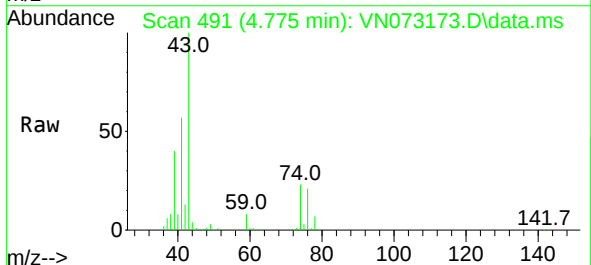
Tgt Ion: 76 Resp: 25062
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

Manual Integrations
APPROVED

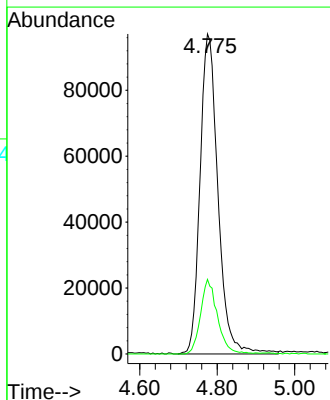
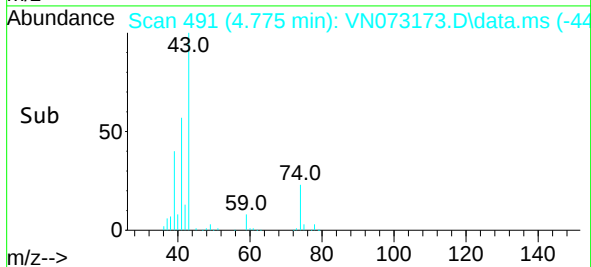
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022

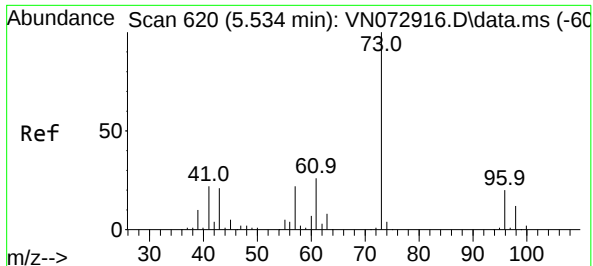


#18
Methyl Acetate
Concen: 59.056 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43



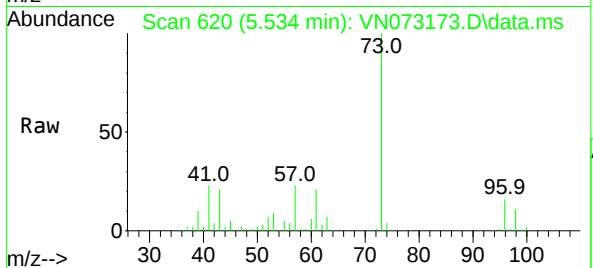
Tgt Ion: 43 Resp: 312010
Ion Ratio Lower Upper
43 100
74 21.8 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 56.519 ug/l
RT: 5.534 min Scan# 619
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

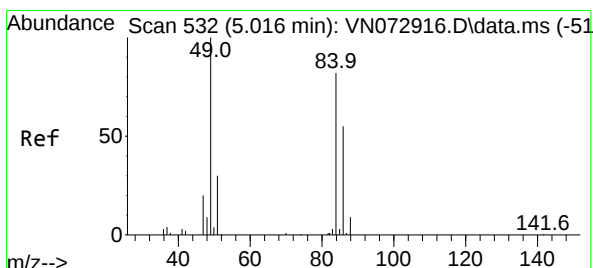
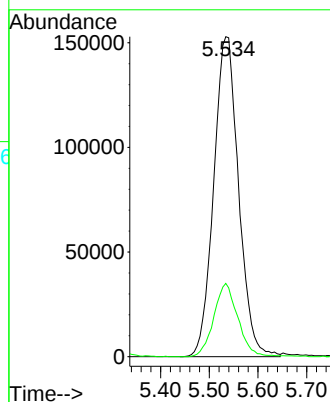
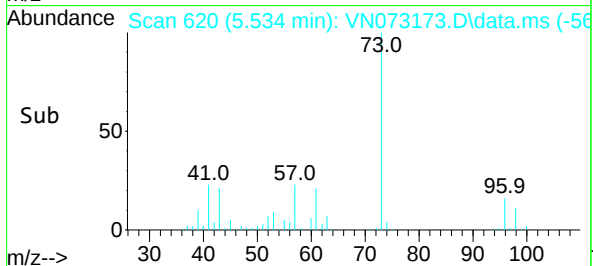
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



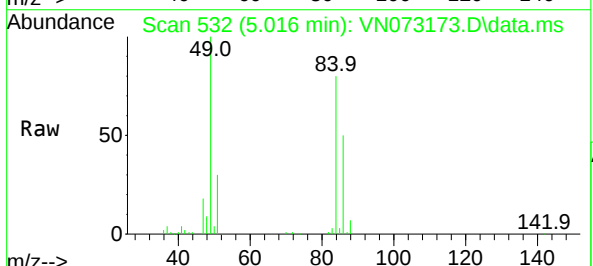
Tgt Ion: 73 Resp: 54253
Ion Ratio Lower Upper
73 100
57 22.9 17.6 26.4

Manual Integrations
APPROVED

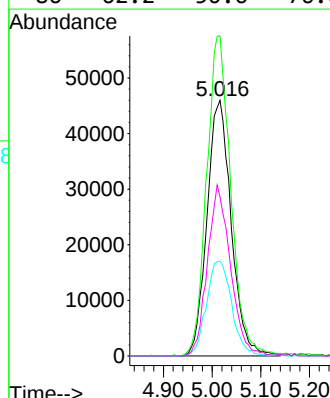
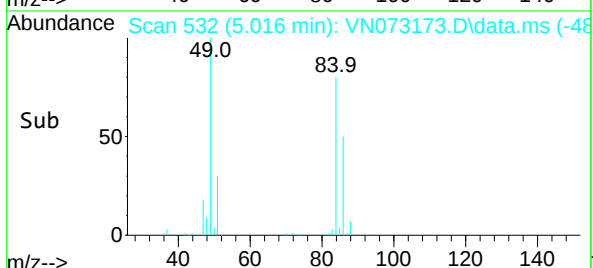
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#20
Methylene Chloride
Concen: 51.731 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43



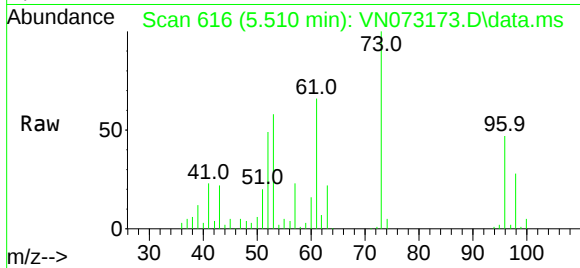
Tgt Ion: 84 Resp: 159169
Ion Ratio Lower Upper
84 100
49 125.3 88.3 132.5
51 37.2 28.2 42.2
86 62.2 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 47.086 ug/l
RT: 5.510 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

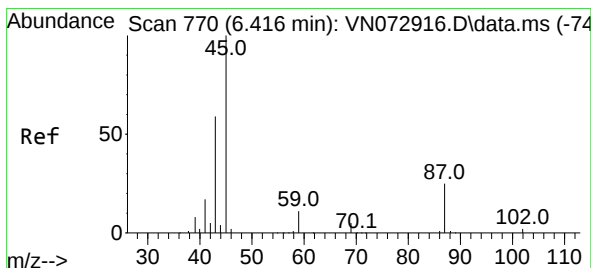
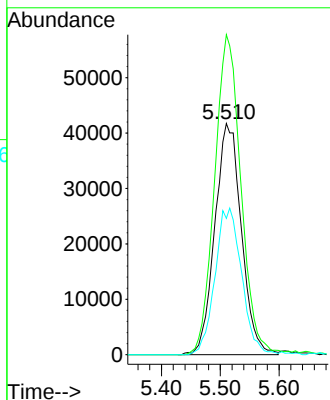
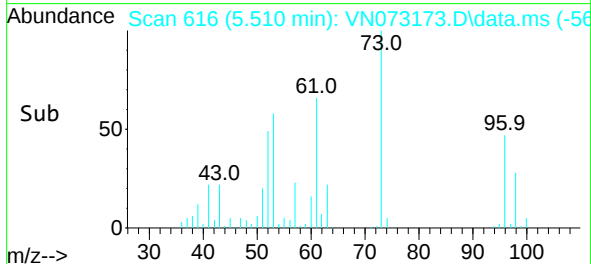
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



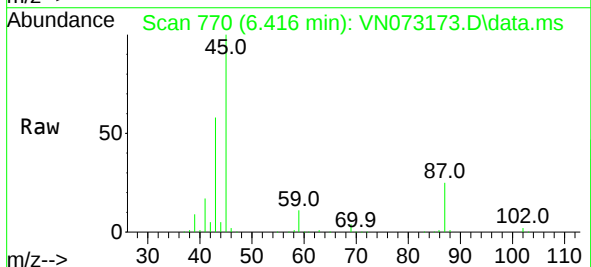
Tgt Ion: 96 Resp: 13091
Ion Ratio Lower Upper
96 100
61 138.4 105.8 158.8
98 59.0 50.3 75.5

Manual Integrations
APPROVED

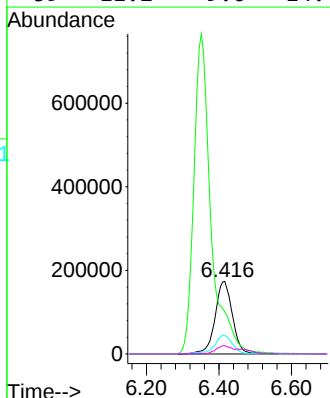
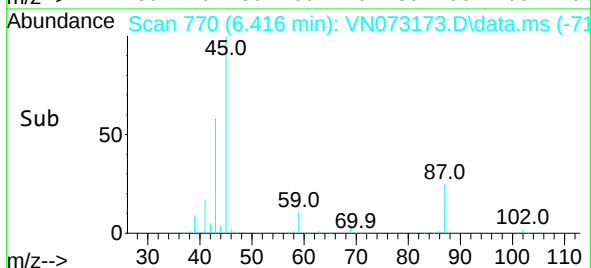
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022

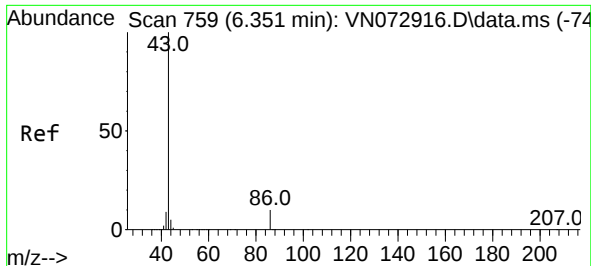


#22
Diisopropyl ether
Concen: 56.662 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43



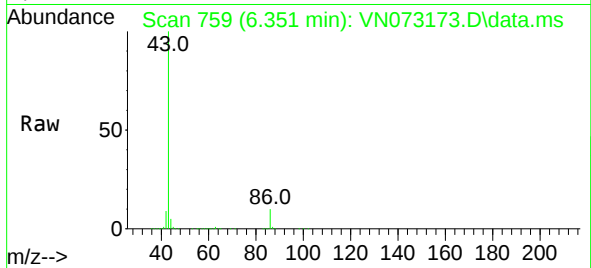
Tgt Ion: 45 Resp: 576836
Ion Ratio Lower Upper
45 100
43 57.5 46.6 70.0
87 25.2 24.3 36.5
59 11.2 9.6 14.4





#23
 Vinyl Acetate
 Concen: 267.339 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073173.D
 Acq: 27 Jun 2022 19:43

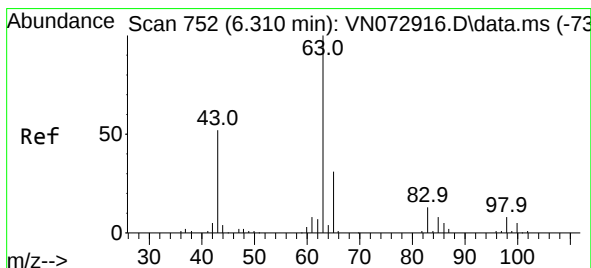
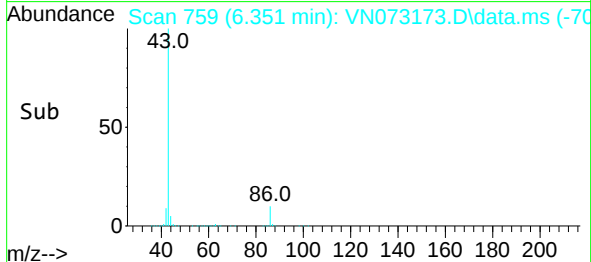
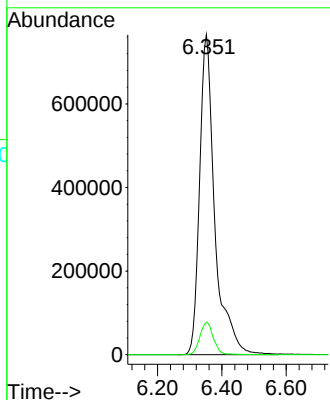
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 251232
 Ion Ratio Lower Upper
 43 100
 86 10.1 10.0 15.0

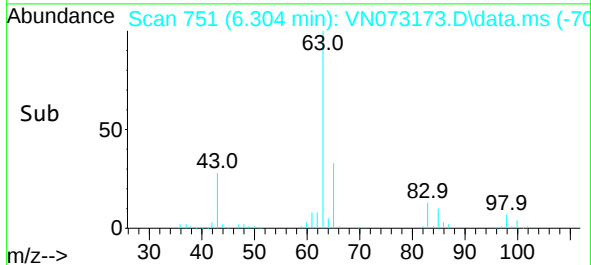
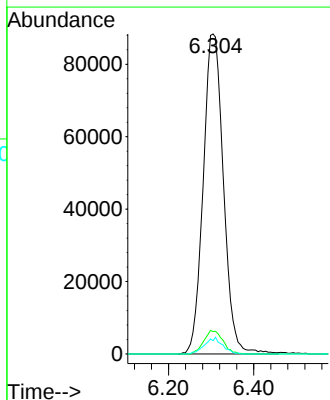
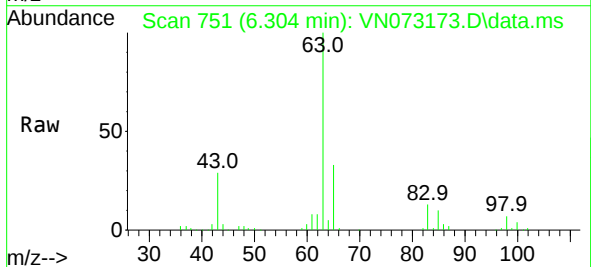
Manual Integrations
 APPROVED

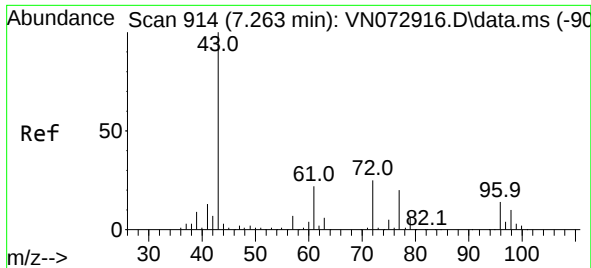
Reviewed By :John Carlone 06/28/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#24
 1,1-Dichloroethane
 Concen: 54.624 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. -0.006 min
 Lab File: VN073173.D
 Acq: 27 Jun 2022 19:43

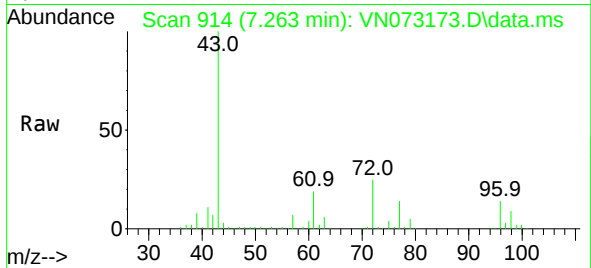
Tgt Ion: 63 Resp: 291541
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.1 2.3 6.8





#25
2-Butanone
Concen: 272.816 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

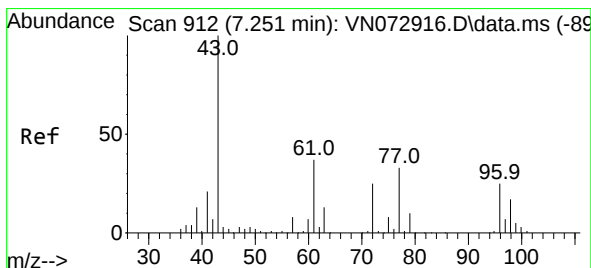
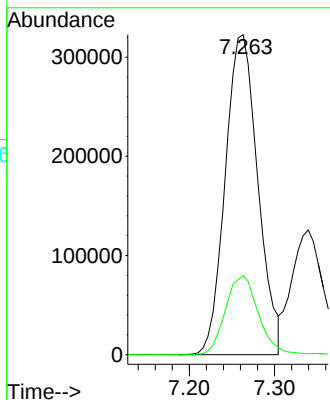
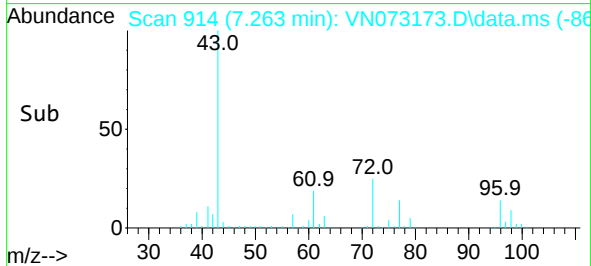
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



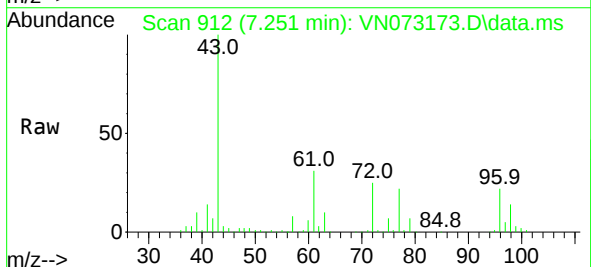
Tgt Ion: 43 Resp: 858907
Ion Ratio Lower Upper
43 100
72 24.7 23.7 35.5

Manual Integrations
APPROVED

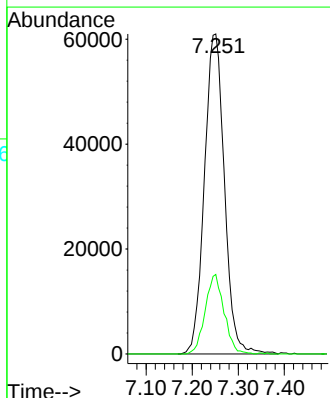
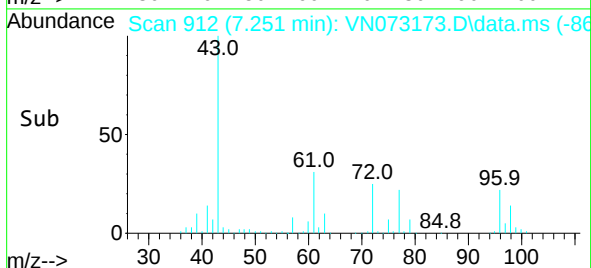
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#26
2,2-Dichloropropane
Concen: 41.523 ug/l
RT: 7.251 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43



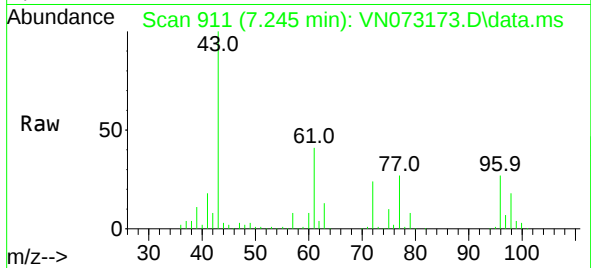
Tgt Ion: 77 Resp: 184399
Ion Ratio Lower Upper
77 100
97 23.4 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 51.975 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN073173.D
 Acq: 27 Jun 2022 19:43

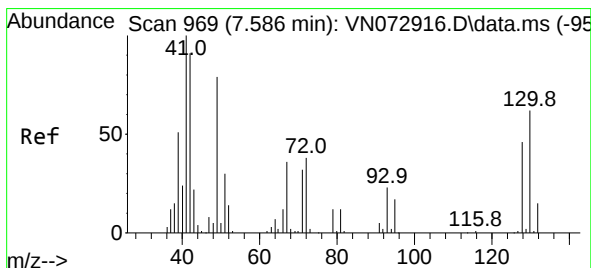
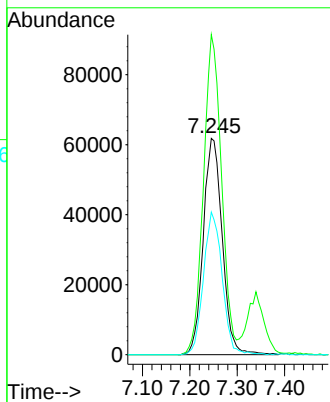
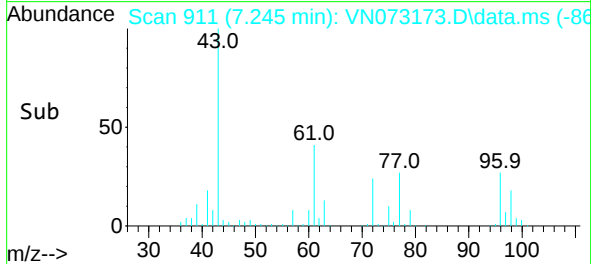
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



