

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030822\
 Data File : VN071183.D
 Acq On : 08 Mar 2022 11:37
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/09/2022
 Supervised By : Mahesh Dadoda 03/09/2022

Quant Time: Mar 09 03:59:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	636319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1014357	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	945939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	383215	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	434254	49.794	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.580%
35) Dibromofluoromethane	8.016	113	327367	51.144	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.280%
50) Toluene-d8	10.433	98	1334332	51.774	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.540%
62) 4-Bromofluorobenzene	12.727	95	457041	52.370	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	322158	46.195	ug/l	97
3) Chloromethane	2.299	50	432392	46.181	ug/l	99
4) Vinyl Chloride	2.446	62	397570	46.518	ug/l	100
5) Bromomethane	2.834	94	218839	58.339	ug/l	100
6) Chloroethane	3.010	64	257256	49.704	ug/l	98
7) Trichlorofluoromethane	3.369	101	524792	46.652	ug/l	96
8) Diethyl Ether	3.822	74	233746	48.558	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.210	101	309548	47.535	ug/l	96
10) Methyl Iodide	4.422	142	440939	47.940	ug/l	99
11) Tert butyl alcohol	5.357	59	393827	229.877	ug/l	98
12) 1,1-Dichloroethene	4.187	96	297730	46.671	ug/l	94
13) Acrolein	4.040	56	405512	223.627	ug/l	99
14) Allyl chloride	4.840	41	652137	47.001	ug/l	87
15) Acrylonitrile	5.551	53	1174092	230.800	ug/l	98
16) Acetone	4.281	43	1015104	239.222	ug/l	96
17) Carbon Disulfide	4.534	76	839916	46.247	ug/l	99
18) Methyl Acetate	4.851	43	538916	47.315	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	1168512	48.787	ug/l	96
20) Methylene Chloride	5.098	84	372336	48.025	ug/l	93
21) trans-1,2-Dichloroethene	5.593	96	324677	46.530	ug/l	91
22) Diisopropyl ether	6.492	45	1330747	48.683	ug/l	93
23) Vinyl Acetate	6.428	43	5737342	247.929	ug/l	98
24) 1,1-Dichloroethane	6.387	63	685014	47.425	ug/l	99
25) 2-Butanone	7.328	43	1603096	234.523	ug/l	95
26) 2,2-Dichloropropane	7.322	77	549309	49.295	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	389751	47.063	ug/l	90
28) Bromochloromethane	7.657	49	308905	48.025	ug/l	82
29) Tetrahydrofuran	7.681	42	1091679	230.530	ug/l	91
30) Chloroform	7.816	83	649026	47.112	ug/l	98
31) Cyclohexane	8.092	56	647533	46.496	ug/l	92
32) 1,1,1-Trichloroethane	8.010	97	558312	47.577	ug/l	98
36) 1,1-Dichloropropene	8.216	75	494979	48.264	ug/l	97
37) Ethyl Acetate	7.404	43	640022	45.345	ug/l	98
38) Carbon Tetrachloride	8.204	117	483895	48.780	ug/l	98
39) Methylcyclohexane	9.457	83	624651	51.774	ug/l	92
40) Benzene	8.457	78	1509541	48.853	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	353733	51.211	ug/l #	84
42) 1,2-Dichloroethane	8.528	62	533956	49.658	ug/l	99
43) Isopropyl Acetate	8.557	43	1003068	47.523	ug/l	97
44) Trichloroethene	9.210	130	357837	49.081	ug/l	95
45) 1,2-Dichloropropane	9.486	63	403824	48.684	ug/l	100
46) Dibromomethane	9.575	93	251282	49.219	ug/l	97
47) Bromodichloromethane	9.757	83	512748	49.697	ug/l	98
48) Methyl methacrylate	9.551	41	486244	49.711	ug/l #	83
49) 1,4-Dioxane	9.563	88	166315	978.209	ug/l #	86
51) 4-Methyl-2-Pentanone	10.328	43	3176611	242.508	ug/l	99
52) Toluene	10.498	92	961089	50.511	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	584845	51.423	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	637995	51.339	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	369067	48.405	ug/l	99
56) Ethyl methacrylate	10.757	69	630221	50.615	ug/l	91
57) 1,3-Dichloropropane	11.039	76	665967	48.662	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	484297	192.362	ug/l	94
59) 2-Hexanone	11.080	43	2231805	249.710	ug/l	99
60) Dibromochloromethane	11.233	129	387949	51.210	ug/l	100
61) 1,2-Dibromoethane	11.339	107	381548	48.964	ug/l	99
64) Tetrachloroethene	10.975	164	324847	49.239	ug/l	99
65) Chlorobenzene	11.763	112	992817	48.872	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	366039	49.140	ug/l	99
67) Ethyl Benzene	11.839	91	1820041	50.671	ug/l	97
68) m/p-Xylenes	11.951	106	1380347	105.049	ug/l	99
69) o-Xylene	12.274	106	680713	51.681	ug/l	97
70) Styrene	12.292	104	1092304	53.574	ug/l	97
71) Bromoform	12.451	173	293264	51.843	ug/l #	99
73) Isopropylbenzene	12.574	105	1773238	48.002	ug/l	99
74) N-amyl acetate	12.380	43	666008	47.949	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	563768	51.429	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	506596m	54.815	ug/l	
77) Bromobenzene	12.857	156	408608	47.434	ug/l	84
78) n-propylbenzene	12.916	91	1960927	49.468	ug/l	98
79) 2-Chlorotoluene	13.004	91	1193766	46.913	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	1421759	49.469	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	171826	48.470	ug/l	91
82) 4-Chlorotoluene	13.098	91	1139148	50.259	ug/l	94
83) tert-Butylbenzene	13.321	119	1256571	48.992	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1376432	50.000	ug/l	100
85) sec-Butylbenzene	13.498	105	1736246	50.929	ug/l	99
86) p-Isopropyltoluene	13.610	119	1390305	51.856	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	669613	47.841	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	651207	47.597	ug/l	98
89) n-Butylbenzene	13.939	91	1074802	51.255	ug/l	96
90) Hexachloroethane	14.204	117	257869	48.366	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	642796	47.769	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	97189	45.217	ug/l	89
93) 1,2,4-Trichlorobenzene	15.263	180	310028	49.403	ug/l	96
94) Hexachlorobutadiene	15.363	225	190771	50.501	ug/l	98
95) Naphthalene	15.504	128	793188	45.642	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	293131	48.792	ug/l	99

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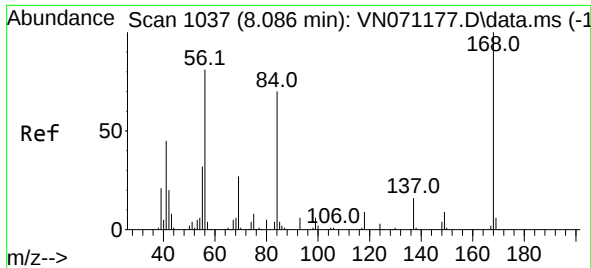
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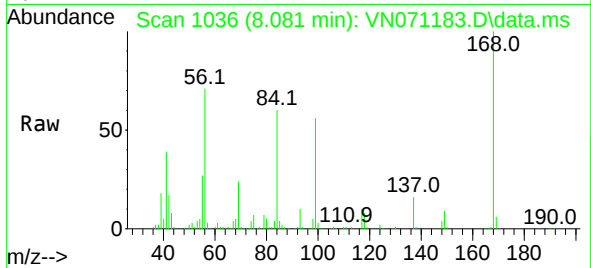
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071183.D
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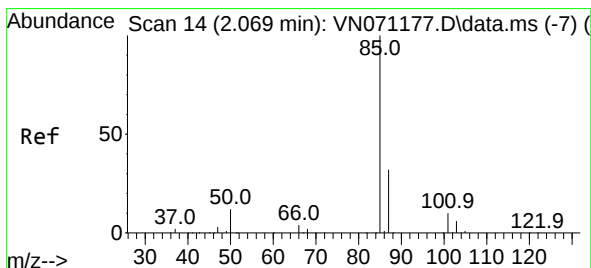
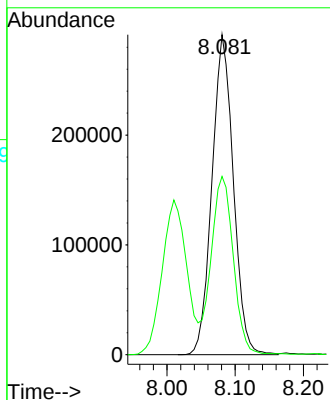
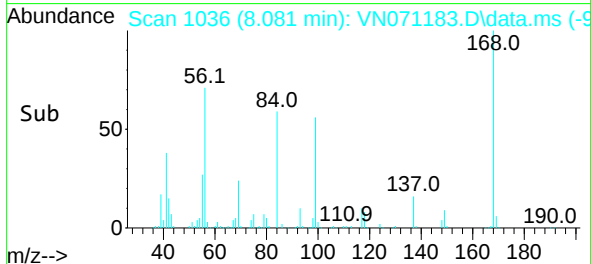
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



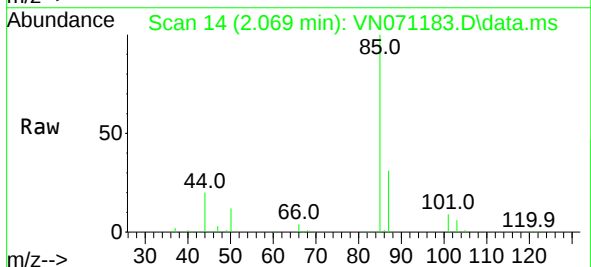
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Ion Ratio Lower Upper
168 100
99 55.4 41.3 61.9

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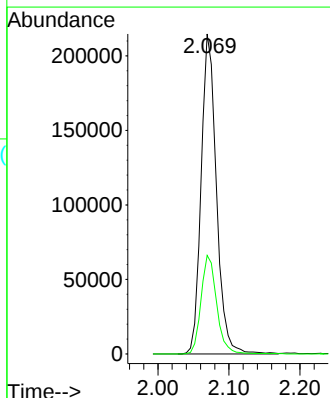
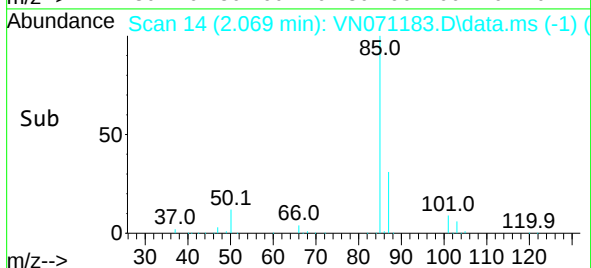
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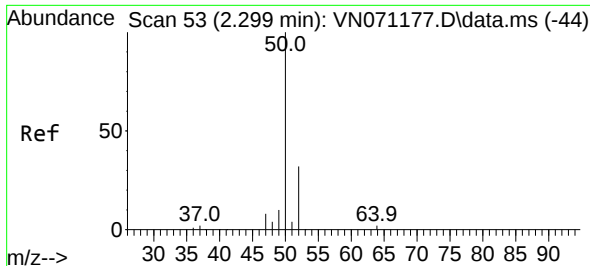


#2
Dichlorodifluoromethane
Concen: 46.195 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37



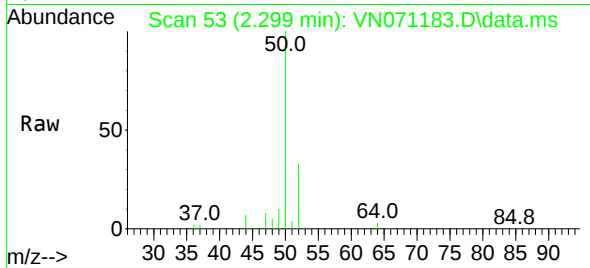
Tgt Ion: 85 Resp: 322158
Ion Ratio Lower Upper
85 100
87 30.8 16.3 48.9





#3
Chloromethane
Concen: 46.181 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

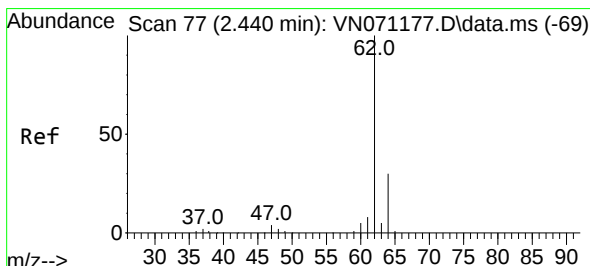
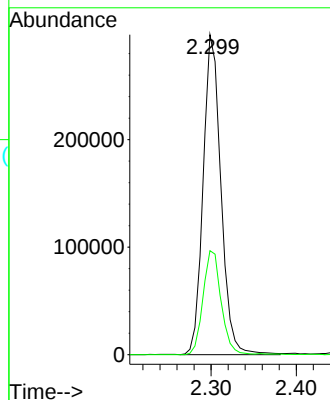
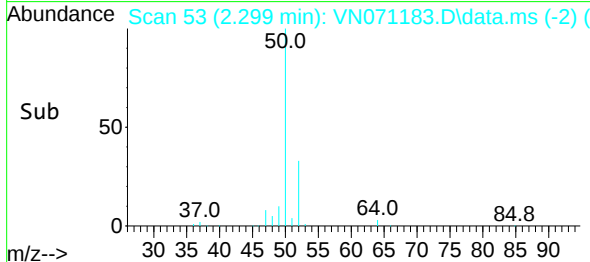
Instrument :
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Tgt Ion: 50 Resp: 432392
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.0

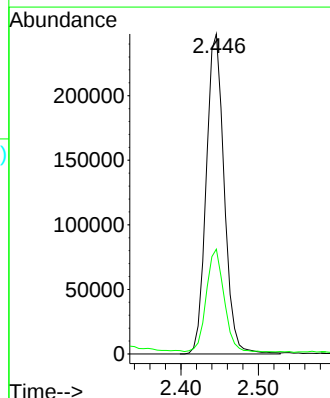
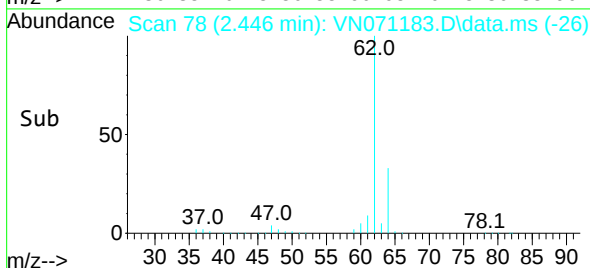
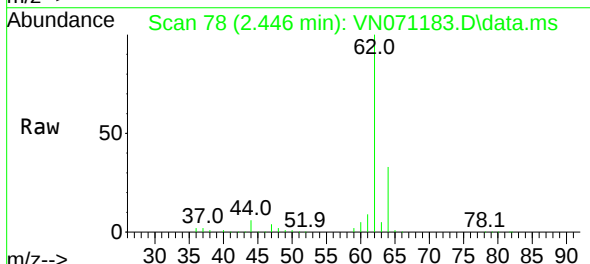
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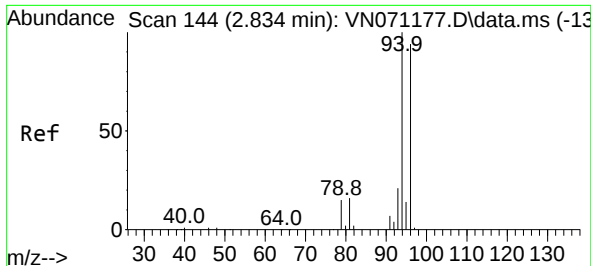
Reviewed By :John Carlone 03/09/2022
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#4
Vinyl Chloride
Concen: 46.518 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.006 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

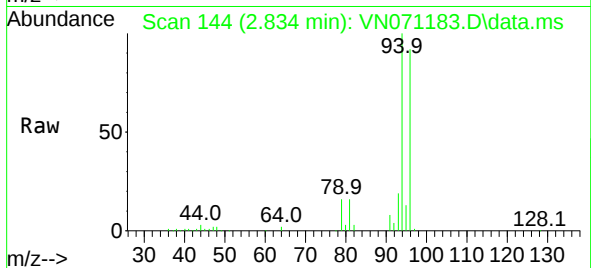
Tgt Ion: 62 Resp: 397570
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.6





#5
Bromomethane
Concen: 58.339 ug/l
RT: 2.834 min Scan# 144
Delta R.T. -0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

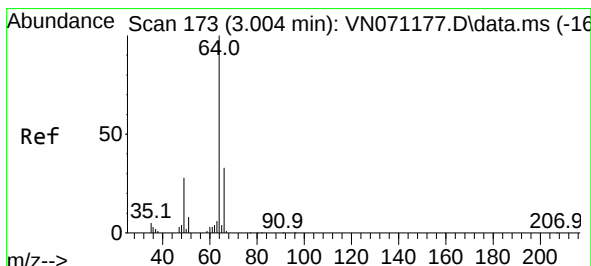
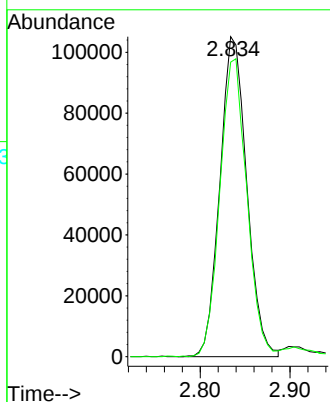
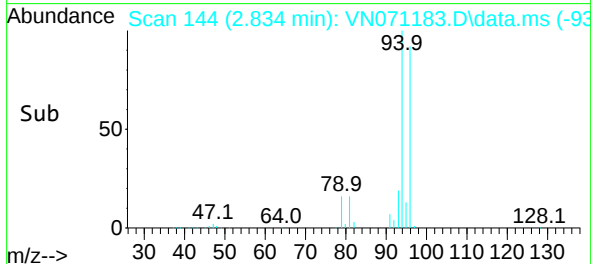
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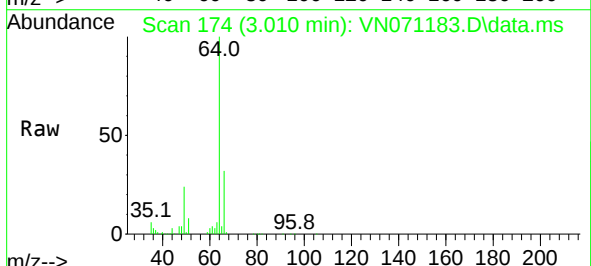
Tgt Ion: 94 Resp: 218839
Ion Ratio Lower Upper
94 100
96 92.1 73.8 110.8

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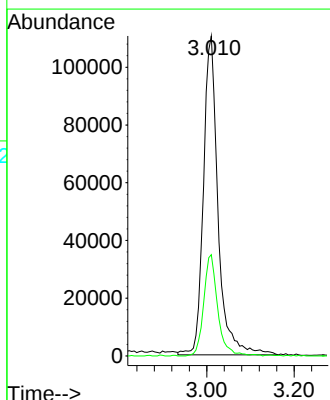
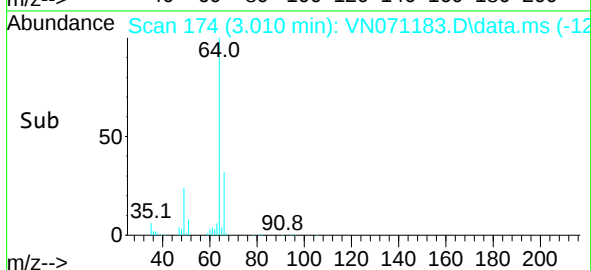
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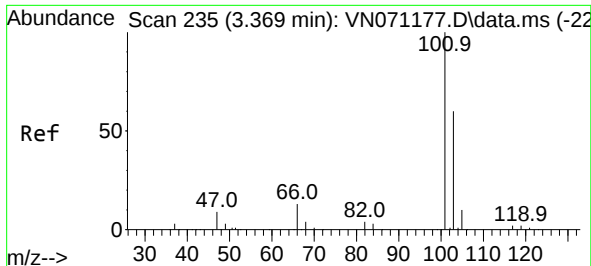


#6
Chloroethane
Concen: 49.704 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.006 min
Lab File: VN071183.D
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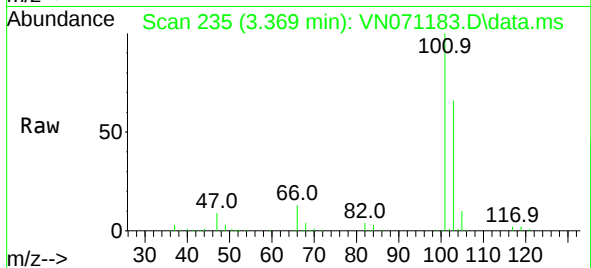
Tgt Ion: 64 Resp: 257256
Ion Ratio Lower Upper
64 100
66 31.8 26.3 39.5





#7
Trichlorofluoromethane
Concen: 46.652 ug/l
RT: 3.369 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

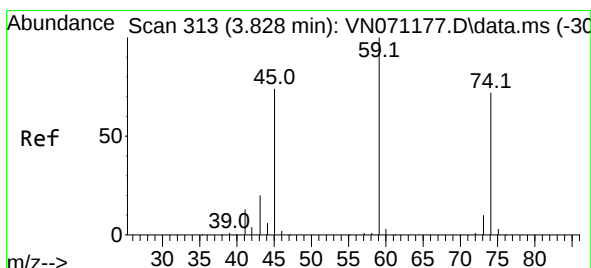
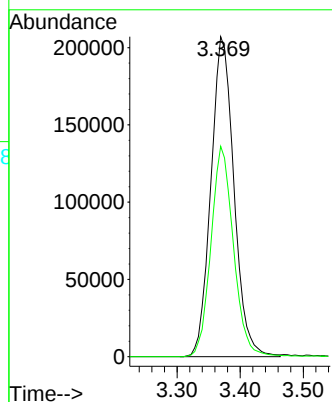
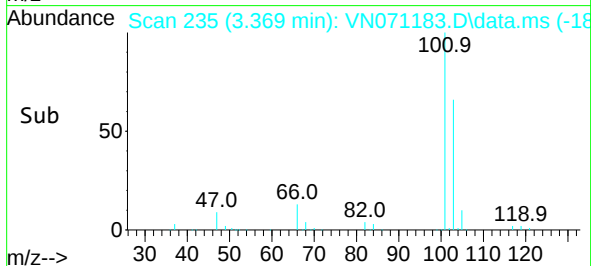
Instrument :
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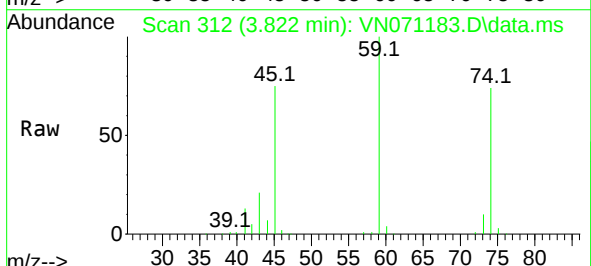
Tgt Ion:101 Resp: 524792
Ion Ratio Lower Upper
101 100
103 65.7 50.1 75.1

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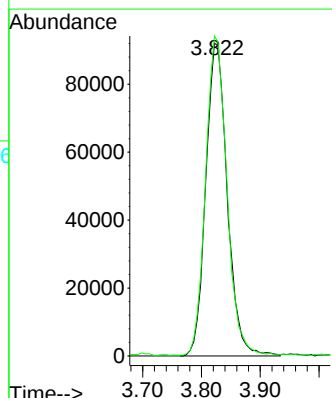
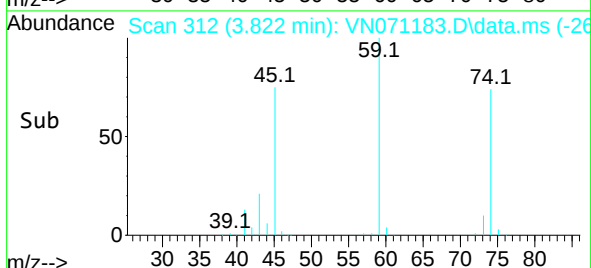
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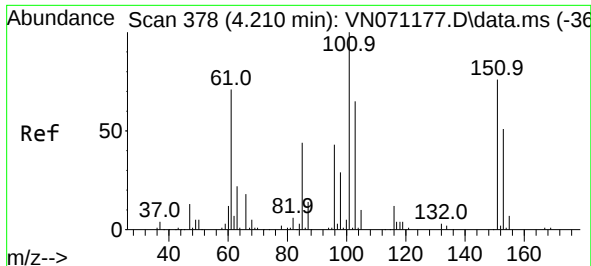


#8
Diethyl Ether
Concen: 48.558 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN071183.D
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Tgt Ion: 74 Resp: 233746
Ion Ratio Lower Upper
74 100
45 101.1 47.0 141.2





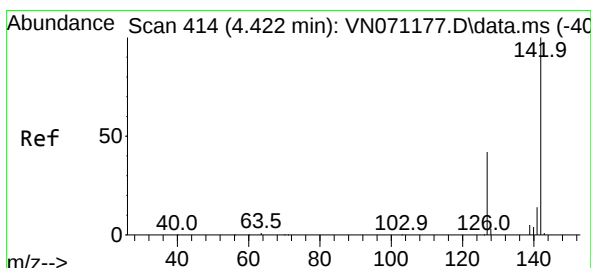
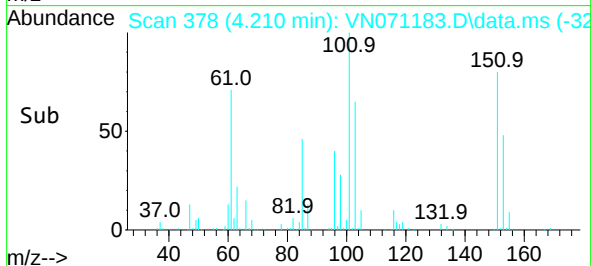
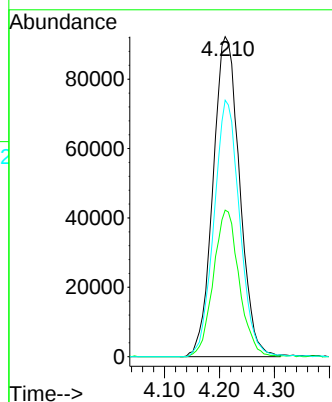
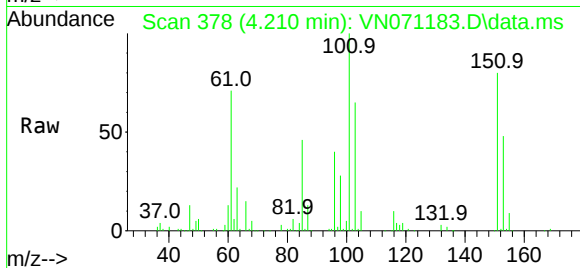
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.535 ug/l
RT: 4.210 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 30954
Ion Ratio Lower Upper
101 100
85 44.4 37.2 55.8
151 77.8 65.9 98.9

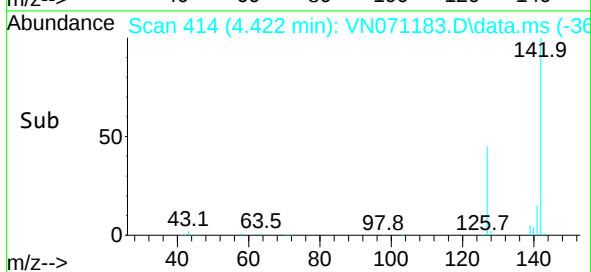
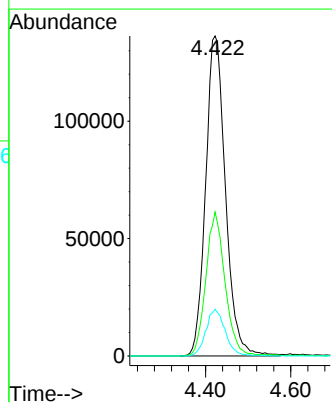
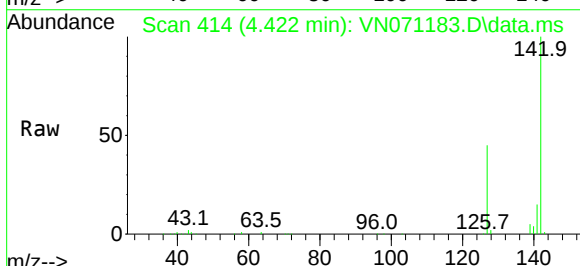
Manual Integrations
APPROVED

