

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030922\
 Data File : VN071206.D
 Acq On : 09 Mar 2022 13:45
 Operator : JC\MD
 Sample : VN0309WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/10/2022
 Supervised By : Mahesh Dadoda 03/14/2022

Quant Time: Mar 10 00:57:03 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	607289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	983025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	877172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	346574	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	411313	49.418	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.840%
35) Dibromofluoromethane	8.016	113	311059	50.145	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.280%
50) Toluene-d8	10.439	98	1222842	48.961	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.920%
62) 4-Bromofluorobenzene	12.727	95	410762	48.568	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.140%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.075	85	120546	18.112	ug/l	95
3) Chloromethane	2.299	50	166273	18.587	ug/l	99
4) Vinyl Chloride	2.446	62	151348	18.555	ug/l	98
5) Bromomethane	2.852	94	89420	21.097	ug/l	97
6) Chloroethane	3.016	64	91551	18.534	ug/l	96
7) Trichlorofluoromethane	3.375	101	199647	18.596	ug/l	95
8) Diethyl Ether	3.822	74	88638	19.294	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.210	101	116344	18.720	ug/l	96
10) Methyl Iodide	4.428	142	161432	18.390	ug/l	99
11) Tert butyl alcohol	5.363	59	145524	89.003	ug/l	99
12) 1,1-Dichloroethene	4.187	96	110721	18.186	ug/l	94
13) Acrolein	4.046	56	108400	62.637	ug/l	98
14) Allyl chloride	4.840	41	239048	18.052	ug/l	87
15) Acrylonitrile	5.551	53	432290	89.041	ug/l	99
16) Acetone	4.281	43	383352	94.660	ug/l	99
17) Carbon Disulfide	4.534	76	300732	17.350	ug/l	98
18) Methyl Acetate	4.851	43	208042	19.418	ug/l	95
19) Methyl tert-butyl Ether	5.616	73	445091	19.471	ug/l	95
20) Methylene Chloride	5.098	84	141021	19.289	ug/l	88
21) trans-1,2-Dichloroethene	5.598	96	123196	18.500	ug/l	90
22) Diisopropyl ether	6.487	45	498116	19.094	ug/l	96
23) Vinyl Acetate	6.434	43	2121123	96.042	ug/l	98
24) 1,1-Dichloroethane	6.387	63	255598	18.542	ug/l	99
25) 2-Butanone	7.328	43	592621	90.841	ug/l	94
26) 2,2-Dichloropropane	7.316	77	204516	19.231	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	148157	18.745	ug/l	91
28) Bromochloromethane	7.657	49	91864	14.965	ug/l	83
29) Tetrahydrofuran	7.681	42	410572	90.845	ug/l	91
30) Chloroform	7.816	83	249000	18.939	ug/l	99
31) Cyclohexane	8.092	56	251242	18.903	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	211920	18.922	ug/l	97
36) 1,1-Dichloropropene	8.216	75	183905	18.504	ug/l	97
37) Ethyl Acetate	7.410	43	247632	18.104	ug/l	97
38) Carbon Tetrachloride	8.204	117	177687	18.483	ug/l	99
39) Methylcyclohexane	9.457	83	226294	19.354	ug/l	93
40) Benzene	8.457	78	566570	18.920	ug/l	99

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 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)
41) Methacrylonitrile	7.634	41	126815	18.945	ug/l #	85
42) 1,2-Dichloroethane	8.528	62	208815	20.039	ug/l	99
43) Isopropyl Acetate	8.557	43	364412	17.815	ug/l	97
44) Trichloroethene	9.210	130	136780	19.359	ug/l	93
45) 1,2-Dichloropropane	9.486	63	153571	19.104	ug/l	97
46) Dibromomethane	9.569	93	93592	18.916	ug/l	98
47) Bromodichloromethane	9.757	83	192171	19.219	ug/l	99
48) Methyl methacrylate	9.557	41	173882	18.344	ug/l #	84
49) 1,4-Dioxane	9.563	88	61681	374.350	ug/l #	85
51) 4-Methyl-2-Pentanone	10.327	43	1179239	92.894	ug/l	100
52) Toluene	10.504	92	351592	19.067	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	205975	18.688	ug/l	96
54) cis-1,3-Dichloropropene	10.186	75	230942	19.176	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	141199	19.109	ug/l	98
56) Ethyl methacrylate	10.757	69	227013	18.813	ug/l	92
57) 1,3-Dichloropropane	11.039	76	250247	18.868	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	175212	89.275	ug/l	94
59) 2-Hexanone	11.080	43	808871	93.387	ug/l	100
60) Dibromochloromethane	11.233	129	140507	19.138	ug/l	99
61) 1,2-Dibromoethane	11.339	107	141223	18.701	ug/l	97
64) Tetrachloroethene	10.975	164	122007	19.943	ug/l	99
65) Chlorobenzene	11.763	112	365591	19.407	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	135034	19.549	ug/l	99
67) Ethyl Benzene	11.839	91	655324	19.675	ug/l	98
68) m/p-Xylenes	11.951	106	490643	40.267	ug/l	96
69) o-Xylene	12.274	106	248424	20.339	ug/l	98
70) Styrene	12.292	104	379093	20.051	ug/l	98
71) Bromoform	12.451	173	101376	19.326	ug/l #	100
73) Isopropylbenzene	12.574	105	627825	18.792	ug/l	99
74) N-amyl acetate	12.386	43	229602	18.278	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	216095	20.241	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	184336m	20.267	ug/l	
77) Bromobenzene	12.857	156	147800	18.972	ug/l	85
78) n-propylbenzene	12.916	91	692896	19.327	ug/l	98
79) 2-Chlorotoluene	13.004	91	432068	18.775	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	511624	19.684	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	54504	17.000	ug/l	96
82) 4-Chlorotoluene	13.098	91	410415	20.022	ug/l	93
83) tert-Butylbenzene	13.321	119	455597	19.641	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	490948	19.719	ug/l	99
85) sec-Butylbenzene	13.498	105	602239	19.533	ug/l	98
86) p-Isopropyltoluene	13.610	119	479764	19.786	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	240281	18.982	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	233136	18.841	ug/l	96
89) n-Butylbenzene	13.939	91	347540	18.326	ug/l	97
90) Hexachloroethane	14.204	117	87860	18.221	ug/l	88
91) 1,2-Dichlorobenzene	13.986	146	234109	19.237	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	33845	17.411	ug/l	88
93) 1,2,4-Trichlorobenzene	15.262	180	105346	20.428	ug/l	95
94) Hexachlorobutadiene	15.368	225	68843	20.151	ug/l	99
95) Naphthalene	15.504	128	229662	18.058	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	94709	19.187	ug/l	99

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ALS Vial : 6 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :
VN0309WBS02

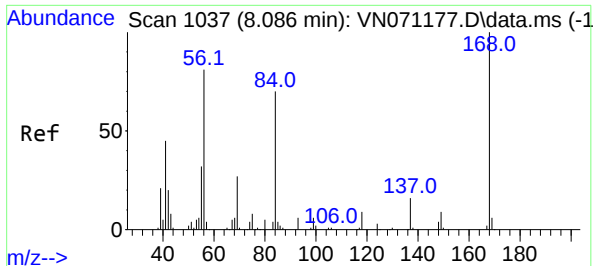
Manual Integrations
APPROVED

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Quant Time: Mar 10 00:57:03 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



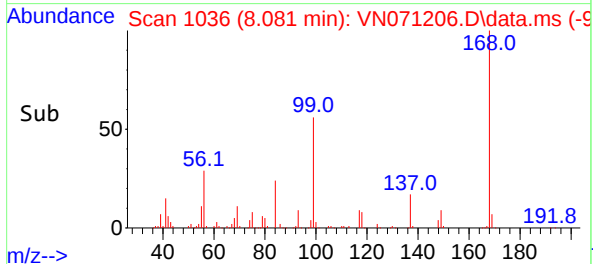
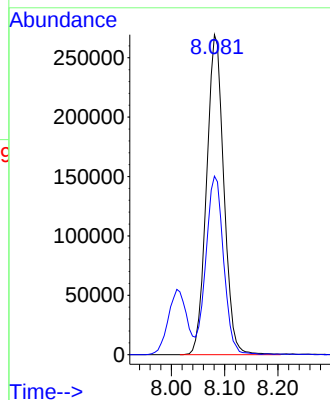
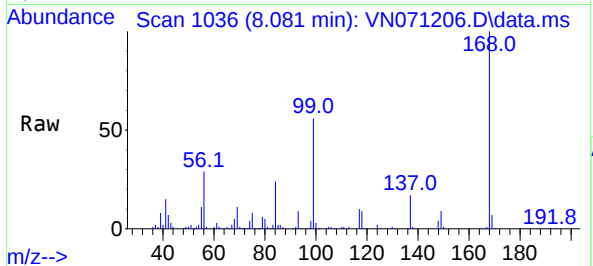
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02

Tgt Ion:168 Resp: 607289
Ion Ratio Lower Upper
168 100
99 55.6 41.3 61.9

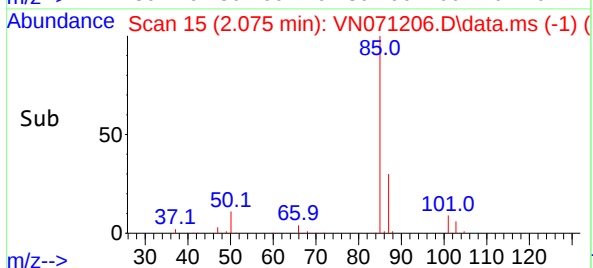
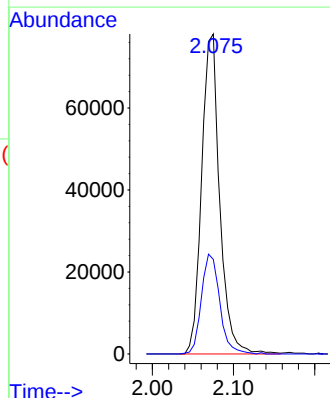
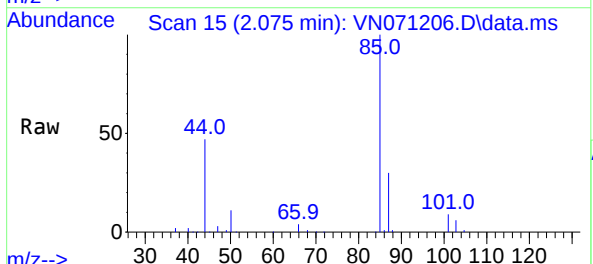
Manual Integrations
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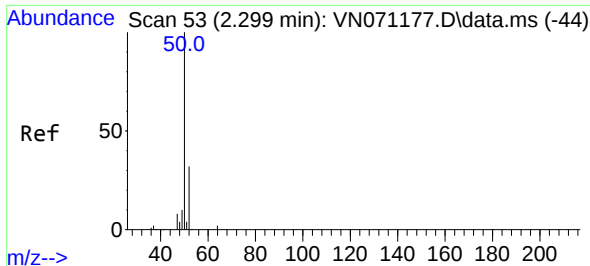
Reviewed By :John Carlone 03/10/2022
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#2
Dichlorodifluoromethane
Concen: 18.112 ug/l
RT: 2.075 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

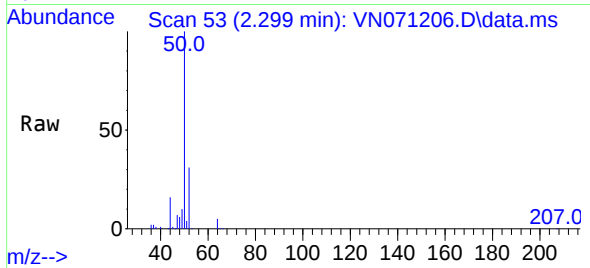
Tgt Ion: 85 Resp: 120546
Ion Ratio Lower Upper
85 100
87 29.5 16.3 48.9





#3
Chloromethane
Concen: 18.587 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

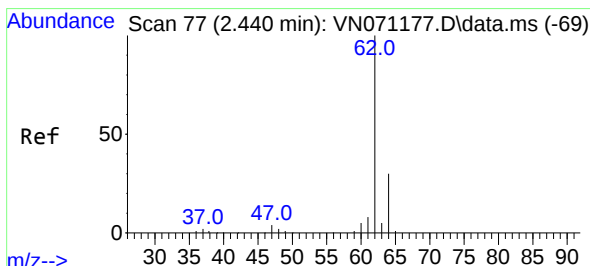
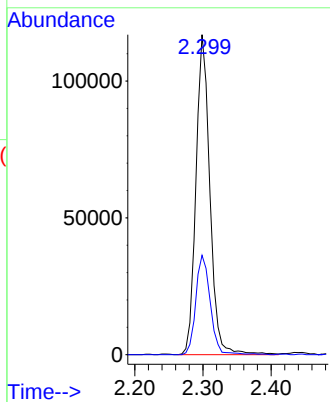
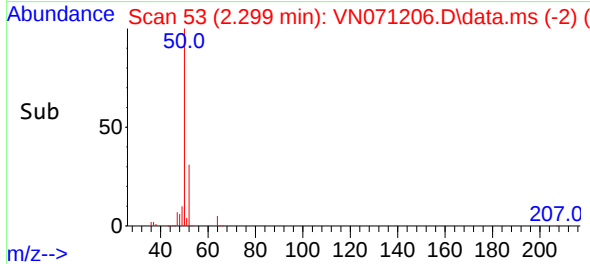
Instrument :
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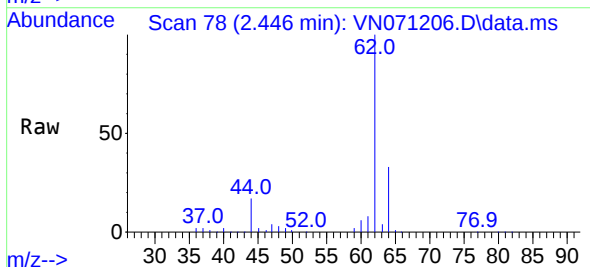
Tgt Ion: 50 Resp: 16627
Ion Ratio Lower Upper
50 100
52 31.0 25.4 38.0

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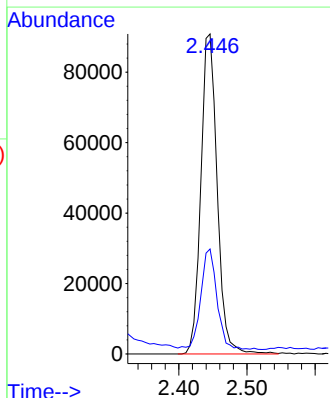
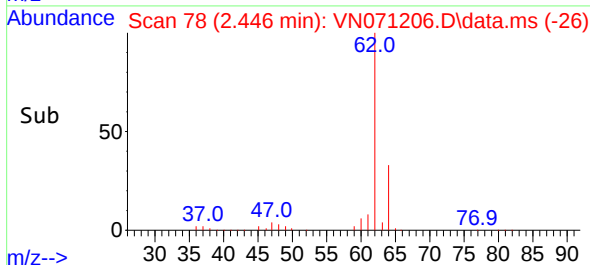
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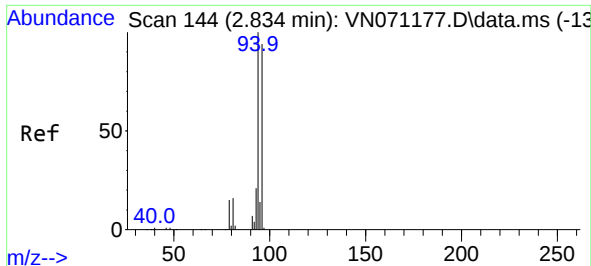


#4
Vinyl Chloride
Concen: 18.555 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.006 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45



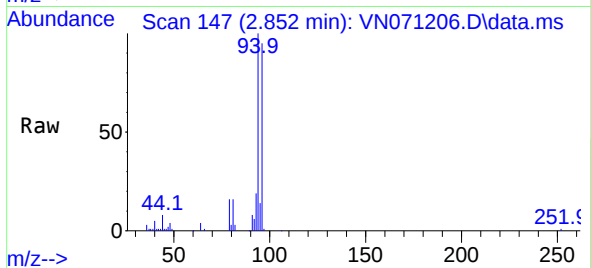
Tgt Ion: 62 Resp: 151348
Ion Ratio Lower Upper
62 100
64 31.0 25.8 38.6





#5
Bromomethane
Concen: 21.097 ug/l
RT: 2.852 min Scan# 144
Delta R.T. 0.018 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

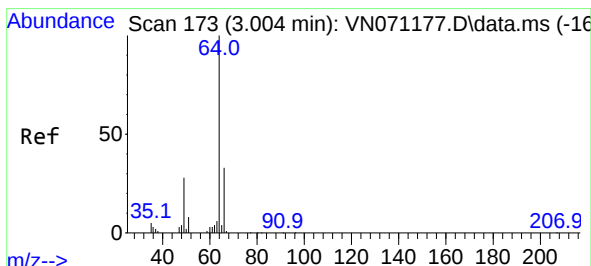
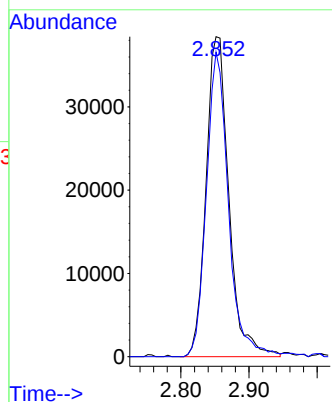
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



Tgt Ion: 94 Resp: 89420
Ion Ratio Lower Upper
94 100
96 95.2 73.8 110.8

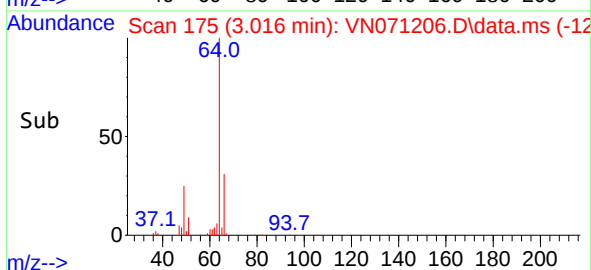
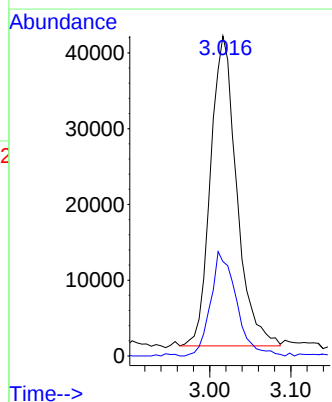
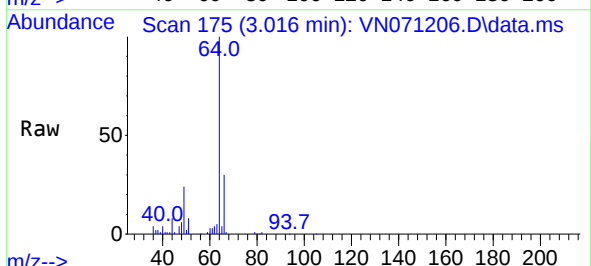
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#6
Chloroethane
Concen: 18.534 ug/l
RT: 3.016 min Scan# 175
Delta R.T. 0.012 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

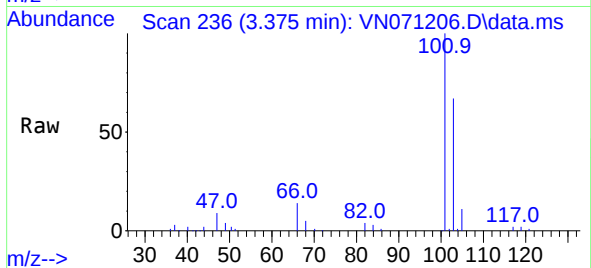
Tgt Ion: 64 Resp: 91551
Ion Ratio Lower Upper
64 100
66 30.5 26.3 39.5





#7
Trichlorofluoromethane
Concen: 18.596 ug/l
RT: 3.375 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

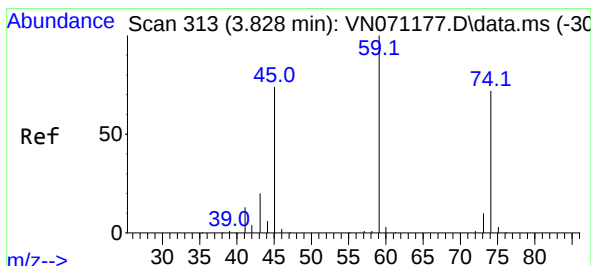
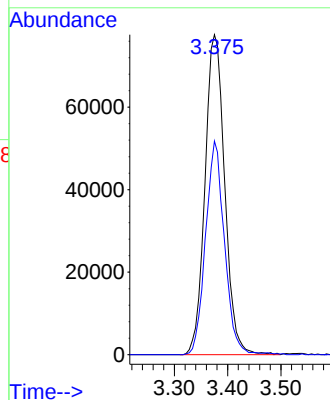
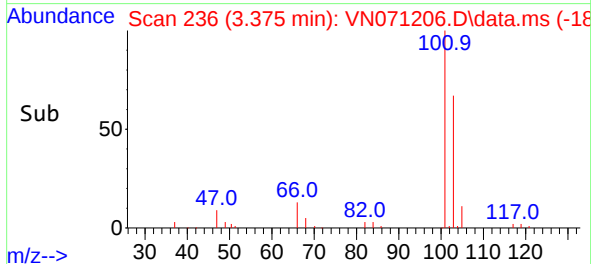
Instrument :
MSVOA_N
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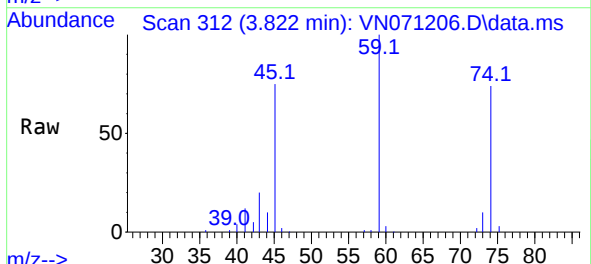
Tgt Ion:101 Resp: 19964
Ion Ratio Lower Upper
101 100
103 66.7 50.1 75.1

Manual Integrations
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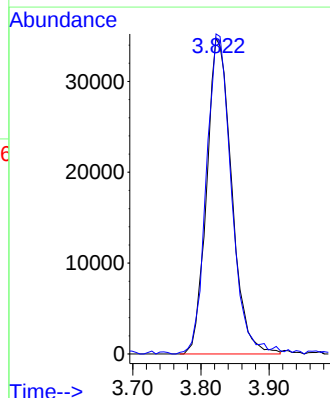
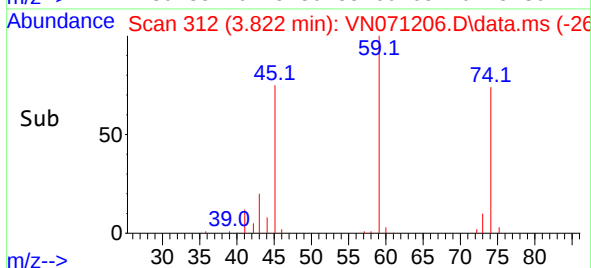
Reviewed By :John Carlone 03/10/2022
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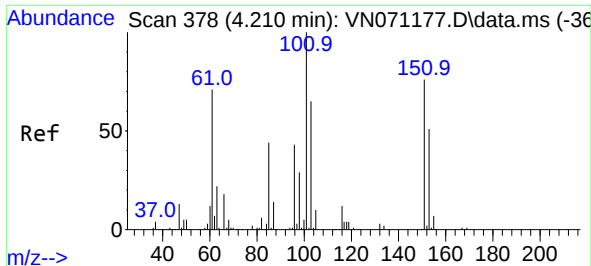


#8
Diethyl Ether
Concen: 19.294 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45



Tgt Ion: 74 Resp: 88638
Ion Ratio Lower Upper
74 100
45 100.8 47.0 141.2





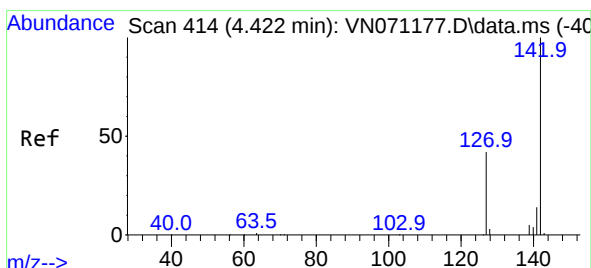
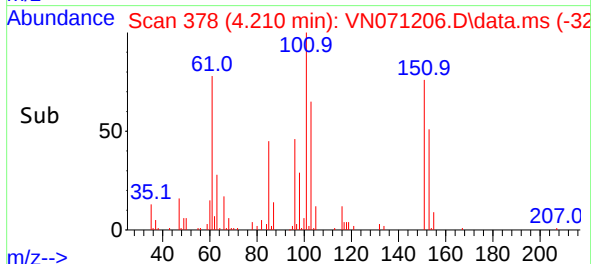
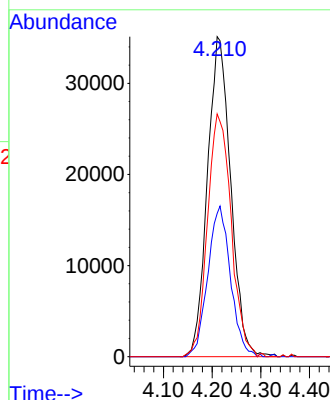
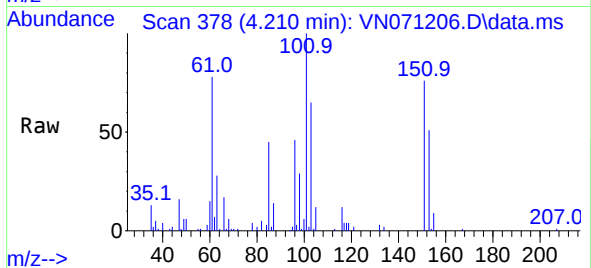
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.720 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02

Tgt Ion:101 Resp: 116344
Ion Ratio Lower Upper
101 100
85 45.9 37.2 55.8
151 77.5 65.9 98.9

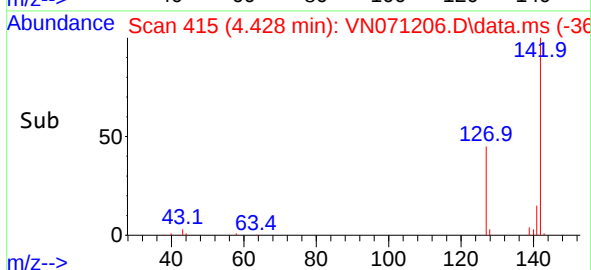
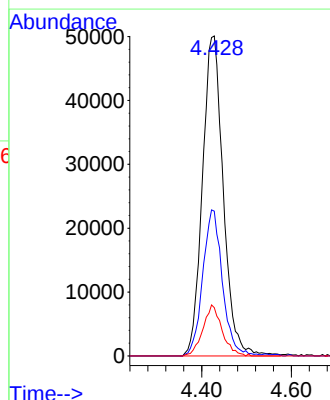
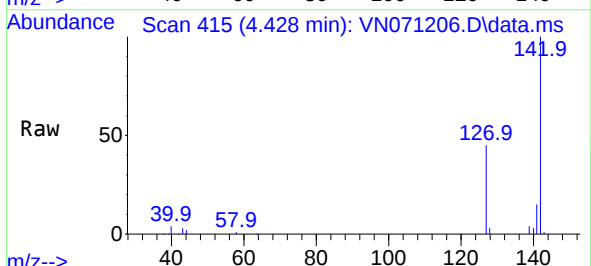
Manual Integrations
APPROVED