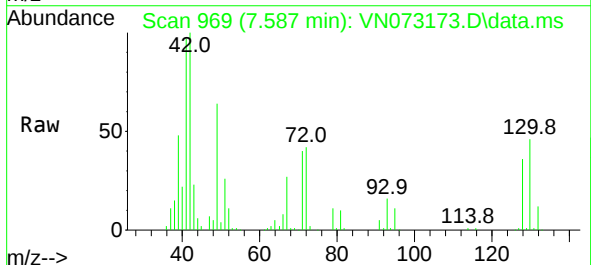
Tgt Ion: 96 Resp: 172640
 Ion Ratio Lower Upper
 96 100
 61 140.6 0.0 280.6
 98 64.8 0.0 128.4

Manual Integrations
 APPROVED

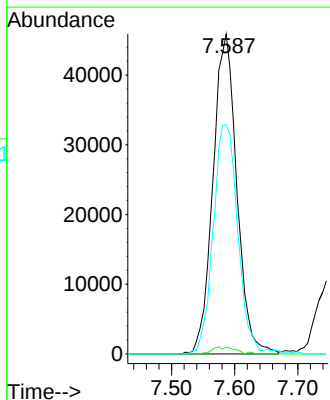
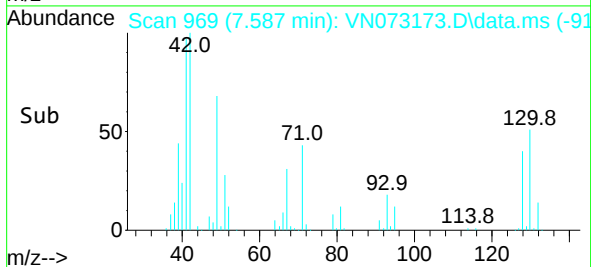
Reviewed By :John Carlone 06/28/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#28
 Bromochloromethane
 Concen: 54.546 ug/l
 RT: 7.587 min Scan# 969
 Delta R.T. 0.000 min
 Lab File: VN073173.D
 Acq: 27 Jun 2022 19:43



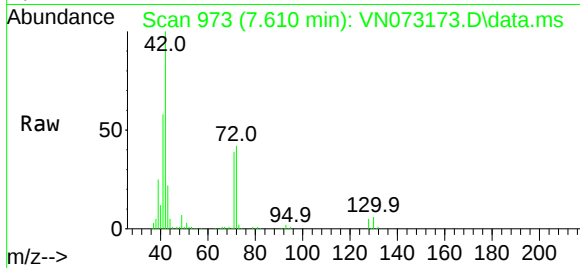
Tgt Ion: 49 Resp: 120400
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.6
 130 73.5 69.7 104.5





#29
Tetrahydrofuran
Concen: 273.709 ug/l
RT: 7.610 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

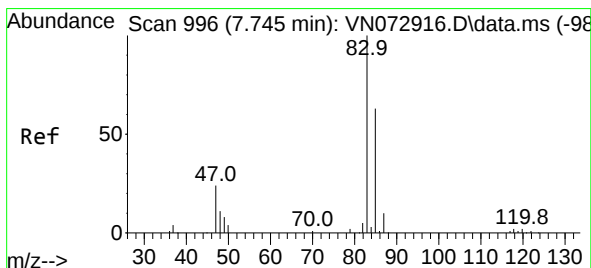
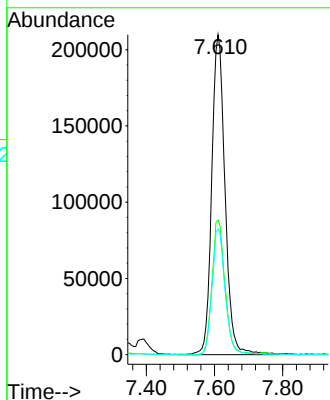
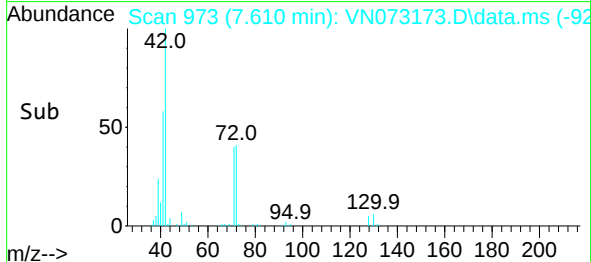
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



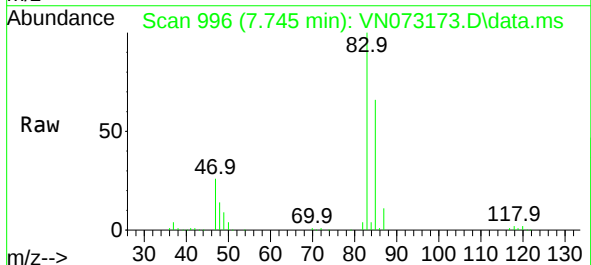
Tgt Ion: 42 Resp: 569044
Ion Ratio Lower Upper
42 100
72 41.0 39.7 59.5
71 38.5 36.6 55.0

Manual Integrations
APPROVED

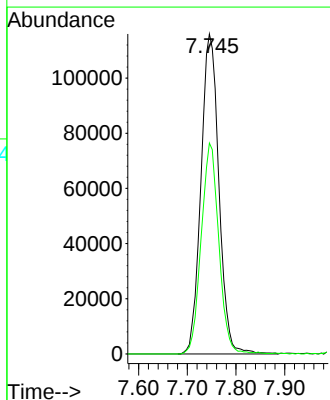
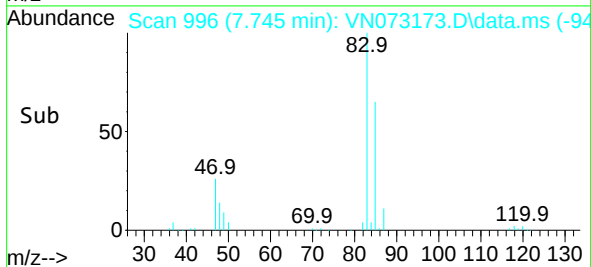
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022

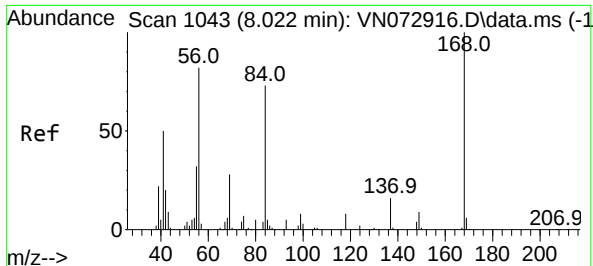


#30
Chloroform
Concen: 54.868 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43



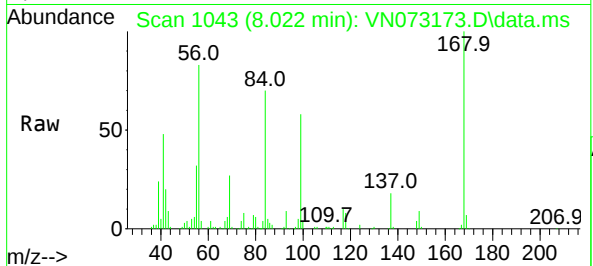
Tgt Ion: 83 Resp: 296461
Ion Ratio Lower Upper
83 100
85 65.9 51.8 77.8





#31
Cyclohexane
Concen: 46.260 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

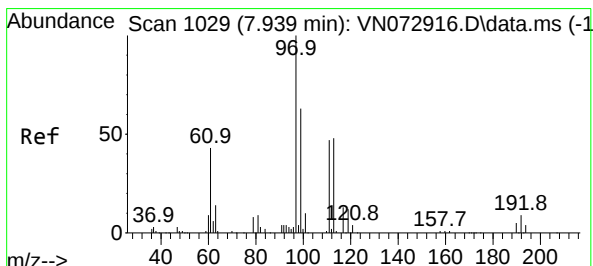
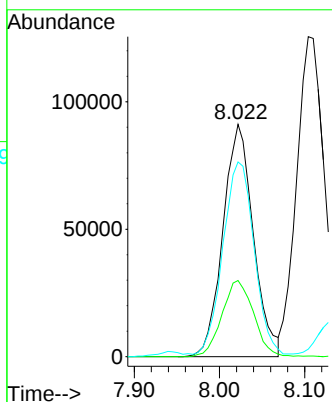
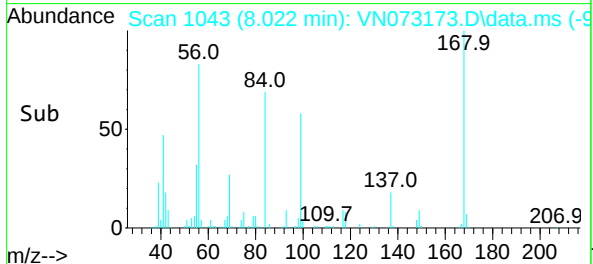
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



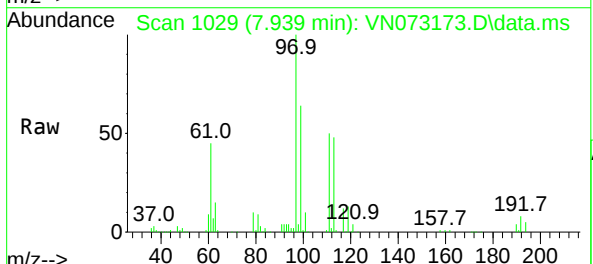
Tgt Ion: 56 Resp: 225854
Ion Ratio Lower Upper
56 100
69 32.8 27.8 41.8
84 82.0 76.9 115.3

Manual Integrations
APPROVED

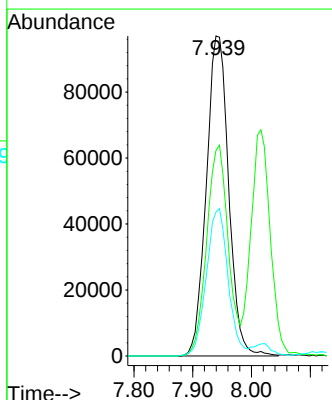
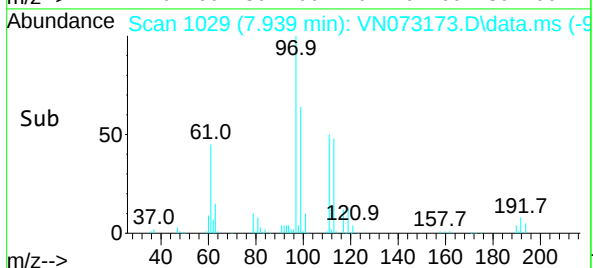
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022

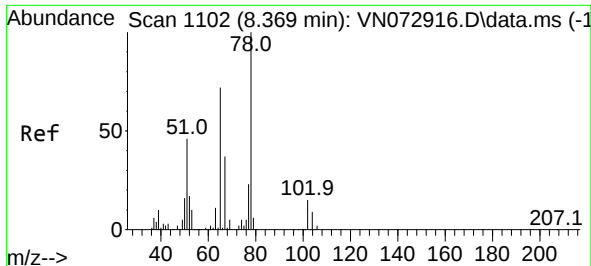


#32
1,1,1-Trichloroethane
Concen: 53.975 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43



Tgt Ion: 97 Resp: 255923
Ion Ratio Lower Upper
97 100
99 63.6 50.6 76.0
61 44.9 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 53.337 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073173.D

Acq: 27 Jun 2022 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 192508

Ion Ratio Lower Upper

65 100

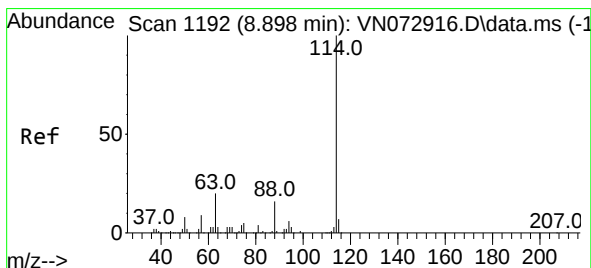
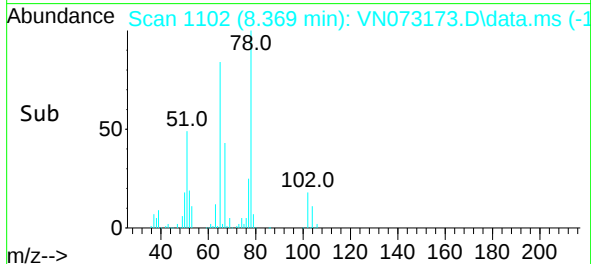
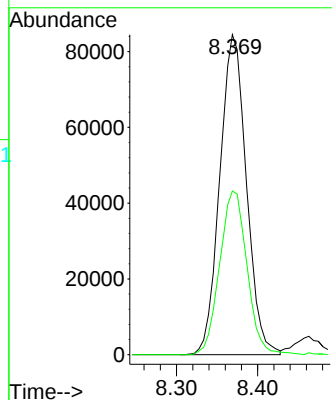
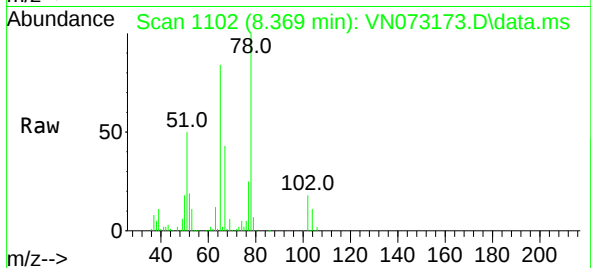
67 52.5 0.0 104.8

Manual Integrations

APPROVED

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: VN073173.D

Acq: 27 Jun 2022 19:43

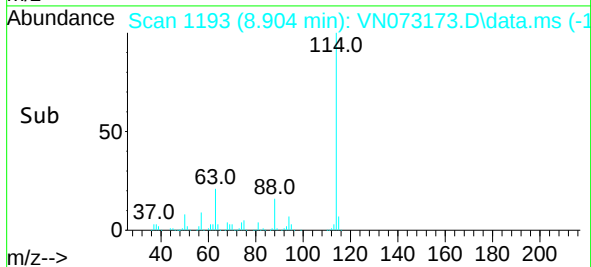
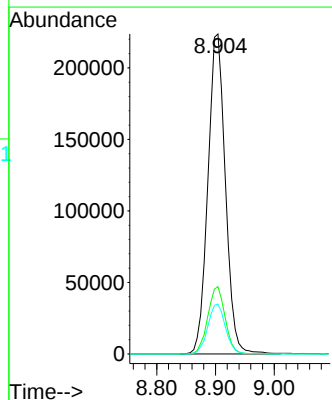
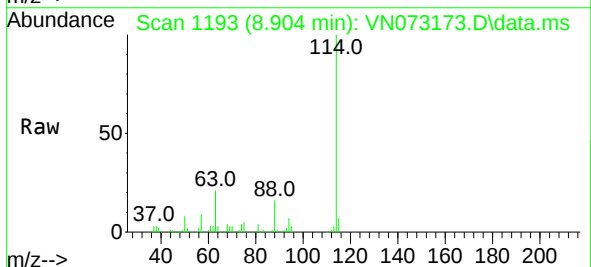
Tgt Ion:114 Resp: 462634

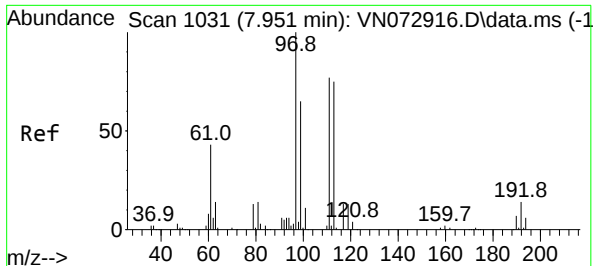
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

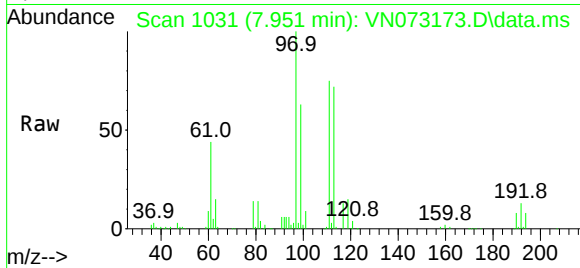
88 15.6 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.057 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

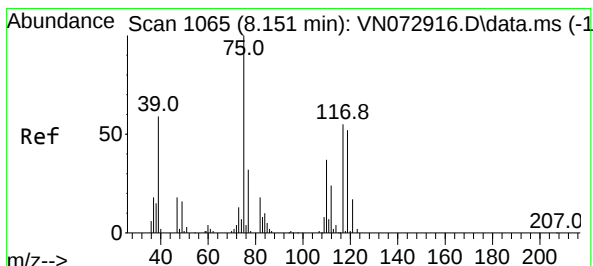
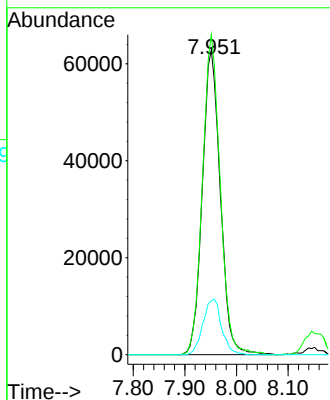
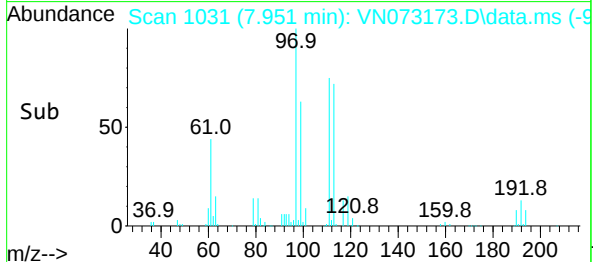
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



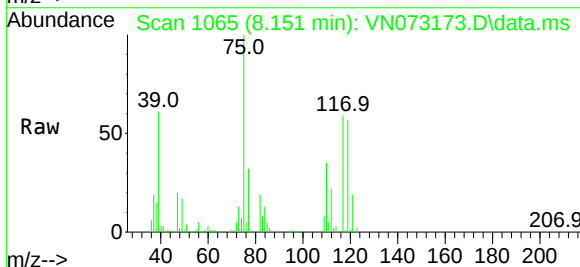
Tgt Ion: 113 Resp: 15171
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 18.9 17.0 25.6

Manual Integrations
APPROVED

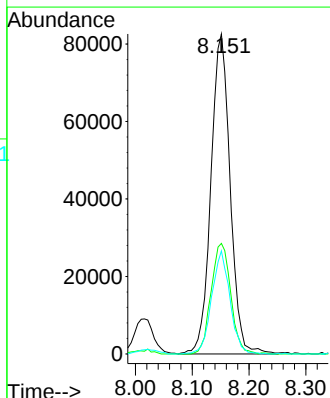
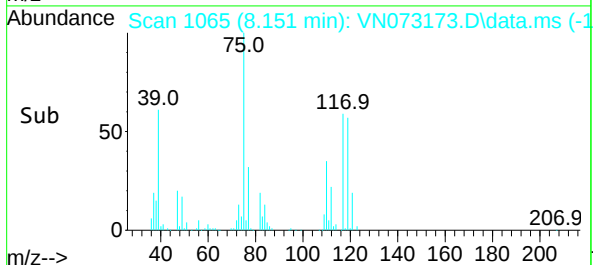
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022

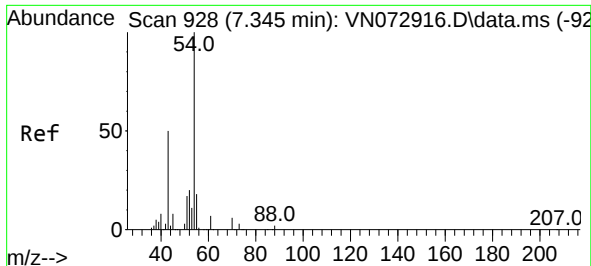


#36
1,1-Dichloropropene
Concen: 50.168 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43



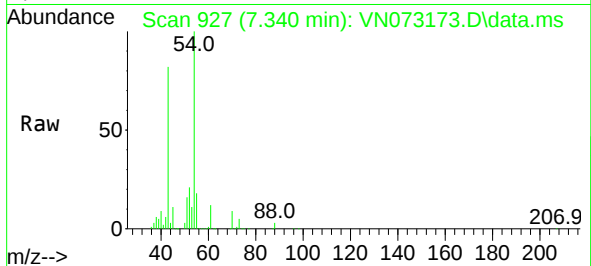
Tgt Ion: 75 Resp: 194111
Ion Ratio Lower Upper
75 100
110 35.2 18.3 54.8
77 30.7 25.1 37.7





#37
Ethyl Acetate
Concen: 54.287 ug/l
RT: 7.340 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