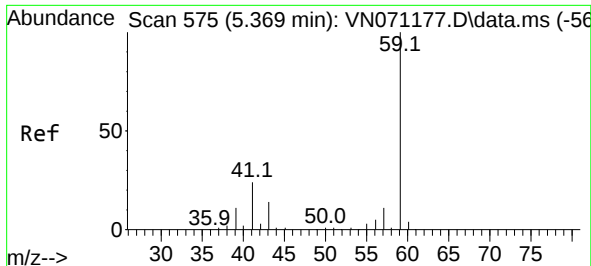
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#10
Methyl Iodide
Concen: 47.940 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

Tgt Ion:142 Resp: 440939
Ion Ratio Lower Upper
142 100
127 43.5 35.4 53.0
141 14.2 11.6 17.4





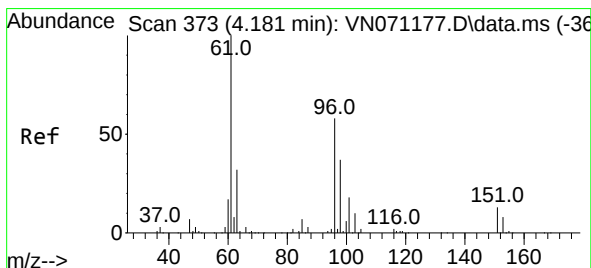
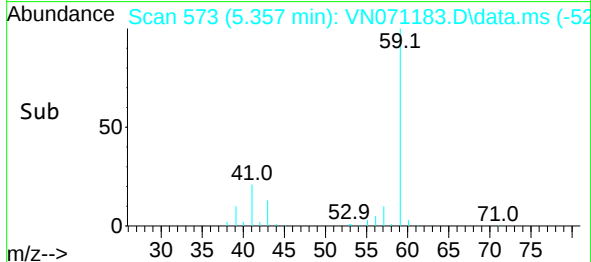
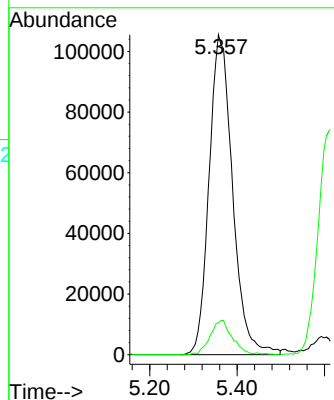
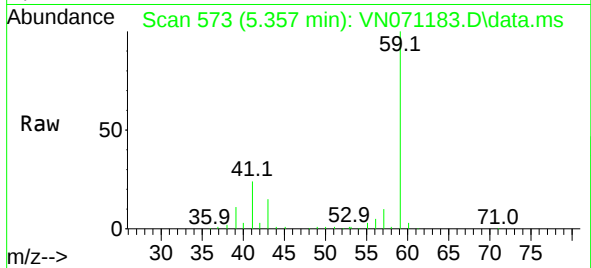
#11
Tert butyl alcohol
Concen: 229.877 ug/l
RT: 5.357 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 39382
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1

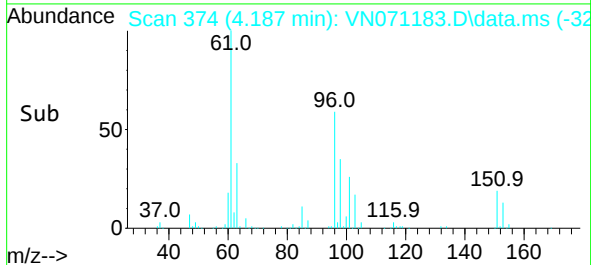
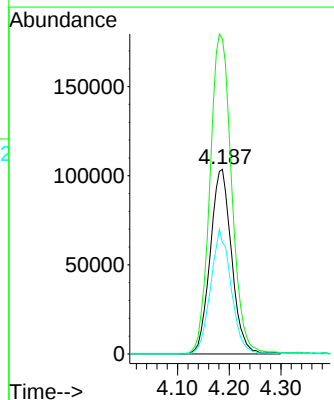
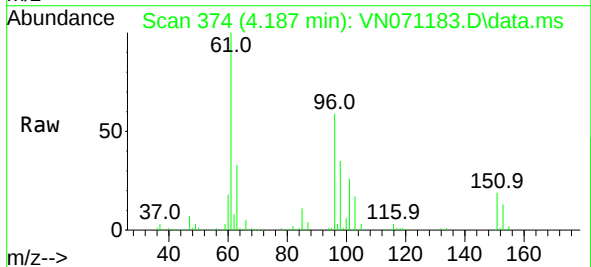
Manual Integrations
APPROVED

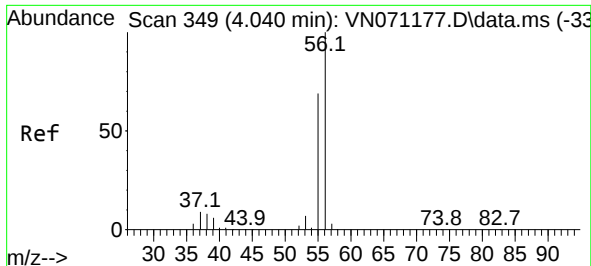
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#12
1,1-Dichloroethene
Concen: 46.671 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.006 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

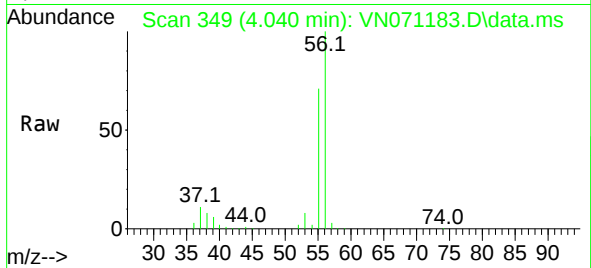
Tgt Ion: 96 Resp: 297730
Ion Ratio Lower Upper
96 100
61 170.6 131.0 196.6
98 60.3 52.4 78.6





#13
Acrolein
Concen: 223.627 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

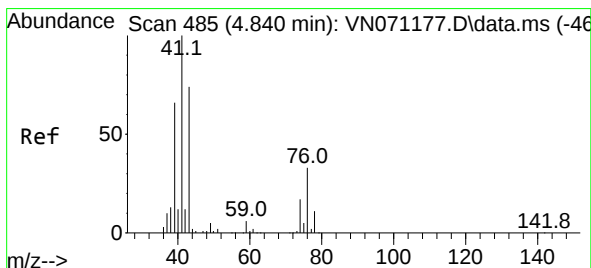
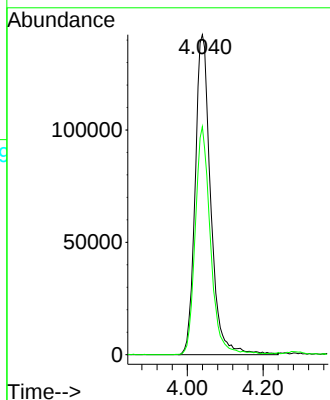
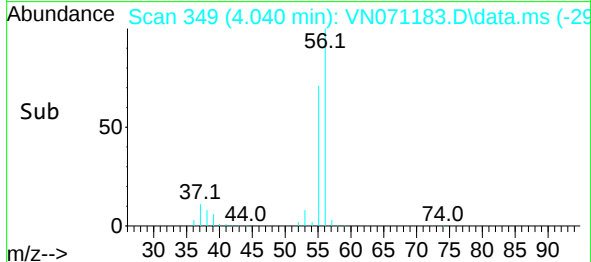
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 405512
Ion Ratio Lower Upper
56 100
55 70.1 56.6 85.0

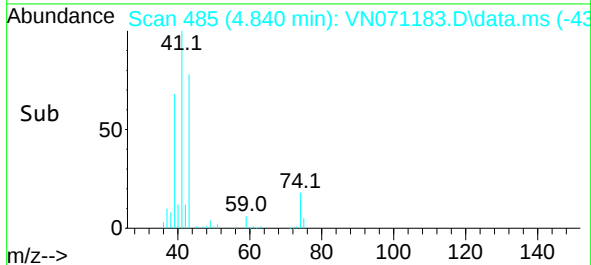
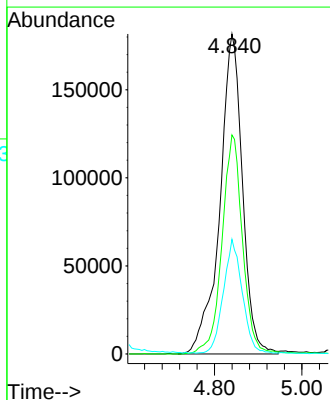
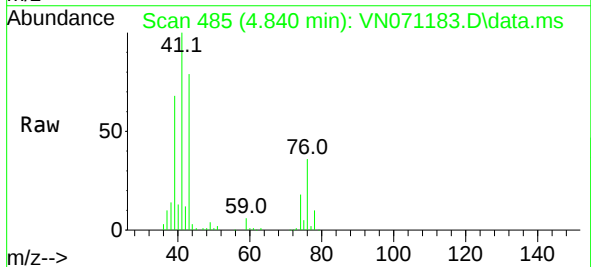
Manual Integrations
APPROVED

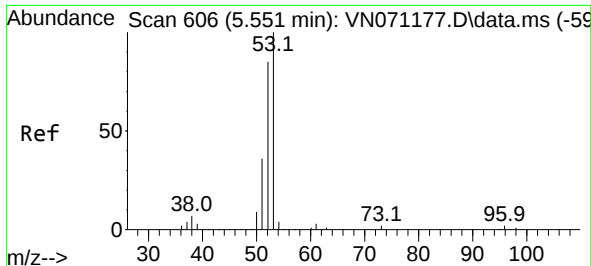
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#14
Allyl chloride
Concen: 47.001 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

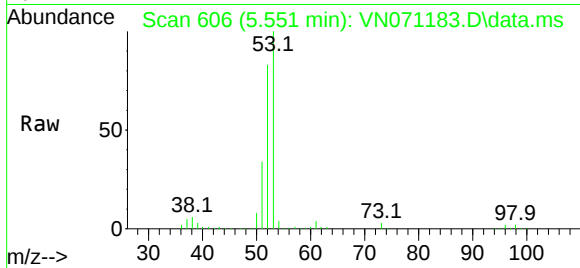
Tgt Ion: 41 Resp: 652137
Ion Ratio Lower Upper
41 100
39 62.2 61.2 91.8
76 29.5 26.0 39.0





#15
Acrylonitrile
Concen: 230.800 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

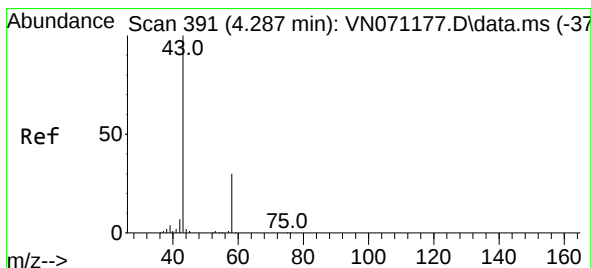
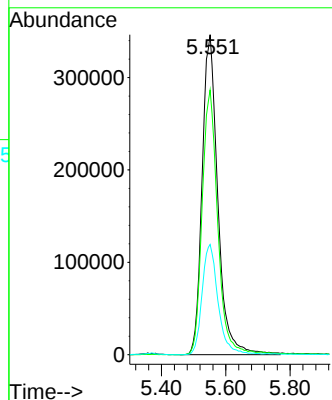
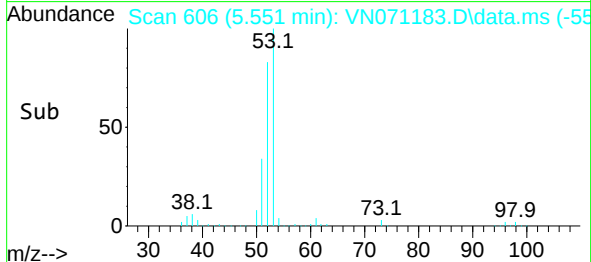
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 1174092
Ion Ratio Lower Upper
53 100
52 81.5 66.2 99.2
51 35.2 29.6 44.4

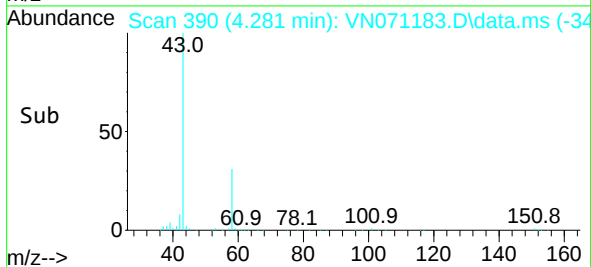
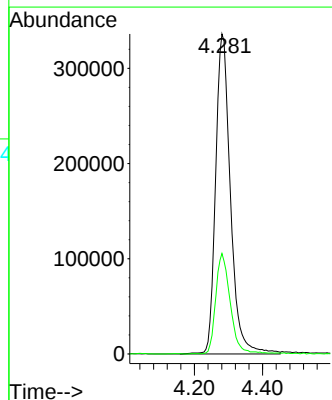
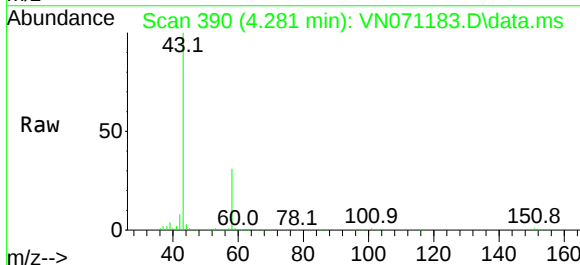
Manual Integrations
APPROVED

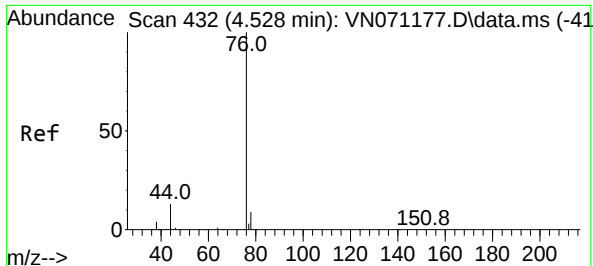
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#16
Acetone
Concen: 239.222 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

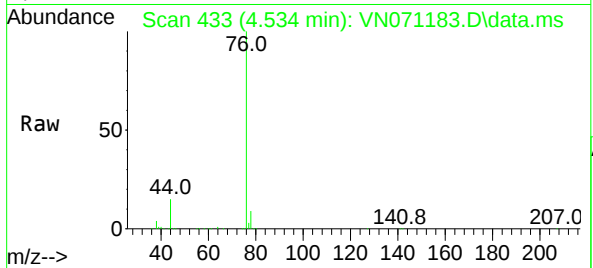
Tgt Ion: 43 Resp: 1015104
Ion Ratio Lower Upper
43 100
58 31.3 23.1 34.7





#17
Carbon Disulfide
Concen: 46.247 ug/l
RT: 4.534 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

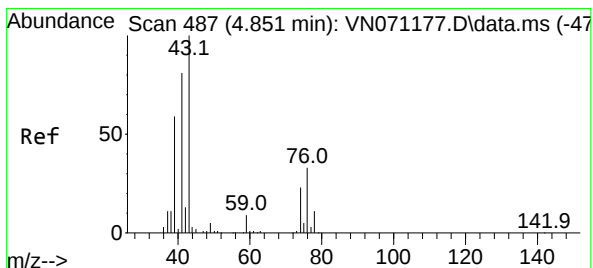
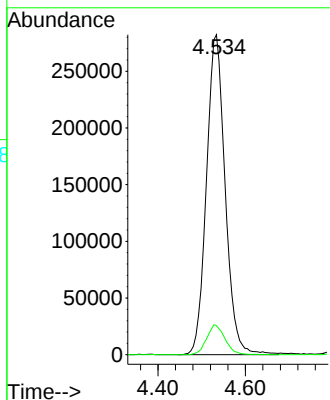
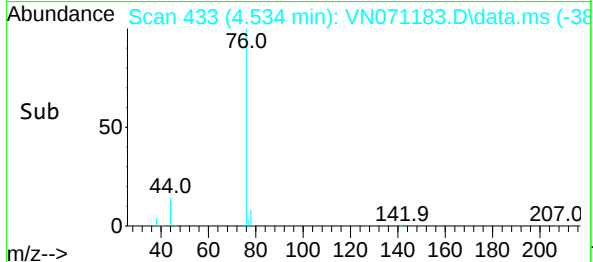
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



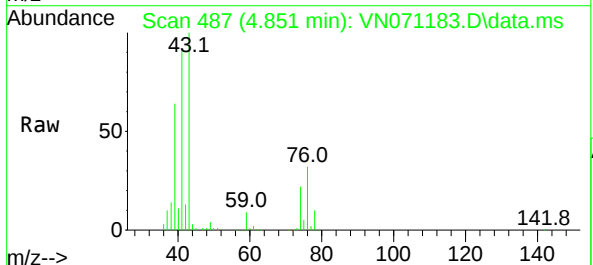
Tgt Ion: 76 Resp: 839916
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

Manual Integrations
APPROVED

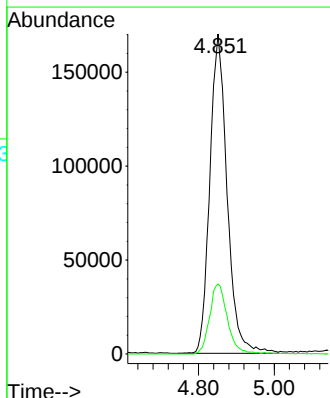
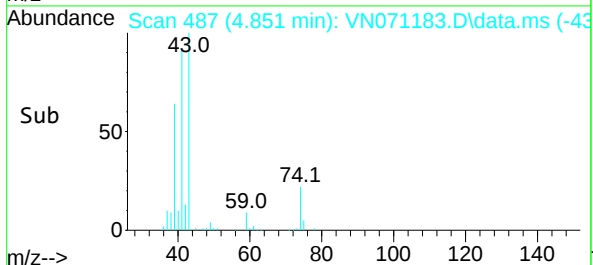
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

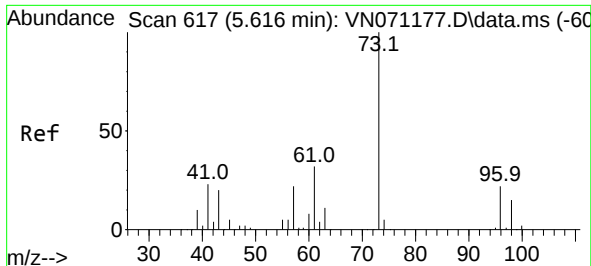


#18
Methyl Acetate
Concen: 47.315 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37



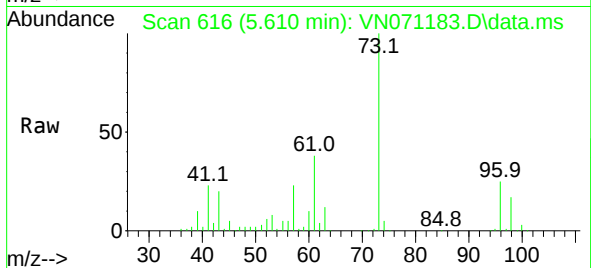
Tgt Ion: 43 Resp: 538916
Ion Ratio Lower Upper
43 100
74 22.4 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 48.787 ug/l
RT: 5.610 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

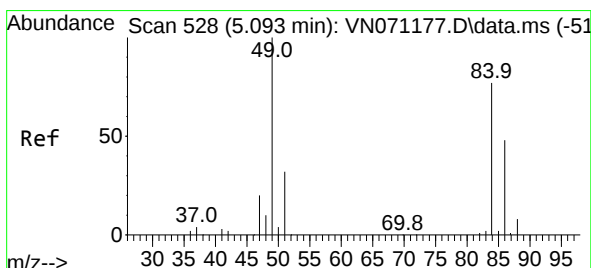
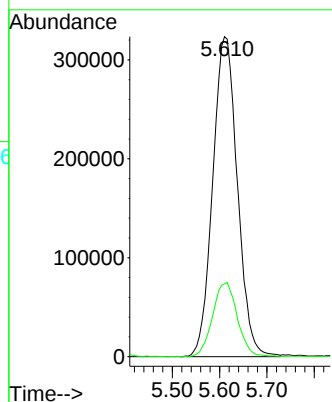
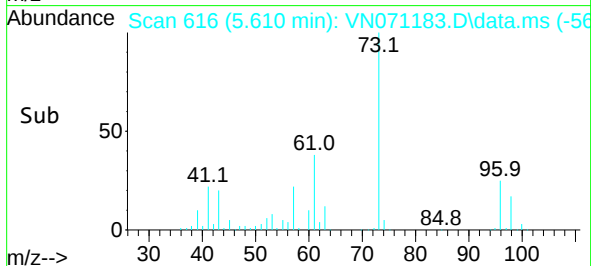
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 116851
Ion Ratio Lower Upper
73 100
57 22.7 16.8 25.2

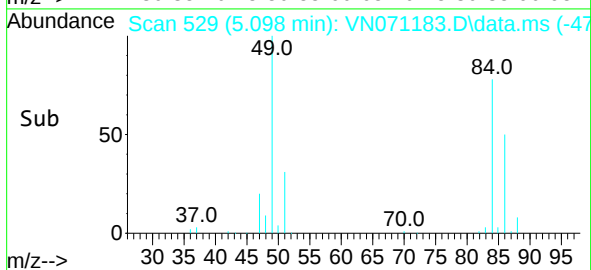
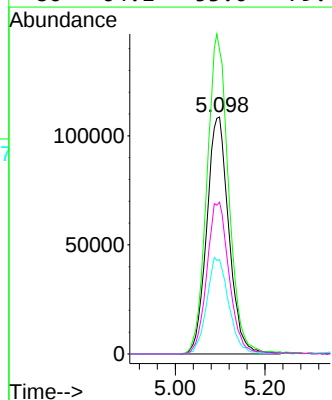
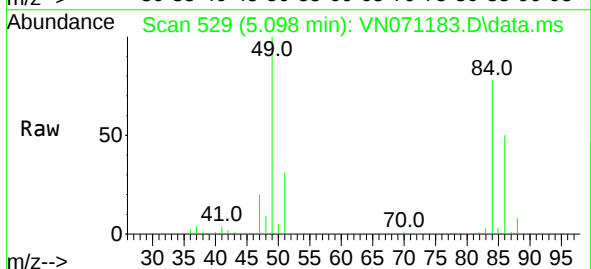
Manual Integrations
APPROVED

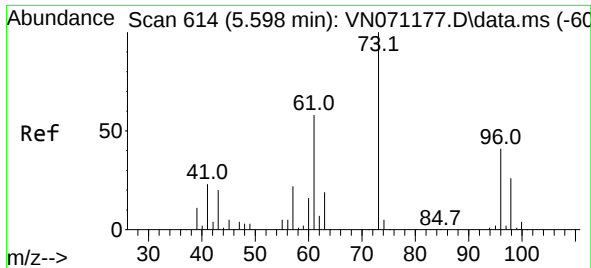
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#20
Methylene Chloride
Concen: 48.025 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

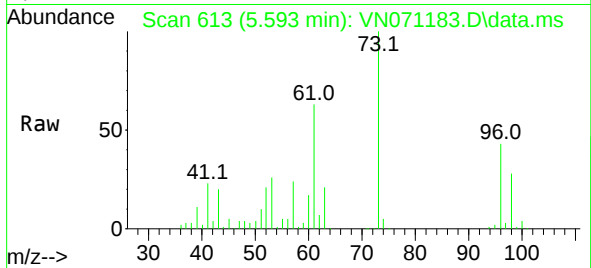
Tgt Ion: 84 Resp: 372336
Ion Ratio Lower Upper
84 100
49 128.3 93.5 140.3
51 39.8 29.4 44.2
86 64.1 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 46.530 ug/l
RT: 5.593 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

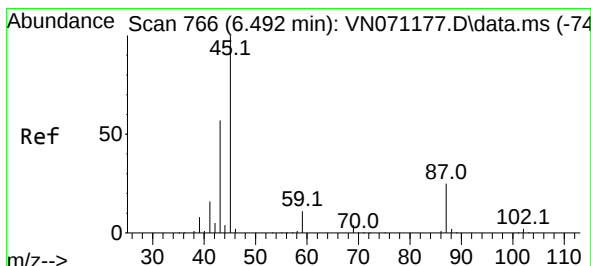
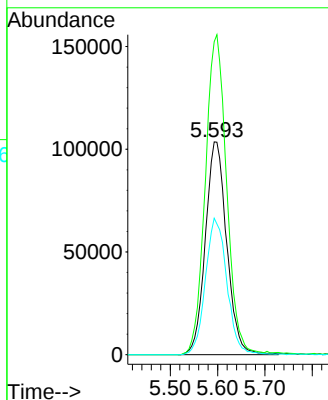
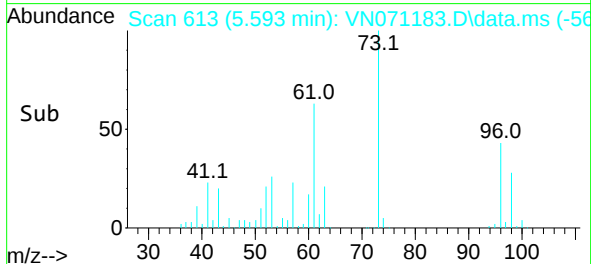
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



Tgt Ion: 96 Resp: 32467
Ion Ratio Lower Upper
96 100
61 147.1 105.8 158.6
98 64.2 52.0 78.0

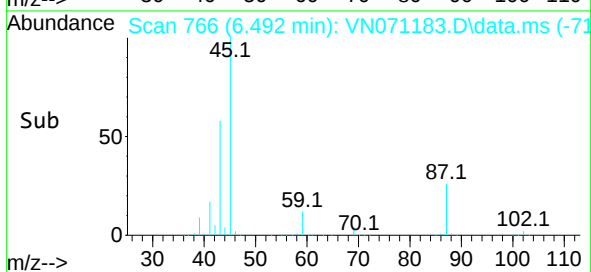
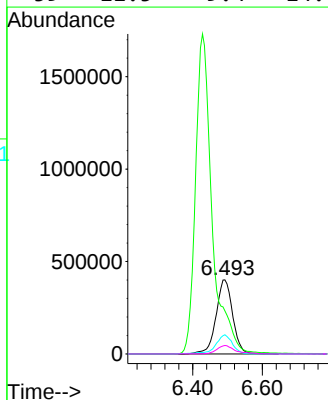
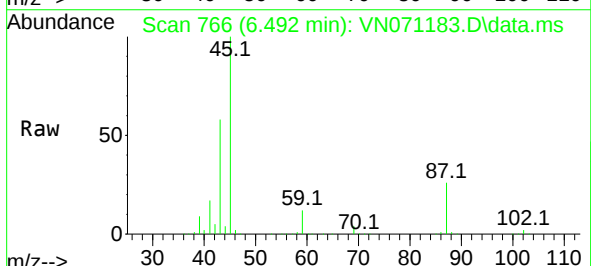
Manual Integrations
APPROVED

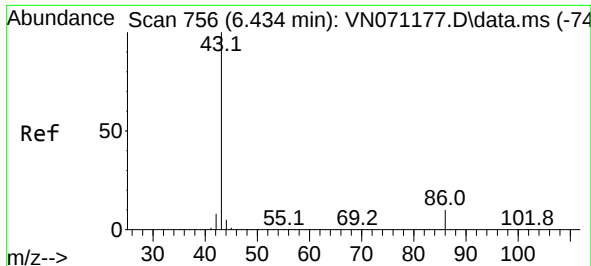
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#22
Diisopropyl ether
Concen: 48.683 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