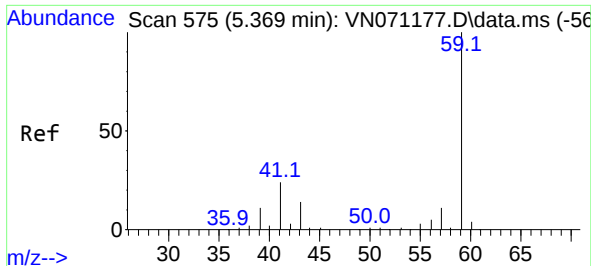
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#10
Methyl Iodide
Concen: 18.390 ug/l
RT: 4.428 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

Tgt Ion:142 Resp: 161432
Ion Ratio Lower Upper
142 100
127 43.3 35.4 53.0
141 14.6 11.6 17.4





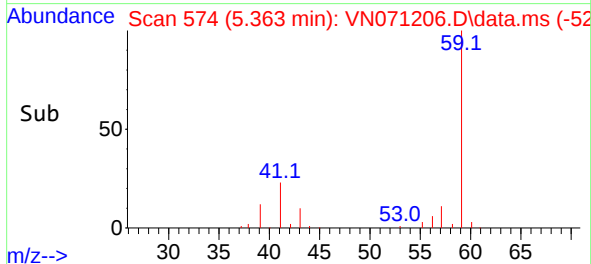
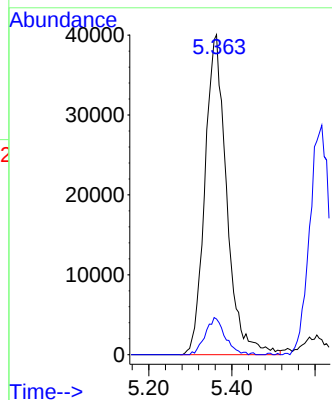
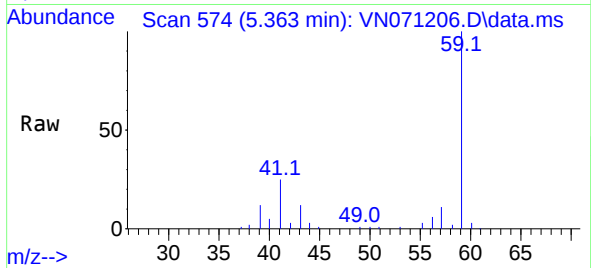
#11
Tert butyl alcohol
Concen: 89.003 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02

Tgt Ion: 59 Resp: 145524
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

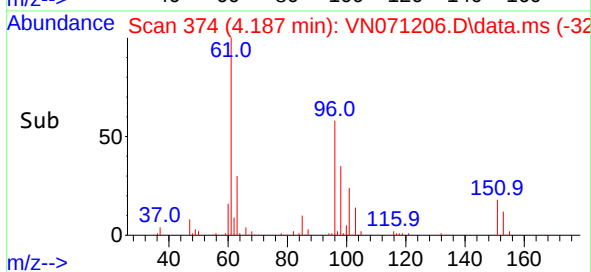
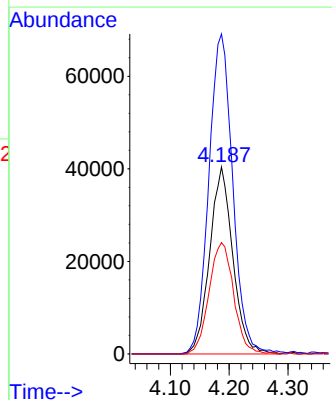
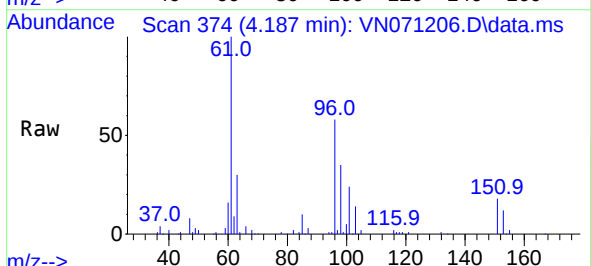
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#12
1,1-Dichloroethene
Concen: 18.186 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.006 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

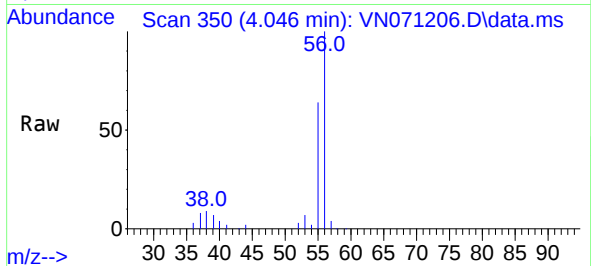
Tgt Ion: 96 Resp: 110721
Ion Ratio Lower Upper
96 100
61 171.1 131.0 196.6
98 59.6 52.4 78.6





#13
Acrolein
Concen: 62.637 ug/l
RT: 4.046 min Scan# 349
Delta R.T. 0.006 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

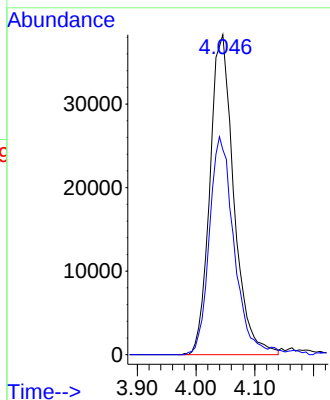
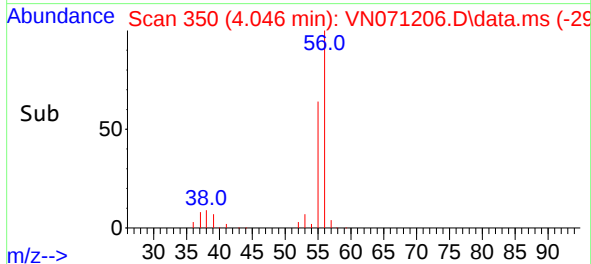
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



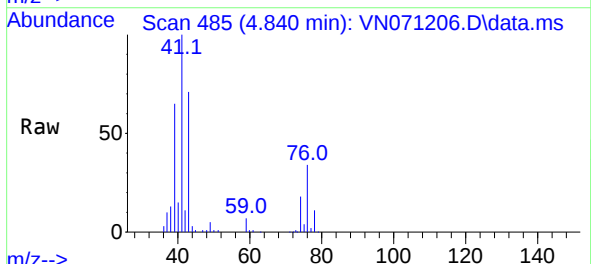
Tgt Ion: 56 Resp: 108400
Ion Ratio Lower Upper
56 100
55 69.5 56.6 85.0

Manual Integrations
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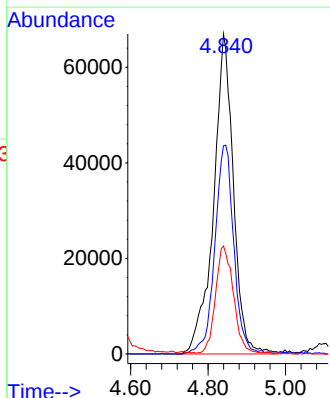
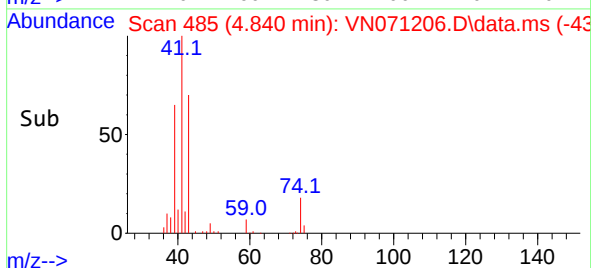
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

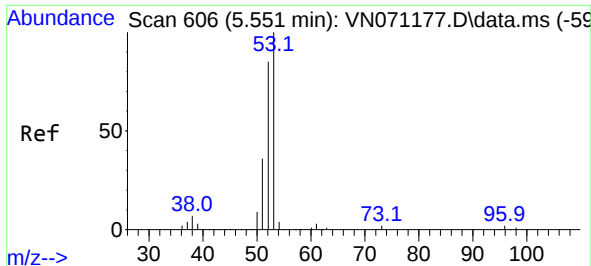


#14
Allyl chloride
Concen: 18.052 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45



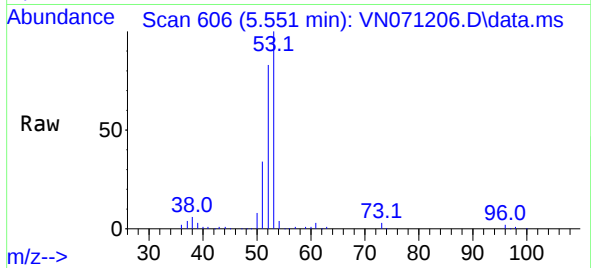
Tgt Ion: 41 Resp: 239048
Ion Ratio Lower Upper
41 100
39 62.3 61.2 91.8
76 29.8 26.0 39.0





#15
Acrylonitrile
Concen: 89.041 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

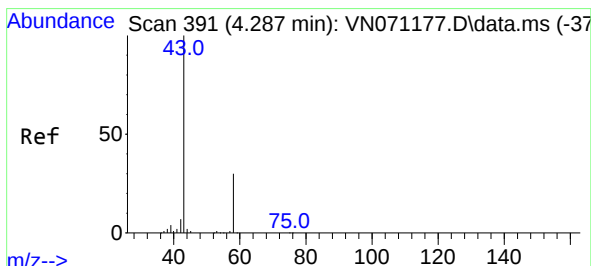
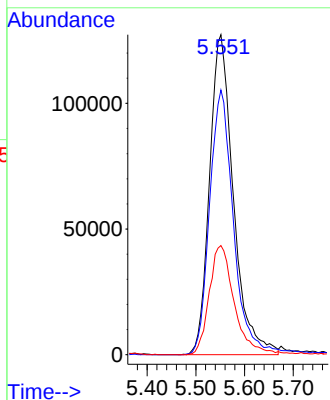
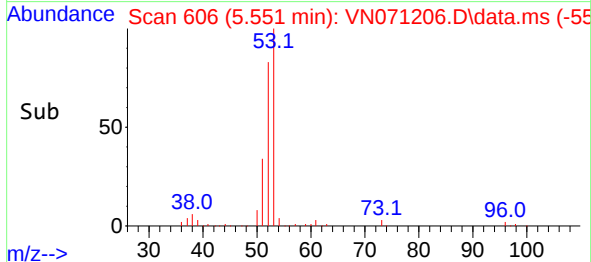
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



Tgt Ion: 53 Resp: 432290
Ion Ratio Lower Upper
53 100
52 84.0 66.2 99.2
51 36.1 29.6 44.4

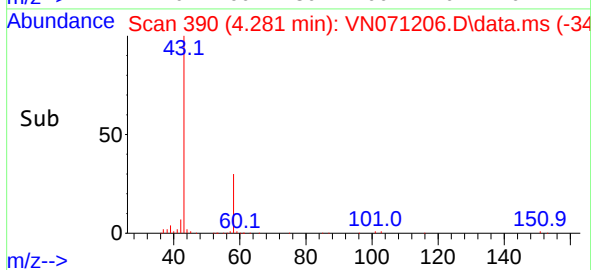
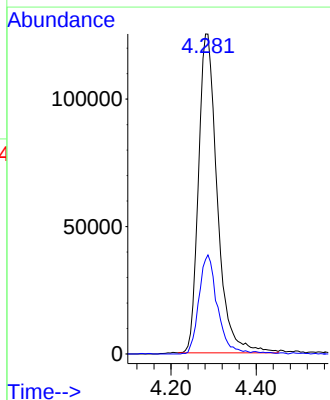
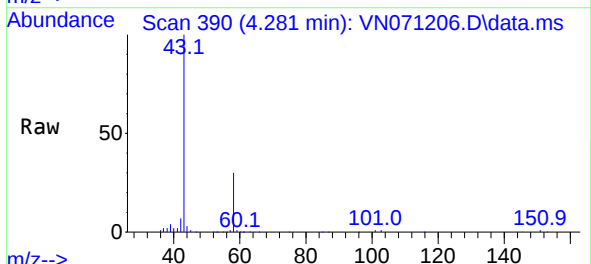
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#16
Acetone
Concen: 94.660 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

Tgt Ion: 43 Resp: 383352
Ion Ratio Lower Upper
43 100
58 29.6 23.1 34.7





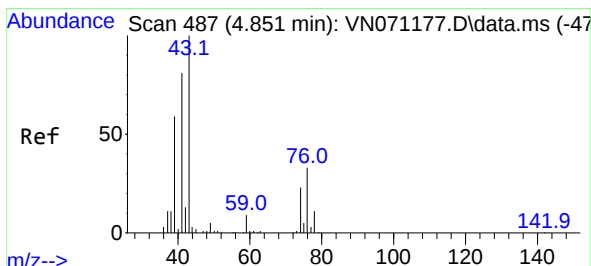
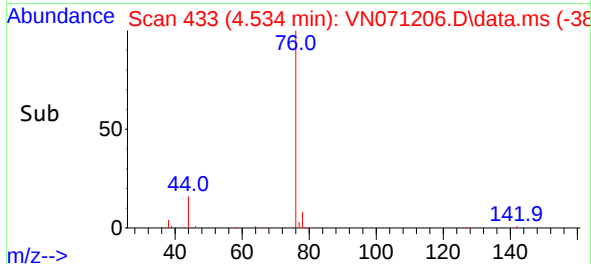
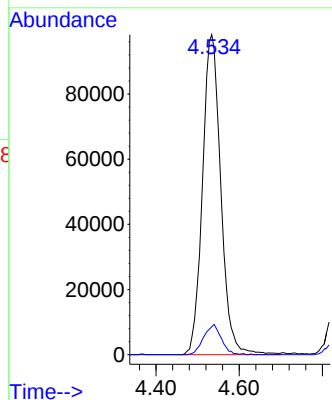
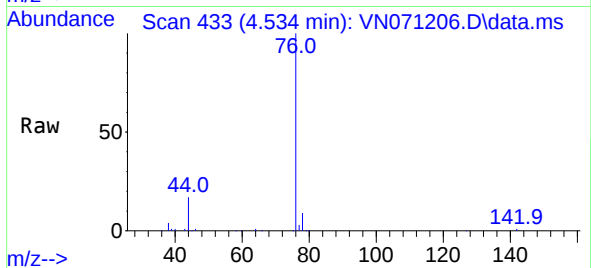
#17
Carbon Disulfide
Concen: 17.350 ug/l
RT: 4.534 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02

Tgt Ion: 76 Resp: 300732
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

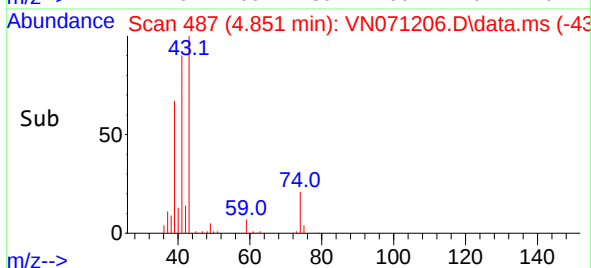
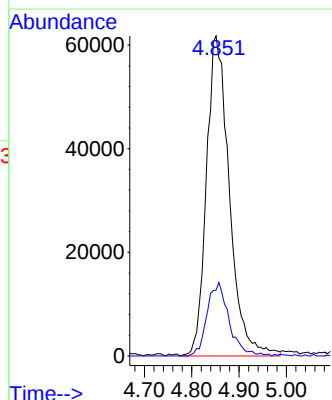
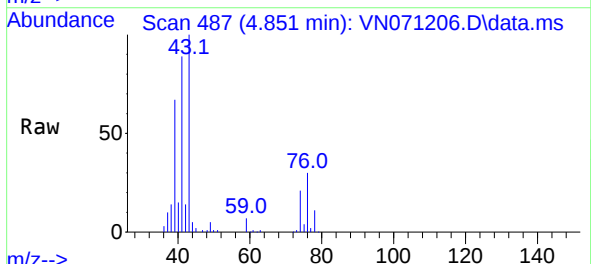
Manual Integrations
APPROVED

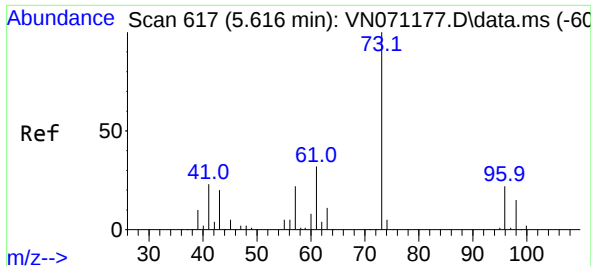
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#18
Methyl Acetate
Concen: 19.418 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

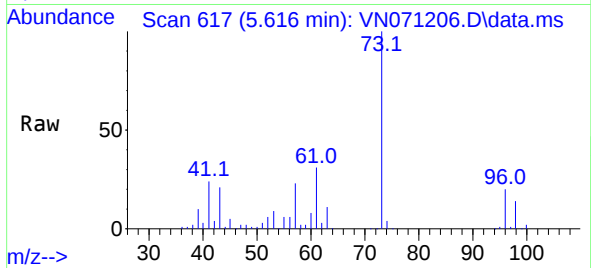
Tgt Ion: 43 Resp: 208042
Ion Ratio Lower Upper
43 100
74 21.9 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 19.471 ug/l
RT: 5.616 min Scan# 617
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

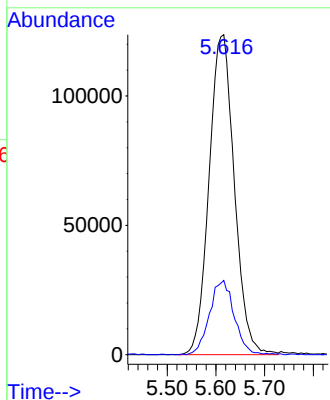
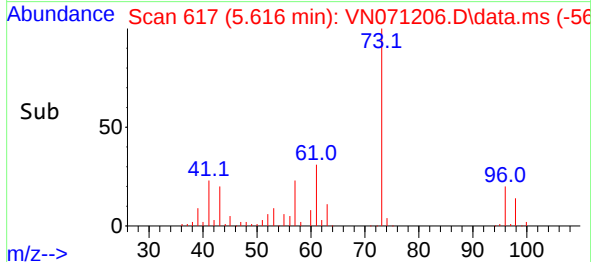
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



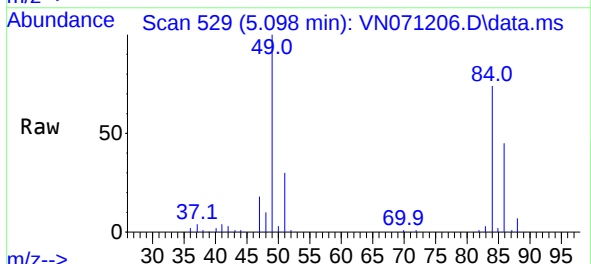
Tgt Ion: 73 Resp: 44509
Ion Ratio Lower Upper
73 100
57 23.2 16.8 25.2

Manual Integrations
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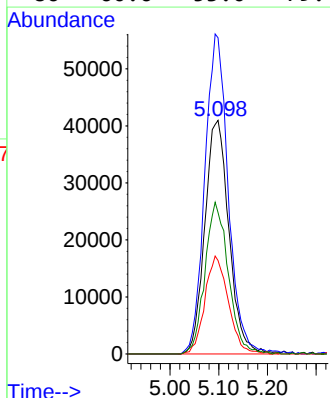
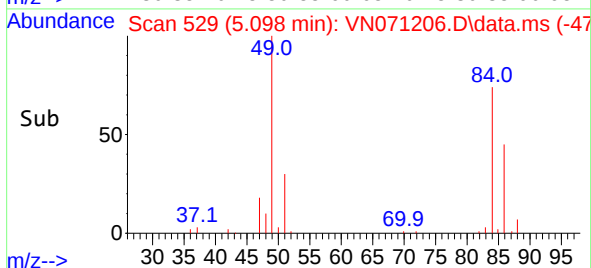
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

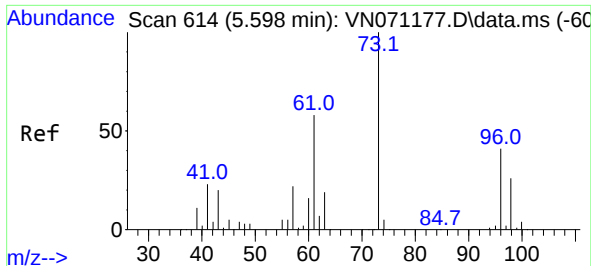


#20
Methylene Chloride
Concen: 19.289 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45



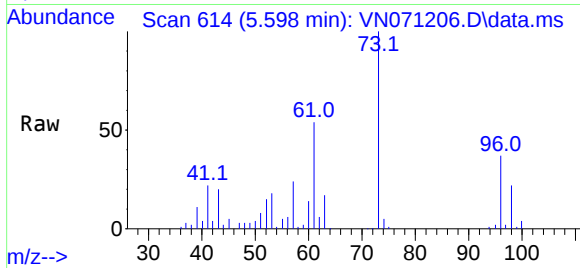
Tgt Ion: 84 Resp: 141021
Ion Ratio Lower Upper
84 100
49 135.3 93.5 140.3
51 40.0 29.4 44.2
86 60.6 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 18.500 ug/l
RT: 5.598 min Scan# 614
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

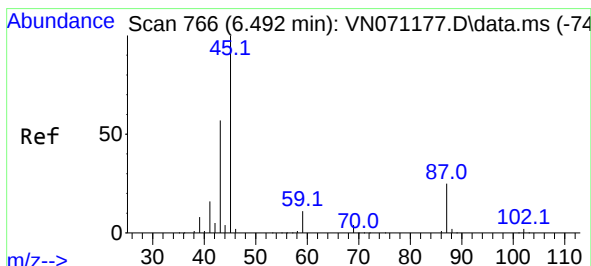
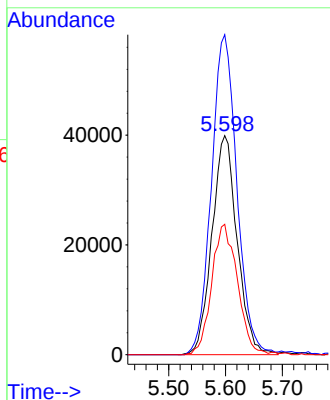
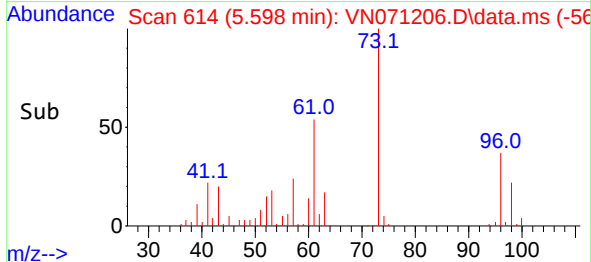
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



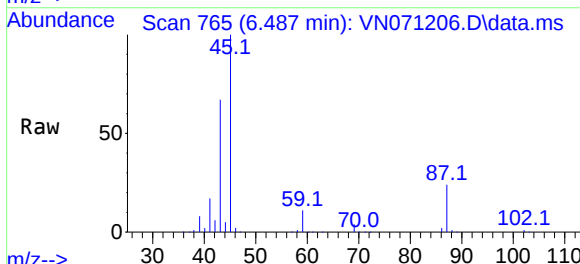
Tgt Ion: 96 Resp: 123190
Ion Ratio Lower Upper
96 100
61 146.1 105.8 158.6
98 59.6 52.0 78.0

Manual Integrations
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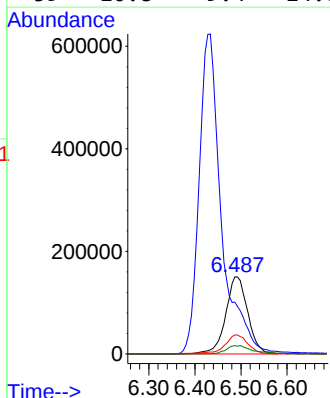
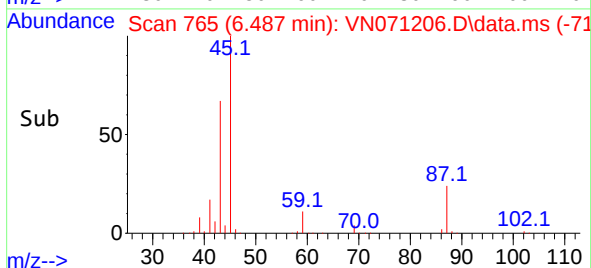
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#22
Diisopropyl ether
Concen: 19.094 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45



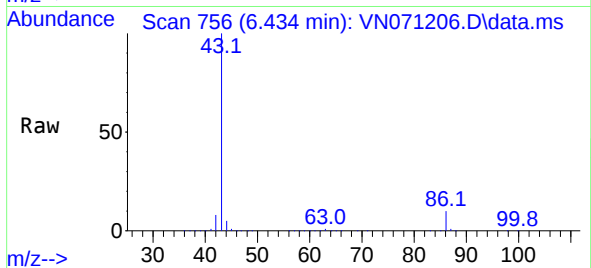
Tgt Ion: 45 Resp: 498116
Ion Ratio Lower Upper
45 100
43 66.6 51.7 77.5
87 24.3 23.2 34.8
59 10.8 9.4 14.0





#23
 Vinyl Acetate
 Concen: 96.042 ug/l
 RT: 6.434 min Scan# 756
 Delta R.T. 0.000 min
 Lab File: VN071206.D
 Acq: 09 Mar 2022 13:45