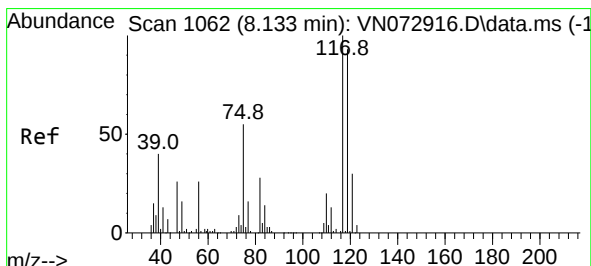
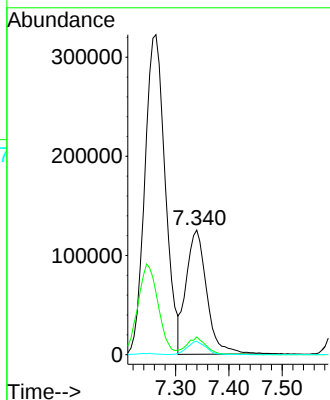
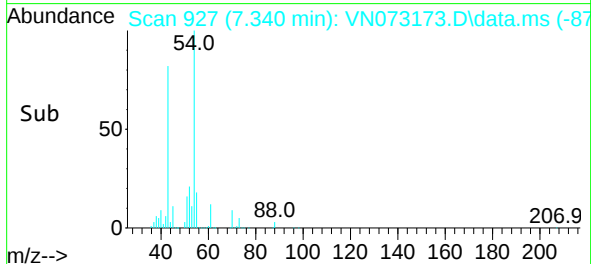
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 33597
Ion Ratio Lower Upper
43 100
61 12.4 11.8 17.6
70 9.6 9.3 13.9

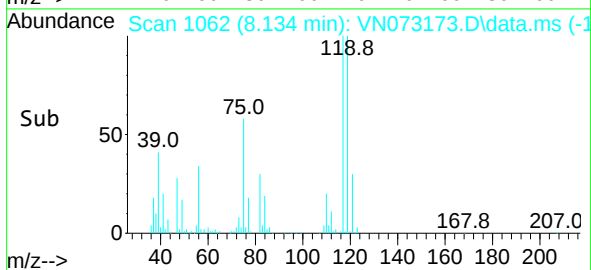
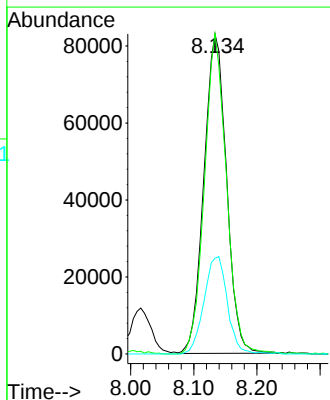
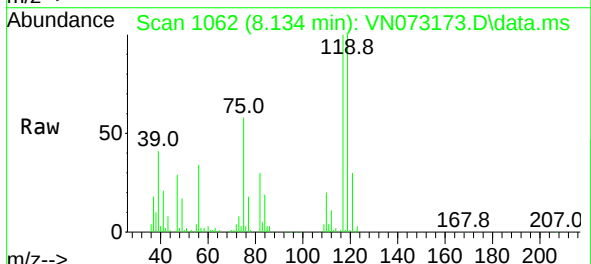
Manual Integrations
APPROVED

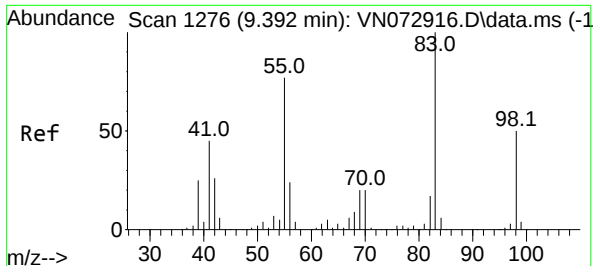
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#38
Carbon Tetrachloride
Concen: 50.644 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

Tgt Ion:117 Resp: 206116
Ion Ratio Lower Upper
117 100
119 100.3 75.8 113.8
121 30.0 24.6 37.0





#39

Methylcyclohexane

Concen: 47.521 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073173.D

Acq: 27 Jun 2022 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 221624

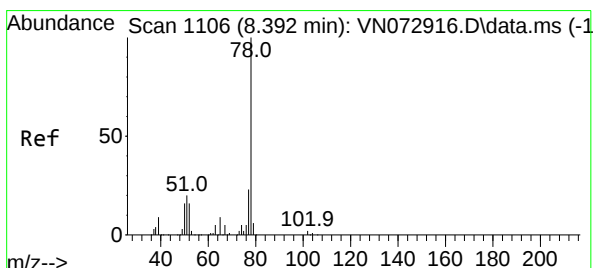
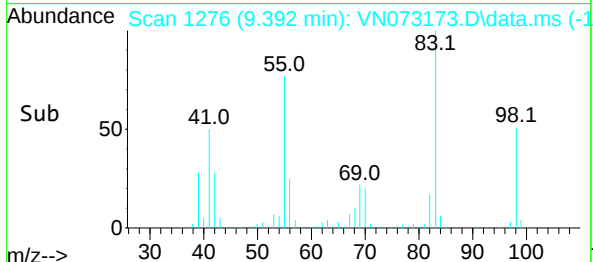
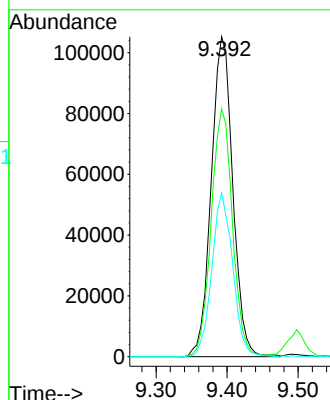
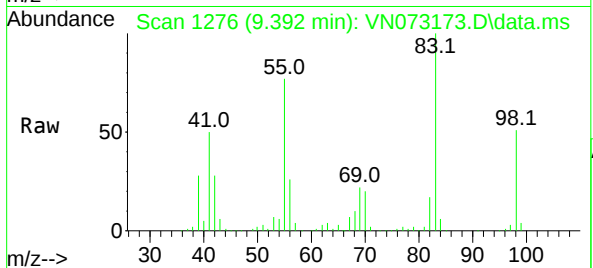
Ion	Ratio	Lower	Upper
83	100		
55	77.4	57.8	86.8
98	51.2	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/30/2022



#40

Benzene

Concen: 51.566 ug/l

RT: 8.392 min Scan# 1106

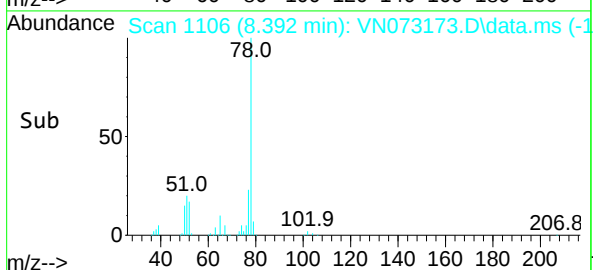
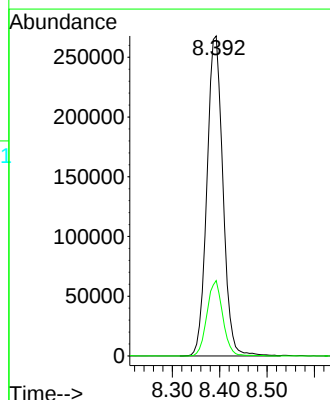
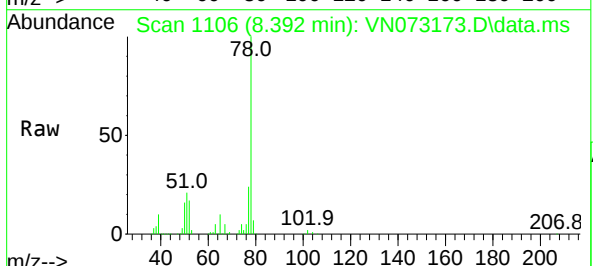
Delta R.T. 0.000 min

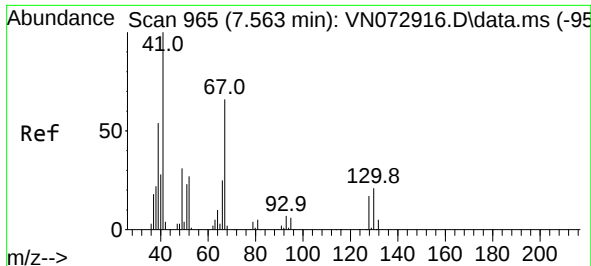
Lab File: VN073173.D

Acq: 27 Jun 2022 19:43

Tgt Ion: 78 Resp: 627047

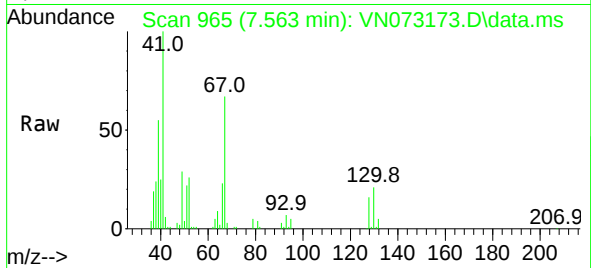
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.4	29.0





#41
Methacrylonitrile
Concen: 57.394 ug/l
RT: 7.563 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

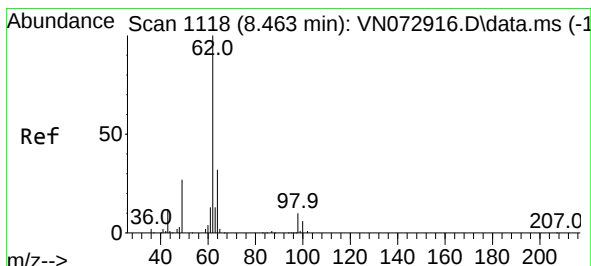
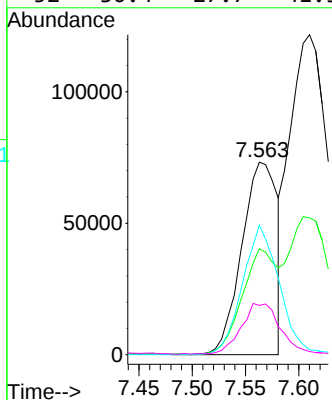
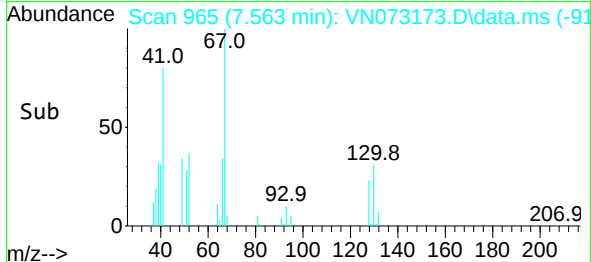
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



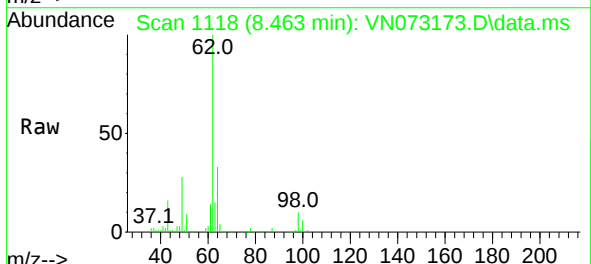
Tgt Ion: 41 Resp: 16844
Ion Ratio Lower Upper
41 100
39 53.9 48.6 73.0
67 71.1 73.4 110.2
52 30.4 27.7 41.5

Manual Integrations
APPROVED

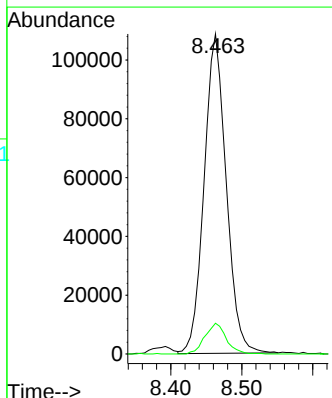
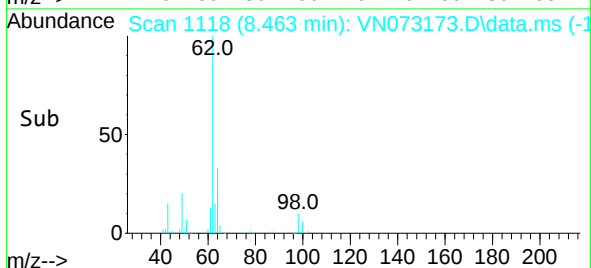
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022

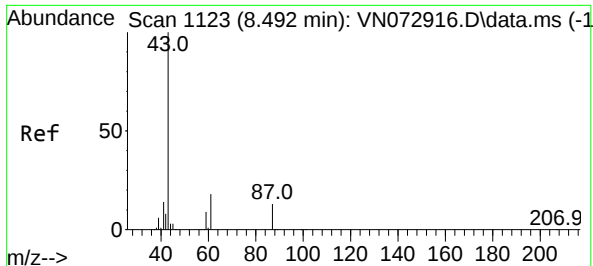


#42
1,2-Dichloroethane
Concen: 54.396 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43



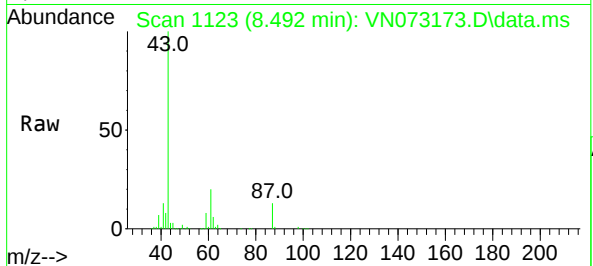
Tgt Ion: 62 Resp: 234939
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.4





#43
Isopropyl Acetate
Concen: 56.685 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

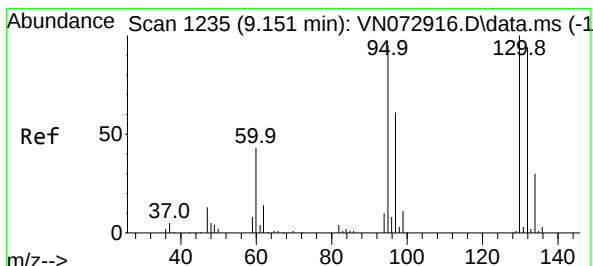
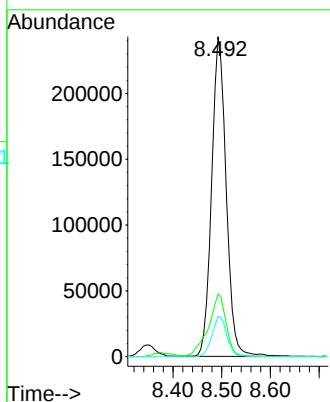
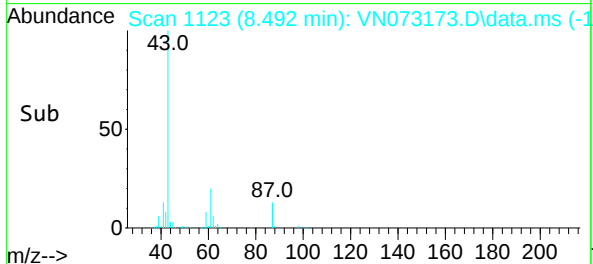
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 501470
Ion Ratio Lower Upper
43 100
61 24.1 21.9 32.9
87 12.9 12.0 18.0

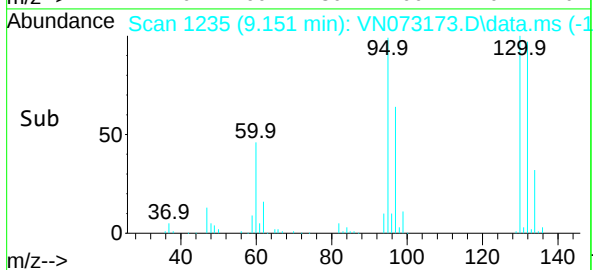
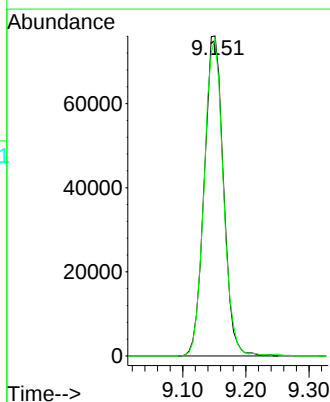
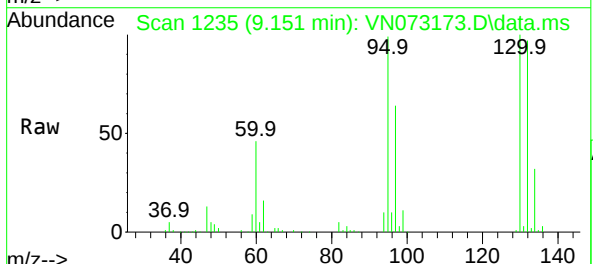
Manual Integrations
APPROVED

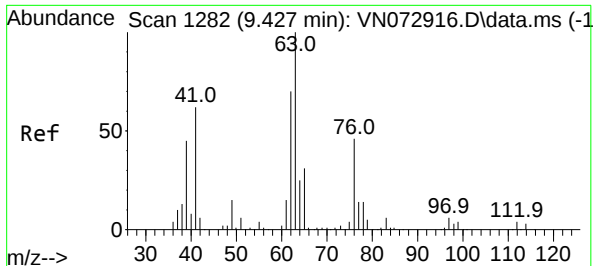
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#44
Trichloroethene
Concen: 52.155 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

Tgt Ion:130 Resp: 160720
Ion Ratio Lower Upper
130 100
95 99.1 0.0 186.8





#45

1,2-Dichloropropane

Concen: 54.032 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN073173.D

Acq: 27 Jun 2022 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 16794

Ion Ratio Lower Upper

63 100

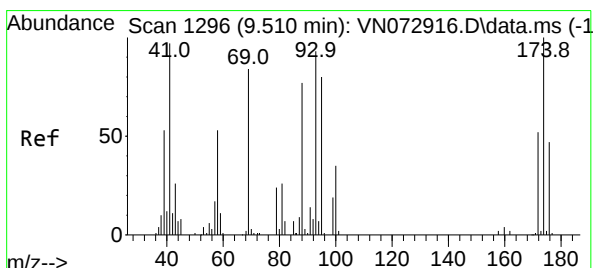
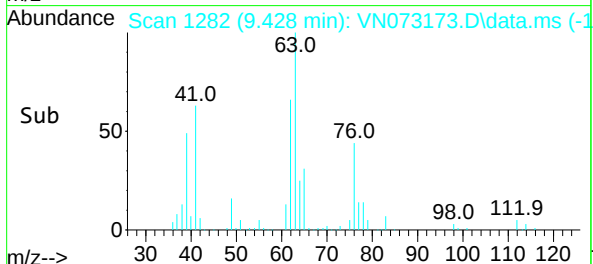
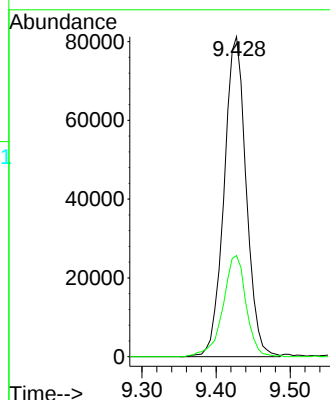
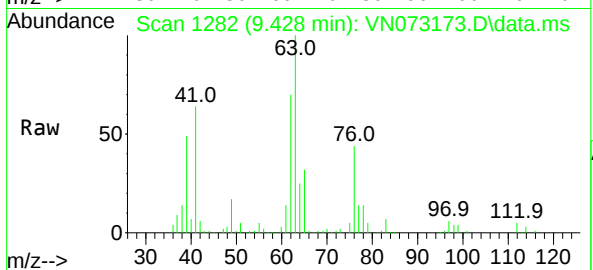
65 31.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/30/2022



#46

Dibromomethane

Concen: 53.442 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073173.D

Acq: 27 Jun 2022 19:43

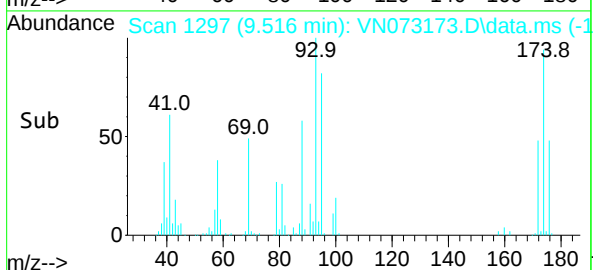
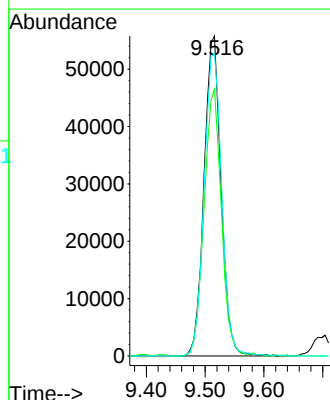
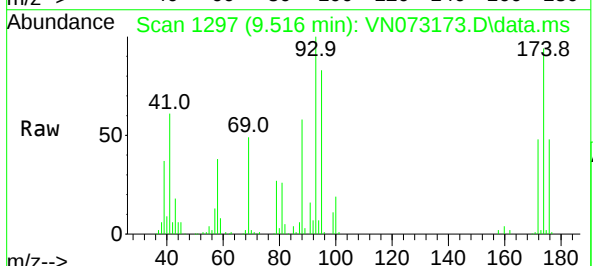
Tgt Ion: 93 Resp: 112319

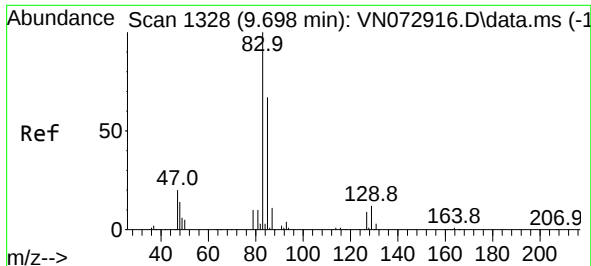
Ion Ratio Lower Upper

93 100

95 84.3 66.9 100.3

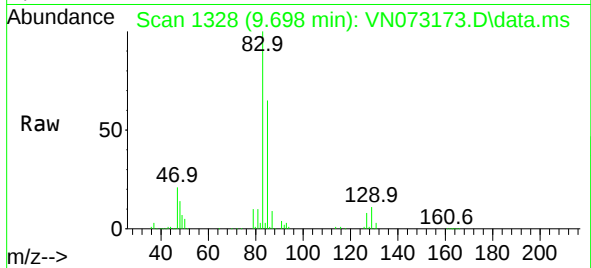
174 98.1 86.6 130.0





#47
Bromodichloromethane
Concen: 56.114 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