Tgt Ion: 45 Resp: 1330747
Ion Ratio Lower Upper
45 100
43 57.7 51.7 77.5
87 25.8 23.2 34.8
59 11.5 9.4 14.0





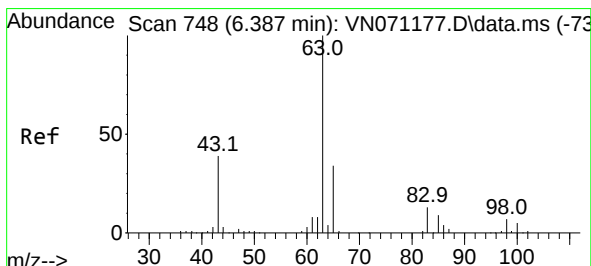
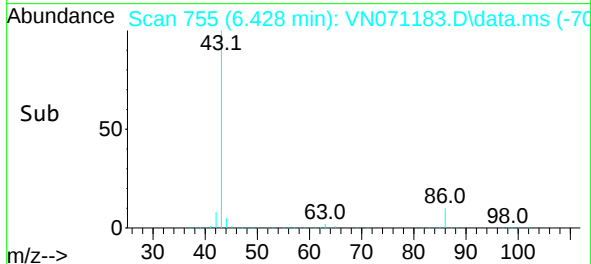
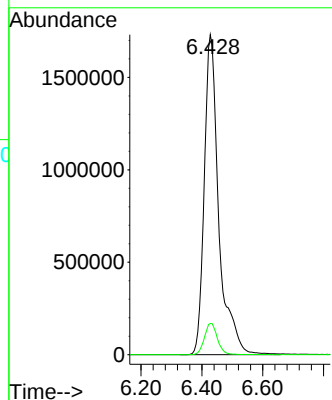
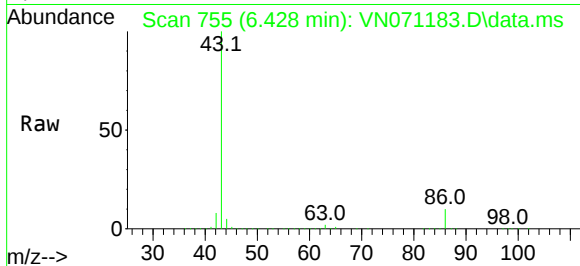
#23
 Vinyl Acetate
 Concen: 247.929 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.006 min
 Lab File: VN071183.D
 Acq: 08 Mar 2022 11:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 573734
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.5 12.7

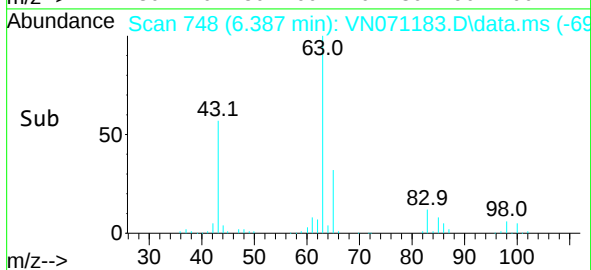
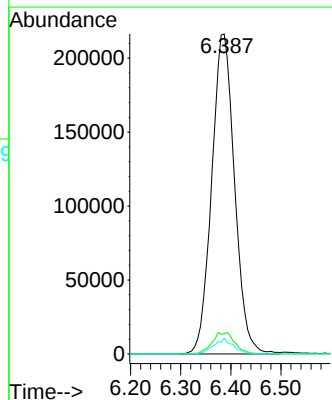
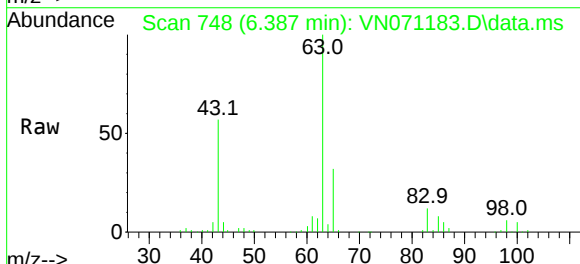
Manual Integrations
 APPROVED

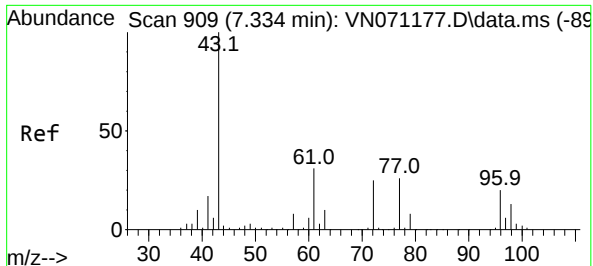
Reviewed By :John Carlone 03/09/2022
 Supervised By :Mahesh Dadoda 03/09/2022



#24
 1,1-Dichloroethane
 Concen: 47.425 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. 0.000 min
 Lab File: VN071183.D
 Acq: 08 Mar 2022 11:37

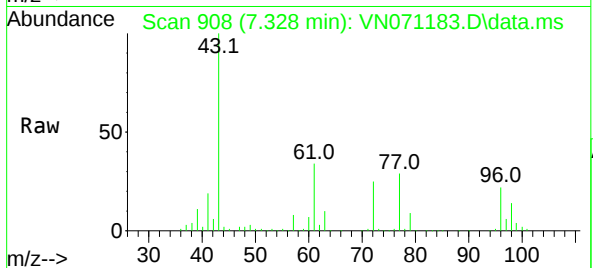
Tgt Ion: 63 Resp: 685014
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.9
 100 4.9 2.1 6.5





#25
2-Butanone
Concen: 234.523 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

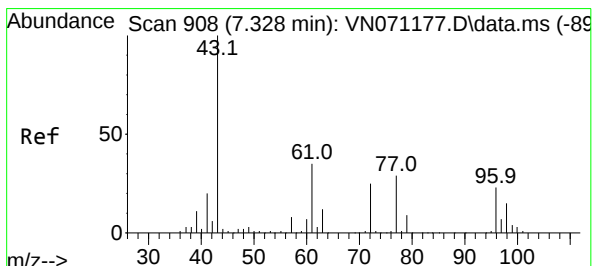
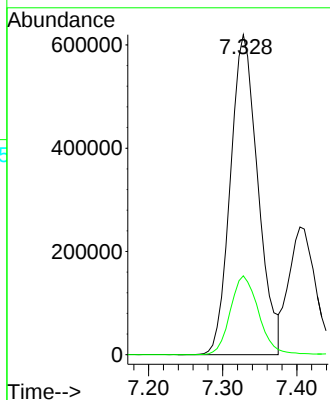
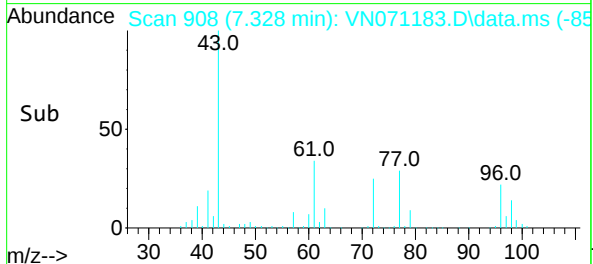
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1603090
Ion Ratio Lower Upper
43 100
72 24.7 21.7 32.5

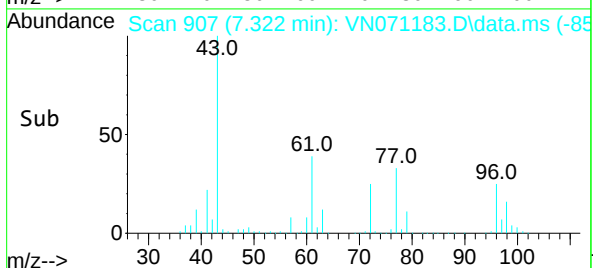
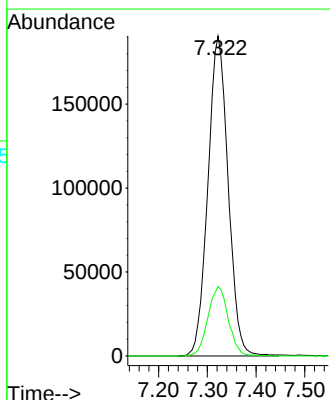
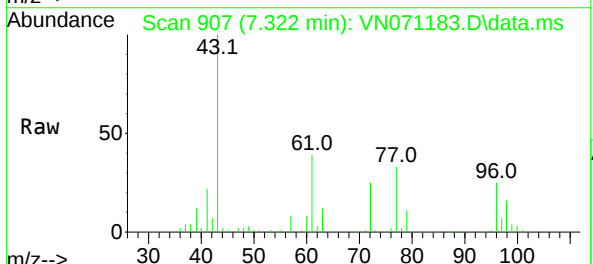
Manual Integrations
APPROVED

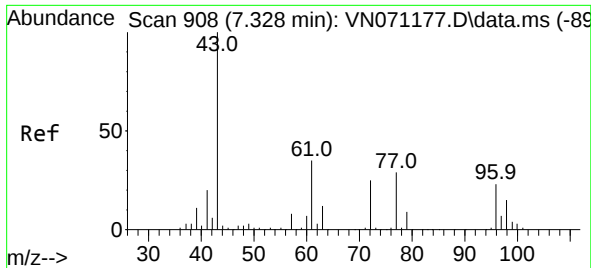
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#26
2,2-Dichloropropane
Concen: 49.295 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

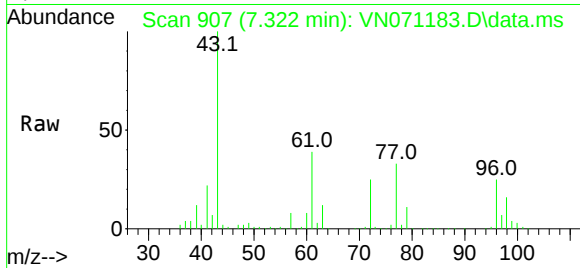
Tgt Ion: 77 Resp: 549309
Ion Ratio Lower Upper
77 100
97 21.8 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 47.063 ug/l
RT: 7.322 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

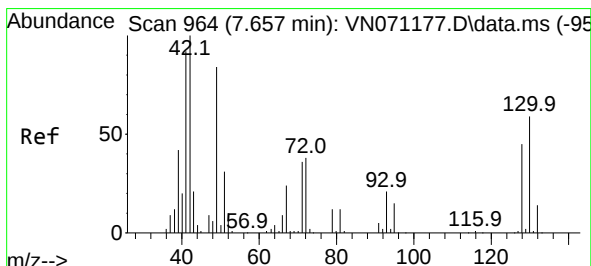
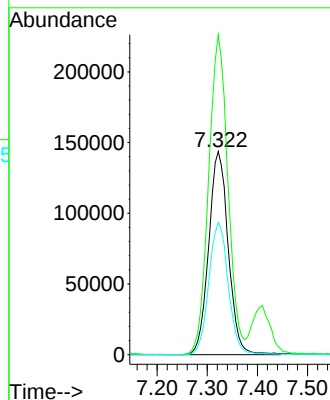
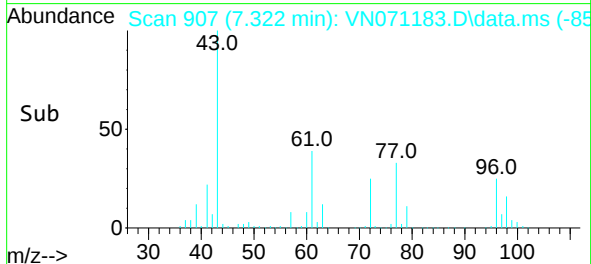
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 38975
Ion Ratio Lower Upper
96 100
61 155.4 0.0 275.0
98 64.9 0.0 129.6

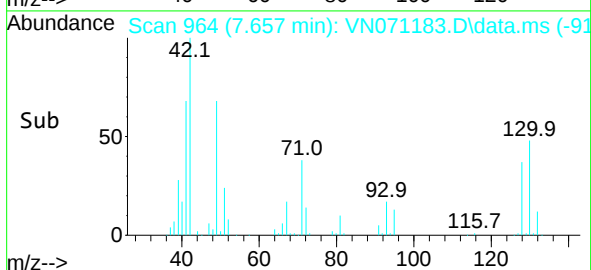
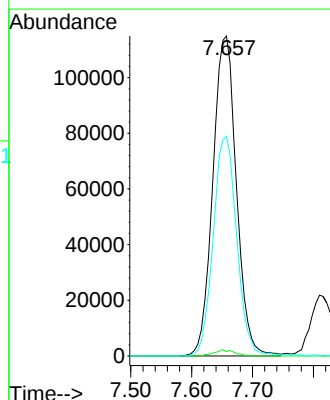
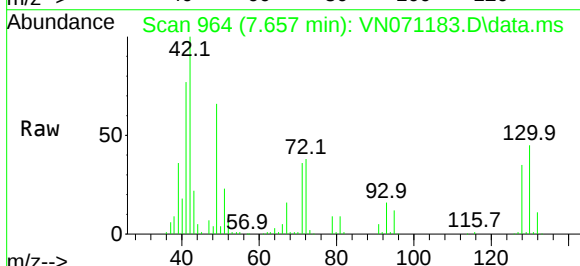
Manual Integrations
APPROVED

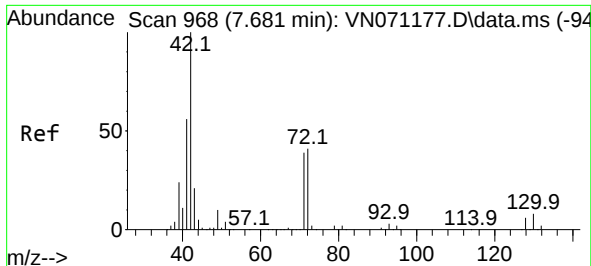
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#28
Bromochloromethane
Concen: 48.025 ug/l
RT: 7.657 min Scan# 964
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

Tgt Ion: 49 Resp: 308905
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.0
130 68.5 67.8 101.8





#29

Tetrahydrofuran

Concen: 230.530 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: VN071183.D

Acq: 08 Mar 2022 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 1091679

Ion Ratio Lower Upper

42 100

72 39.2 36.3 54.5

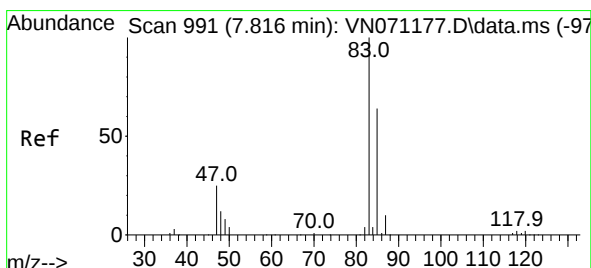
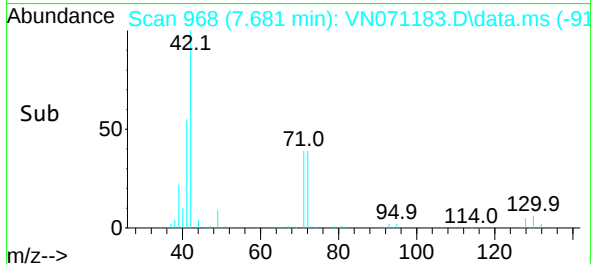
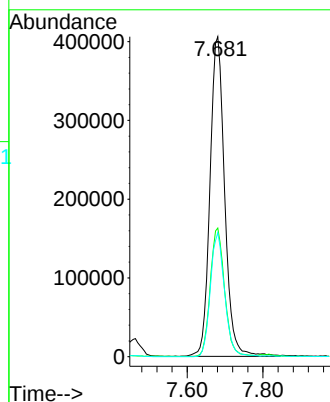
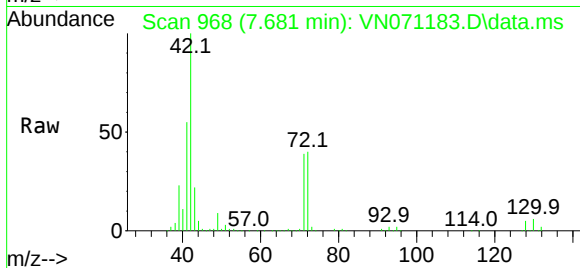
71 37.6 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2022

Supervised By :Mahesh Dadoda 03/09/2022



#30

Chloroform

Concen: 47.112 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.000 min

Lab File: VN071183.D

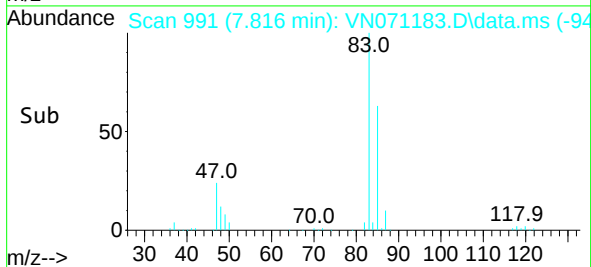
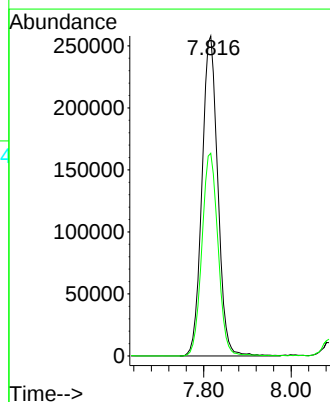
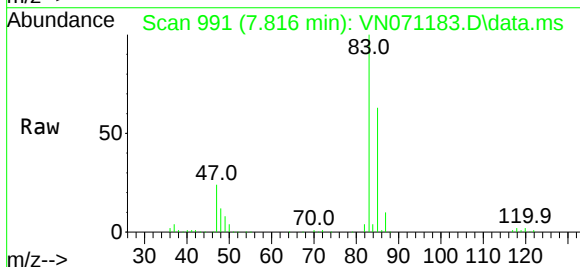
Acq: 08 Mar 2022 11:37

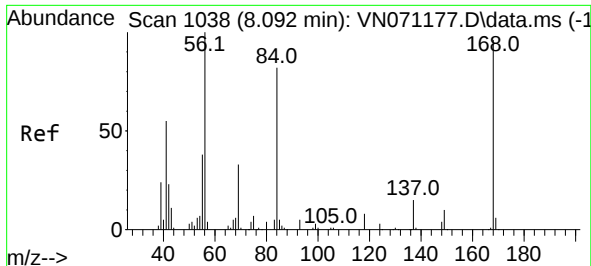
Tgt Ion: 83 Resp: 649026

Ion Ratio Lower Upper

83 100

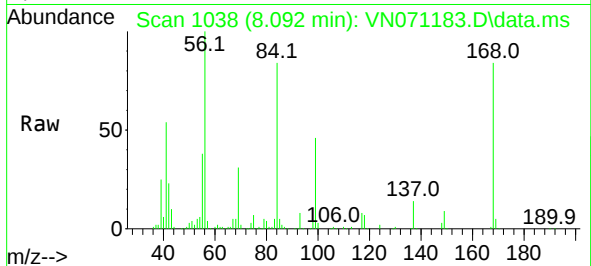
85 63.3 51.9 77.9





#31
Cyclohexane
Concen: 46.496 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

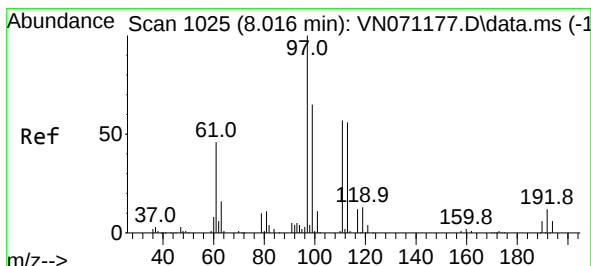
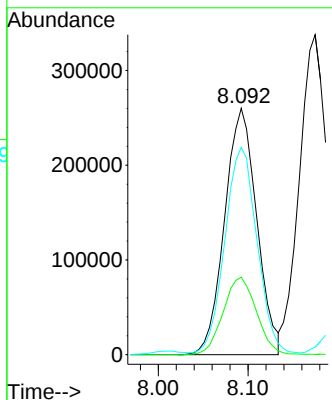
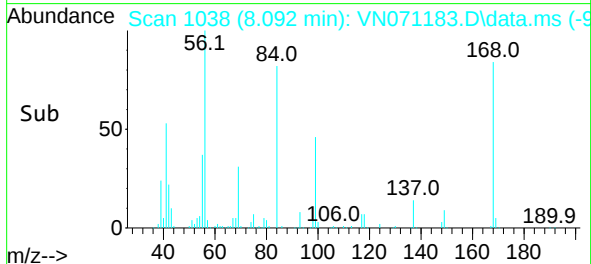
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



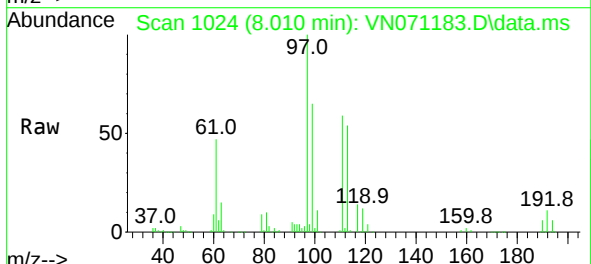
Tgt Ion: 56 Resp: 64753
Ion Ratio Lower Upper
56 100
69 31.4 27.1 40.7
84 83.1 73.4 110.0

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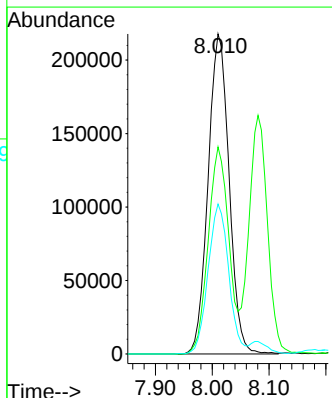
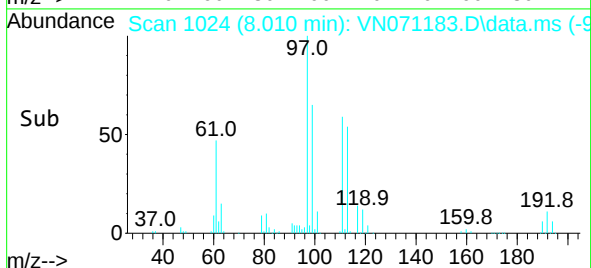
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

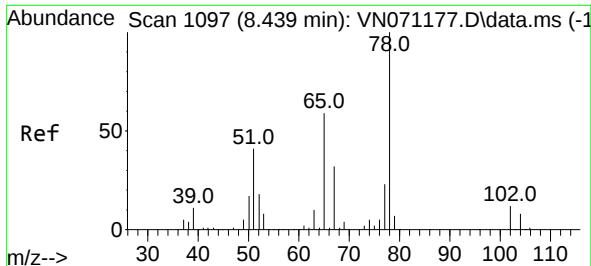


#32
1,1,1-Trichloroethane
Concen: 47.577 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.006 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37



Tgt Ion: 97 Resp: 558312
Ion Ratio Lower Upper
97 100
99 63.3 50.1 75.1
61 46.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.794 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.006 min

Lab File: VN071183.D

Acq: 08 Mar 2022 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 434254

Ion Ratio Lower Upper

65 100

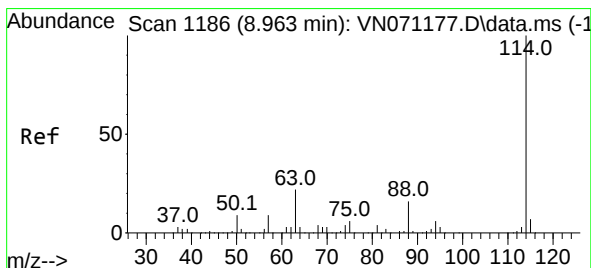
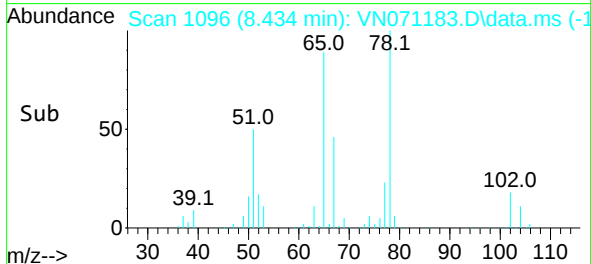
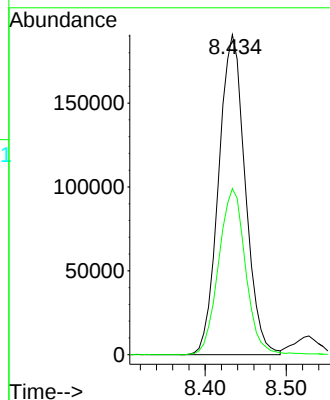
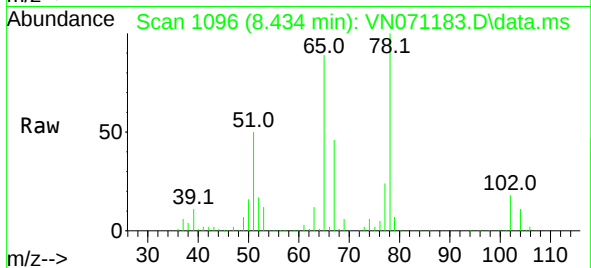
67 52.7 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2022

Supervised By :Mahesh Dadoda 03/09/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071183.D

Acq: 08 Mar 2022 11:37

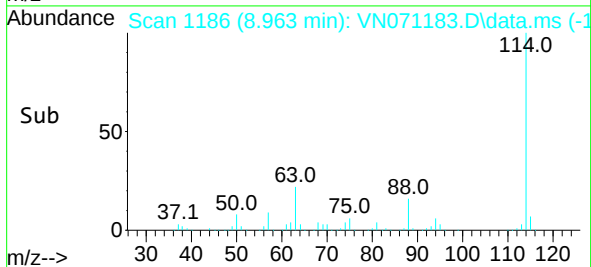
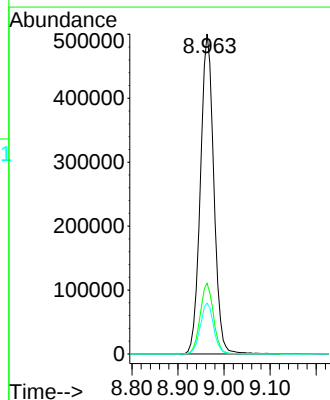
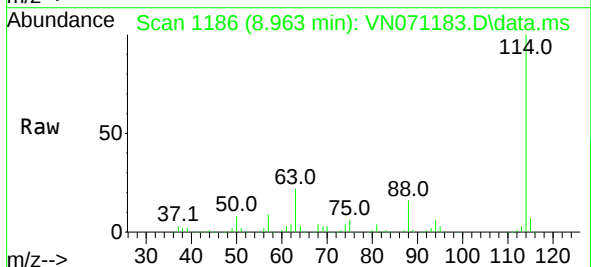
Tgt Ion:114 Resp: 1014357