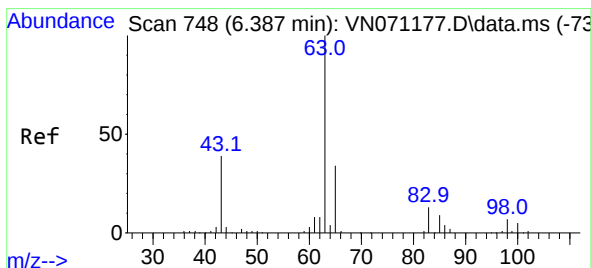
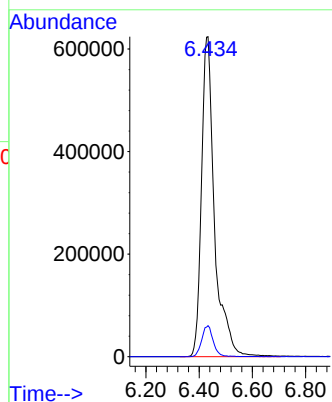
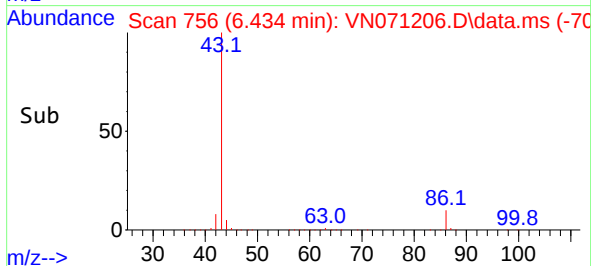
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBS02



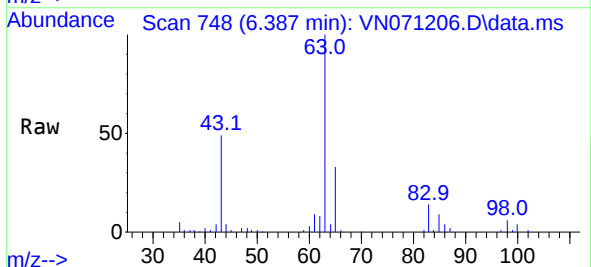
Tgt Ion: 43 Resp: 212112
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.5 12.7

Manual Integrations
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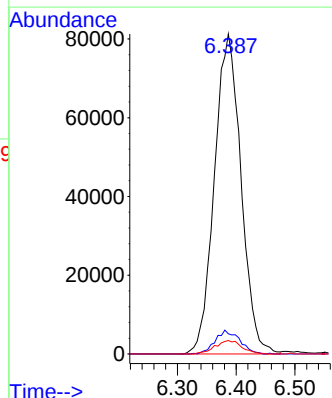
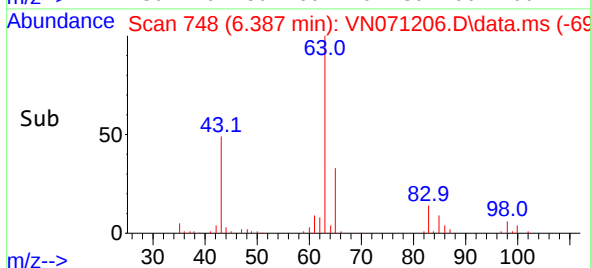
Reviewed By :John Carlone 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022

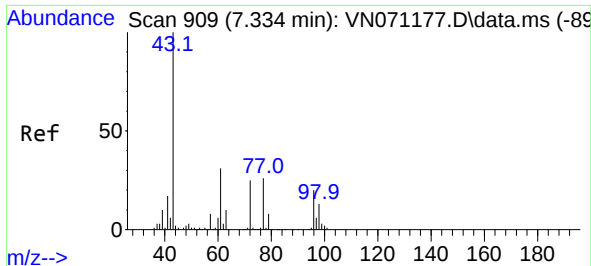


#24
 1,1-Dichloroethane
 Concen: 18.542 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. 0.000 min
 Lab File: VN071206.D
 Acq: 09 Mar 2022 13:45



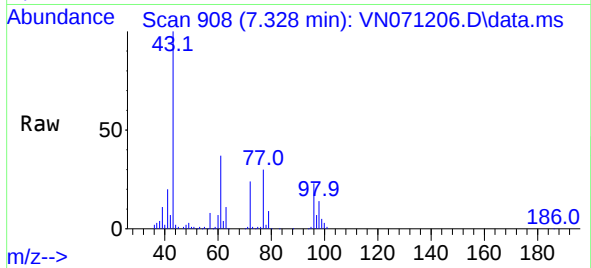
Tgt Ion: 63 Resp: 255598
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.9
 100 4.2 2.1 6.5





#25
2-Butanone
Concen: 90.841 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

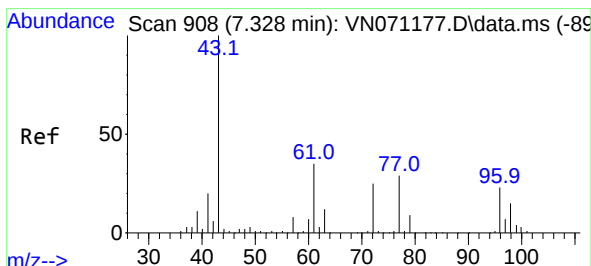
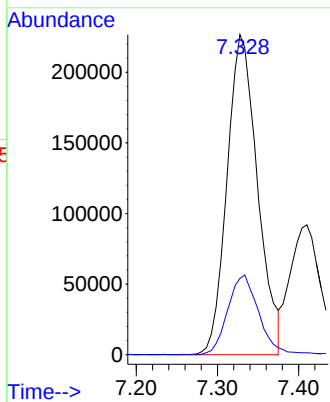
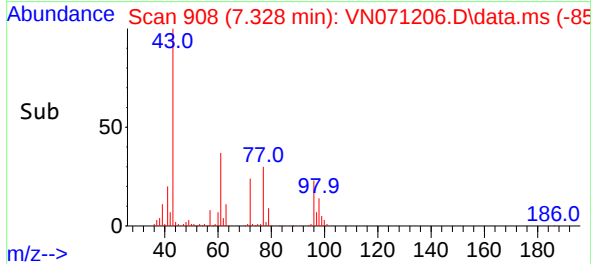
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



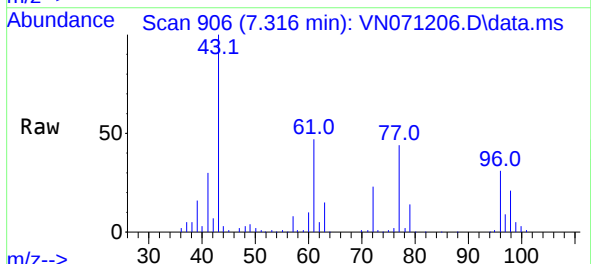
Tgt Ion: 43 Resp: 59262
Ion Ratio Lower Upper
43 100
72 23.9 21.7 32.5

Manual Integrations
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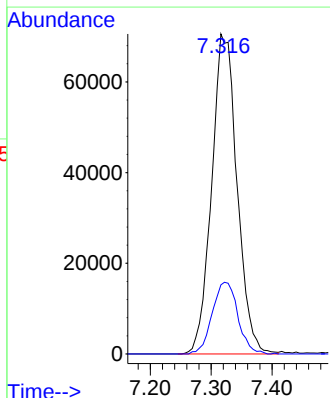
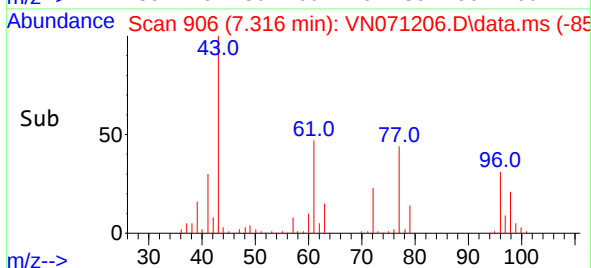
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#26
2,2-Dichloropropane
Concen: 19.231 ug/l
RT: 7.316 min Scan# 906
Delta R.T. -0.012 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45



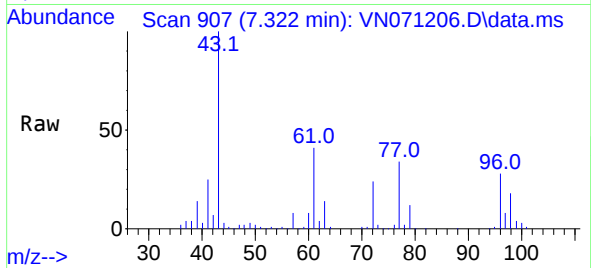
Tgt Ion: 77 Resp: 204516
Ion Ratio Lower Upper
77 100
97 22.6 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 18.745 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.006 min
 Lab File: VN071206.D
 Acq: 09 Mar 2022 13:45

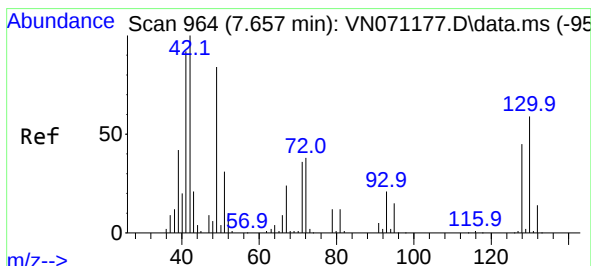
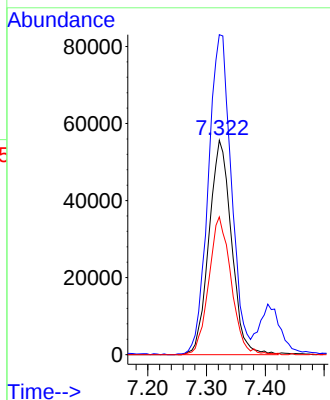
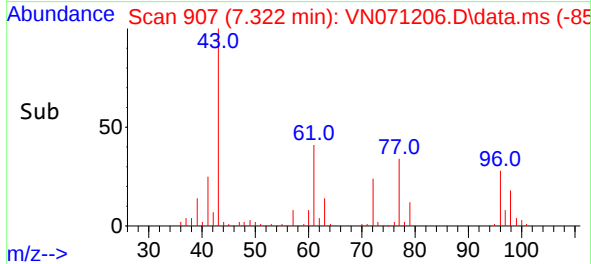
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBS02



Tgt Ion: 96 Resp: 14815
 Ion Ratio Lower Upper
 96 100
 61 153.1 0.0 275.0
 98 63.9 0.0 129.6

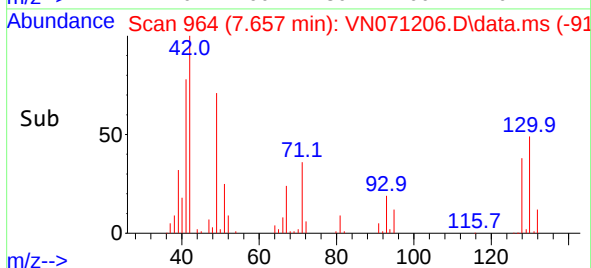
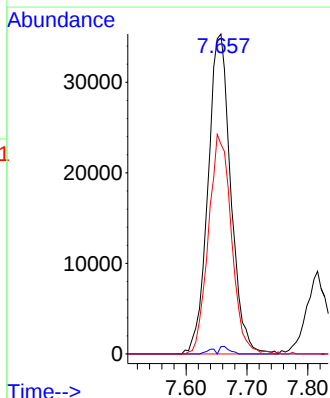
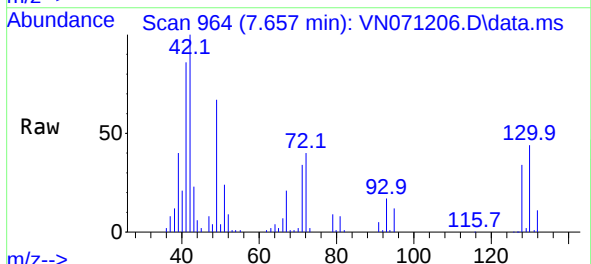
Manual Integrations
 APPROVED

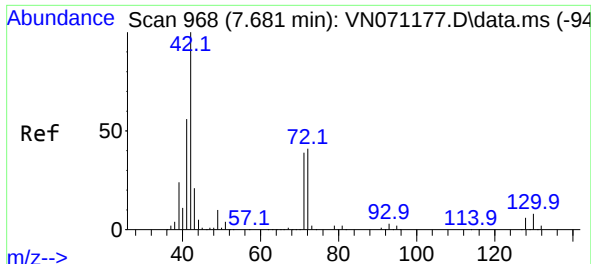
Reviewed By :John Carlone 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#28
 Bromochloromethane
 Concen: 14.965 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. 0.000 min
 Lab File: VN071206.D
 Acq: 09 Mar 2022 13:45

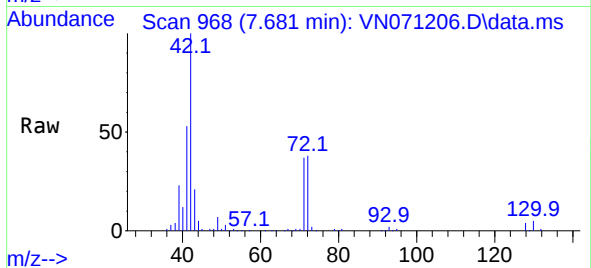
Tgt Ion: 49 Resp: 91864
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.0
 130 69.2 67.8 101.8





#29
Tetrahydrofuran
Concen: 90.845 ug/l
RT: 7.681 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

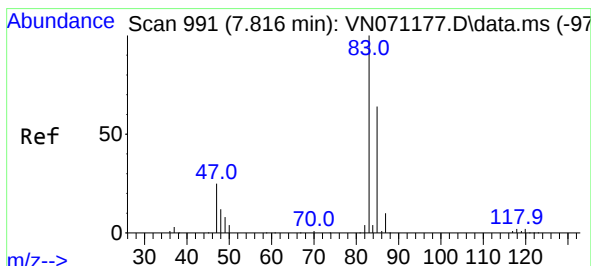
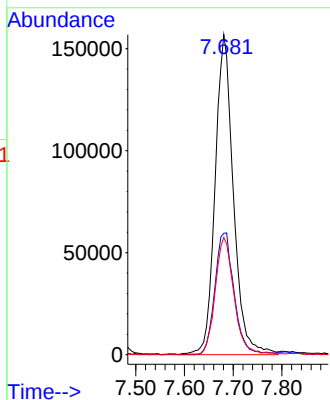
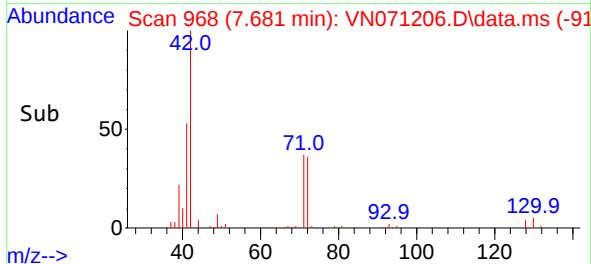
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



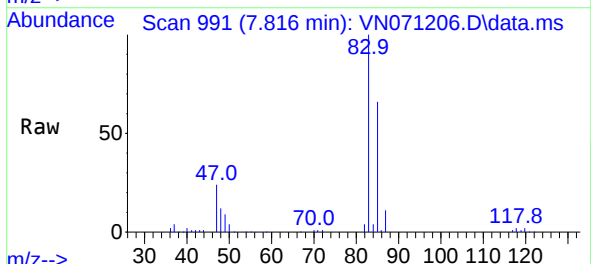
Tgt Ion: 42 Resp: 410572
Ion Ratio Lower Upper
42 100
72 39.9 36.3 54.5
71 37.6 34.7 52.1

Manual Integrations
APPROVED

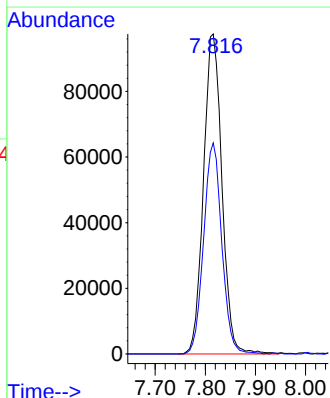
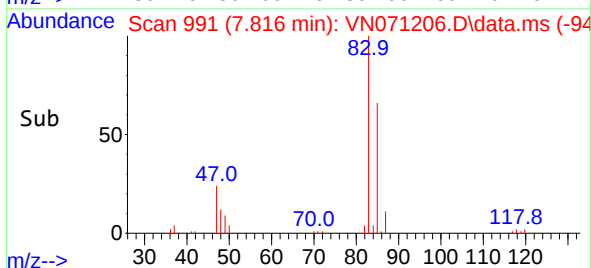
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

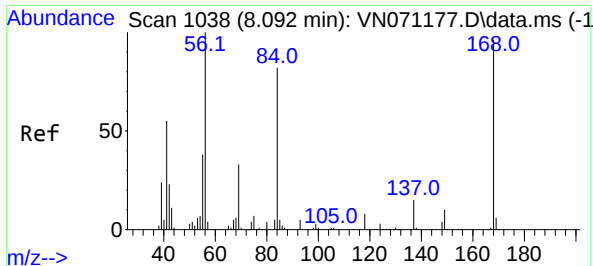


#30
Chloroform
Concen: 18.939 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45



Tgt Ion: 83 Resp: 249000
Ion Ratio Lower Upper
83 100
85 66.0 51.9 77.9





#31

Cyclohexane

Concen: 18.903 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN071206.D

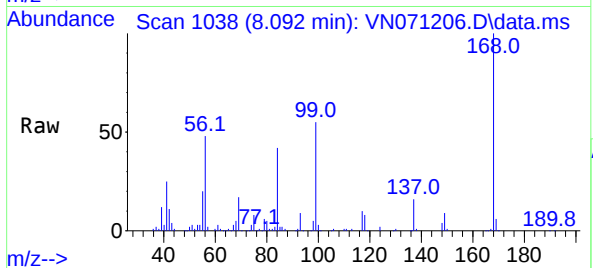
Acq: 09 Mar 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0309WBS02



Tgt Ion: 56 Resp: 25124

Ion Ratio Lower Upper

56 100

69 34.3 27.1 40.7

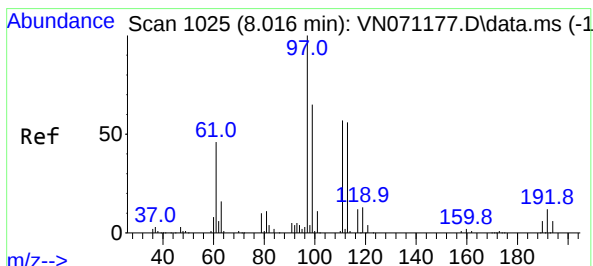
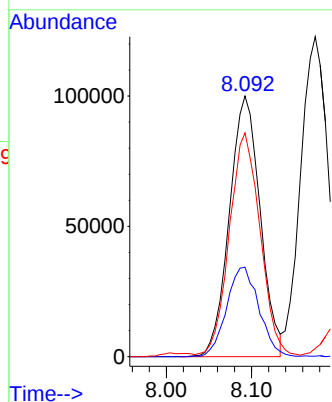
84 84.7 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#32

1,1,1-Trichloroethane

Concen: 18.922 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.006 min

Lab File: VN071206.D

Acq: 09 Mar 2022 13:45

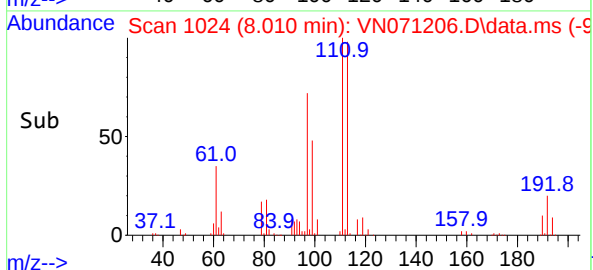
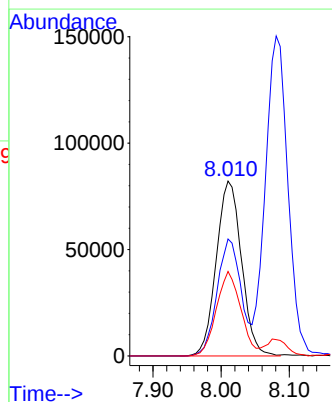
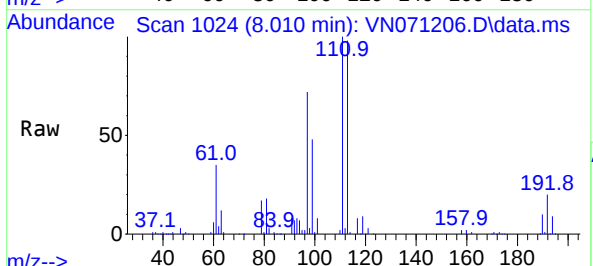
Tgt Ion: 97 Resp: 211920

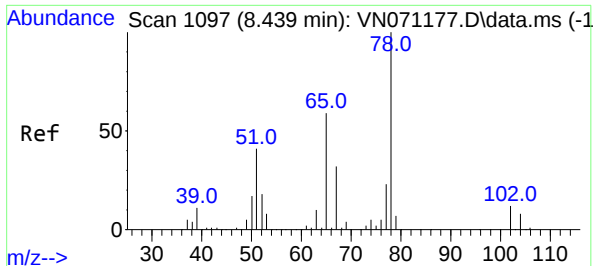
Ion Ratio Lower Upper

97 100

99 64.6 50.1 75.1

61 46.5 35.2 52.8





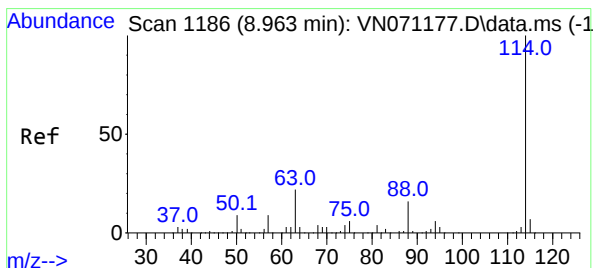
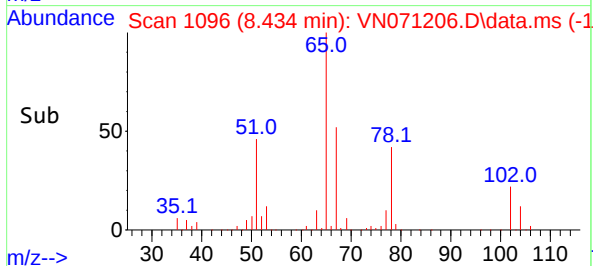
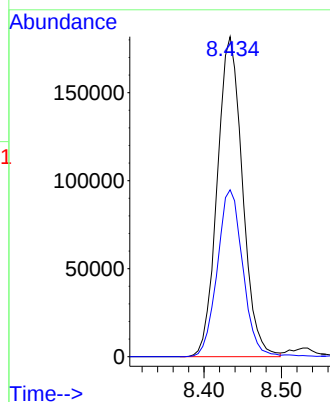
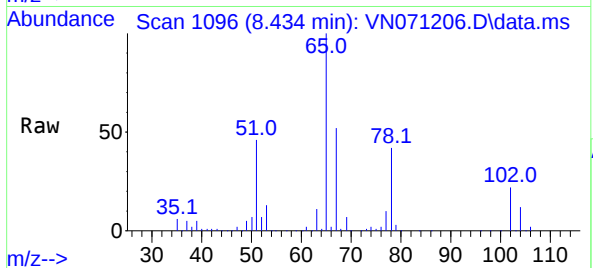
#33
1,2-Dichloroethane-d4
Concen: 49.418 ug/l
RT: 8.434 min Scan# 1097
Delta R.T. -0.006 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02

Tgt Ion: 65 Resp: 41131
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.0

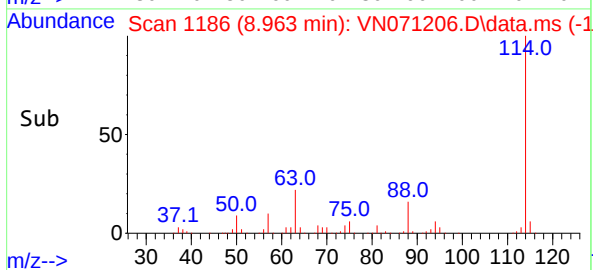
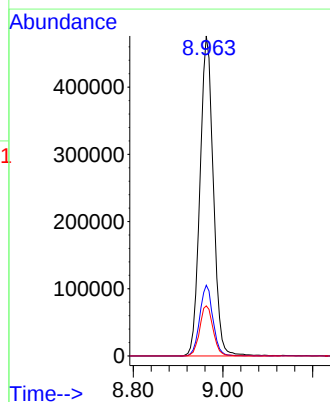
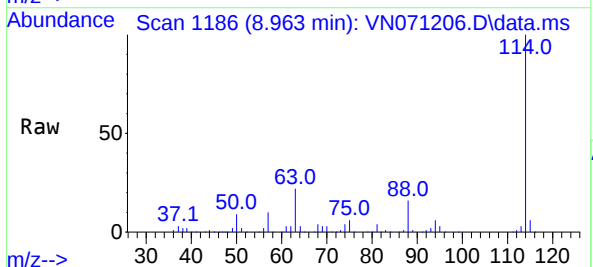
Manual Integrations
APPROVED

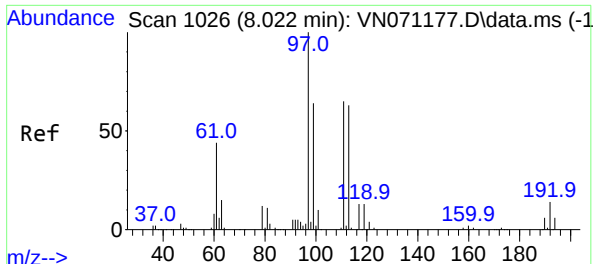
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

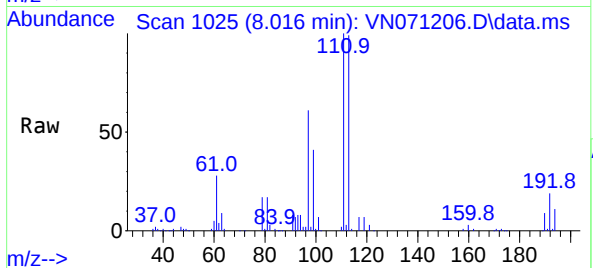
Tgt Ion:114 Resp: 983025
Ion Ratio Lower Upper
114 100
63 22.1 0.0 37.8
88 15.7 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.145 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

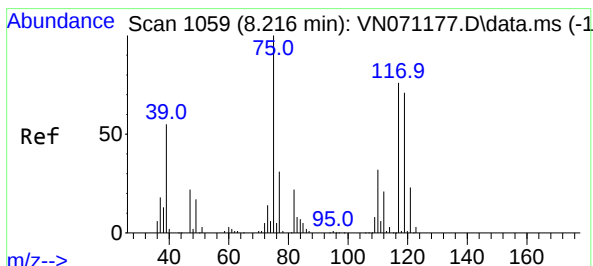
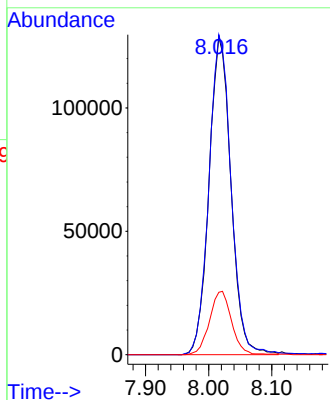
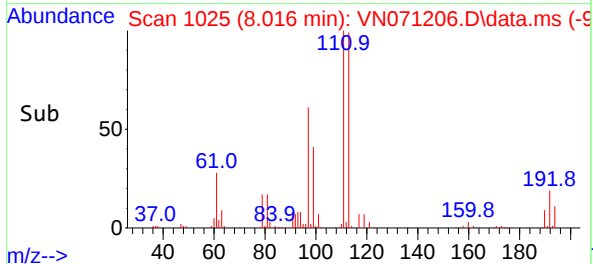
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