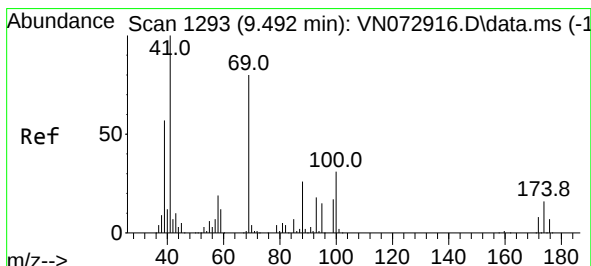
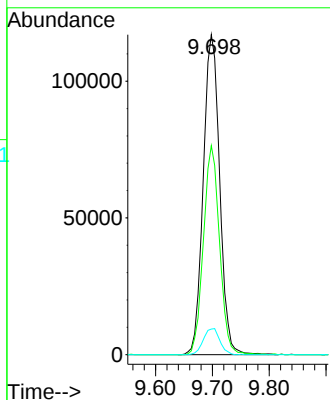
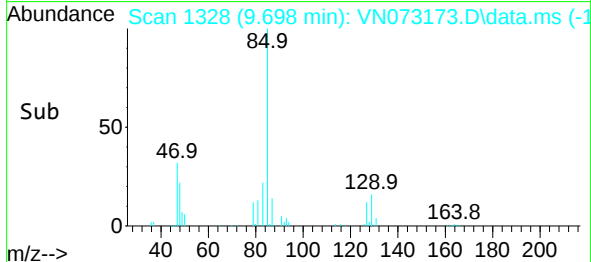
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 234378
Ion Ratio Lower Upper
83 100
85 65.3 50.5 75.7
127 8.0 6.8 10.2

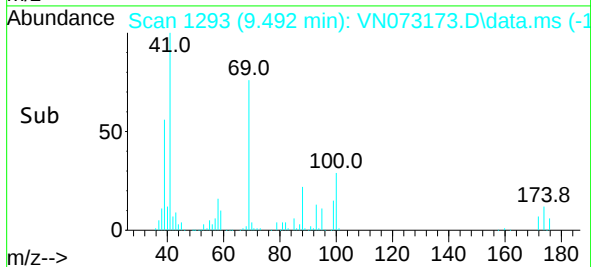
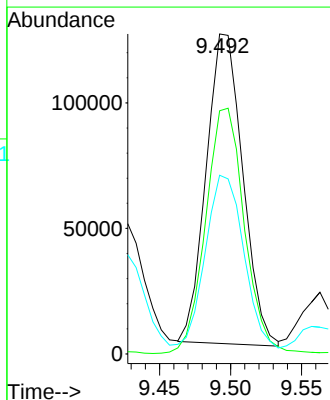
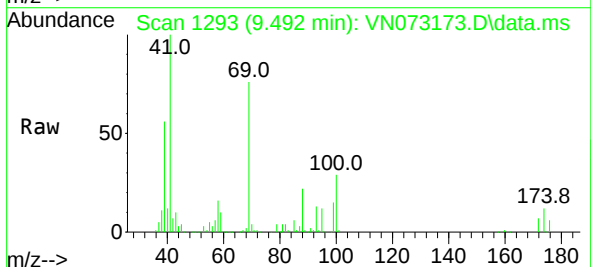
Manual Integrations
APPROVED

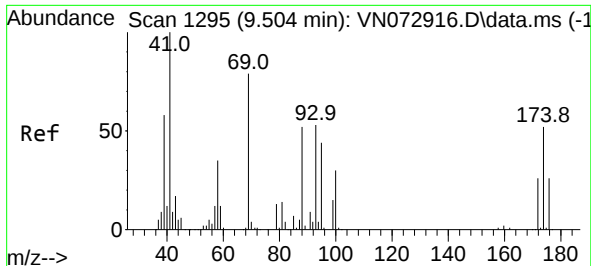
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#48
Methyl methacrylate
Concen: 54.721 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

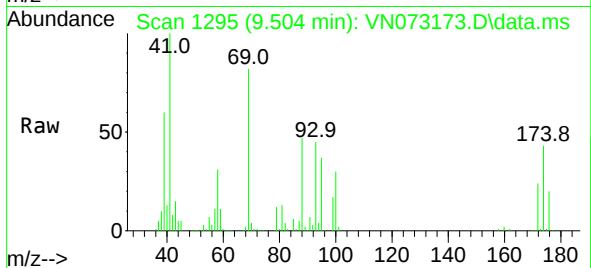
Tgt Ion: 41 Resp: 221023
Ion Ratio Lower Upper
41 100
69 84.0 74.7 112.1
39 62.7 45.6 68.4





#49
1,4-Dioxane
Concen: 1005.130 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

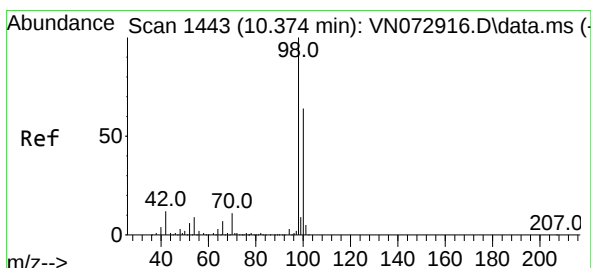
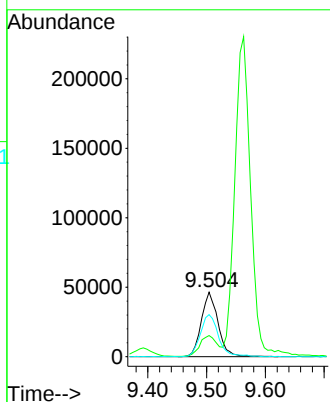
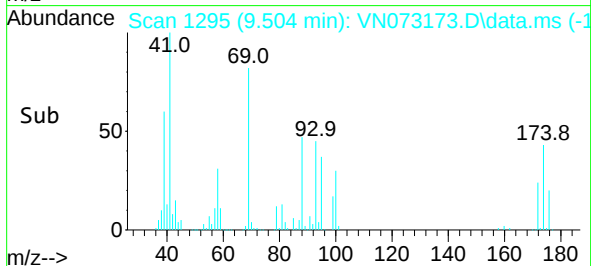
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



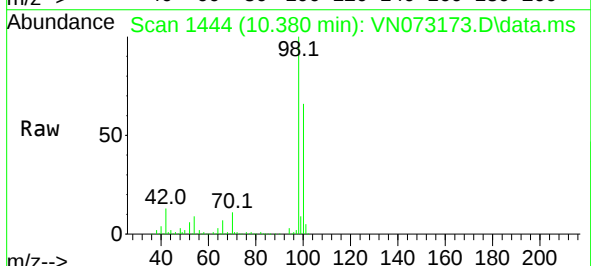
Tgt Ion: 88 Resp: 91348
Ion Ratio Lower Upper
88 100
43 34.8 20.2 30.4
58 70.7 54.2 81.4

Manual Integrations
APPROVED

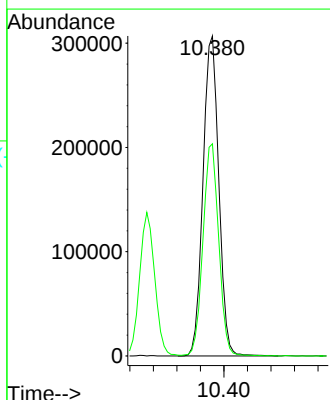
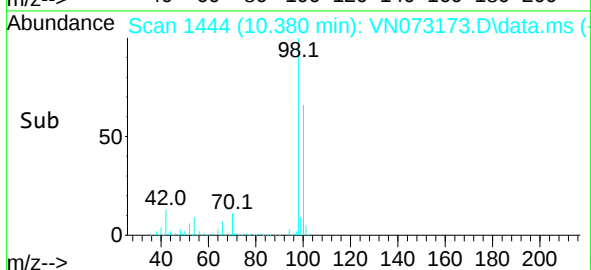
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#50
Toluene-d8
Concen: 53.519 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43



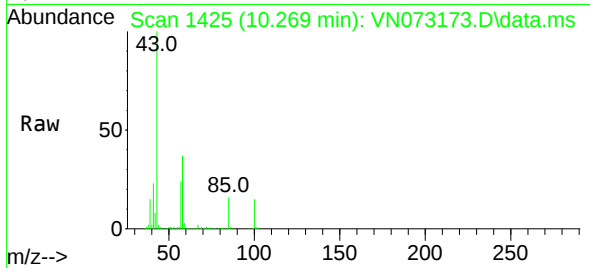
Tgt Ion: 98 Resp: 569454
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 288.898 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

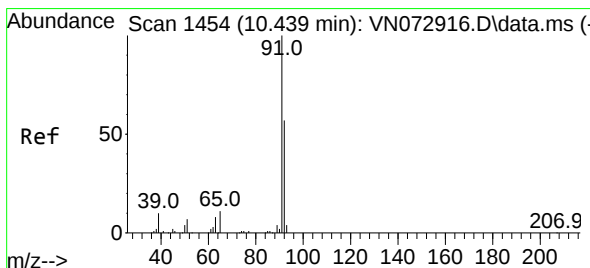
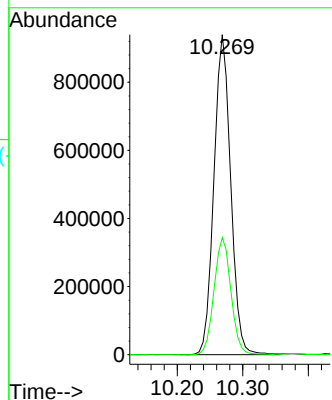
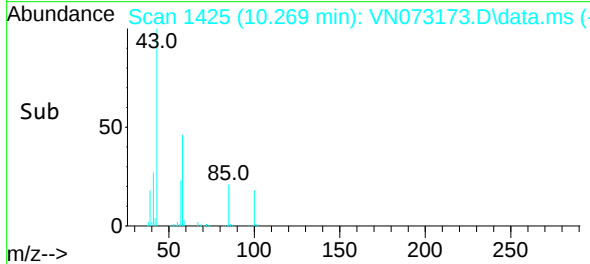
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



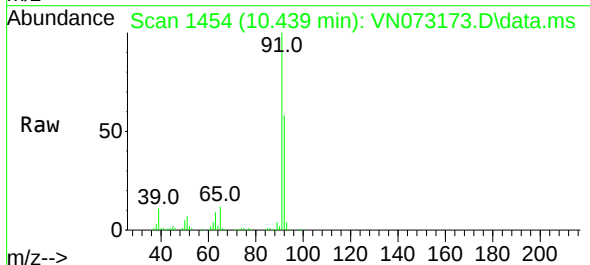
Tgt Ion: 43 Resp: 166664
Ion Ratio Lower Upper
43 100
58 36.8 34.1 51.1

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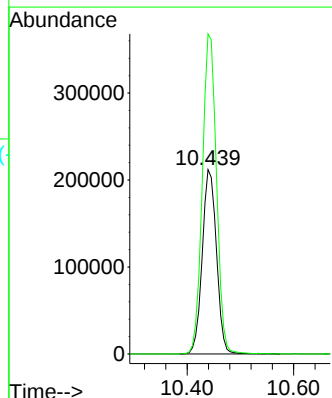
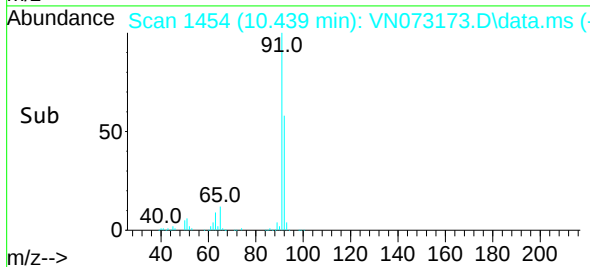
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#52
Toluene
Concen: 52.507 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43



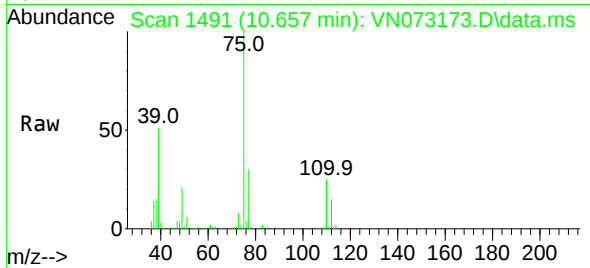
Tgt Ion: 92 Resp: 391995
Ion Ratio Lower Upper
92 100
91 173.2 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 55.202 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

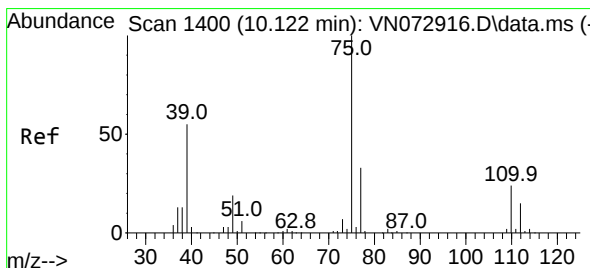
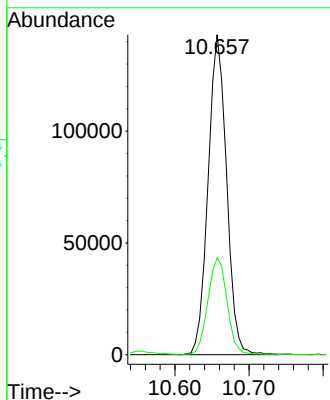
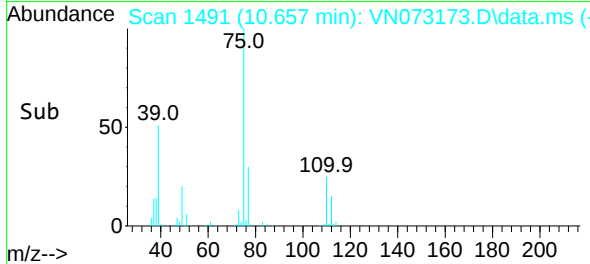
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



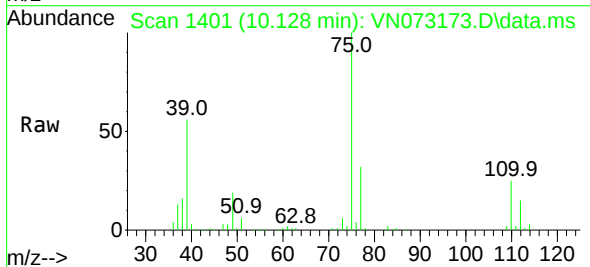
Tgt Ion: 75 Resp: 247964
Ion Ratio Lower Upper
75 100
77 30.3 25.6 38.4

Manual Integrations
APPROVED

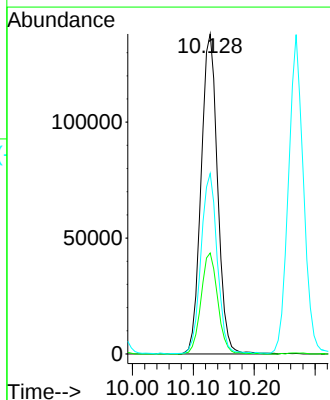
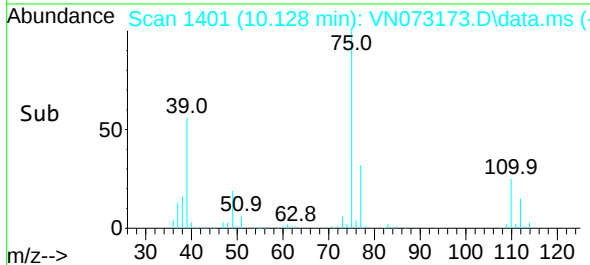
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022

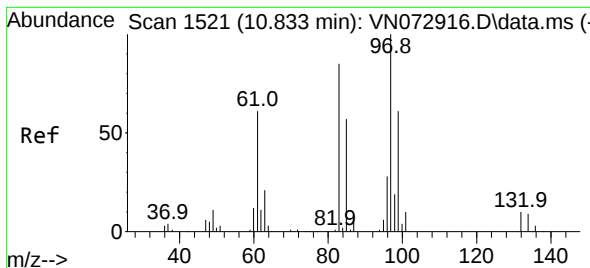


#54
cis-1,3-Dichloropropene
Concen: 52.805 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.006 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43



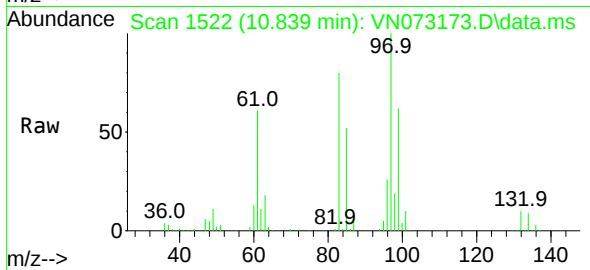
Tgt Ion: 75 Resp: 259094
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8
39 56.3 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 52.933 ug/l
RT: 10.839 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

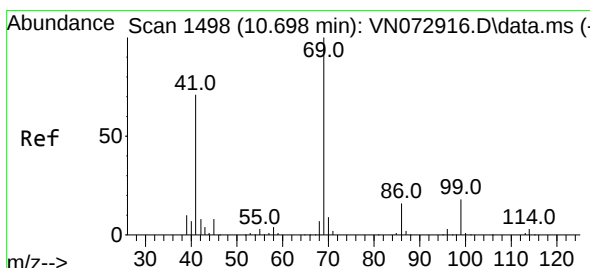
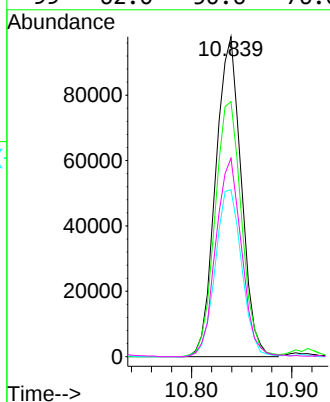
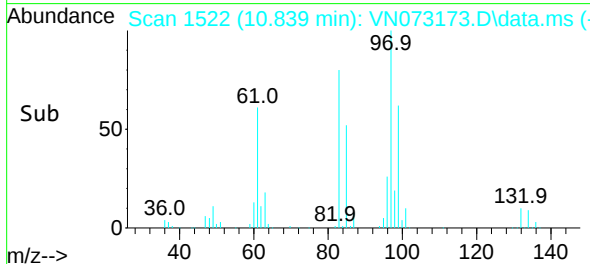
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



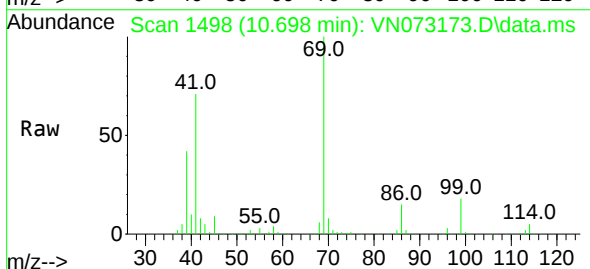
Tgt Ion: 97 Resp: 173515
Ion Ratio Lower Upper
97 100
83 79.7 66.2 99.4
85 52.1 43.9 65.9
99 62.0 50.6 76.0

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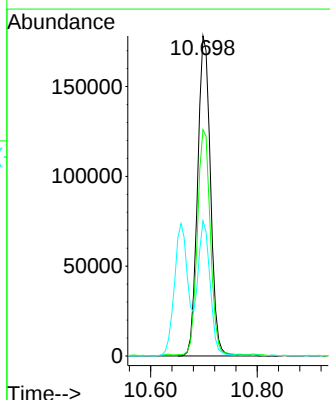
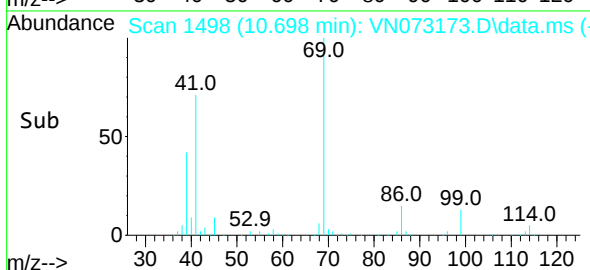
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022

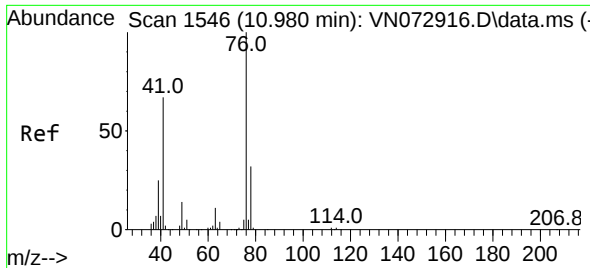


#56
Ethyl methacrylate
Concen: 56.983 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43



Tgt Ion: 69 Resp: 299395
Ion Ratio Lower Upper
69 100
41 70.7 47.8 71.6
39 39.0 27.3 40.9