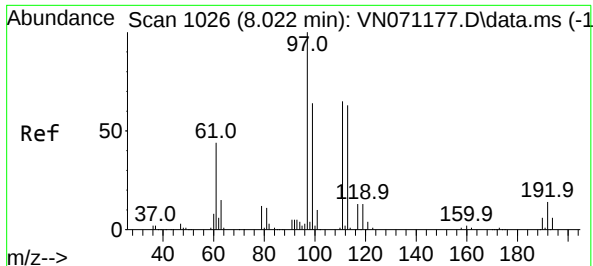
Ion Ratio Lower Upper

114 100

63 22.1 0.0 37.8

88 15.9 0.0 27.4





#35

Dibromofluoromethane

Concen: 51.144 ug/l

RT: 8.016 min Scan# 1026

Delta R.T. -0.006 min

Lab File: VN071183.D

Acq: 08 Mar 2022 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 32736

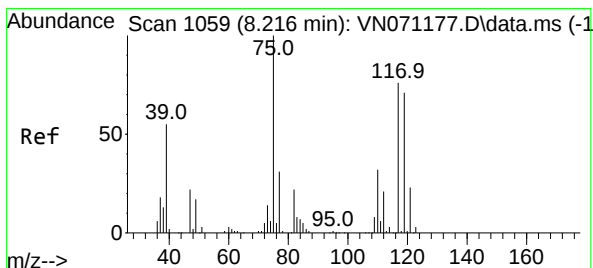
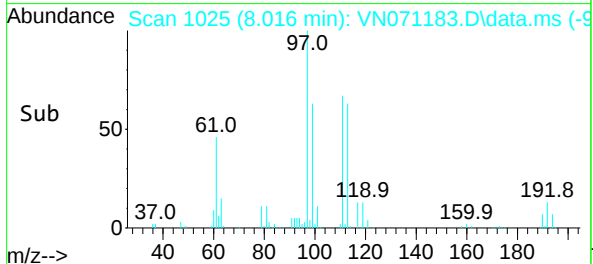
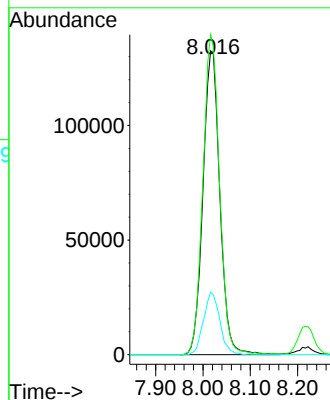
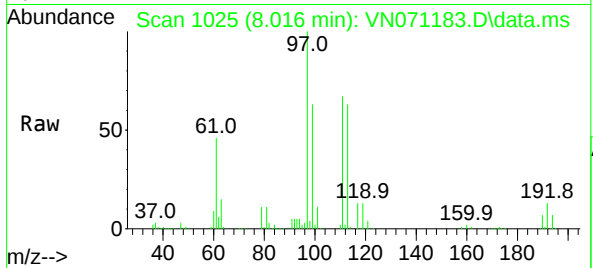
Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.2	123.2
192	19.9	16.9	25.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2022

Supervised By :Mahesh Dadoda 03/09/2022



#36

1,1-Dichloropropene

Concen: 48.264 ug/l

RT: 8.216 min Scan# 1059

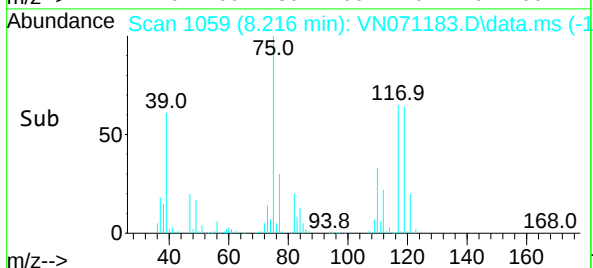
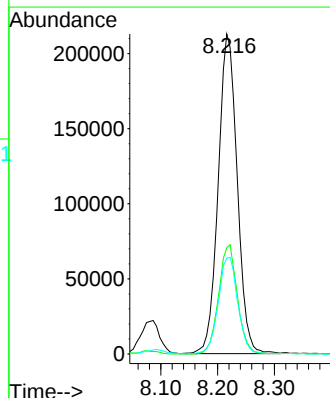
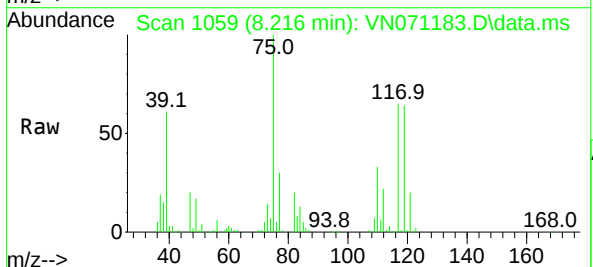
Delta R.T. 0.000 min

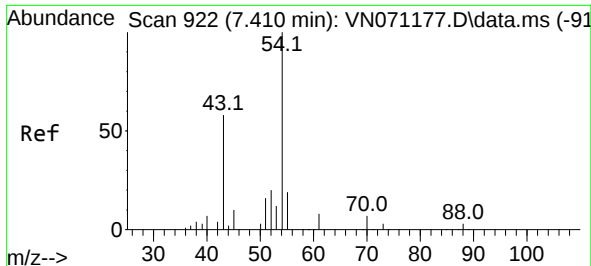
Lab File: VN071183.D

Acq: 08 Mar 2022 11:37

Tgt Ion: 75 Resp: 494979

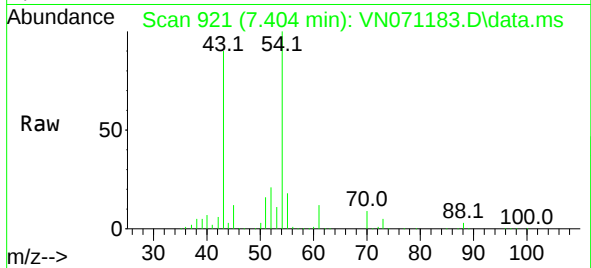
Ion	Ratio	Lower	Upper
75	100		
110	33.8	18.4	55.2
77	31.1	24.4	36.6





#37
Ethyl Acetate
Concen: 45.345 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

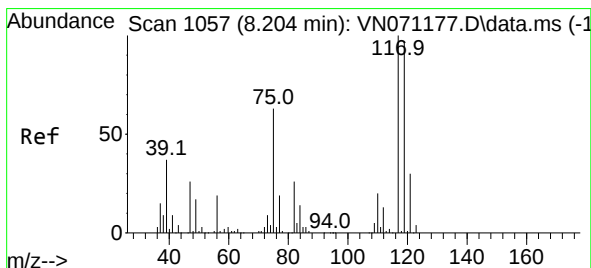
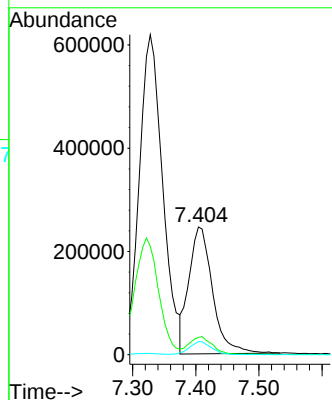
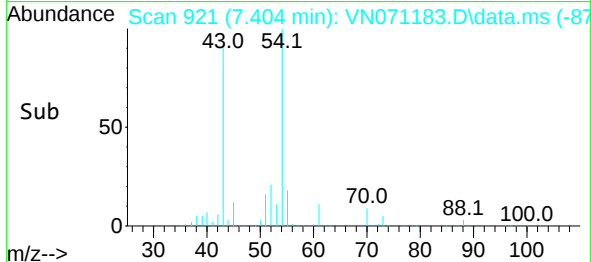
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 64002
Ion Ratio Lower Upper
43 100
61 13.6 11.5 17.3
70 9.2 7.9 11.9

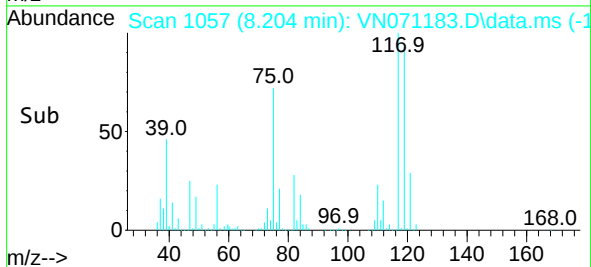
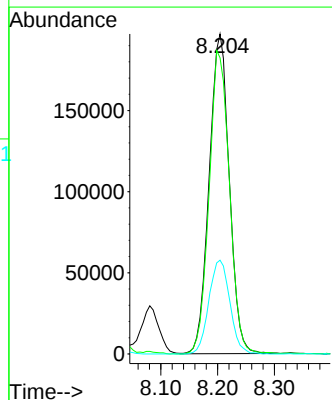
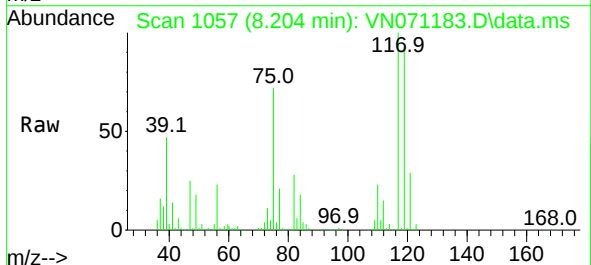
Manual Integrations
APPROVED

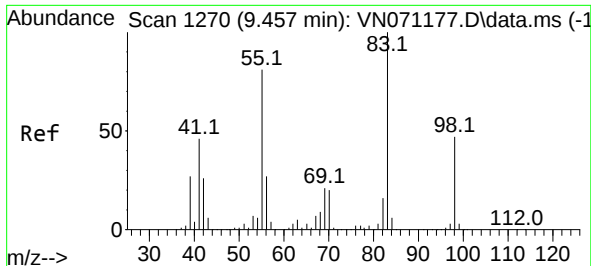
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#38
Carbon Tetrachloride
Concen: 48.780 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

Tgt Ion:117 Resp: 483895
Ion Ratio Lower Upper
117 100
119 92.7 76.1 114.1
121 29.3 24.2 36.2





#39

Methylcyclohexane

Concen: 51.774 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN071183.D

Acq: 08 Mar 2022 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 62465

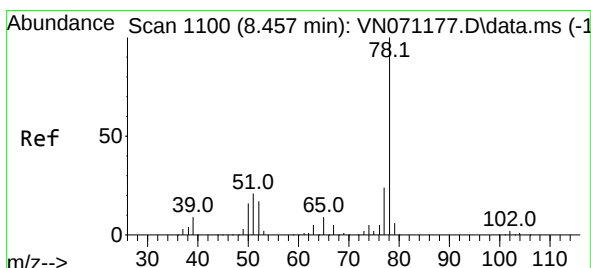
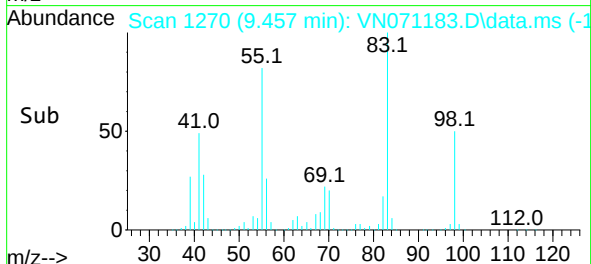
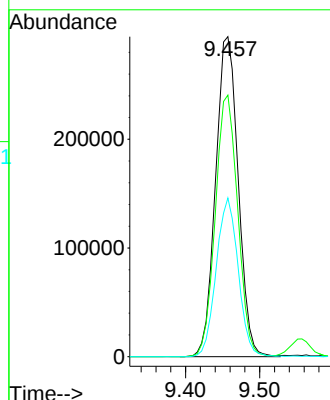
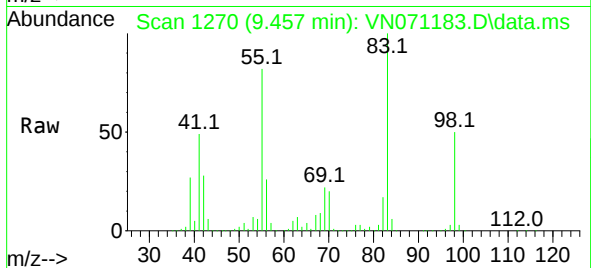
Ion	Ratio	Lower	Upper
83	100		
55	81.7	58.1	87.1
98	49.6	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2022

Supervised By :Mahesh Dadoda 03/09/2022



#40

Benzene

Concen: 48.853 ug/l

RT: 8.457 min Scan# 1100

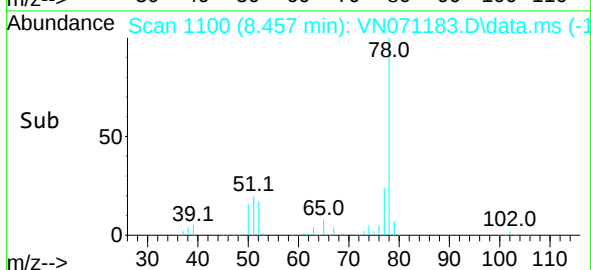
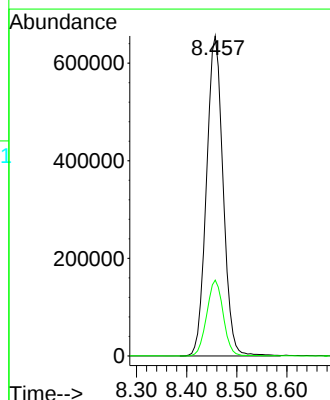
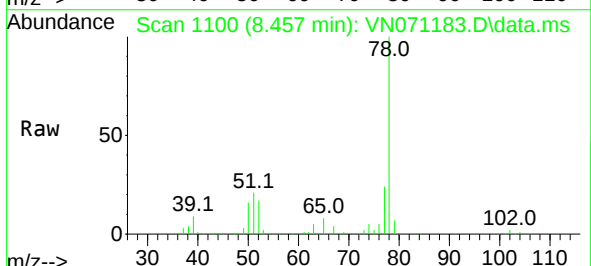
Delta R.T. 0.000 min

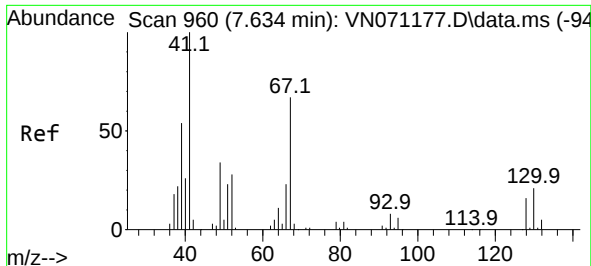
Lab File: VN071183.D

Acq: 08 Mar 2022 11:37

Tgt Ion: 78 Resp: 1509541

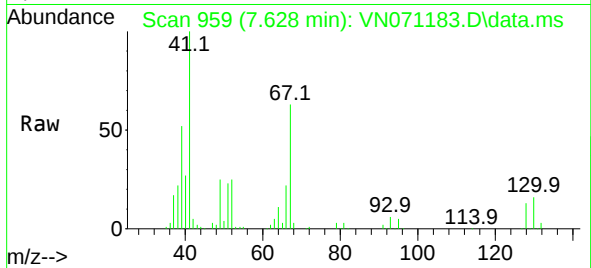
Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.6	27.8





#41
Methacrylonitrile
Concen: 51.211 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

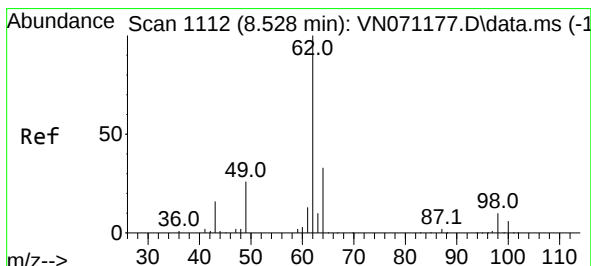
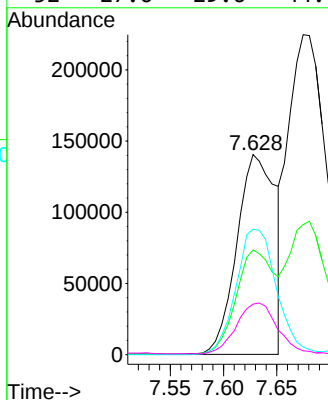
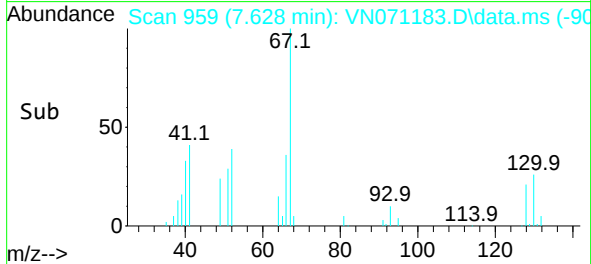
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 35373
Ion Ratio Lower Upper
41 100
39 51.9 48.1 72.1
67 67.1 68.3 102.5
52 27.6 29.6 44.4#

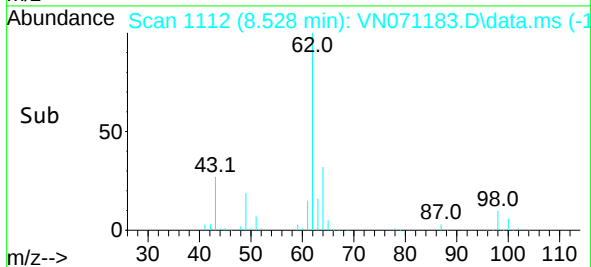
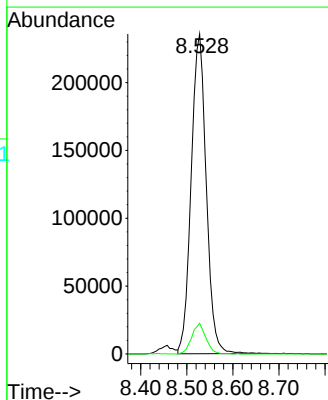
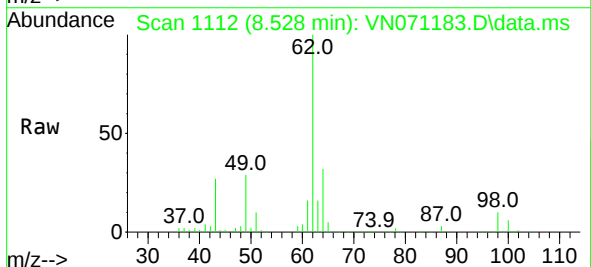
Manual Integrations
APPROVED

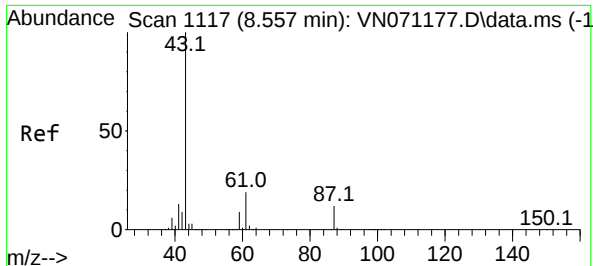
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#42
1,2-Dichloroethane
Concen: 49.658 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

Tgt Ion: 62 Resp: 533956
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.6





#43

Isopropyl Acetate

Concen: 47.523 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VN071183.D

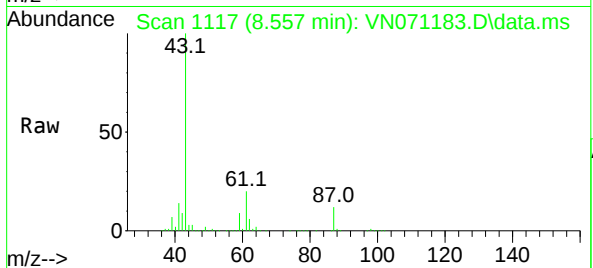
Acq: 08 Mar 2022 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 100306

Ion Ratio Lower Upper

43 100

61 24.8 20.4 30.6

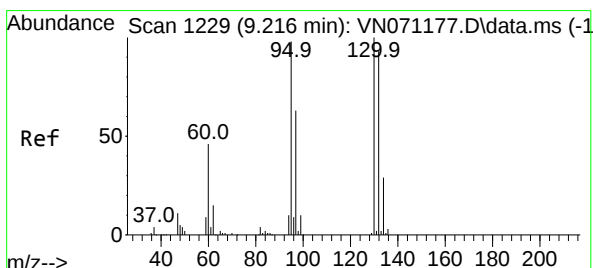
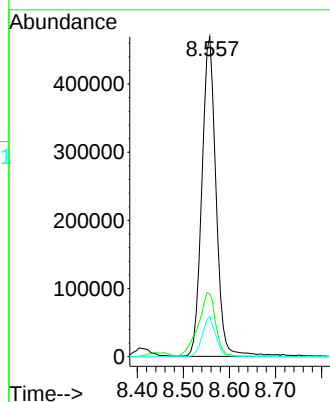
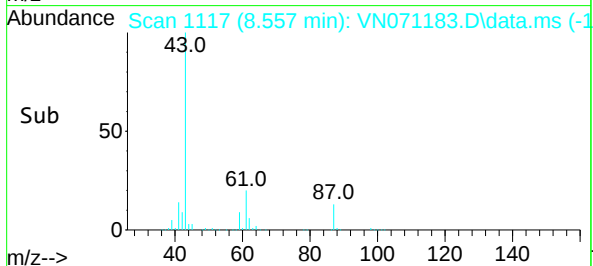
87 12.0 11.2 16.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2022

Supervised By :Mahesh Dadoda 03/09/2022



#44

Trichloroethene

Concen: 49.081 ug/l

RT: 9.210 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VN071183.D

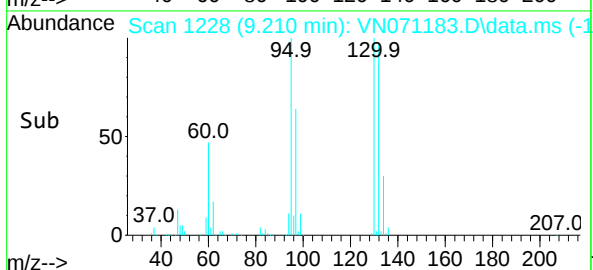
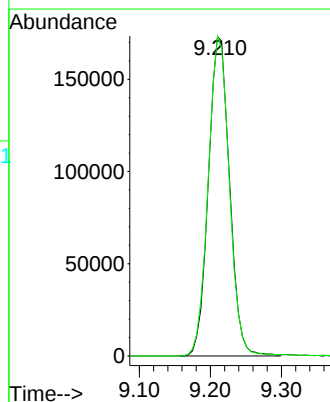
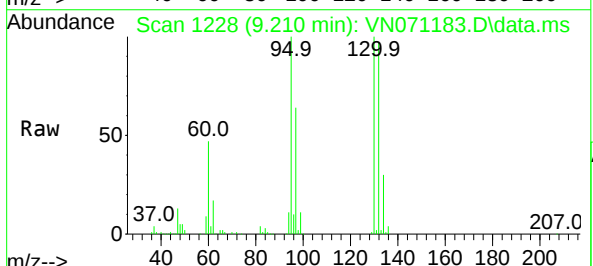
Acq: 08 Mar 2022 11:37

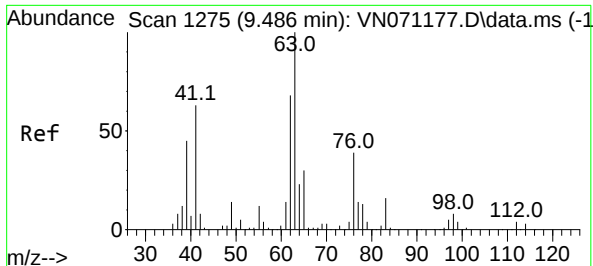
Tgt Ion:130 Resp: 357837

Ion Ratio Lower Upper

130 100

95 100.3 0.0 191.2





#45

1,2-Dichloropropane

Concen: 48.684 ug/l

RT: 9.486 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN071183.D

Acq: 08 Mar 2022 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 403824

Ion Ratio Lower Upper

63 100

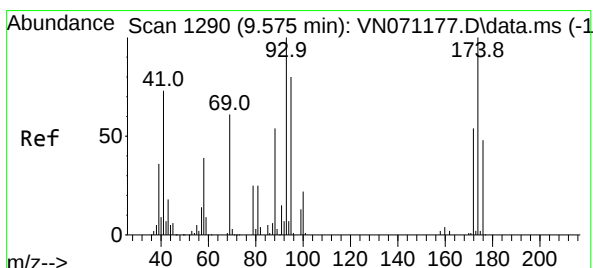
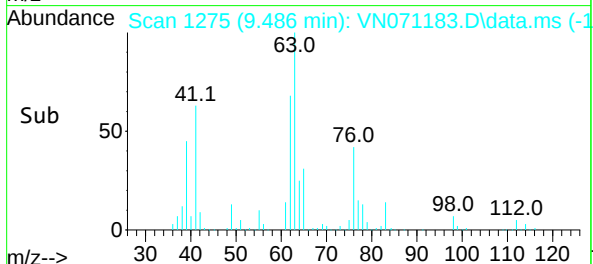
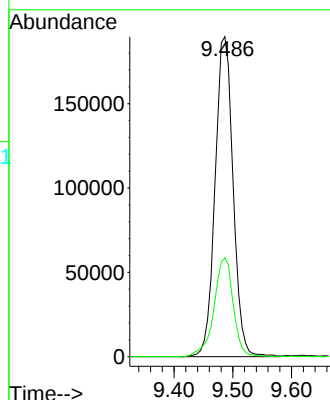
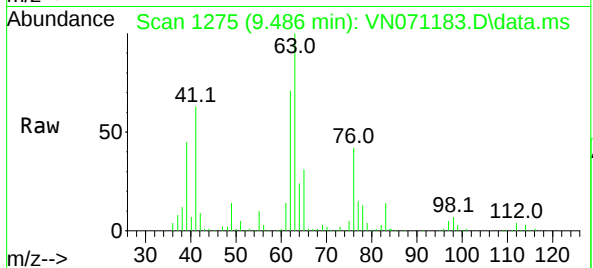
65 30.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2022

Supervised By :Mahesh Dadoda 03/09/2022



#46

Dibromomethane

Concen: 49.219 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071183.D

Acq: 08 Mar 2022 11:37

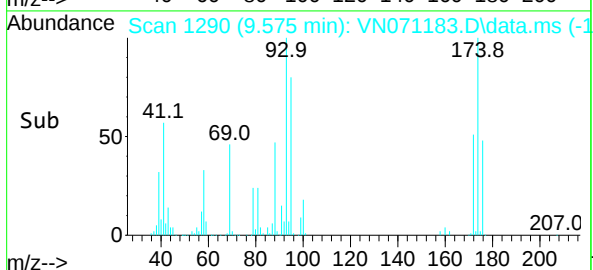
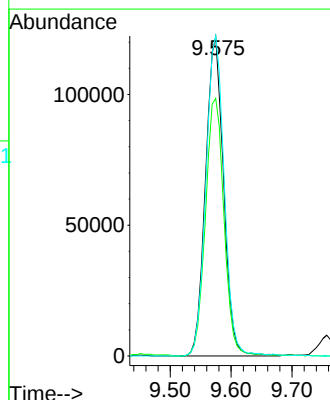
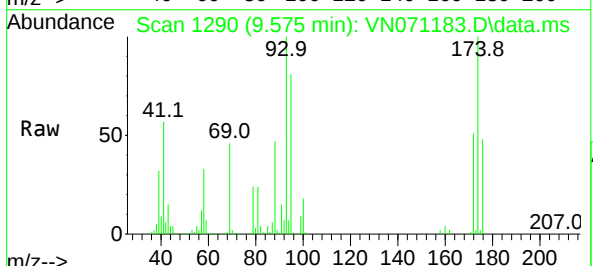
Tgt Ion: 93 Resp: 251282

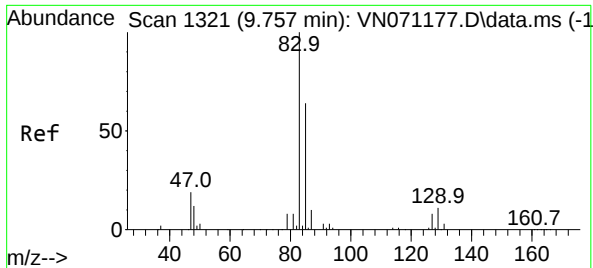
Ion Ratio Lower Upper

93 100

95 83.1 65.9 98.9

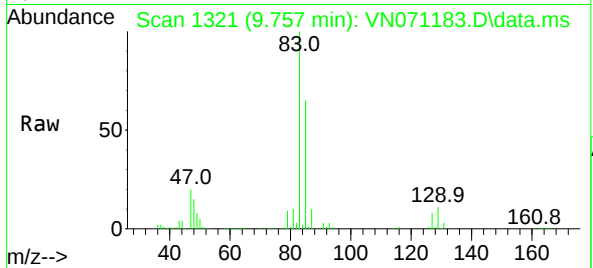
174 101.5 84.6 127.0





#47
Bromodichloromethane
Concen: 49.697 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