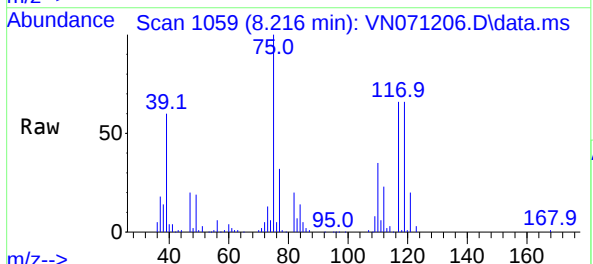
Tgt Ion: 113 Resp: 311059
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 20.1 16.9 25.3

Manual Integrations
APPROVED

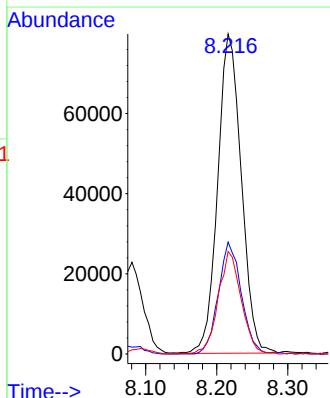
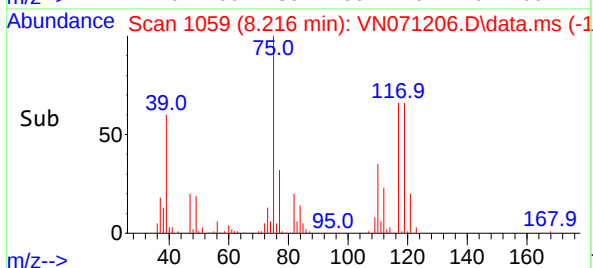
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

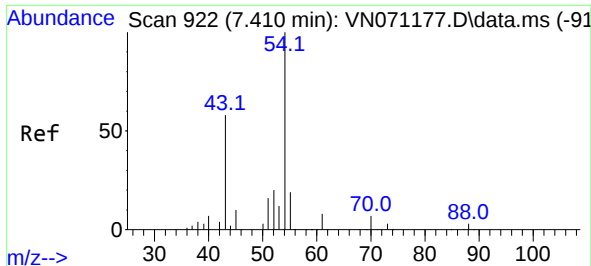


#36
1,1-Dichloropropene
Concen: 18.504 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45



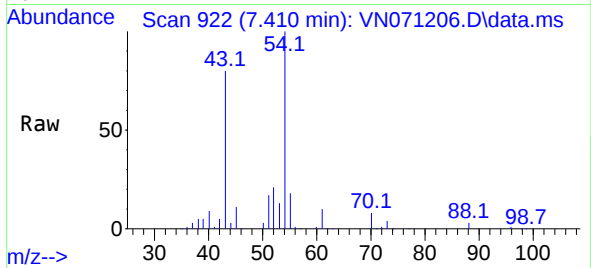
Tgt Ion: 75 Resp: 183905
Ion Ratio Lower Upper
75 100
110 34.2 18.4 55.2
77 31.3 24.4 36.6





#37
Ethyl Acetate
Concen: 18.104 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

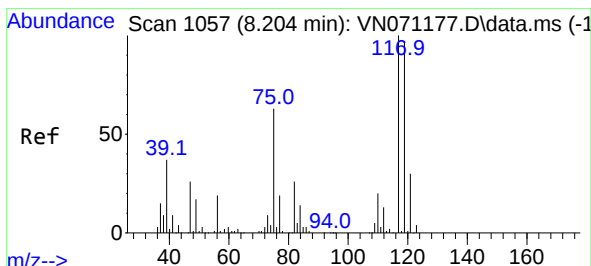
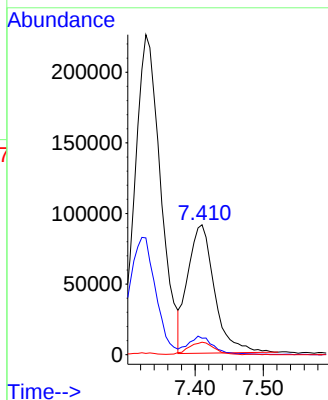
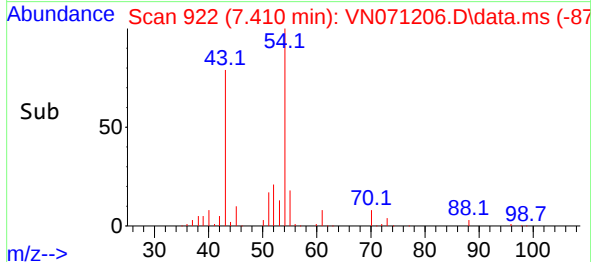
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



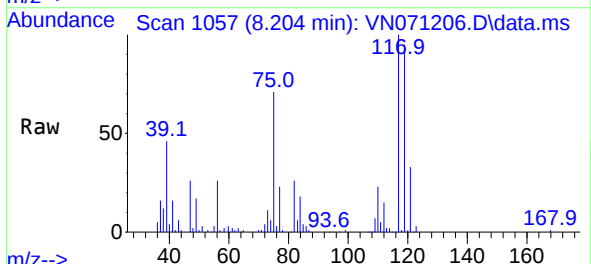
Tgt Ion: 43 Resp: 247632
Ion Ratio Lower Upper
43 100
61 13.1 11.5 17.3
70 9.3 7.9 11.9

Manual Integrations
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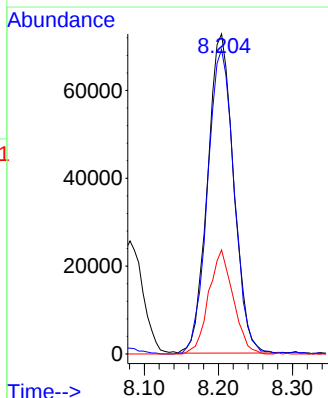
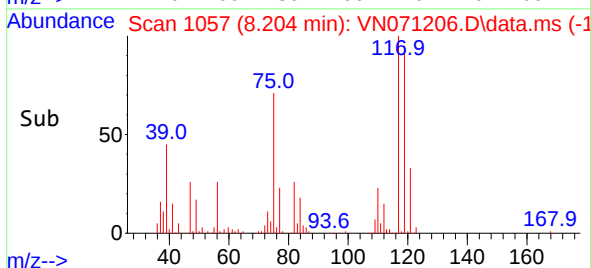
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

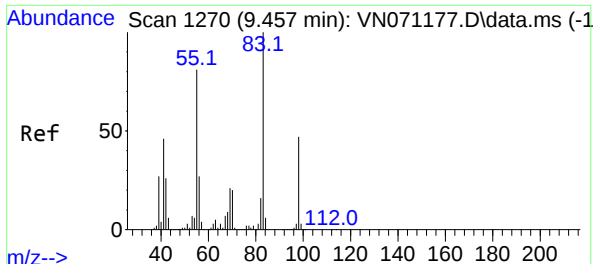


#38
Carbon Tetrachloride
Concen: 18.483 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45



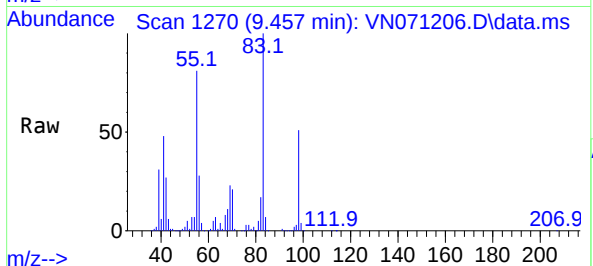
Tgt Ion:117 Resp: 177687
Ion Ratio Lower Upper
117 100
119 95.2 76.1 114.1
121 32.6 24.2 36.2





#39
Methylcyclohexane
Concen: 19.354 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

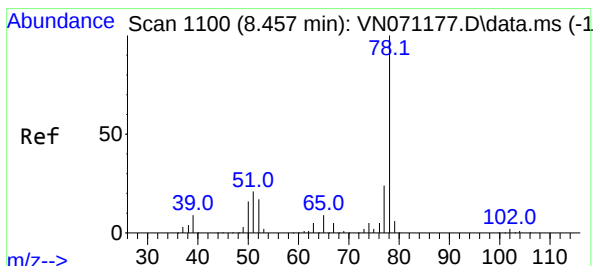
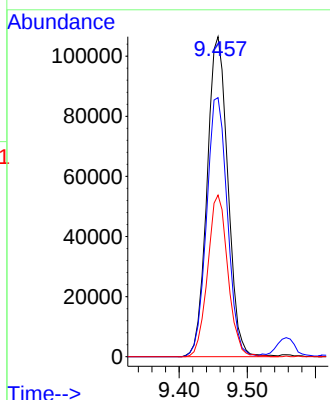
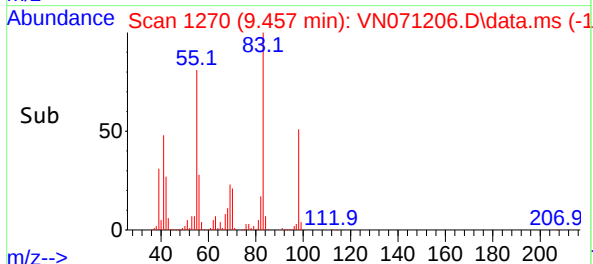
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



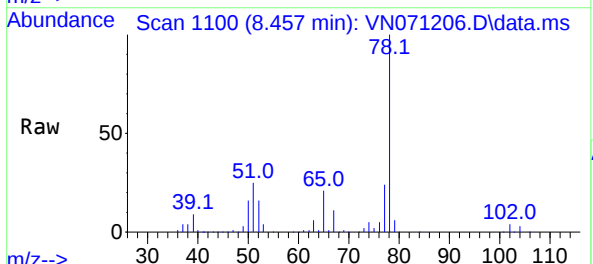
Tgt Ion: 83 Resp: 226294
Ion Ratio Lower Upper
83 100
55 80.9 58.1 87.1
98 50.5 38.4 57.6

Manual Integrations
APPROVED

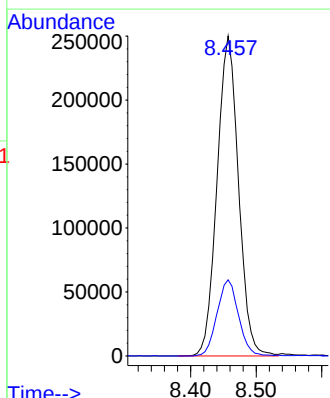
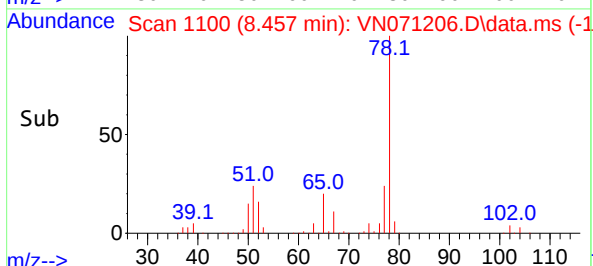
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#40
Benzene
Concen: 18.920 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45



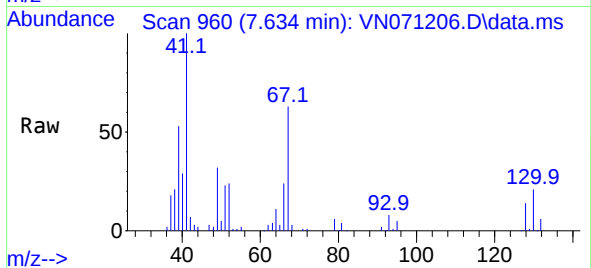
Tgt Ion: 78 Resp: 566570
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8





#41
Methacrylonitrile
Concen: 18.945 ug/l
RT: 7.634 min Scan# 960
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

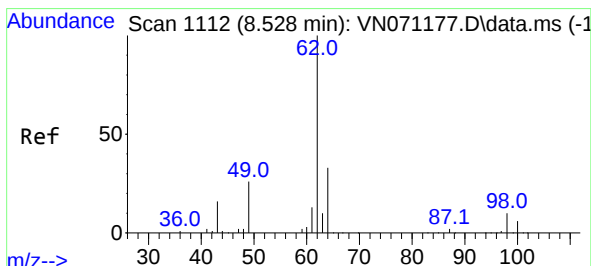
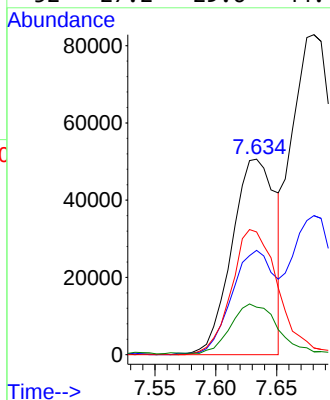
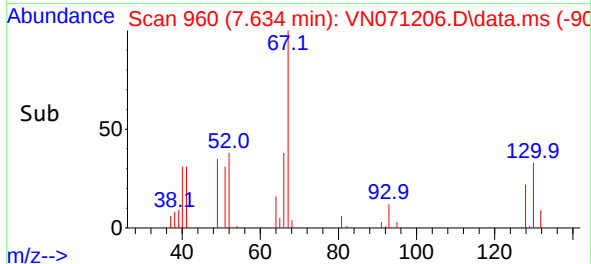
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



Tgt Ion: 41 Resp: 126815
Ion Ratio Lower Upper
41 100
39 52.5 48.1 72.1
67 68.2 68.3 102.5
52 27.2 29.6 44.4#

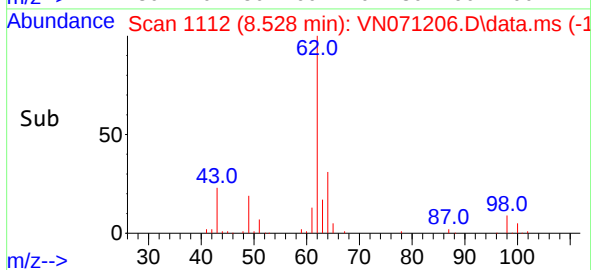
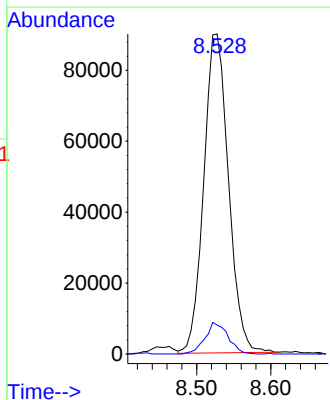
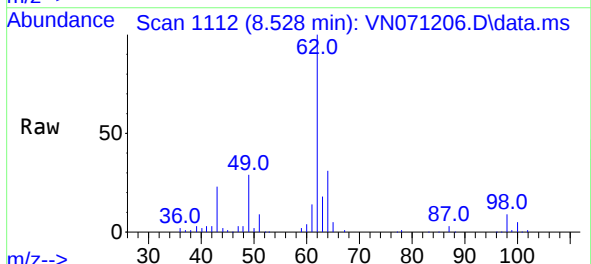
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#42
1,2-Dichloroethane
Concen: 20.039 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

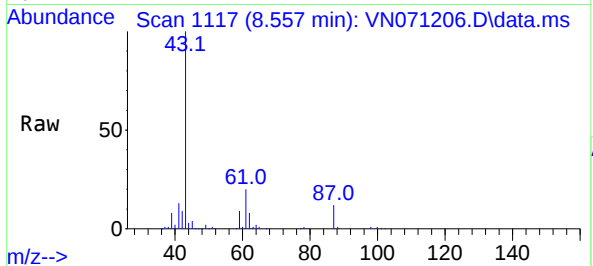
Tgt Ion: 62 Resp: 208815
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.6





#43
Isopropyl Acetate
Concen: 17.815 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

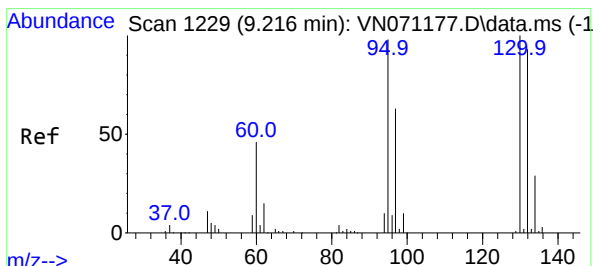
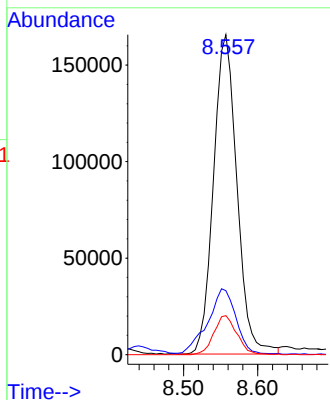
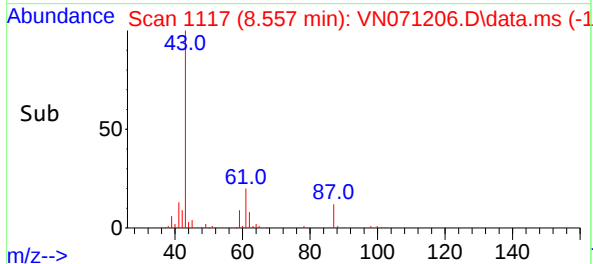
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



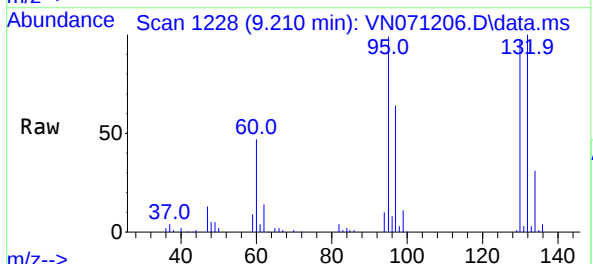
Tgt Ion: 43 Resp: 364412
Ion Ratio Lower Upper
43 100
61 24.8 20.4 30.6
87 12.1 11.2 16.8

Manual Integrations
APPROVED

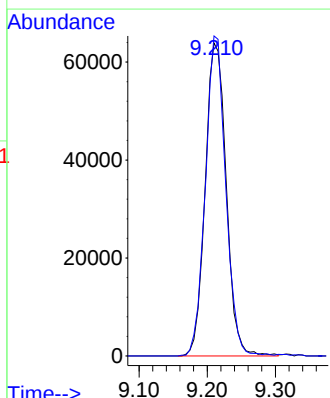
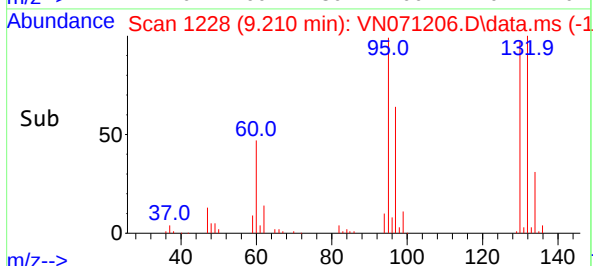
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

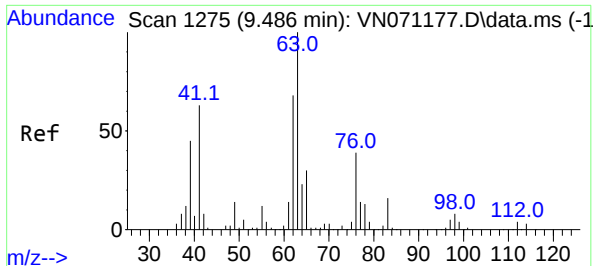


#44
Trichloroethene
Concen: 19.359 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45



Tgt Ion:130 Resp: 136780
Ion Ratio Lower Upper
130 100
95 102.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 19.104 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN071206.D

Acq: 09 Mar 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0309WBS02

Tgt Ion: 63 Resp: 15357

Ion Ratio Lower Upper

63 100

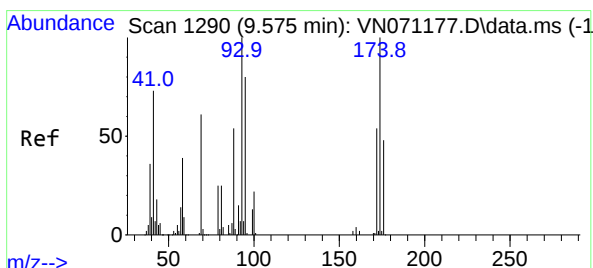
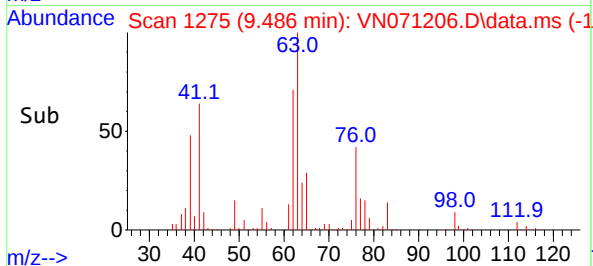
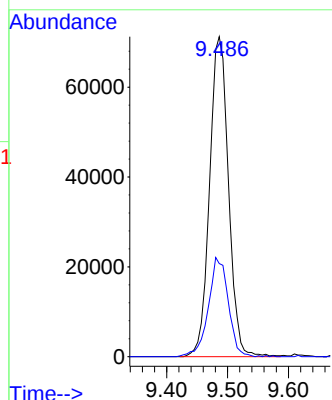
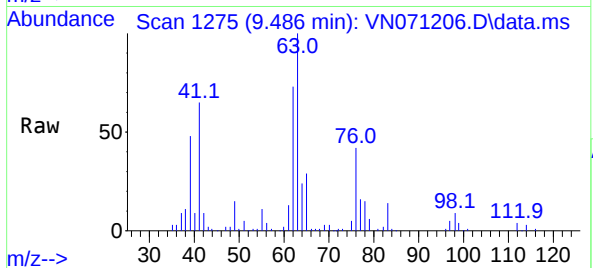
65 29.1 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#46

Dibromomethane

Concen: 18.916 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.006 min

Lab File: VN071206.D

Acq: 09 Mar 2022 13:45

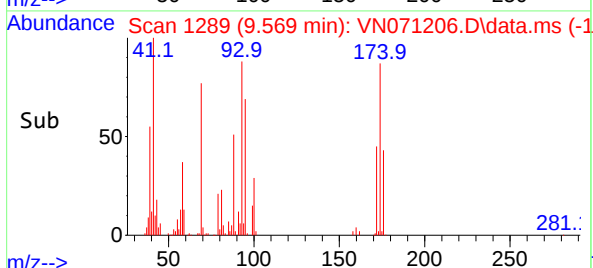
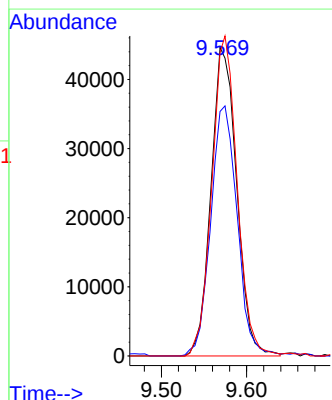
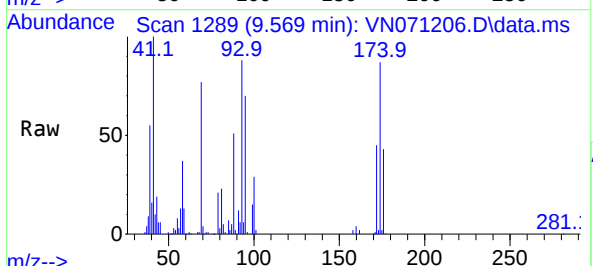
Tgt Ion: 93 Resp: 93592

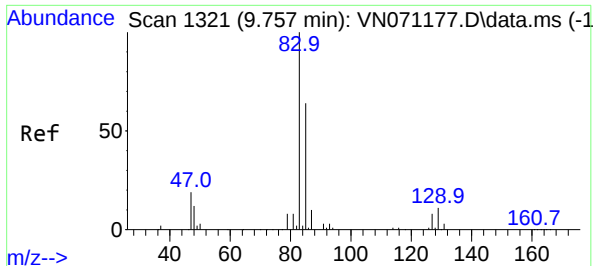
Ion Ratio Lower Upper

93 100

95 83.7 65.9 98.9

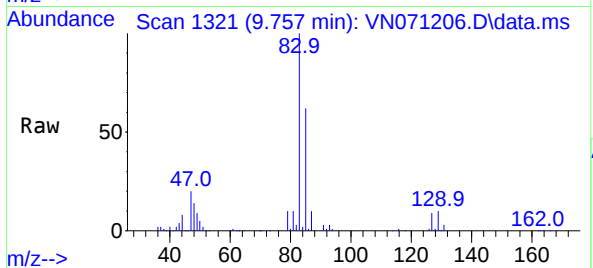
174 102.5 84.6 127.0





#47
Bromodichloromethane
Concen: 19.219 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

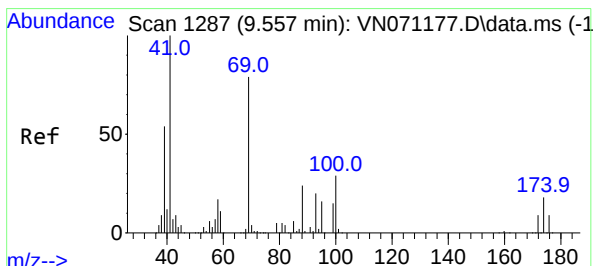
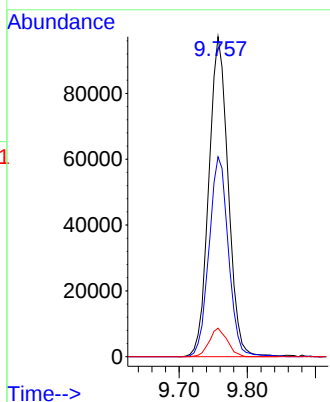
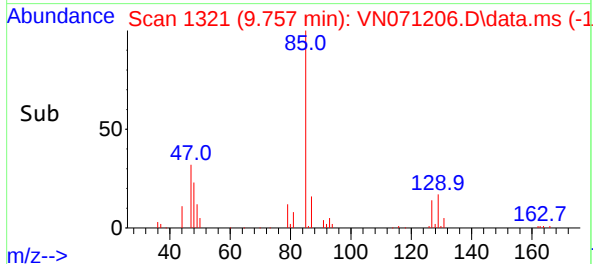
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



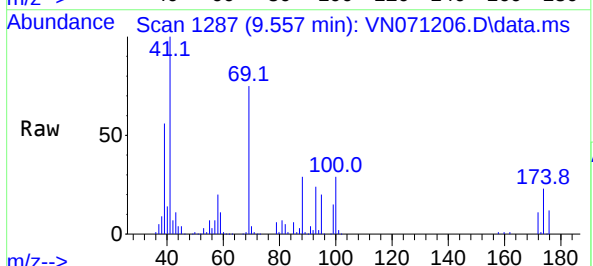
Tgt Ion: 83 Resp: 19217
Ion Ratio Lower Upper
83 100
85 62.5 50.9 76.3
127 8.9 7.1 10.7