#57

1,3-Dichloropropane

Concen: 53.974 ug/l

RT: 10.980 min Scan# 1546

Delta R.T. 0.000 min

Lab File: VN073173.D

Acq: 27 Jun 2022 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 293530

Ion Ratio Lower Upper

76 100

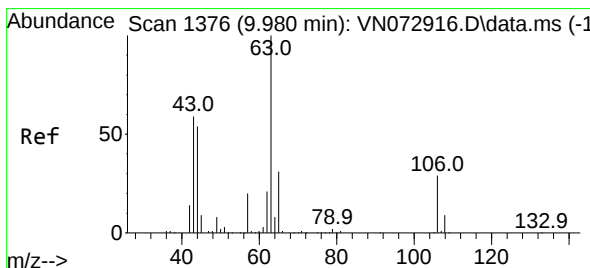
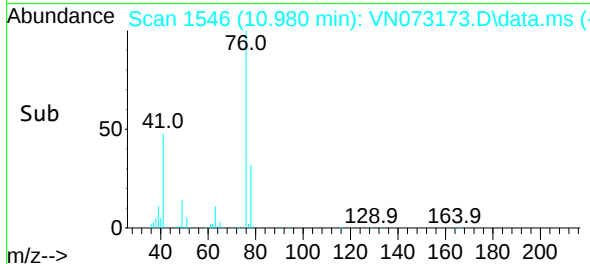
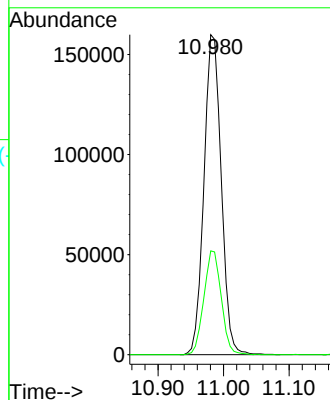
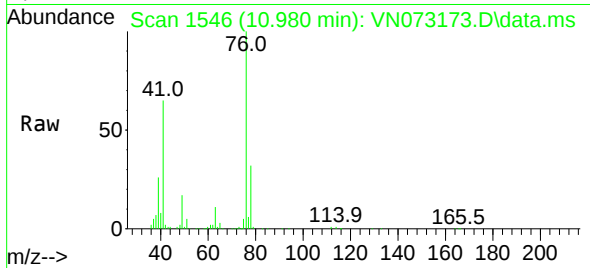
78 32.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/30/2022



#58

2-Chloroethyl Vinyl ether

Concen: 307.591 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073173.D

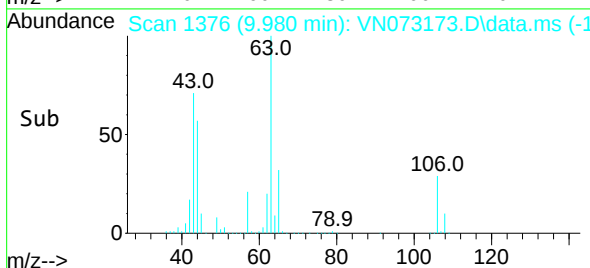
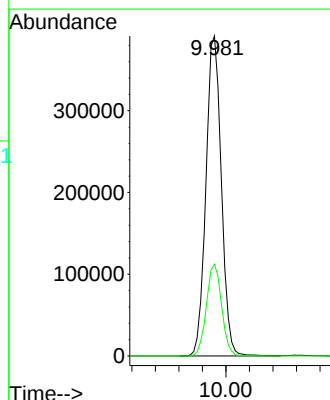
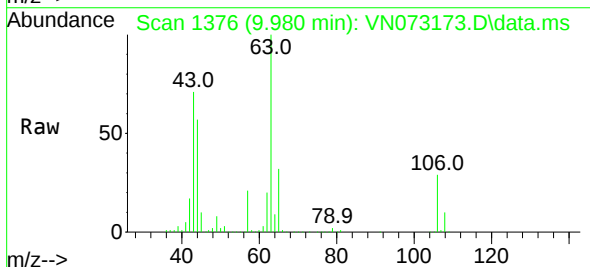
Acq: 27 Jun 2022 19:43

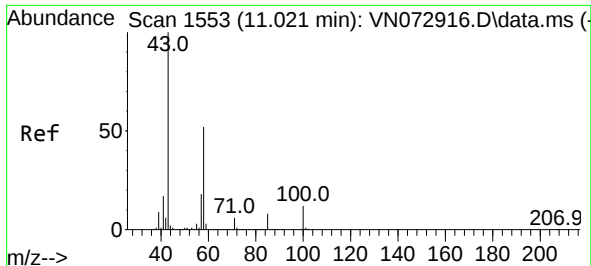
Tgt Ion: 63 Resp: 713502

Ion Ratio Lower Upper

63 100

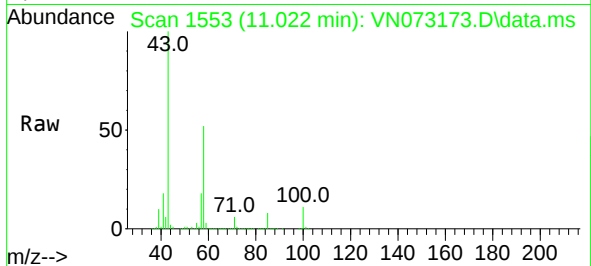
106 28.4 24.6 36.8





#59
2-Hexanone
Concen: 287.953 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

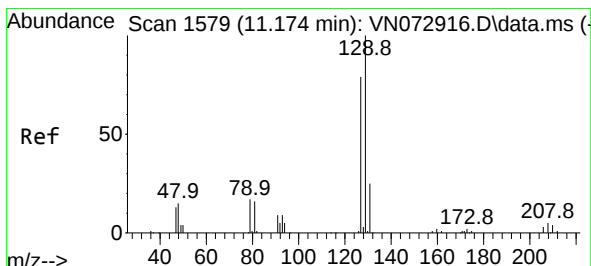
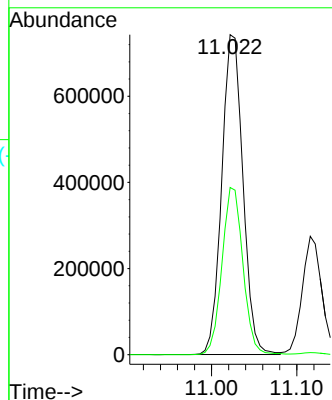
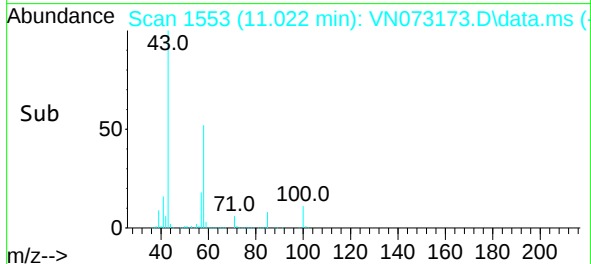
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



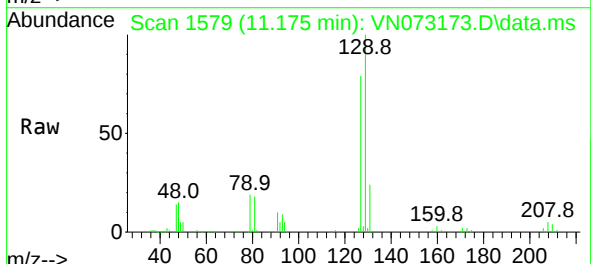
Tgt Ion: 43 Resp: 1284840
Ion Ratio Lower Upper
43 100
58 51.7 29.7 89.1

Manual Integrations
APPROVED

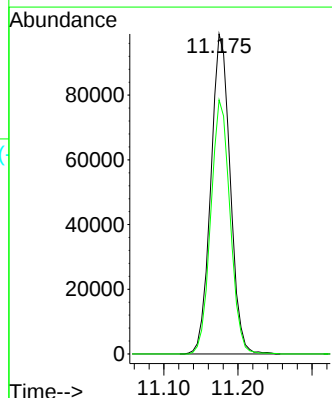
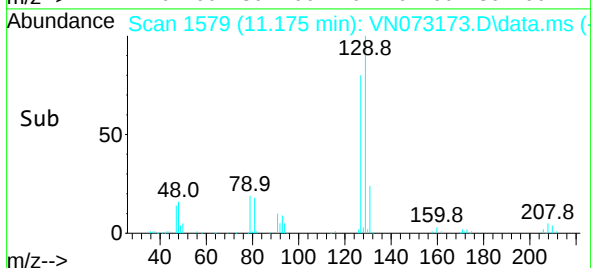
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022

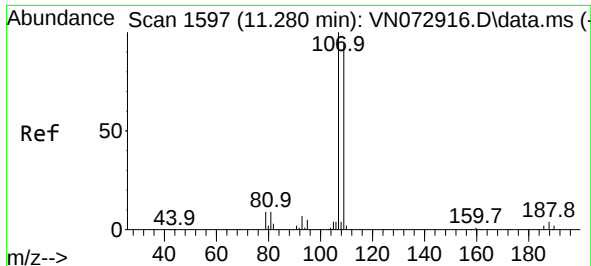


#60
Dibromochloromethane
Concen: 57.918 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43



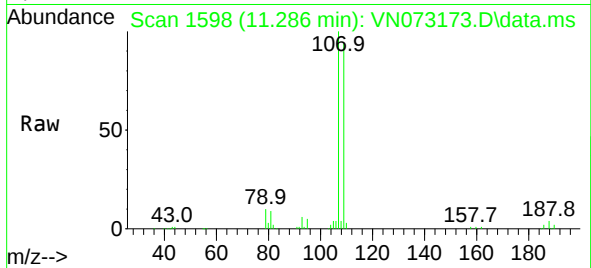
Tgt Ion:129 Resp: 179431
Ion Ratio Lower Upper
129 100
127 79.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 54.566 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

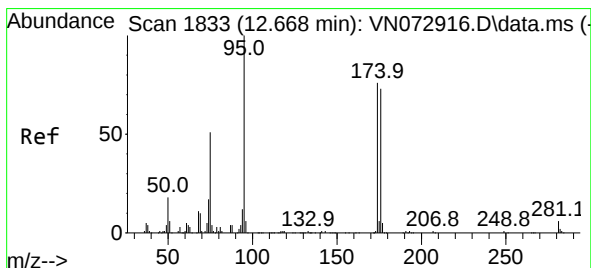
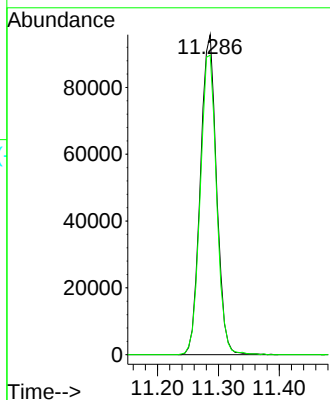
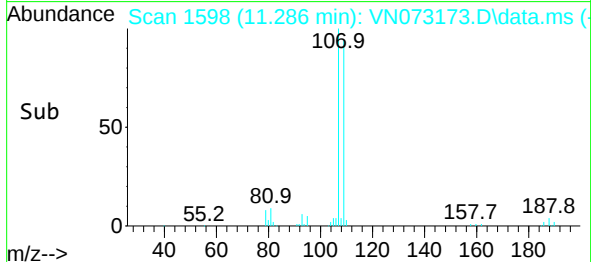
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



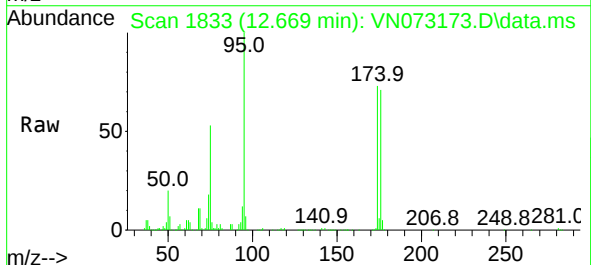
Tgt Ion:107 Resp: 17633
Ion Ratio Lower Upper
107 100
109 94.7 75.0 112.6

Manual Integrations
APPROVED

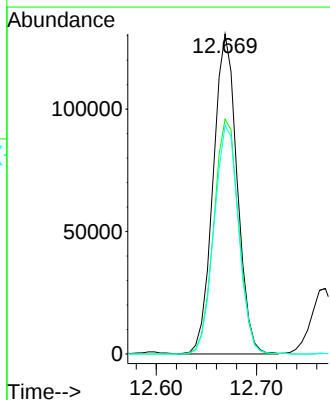
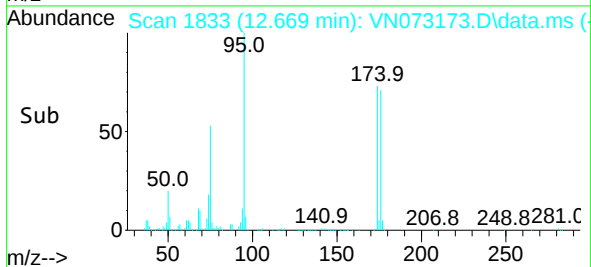
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022

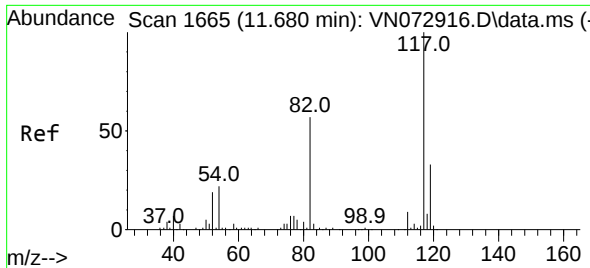


#62
4-Bromofluorobenzene
Concen: 56.647 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43



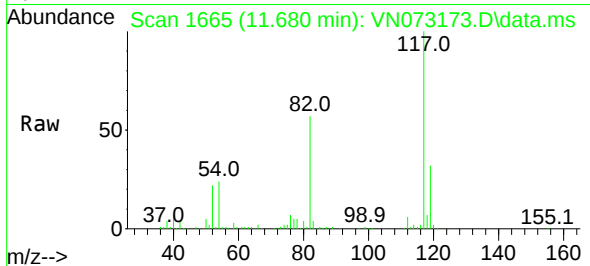
Tgt Ion: 95 Resp: 216735
Ion Ratio Lower Upper
95 100
174 76.1 0.0 167.6
176 73.4 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

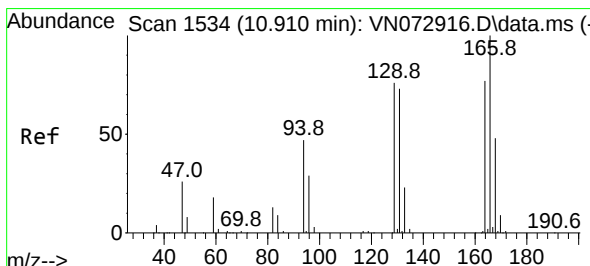
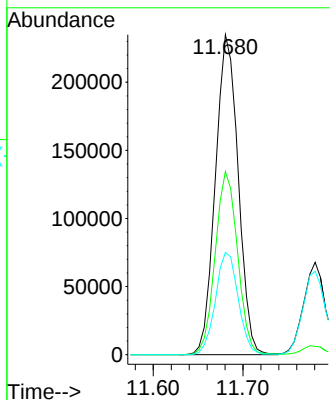
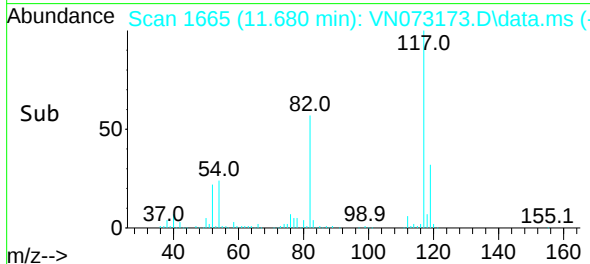
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



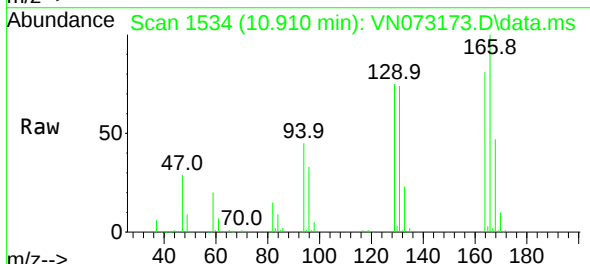
Tgt Ion:117 Resp: 414658
Ion Ratio Lower Upper
117 100
82 57.2 44.2 66.2
119 32.0 25.4 38.0

Manual Integrations
APPROVED

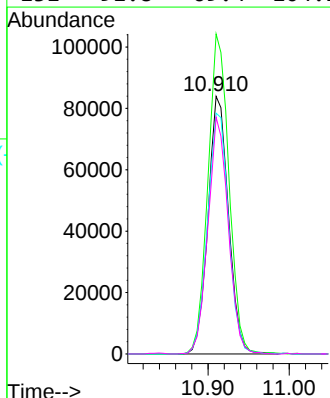
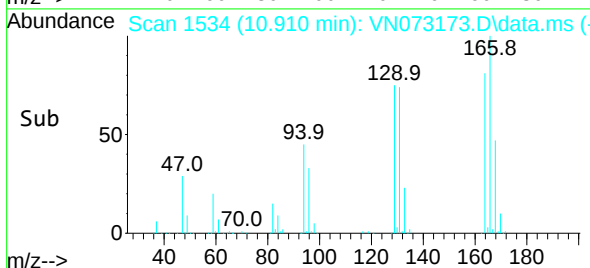
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022

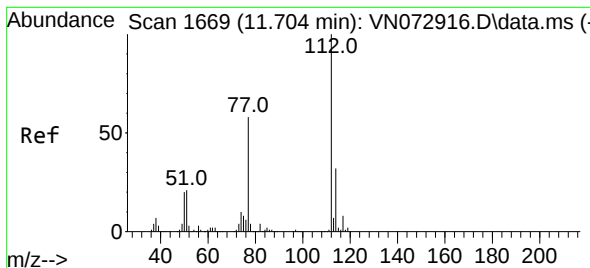


#64
Tetrachloroethene
Concen: 58.125 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43



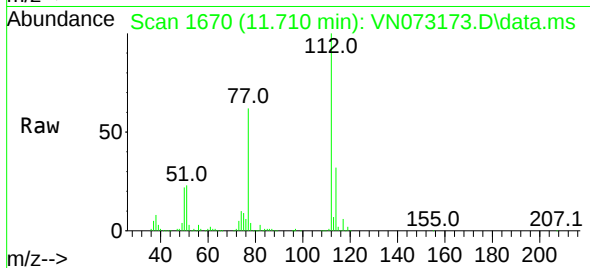
Tgt Ion:164 Resp: 146623
Ion Ratio Lower Upper
164 100
166 124.2 104.2 156.2
129 93.4 73.9 110.9
131 91.8 69.4 104.2





#65
Chlorobenzene
Concen: 52.825 ug/l
RT: 11.710 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

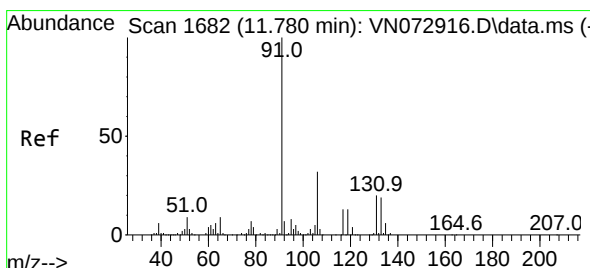
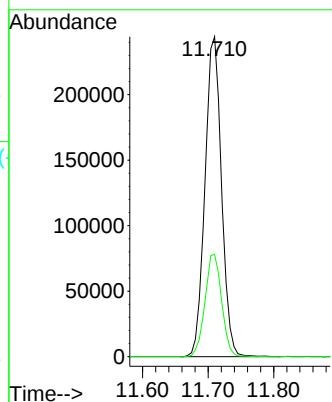
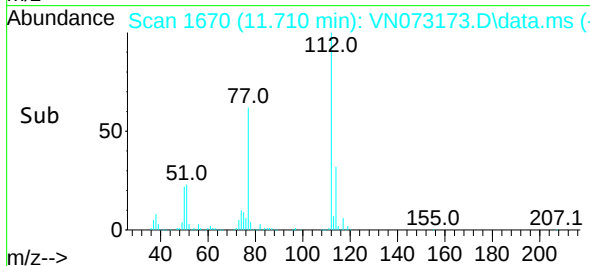
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



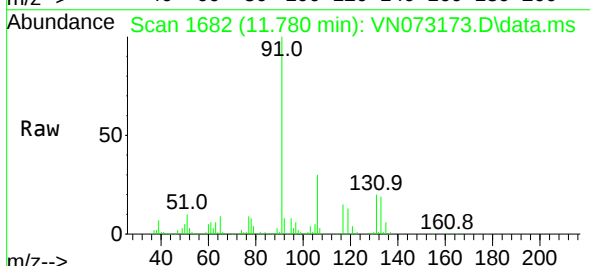
Tgt Ion:112 Resp: 427779
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

Manual Integrations
APPROVED

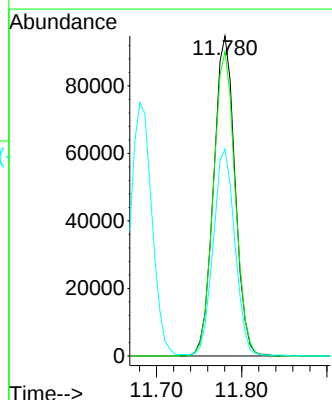
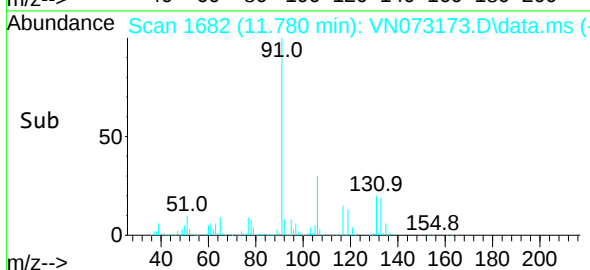
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 53.470 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43



