

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071599.D
 Acq On : 28 Mar 2022 12:37
 Operator : JC\MD
 Sample : VN0328WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

Quant Time: Mar 29 04:37:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:52:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	650702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1033256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	935169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	386806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	392547	48.557	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.120%		
35) Dibromofluoromethane	8.016	113	321801	49.556	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.120%		
50) Toluene-d8	10.439	98	1260876	48.139	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.280%		
62) 4-Bromofluorobenzene	12.727	95	419785	48.913	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	121200	17.851	ug/l	95
3) Chloromethane	2.299	50	136767	16.750	ug/l	96
4) Vinyl Chloride	2.446	62	154307	16.852	ug/l	97
5) Bromomethane	2.846	94	104821	21.691	ug/l	93
6) Chloroethane	3.010	64	121250	19.756	ug/l	94
7) Trichlorofluoromethane	3.375	101	192552	18.220	ug/l	100
8) Diethyl Ether	3.822	74	84507	19.183	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.216	101	119216	18.829	ug/l	97
10) Methyl Iodide	4.422	142	171696	18.807	ug/l	100
11) Tert butyl alcohol	5.357	59	131874	87.536	ug/l	97
12) 1,1-Dichloroethene	4.181	96	112125	17.981	ug/l	97
13) Acrolein	4.045	56	97945	85.012	ug/l	100
14) Allyl chloride	4.840	41	180480	17.929	ug/l	99
15) Acrylonitrile	5.545	53	373204	91.118	ug/l	99
16) Acetone	4.281	43	328573	99.156	ug/l	96
17) Carbon Disulfide	4.534	76	259175	15.935	ug/l	99
18) Methyl Acetate	4.845	43	169715	18.767	ug/l	100
19) Methyl tert-butyl Ether	5.604	73	437484	19.616	ug/l	100
20) Methylene Chloride	5.092	84	139123	18.018	ug/l	97
21) trans-1,2-Dichloroethene	5.598	96	122180	18.054	ug/l	97
22) Diisopropyl ether	6.486	45	410302	19.661	ug/l	96
23) Vinyl Acetate	6.428	43	1751356	97.752	ug/l	99
24) 1,1-Dichloroethane	6.381	63	235961	18.662	ug/l	98
25) 2-Butanone	7.328	43	486970	91.596	ug/l	100
26) 2,2-Dichloropropane	7.322	77	202305	19.124	ug/l	100
27) cis-1,2-Dichloroethene	7.322	96	153374	19.008	ug/l	97
28) Bromochloromethane	7.657	49	75281	14.571	ug/l	98
29) Tetrahydrofuran	7.681	42	317793	89.896	ug/l	99
30) Chloroform	7.816	83	247409	19.519	ug/l	99
31) Cyclohexane	8.092	56	211051	18.244	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	207749	18.816	ug/l	99
36) 1,1-Dichloropropene	8.216	75	174756	18.665	ug/l	100
37) Ethyl Acetate	7.404	43	195761	19.182	ug/l	99
38) Carbon Tetrachloride	8.204	117	171824	18.827	ug/l	100
39) Methylcyclohexane	9.457	83	218734	19.043	ug/l	99
40) Benzene	8.457	78	562794	19.310	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	106241	21.927	ug/l #	87
42) 1,2-Dichloroethane	8.522	62	200554	19.729	ug/l	99
43) Isopropyl Acetate	8.551	43	328101	19.866	ug/l	97
44) Trichloroethene	9.210	130	146407	19.353	ug/l	99
45) 1,2-Dichloropropane	9.486	63	138333	19.161	ug/l	100
46) Dibromomethane	9.575	93	95806	19.498	ug/l	98
47) Bromodichloromethane	9.757	83	192536	19.991	ug/l	98
48) Methyl methacrylate	9.551	41	146232	19.848	ug/l	98
49) 1,4-Dioxane	9.563	88	63290	372.286	ug/l	99
51) 4-Methyl-2-Pentanone	10.327	43	960547	94.013	ug/l	100
52) Toluene	10.498	92	357351	19.590	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	206584	19.948	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	223110	19.537	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	147003	19.879	ug/l	99
56) Ethyl methacrylate	10.757	69	219655	19.705	ug/l	100
57) 1,3-Dichloropropane	11.039	76	247435	19.886	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	268934	89.394	ug/l	99
59) 2-Hexanone	11.080	43	686847	93.251	ug/l	99
60) Dibromochloromethane	11.233	129	150157	20.132	ug/l	99
61) 1,2-Dibromoethane	11.339	107	149871	20.088	ug/l	100
64) Tetrachloroethene	10.969	164	125682	19.444	ug/l	98
65) Chlorobenzene	11.763	112	391405	19.727	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	142869	20.355	ug/l	99
67) Ethyl Benzene	11.839	91	671114	19.703	ug/l	99
68) m/p-Xylenes	11.945	106	518764	39.803	ug/l	100
69) o-Xylene	12.274	106	256244	19.790	ug/l	99
70) Styrene	12.286	104	407040	20.162	ug/l	100
71) Bromoform	12.451	173	111547	20.206	ug/l #	99
73) Isopropylbenzene	12.574	105	657567	19.282	ug/l	100
74) N-amyl acetate	12.380	43	200161	18.261	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	220613	19.660	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	188896m	21.900	ug/l	
77) Bromobenzene	12.857	156	164482	19.354	ug/l	97
78) n-propylbenzene	12.915	91	692507	19.087	ug/l	99
79) 2-Chlorotoluene	13.004	91	441762	18.869	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	524257	19.475	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	62395	19.367	ug/l	99
82) 4-Chlorotoluene	13.098	91	411241	19.079	ug/l	99
83) tert-Butylbenzene	13.321	119	472832	19.458	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	517530	19.923	ug/l	100
85) sec-Butylbenzene	13.498	105	627396	19.478	ug/l	99
86) p-Isopropyltoluene	13.610	119	510837	19.895	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	268836	19.502	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	258526	18.975	ug/l	99
89) n-Butylbenzene	13.939	91	356943	18.152	ug/l	100
90) Hexachloroethane	14.204	117	91150	18.188	ug/l	97
91) 1,2-Dichlorobenzene	13.980	146	261856	19.816	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	36530	18.115	ug/l	96
93) 1,2,4-Trichlorobenzene	15.262	180	111804	18.259	ug/l	99
94) Hexachlorobutadiene	15.362	225	73893	19.955	ug/l	99
95) Naphthalene	15.504	128	286500	16.832	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	108356	17.835	ug/l	99

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ClientSampleId :
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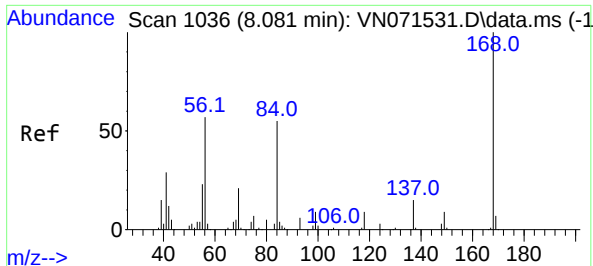
Manual Integrations
APPROVED

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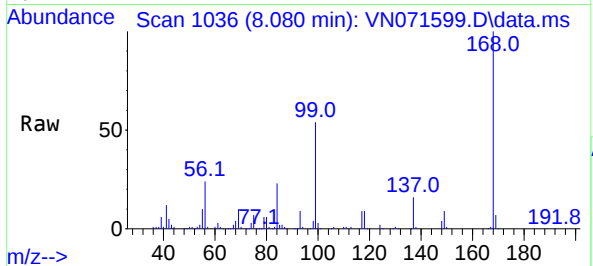
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.080 min Scan# 10
 Delta R.T. -0.001 min
 Lab File: VN071599.D
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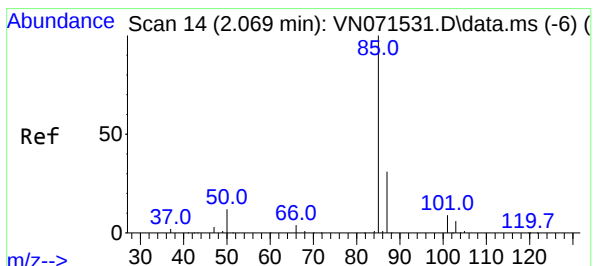
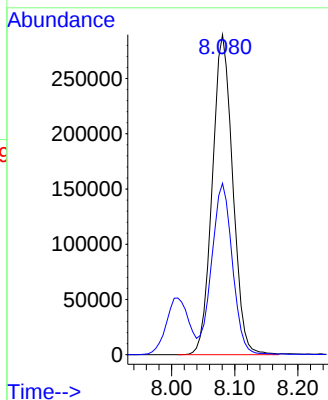
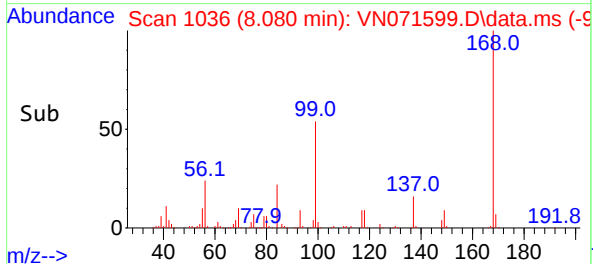
Instrument :
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 ClientSampleId :
 VN0328WBSD01



Tgt Ion:168 Resp: 65070
 Ion Ratio Lower Upper
 168 100
 99 53.4 42.3 63.5

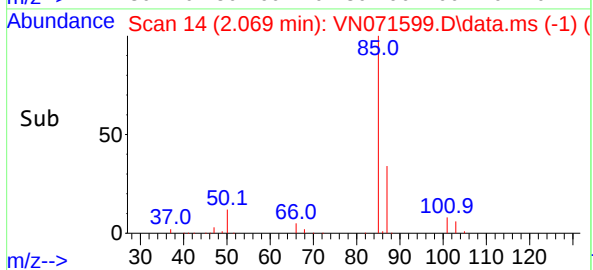
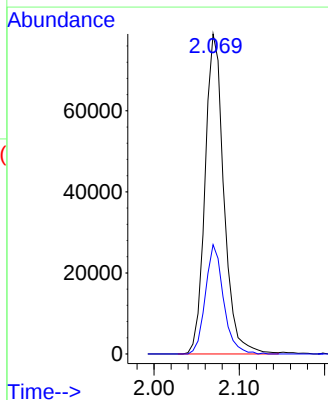
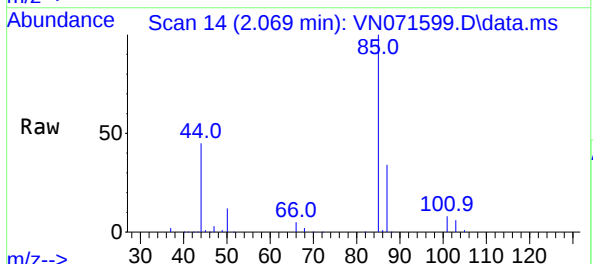
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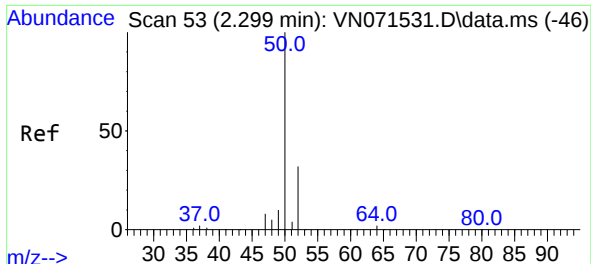
Reviewed By :John Carlone 03/29/2022
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Dichlorodifluoromethane
 Concen: 17.851 ug/l
 RT: 2.069 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VN071599.D
 Acq: 28 Mar 2022 12:37

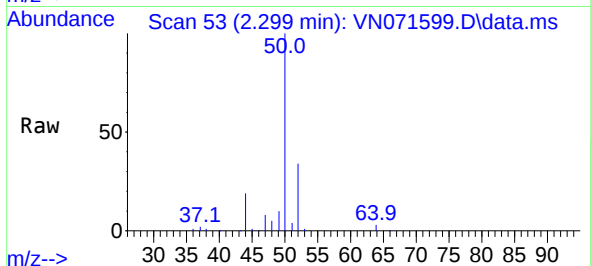
Tgt Ion: 85 Resp: 121200
 Ion Ratio Lower Upper
 85 100
 87 34.2 15.7 47.1





#3
Chloromethane
Concen: 16.750 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

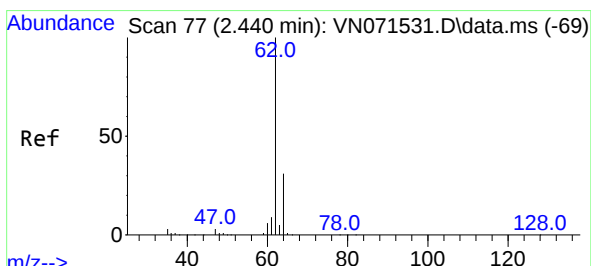
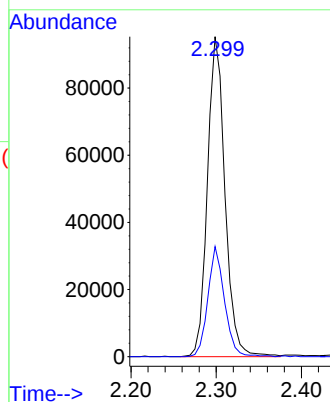
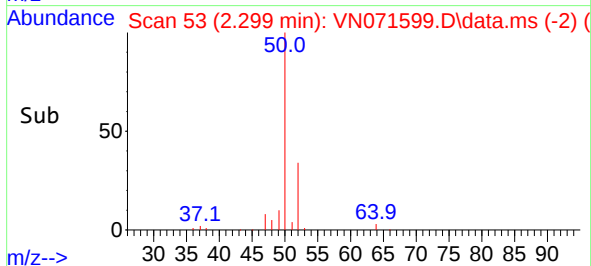
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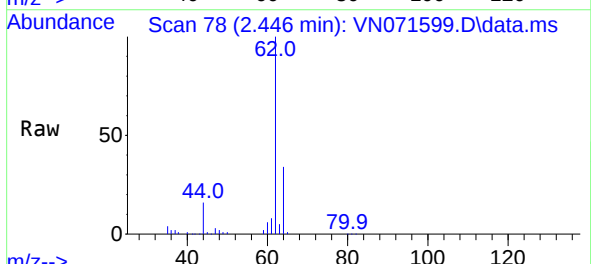
Tgt Ion: 50 Resp: 13676
Ion Ratio Lower Upper
50 100
52 34.4 25.7 38.5

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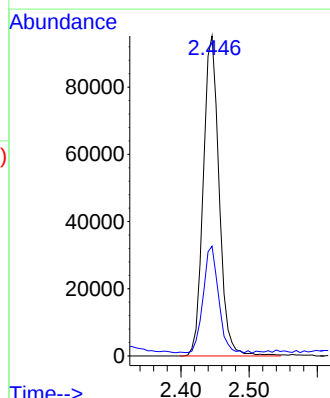
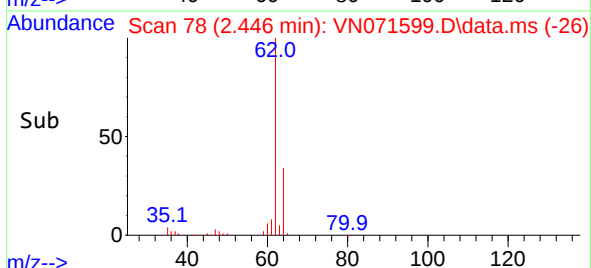
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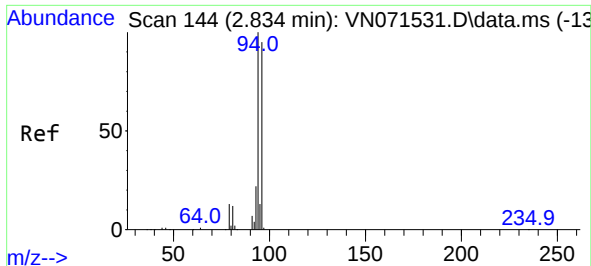


#4
Vinyl Chloride
Concen: 16.852 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.006 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37



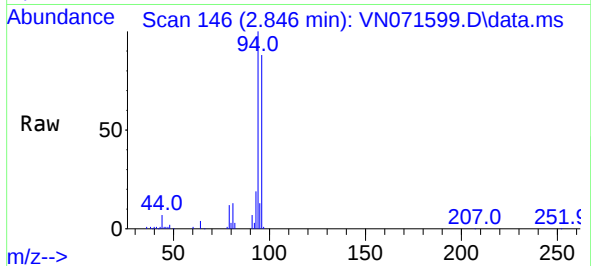
Tgt Ion: 62 Resp: 154307
Ion Ratio Lower Upper
62 100
64 33.1 25.0 37.4





#5
Bromomethane
Concen: 21.691 ug/l
RT: 2.846 min Scan# 144
Delta R.T. 0.012 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

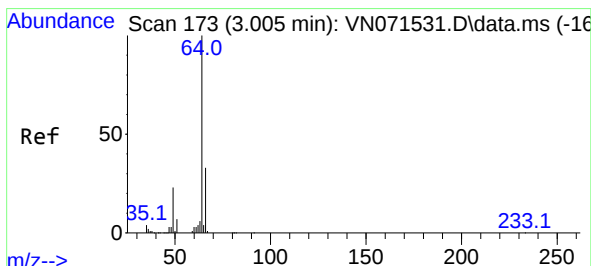
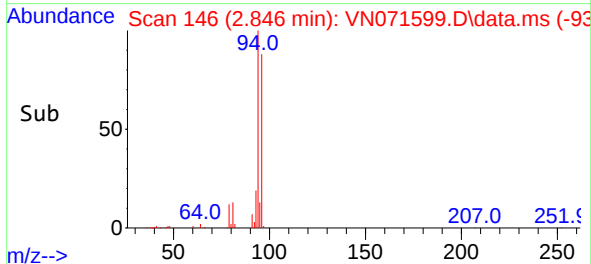
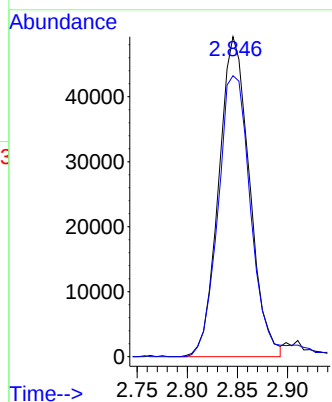
Instrument :
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Tgt Ion: 94 Resp: 10482
Ion Ratio Lower Upper
94 100
96 87.8 76.0 114.0

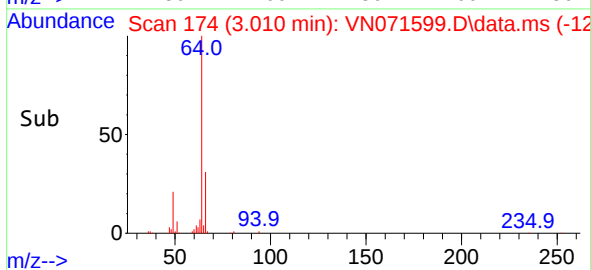
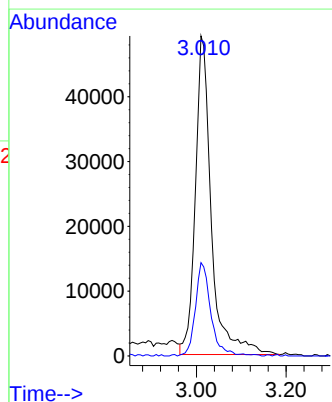
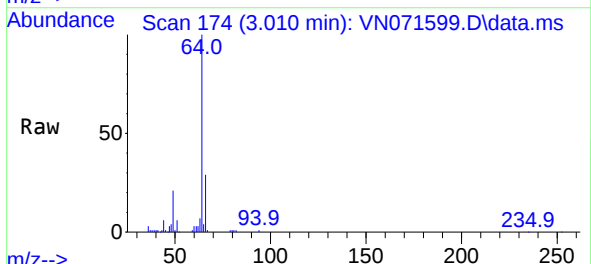
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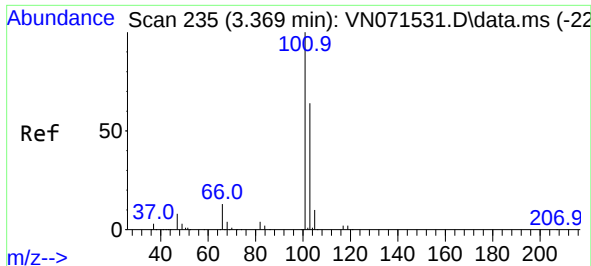
Reviewed By :John Carlone 03/29/2022
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#6
Chloroethane
Concen: 19.756 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.005 min
Lab File: VN071599.D
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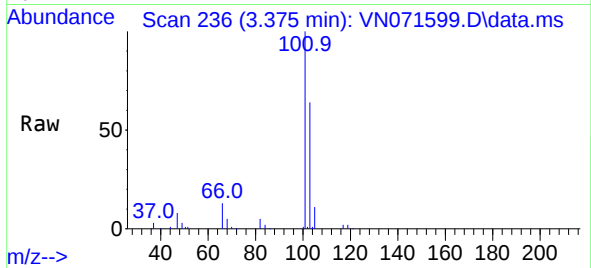
Tgt Ion: 64 Resp: 121250
Ion Ratio Lower Upper
64 100
66 29.3 26.2 39.4





#7
Trichlorofluoromethane
Concen: 18.220 ug/l
RT: 3.375 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071599.D
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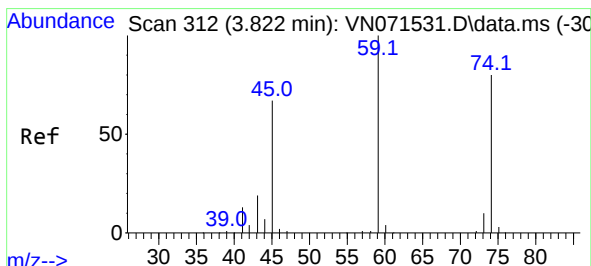
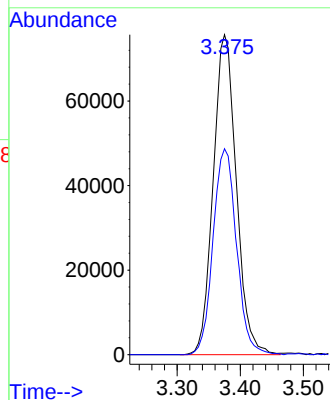
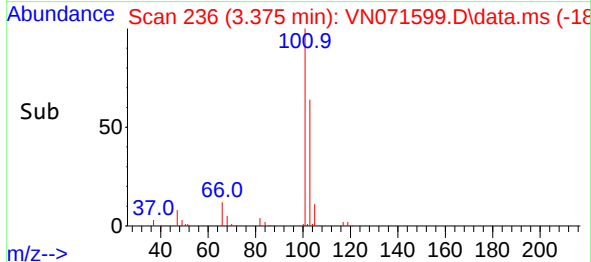
Instrument :
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Tgt Ion:101 Resp: 19255
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