Manual Integrations
APPROVED

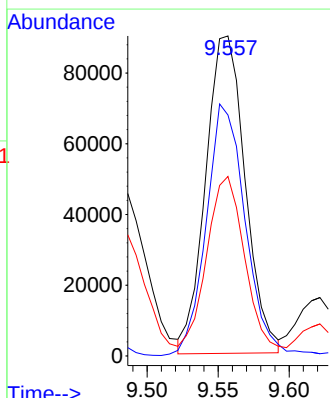
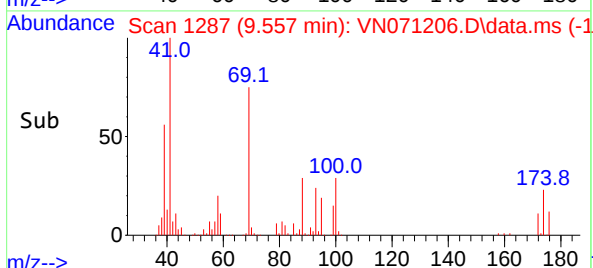
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

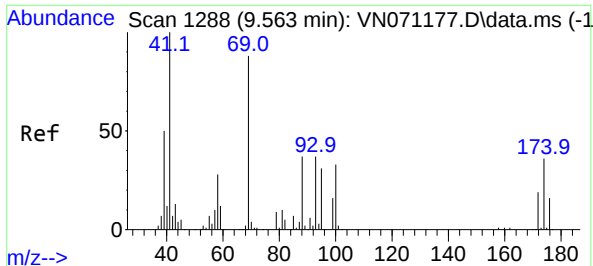


#48
Methyl methacrylate
Concen: 18.344 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45



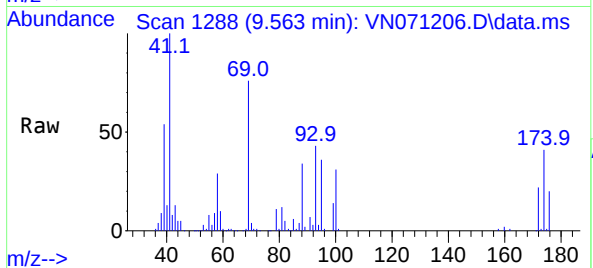
Tgt Ion: 41 Resp: 173882
Ion Ratio Lower Upper
41 100
69 78.4 72.4 108.6
39 55.3 58.4 87.6#





#49
1,4-Dioxane
Concen: 374.350 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

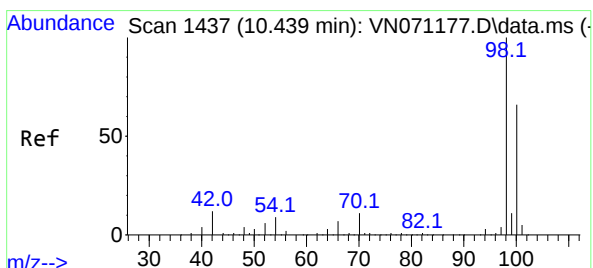
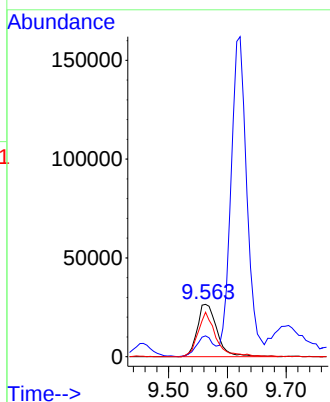
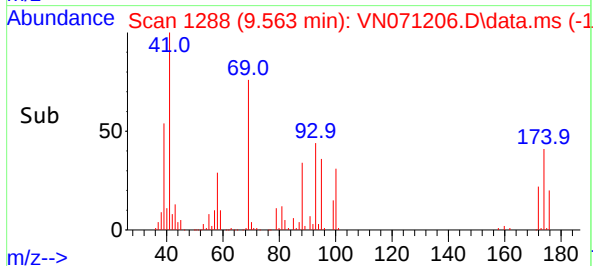
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



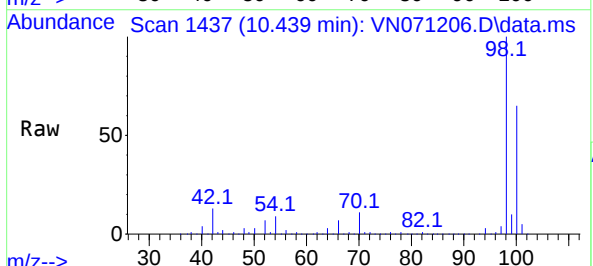
Tgt Ion: 88 Resp: 6168
Ion Ratio Lower Upper
88 100
43 33.3 23.4 35.2
58 78.1 50.6 75.8

Manual Integrations
APPROVED

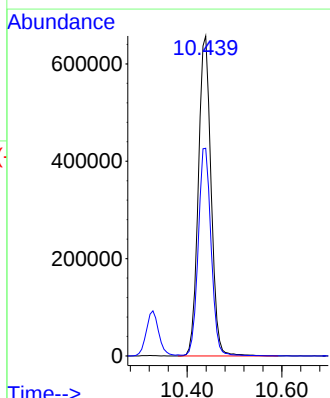
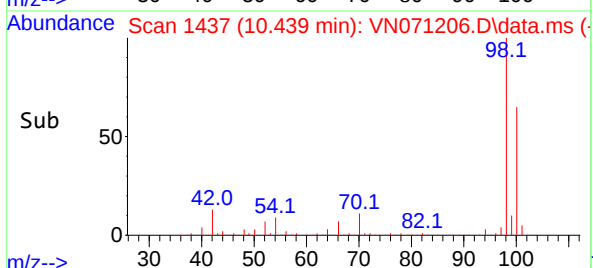
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

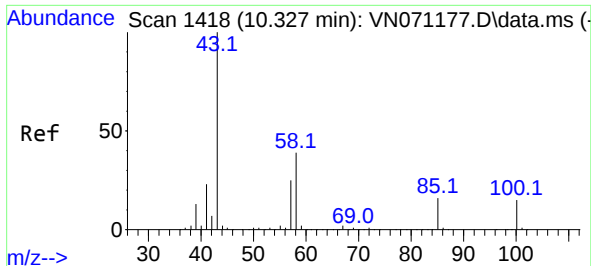


#50
Toluene-d8
Concen: 48.961 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45



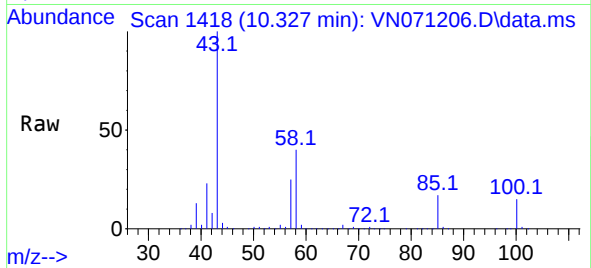
Tgt Ion: 98 Resp: 1222842
Ion Ratio Lower Upper
98 100
100 65.8 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 92.894 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

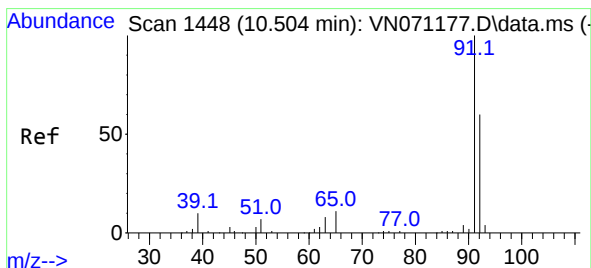
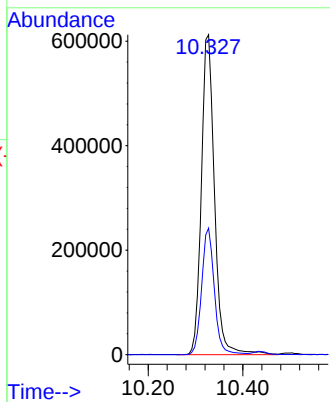
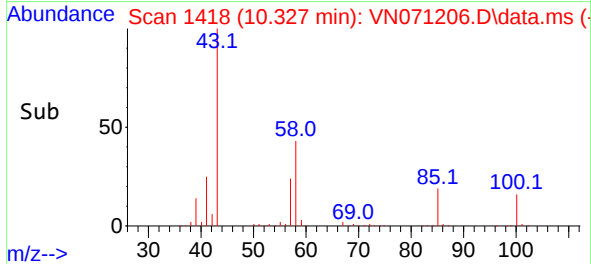
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



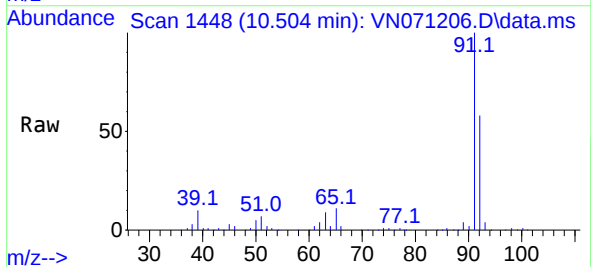
Tgt Ion: 43 Resp: 1179239
Ion Ratio Lower Upper
43 100
58 38.2 30.4 45.6

Manual Integrations
APPROVED

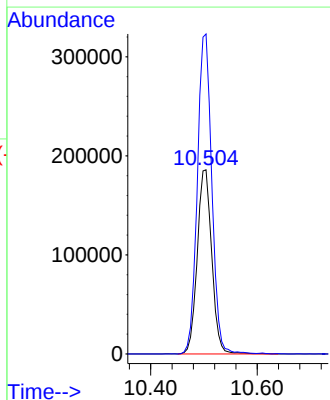
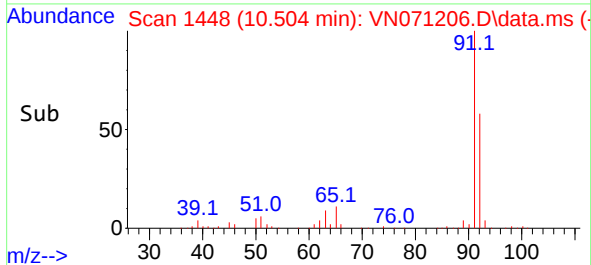
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

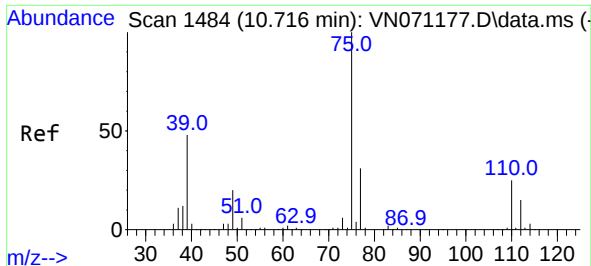


#52
Toluene
Concen: 19.067 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45



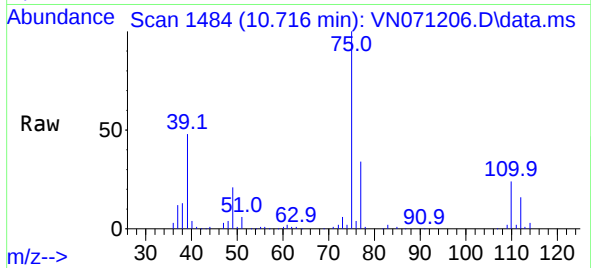
Tgt Ion: 92 Resp: 351592
Ion Ratio Lower Upper
92 100
91 173.2 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 18.688 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

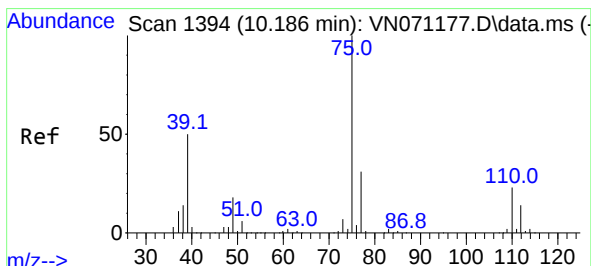
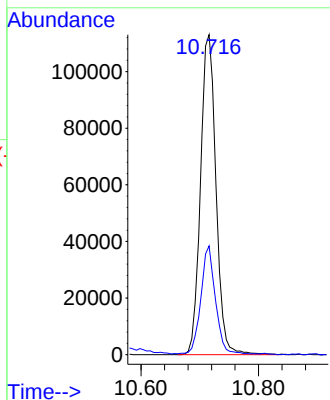
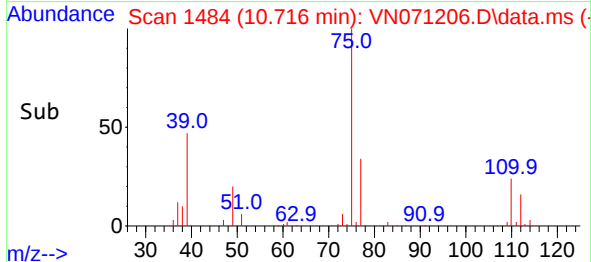
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



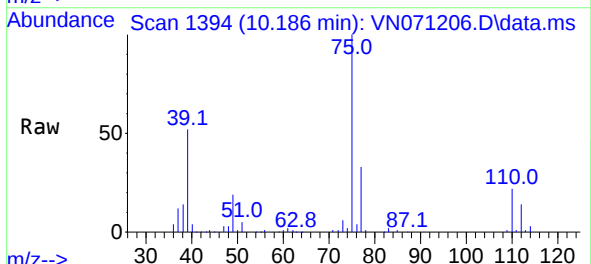
Tgt Ion: 75 Resp: 205979
Ion Ratio Lower Upper
75 100
77 34.0 25.6 38.4

Manual Integrations
APPROVED

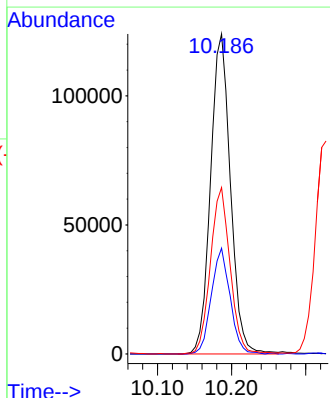
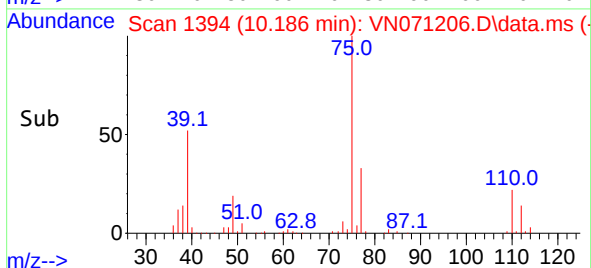
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

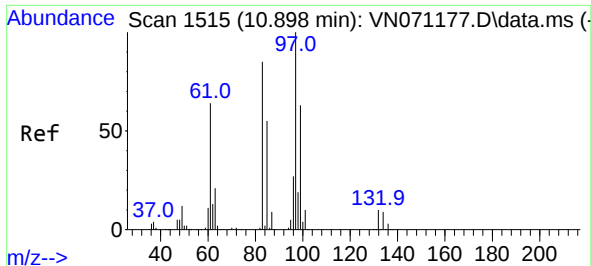


#54
cis-1,3-Dichloropropene
Concen: 19.176 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45



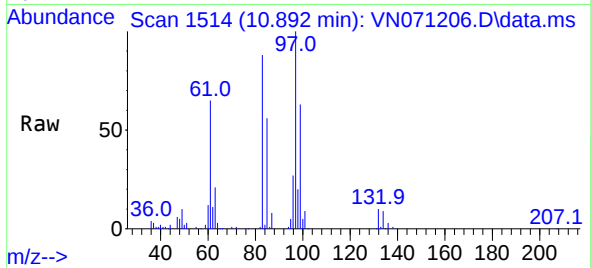
Tgt Ion: 75 Resp: 230942
Ion Ratio Lower Upper
75 100
77 33.0 26.4 39.6
39 52.0 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 19.109 ug/l
RT: 10.892 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02

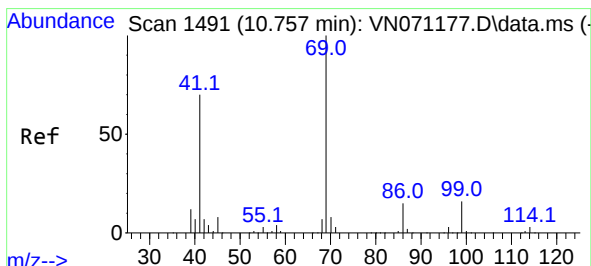
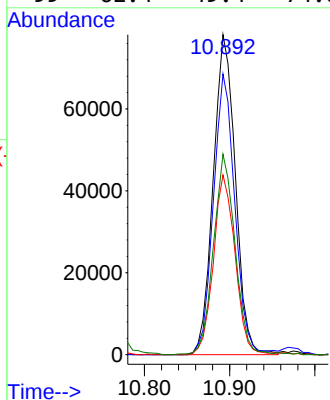
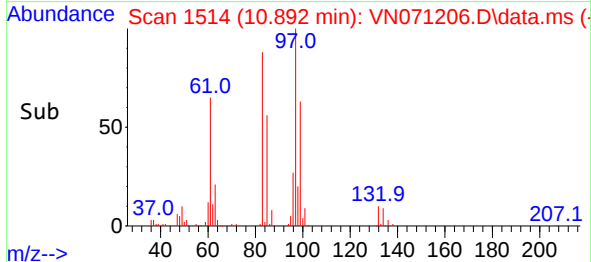


Tgt Ion: 97 Resp: 141199

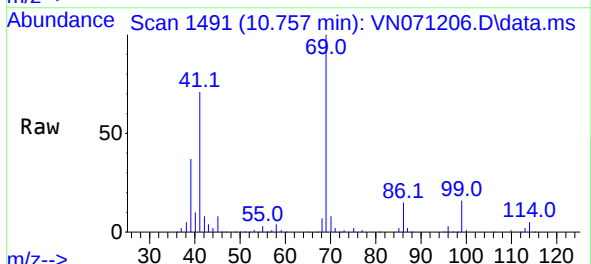
Ion	Ratio	Lower	Upper
97	100		
83	87.7	67.8	101.6
85	56.2	45.4	68.2
99	62.4	49.4	74.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

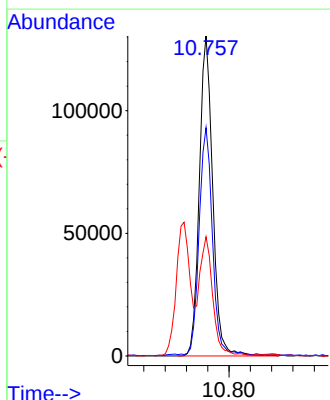
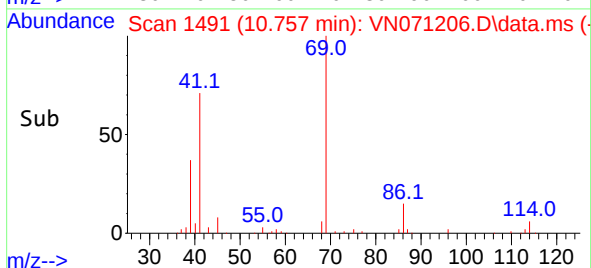


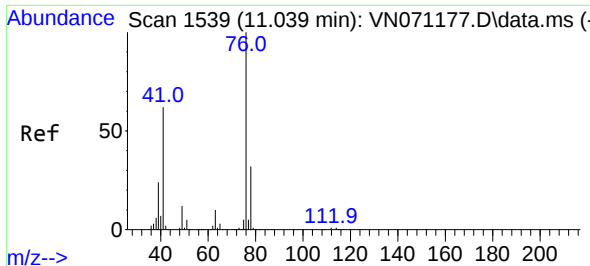
#56
Ethyl methacrylate
Concen: 18.813 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45



Tgt Ion: 69 Resp: 227013

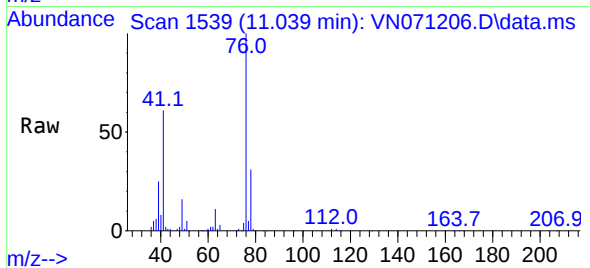
Ion	Ratio	Lower	Upper
69	100		
41	69.9	51.4	77.0
39	37.5	34.6	52.0





#57
1,3-Dichloropropane
Concen: 18.868 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

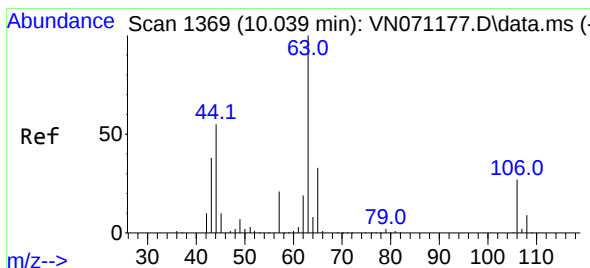
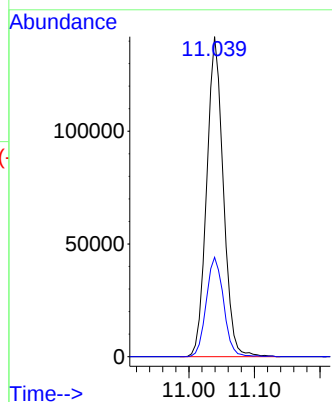
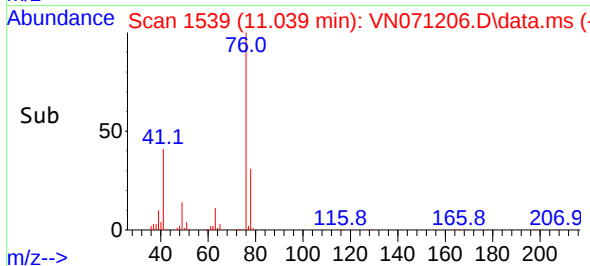
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



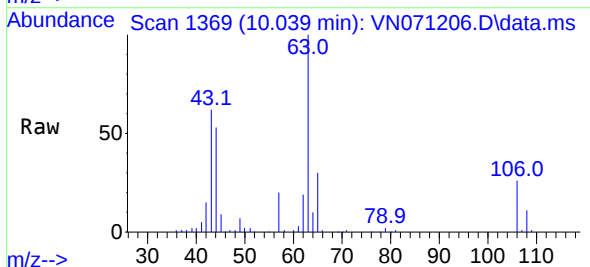
Tgt Ion: 76 Resp: 25024
Ion Ratio Lower Upper
76 100
78 32.4 25.7 38.5

Manual Integrations
APPROVED

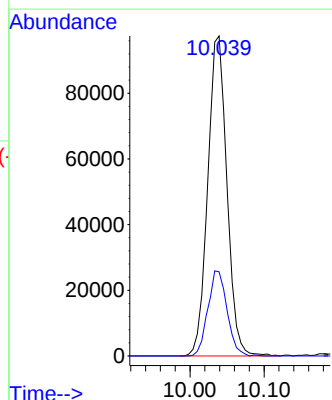
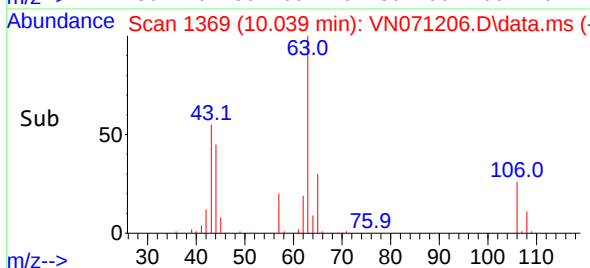
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

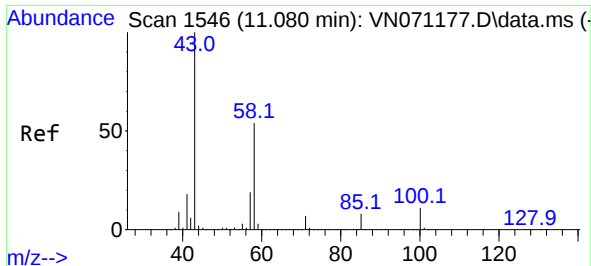


#58
2-Chloroethyl Vinyl ether
Concen: 89.275 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45



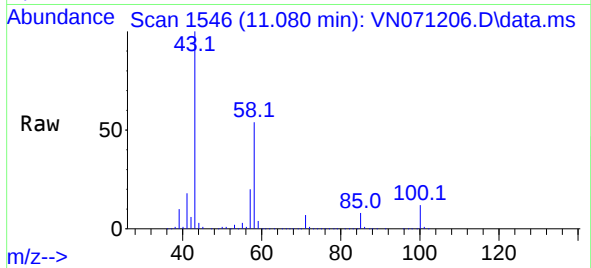
Tgt Ion: 63 Resp: 175212
Ion Ratio Lower Upper
63 100
106 26.6 23.9 35.9





#59
2-Hexanone
Concen: 93.387 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

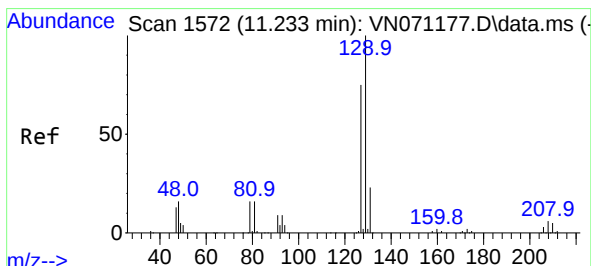
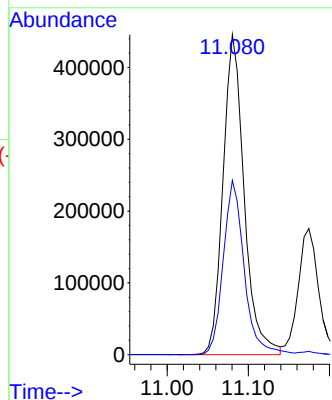
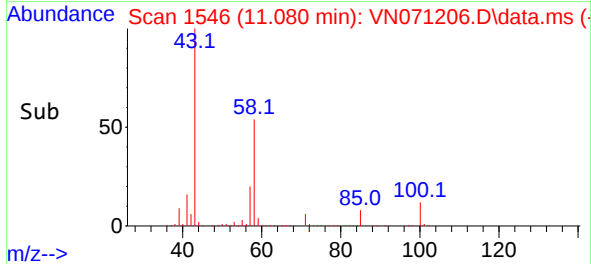
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