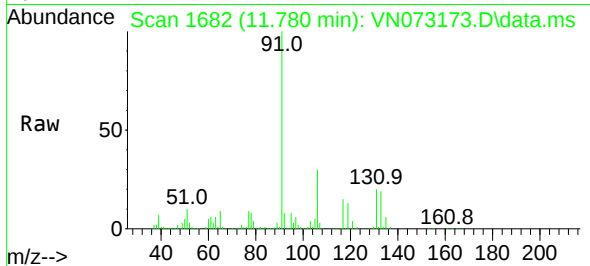
Tgt Ion:131 Resp: 164806
Ion Ratio Lower Upper
131 100
133 96.6 47.8 143.4
119 65.8 33.4 100.2





#67
Ethyl Benzene
Concen: 54.391 ug/l
RT: 11.780 min Scan# 110
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

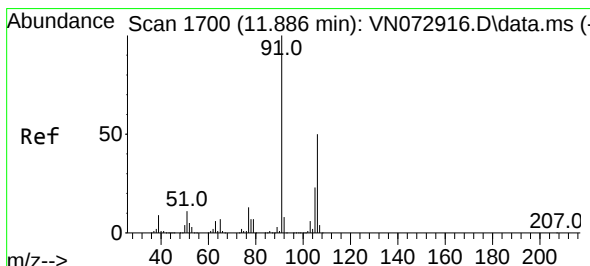
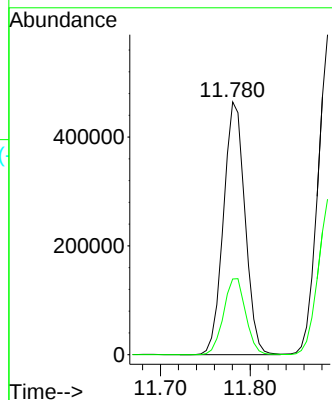
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



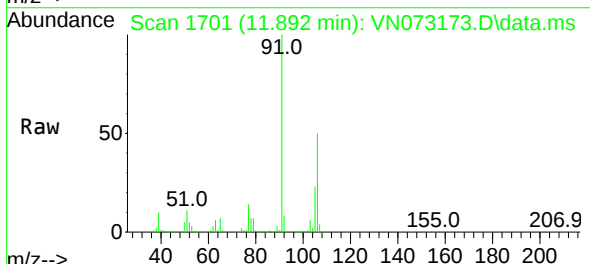
Tgt Ion: 91 Resp: 77537
Ion Ratio Lower Upper
91 100
106 30.0 24.9 37.3

Manual Integrations
APPROVED

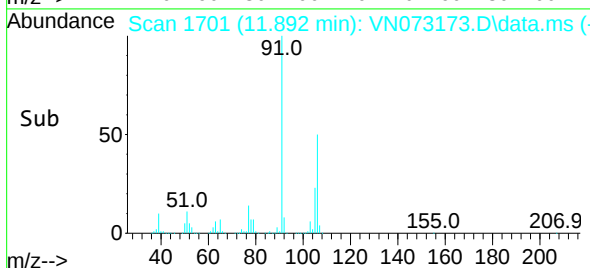
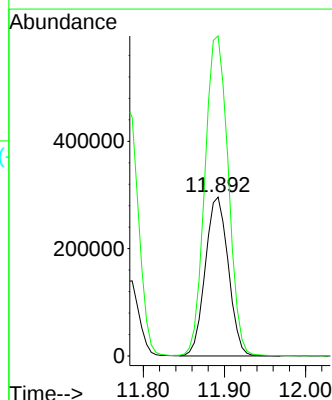
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022

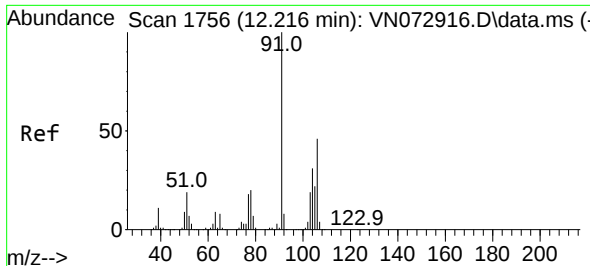


#68
m/p-Xylenes
Concen: 104.240 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43



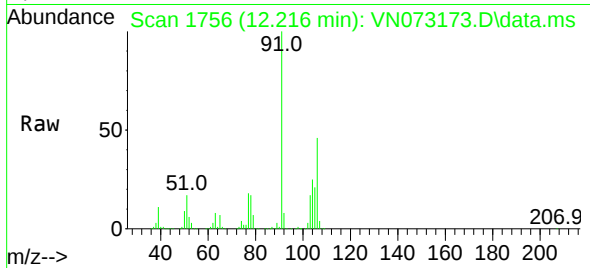
Tgt Ion:106 Resp: 582832
Ion Ratio Lower Upper
106 100
91 204.7 158.9 238.3





#69
o-Xylene
Concen: 53.668 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

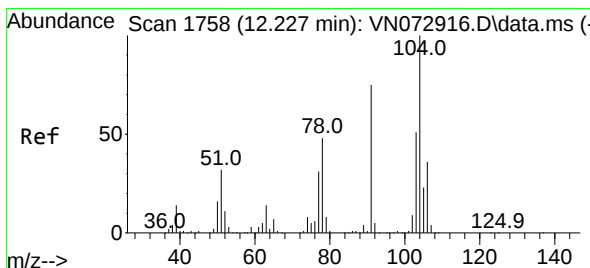
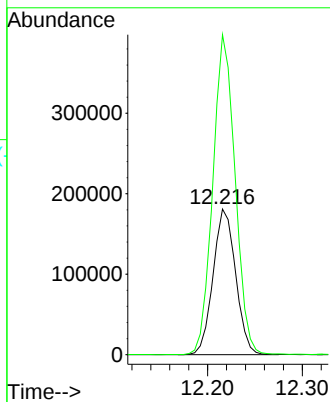
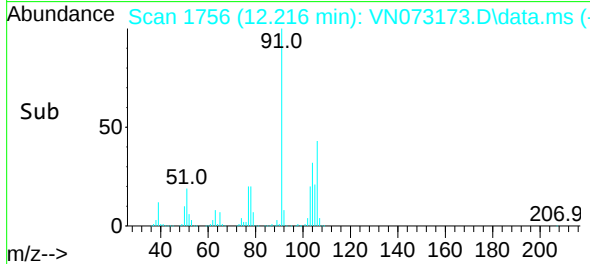
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 29984
Ion Ratio Lower Upper
106 100
91 217.5 106.0 318.0

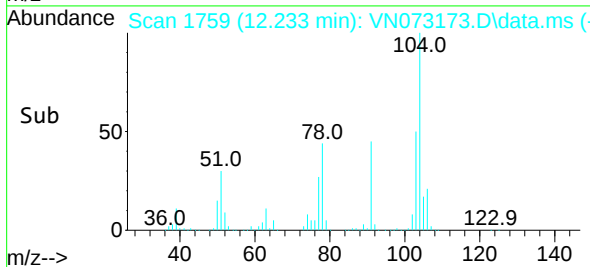
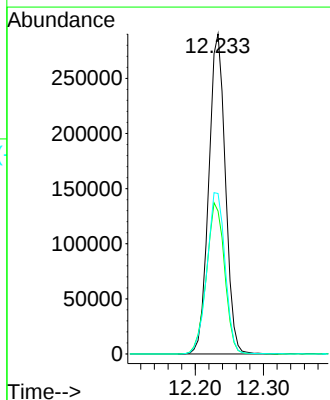
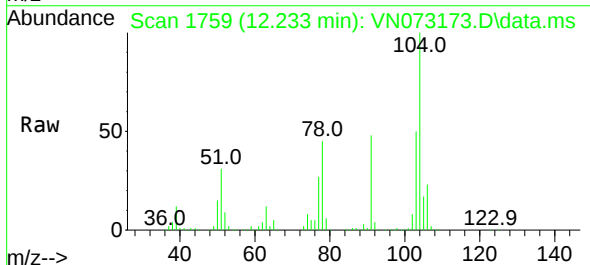
Manual Integrations
APPROVED

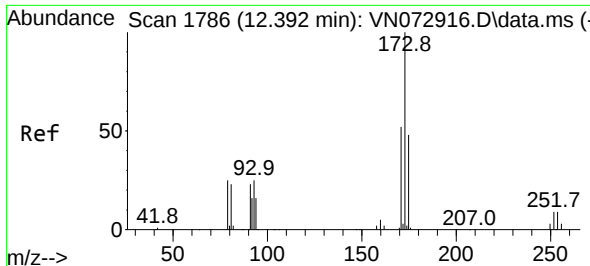
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#70
Styrene
Concen: 54.994 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.006 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

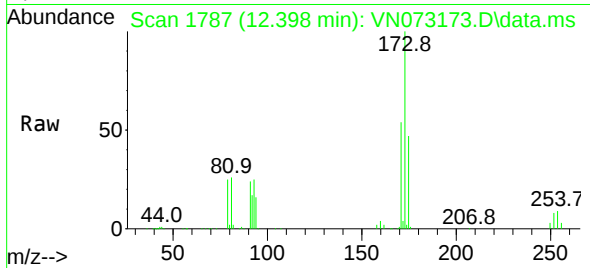
Tgt Ion:104 Resp: 493414
Ion Ratio Lower Upper
104 100
78 51.4 39.5 59.3
103 55.1 44.0 66.0





#71
Bromoform
Concen: 58.041 ug/l
RT: 12.398 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

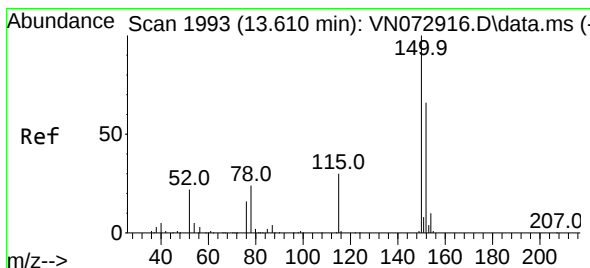
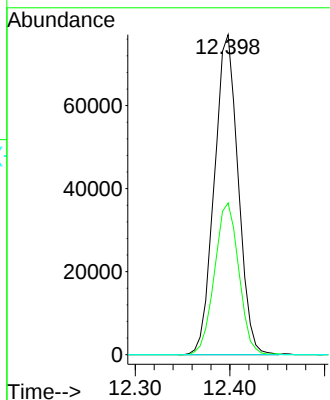
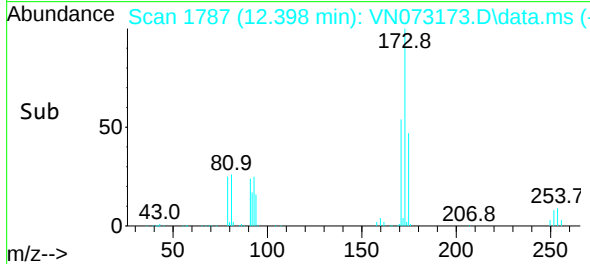
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



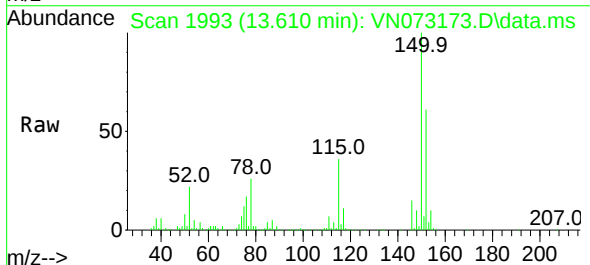
Tgt Ion:173 Resp: 134880
Ion Ratio Lower Upper
173 100
175 48.2 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

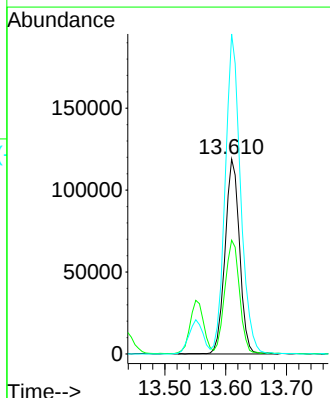
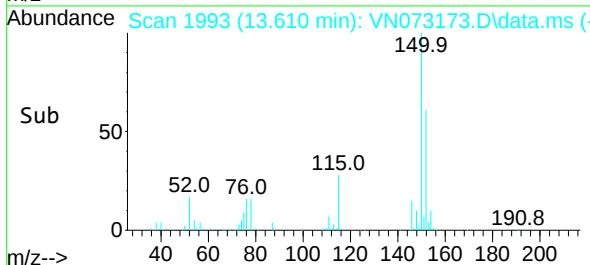
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022

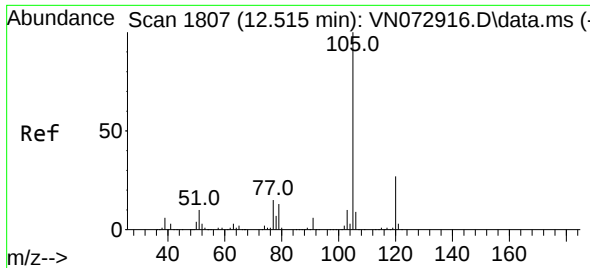


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43



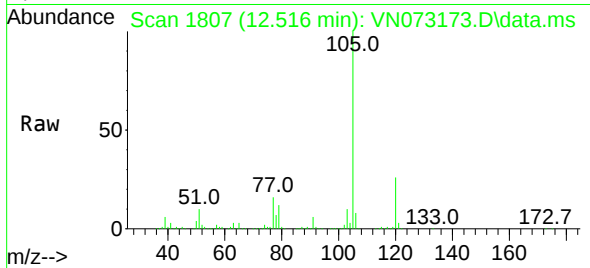
Tgt Ion:152 Resp: 196880
Ion Ratio Lower Upper
152 100
115 58.1 28.9 86.7
150 174.1 0.0 356.2





#73
Isopropylbenzene
Concen: 51.852 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

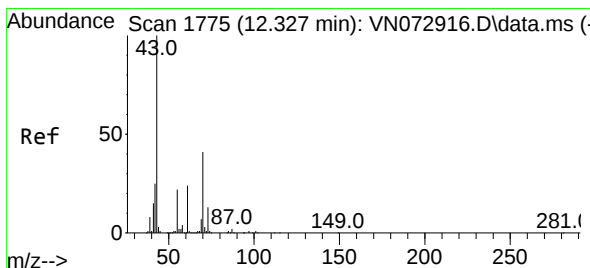
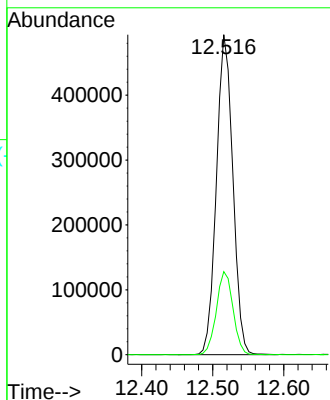
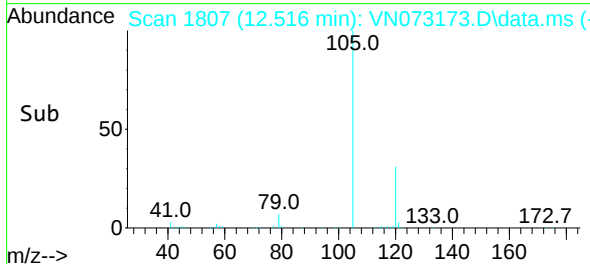
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



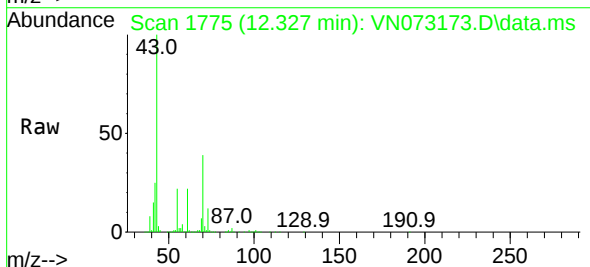
Tgt Ion:105 Resp: 789768
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.4

Manual Integrations
APPROVED

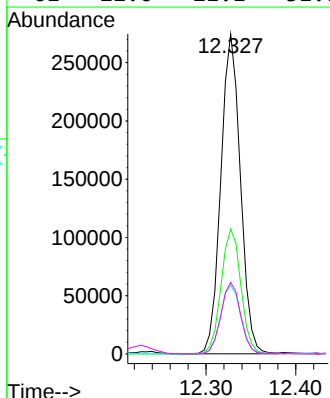
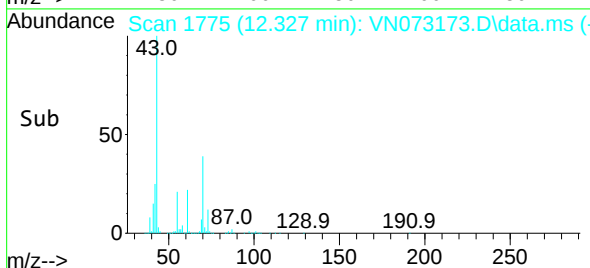
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022

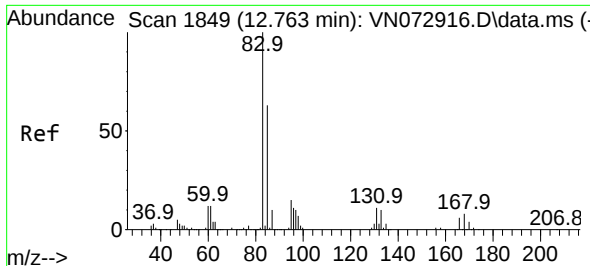


#74
N-ethyl acetate
Concen: 52.529 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43



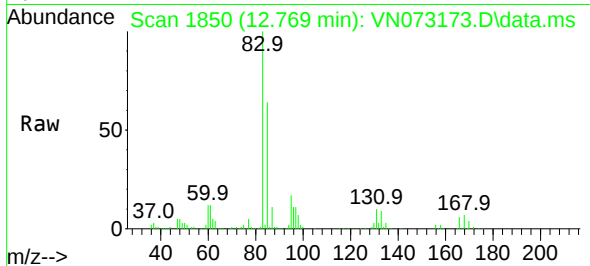
Tgt Ion: 43 Resp: 415192
Ion Ratio Lower Upper
43 100
70 39.6 39.0 58.4
55 22.4 21.1 31.7
61 22.6 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 49.690 ug/l
RT: 12.769 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

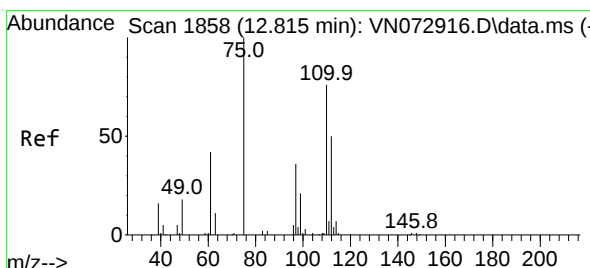
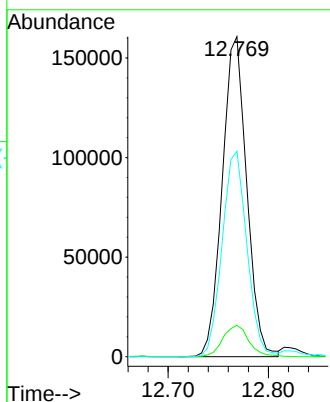
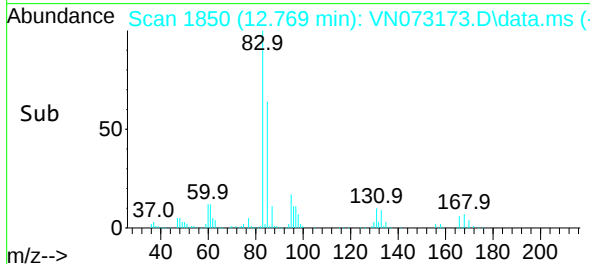
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 272564
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.9
85 65.0 32.3 96.9

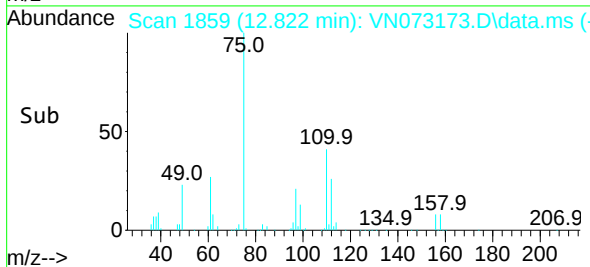
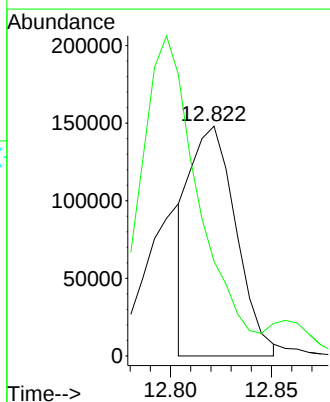
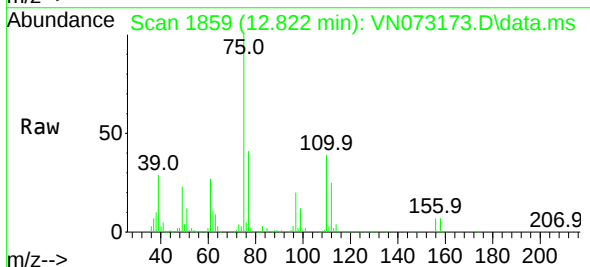
Manual Integrations
APPROVED