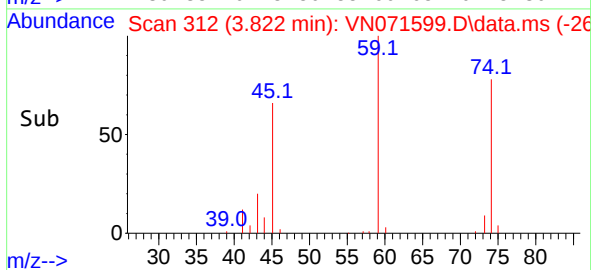
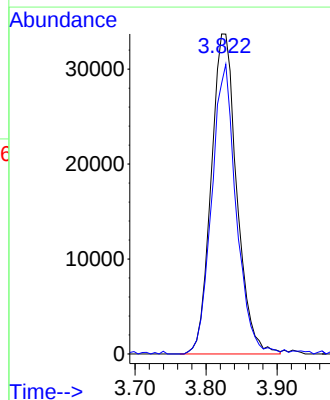
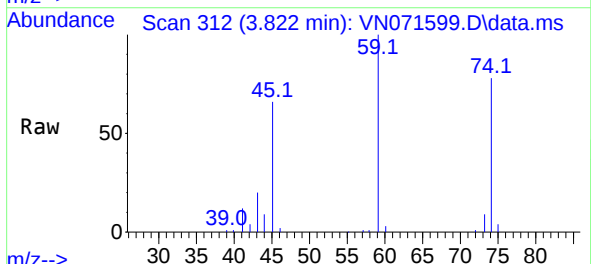
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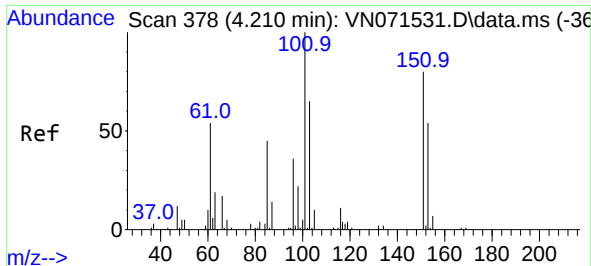
Reviewed By :John Carlone 03/29/2022
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#8
Diethyl Ether
Concen: 19.183 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 84507
Ion Ratio Lower Upper
74 100
45 86.3 42.9 128.5





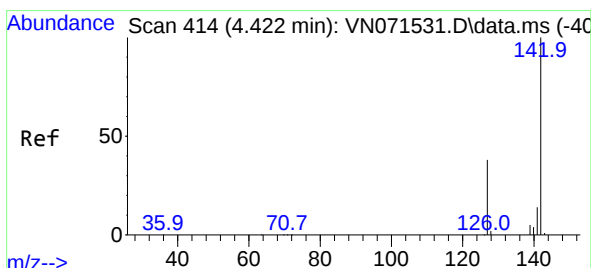
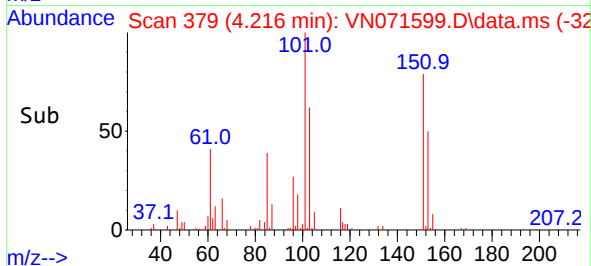
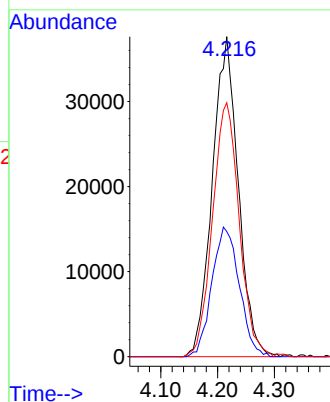
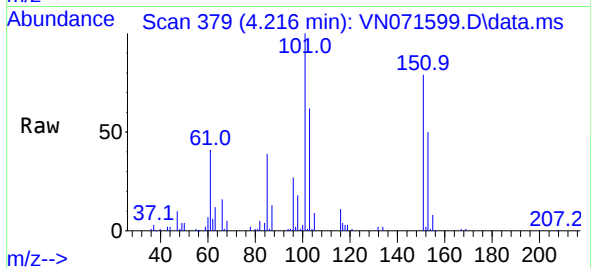
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.829 ug/l
RT: 4.216 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

Tgt Ion:101 Resp: 119210
Ion Ratio Lower Upper
101 100
85 42.8 34.7 52.1
151 81.7 63.0 94.4

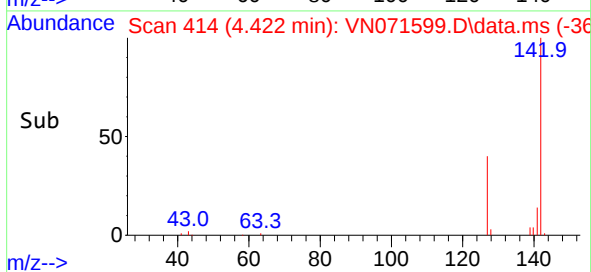
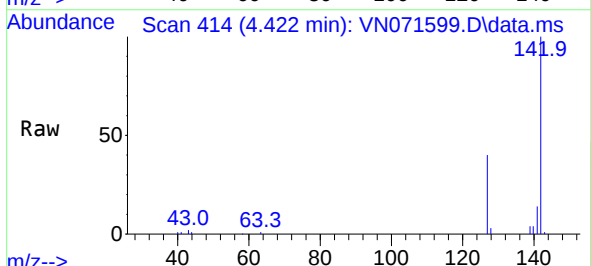
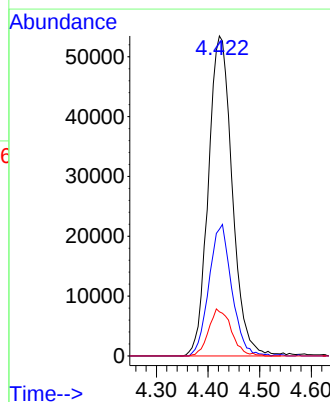
Manual Integrations
APPROVED

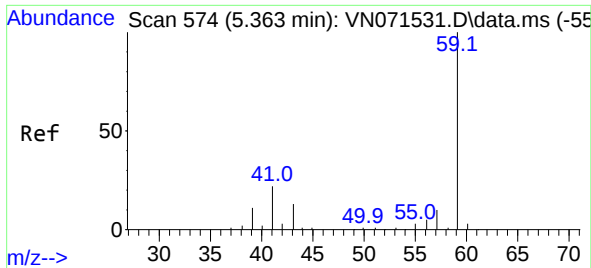
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#10
Methyl Iodide
Concen: 18.807 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

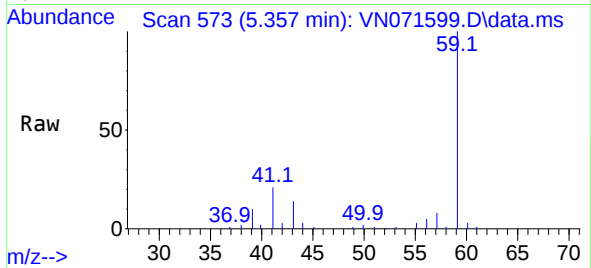
Tgt Ion:142 Resp: 171696
Ion Ratio Lower Upper
142 100
127 39.2 31.3 46.9
141 14.0 11.2 16.8





#11
Tert butyl alcohol
Concen: 87.536 ug/l
RT: 5.357 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

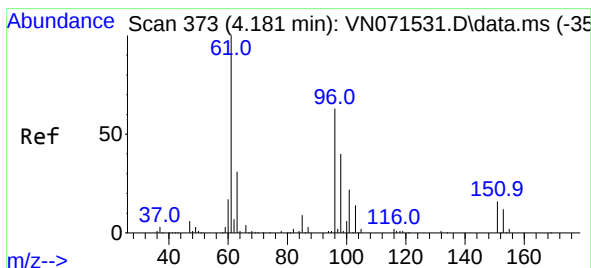
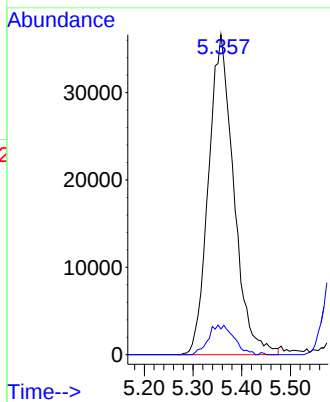
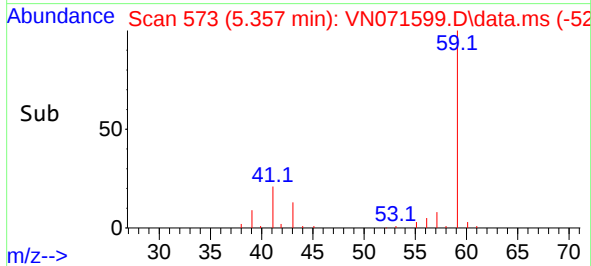
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



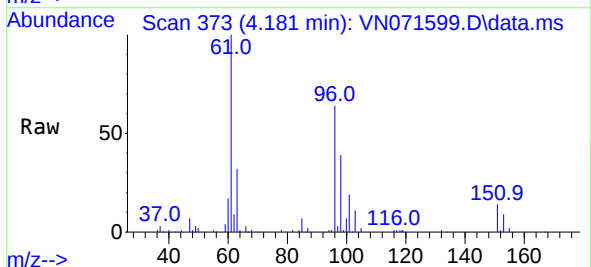
Tgt Ion: 59 Resp: 131874
Ion Ratio Lower Upper
59 100
57 9.4 8.3 12.5

Manual Integrations
APPROVED

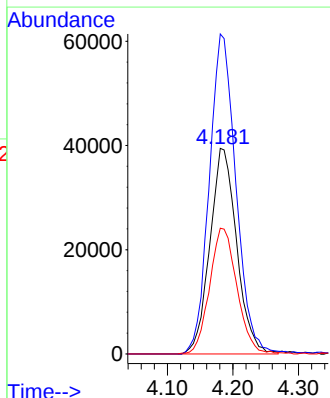
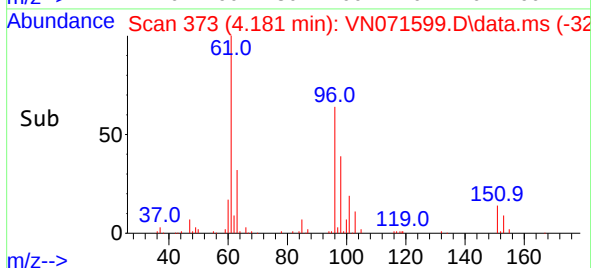
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

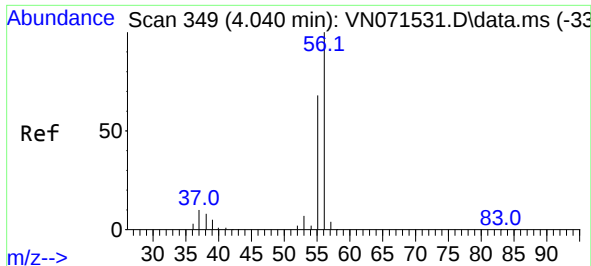


#12
1,1-Dichloroethene
Concen: 17.981 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37



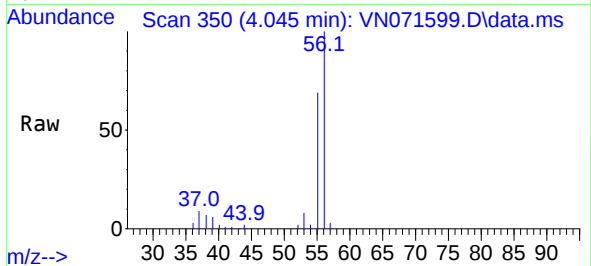
Tgt Ion: 96 Resp: 112125
Ion Ratio Lower Upper
96 100
61 155.7 127.6 191.4
98 61.2 51.2 76.8





#13
Acrolein
Concen: 85.012 ug/l
RT: 4.045 min Scan# 349
Delta R.T. 0.005 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

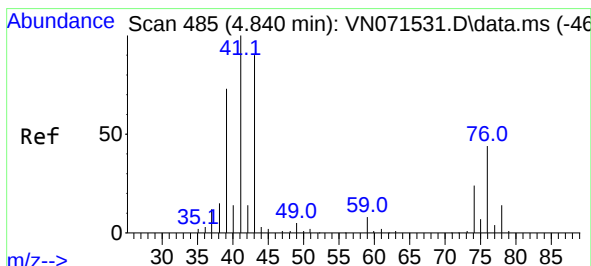
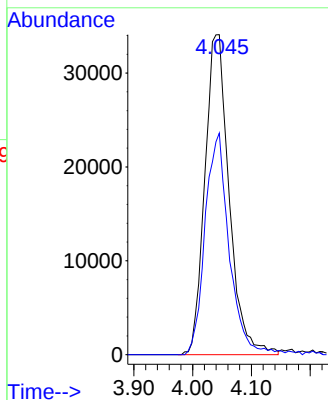
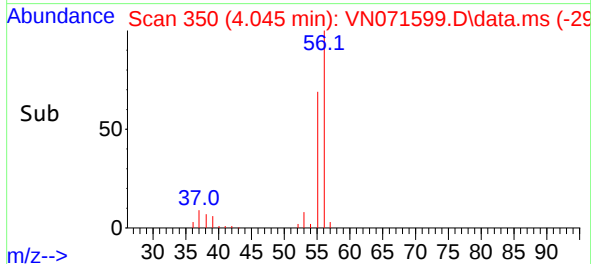
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



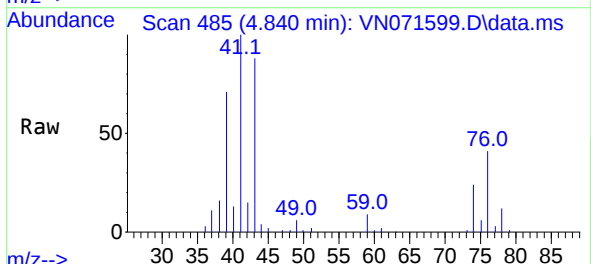
Tgt Ion: 56 Resp: 97945
Ion Ratio Lower Upper
56 100
55 68.6 54.8 82.2

Manual Integrations
APPROVED

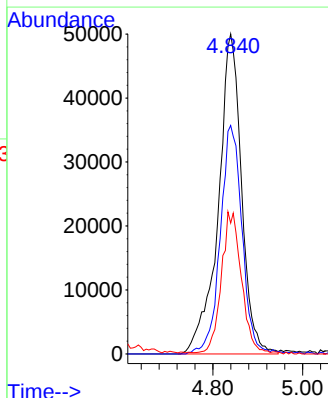
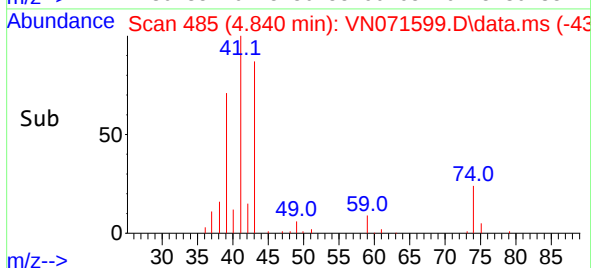
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

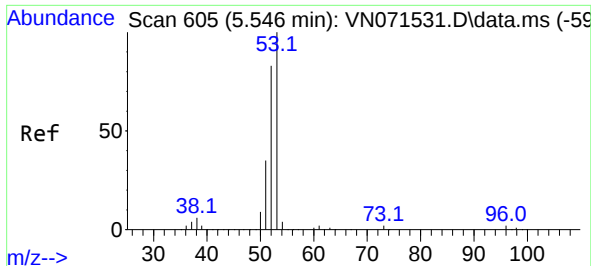


#14
Allyl chloride
Concen: 17.929 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37



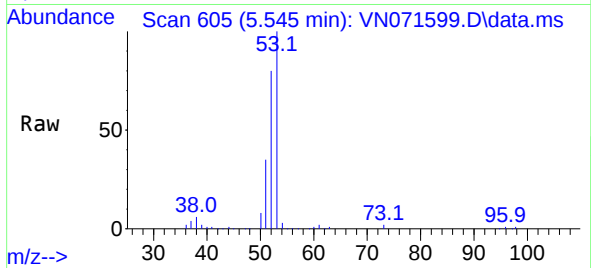
Tgt Ion: 41 Resp: 180480
Ion Ratio Lower Upper
41 100
39 67.1 53.2 79.8
76 38.7 29.9 44.9





#15
Acrylonitrile
Concen: 91.118 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.001 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

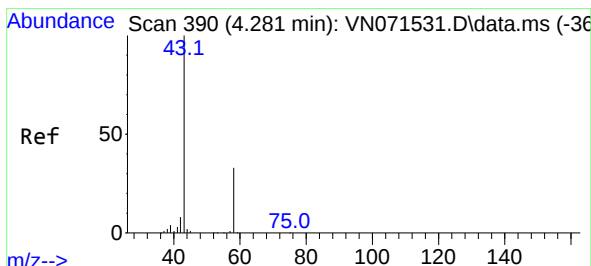
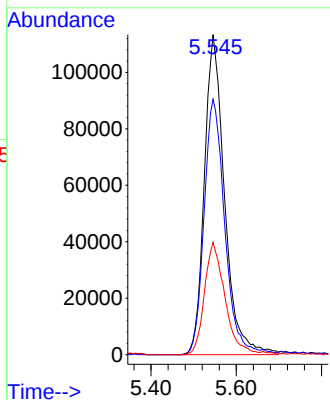
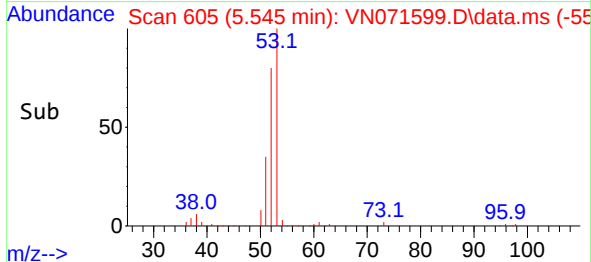
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



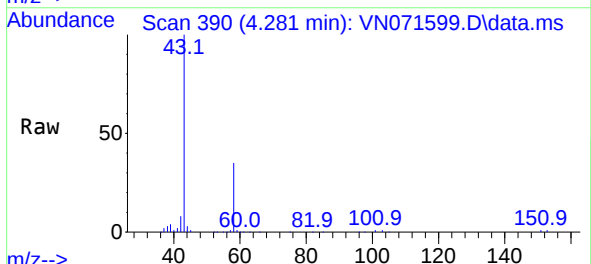
Tgt Ion: 53 Resp: 373204
Ion Ratio Lower Upper
53 100
52 82.0 66.4 99.6
51 35.5 28.5 42.7

Manual Integrations
APPROVED

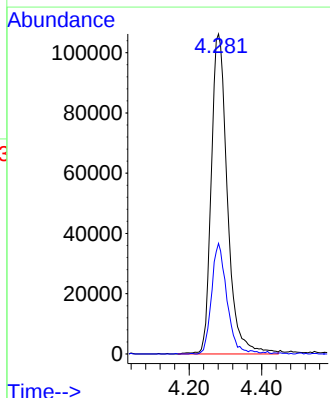
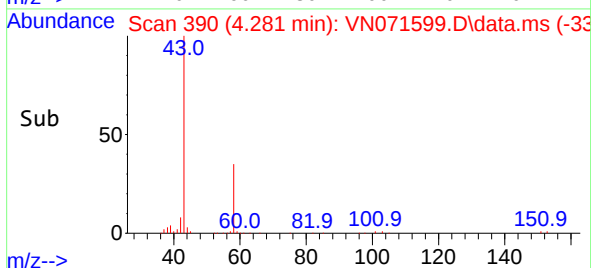
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

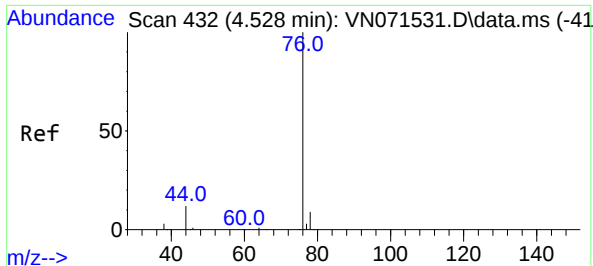


#16
Acetone
Concen: 99.156 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37



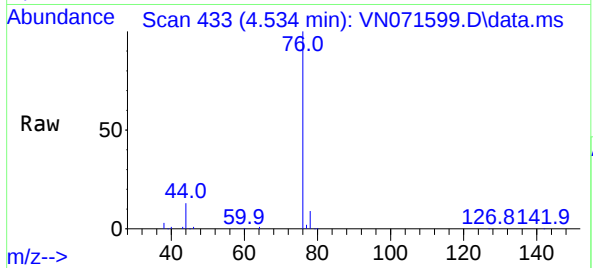
Tgt Ion: 43 Resp: 328573
Ion Ratio Lower Upper
43 100
58 34.6 26.0 39.0





#17
Carbon Disulfide
Concen: 15.935 ug/l
RT: 4.534 min Scan# 432
Delta R.T. 0.006 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