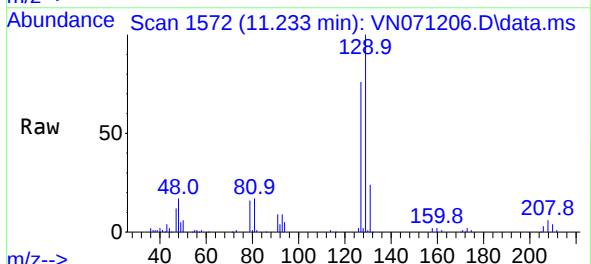
Tgt Ion: 43 Resp: 80887
Ion Ratio Lower Upper
43 100
58 53.9 26.9 80.7

Manual Integrations
APPROVED

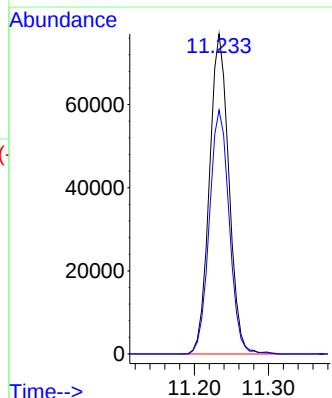
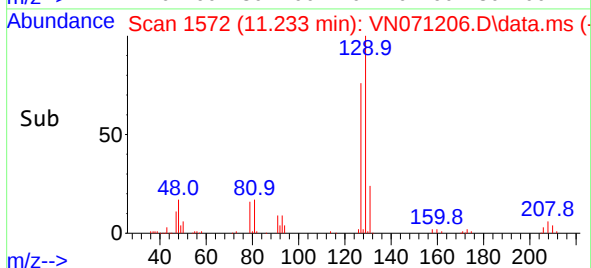
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

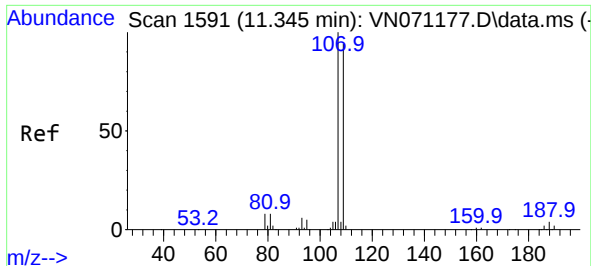


#60
Dibromochloromethane
Concen: 19.138 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45



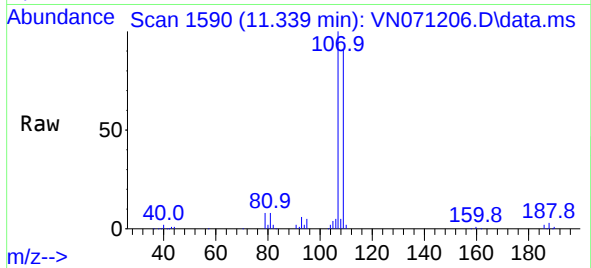
Tgt Ion:129 Resp: 140507
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.701 ug/l
RT: 11.339 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

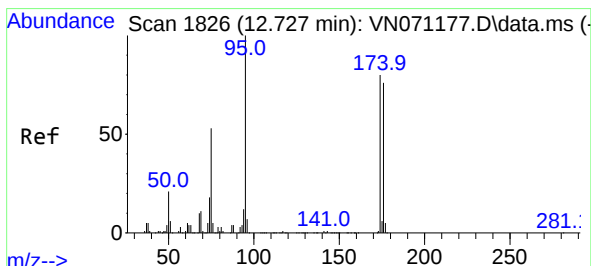
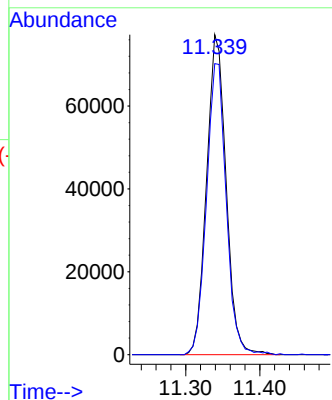
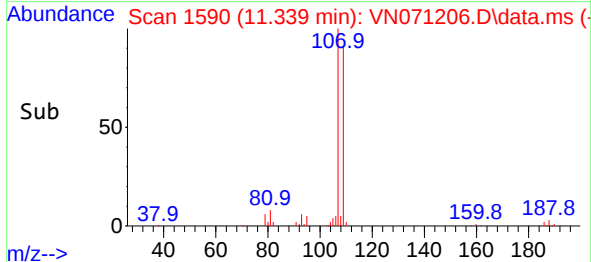
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



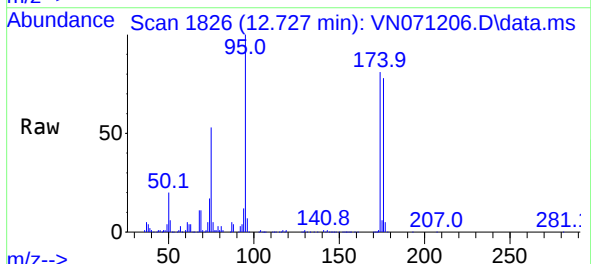
Tgt Ion:107 Resp: 14122
Ion Ratio Lower Upper
107 100
109 91.9 75.7 113.5

Manual Integrations
APPROVED

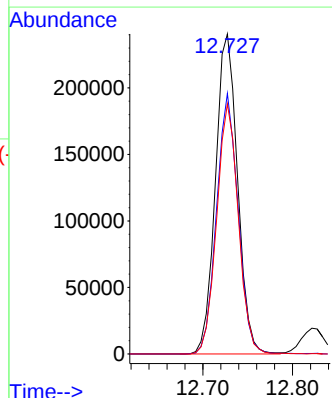
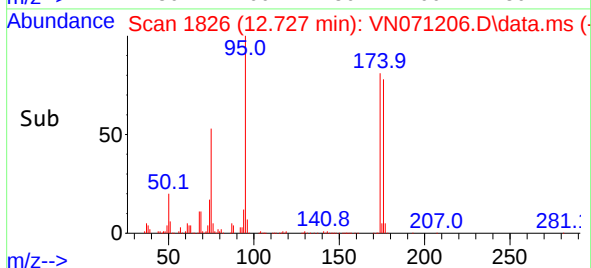
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

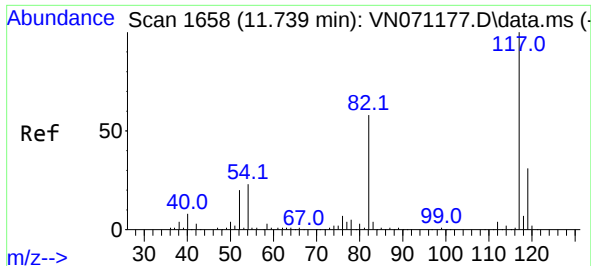


#62
4-Bromofluorobenzene
Concen: 48.568 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45



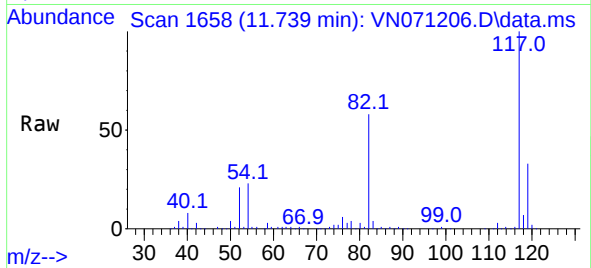
Tgt Ion: 95 Resp: 410762
Ion Ratio Lower Upper
95 100
174 79.6 0.0 187.2
176 76.7 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

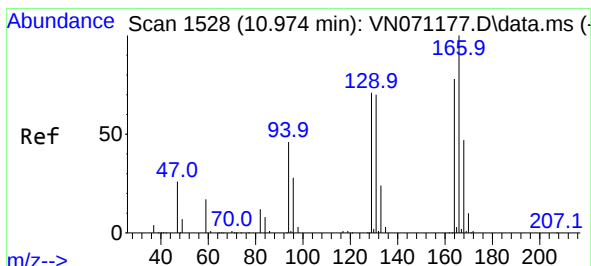
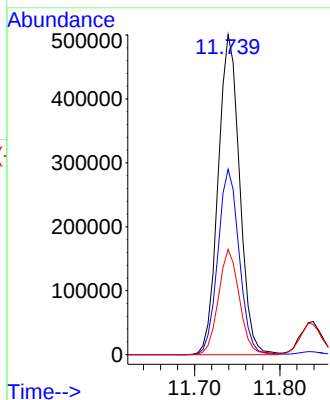
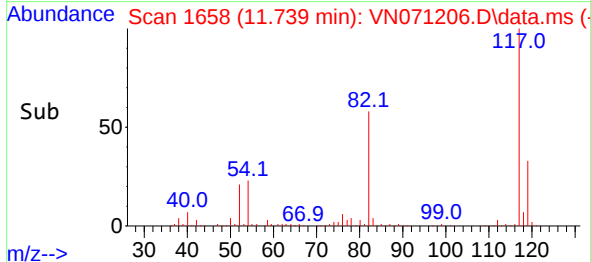
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



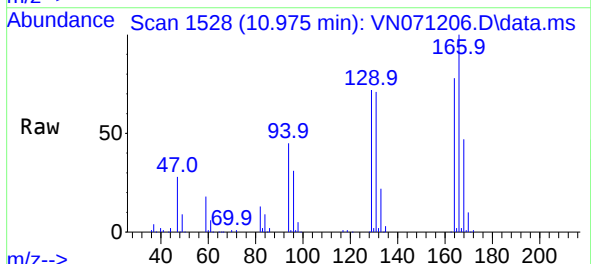
Tgt Ion:117 Resp: 877172
Ion Ratio Lower Upper
117 100
82 57.9 42.4 63.6
119 32.9 25.4 38.2

Manual Integrations
APPROVED

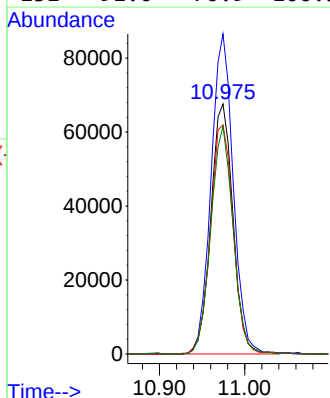
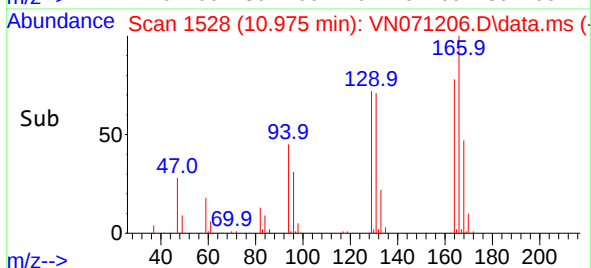
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#64
Tetrachloroethene
Concen: 19.943 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.001 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45



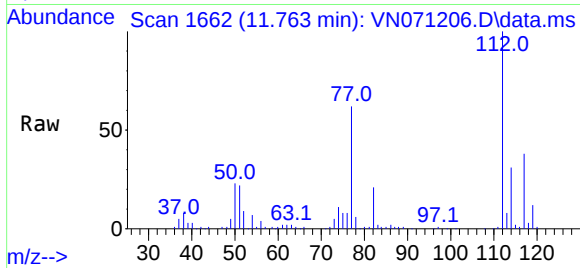
Tgt Ion:164 Resp: 122007
Ion Ratio Lower Upper
164 100
166 127.9 101.9 152.9
129 91.5 72.0 108.0
131 91.0 70.9 106.3





#65
Chlorobenzene
Concen: 19.407 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

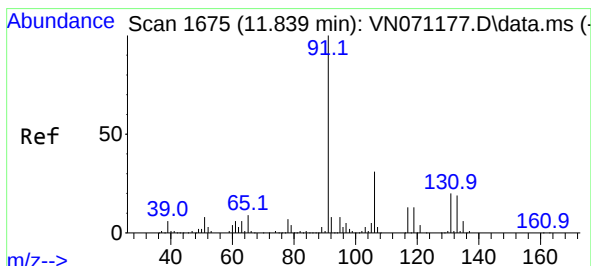
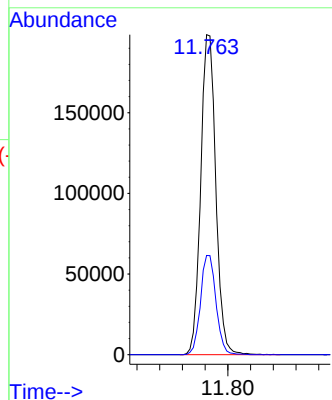
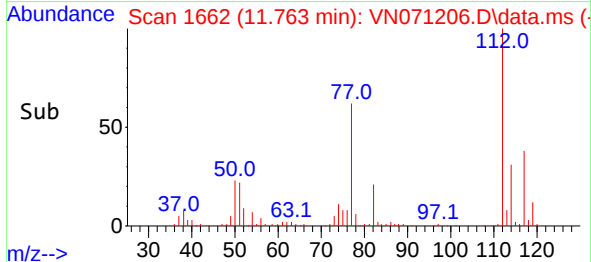
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



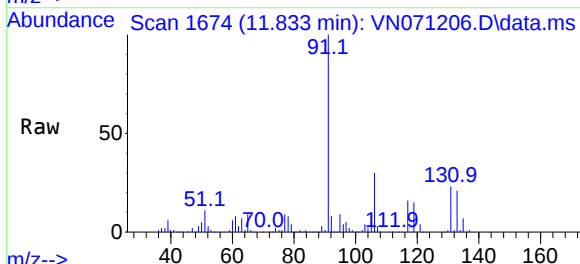
Tgt Ion:112 Resp: 36559
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.0

Manual Integrations
APPROVED

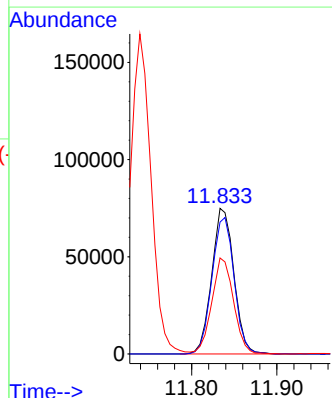
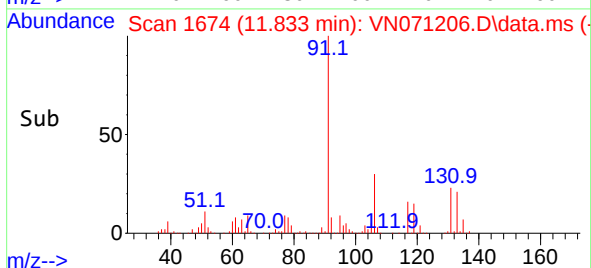
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

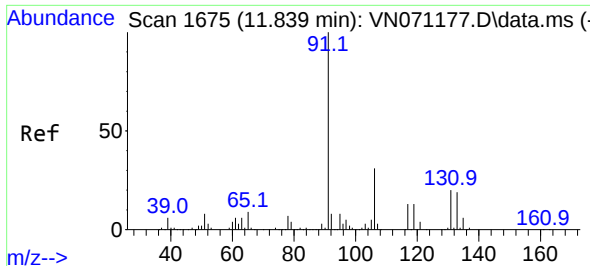


#66
1,1,1,2-Tetrachloroethane
Concen: 19.549 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45



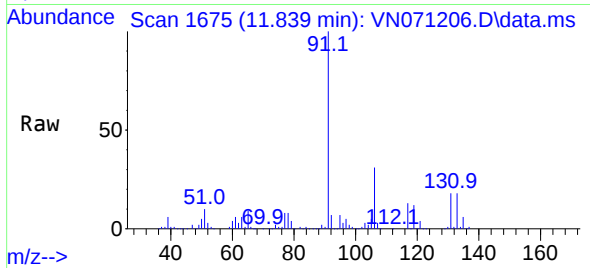
Tgt Ion:131 Resp: 135034
Ion Ratio Lower Upper
131 100
133 94.0 47.9 143.7
119 65.0 32.1 96.5





#67
Ethyl Benzene
Concen: 19.675 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

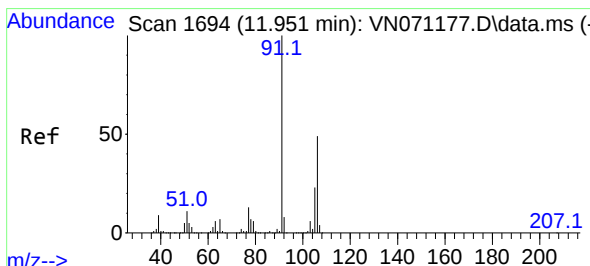
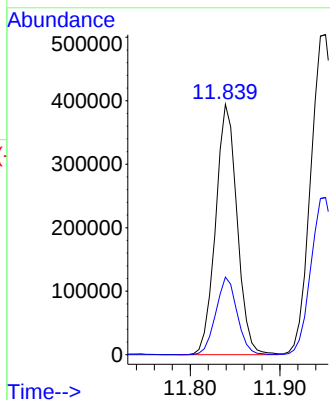
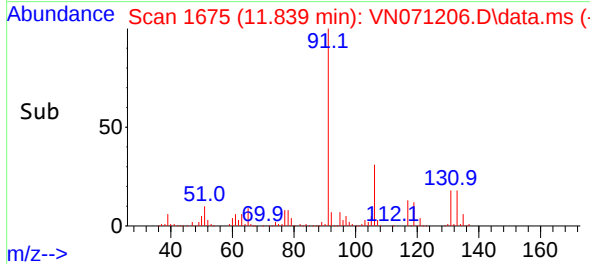
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



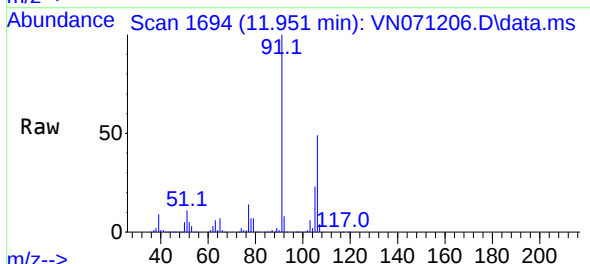
Tgt Ion: 91 Resp: 655324
Ion Ratio Lower Upper
91 100
106 31.0 25.7 38.5

Manual Integrations
APPROVED

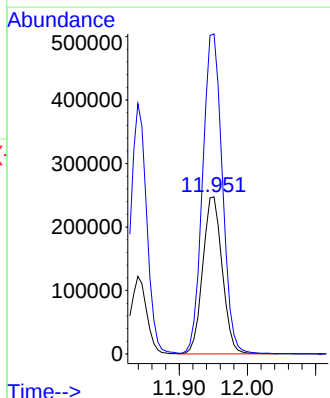
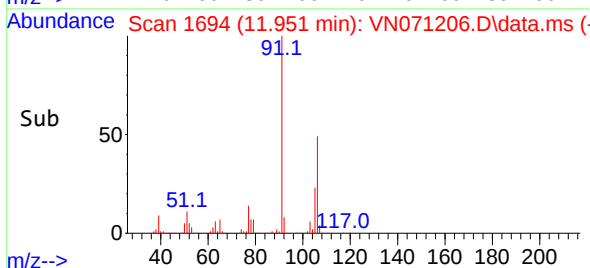
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#68
m/p-Xylenes
Concen: 40.267 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45



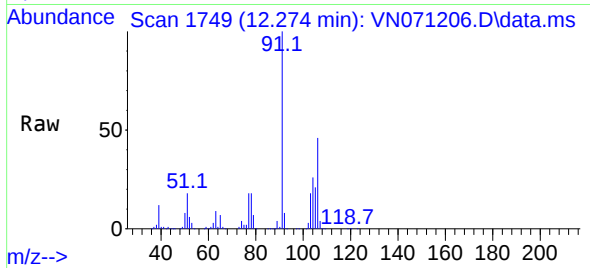
Tgt Ion:106 Resp: 490643
Ion Ratio Lower Upper
106 100
91 206.4 160.6 240.8





#69
o-Xylene
Concen: 20.339 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

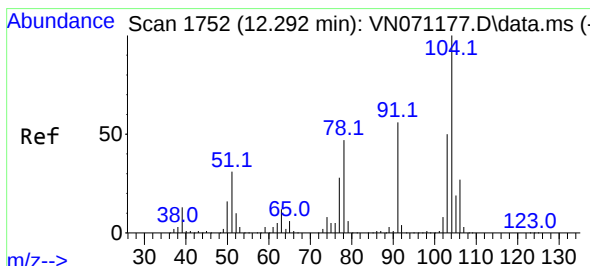
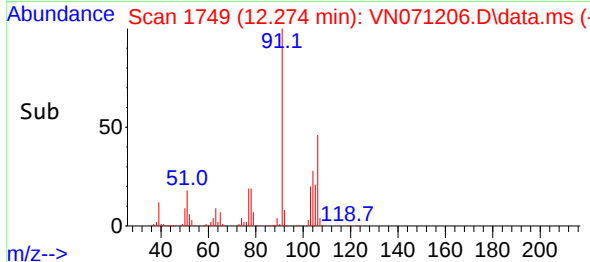
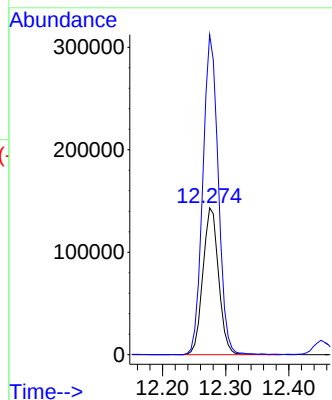
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



Tgt Ion:106 Resp: 248424
Ion Ratio Lower Upper
106 100
91 214.0 105.8 317.3

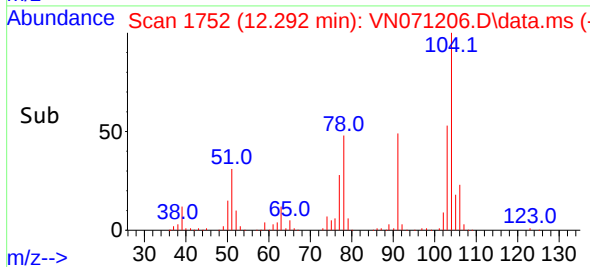
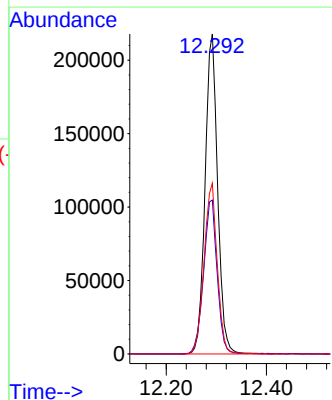
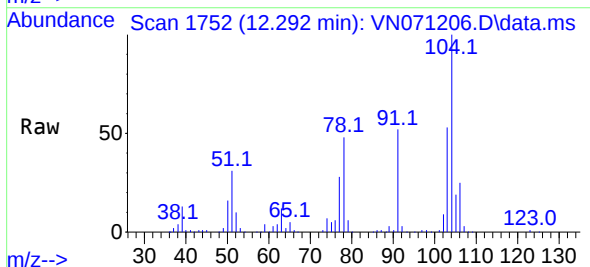
Manual Integrations
APPROVED

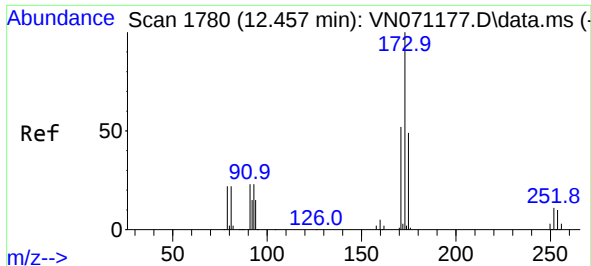
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#70
Styrene
Concen: 20.051 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

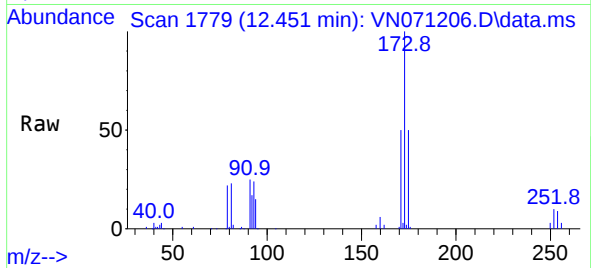
Tgt Ion:104 Resp: 379093
Ion Ratio Lower Upper
104 100
78 51.8 38.7 58.1
103 56.1 45.0 67.6





#71
Bromoform
Concen: 19.326 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

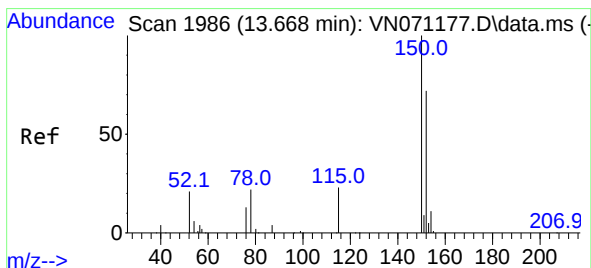
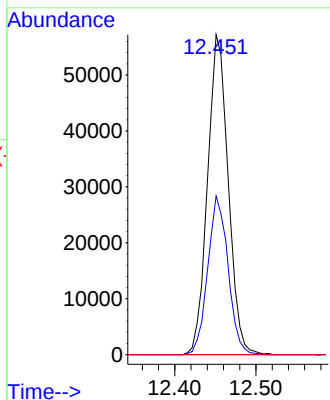
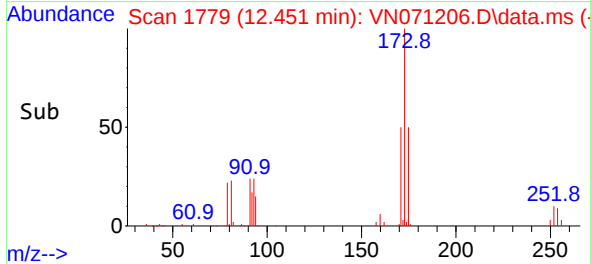
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



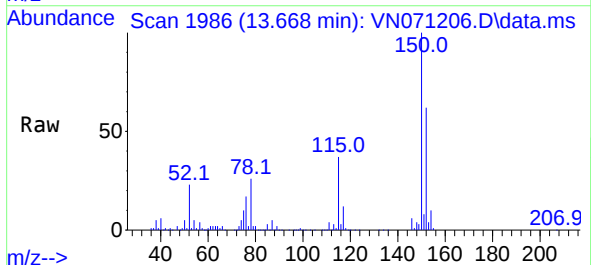
Tgt Ion:173 Resp: 101370
Ion Ratio Lower Upper
173 100
175 48.6 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

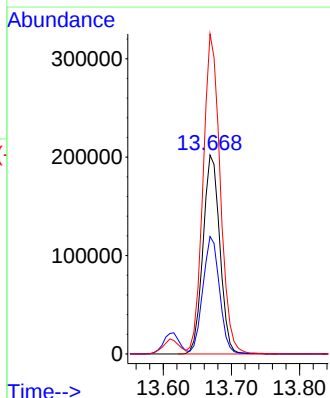
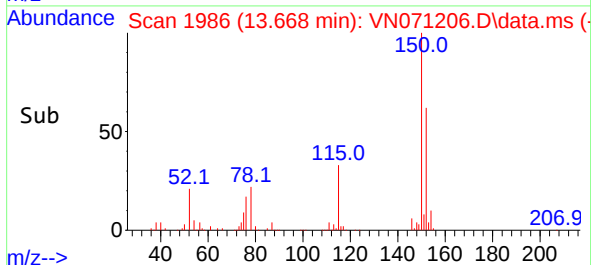
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