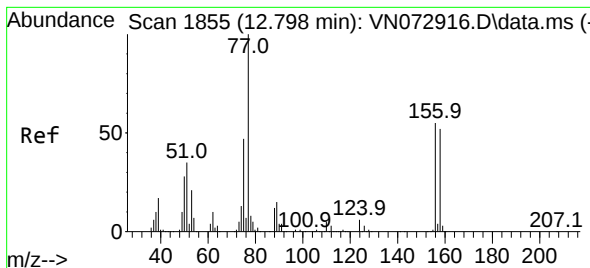
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#76
1,2,3-Trichloropropane
Concen: 49.147 ug/l m
RT: 12.822 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

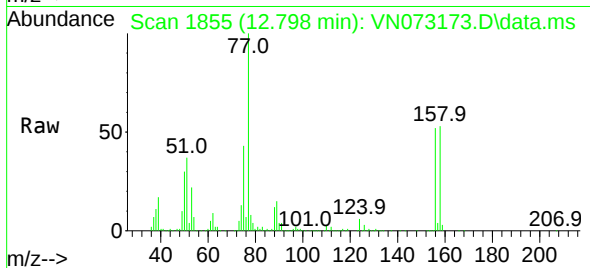
Tgt Ion: 75 Resp: 234597
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 49.804 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

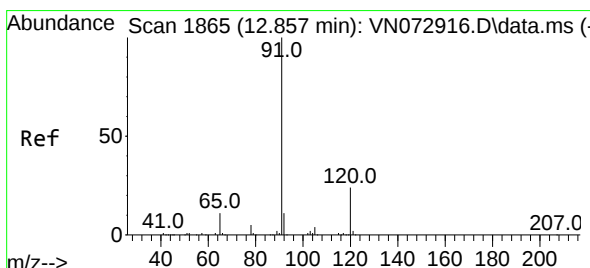
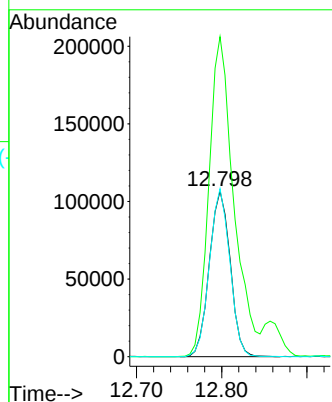
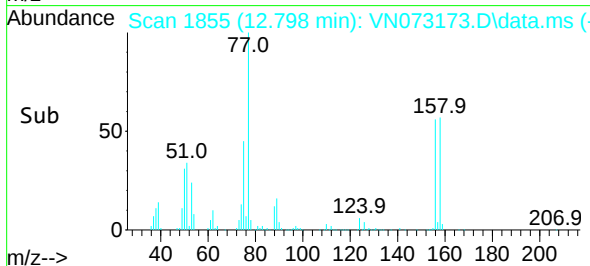
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



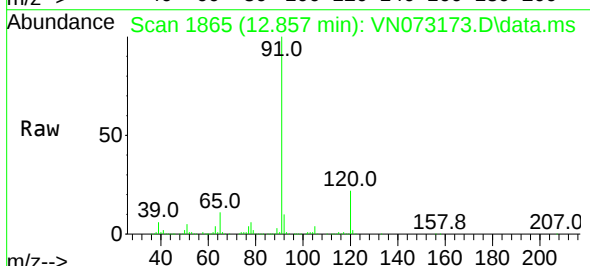
Tgt Ion:156 Resp: 18172
Ion Ratio Lower Upper
156 100
77 230.3 100.5 301.5
158 99.2 48.9 146.6

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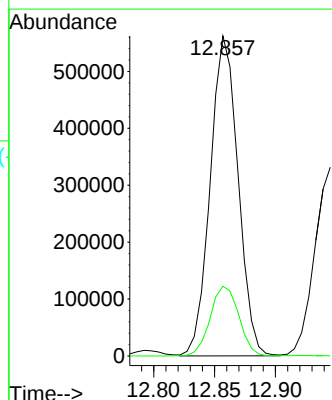
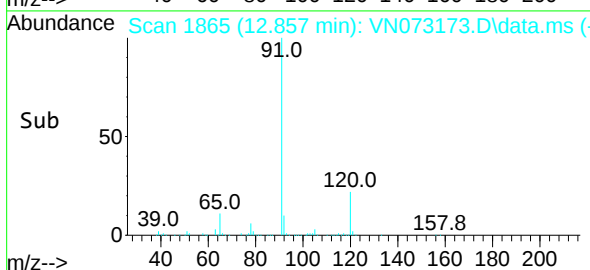
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022

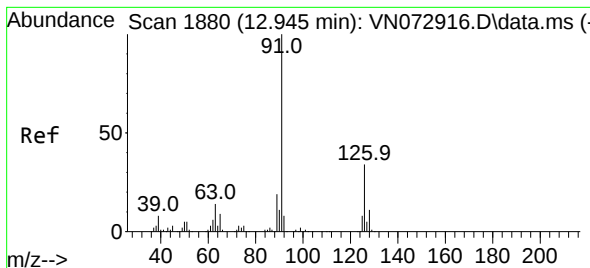


#78
n-propylbenzene
Concen: 53.460 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43



Tgt Ion: 91 Resp: 895634
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.5





#79

2-Chlorotoluene

Concen: 51.137 ug/l

RT: 12.945 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN073173.D

Acq: 27 Jun 2022 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 55477

Ion Ratio Lower Upper

91 100

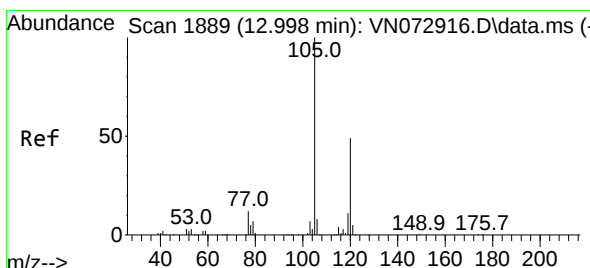
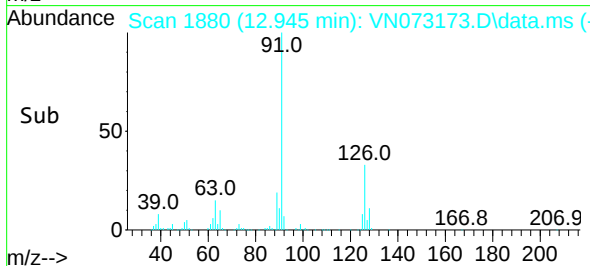
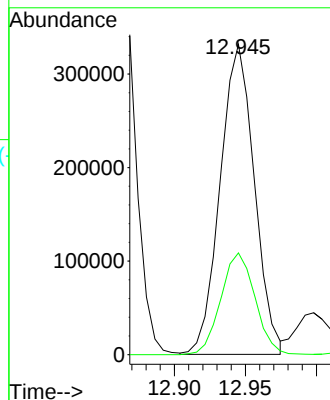
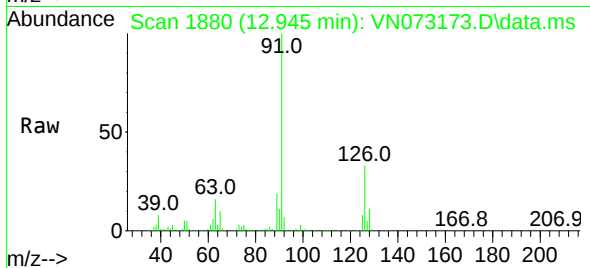
126 32.8 17.3 51.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/30/2022



#80

1,3,5-Trimethylbenzene

Concen: 51.756 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VN073173.D

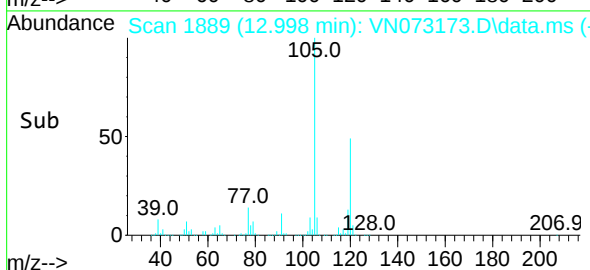
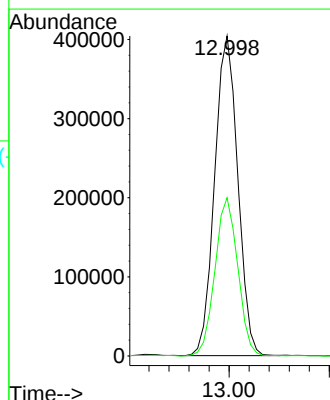
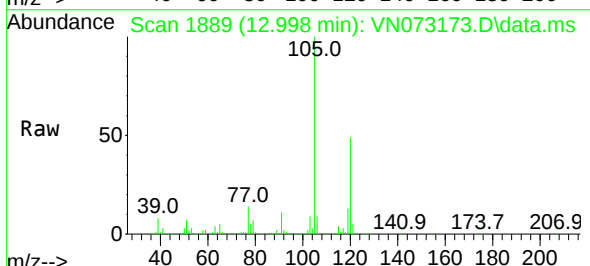
Acq: 27 Jun 2022 19:43

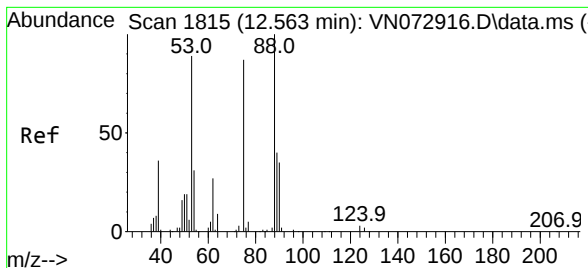
Tgt Ion:105 Resp: 647528

Ion Ratio Lower Upper

105 100

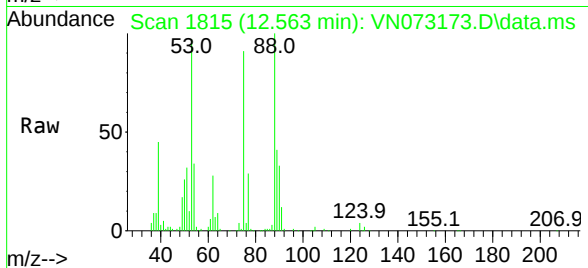
120 48.8 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 49.315 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

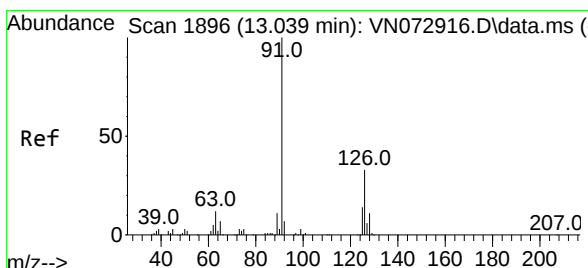
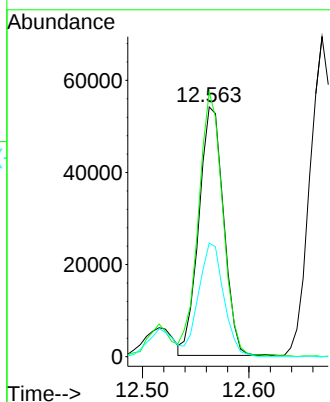
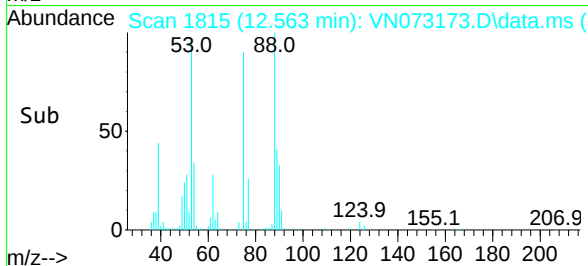
Instrument :
MSVOA_N
ClientSampleId :
VSTDC0050EC



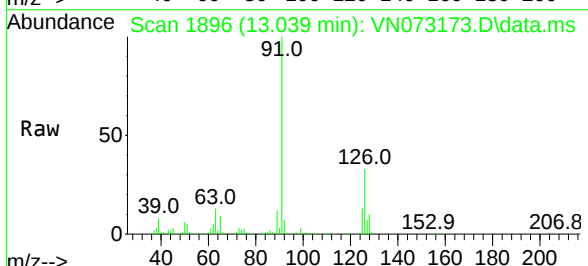
Tgt Ion: 75 Resp: 87164
Ion Ratio Lower Upper
75 100
53 105.8 78.0 117.0
89 46.0 37.2 55.8

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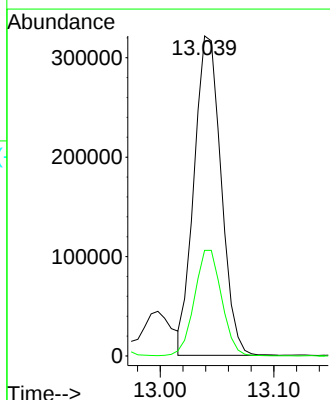
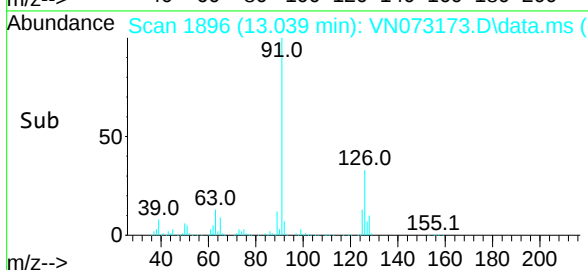
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022

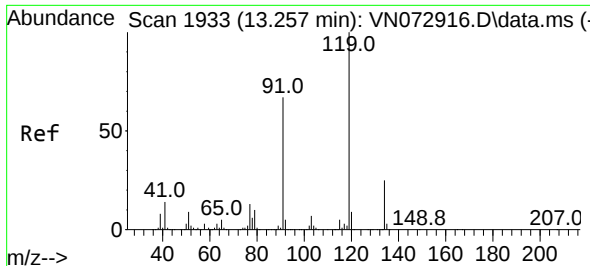


#82
4-Chlorotoluene
Concen: 51.697 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43



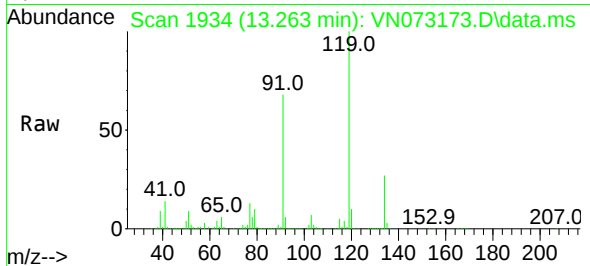
Tgt Ion: 91 Resp: 530634
Ion Ratio Lower Upper
91 100
126 33.5 17.2 51.6





#83
tert-Butylbenzene
Concen: 51.577 ug/l
RT: 13.263 min Scan# 1933
Delta R.T. 0.006 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

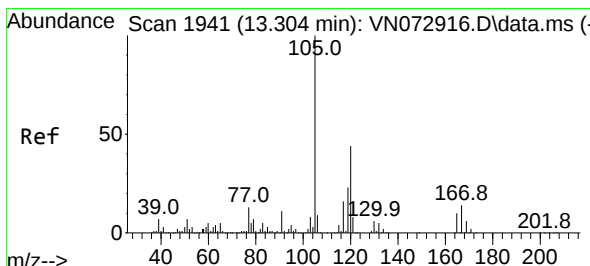
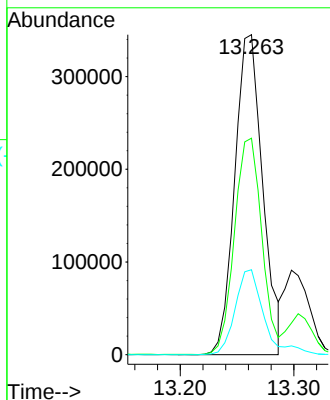
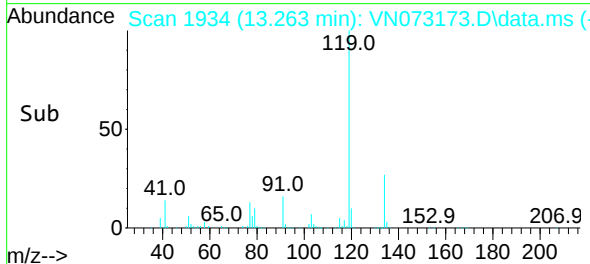
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 590982
Ion Ratio Lower Upper
119 100
91 66.1 31.6 94.8
134 27.2 13.7 41.1

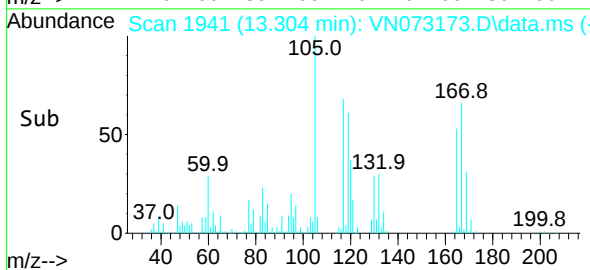
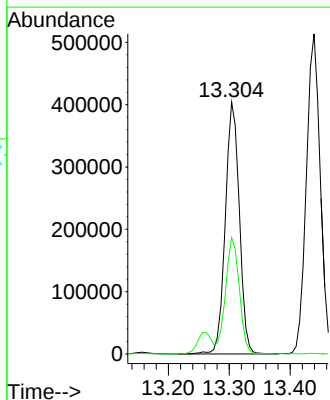
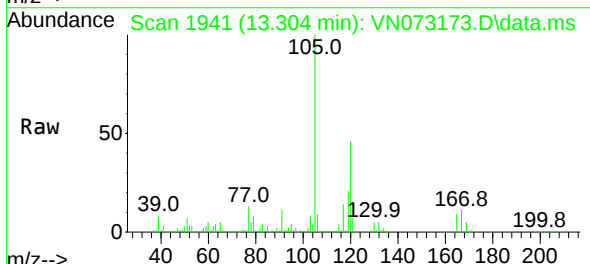
Manual Integrations
APPROVED

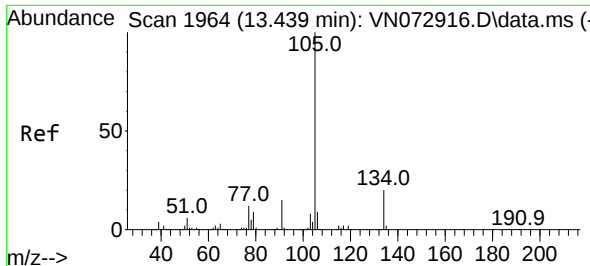
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#84
1,2,4-Trimethylbenzene
Concen: 52.029 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

Tgt Ion:105 Resp: 648349
Ion Ratio Lower Upper
105 100
120 45.8 23.3 69.8





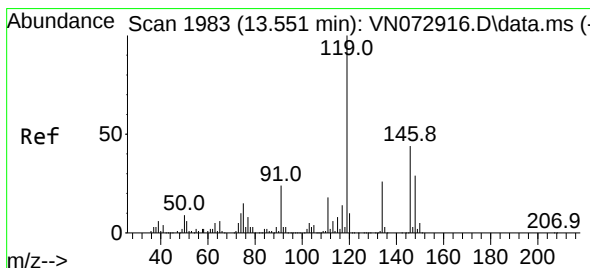
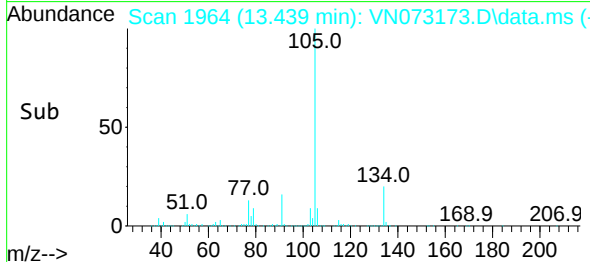
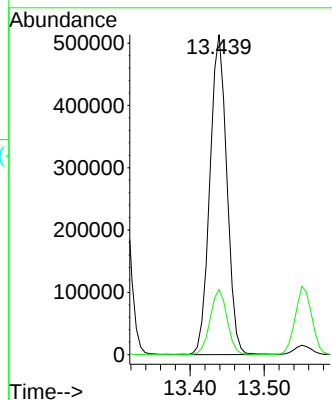
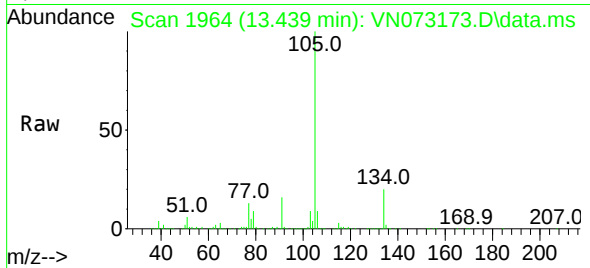
#85
 sec-Butylbenzene
 Concen: 53.350 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073173.D
 Acq: 27 Jun 2022 19:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 815459
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1