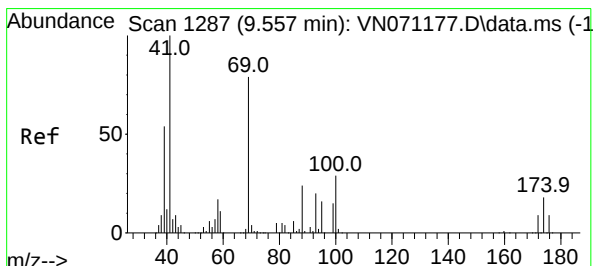
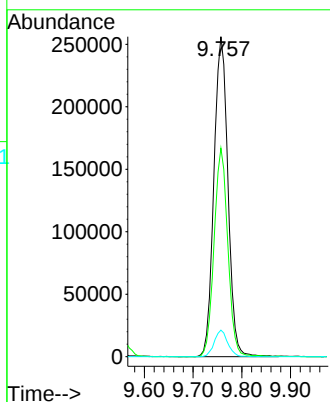
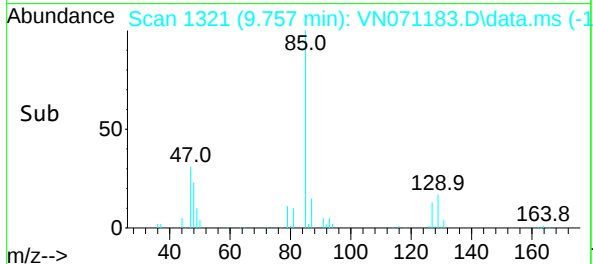
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



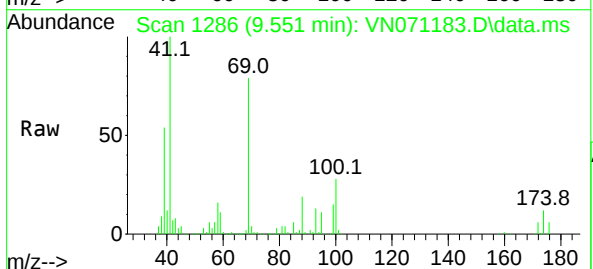
Tgt Ion: 83 Resp: 512748
Ion Ratio Lower Upper
83 100
85 65.1 50.9 76.3
127 8.3 7.1 10.7

Manual Integrations
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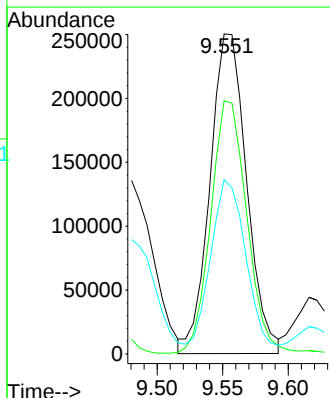
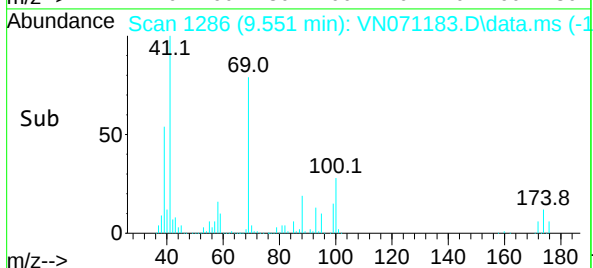
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

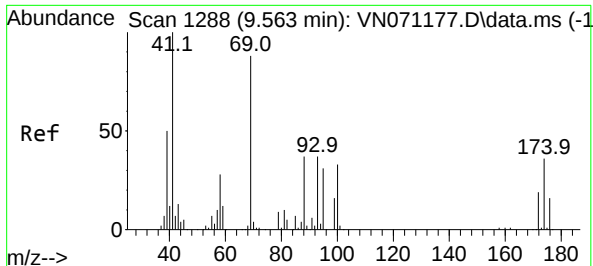


#48
Methyl methacrylate
Concen: 49.711 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37



Tgt Ion: 41 Resp: 486244
Ion Ratio Lower Upper
41 100
69 79.4 72.4 108.6
39 52.9 58.4 87.6#





#49

1,4-Dioxane

Concen: 978.209 ug/l

RT: 9.563 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN071183.D

Acq: 08 Mar 2022 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 16631

Ion Ratio Lower Upper

88 100

43 32.0 23.4 35.2

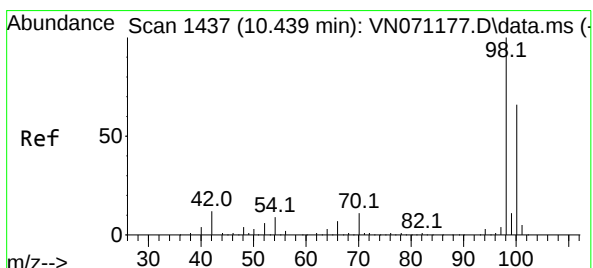
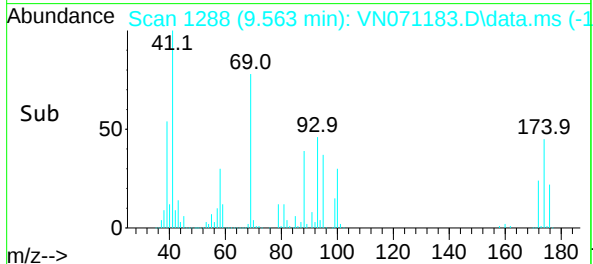
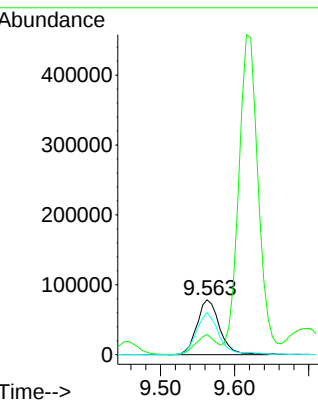
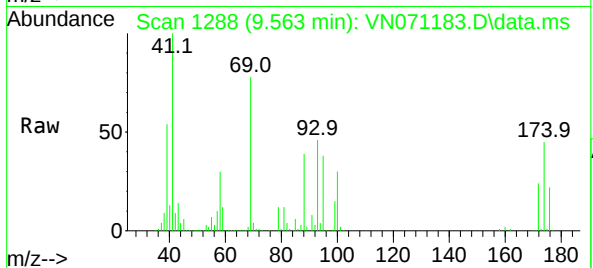
58 77.4 50.6 75.8

Manual Integrations

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Reviewed By :John Carlone 03/09/2022

Supervised By :Mahesh Dadoda 03/09/2022



#50

Toluene-d8

Concen: 51.774 ug/l

RT: 10.433 min Scan# 1436

Delta R.T. -0.006 min

Lab File: VN071183.D

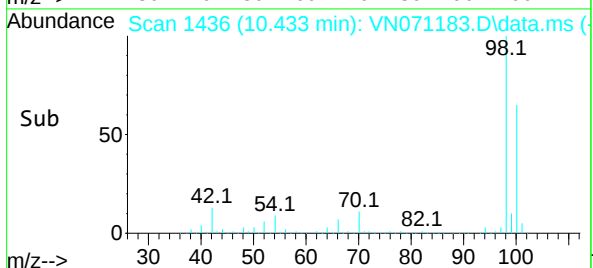
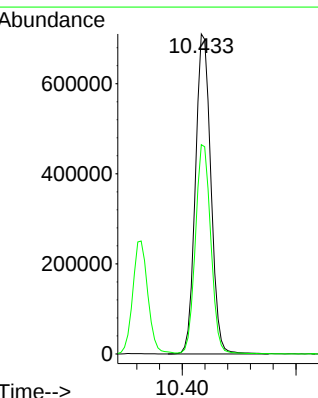
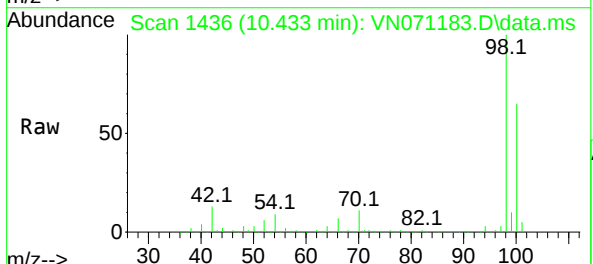
Acq: 08 Mar 2022 11:37

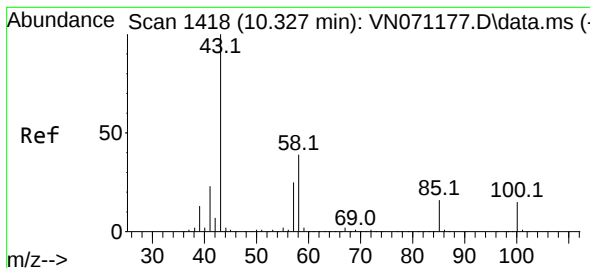
Tgt Ion: 98 Resp: 1334332

Ion Ratio Lower Upper

98 100

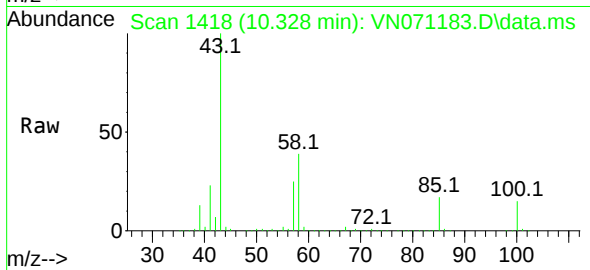
100 65.7 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 242.508 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.001 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

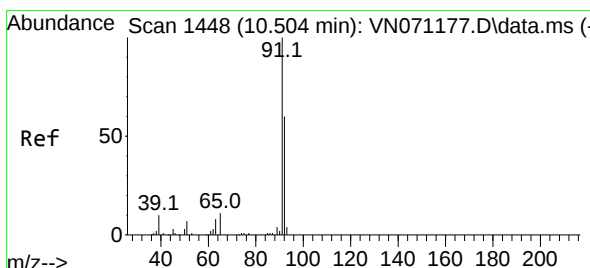
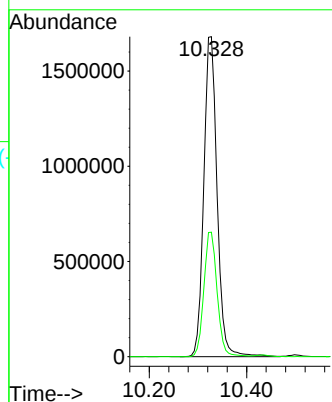
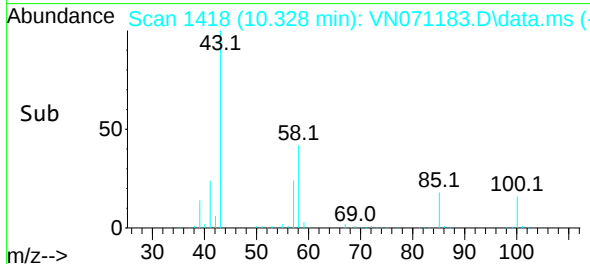
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 317661
Ion Ratio Lower Upper
43 100
58 38.9 30.4 45.6

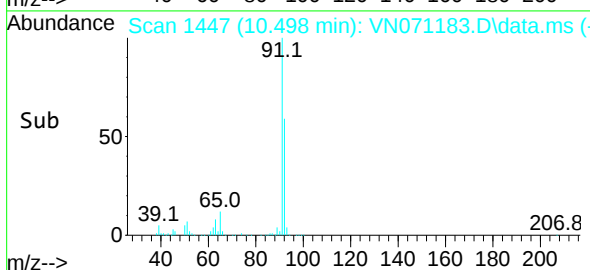
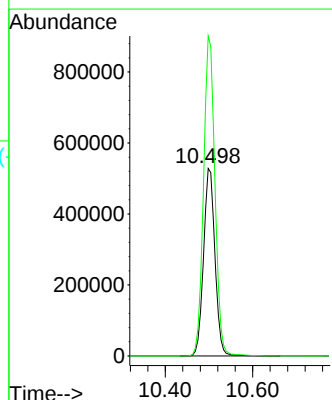
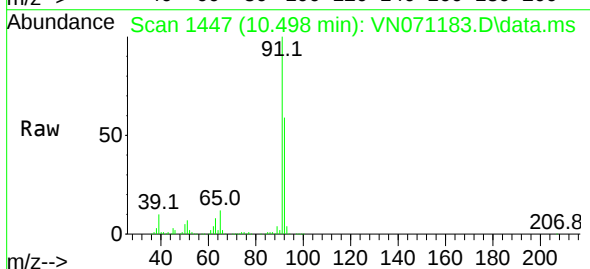
Manual Integrations
APPROVED

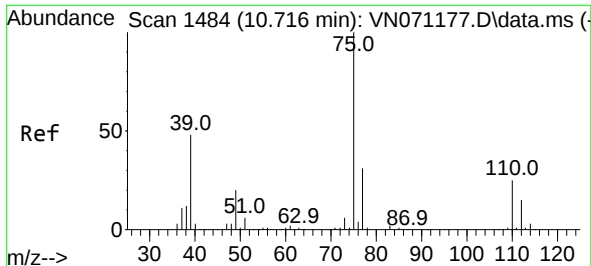
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#52
Toluene
Concen: 50.511 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

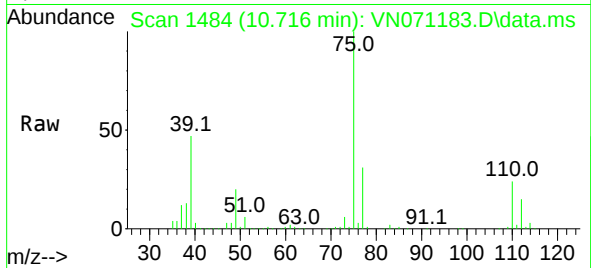
Tgt Ion: 92 Resp: 961089
Ion Ratio Lower Upper
92 100
91 170.7 142.0 213.0





#53
 t-1,3-Dichloropropene
 Concen: 51.423 ug/l
 RT: 10.716 min Scan# 1484
 Delta R.T. -0.000 min
 Lab File: VN071183.D
 Acq: 08 Mar 2022 11:37

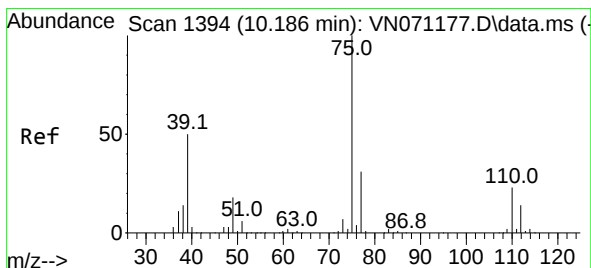
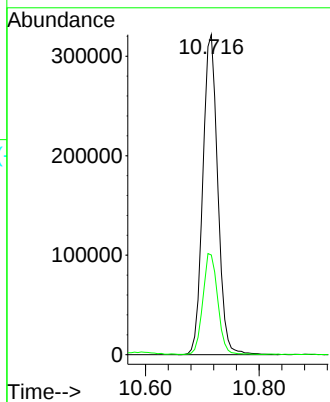
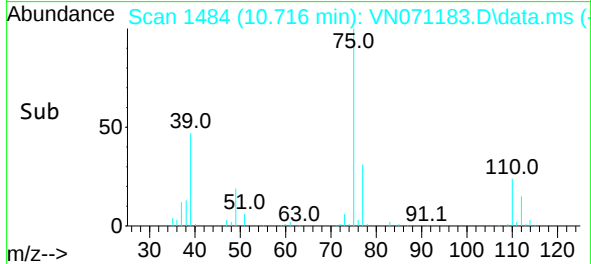
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



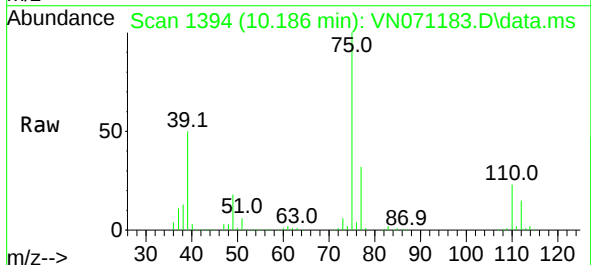
Tgt Ion: 75 Resp: 58484
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.6 38.4

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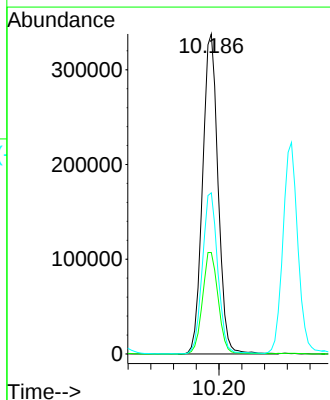
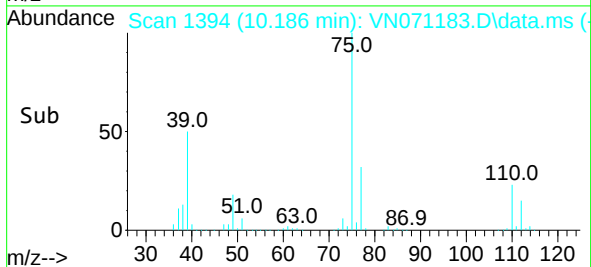
Reviewed By :John Carlone 03/09/2022
 Supervised By :Mahesh Dadoda 03/09/2022

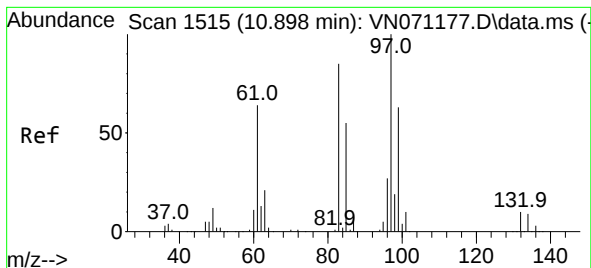


#54
 cis-1,3-Dichloropropene
 Concen: 51.339 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN071183.D
 Acq: 08 Mar 2022 11:37



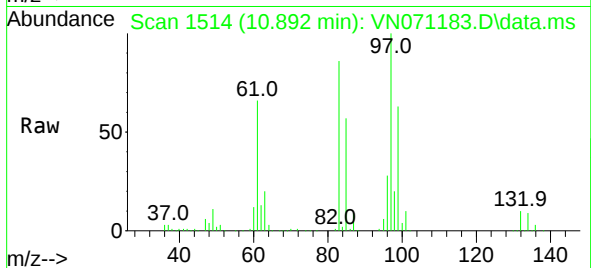
Tgt Ion: 75 Resp: 637995
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.4 39.6
 39 50.3 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 48.405 ug/l
RT: 10.892 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

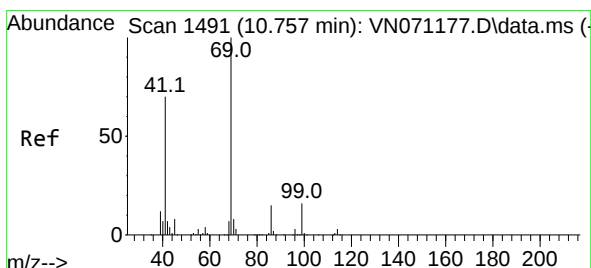
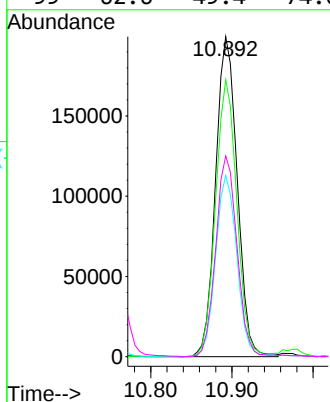
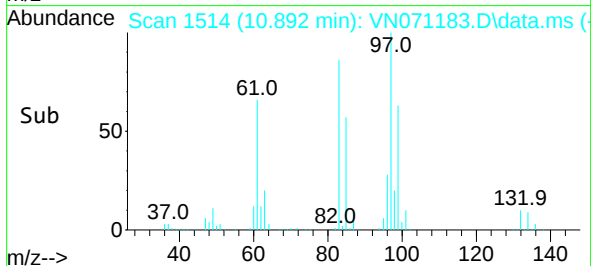
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



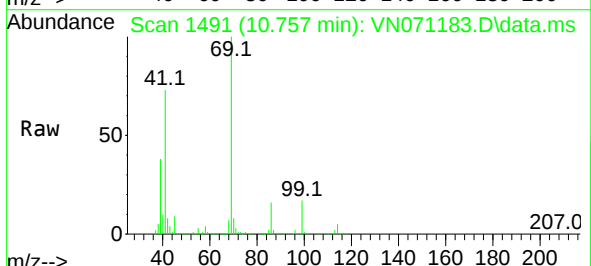
Tgt Ion: 97 Resp: 36906
Ion Ratio Lower Upper
97 100
83 86.5 67.8 101.6
85 56.6 45.4 68.2
99 62.6 49.4 74.0

Manual Integrations
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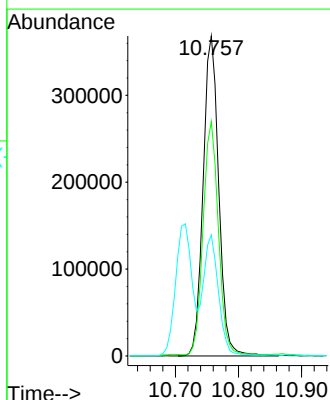
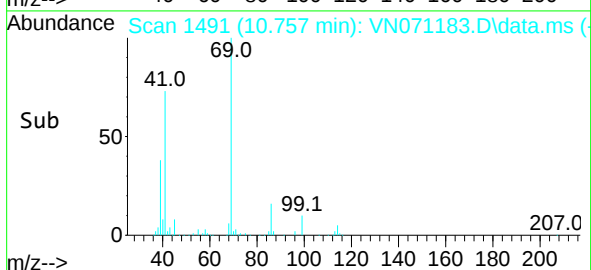
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

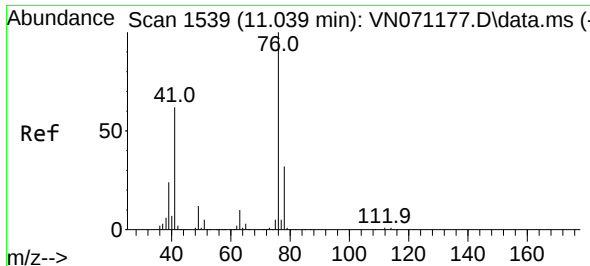


#56
Ethyl methacrylate
Concen: 50.615 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37



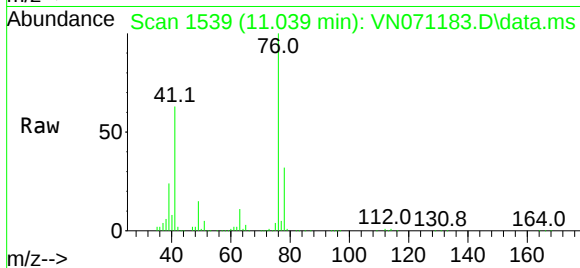
Tgt Ion: 69 Resp: 630221
Ion Ratio Lower Upper
69 100
41 71.3 51.4 77.0
39 37.1 34.6 52.0





#57
1,3-Dichloropropane
Concen: 48.662 ug/l
RT: 11.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

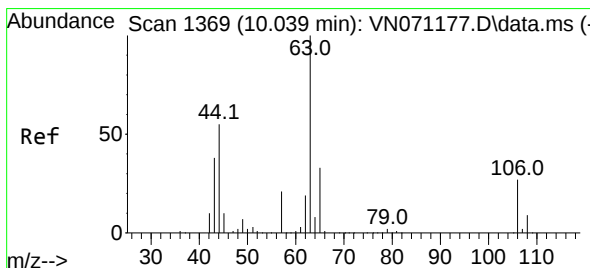
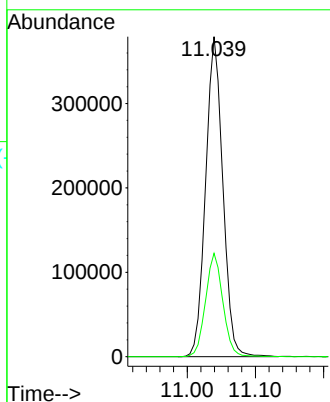
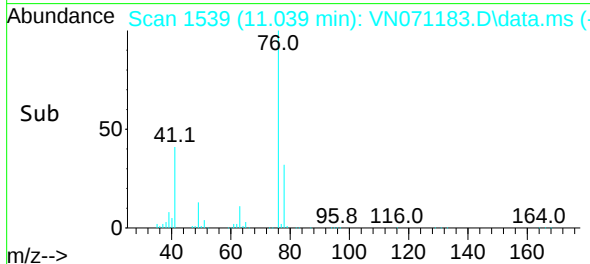
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



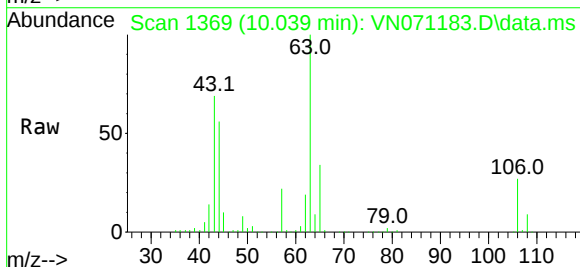
Tgt Ion: 76 Resp: 66596
Ion Ratio Lower Upper
76 100
78 32.5 25.7 38.5

Manual Integrations
APPROVED

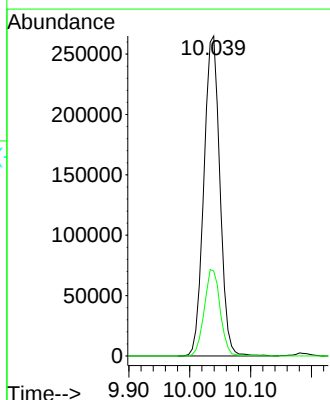
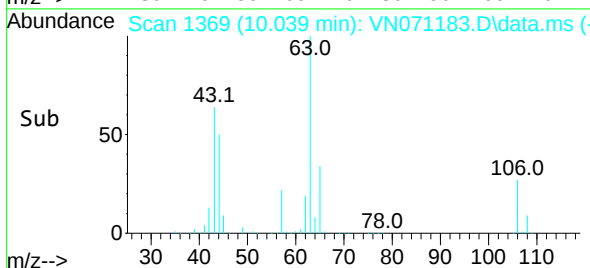
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

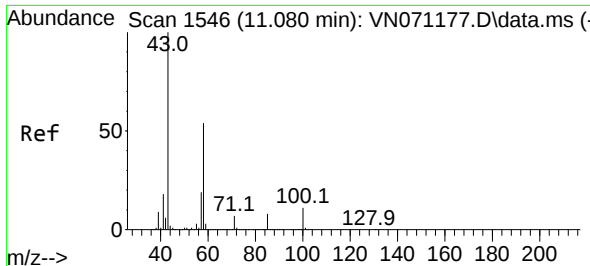


#58
2-Chloroethyl Vinyl ether
Concen: 192.362 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37



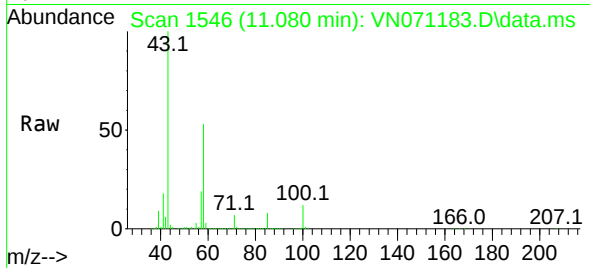
Tgt Ion: 63 Resp: 484297
Ion Ratio Lower Upper
63 100
106 26.9 23.9 35.9





#59
2-Hexanone
Concen: 249.710 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