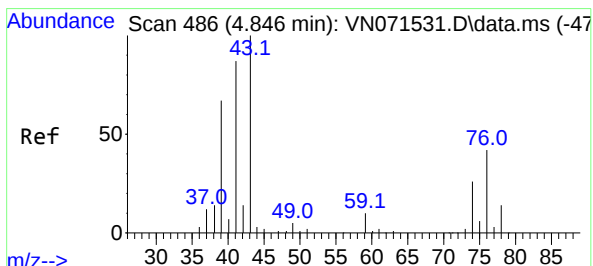
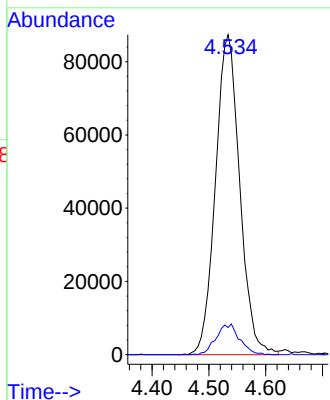
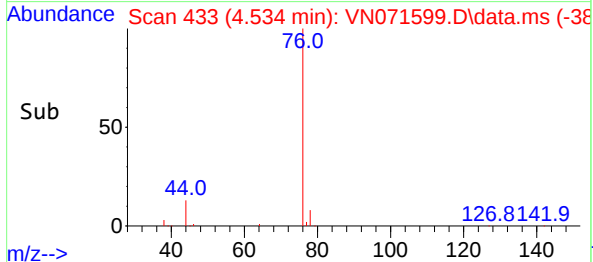
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



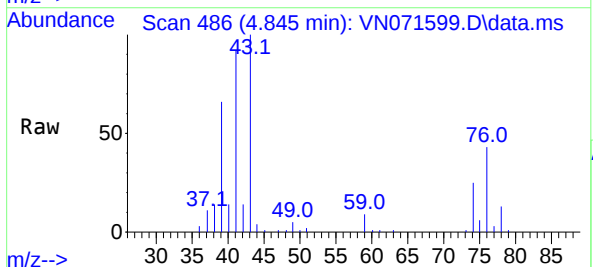
Tgt Ion: 76 Resp: 25917
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8

Manual Integrations
APPROVED

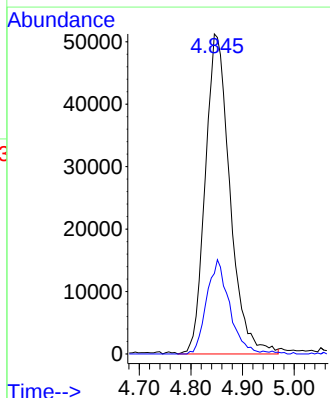
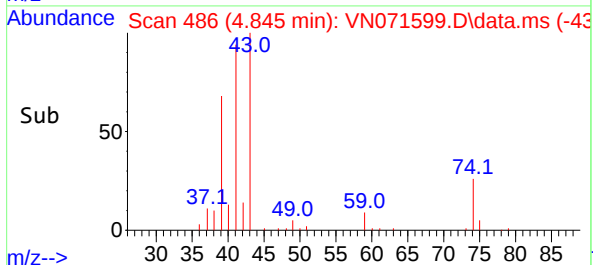
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

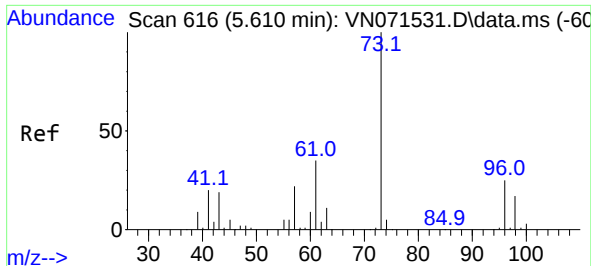


#18
Methyl Acetate
Concen: 18.767 ug/l
RT: 4.845 min Scan# 486
Delta R.T. -0.001 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37



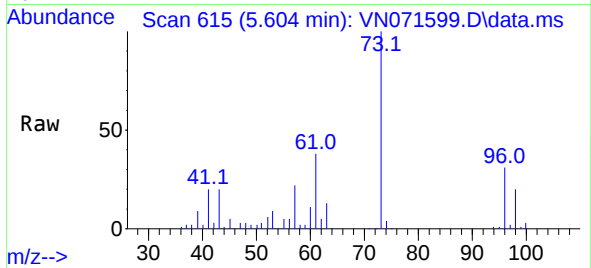
Tgt Ion: 43 Resp: 169715
Ion Ratio Lower Upper
43 100
74 27.1 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 19.616 ug/l
RT: 5.604 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

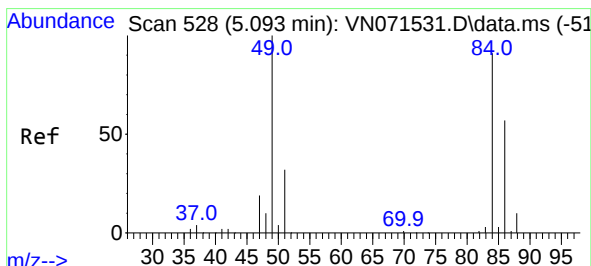
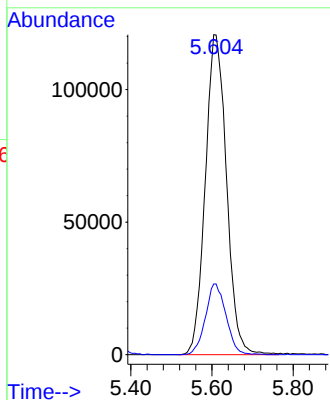
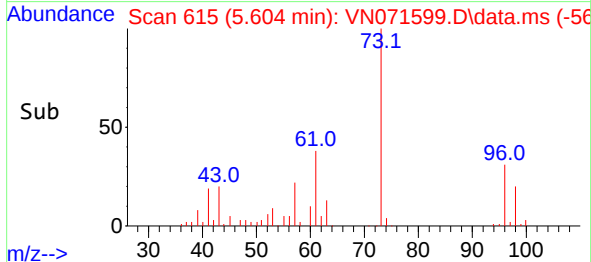
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



Tgt Ion: 73 Resp: 437484
Ion Ratio Lower Upper
73 100
57 22.1 17.6 26.4

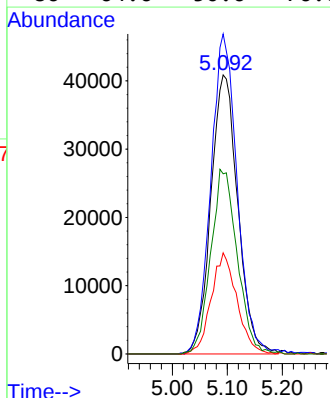
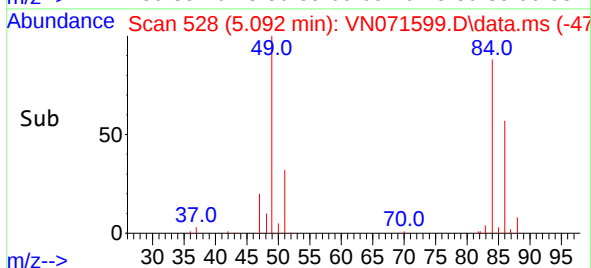
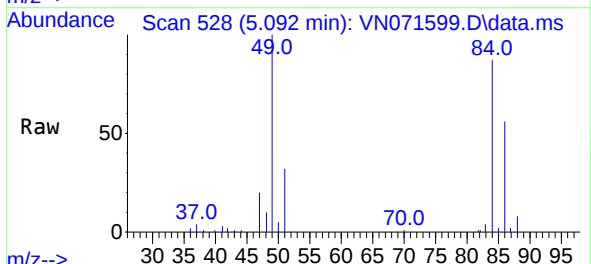
Manual Integrations
APPROVED

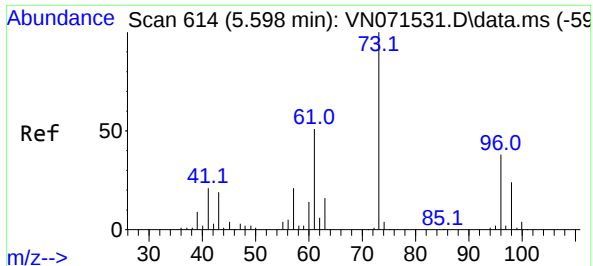
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#20
Methylene Chloride
Concen: 18.018 ug/l
RT: 5.092 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

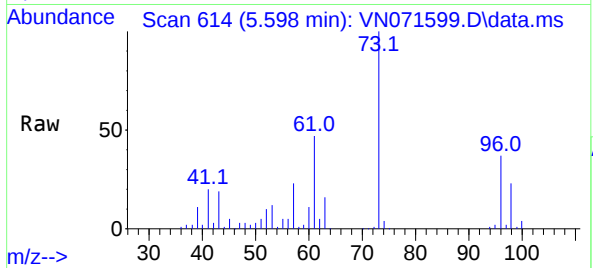
Tgt Ion: 84 Resp: 139123
Ion Ratio Lower Upper
84 100
49 114.7 88.3 132.5
51 36.3 28.2 42.2
86 64.6 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 18.054 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

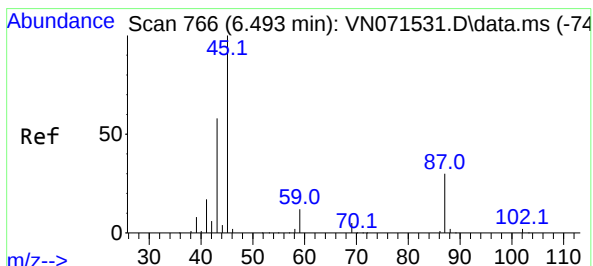
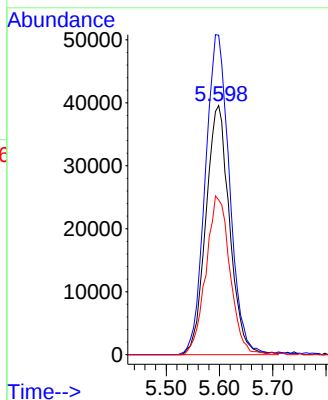
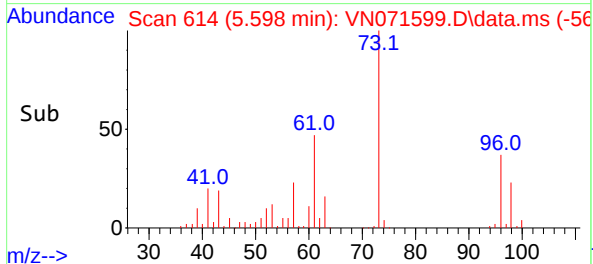
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



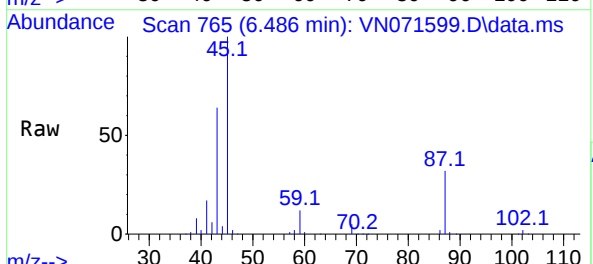
Tgt Ion: 96 Resp: 122180
Ion Ratio Lower Upper
96 100
61 128.2 105.8 158.8
98 62.1 50.3 75.5

Manual Integrations
APPROVED

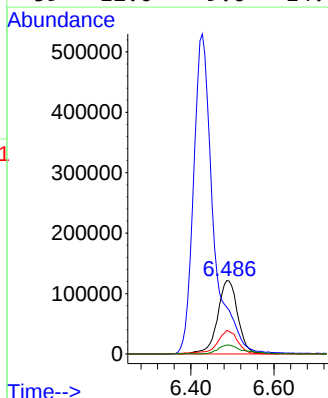
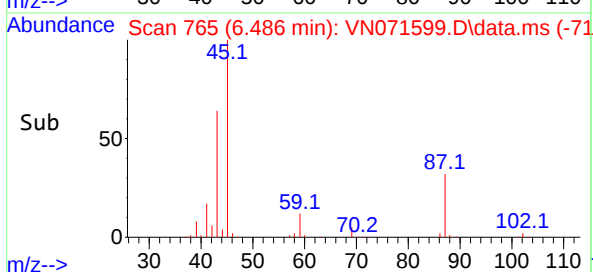
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

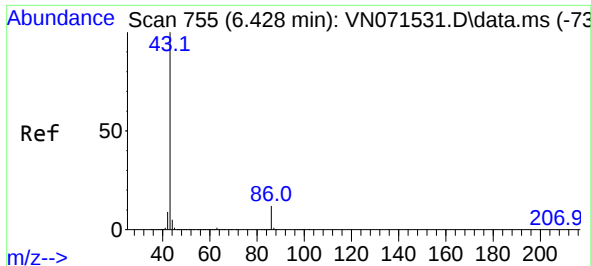


#22
Diisopropyl ether
Concen: 19.661 ug/l
RT: 6.486 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37



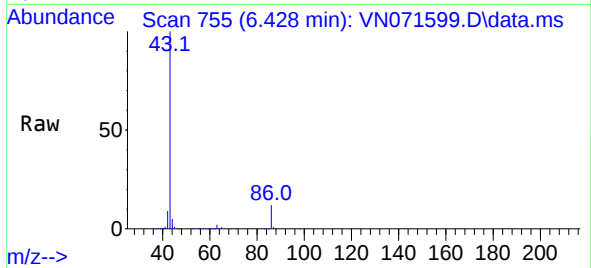
Tgt Ion: 45 Resp: 410302
Ion Ratio Lower Upper
45 100
43 61.8 46.6 70.0
87 32.2 24.3 36.5
59 12.0 9.6 14.4





#23
 Vinyl Acetate
 Concen: 97.752 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN071599.D
 Acq: 28 Mar 2022 12:37

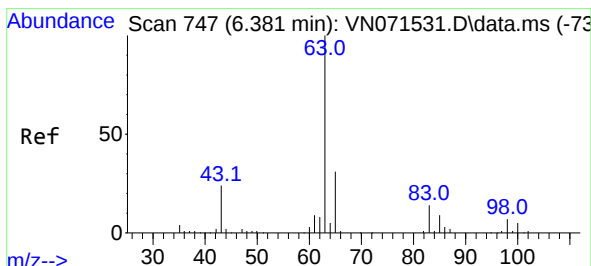
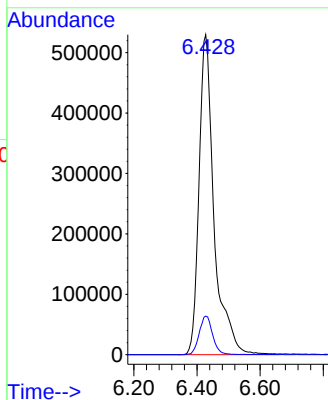
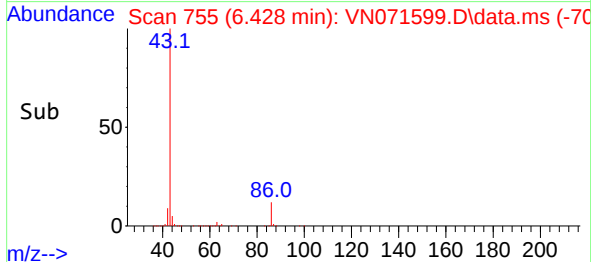
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBSD01



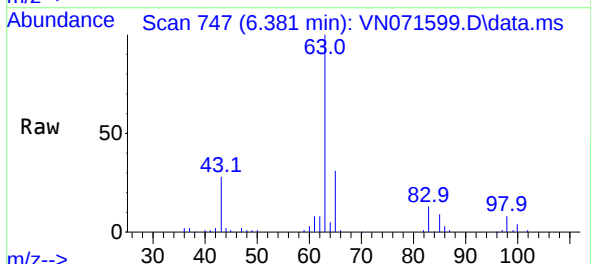
Tgt Ion: 43 Resp: 1751350
 Ion Ratio Lower Upper
 43 100
 86 12.0 10.0 15.0

Manual Integrations
 APPROVED

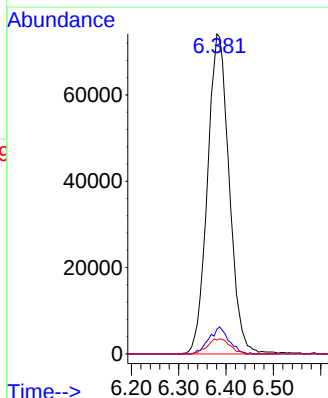
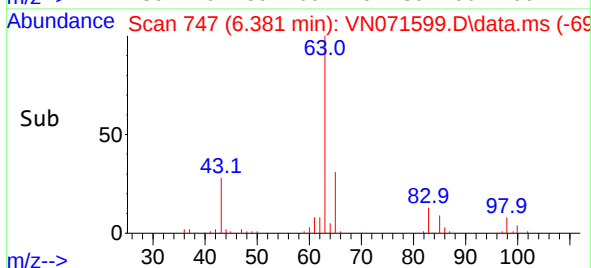
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022

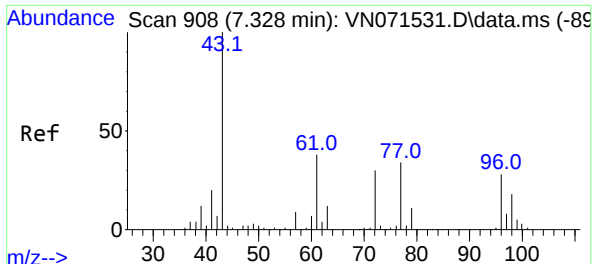


#24
 1,1-Dichloroethane
 Concen: 18.662 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.000 min
 Lab File: VN071599.D
 Acq: 28 Mar 2022 12:37



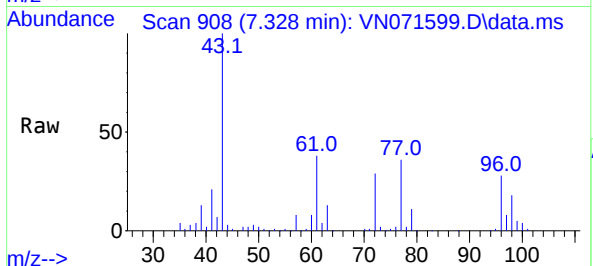
Tgt Ion: 63 Resp: 235961
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.4
 100 4.4 2.3 6.8





#25
2-Butanone
Concen: 91.596 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

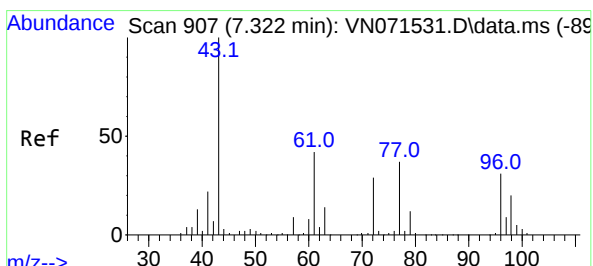
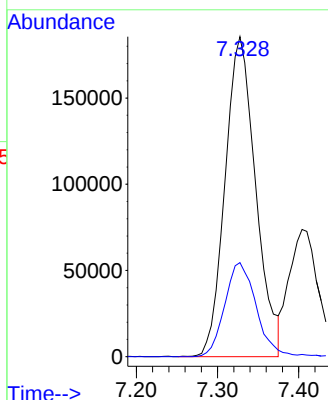
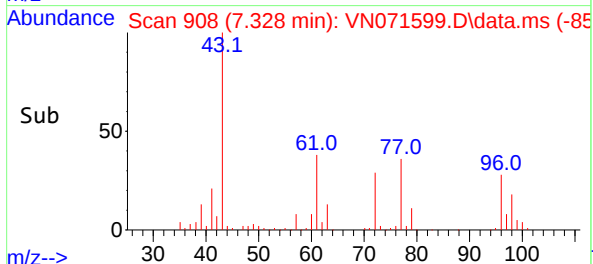
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



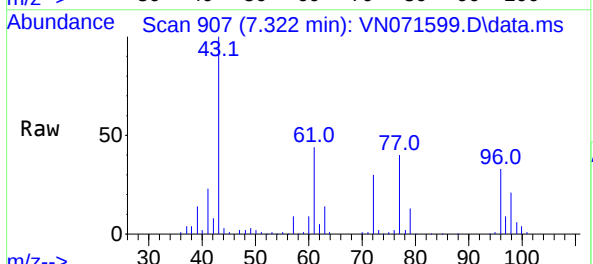
Tgt Ion: 43 Resp: 486970
Ion Ratio Lower Upper
43 100
72 29.4 23.7 35.5

Manual Integrations
APPROVED

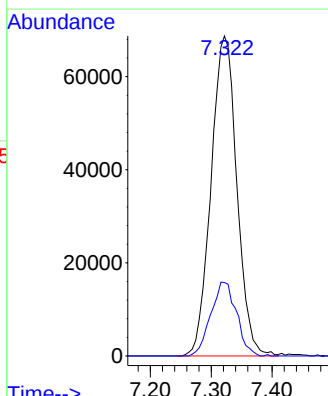
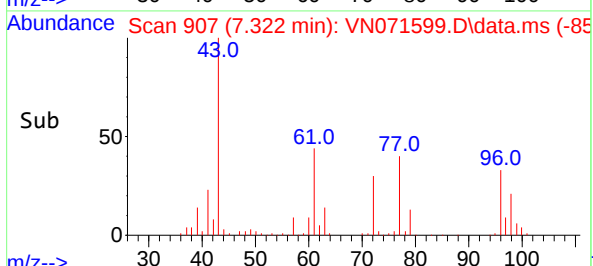
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

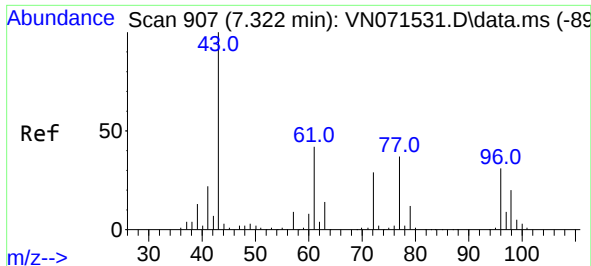


#26
2,2-Dichloropropane
Concen: 19.124 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37



Tgt Ion: 77 Resp: 202305
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.2





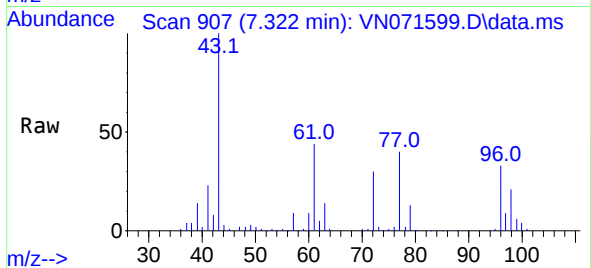
#27
 cis-1,2-Dichloroethene
 Concen: 19.008 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN071599.D
 Acq: 28 Mar 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01