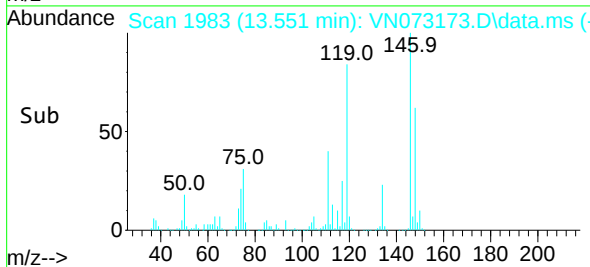
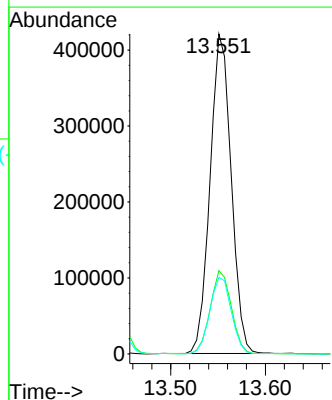
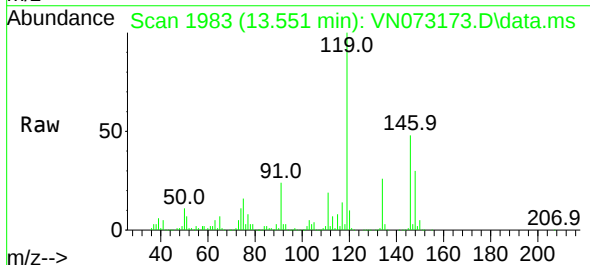
Manual Integrations
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Reviewed By :John Carlone 06/28/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#86
 p-Isopropyltoluene
 Concen: 52.787 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN073173.D
 Acq: 27 Jun 2022 19:43

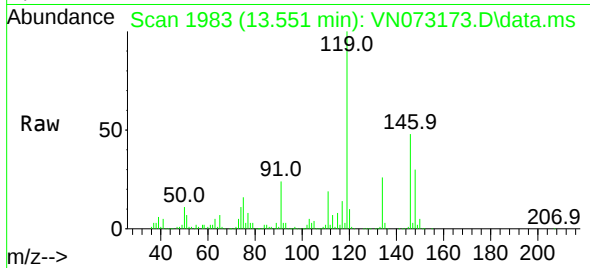
Tgt Ion:119 Resp: 653251
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.8
 91 24.2 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 51.476 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

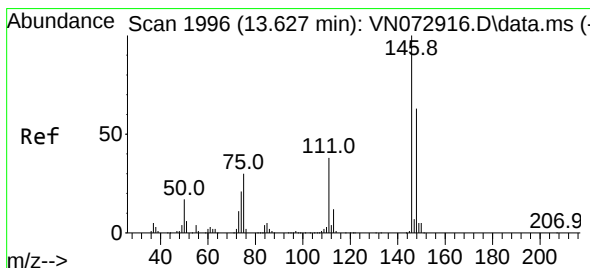
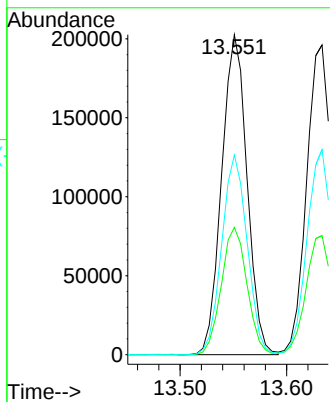
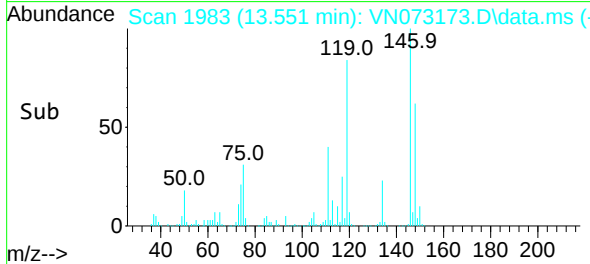
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



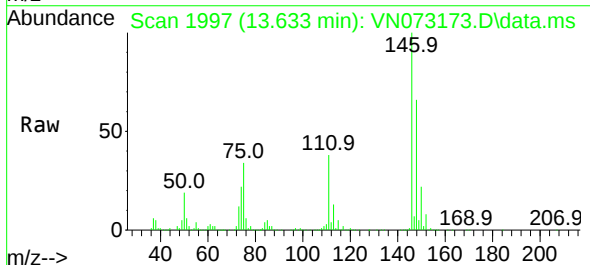
Tgt Ion:146 Resp: 335335
Ion Ratio Lower Upper
146 100
111 40.3 20.0 60.0
148 62.6 32.0 96.0

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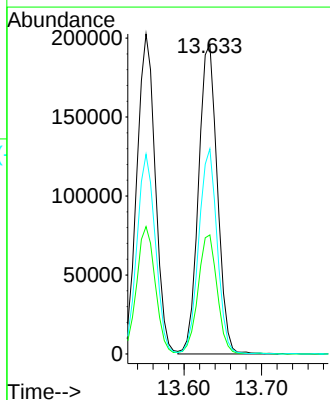
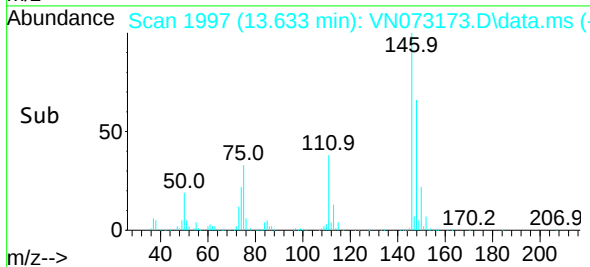
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022

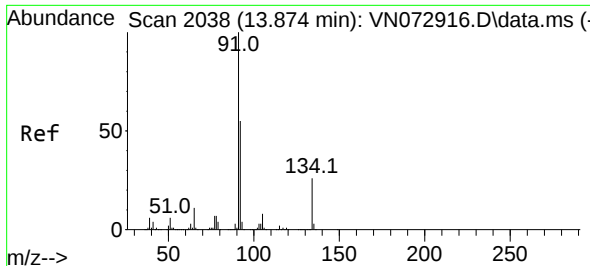


#88
1,4-Dichlorobenzene
Concen: 50.154 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.006 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43



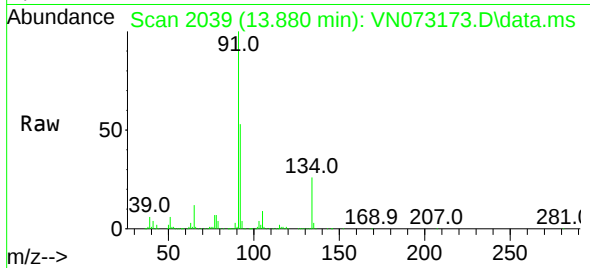
Tgt Ion:146 Resp: 330685
Ion Ratio Lower Upper
146 100
111 38.8 19.1 57.1
148 64.3 31.4 94.3





#89
n-Butylbenzene
Concen: 54.441 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

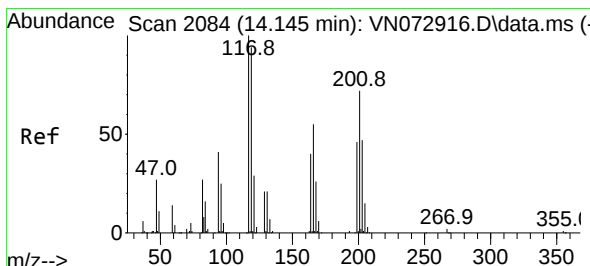
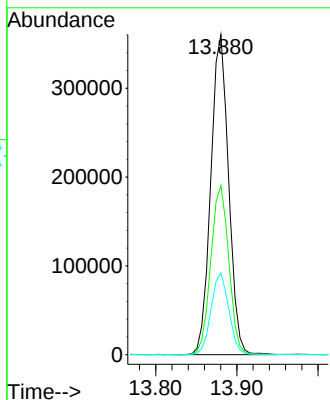
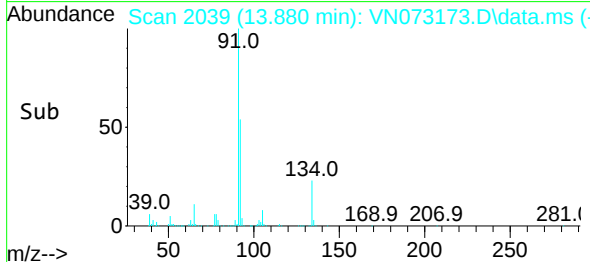
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 55012
Ion Ratio Lower Upper
91 100
92 53.6 26.9 80.7
134 25.5 13.6 40.8

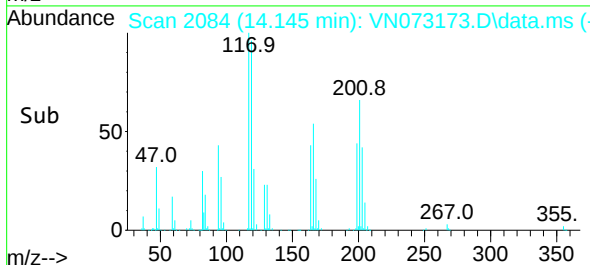
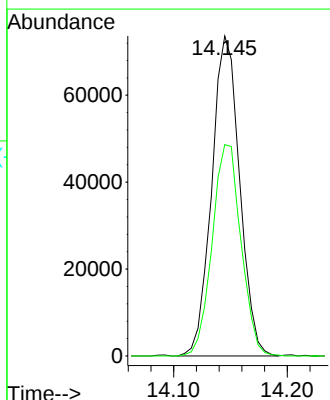
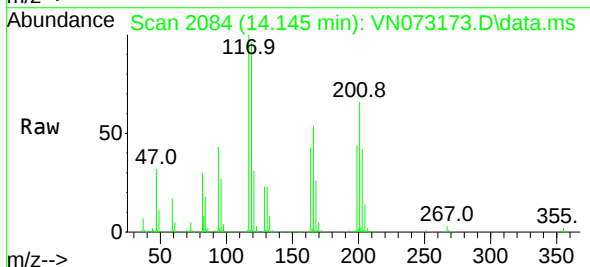
Manual Integrations
APPROVED

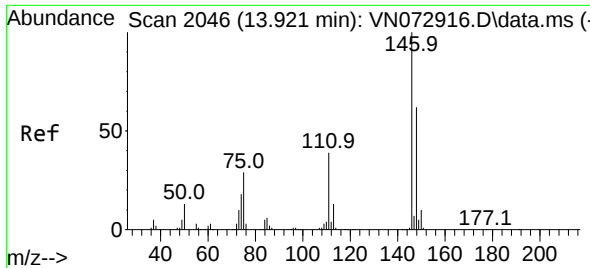
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022



#90
Hexachloroethane
Concen: 53.917 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

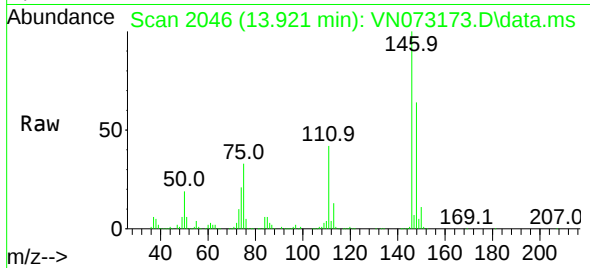
Tgt Ion:117 Resp: 125789
Ion Ratio Lower Upper
117 100
201 68.1 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 51.090 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

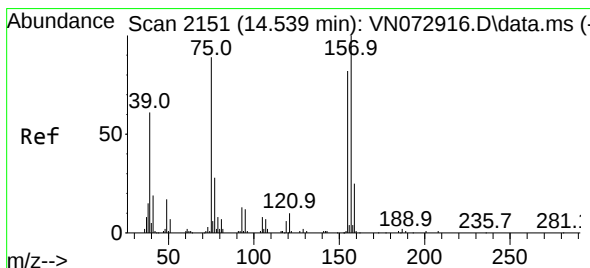
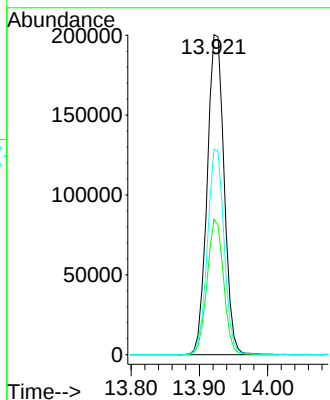
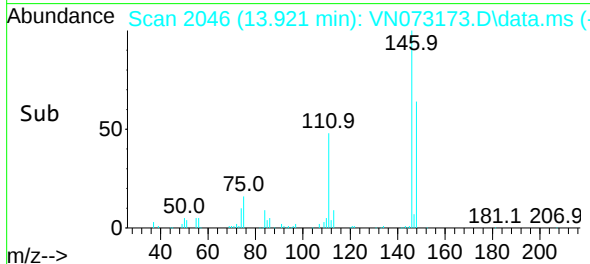
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



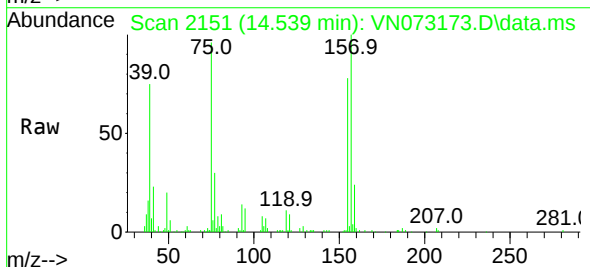
Tgt Ion:146 Resp: 347088
Ion Ratio Lower Upper
146 100
111 41.2 20.9 62.8
148 63.2 32.1 96.3

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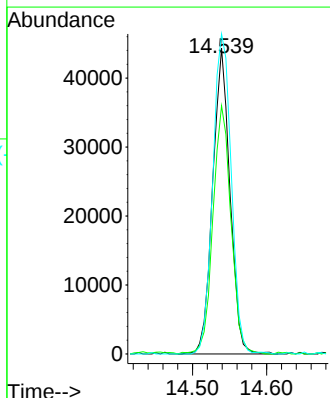
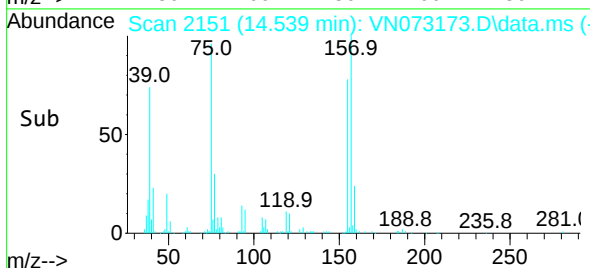
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022

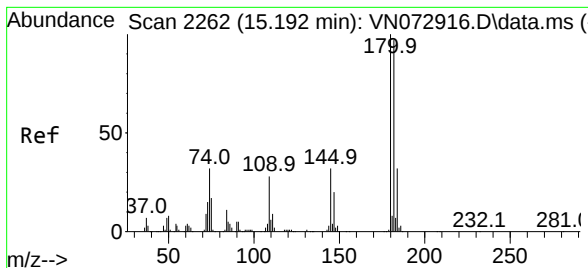


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.989 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43



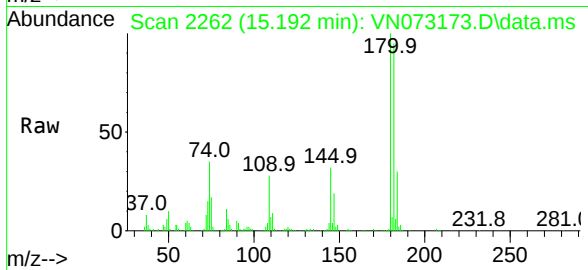
Tgt Ion: 75 Resp: 71911
Ion Ratio Lower Upper
75 100
155 84.6 44.9 134.5
157 111.7 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 51.556 ug/l
RT: 15.192 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43

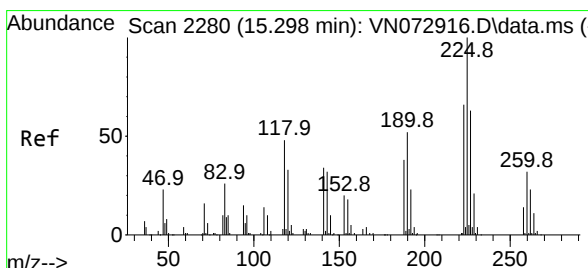
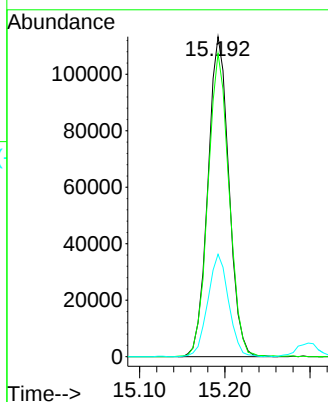
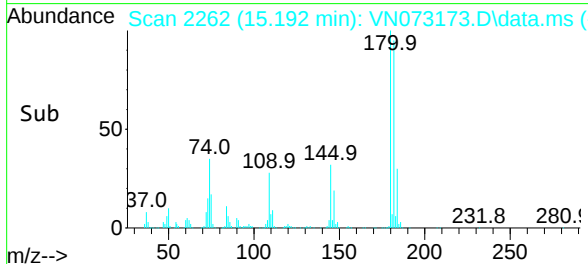
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



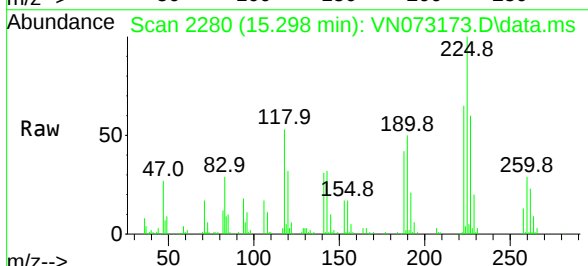
Tgt Ion:180 Resp: 19384
Ion Ratio Lower Upper
180 100
182 95.6 47.5 142.5
145 31.7 14.5 43.5

Manual Integrations
APPROVED

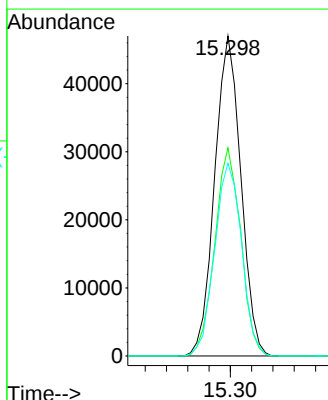
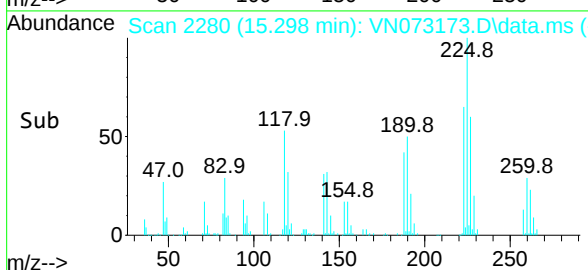
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/30/2022

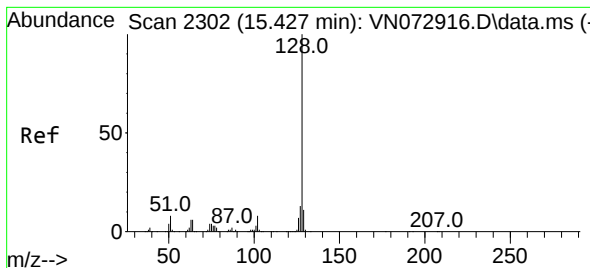


#94
Hexachlorobutadiene
Concen: 49.063 ug/l
RT: 15.298 min Scan# 2280
Delta R.T. 0.000 min
Lab File: VN073173.D
Acq: 27 Jun 2022 19:43



Tgt Ion:225 Resp: 80272
Ion Ratio Lower Upper
225 100
223 64.4 32.4 97.2
227 62.0 31.8 95.4





#95

Naphthalene

Concen: 51.526 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073173.D

Acq: 27 Jun 2022 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

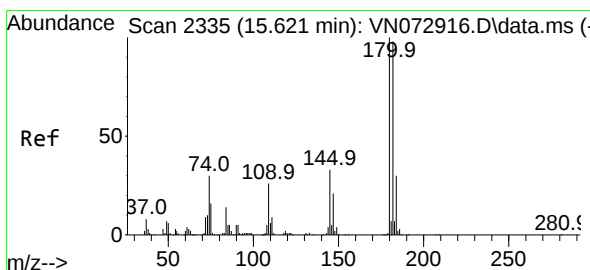
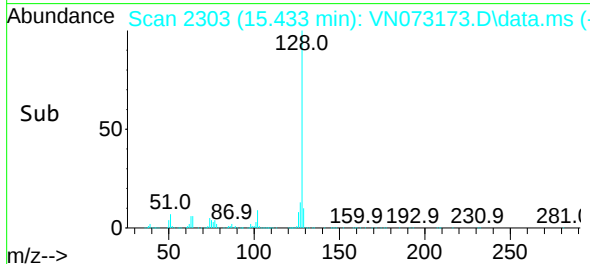
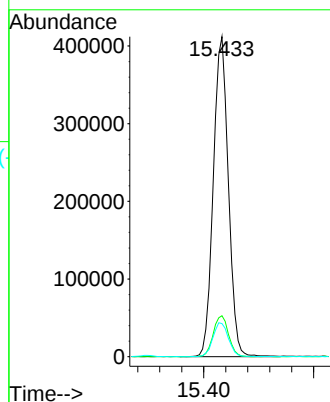
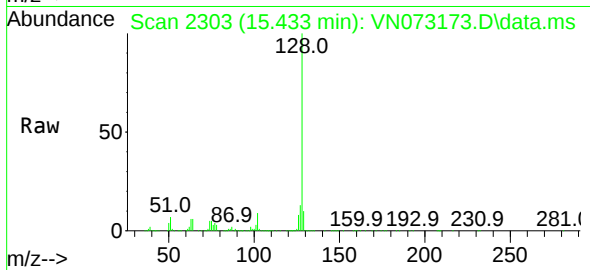
Tgt Ion:128 Resp: 78368
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.3 15.5
 129 11.0 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/30/2022



#96

1,2,3-Trichlorobenzene

Concen: 50.250 ug/l

RT: 15.621 min Scan# 2335

Delta R.T. 0.000 min

Lab File: VN073173.D

Acq: 27 Jun 2022 19:43

Tgt Ion:180 Resp: 201745
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.8 143.3
 145 33.7 15.5 46.5