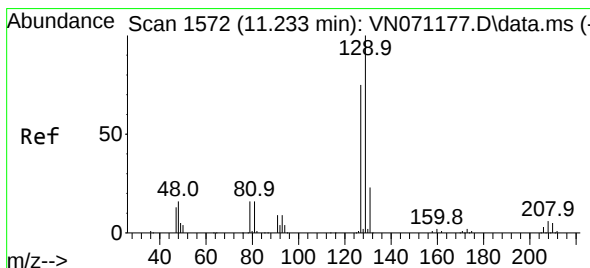
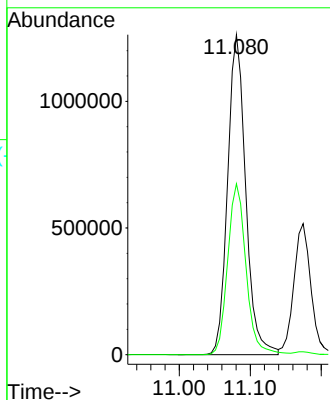
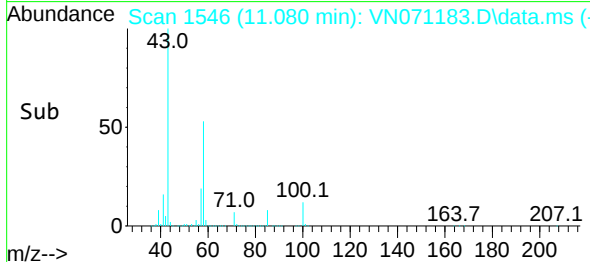
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 223180
Ion Ratio Lower Upper
43 100
58 54.3 26.9 80.7

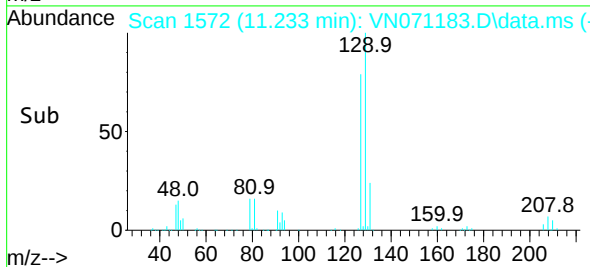
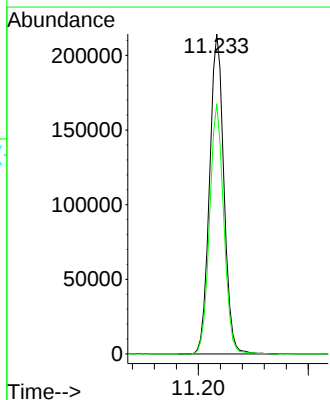
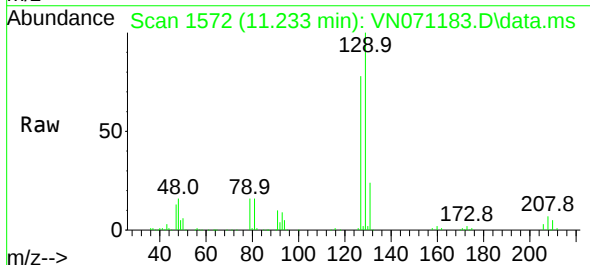
Manual Integrations
APPROVED

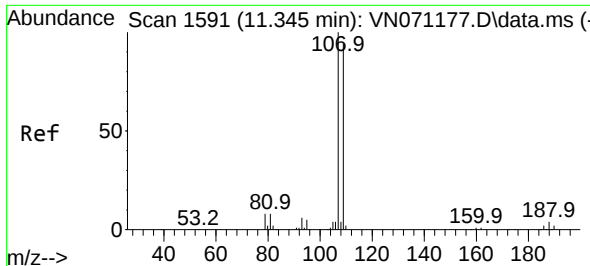
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#60
Dibromochloromethane
Concen: 51.210 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

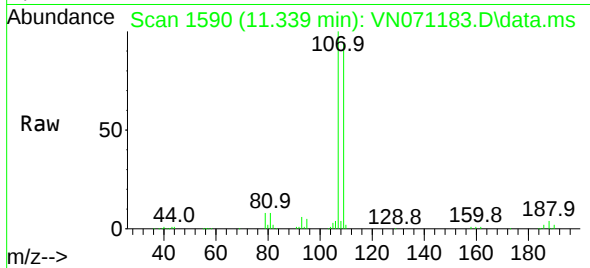
Tgt Ion:129 Resp: 387949
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 48.964 ug/l
RT: 11.339 min Scan# 1139
Delta R.T. -0.006 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

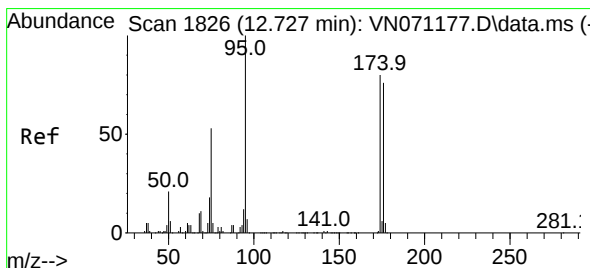
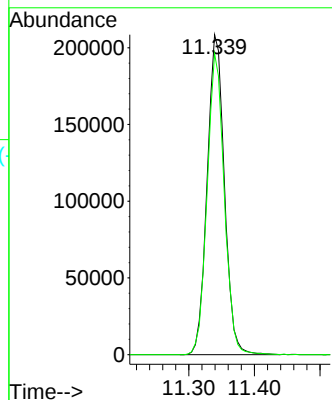
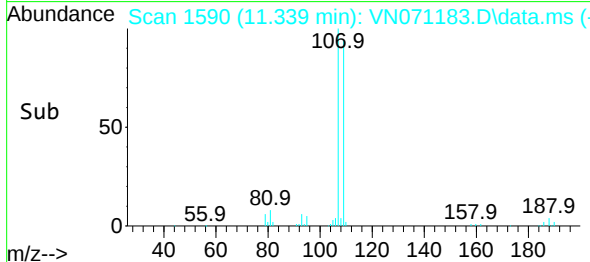
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



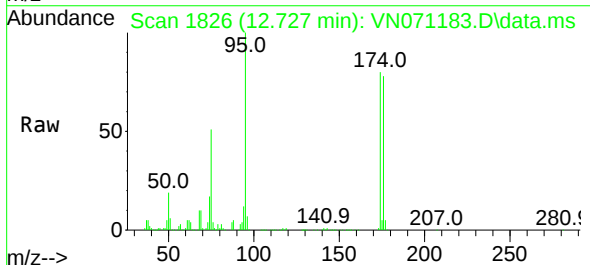
Tgt Ion:107 Resp: 381548
Ion Ratio Lower Upper
107 100
109 93.7 75.7 113.5

Manual Integrations
APPROVED

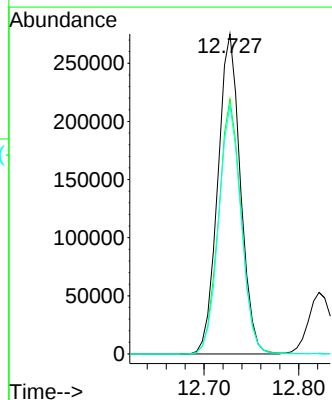
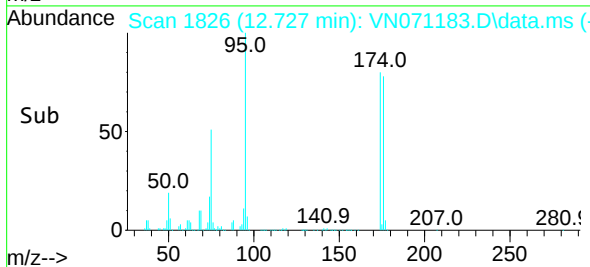
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

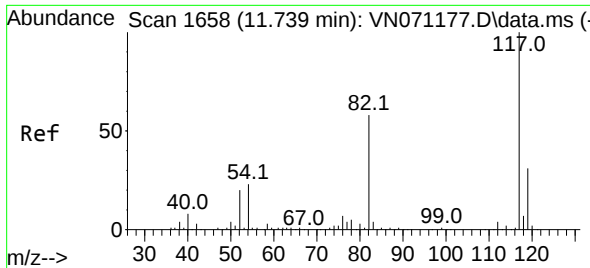


#62
4-Bromofluorobenzene
Concen: 52.370 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37



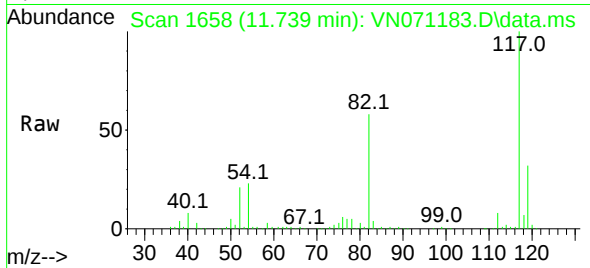
Tgt Ion: 95 Resp: 457041
Ion Ratio Lower Upper
95 100
174 79.8 0.0 187.2
176 77.1 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

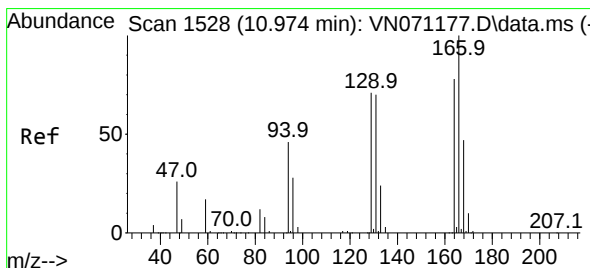
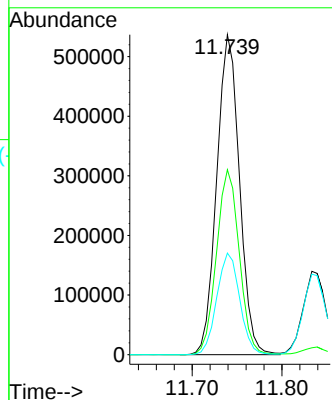
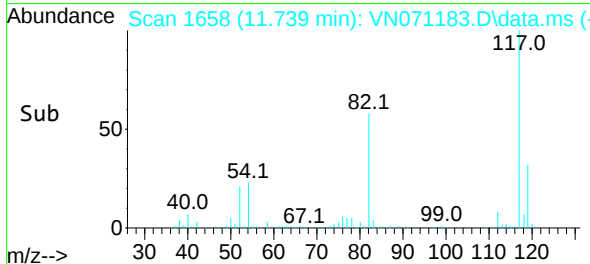
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



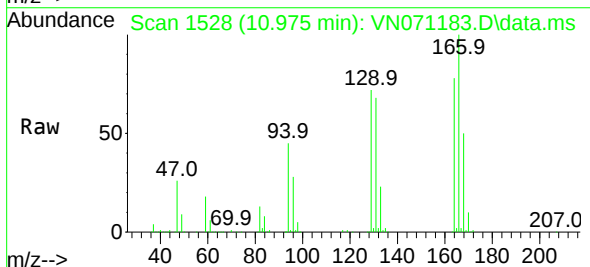
Tgt Ion:117 Resp: 945939
Ion Ratio Lower Upper
117 100
82 57.8 42.4 63.6
119 31.7 25.4 38.2

Manual Integrations
APPROVED

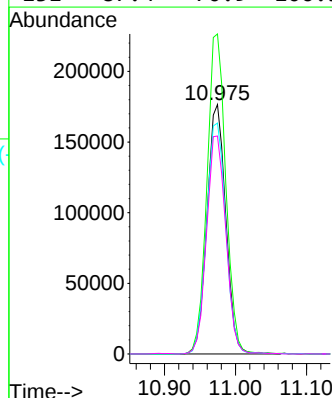
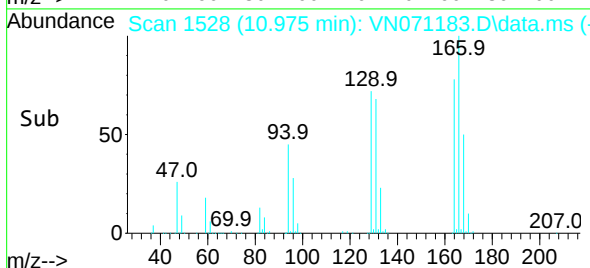
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

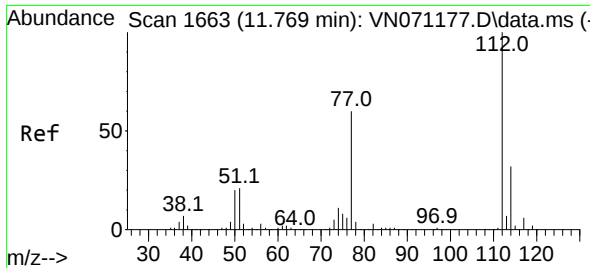


#64
Tetrachloroethene
Concen: 49.239 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.001 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37



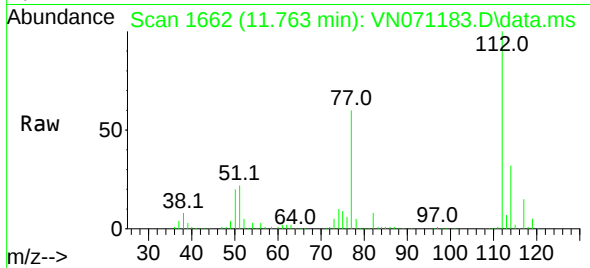
Tgt Ion:164 Resp: 324847
Ion Ratio Lower Upper
164 100
166 128.3 101.9 152.9
129 92.5 72.0 108.0
131 87.4 70.9 106.3





#65
Chlorobenzene
Concen: 48.872 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

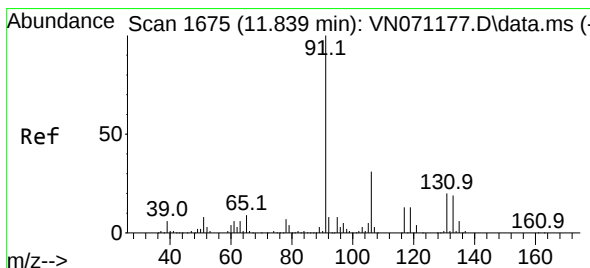
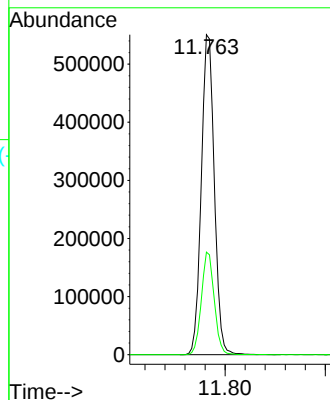
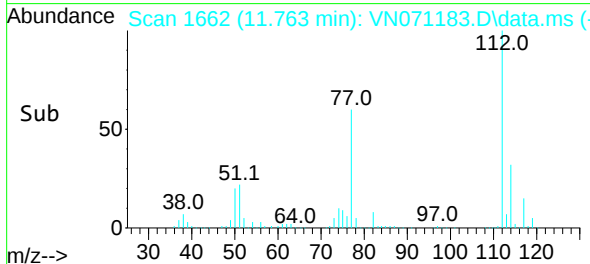
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



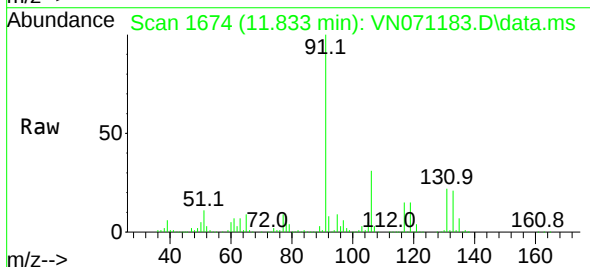
Tgt Ion:112 Resp: 99281
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0

Manual Integrations
APPROVED

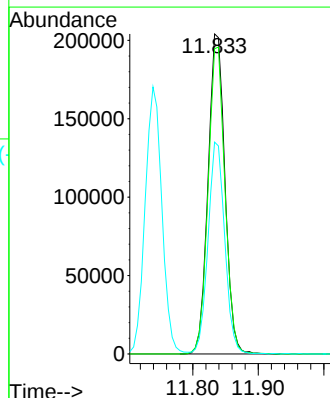
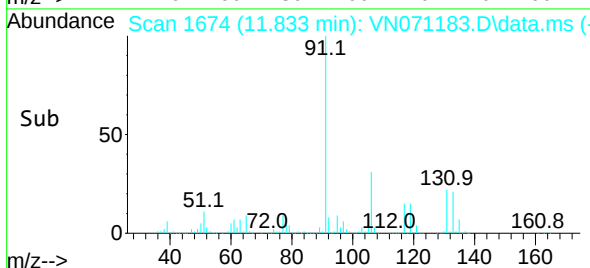
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

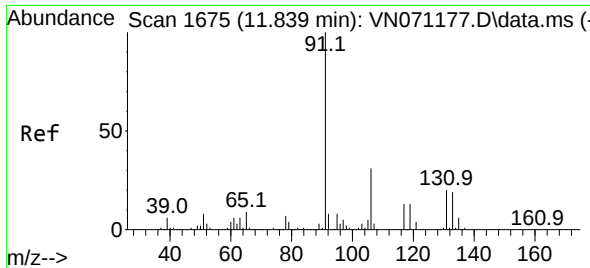


#66
1,1,1,2-Tetrachloroethane
Concen: 49.140 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37



Tgt Ion:131 Resp: 366039
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.7
119 65.6 32.1 96.5





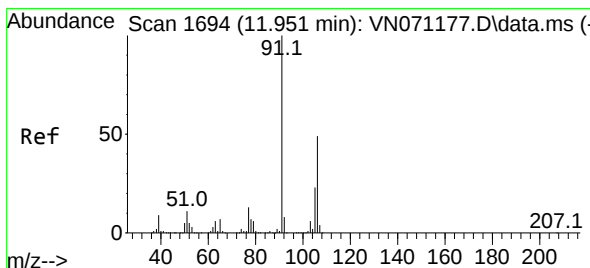
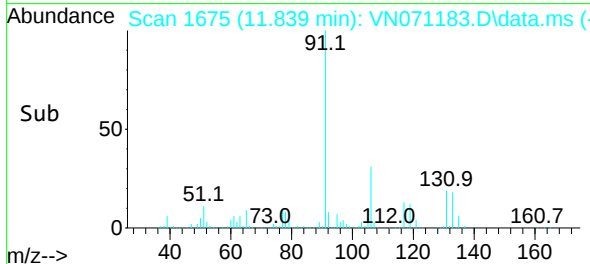
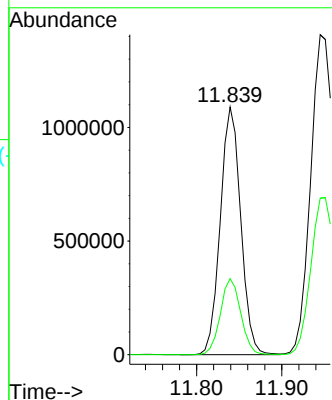
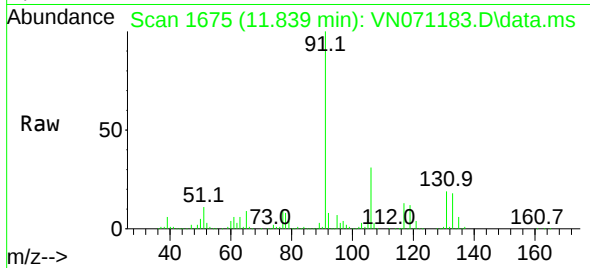
#67
Ethyl Benzene
Concen: 50.671 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 182004
Ion Ratio Lower Upper
91 100
106 30.7 25.7 38.5

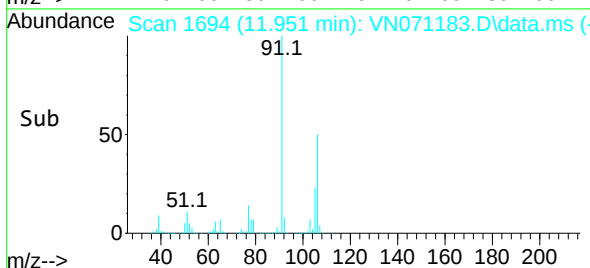
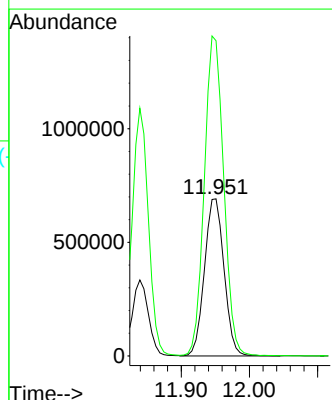
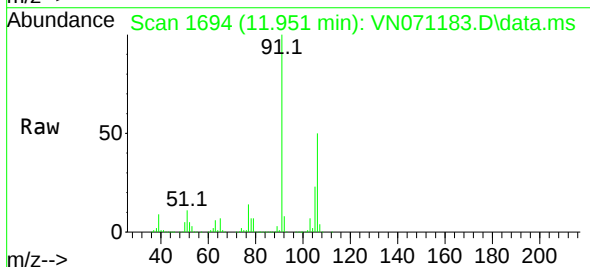
Manual Integrations
APPROVED

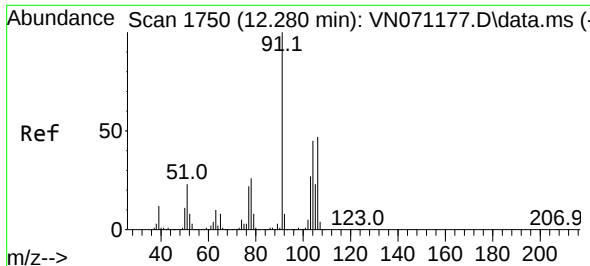
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#68
m/p-Xylenes
Concen: 105.049 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

Tgt Ion:106 Resp: 1380347
Ion Ratio Lower Upper
106 100
91 201.9 160.6 240.8





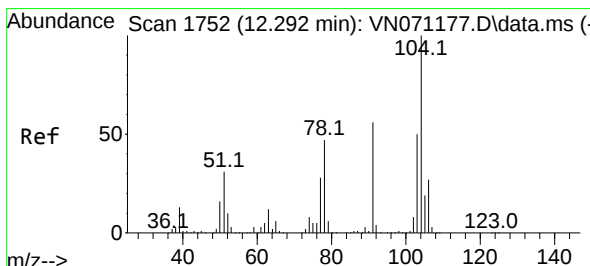
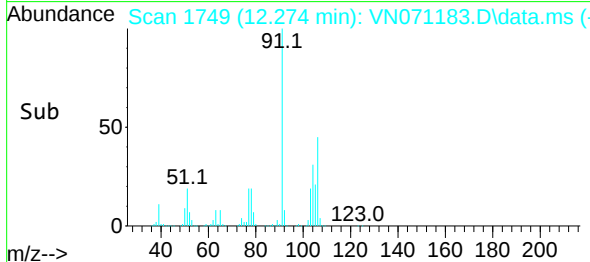
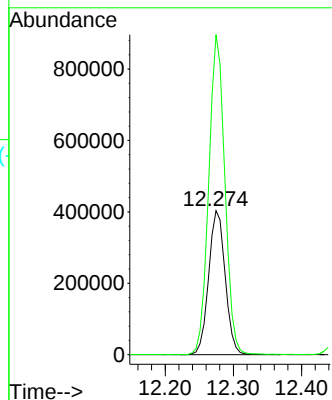
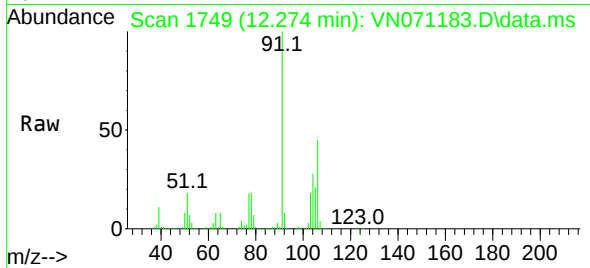
#69
o-Xylene
Concen: 51.681 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 68071
Ion Ratio Lower Upper
106 100
91 216.6 105.8 317.3

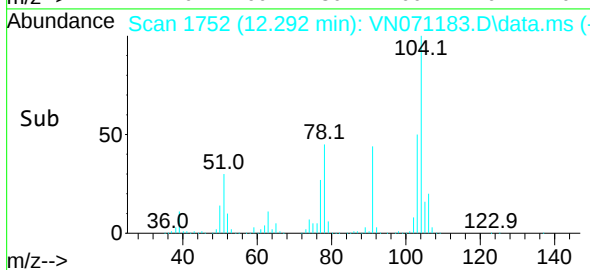
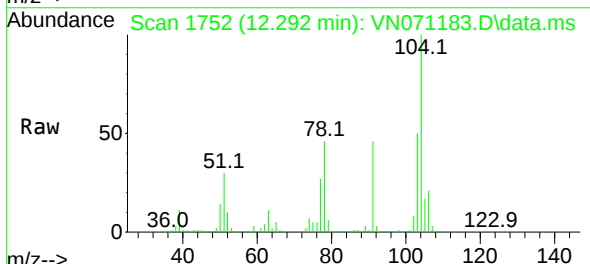
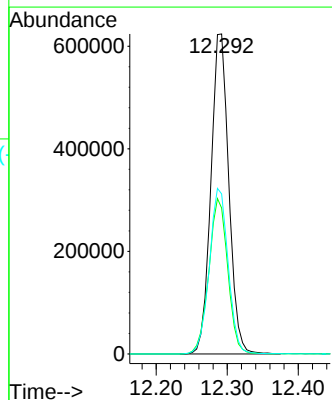
Manual Integrations
APPROVED

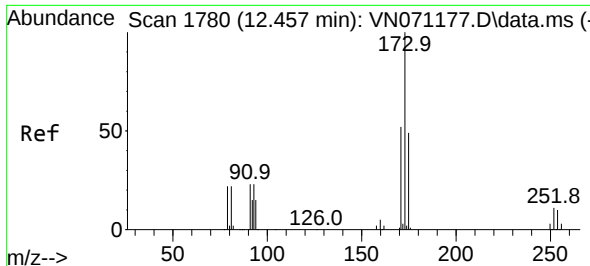
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#70
Styrene
Concen: 53.574 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

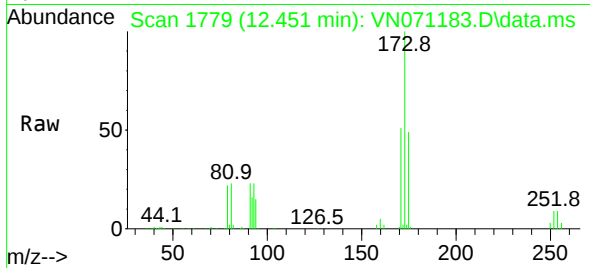
Tgt Ion:104 Resp: 1092304
Ion Ratio Lower Upper
104 100
78 51.3 38.7 58.1
103 54.5 45.0 67.6





#71
Bromoform
Concen: 51.843 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

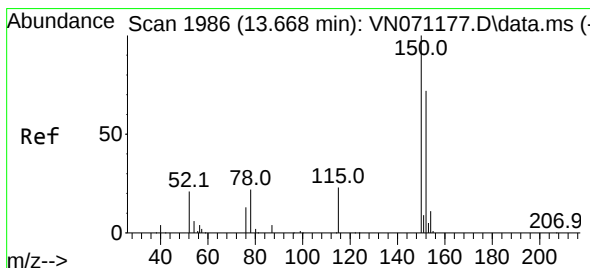
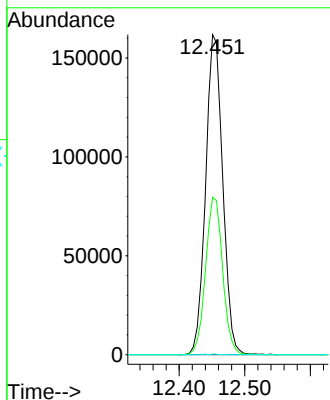
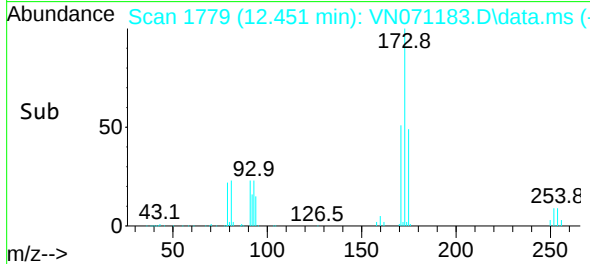
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