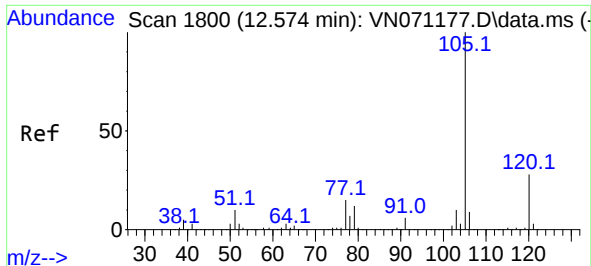


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45



Tgt Ion:152 Resp: 346574
Ion Ratio Lower Upper
152 100
115 58.6 27.5 82.5
150 164.6 0.0 344.4





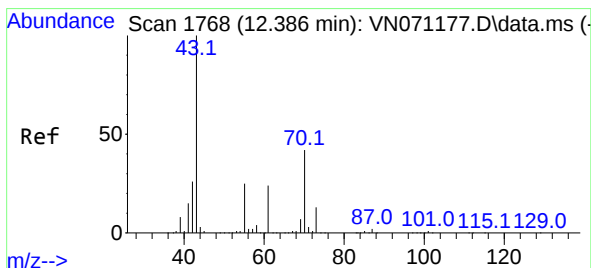
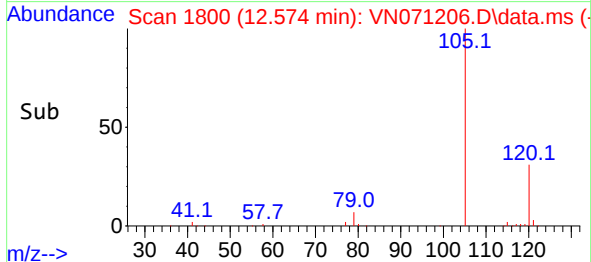
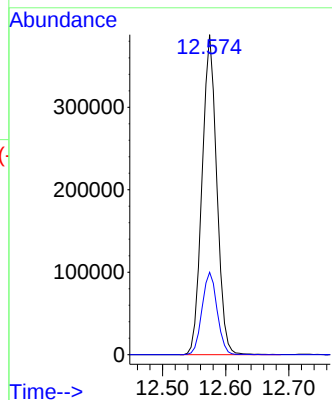
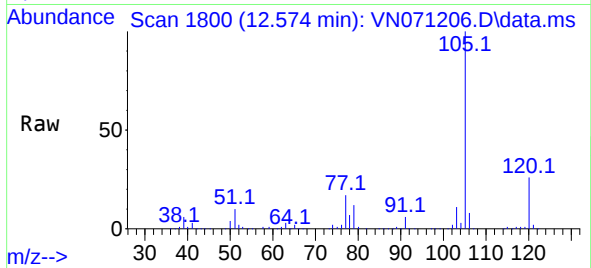
#73
Isopropylbenzene
Concen: 18.792 ug/l
RT: 12.574 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02

Tgt Ion:105 Resp: 627825
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1

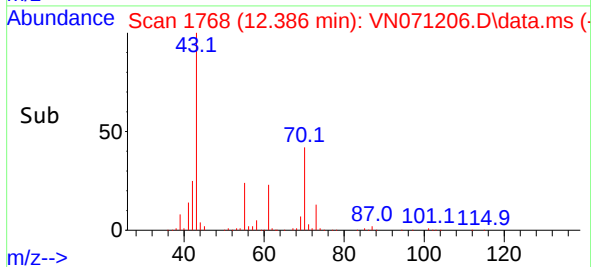
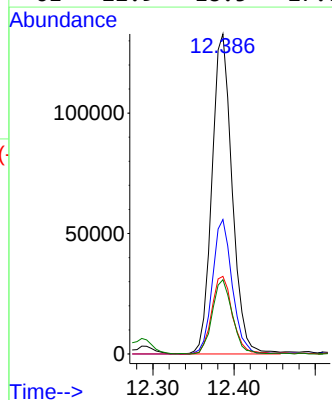
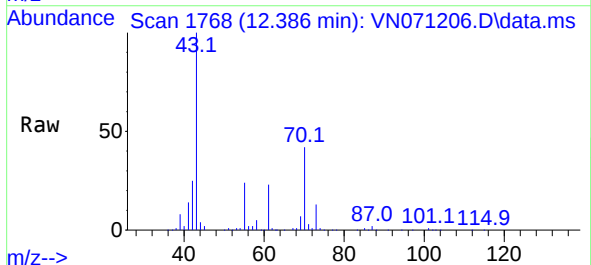
Manual Integrations
APPROVED

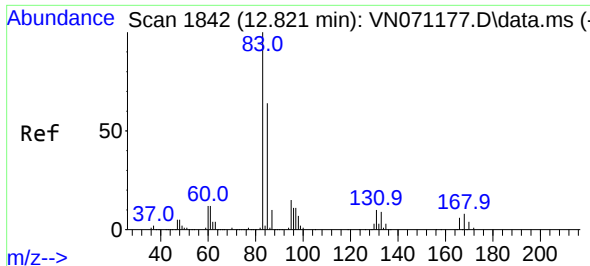
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#74
N-ethyl acetate
Concen: 18.278 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

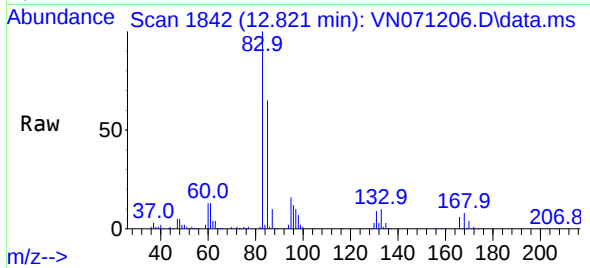
Tgt Ion: 43 Resp: 229602
Ion Ratio Lower Upper
43 100
70 41.1 33.4 50.0
55 24.8 19.3 28.9
61 22.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.241 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

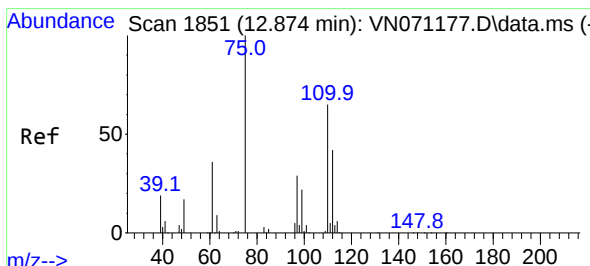
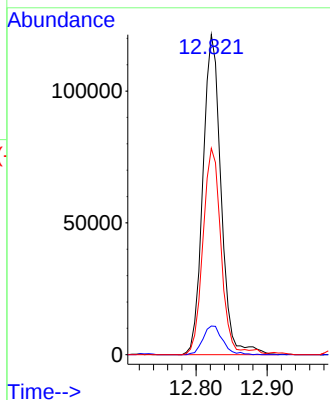
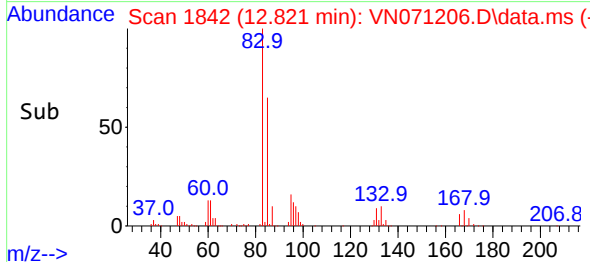
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



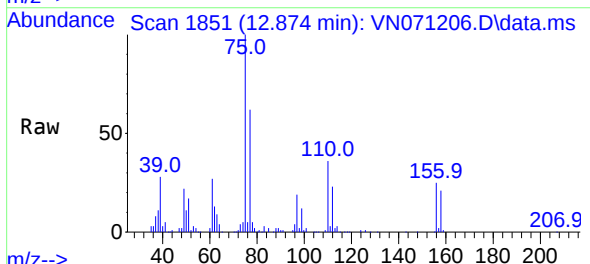
Tgt Ion: 83 Resp: 21609
Ion Ratio Lower Upper
83 100
131 9.7 5.5 16.5
85 64.6 32.4 97.2

Manual Integrations
APPROVED

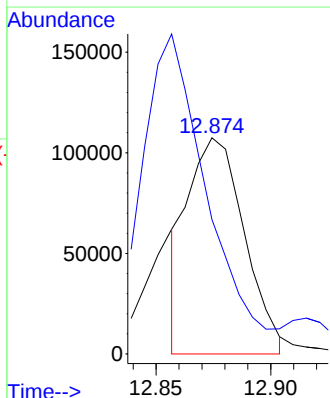
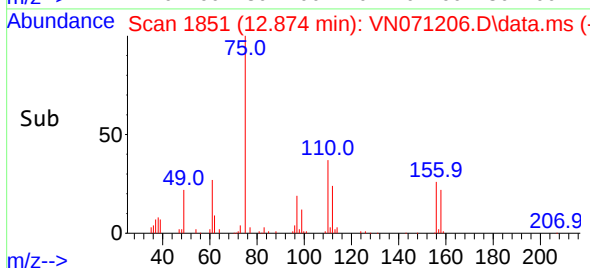
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

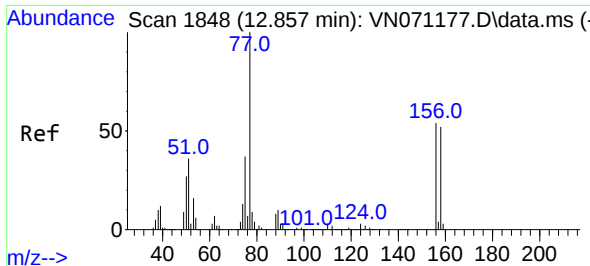


#76
1,2,3-Trichloropropane
Concen: 20.267 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45



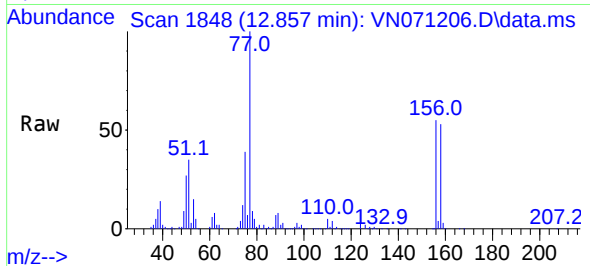
Tgt Ion: 75 Resp: 184336
Ion Ratio Lower Upper
75 100
77 171.3 82.6 247.8





#77
Bromobenzene
Concen: 18.972 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

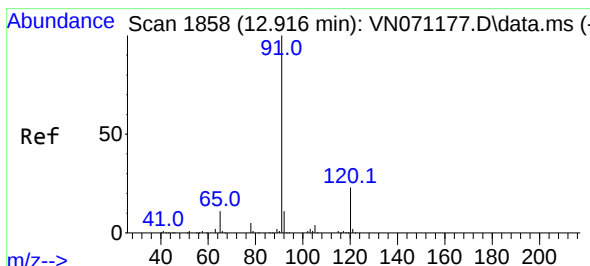
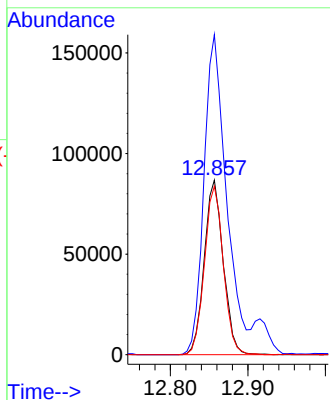
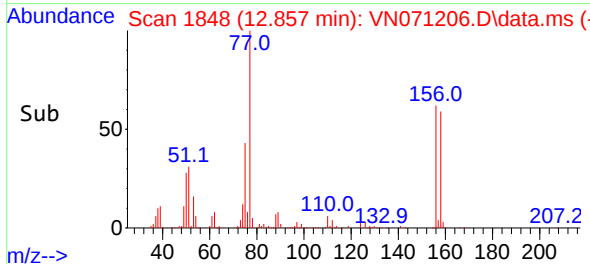
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



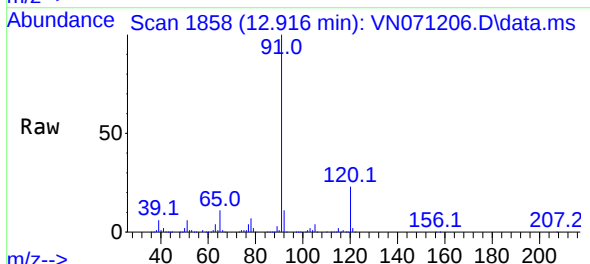
Tgt Ion:156 Resp: 147800
Ion Ratio Lower Upper
156 100
77 213.7 90.6 271.8
158 95.9 48.9 146.7

Manual Integrations
APPROVED

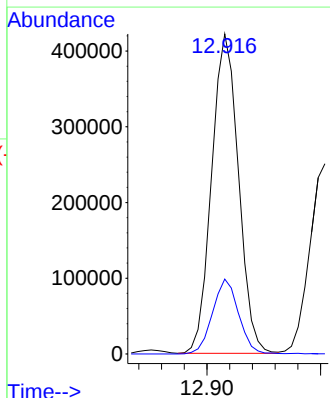
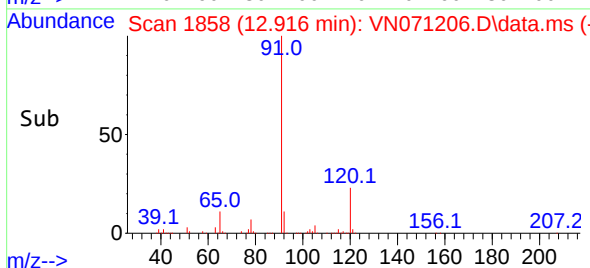
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

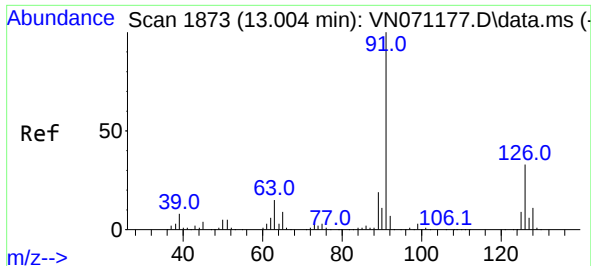


#78
n-propylbenzene
Concen: 19.327 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45



Tgt Ion: 91 Resp: 692896
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.9





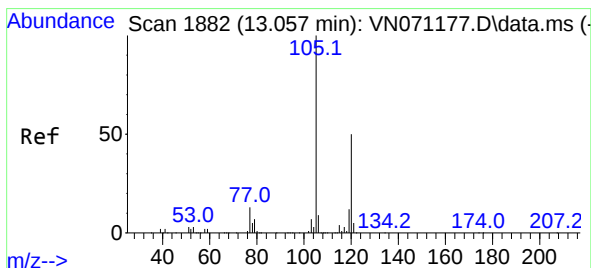
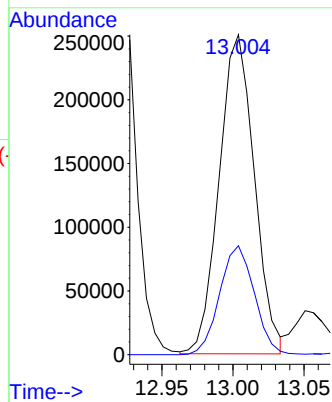
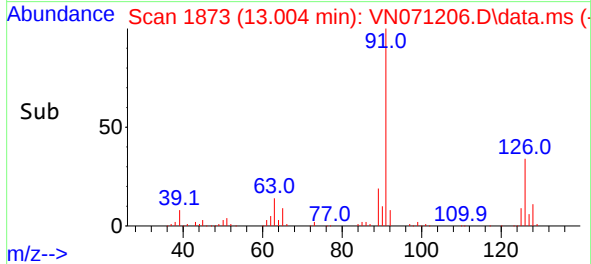
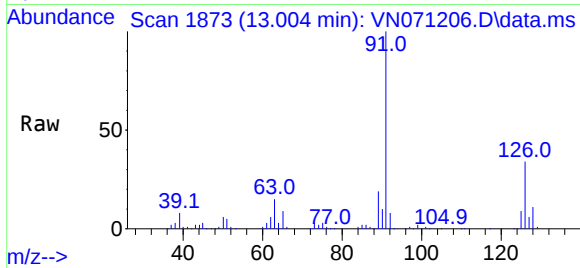
#79
2-Chlorotoluene
Concen: 18.775 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02

Tgt Ion: 91 Resp: 432068
Ion Ratio Lower Upper
91 100
126 33.6 18.3 54.8

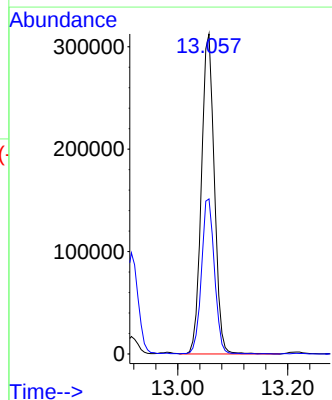
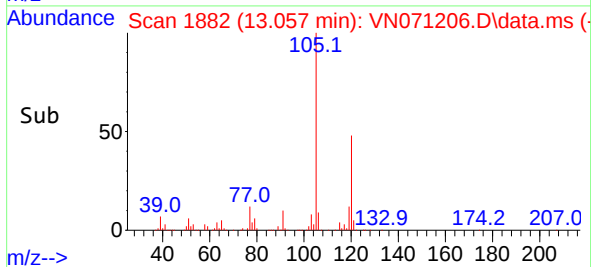
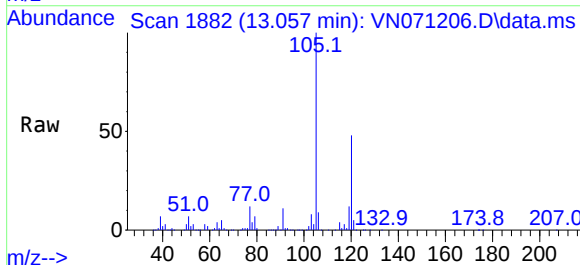
Manual Integrations
APPROVED

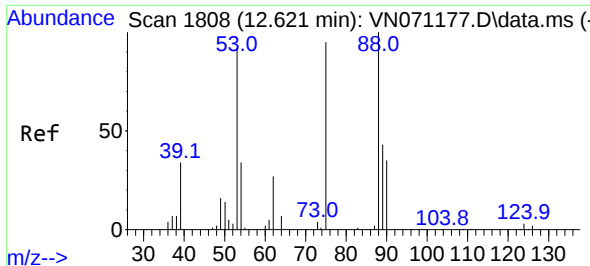
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.684 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

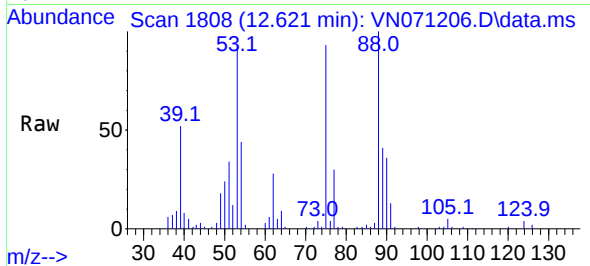
Tgt Ion:105 Resp: 511624
Ion Ratio Lower Upper
105 100
120 48.7 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 17.000 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

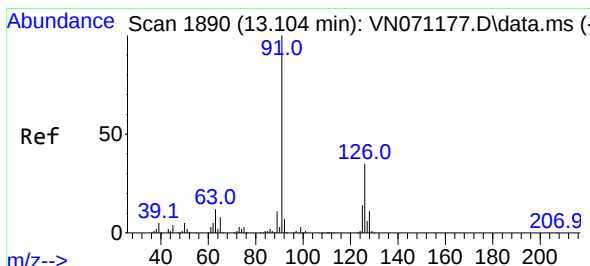
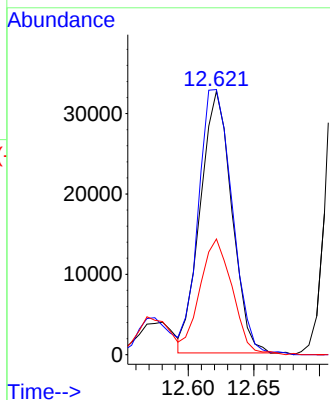
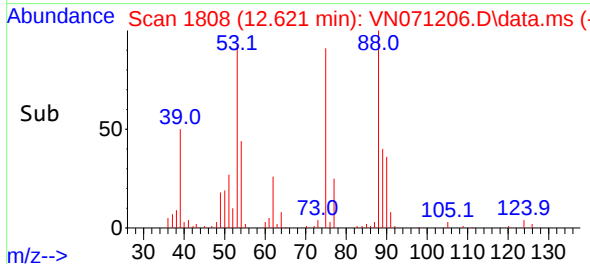
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



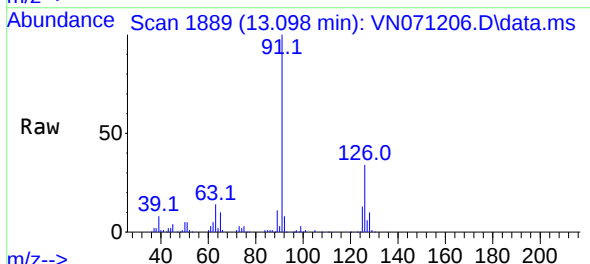
Tgt Ion: 75 Resp: 54504
Ion Ratio Lower Upper
75 100
53 108.6 90.5 135.7
89 45.9 38.2 57.4

Manual Integrations
APPROVED

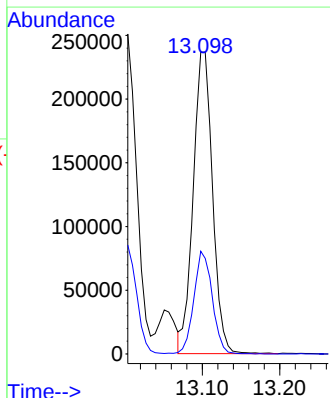
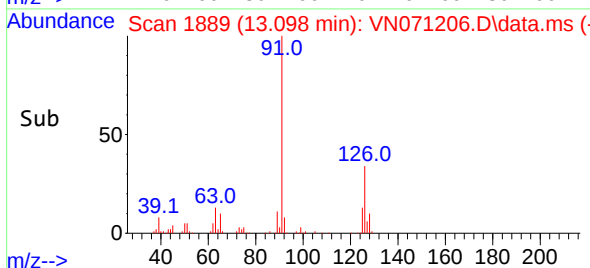
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

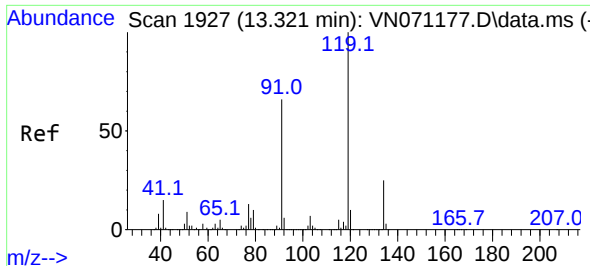


#82
4-Chlorotoluene
Concen: 20.022 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45



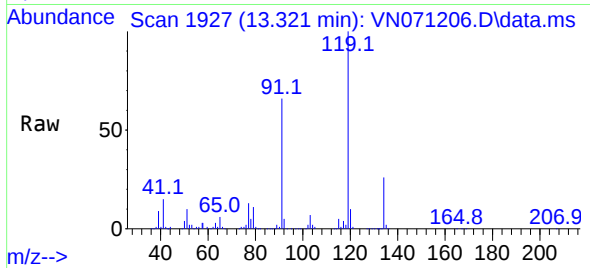
Tgt Ion: 91 Resp: 410415
Ion Ratio Lower Upper
91 100
126 32.5 18.2 54.6





#83
tert-Butylbenzene
Concen: 19.641 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

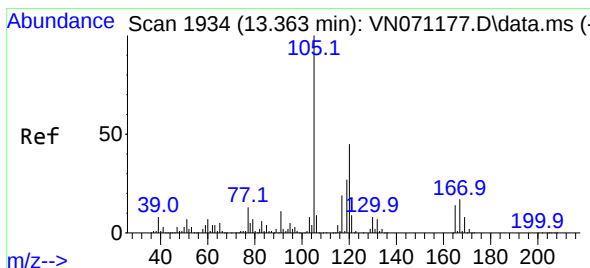
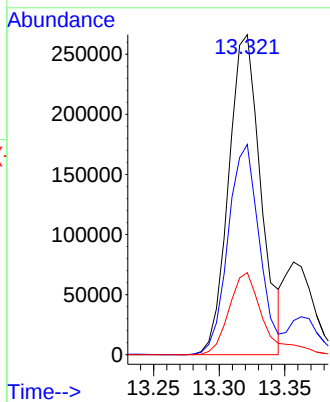
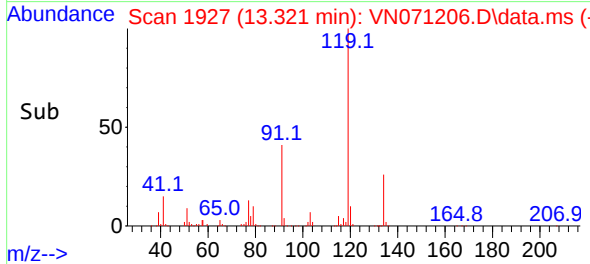
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



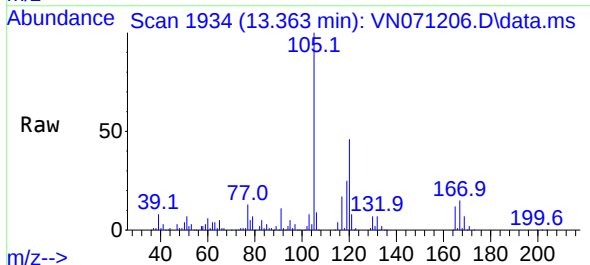
Tgt Ion:119 Resp: 455597
Ion Ratio Lower Upper
119 100
91 63.5 31.5 94.5
134 27.2 12.4 37.4