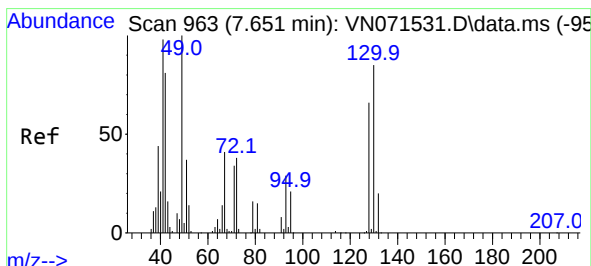
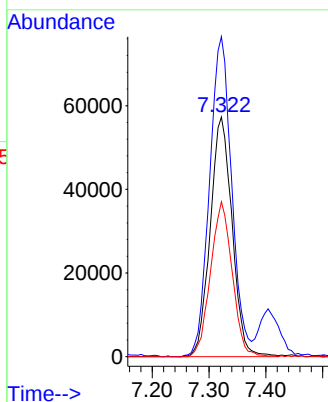
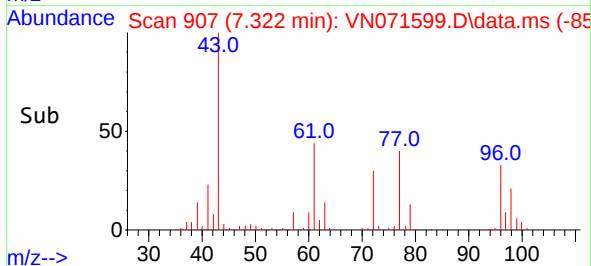


Tgt Ion: 96 Resp: 153374
 Ion Ratio Lower Upper
 96 100
 61 134.6 0.0 280.6
 98 63.9 0.0 128.4

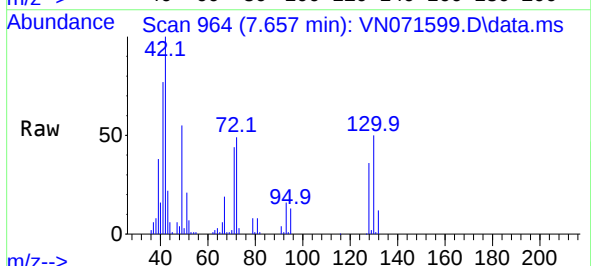
Manual Integrations

APPROVED

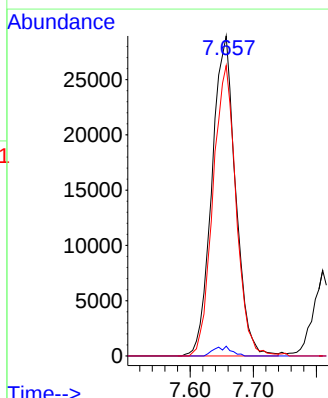
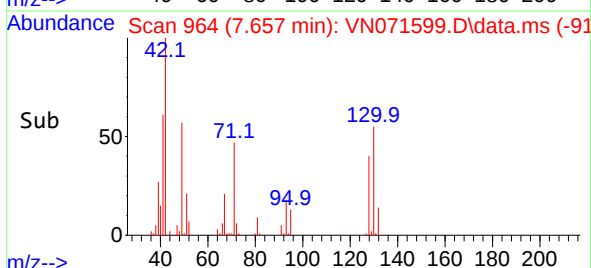
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022

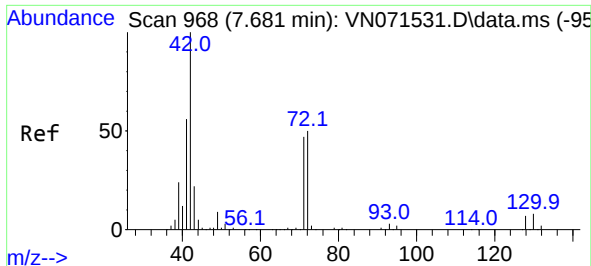


#28
 Bromochloromethane
 Concen: 14.571 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. 0.006 min
 Lab File: VN071599.D
 Acq: 28 Mar 2022 12:37



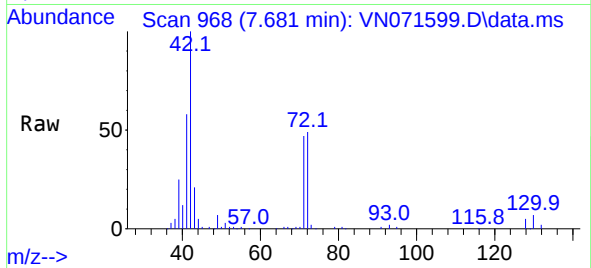
Tgt Ion: 49 Resp: 75281
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 88.7 69.7 104.5





#29
Tetrahydrofuran
Concen: 89.896 ug/l
RT: 7.681 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

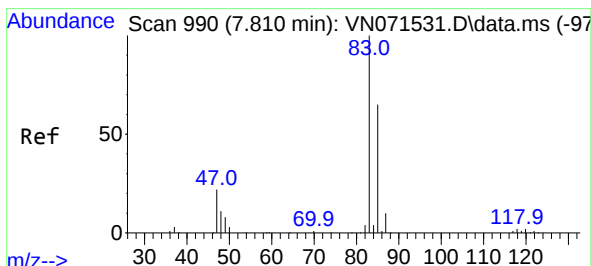
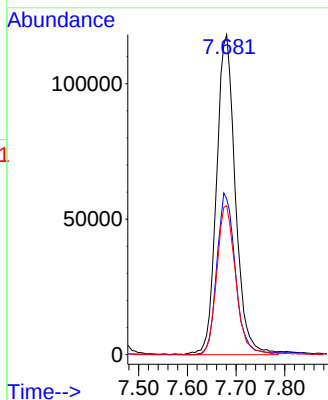
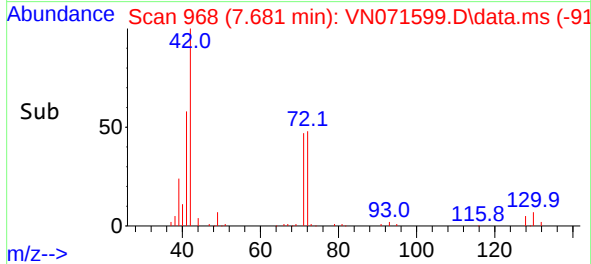
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



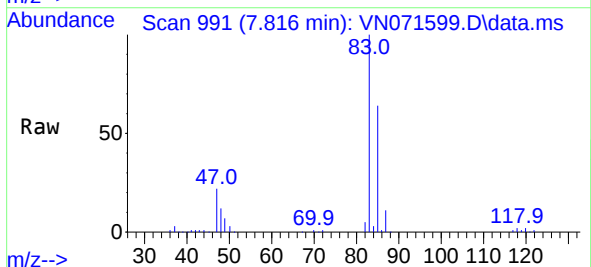
Tgt Ion: 42 Resp: 31779
Ion Ratio Lower Upper
42 100
72 49.9 39.7 59.5
71 46.4 36.6 55.0

Manual Integrations
APPROVED

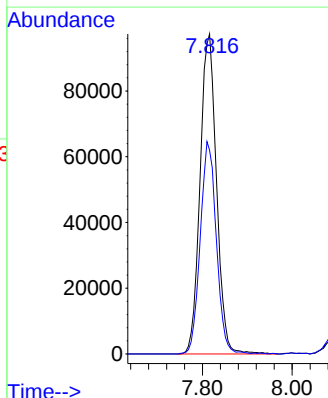
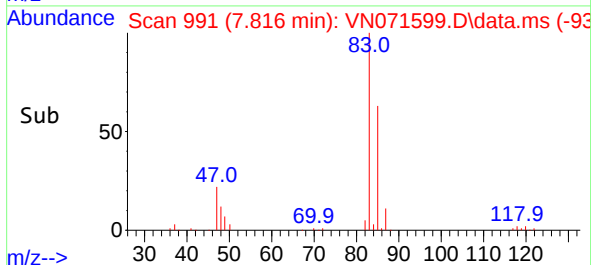
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

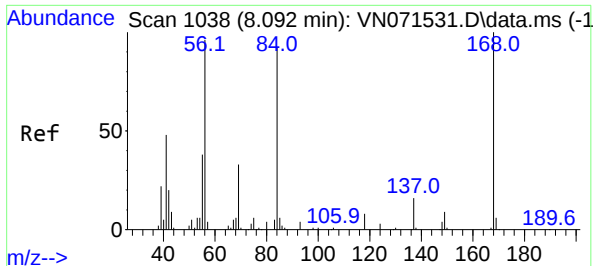


#30
Chloroform
Concen: 19.519 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37



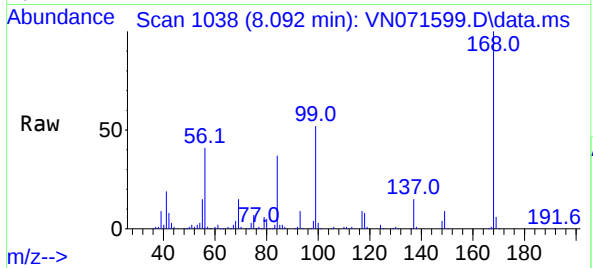
Tgt Ion: 83 Resp: 247409
Ion Ratio Lower Upper
83 100
85 63.7 51.8 77.8





#31
Cyclohexane
Concen: 18.244 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

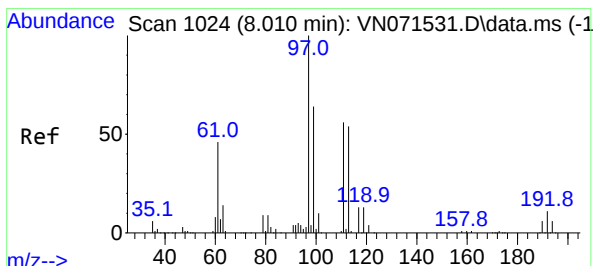
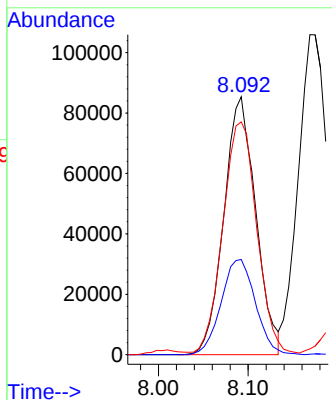
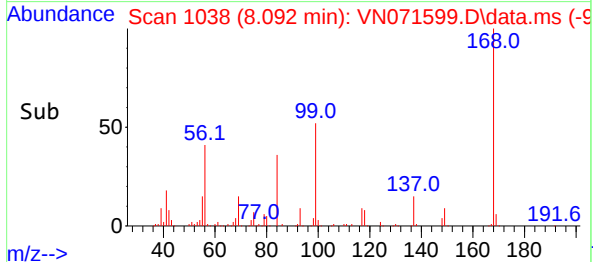
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



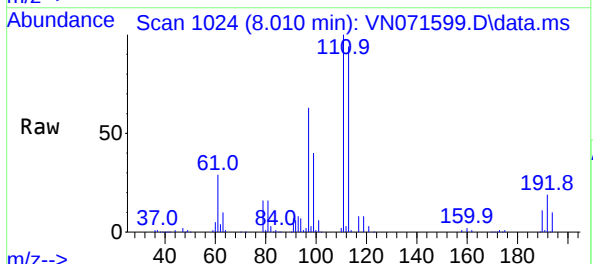
Tgt Ion: 56 Resp: 21105
Ion Ratio Lower Upper
56 100
69 36.9 27.8 41.8
84 89.1 76.9 115.3

Manual Integrations
APPROVED

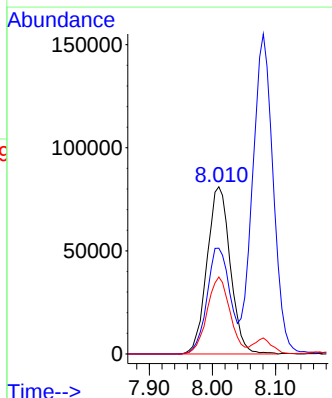
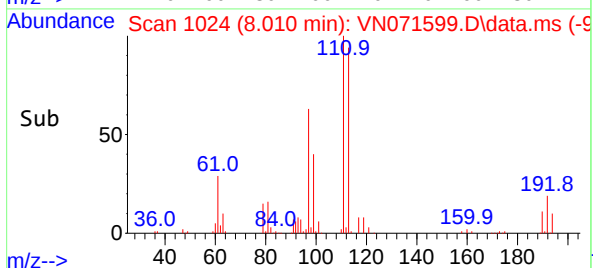
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

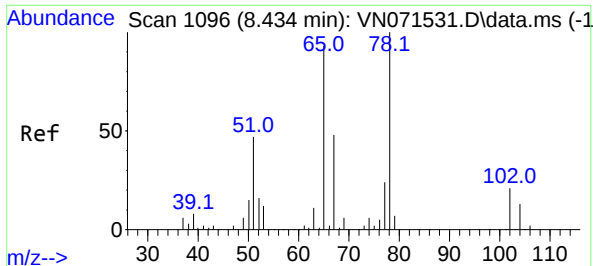


#32
1,1,1-Trichloroethane
Concen: 18.816 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37



Tgt Ion: 97 Resp: 207749
Ion Ratio Lower Upper
97 100
99 62.1 50.6 76.0
61 45.7 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 48.557 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071599.D

Acq: 28 Mar 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01

Tgt Ion: 65 Resp: 39254

Ion Ratio Lower Upper

65 100

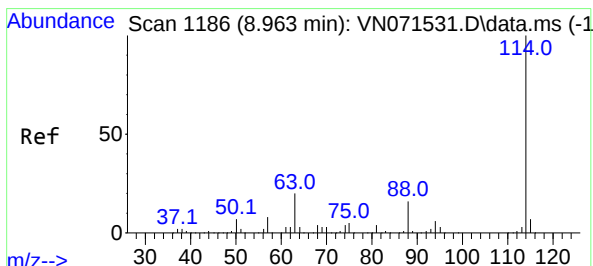
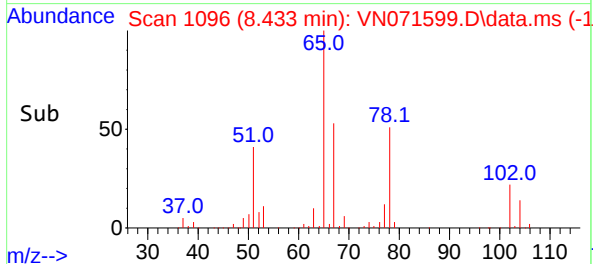
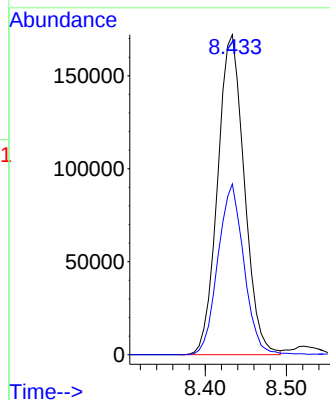
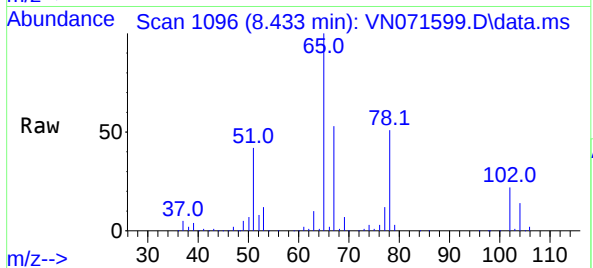
67 52.1 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071599.D

Acq: 28 Mar 2022 12:37

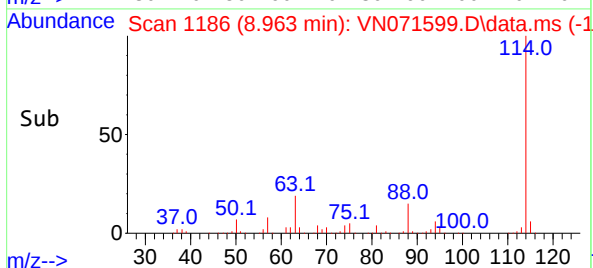
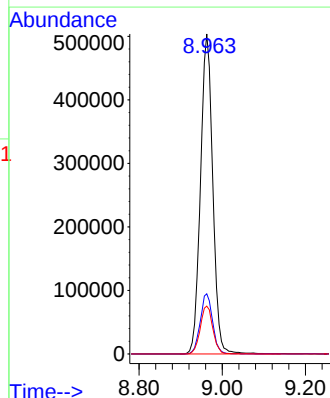
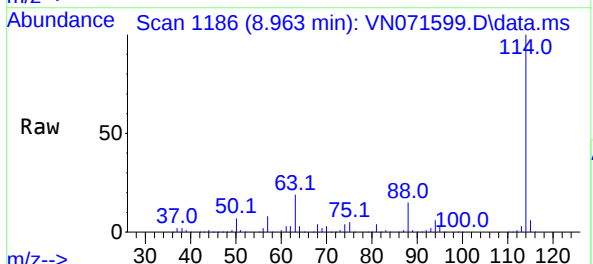
Tgt Ion:114 Resp: 1033256

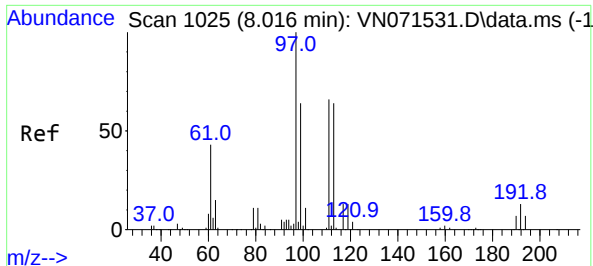
Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

88 15.0 0.0 32.6





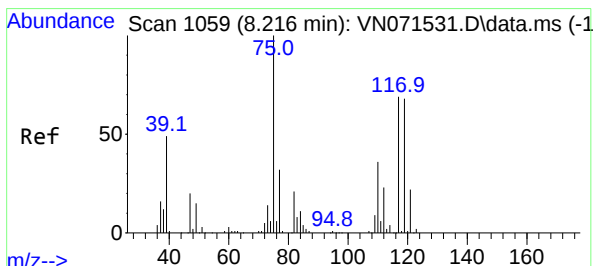
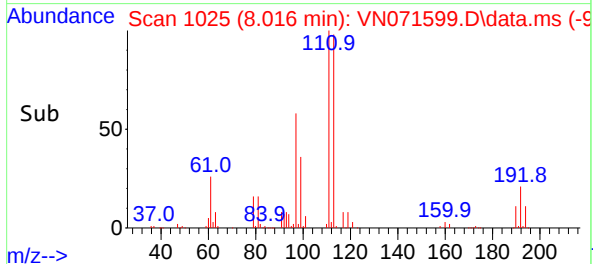
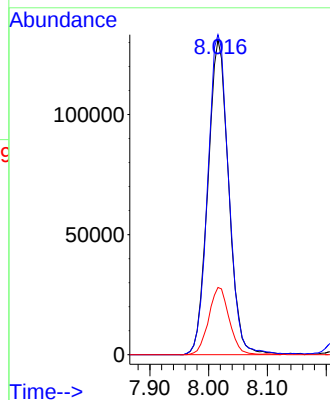
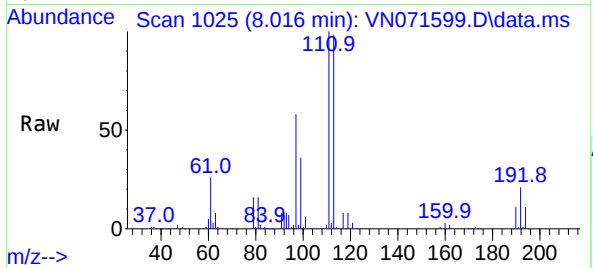
#35
Dibromofluoromethane
Concen: 49.556 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

Tgt Ion: 113 Resp: 32180
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 21.1 17.0 25.6

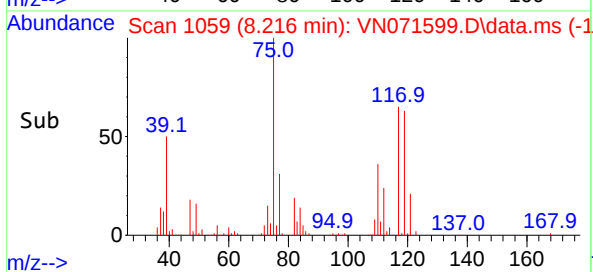
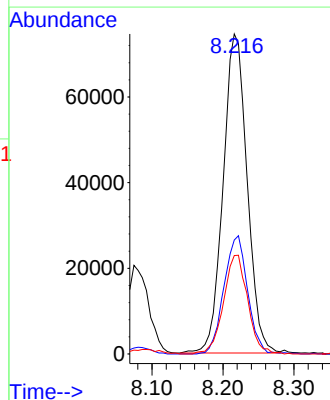
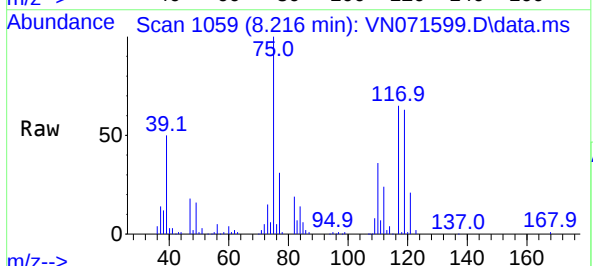
Manual Integrations
APPROVED

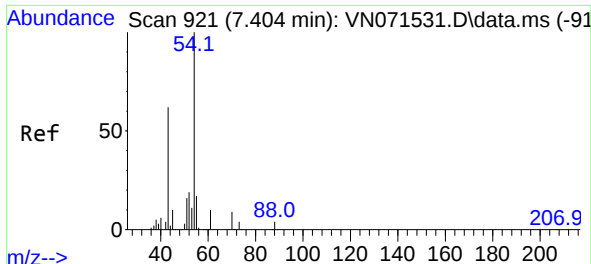
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#36
1,1-Dichloropropene
Concen: 18.665 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

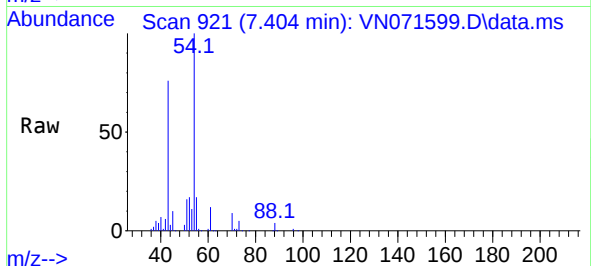
Tgt Ion: 75 Resp: 174756
Ion Ratio Lower Upper
75 100
110 36.7 18.3 54.8
77 31.2 25.1 37.7