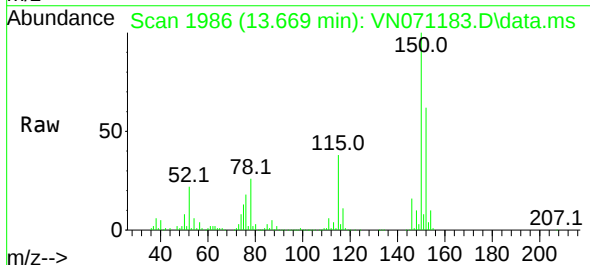
Tgt Ion:173 Resp: 293264
Ion Ratio Lower Upper
173 100
175 49.2 24.2 72.6
254 0.1 0.0 0.0

Manual Integrations
APPROVED

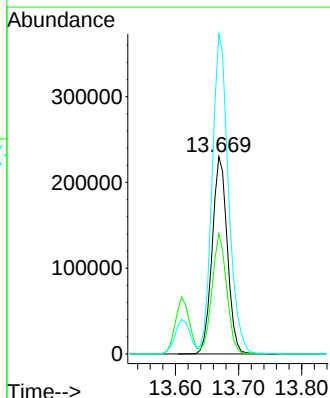
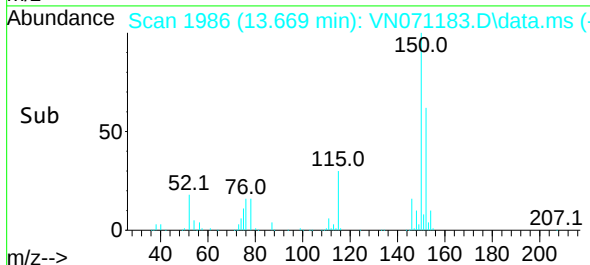
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

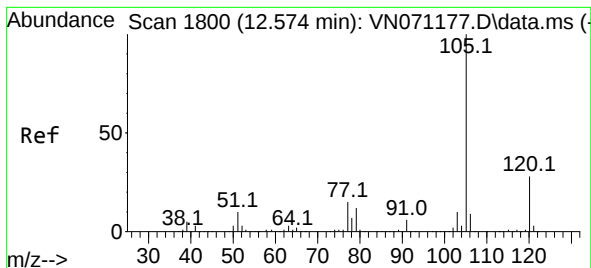


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37



Tgt Ion:152 Resp: 383215
Ion Ratio Lower Upper
152 100
115 58.6 27.5 82.5
150 175.6 0.0 344.4





#73

Isopropylbenzene

Concen: 48.002 ug/l

RT: 12.574 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VN071183.D

Acq: 08 Mar 2022 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 1773238

Ion Ratio Lower Upper

105 100

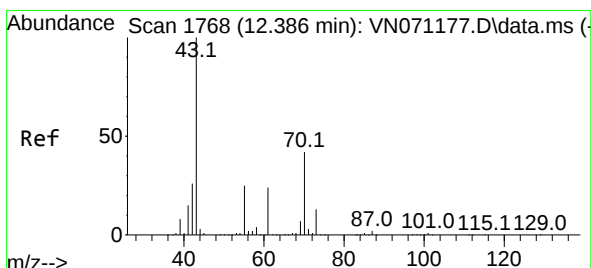
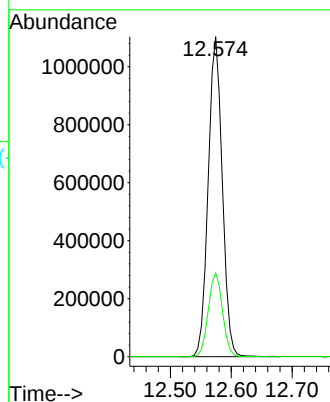
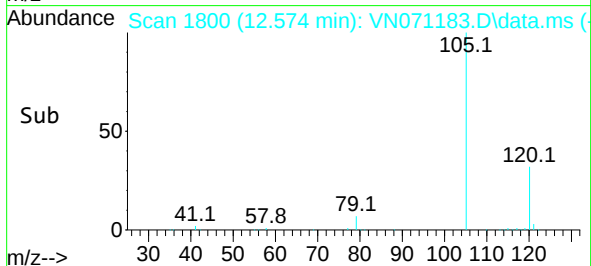
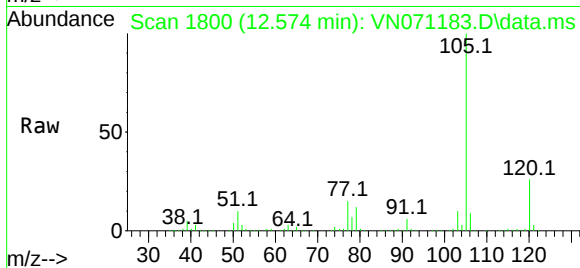
120 26.4 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2022

Supervised By :Mahesh Dadoda 03/09/2022



#74

N-ethyl acetate

Concen: 47.949 ug/l

RT: 12.380 min Scan# 1767

Delta R.T. -0.006 min

Lab File: VN071183.D

Acq: 08 Mar 2022 11:37

Tgt Ion: 43 Resp: 666008

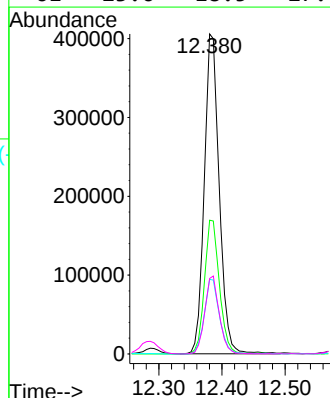
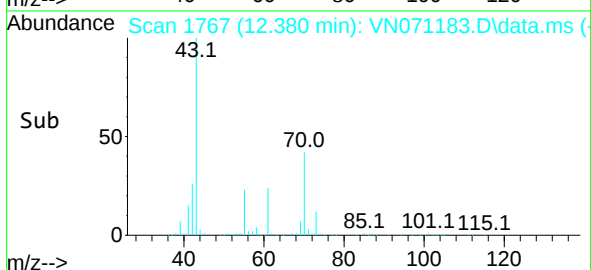
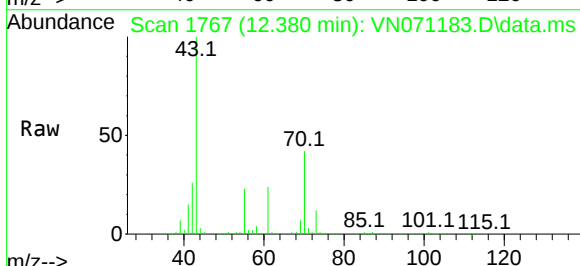
Ion Ratio Lower Upper

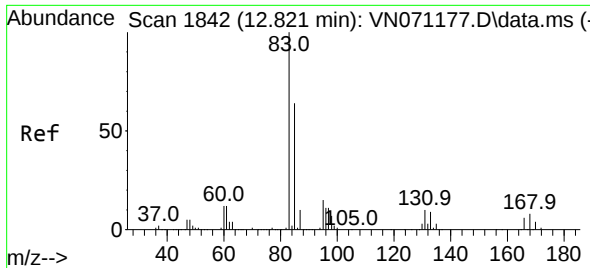
43 100

70 41.8 33.4 50.0

55 23.6 19.3 28.9

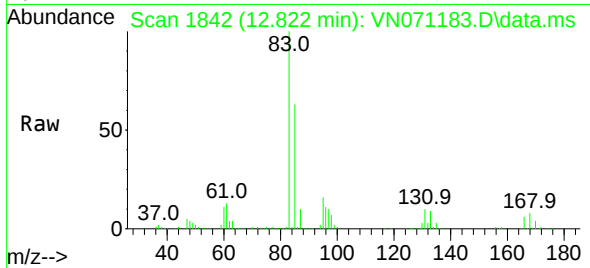
61 23.6 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 51.429 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.001 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

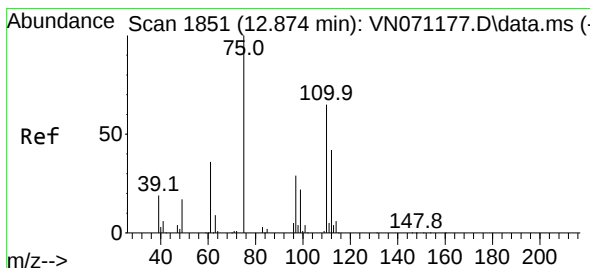
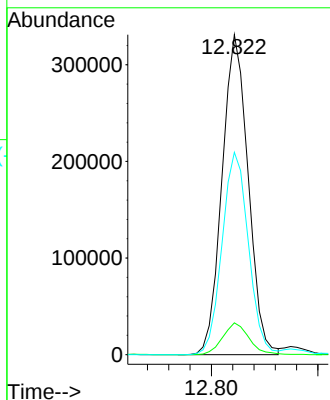
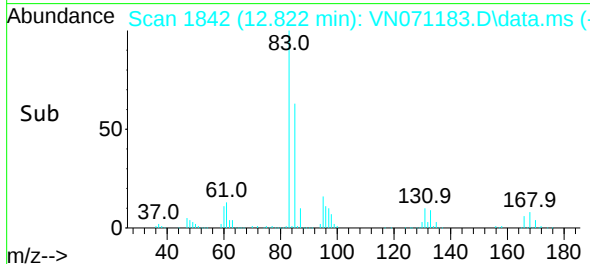
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 563768
Ion Ratio Lower Upper
83 100
131 10.1 5.5 16.5
85 63.8 32.4 97.2

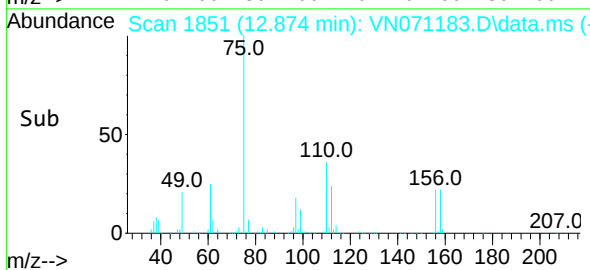
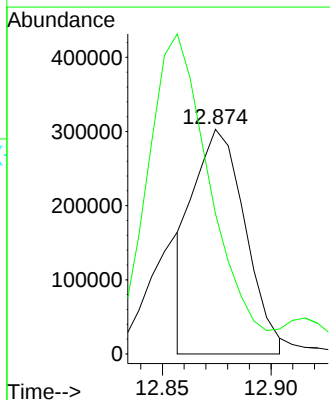
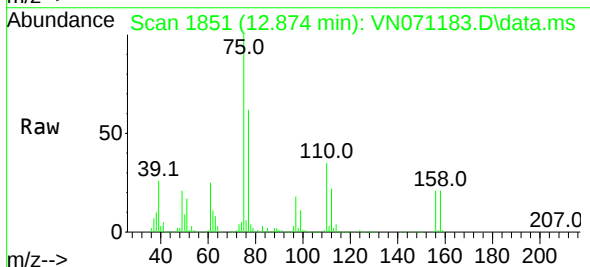
Manual Integrations
APPROVED

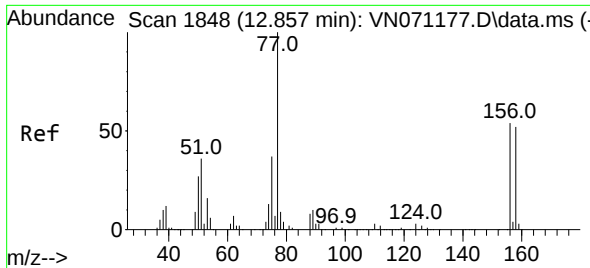
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#76
1,2,3-Trichloropropane
Concen: 54.815 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

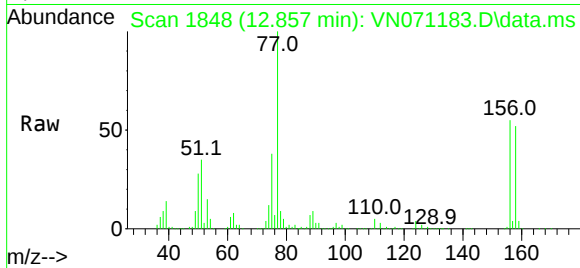
Tgt Ion: 75 Resp: 506596
Ion Ratio Lower Upper
75 100
77 173.3 82.6 247.8





#77
Bromobenzene
Concen: 47.434 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

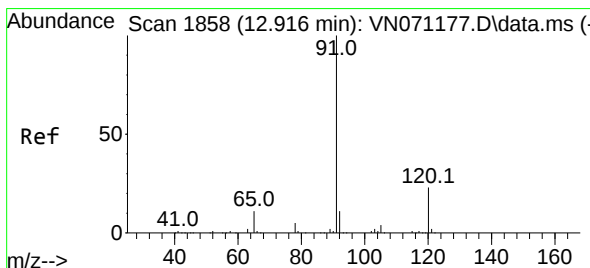
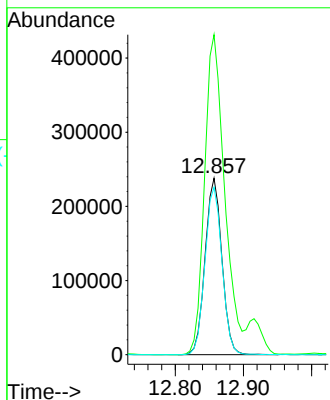
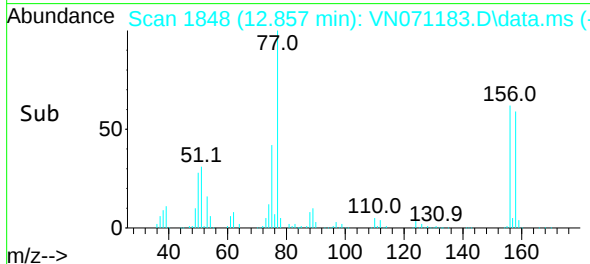
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



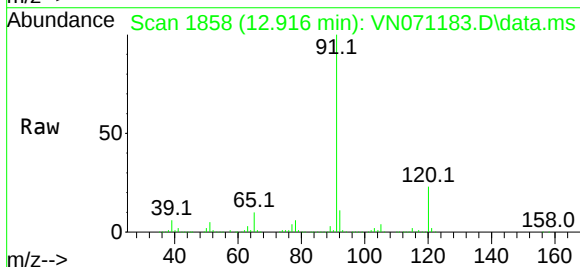
Tgt Ion:156 Resp: 408608
Ion Ratio Lower Upper
156 100
77 214.9 90.6 271.8
158 96.1 48.9 146.7

Manual Integrations
APPROVED

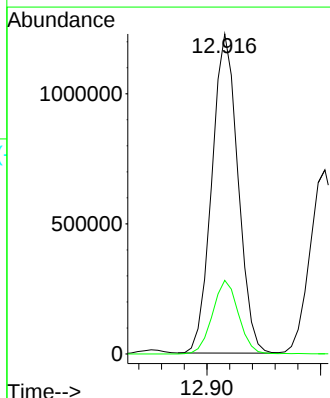
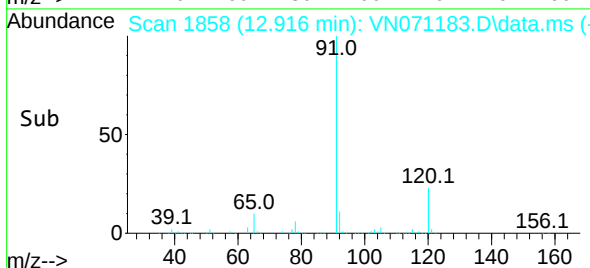
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

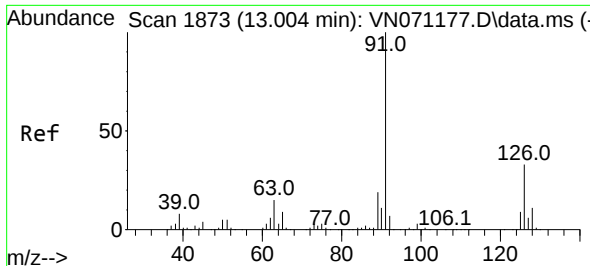


#78
n-propylbenzene
Concen: 49.468 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37



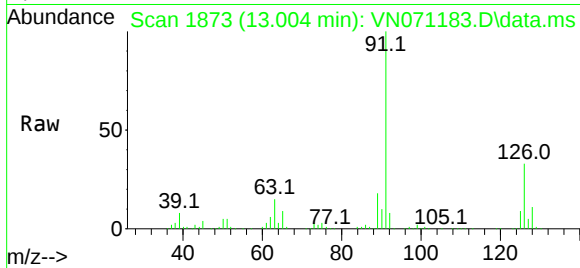
Tgt Ion: 91 Resp: 1960927
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.9





#79
2-Chlorotoluene
Concen: 46.913 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

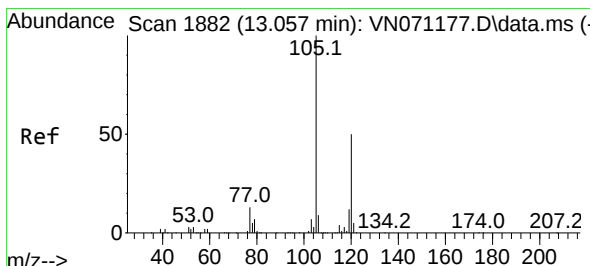
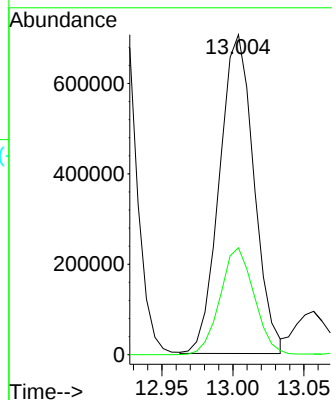
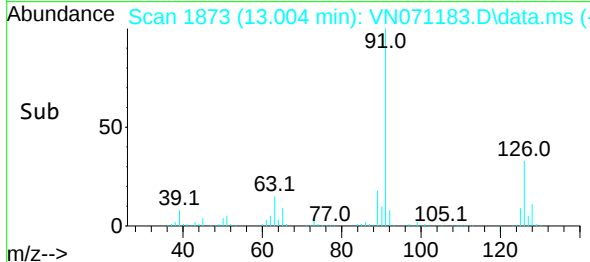
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



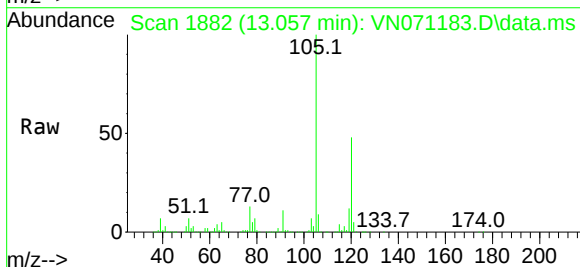
Tgt Ion: 91 Resp: 1193760
Ion Ratio Lower Upper
91 100
126 33.1 18.3 54.8

Manual Integrations
APPROVED

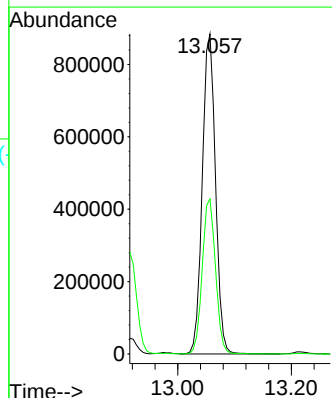
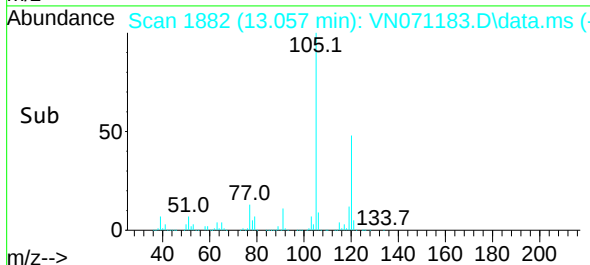
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

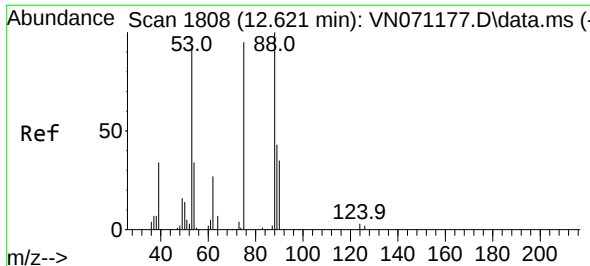


#80
1,3,5-Trimethylbenzene
Concen: 49.469 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37



Tgt Ion:105 Resp: 1421759
Ion Ratio Lower Upper
105 100
120 48.7 24.6 73.6





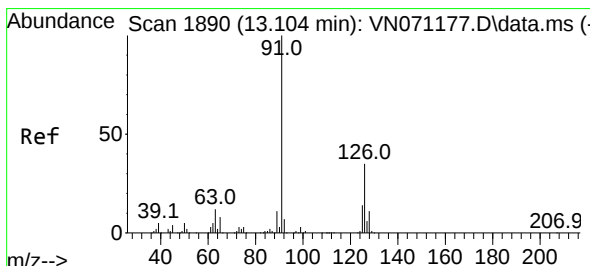
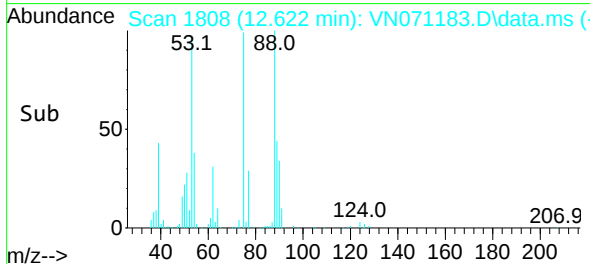
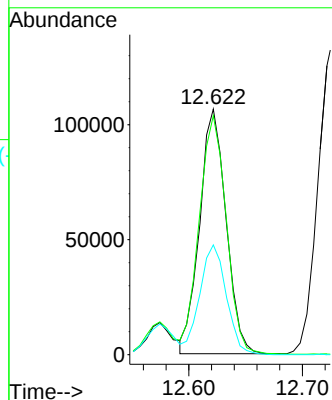
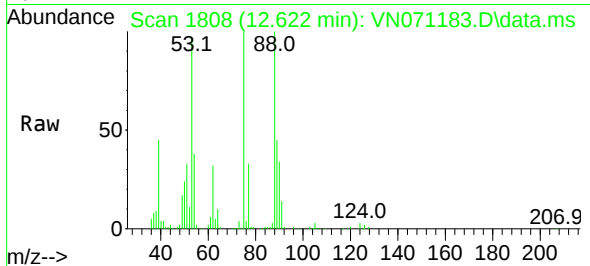
#81
trans-1,4-Dichloro-2-butene
Concen: 48.470 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 171820
Ion Ratio Lower Upper
75 100
53 100.3 90.5 135.7
89 45.5 38.2 57.4

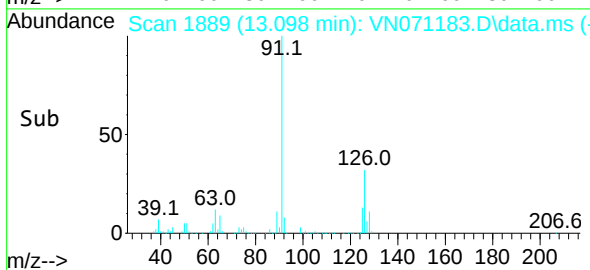
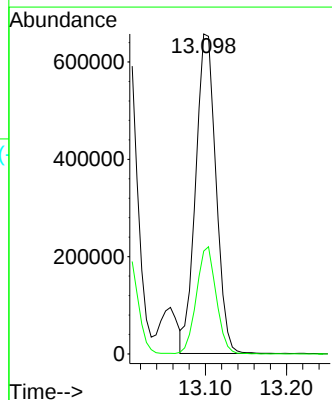
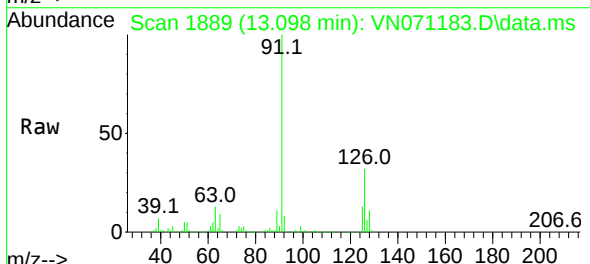
Manual Integrations
APPROVED

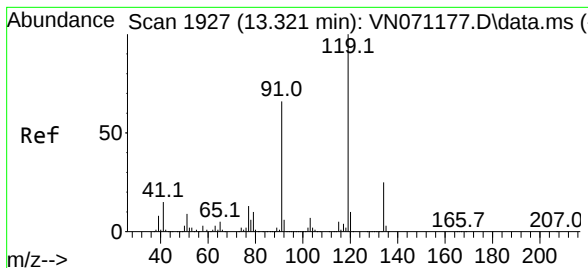
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#82
4-Chlorotoluene
Concen: 50.259 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

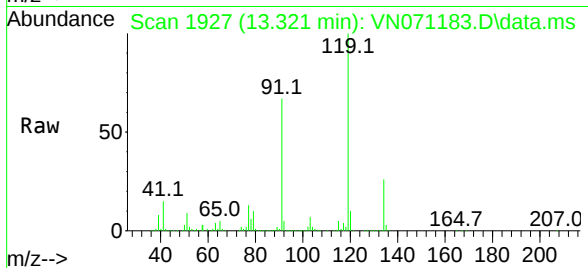
Tgt Ion: 91 Resp: 1139148
Ion Ratio Lower Upper
91 100
126 32.9 18.2 54.6





#83
tert-Butylbenzene
Concen: 48.992 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

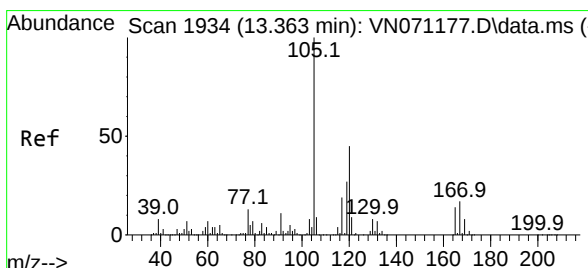
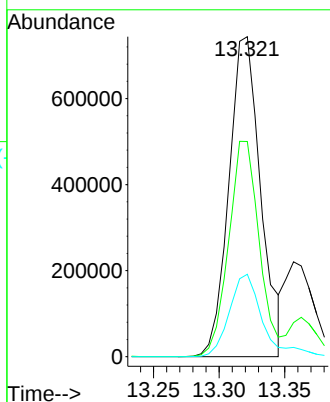
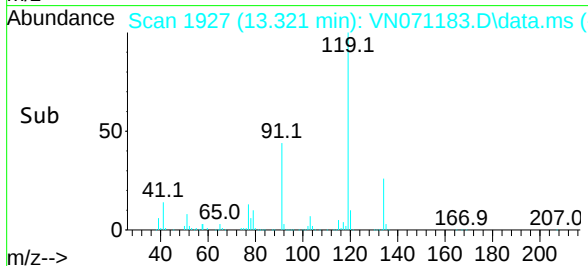
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