Manual Integrations
APPROVED

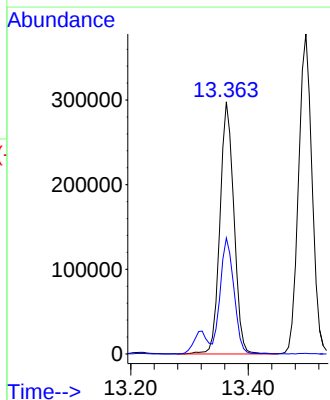
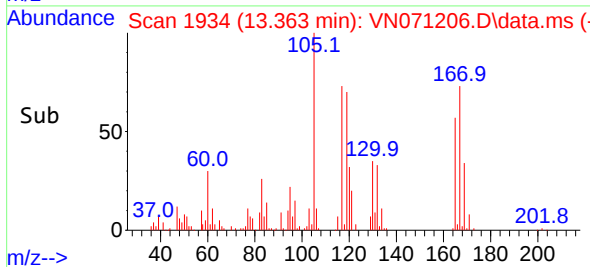
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

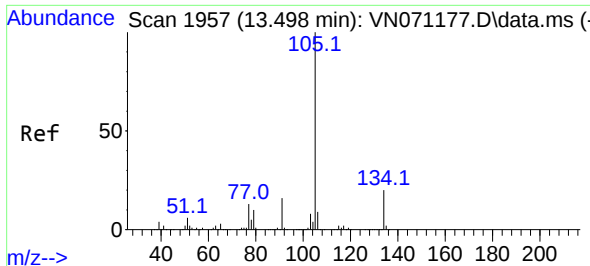


#84
1,2,4-Trimethylbenzene
Concen: 19.719 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45



Tgt Ion:105 Resp: 490948
Ion Ratio Lower Upper
105 100
120 44.8 22.8 68.4





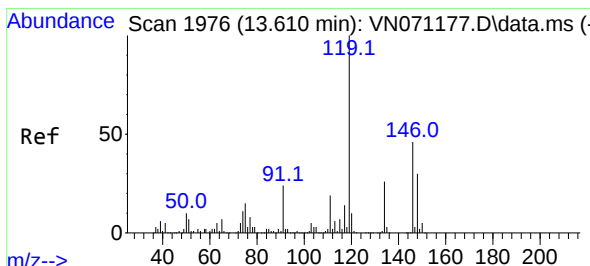
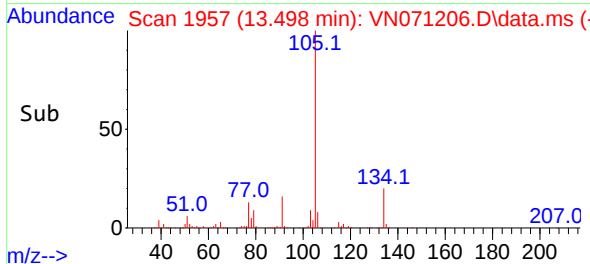
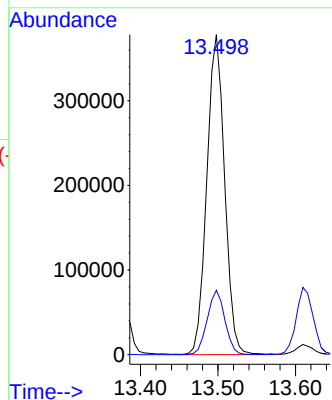
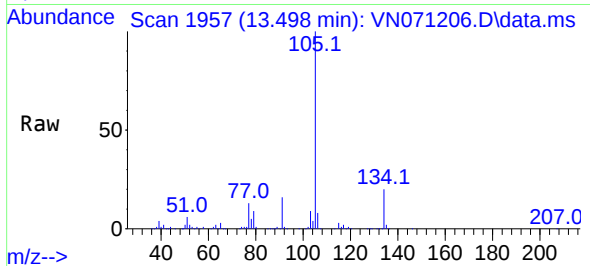
#85
 sec-Butylbenzene
 Concen: 19.533 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN071206.D
 Acq: 09 Mar 2022 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBS02

Tgt Ion:105 Resp: 602239
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.4 31.1

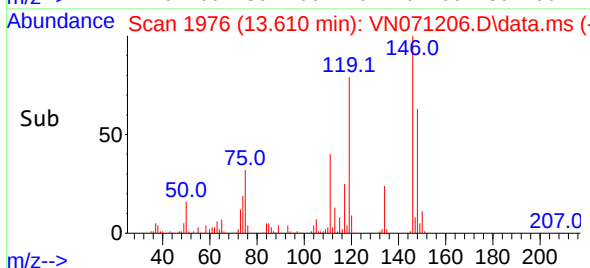
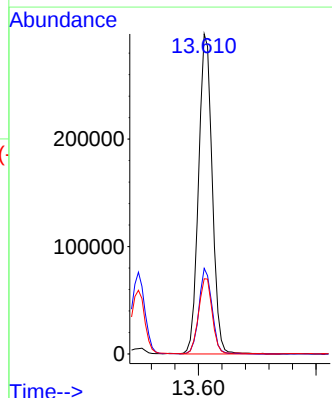
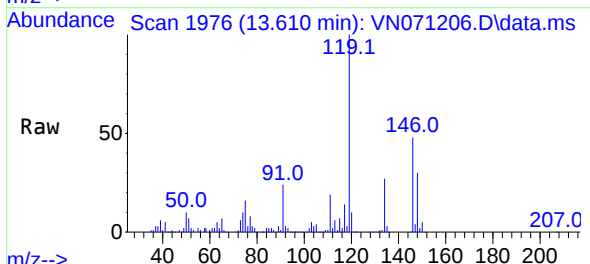
Manual Integrations
 APPROVED

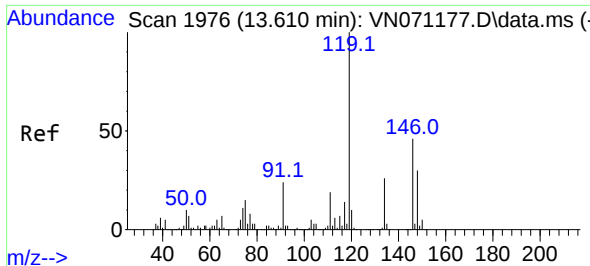
Reviewed By :John Carlone 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#86
 p-Isopropyltoluene
 Concen: 19.786 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071206.D
 Acq: 09 Mar 2022 13:45

Tgt Ion:119 Resp: 479764
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.6 40.7
 91 23.3 11.4 34.1





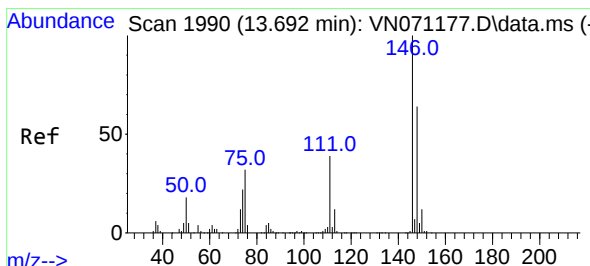
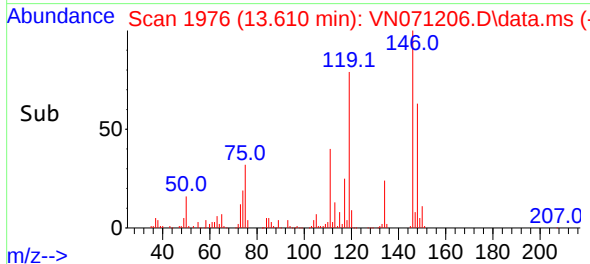
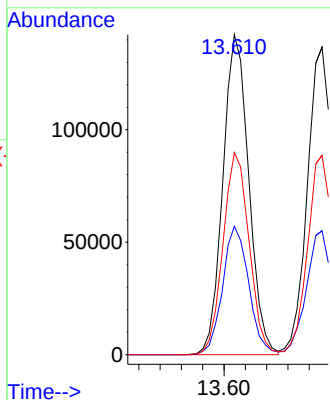
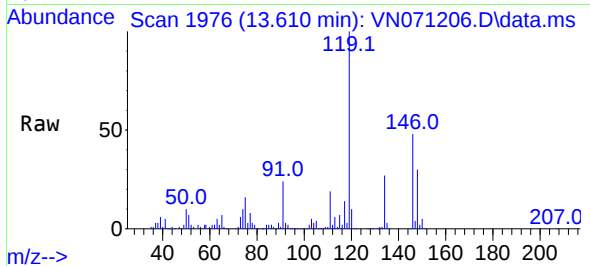
#87
1,3-Dichlorobenzene
Concen: 18.982 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02

Tgt Ion:146 Resp: 24028
Ion Ratio Lower Upper
146 100
111 40.5 18.6 55.6
148 63.8 31.6 95.0

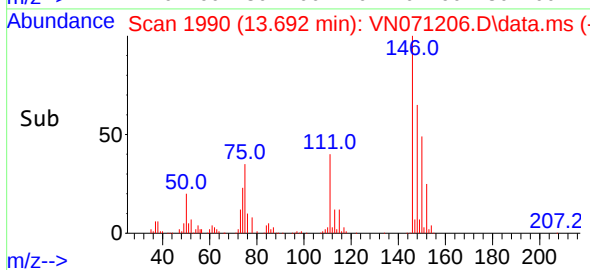
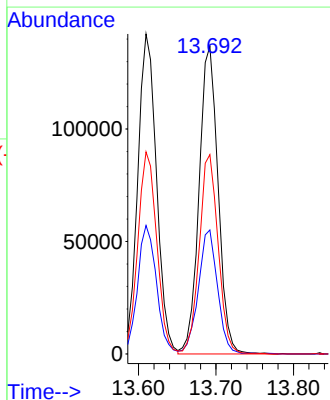
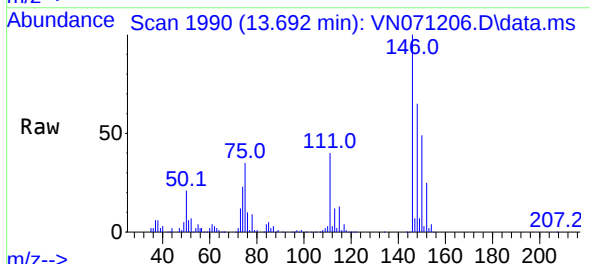
Manual Integrations
APPROVED

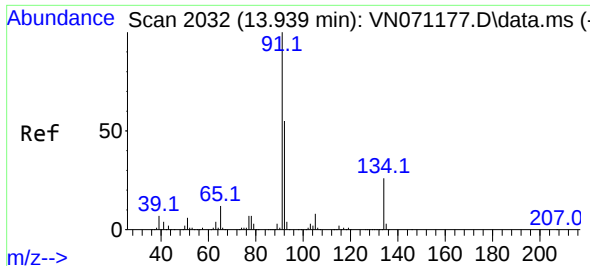
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#88
1,4-Dichlorobenzene
Concen: 18.841 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

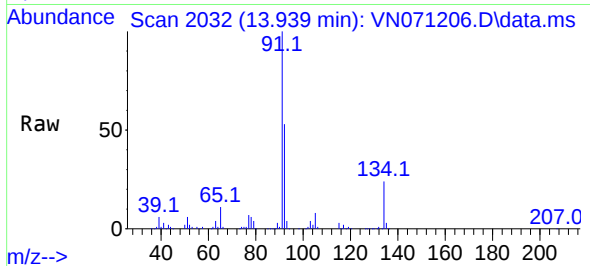
Tgt Ion:146 Resp: 233136
Ion Ratio Lower Upper
146 100
111 41.0 18.3 54.8
148 64.5 31.8 95.4





#89
n-Butylbenzene
Concen: 18.326 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

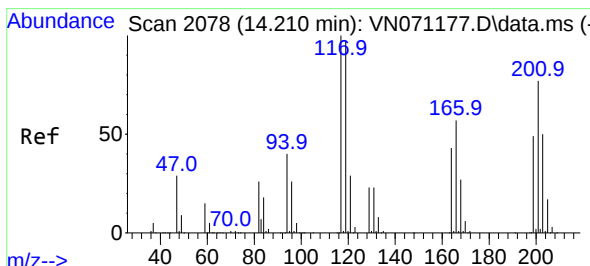
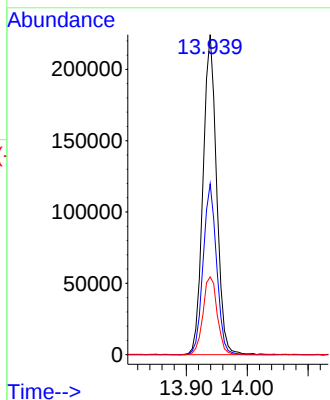
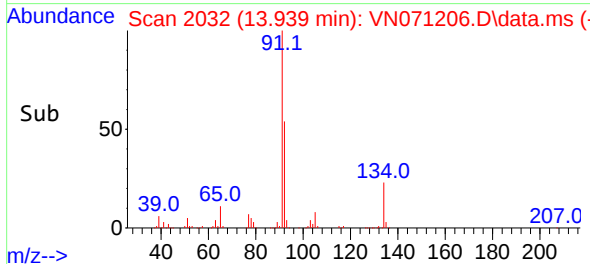
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



Tgt Ion: 91 Resp: 347540
Ion Ratio Lower Upper
91 100
92 52.8 25.4 76.0
134 25.5 13.6 40.8

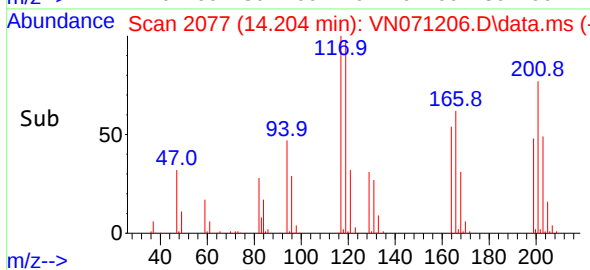
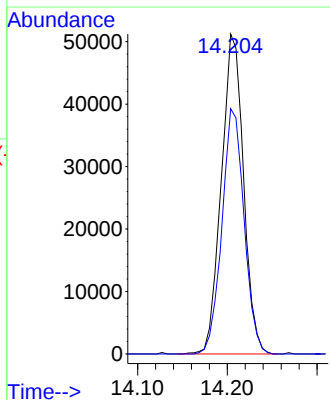
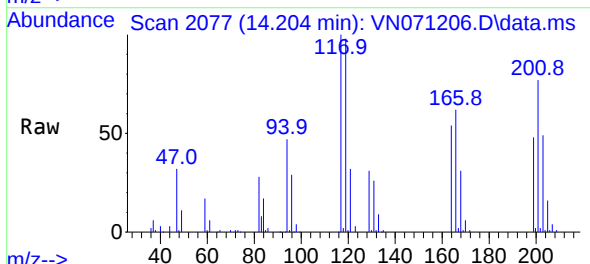
Manual Integrations
APPROVED

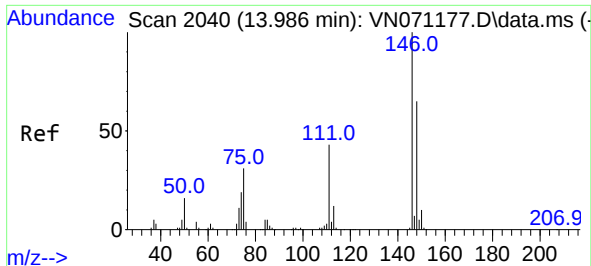
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#90
Hexachloroethane
Concen: 18.221 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.006 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

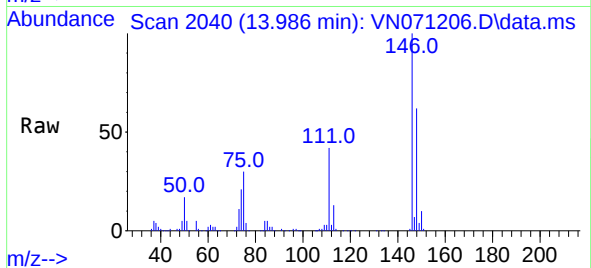
Tgt Ion:117 Resp: 87860
Ion Ratio Lower Upper
117 100
201 76.5 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 19.237 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

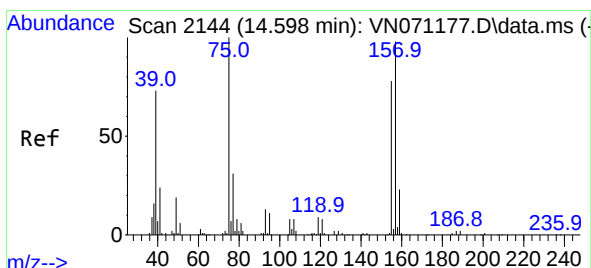
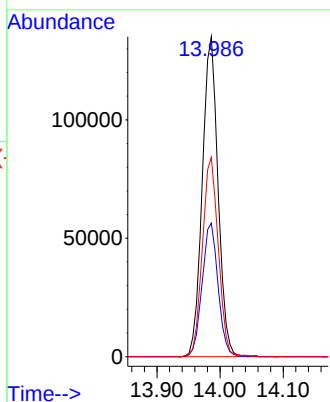
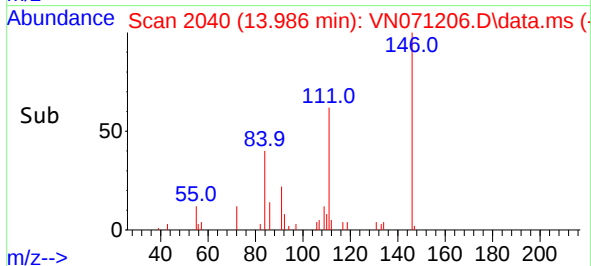
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



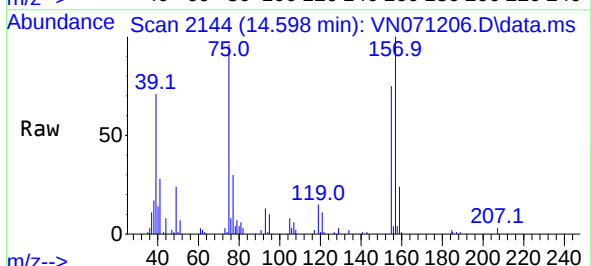
Tgt Ion:146 Resp: 234109
Ion Ratio Lower Upper
146 100
111 42.2 19.1 57.3
148 62.8 32.1 96.3

Manual Integrations
APPROVED

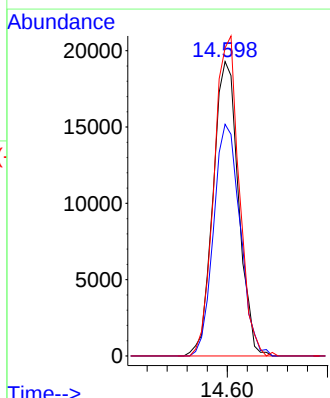
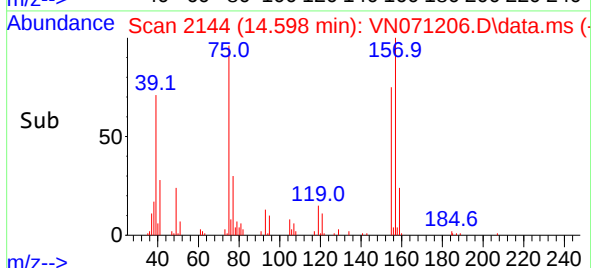
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

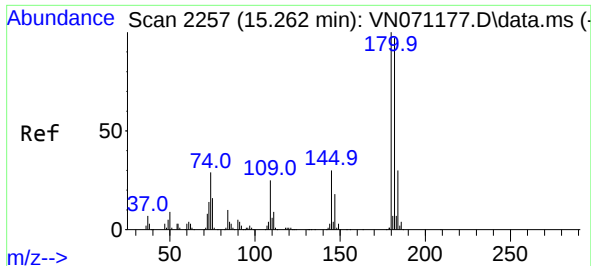


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.411 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45



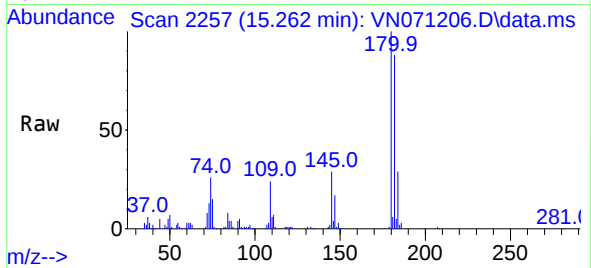
Tgt Ion: 75 Resp: 33845
Ion Ratio Lower Upper
75 100
155 82.3 46.9 140.7
157 107.1 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 20.428 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

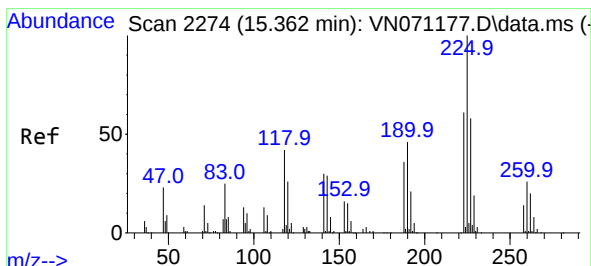
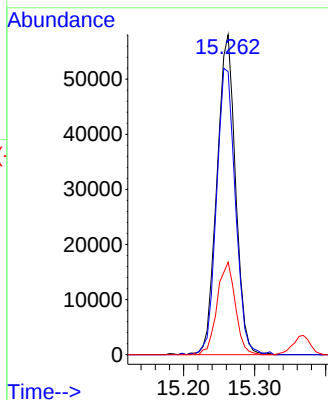
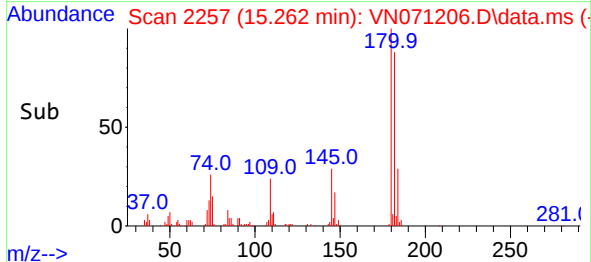
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



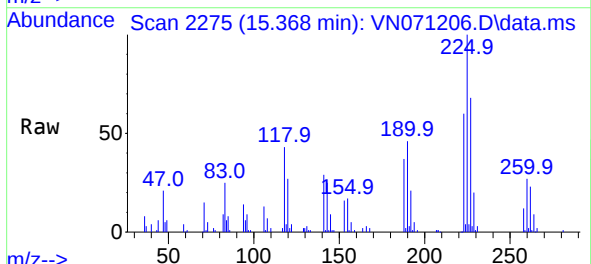
Tgt Ion:180 Resp: 105340
Ion Ratio Lower Upper
180 100
182 90.7 48.3 144.9
145 28.3 14.5 43.5

Manual Integrations
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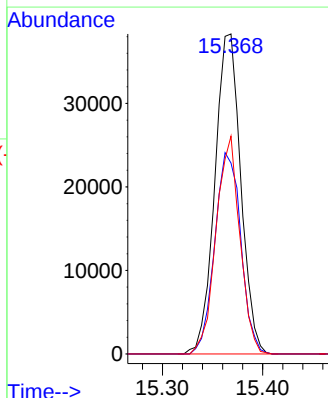
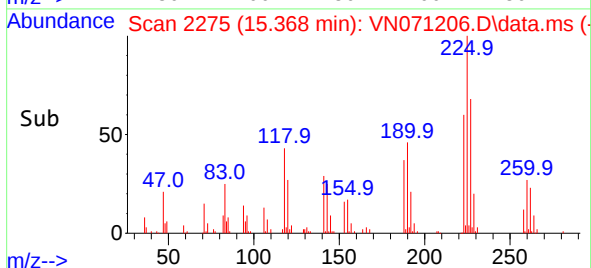
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022

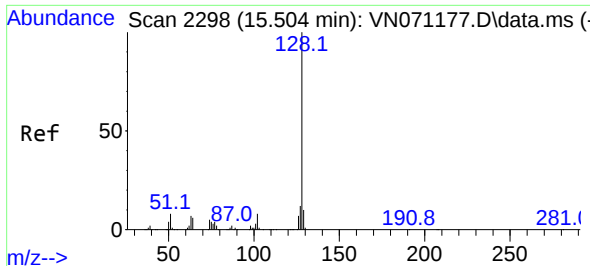


#94
Hexachlorobutadiene
Concen: 20.151 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45



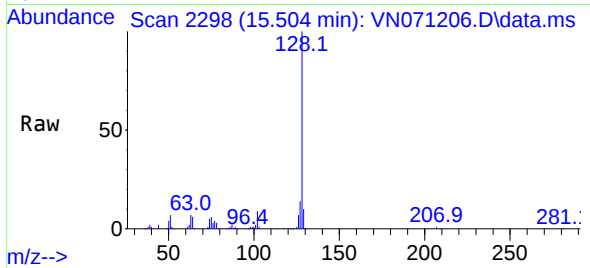
Tgt Ion:225 Resp: 68843
Ion Ratio Lower Upper
225 100
223 63.2 31.9 95.7
227 62.4 32.1 96.3





#95
Naphthalene
Concen: 18.058 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45

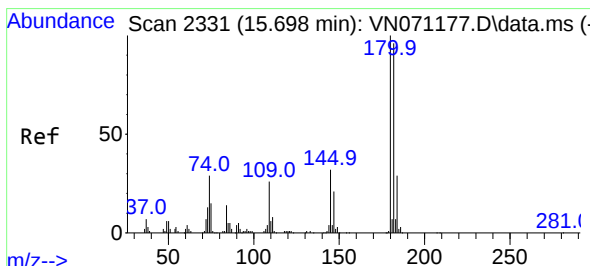
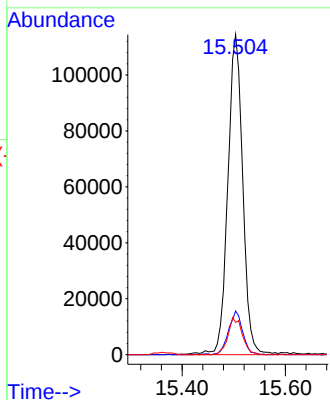
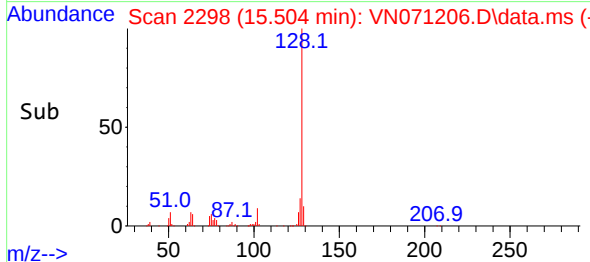
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS02



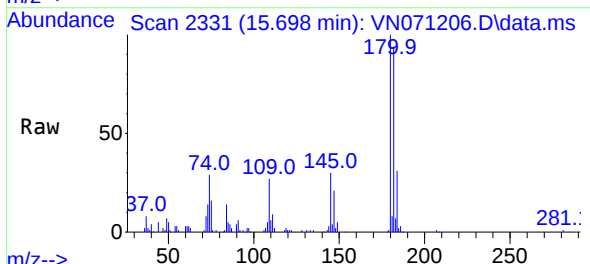
Tgt Ion:128 Resp: 229662
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.187 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071206.D
Acq: 09 Mar 2022 13:45



Tgt Ion:180 Resp: 94709
Ion Ratio Lower Upper
180 100
182 96.2 47.4 142.2
145 30.2 15.0 45.1