#37
Ethyl Acetate
Concen: 19.182 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

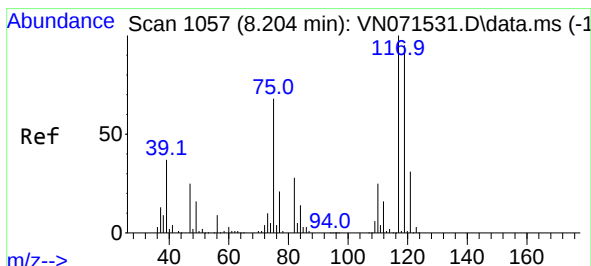
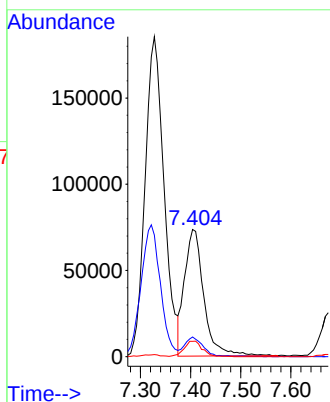
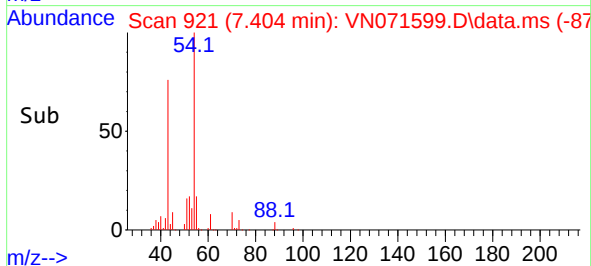
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



Tgt Ion: 43 Resp: 19576
Ion Ratio Lower Upper
43 100
61 14.3 11.8 17.6
70 11.7 9.3 13.9

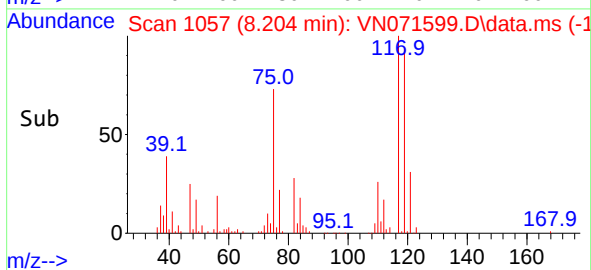
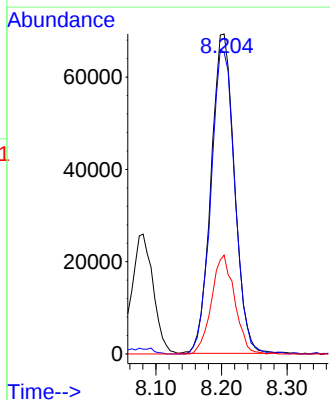
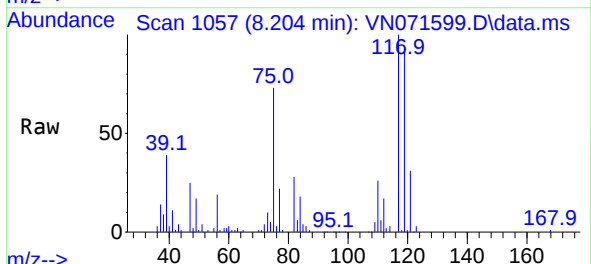
Manual Integrations
APPROVED

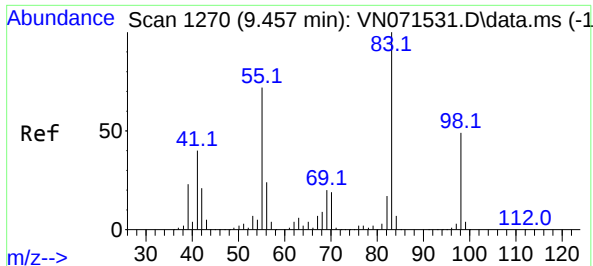
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#38
Carbon Tetrachloride
Concen: 18.827 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

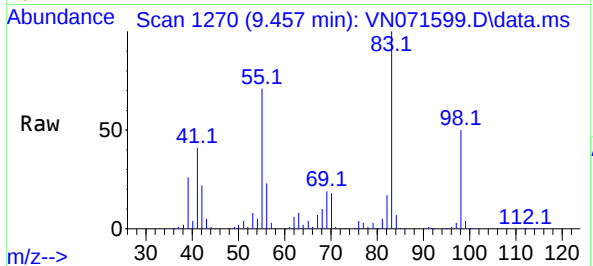
Tgt Ion:117 Resp: 171824
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.8
121 31.0 24.6 37.0





#39
Methylcyclohexane
Concen: 19.043 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

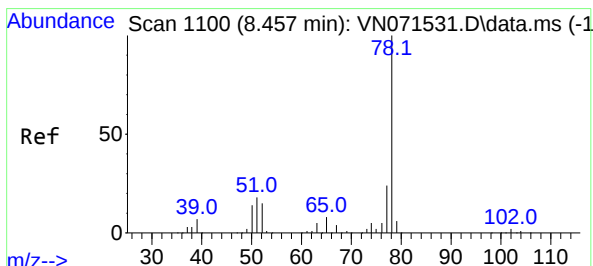
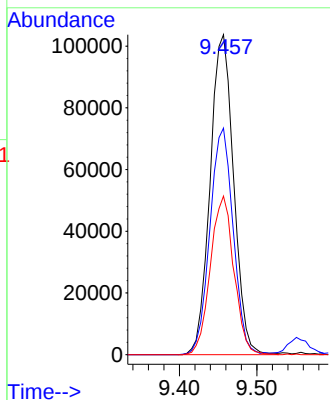
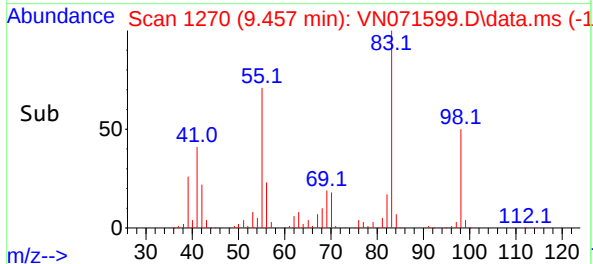
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



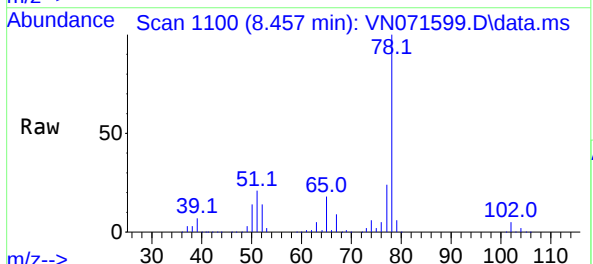
Tgt Ion: 83 Resp: 218734
Ion Ratio Lower Upper
83 100
55 70.8 57.8 86.8
98 49.5 39.4 59.2

Manual Integrations
APPROVED

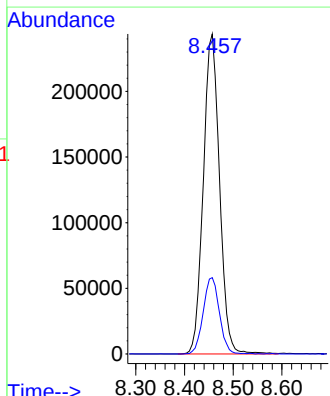
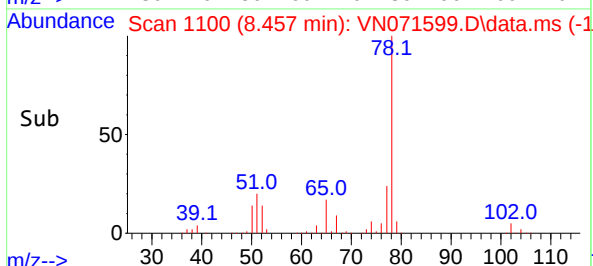
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

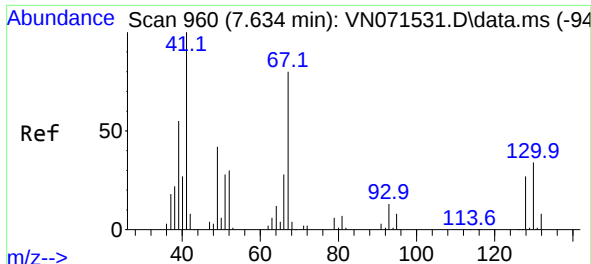


#40
Benzene
Concen: 19.310 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37



Tgt Ion: 78 Resp: 562794
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0





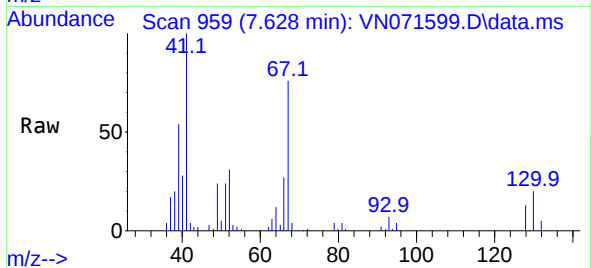
#41
Methacrylonitrile
Concen: 21.927 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01



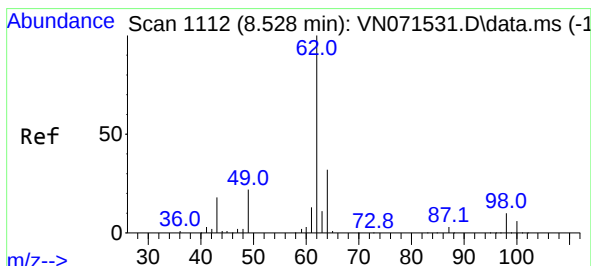
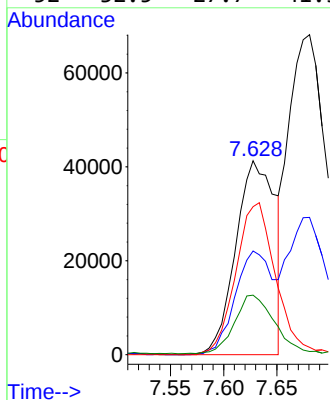
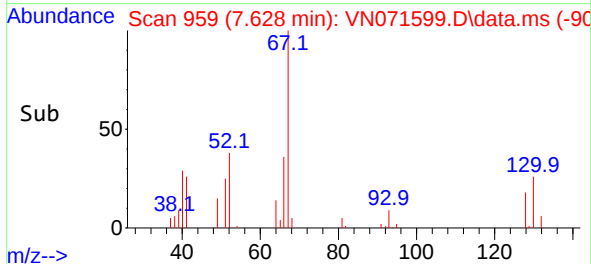
Tgt Ion: 41 Resp: 10624
Ion Ratio Lower Upper
41 100
39 47.3 48.6 73.0
67 79.6 73.4 110.2
52 32.5 27.7 41.5

Manual Integrations

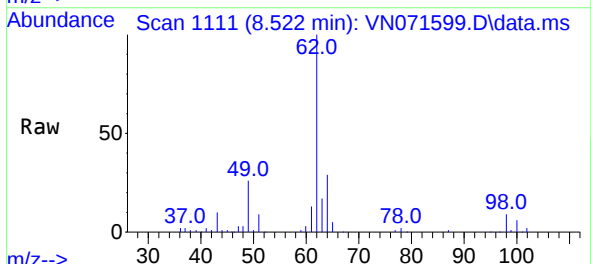
APPROVED

Reviewed By :John Carlone 03/29/2022

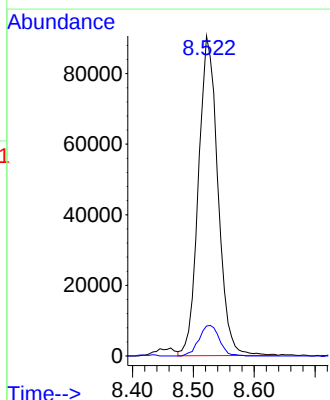
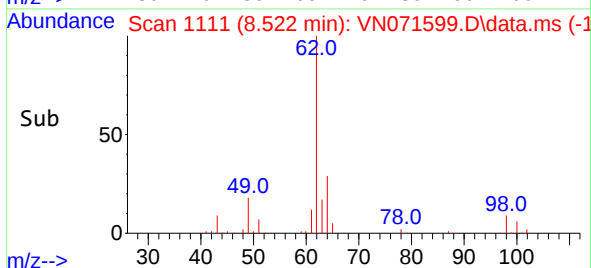
Supervised By :Mahesh Dadoda 03/29/2022

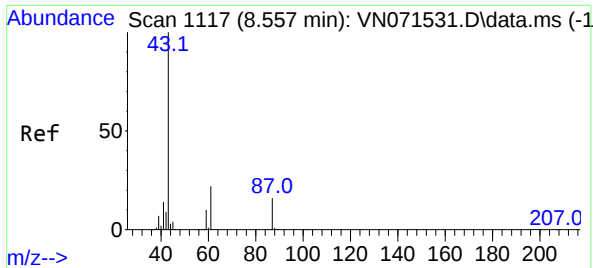


#42
1,2-Dichloroethane
Concen: 19.729 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37



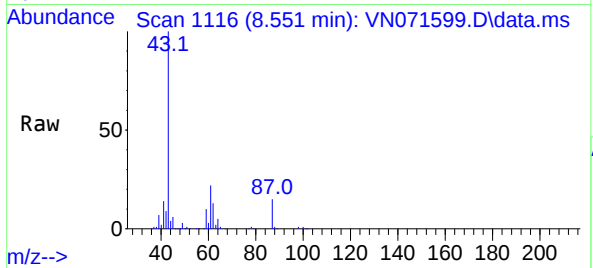
Tgt Ion: 62 Resp: 200554
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.4





#43
Isopropyl Acetate
Concen: 19.866 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

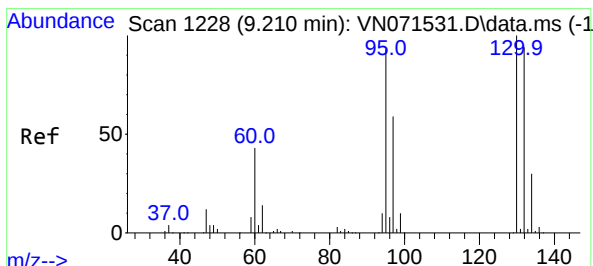
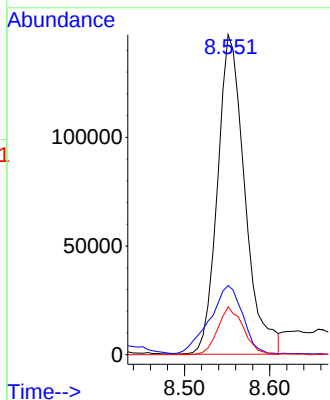
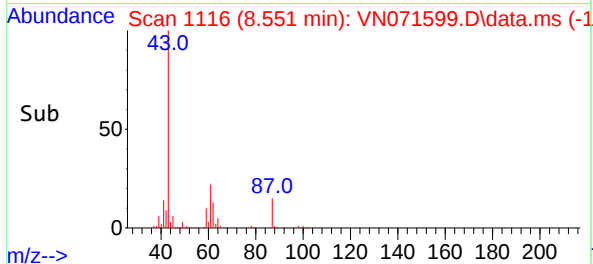
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



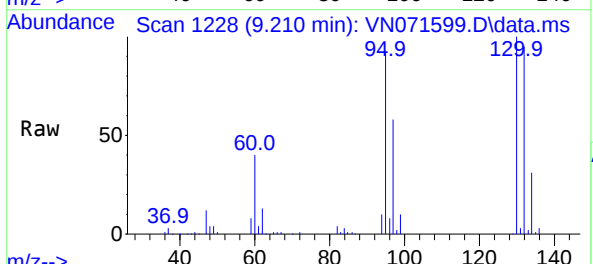
Tgt Ion: 43 Resp: 32810
Ion Ratio Lower Upper
43 100
61 25.9 21.9 32.9
87 14.0 12.0 18.0

Manual Integrations
APPROVED

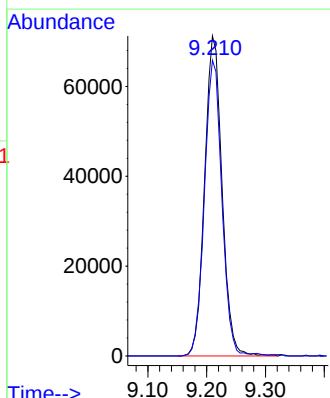
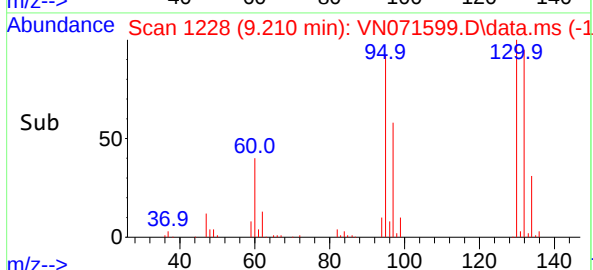
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

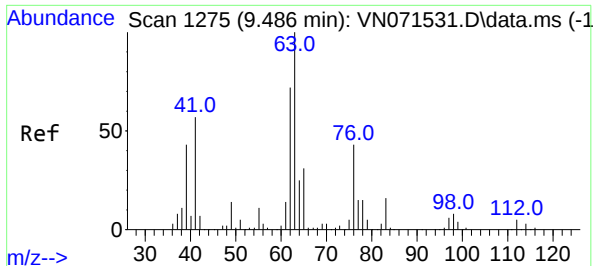


#44
Trichloroethene
Concen: 19.353 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37



Tgt Ion:130 Resp: 146407
Ion Ratio Lower Upper
130 100
95 92.4 0.0 186.8





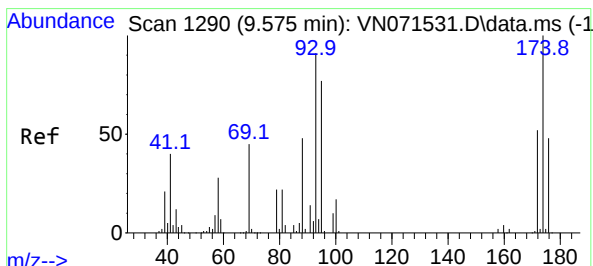
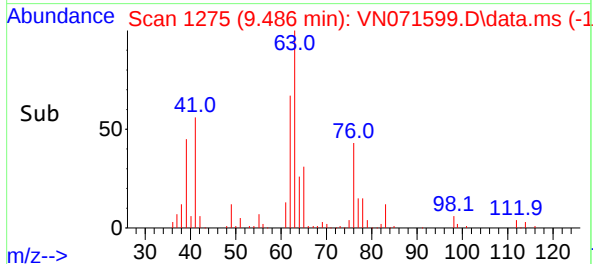
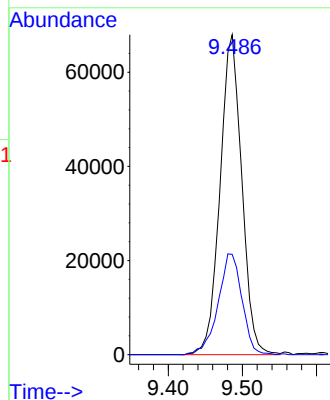
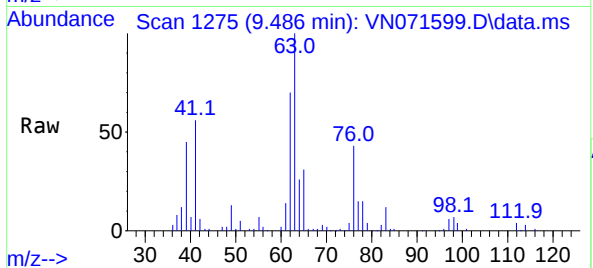
#45
1,2-Dichloropropane
Concen: 19.161 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

Tgt Ion: 63 Resp: 13833
Ion Ratio Lower Upper
63 100
65 31.4 24.9 37.3

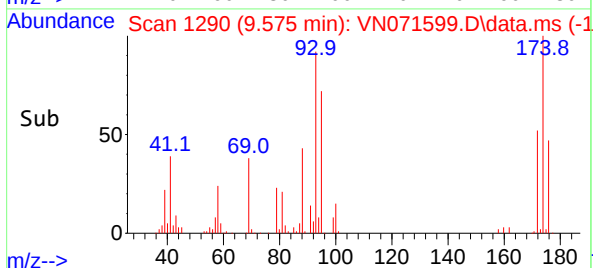
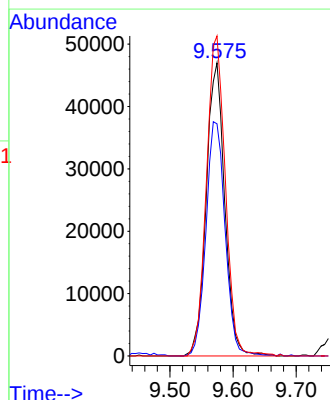
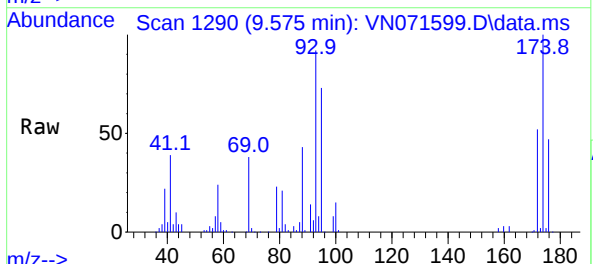
Manual Integrations
APPROVED

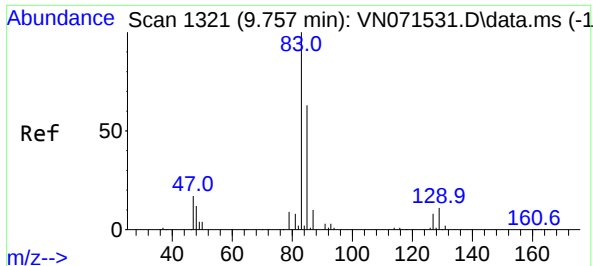
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#46
Dibromomethane
Concen: 19.498 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