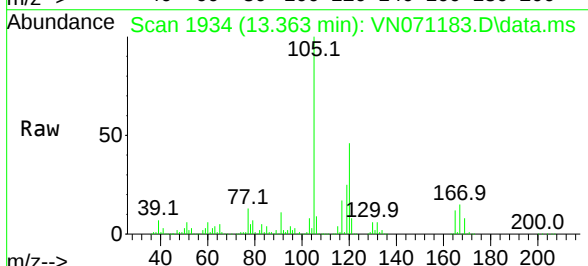
Tgt Ion:119 Resp: 125657
Ion Ratio Lower Upper
119 100
91 64.4 31.5 94.5
134 27.0 12.4 37.4

Manual Integrations
APPROVED

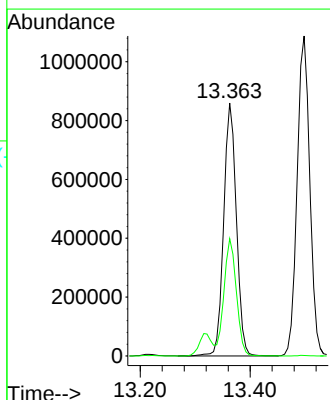
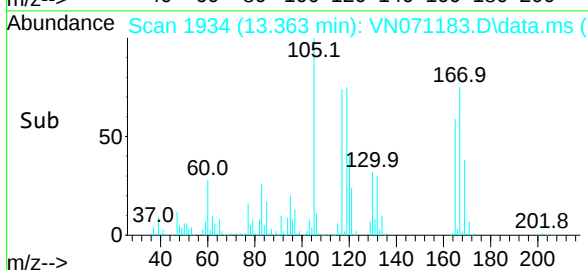
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

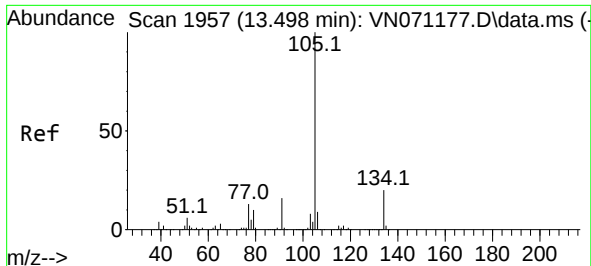


#84
1,2,4-Trimethylbenzene
Concen: 50.000 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37



Tgt Ion:105 Resp: 1376432
Ion Ratio Lower Upper
105 100
120 45.8 22.8 68.4





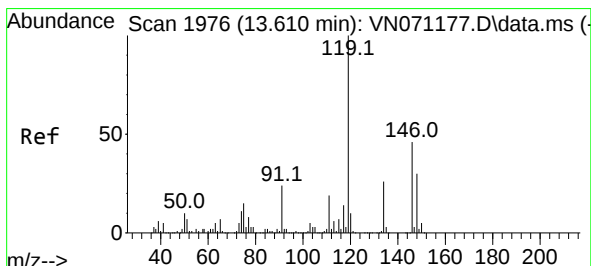
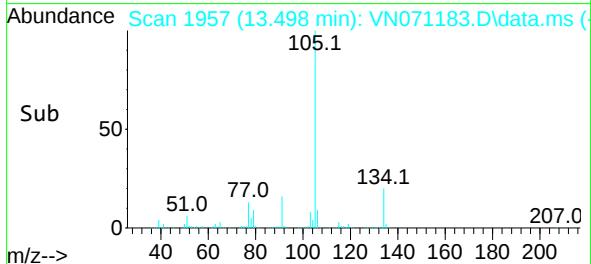
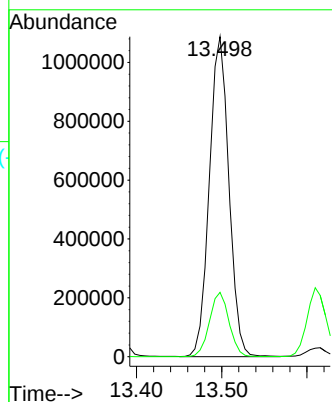
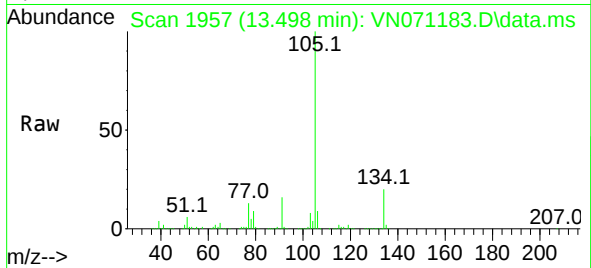
#85
 sec-Butylbenzene
 Concen: 50.929 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN071183.D
 Acq: 08 Mar 2022 11:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1736240
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1

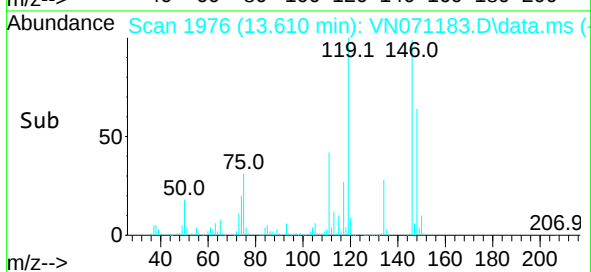
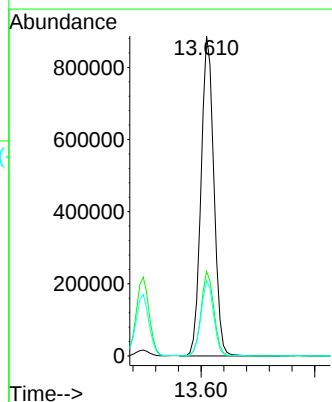
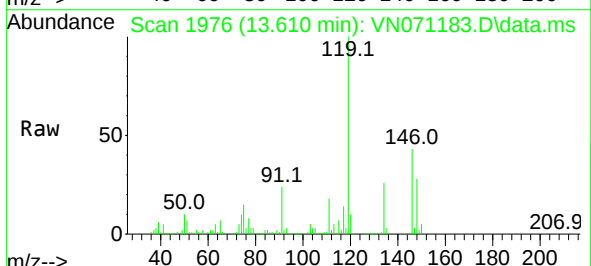
Manual Integrations
 APPROVED

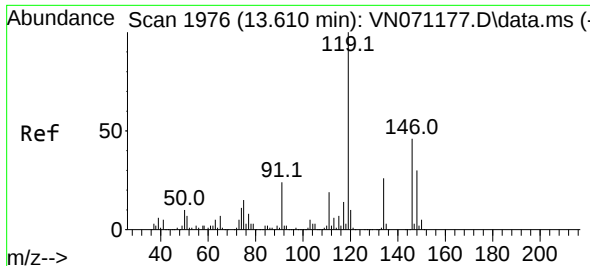
Reviewed By :John Carlone 03/09/2022
 Supervised By :Mahesh Dadoda 03/09/2022



#86
 p-Isopropyltoluene
 Concen: 51.856 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071183.D
 Acq: 08 Mar 2022 11:37

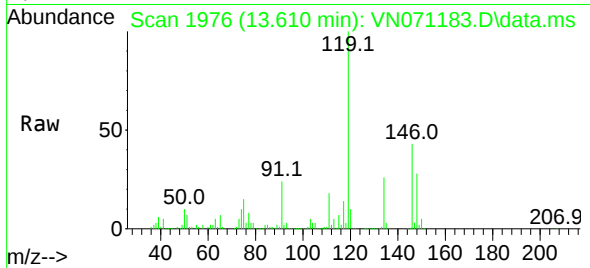
Tgt Ion:119 Resp: 1390305
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.6 40.7
 91 23.1 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 47.841 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

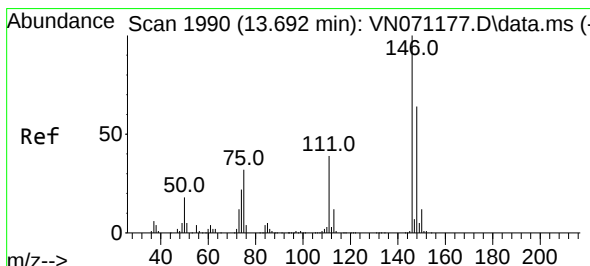
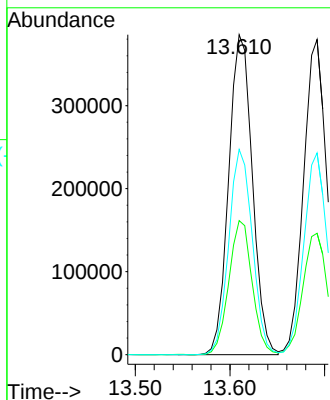
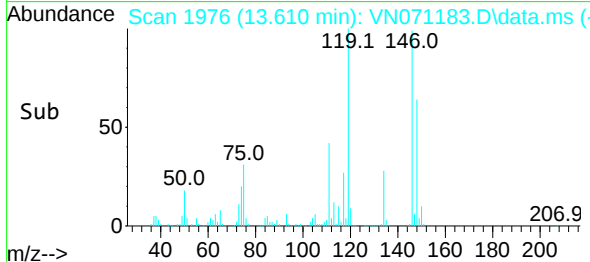
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



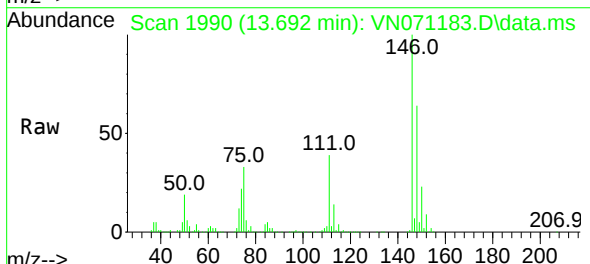
Tgt Ion:146 Resp: 669611
Ion Ratio Lower Upper
146 100
111 41.2 18.6 55.6
148 63.9 31.6 95.0

Manual Integrations
APPROVED

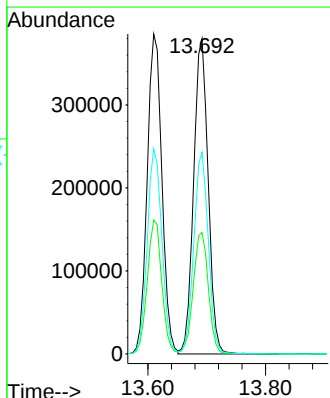
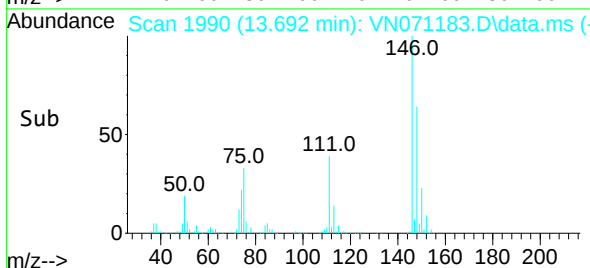
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

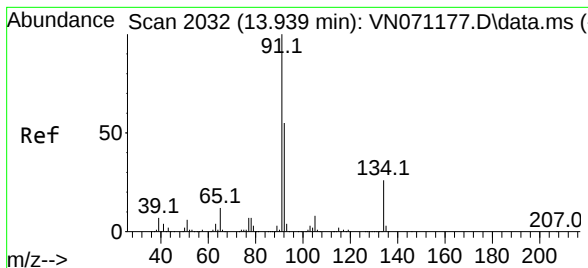


#88
1,4-Dichlorobenzene
Concen: 47.597 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37



Tgt Ion:146 Resp: 651207
Ion Ratio Lower Upper
146 100
111 39.7 18.3 54.8
148 63.7 31.8 95.4





#89

n-Butylbenzene

Concen: 51.255 ug/l

RT: 13.939 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VN071183.D

Acq: 08 Mar 2022 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 107480

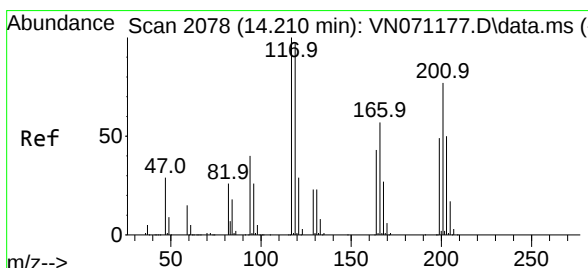
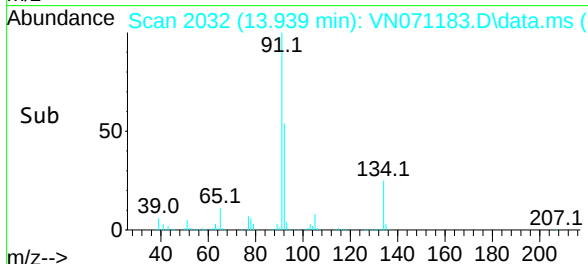
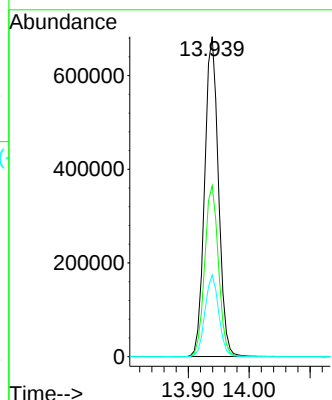
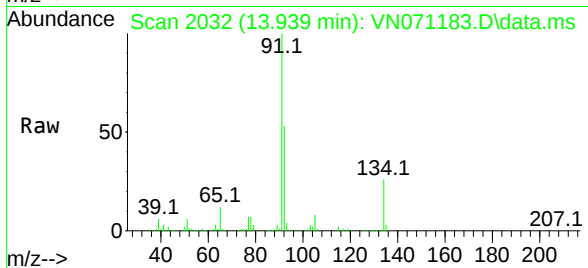
Ion	Ratio	Lower	Upper
91	100		
92	53.5	25.4	76.0
134	25.5	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2022

Supervised By :Mahesh Dadoda 03/09/2022



#90

Hexachloroethane

Concen: 48.366 ug/l

RT: 14.204 min Scan# 2077

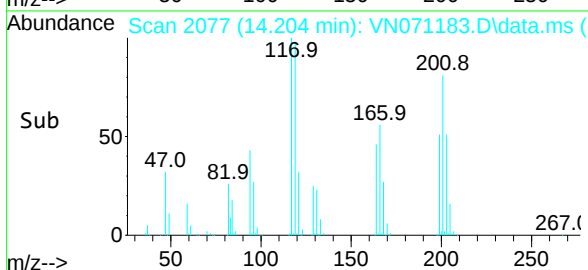
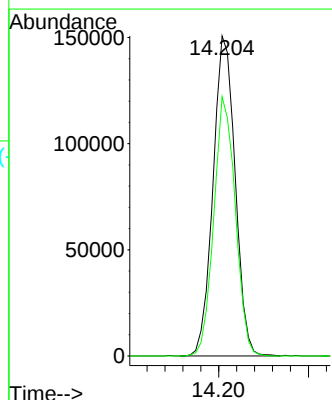
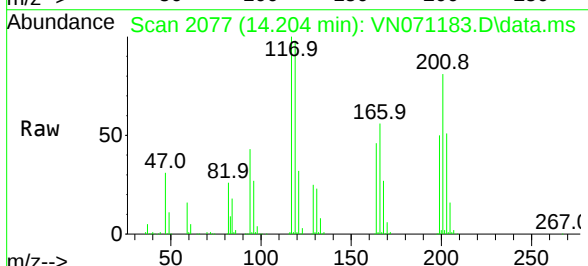
Delta R.T. -0.006 min

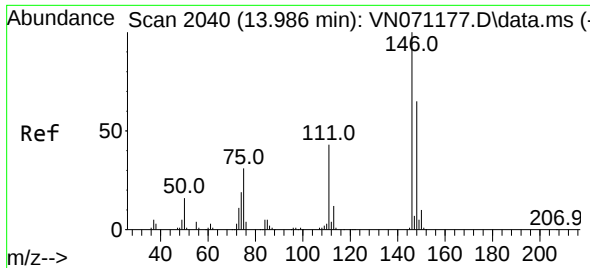
Lab File: VN071183.D

Acq: 08 Mar 2022 11:37

Tgt Ion:117 Resp: 257869

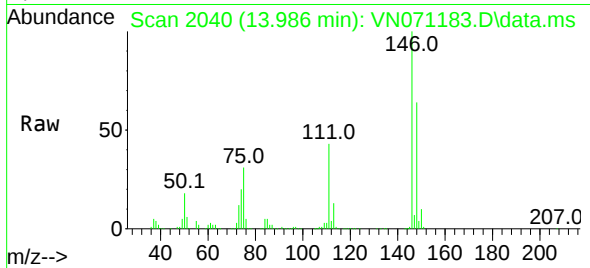
Ion	Ratio	Lower	Upper
117	100		
201	78.8	43.9	131.6





#91
1,2-Dichlorobenzene
Concen: 47.769 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

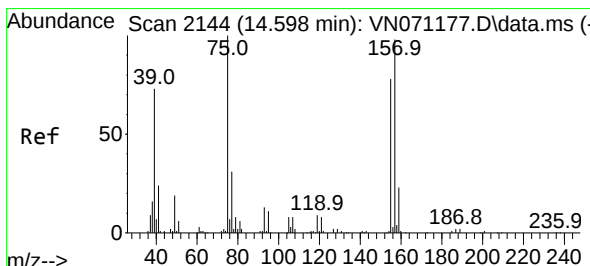
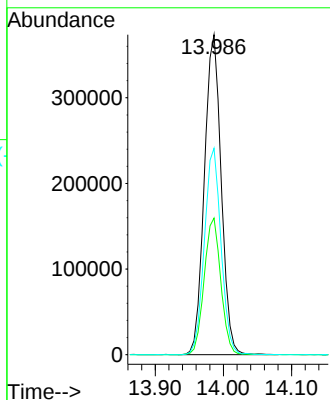
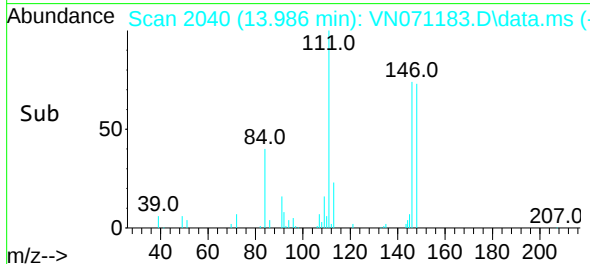
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 642790
Ion Ratio Lower Upper
146 100
111 42.2 19.1 57.3
148 63.8 32.1 96.3

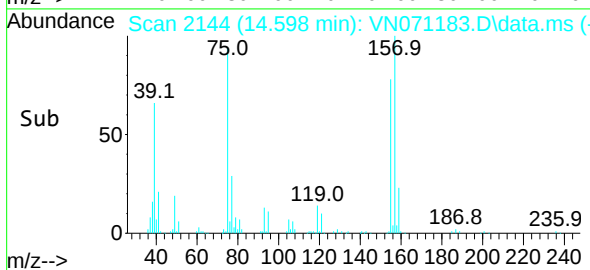
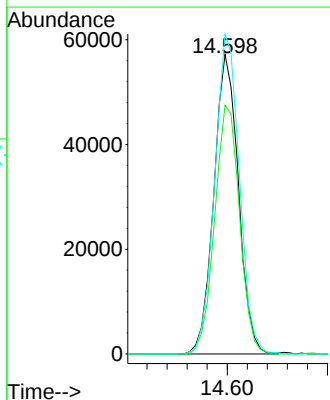
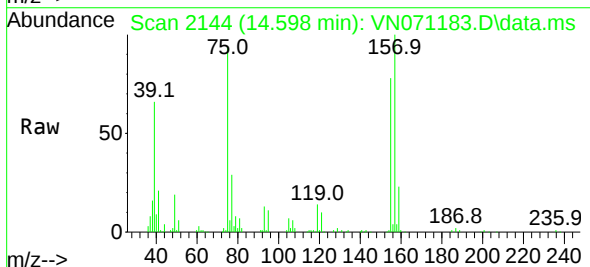
Manual Integrations
APPROVED

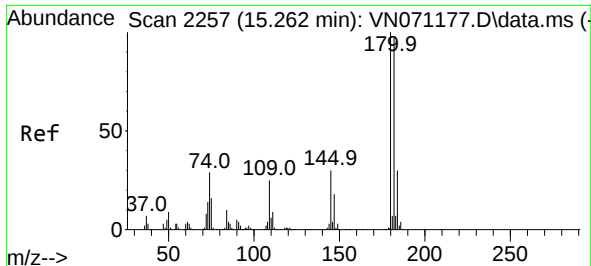
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.217 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

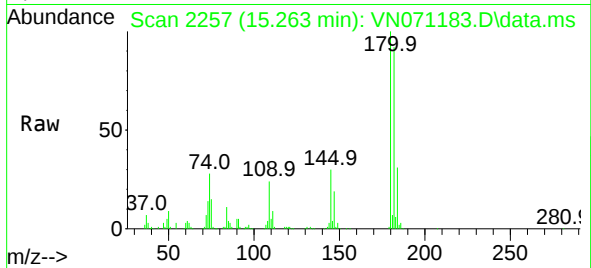
Tgt Ion: 75 Resp: 97189
Ion Ratio Lower Upper
75 100
155 84.1 46.9 140.7
157 107.3 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 49.403 ug/l
RT: 15.263 min Scan# 21
Delta R.T. 0.001 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

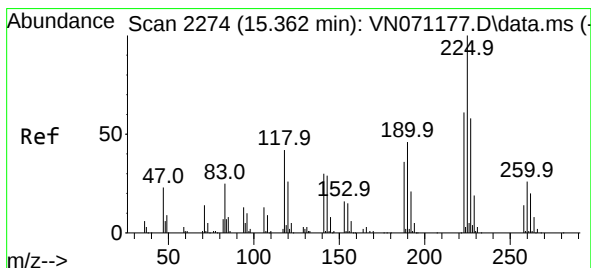
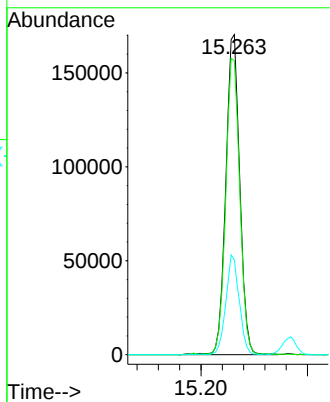
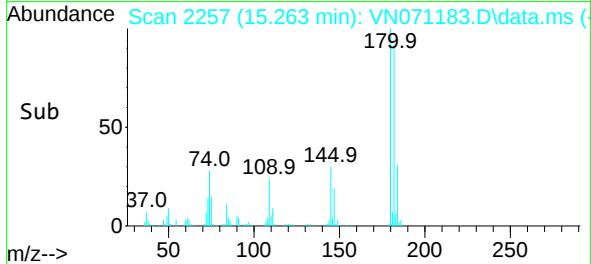
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



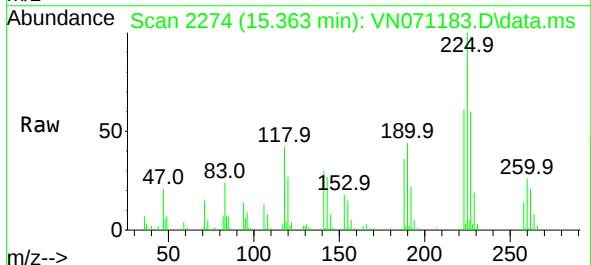
Tgt Ion:180 Resp: 310028
Ion Ratio Lower Upper
180 100
182 92.5 48.3 144.9
145 29.8 14.5 43.5

Manual Integrations
APPROVED

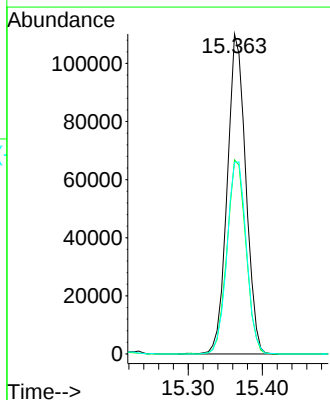
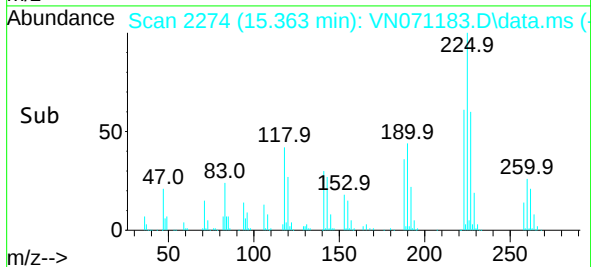
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

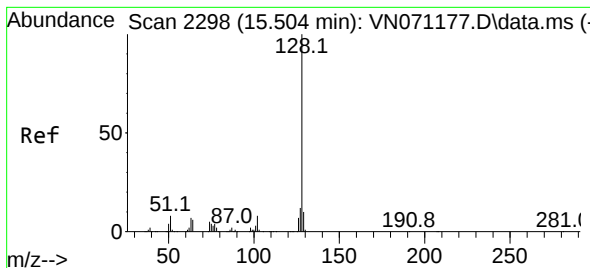


#94
Hexachlorobutadiene
Concen: 50.501 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. 0.001 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37



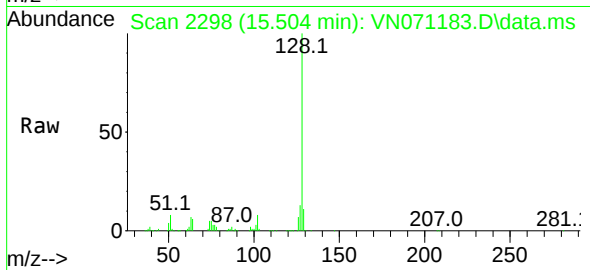
Tgt Ion:225 Resp: 190771
Ion Ratio Lower Upper
225 100
223 62.4 31.9 95.7
227 63.0 32.1 96.3





#95
Naphthalene
Concen: 45.642 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37

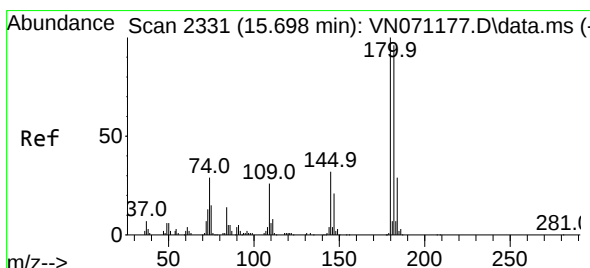
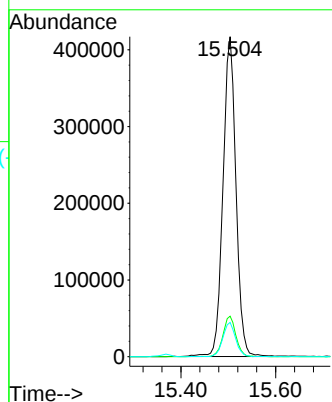
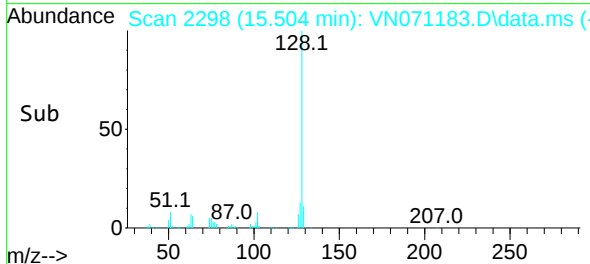
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



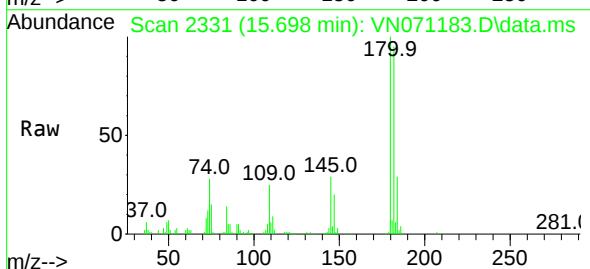
Tgt Ion:128 Resp: 793188
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#96
1,2,3-Trichlorobenzene
Concen: 48.792 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071183.D
Acq: 08 Mar 2022 11:37



Tgt Ion:180 Resp: 293131
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.2
145 31.2 15.0 45.1