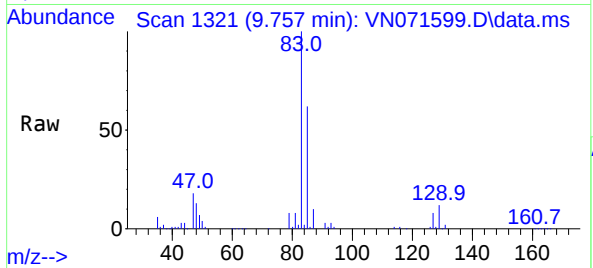
Tgt Ion: 93 Resp: 95806
Ion Ratio Lower Upper
93 100
95 82.9 66.9 100.3
174 111.8 86.6 130.0





#47
Bromodichloromethane
Concen: 19.991 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

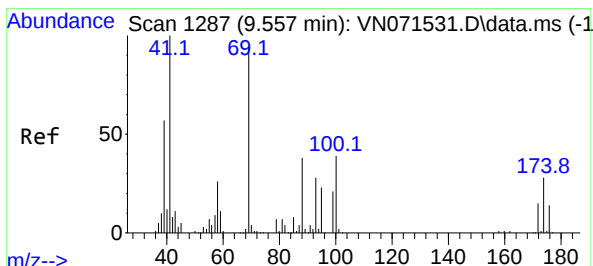
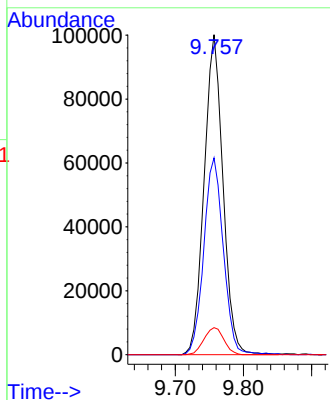
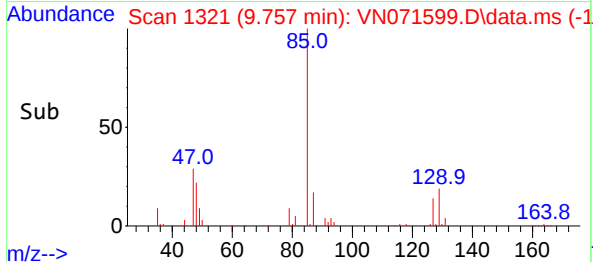
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



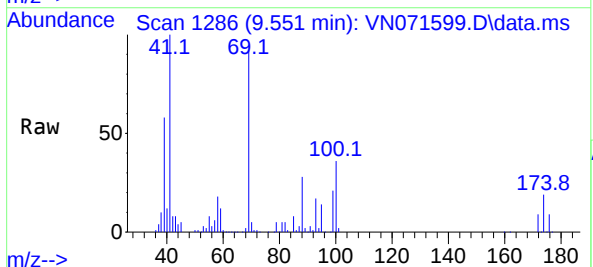
Tgt Ion: 83 Resp: 192530
Ion Ratio Lower Upper
83 100
85 61.5 50.5 75.7
127 8.4 6.8 10.2

Manual Integrations
APPROVED

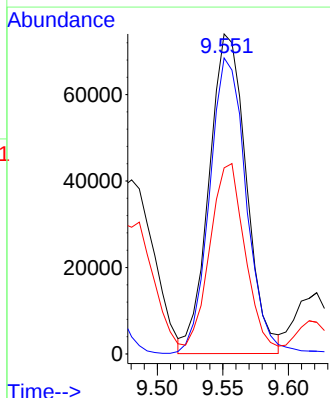
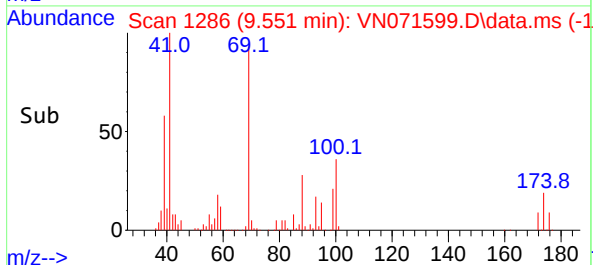
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

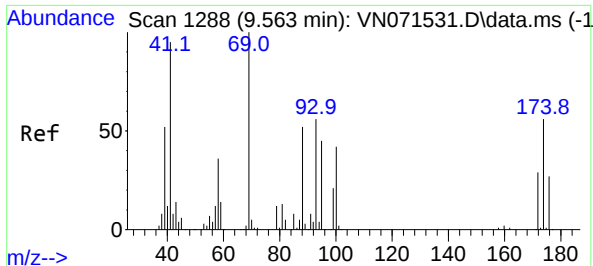


#48
Methyl methacrylate
Concen: 19.848 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37



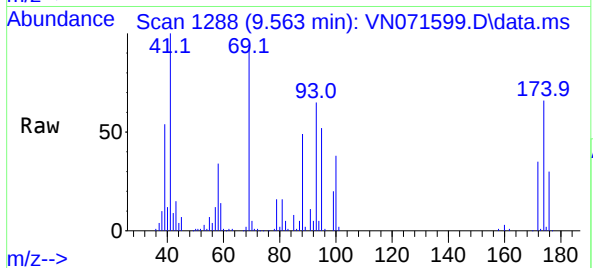
Tgt Ion: 41 Resp: 146232
Ion Ratio Lower Upper
41 100
69 91.3 74.7 112.1
39 56.4 45.6 68.4





#49
1,4-Dioxane
Concen: 372.286 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

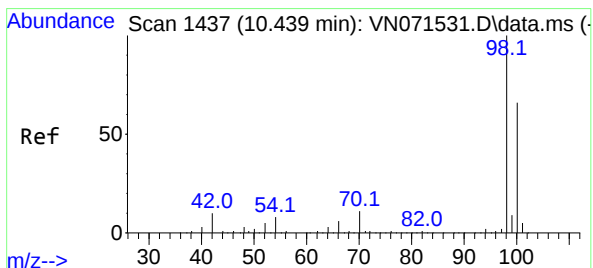
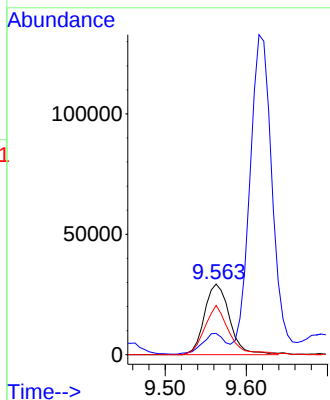
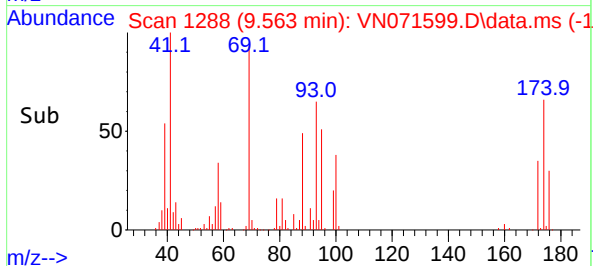
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



Tgt Ion: 88 Resp: 63290
Ion Ratio Lower Upper
88 100
43 26.9 20.2 30.4
58 67.8 54.2 81.4

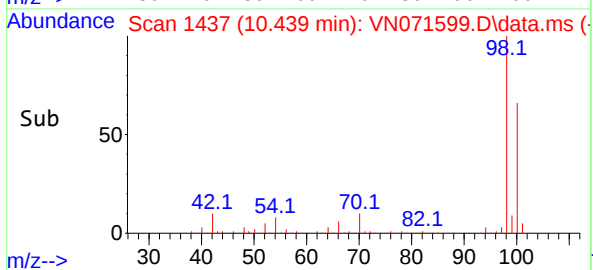
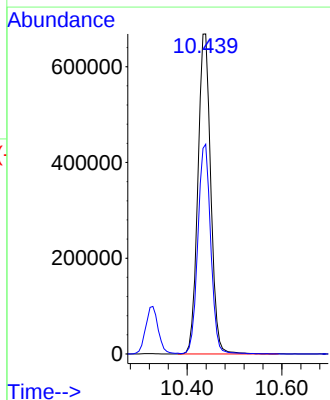
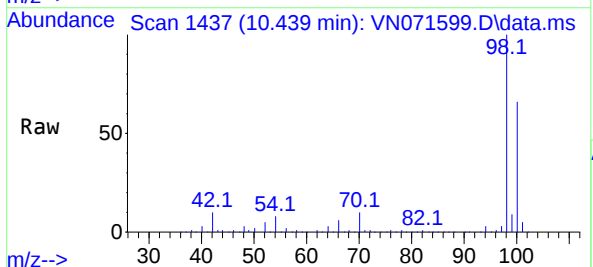
Manual Integrations
APPROVED

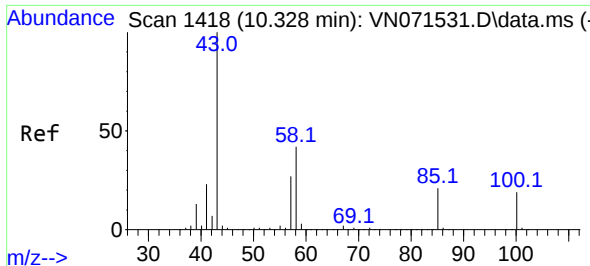
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#50
Toluene-d8
Concen: 48.139 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

Tgt Ion: 98 Resp: 1260876
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8





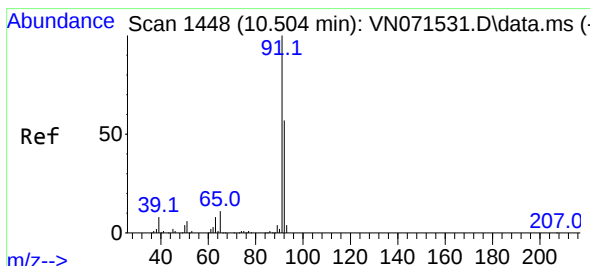
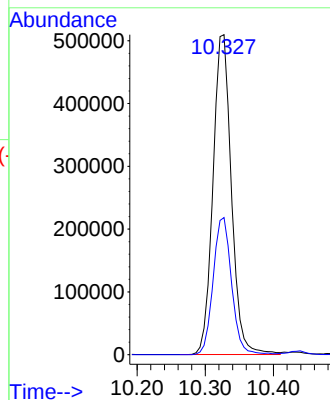
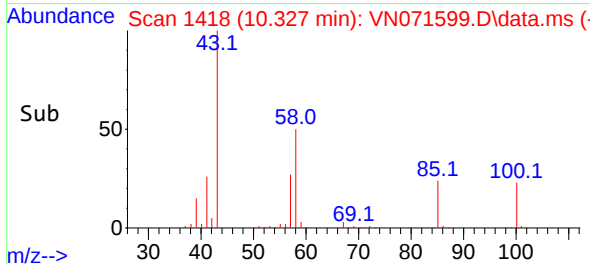
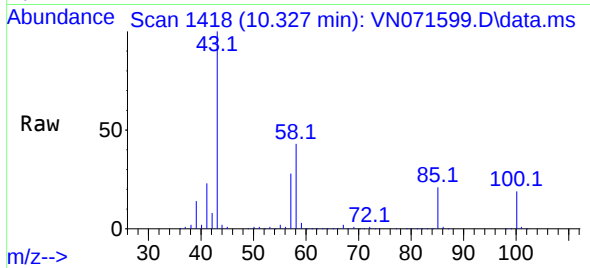
#51
4-Methyl-2-Pentanone
Concen: 94.013 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

Tgt Ion: 43 Resp: 96054
Ion Ratio Lower Upper
43 100
58 42.9 34.1 51.1

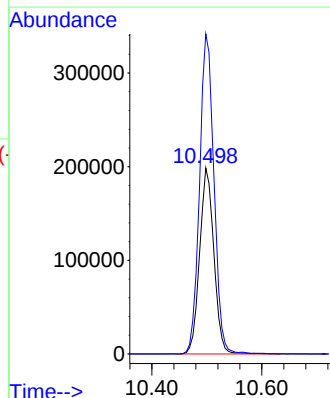
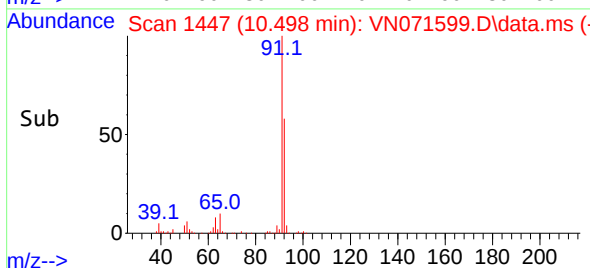
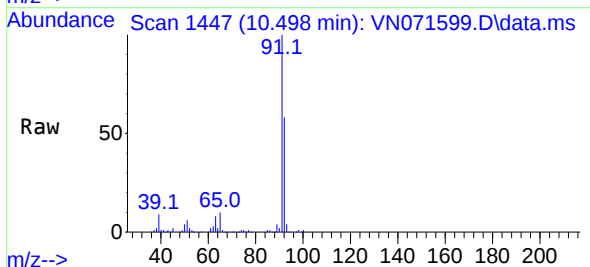
Manual Integrations
APPROVED

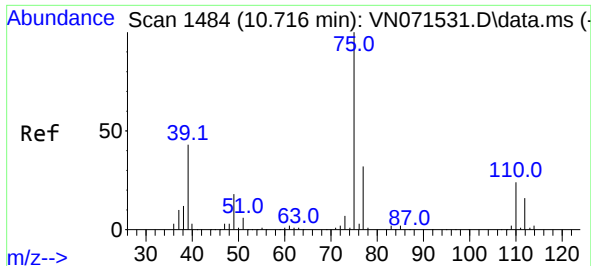
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#52
Toluene
Concen: 19.590 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

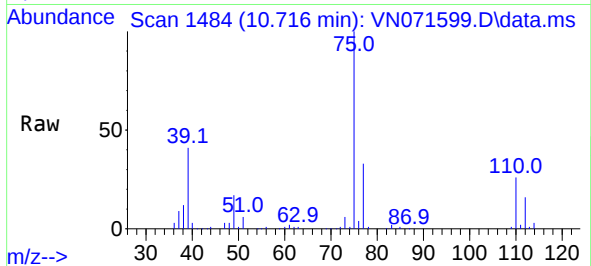
Tgt Ion: 92 Resp: 357351
Ion Ratio Lower Upper
92 100
91 174.7 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 19.948 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

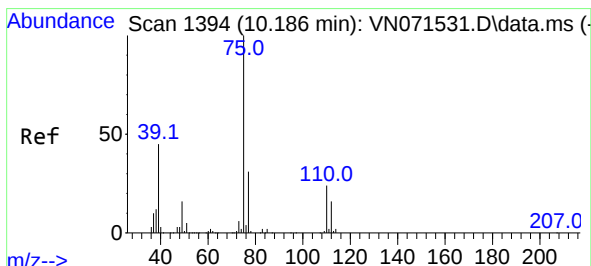
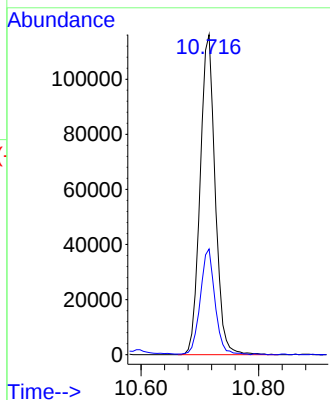
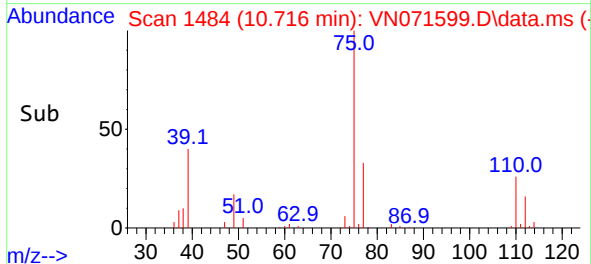
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



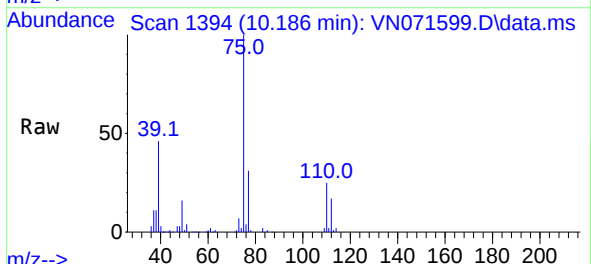
Tgt Ion: 75 Resp: 206584
Ion Ratio Lower Upper
75 100
77 33.1 25.6 38.4

Manual Integrations
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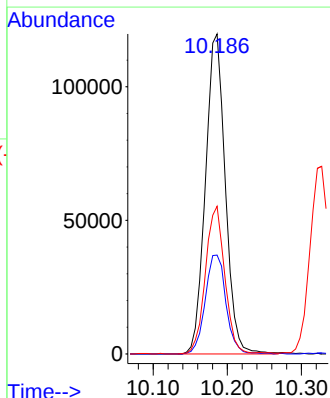
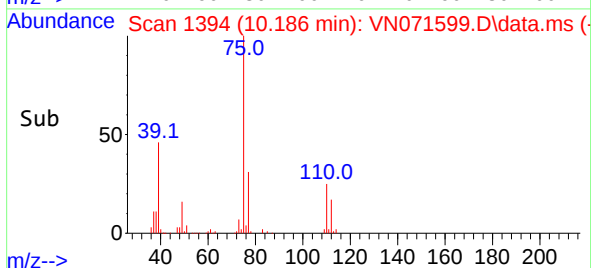
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

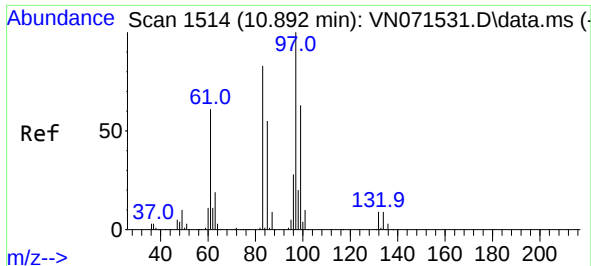


#54
cis-1,3-Dichloropropene
Concen: 19.537 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37



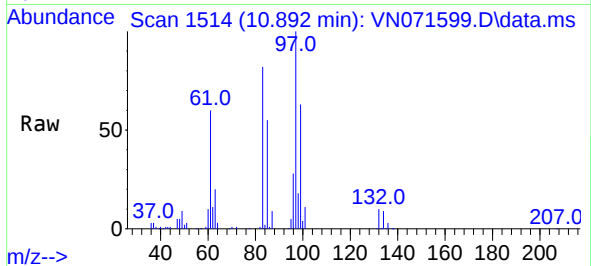
Tgt Ion: 75 Resp: 223110
Ion Ratio Lower Upper
75 100
77 30.9 25.2 37.8
39 46.2 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 19.879 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

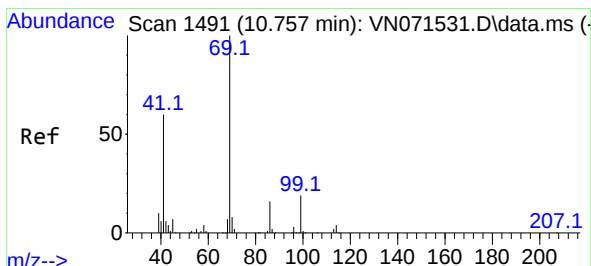
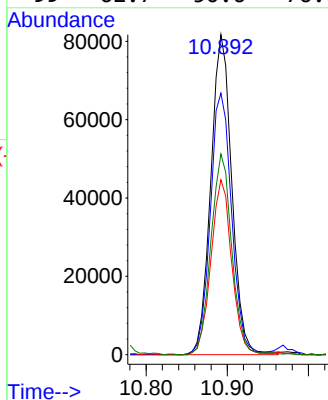
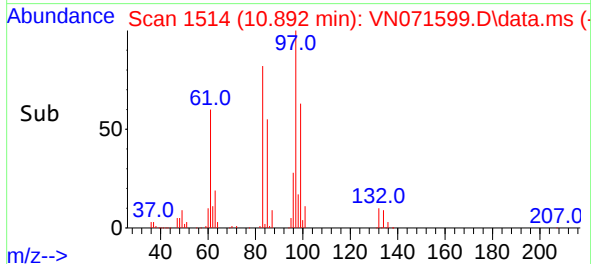


Tgt Ion: 97 Resp: 147000

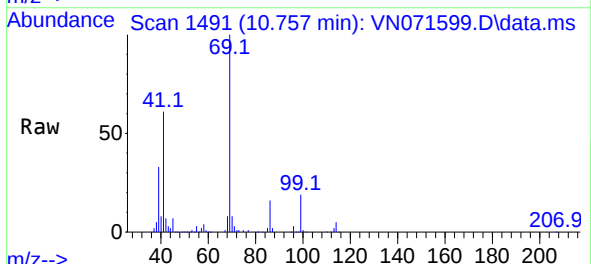
Ion	Ratio	Lower	Upper
97	100		
83	81.7	66.2	99.4
85	54.7	43.9	65.9
99	62.7	50.6	76.0

Manual Integrations
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Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

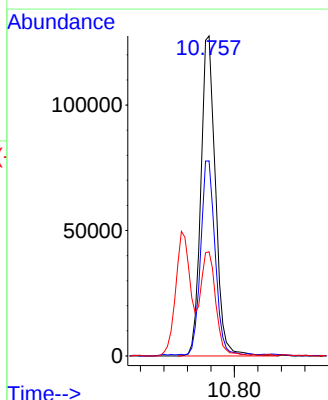
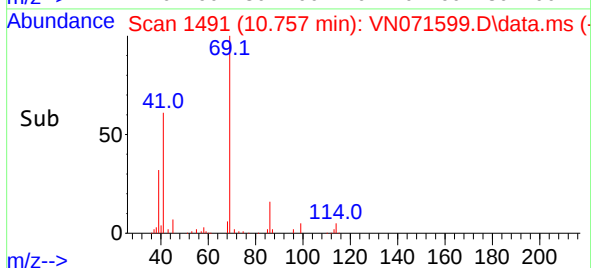


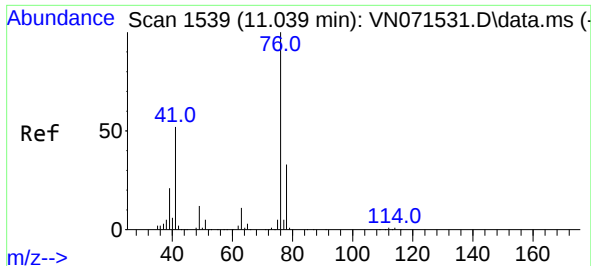
#56
Ethyl methacrylate
Concen: 19.705 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37



Tgt Ion: 69 Resp: 219655

Ion	Ratio	Lower	Upper
69	100		
41	59.7	47.8	71.6
39	33.7	27.3	40.9





#57

1,3-Dichloropropane

Concen: 19.886 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN071599.D

Acq: 28 Mar 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01

Tgt Ion: 76 Resp: 24743

Ion Ratio Lower Upper

76 100

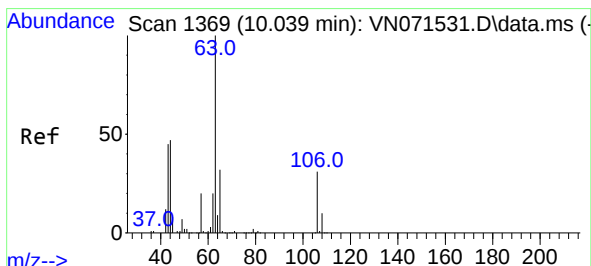
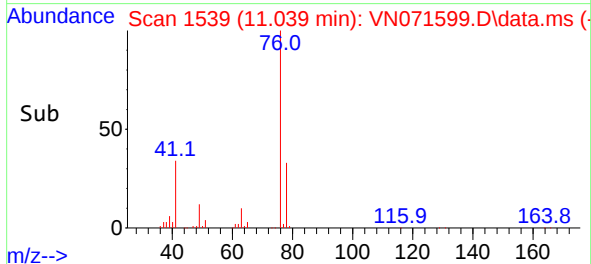
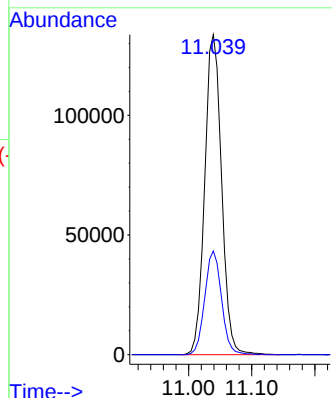
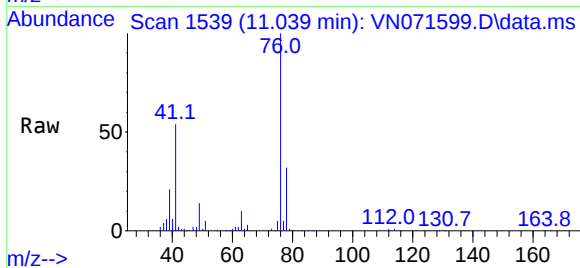
78 32.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#58

2-Chloroethyl Vinyl ether

Concen: 89.394 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VN071599.D

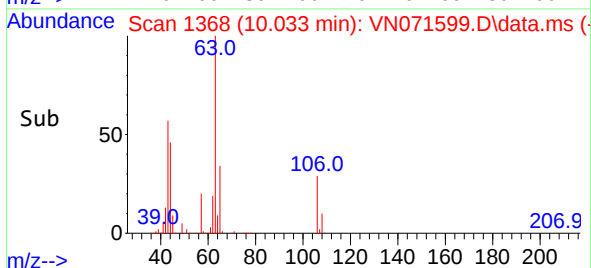
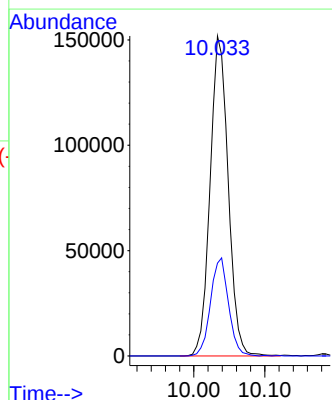
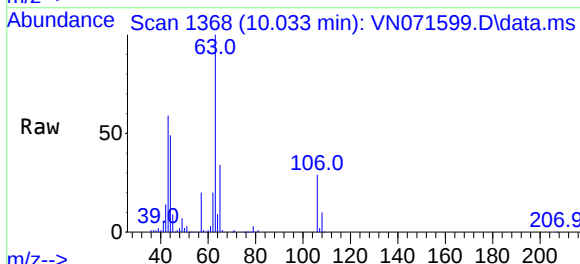
Acq: 28 Mar 2022 12:37

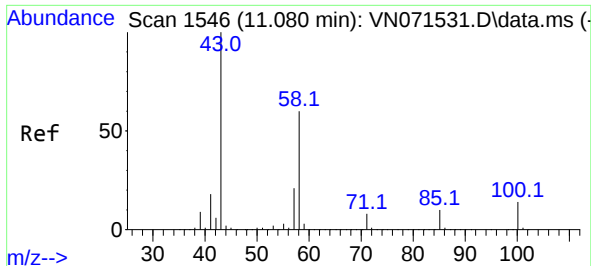
Tgt Ion: 63 Resp: 268934

Ion Ratio Lower Upper

63 100

106 30.3 24.6 36.8





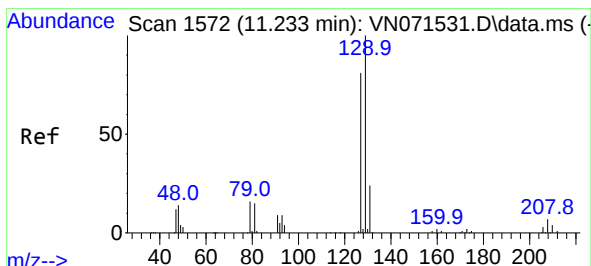
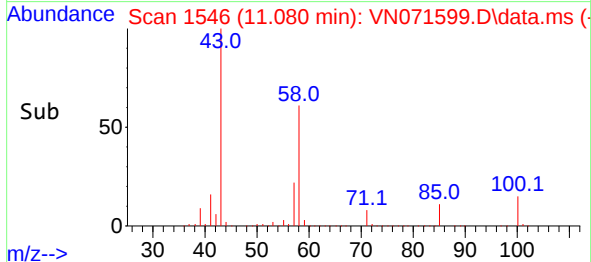
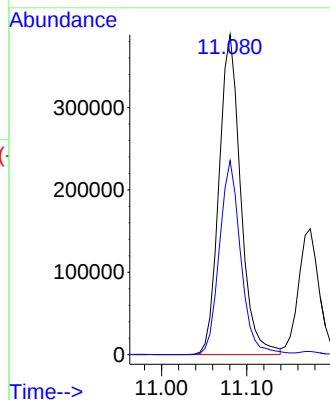
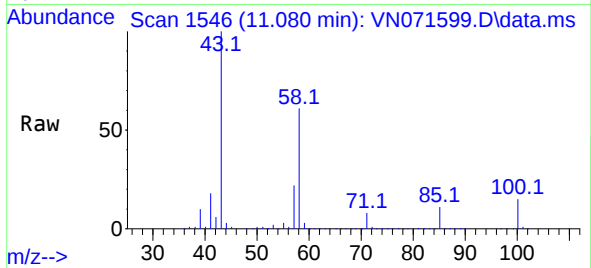
#59
2-Hexanone
Concen: 93.251 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

Tgt Ion: 43 Resp: 68684
Ion Ratio Lower Upper
43 100
58 59.8 29.7 89.1

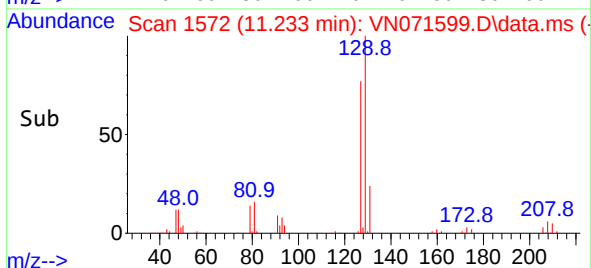
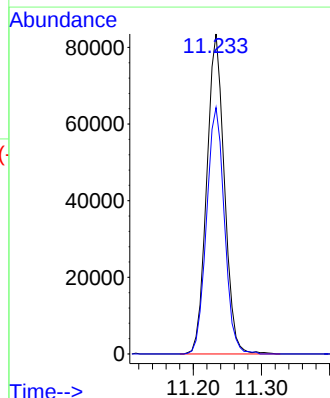
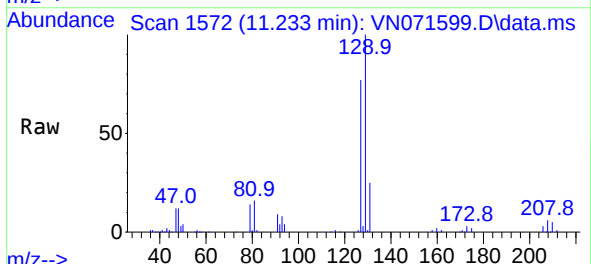
Manual Integrations
APPROVED

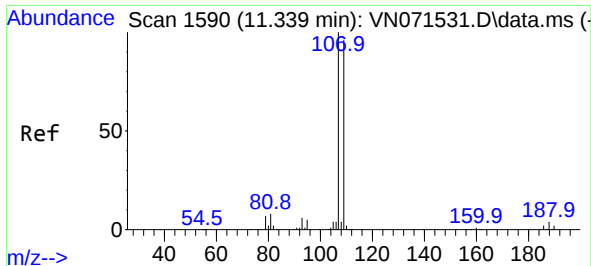
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#60
Dibromochloromethane
Concen: 20.132 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

Tgt Ion:129 Resp: 150157
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.4





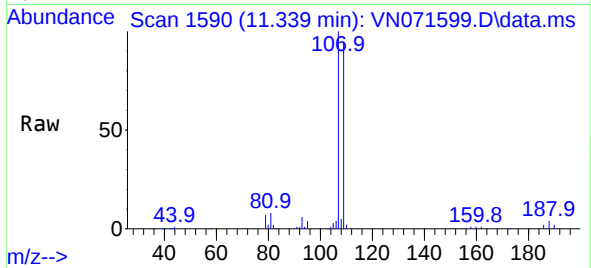
#61
1,2-Dibromoethane
Concen: 20.088 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01



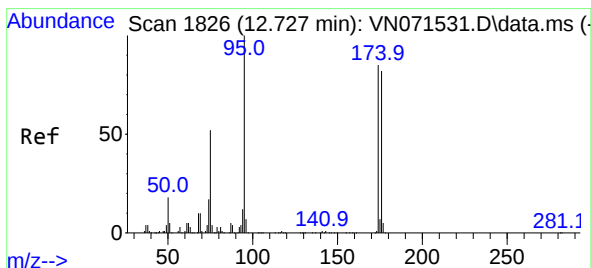
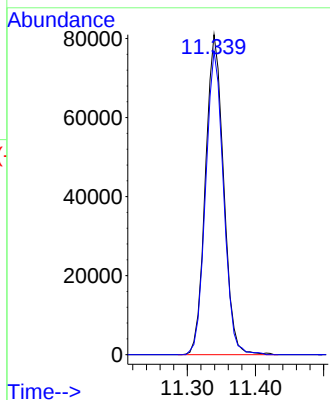
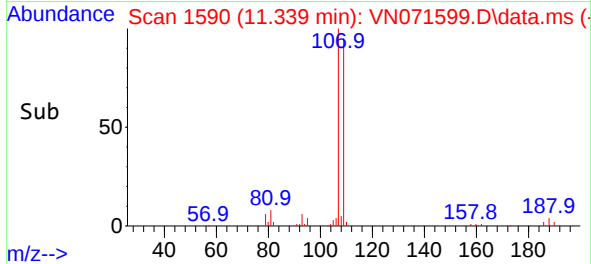
Tgt Ion:107 Resp: 14987
Ion Ratio Lower Upper
107 100
109 93.5 75.0 112.6

Manual Integrations

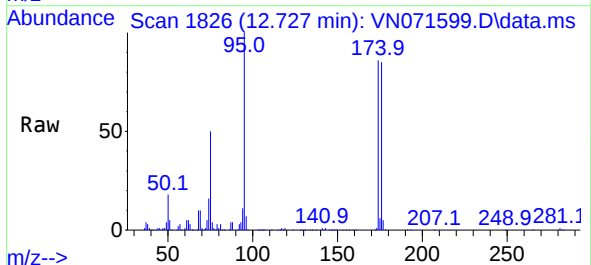
APPROVED

Reviewed By :John Carlone 03/29/2022

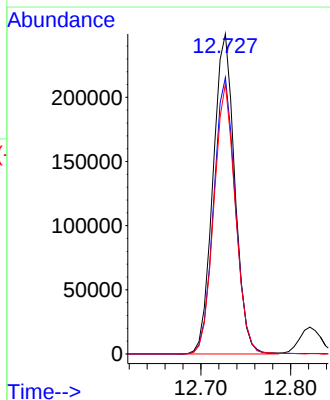
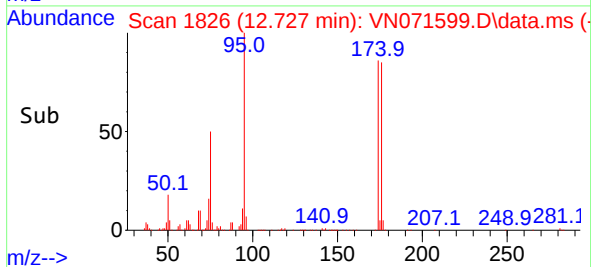
Supervised By :Mahesh Dadoda 03/29/2022

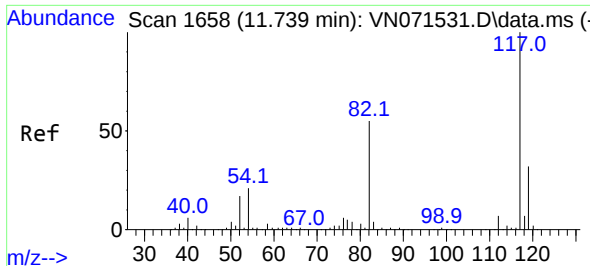


#62
4-Bromofluorobenzene
Concen: 48.913 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37



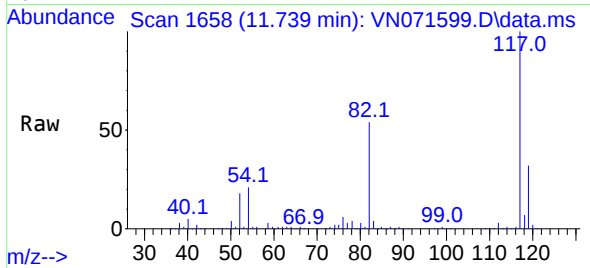
Tgt Ion: 95 Resp: 419785
Ion Ratio Lower Upper
95 100
174 85.9 0.0 167.6
176 83.1 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

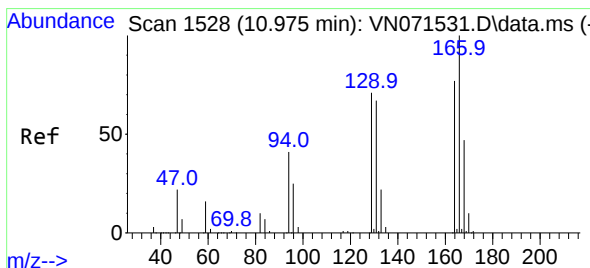
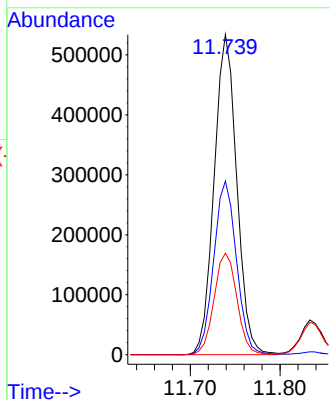
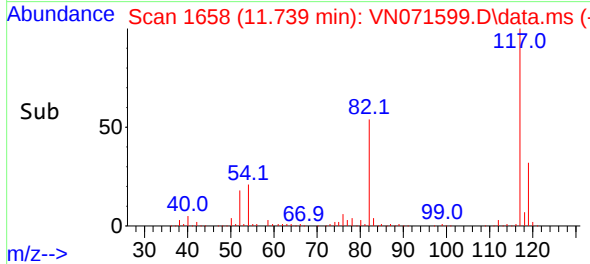
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



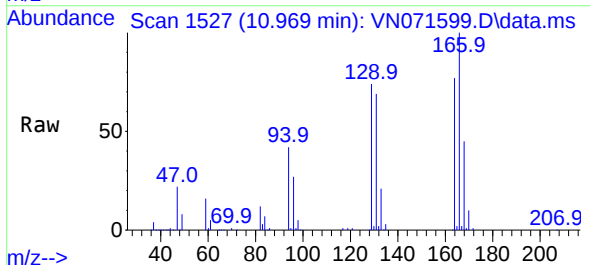
Tgt Ion:117 Resp: 935169
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 31.7 25.4 38.0

Manual Integrations
APPROVED

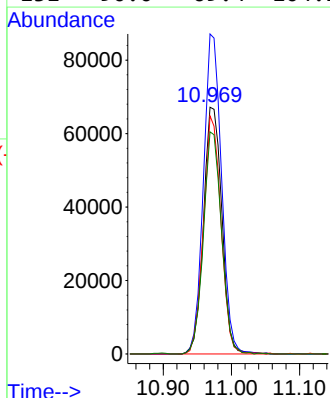
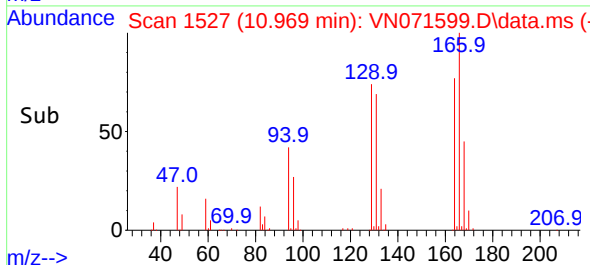
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

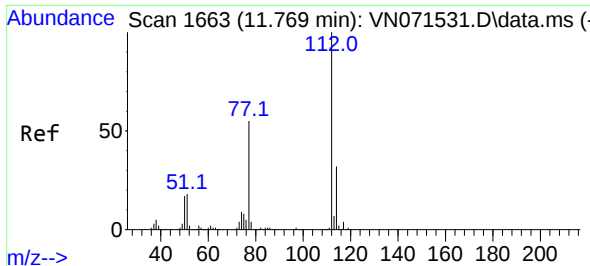


#64
Tetrachloroethene
Concen: 19.444 ug/l
RT: 10.969 min Scan# 1527
Delta R.T. -0.006 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37



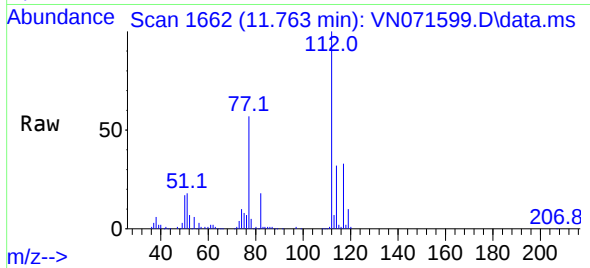
Tgt Ion:164 Resp: 125682
Ion Ratio Lower Upper
164 100
166 129.7 104.2 156.2
129 96.5 73.9 110.9
131 90.0 69.4 104.2





#65
Chlorobenzene
Concen: 19.727 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

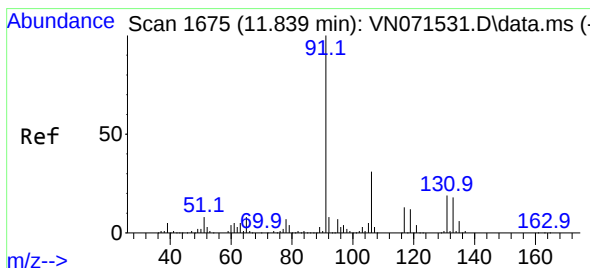
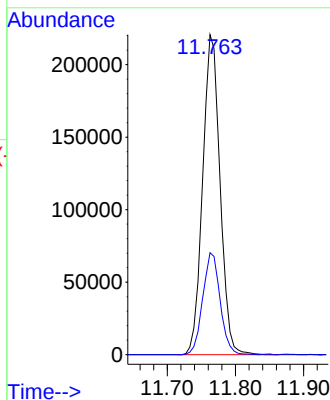
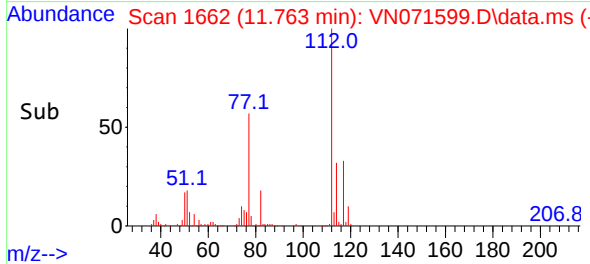
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



Tgt Ion:112 Resp: 391408
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

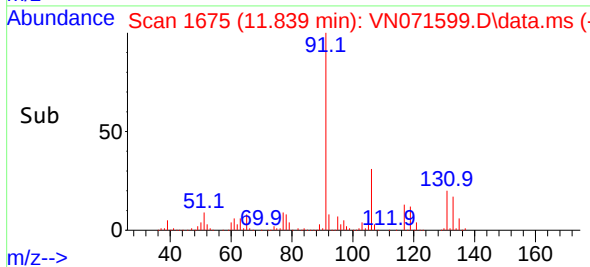
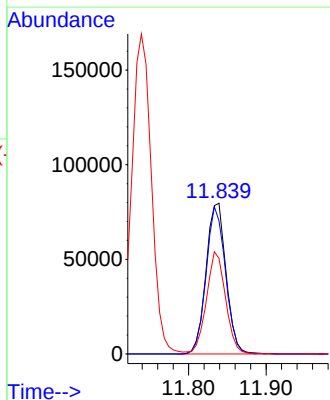
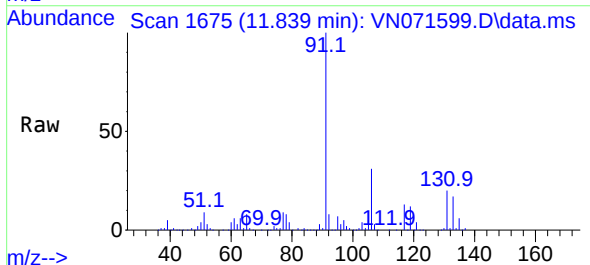
Manual Integrations
APPROVED

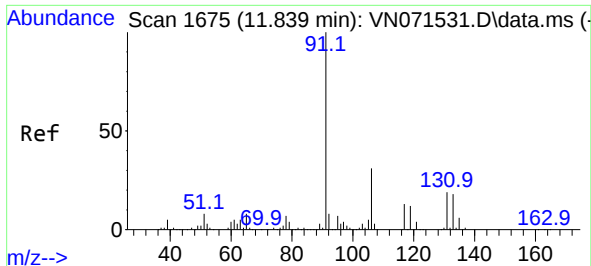
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.355 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

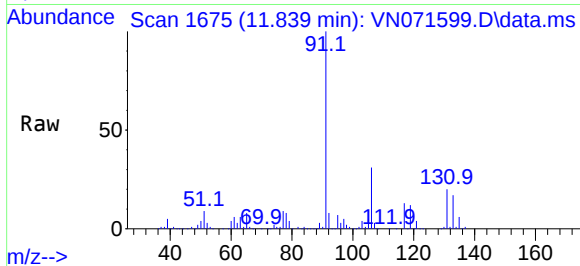
Tgt Ion:131 Resp: 142869
Ion Ratio Lower Upper
131 100
133 94.8 47.8 143.4
119 65.0 33.4 100.2





#67
Ethyl Benzene
Concen: 19.703 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

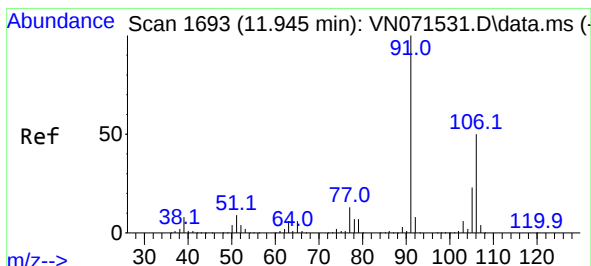
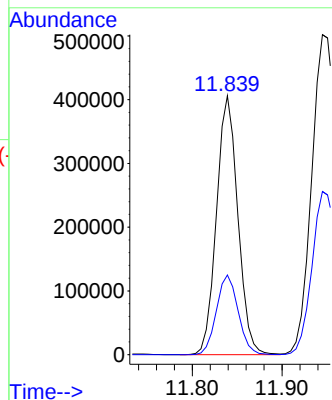
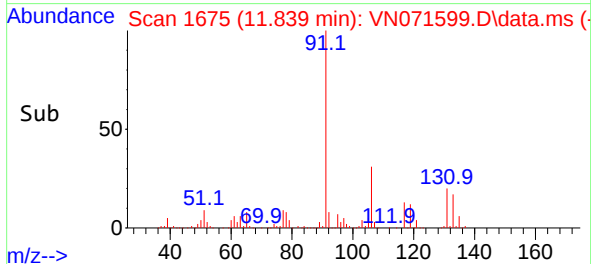
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



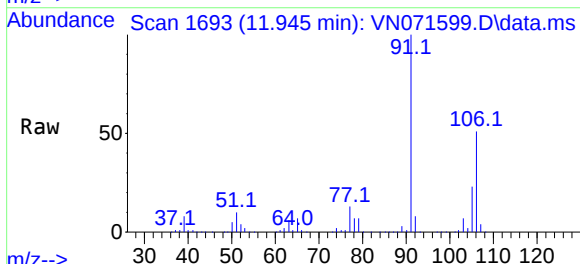
Tgt Ion: 91 Resp: 671114
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3

Manual Integrations
APPROVED

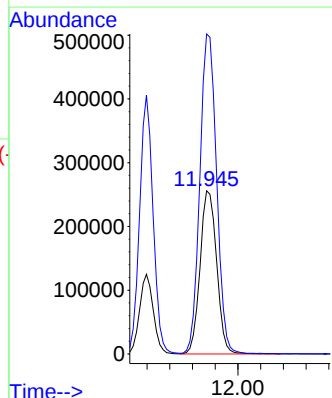
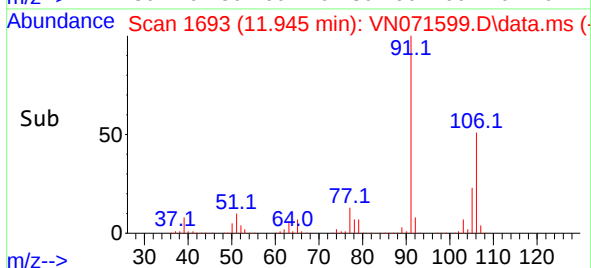
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

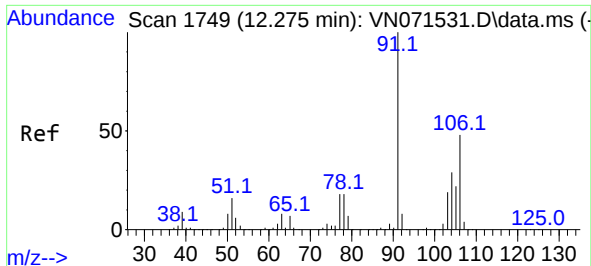


#68
m/p-Xylenes
Concen: 39.803 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37



Tgt Ion:106 Resp: 518764
Ion Ratio Lower Upper
106 100
91 197.9 158.9 238.3





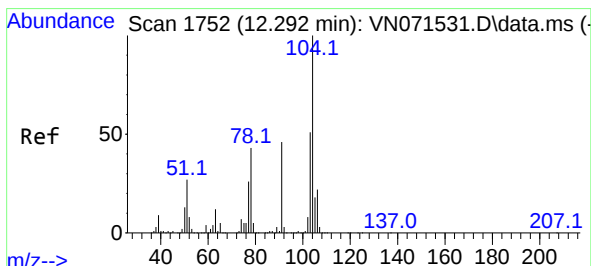
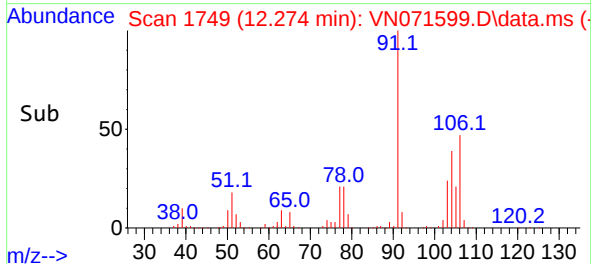
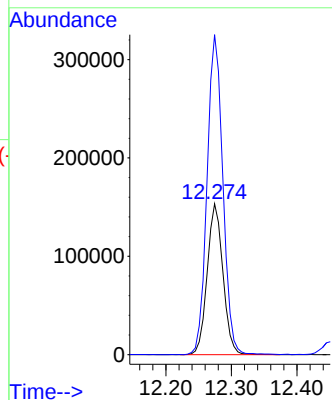
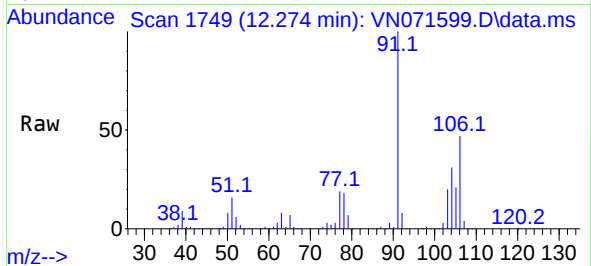
#69
o-Xylene
Concen: 19.790 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

Tgt Ion:106 Resp: 256244
Ion Ratio Lower Upper
106 100
91 213.1 106.0 318.0

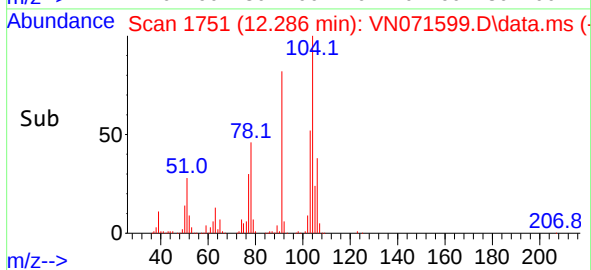
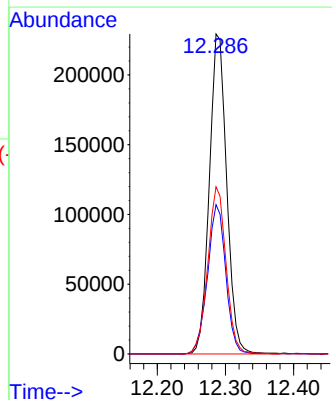
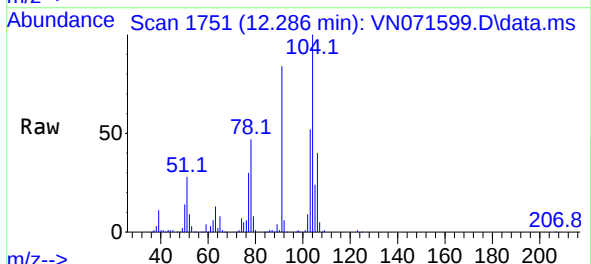
Manual Integrations
APPROVED

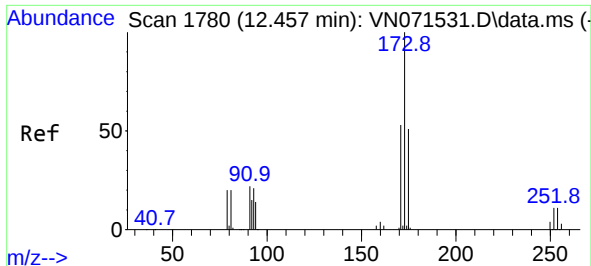
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#70
Styrene
Concen: 20.162 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

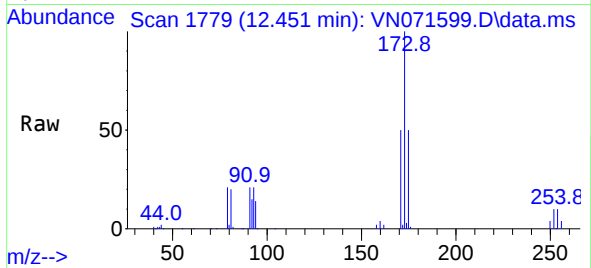
Tgt Ion:104 Resp: 407040
Ion Ratio Lower Upper
104 100
78 49.1 39.5 59.3
103 55.0 44.0 66.0





#71
Bromoform
Concen: 20.206 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

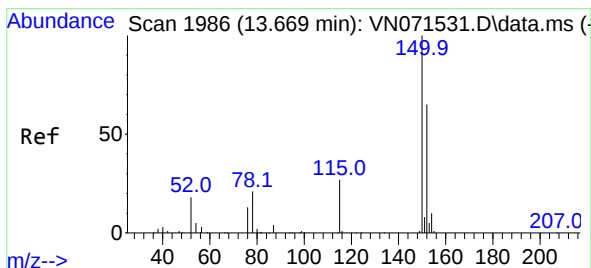
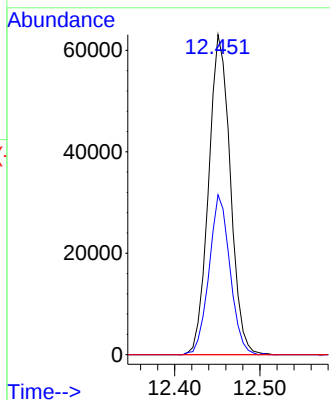
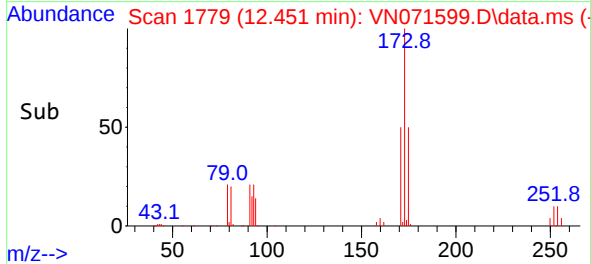
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



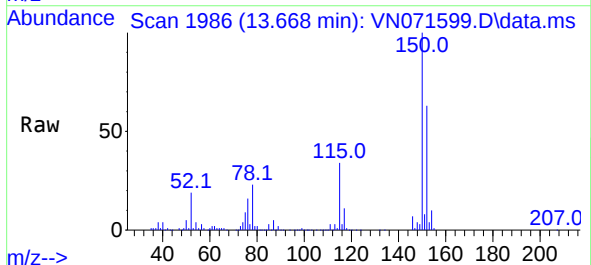
Tgt Ion:173 Resp: 11154
Ion Ratio Lower Upper
173 100
175 48.2 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

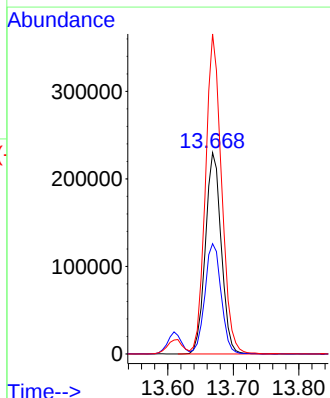
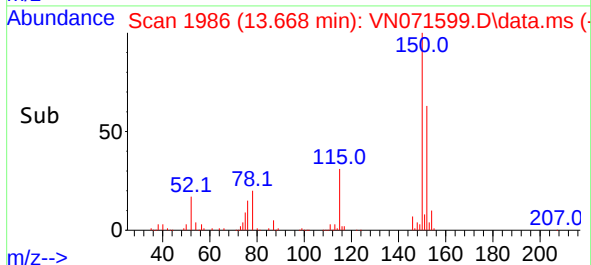
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

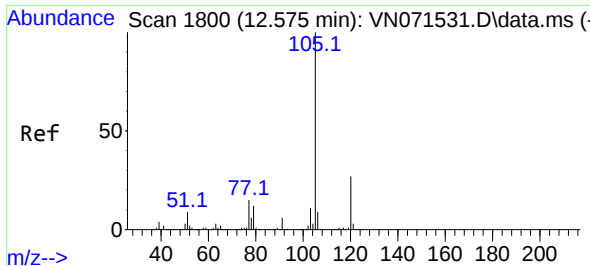


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37



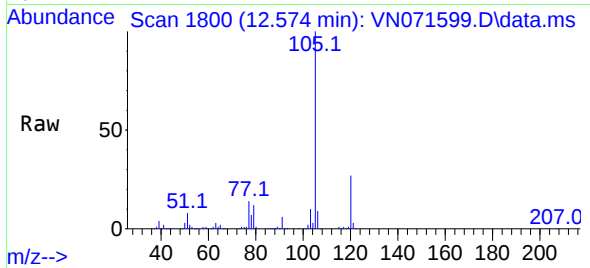
Tgt Ion:152 Resp: 386806
Ion Ratio Lower Upper
152 100
115 56.4 28.9 86.7
150 161.2 0.0 356.2





#73
Isopropylbenzene
Concen: 19.282 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

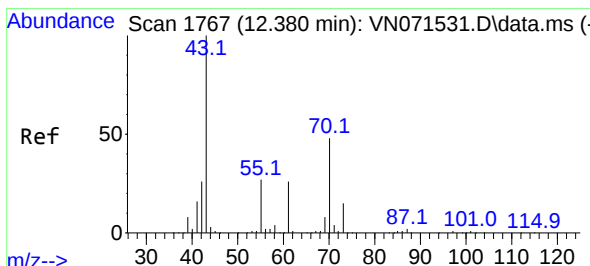
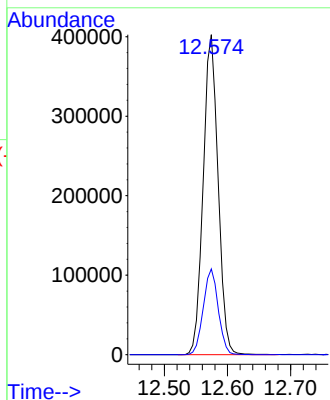
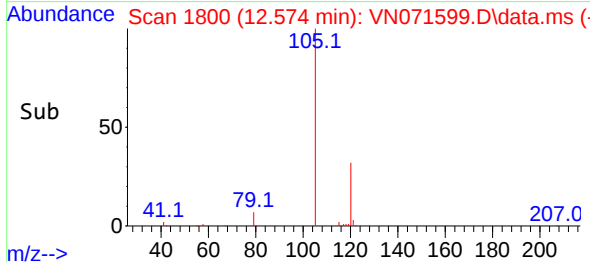
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



Tgt Ion:105 Resp: 65756
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4

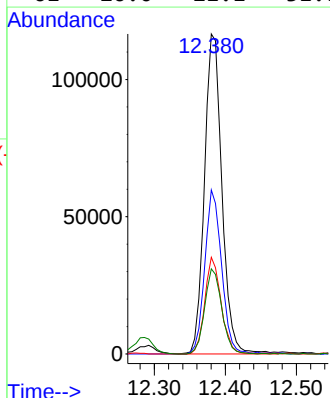
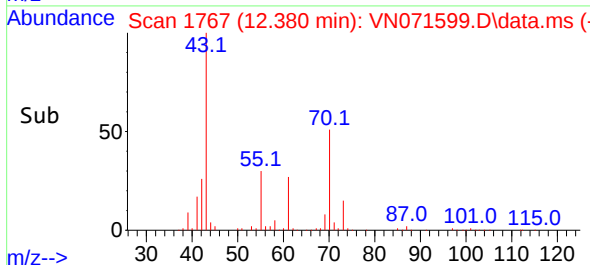
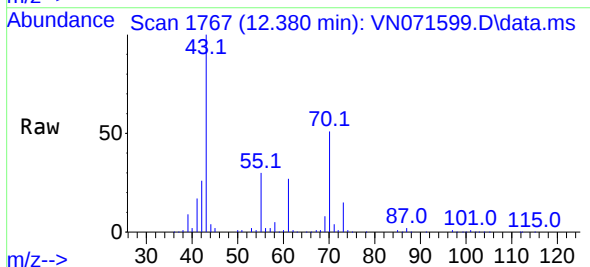
Manual Integrations
APPROVED

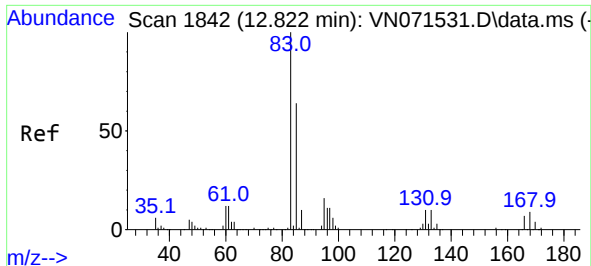
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#74
N-ethyl acetate
Concen: 18.261 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

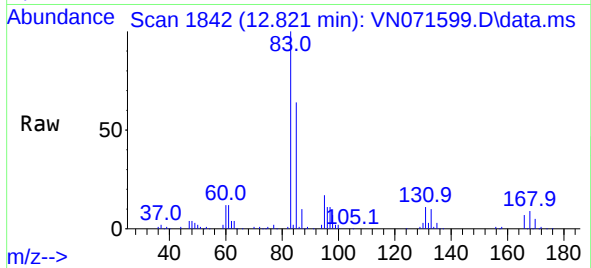
Tgt Ion: 43 Resp: 200161
Ion Ratio Lower Upper
43 100
70 49.1 39.0 58.4
55 28.2 21.1 31.7
61 26.0 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.660 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

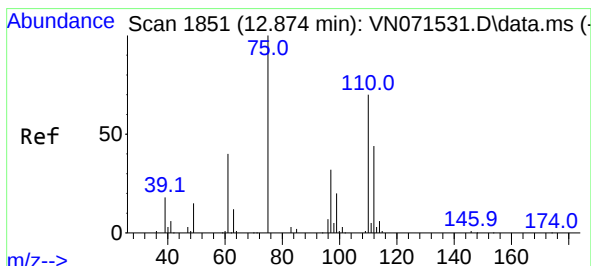
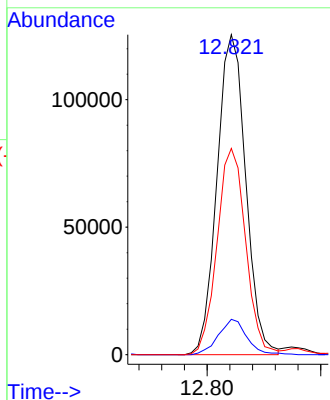
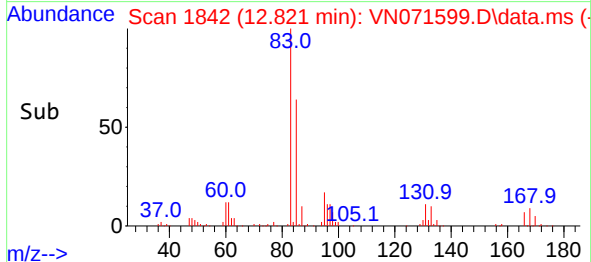
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



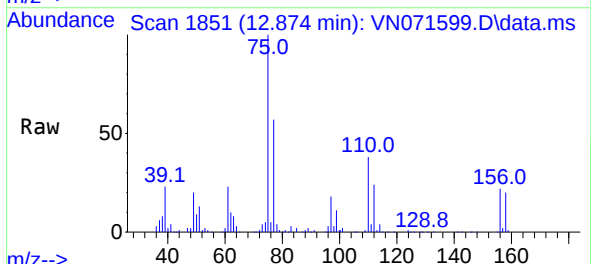
Tgt Ion: 83 Resp: 22061
Ion Ratio Lower Upper
83 100
131 11.0 5.3 15.9
85 64.0 32.3 96.9

Manual Integrations
APPROVED

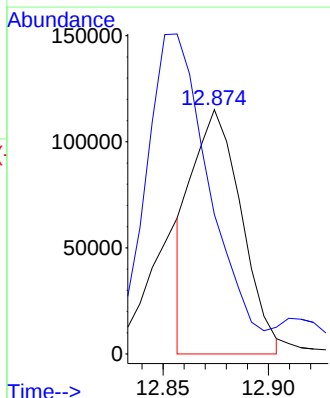
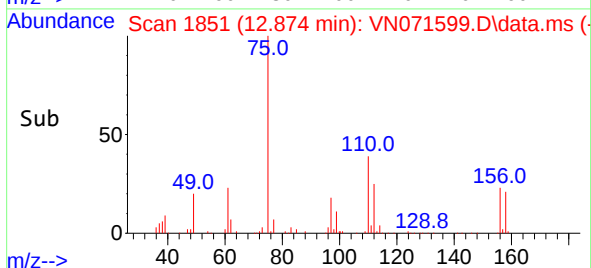
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

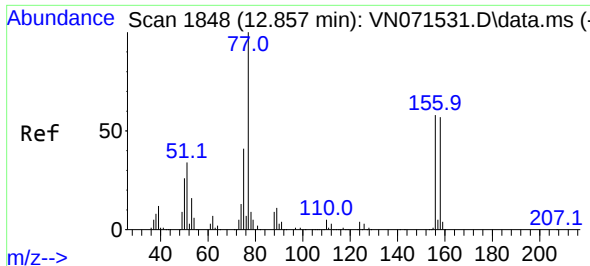


#76
1,2,3-Trichloropropane
Concen: 21.900 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37



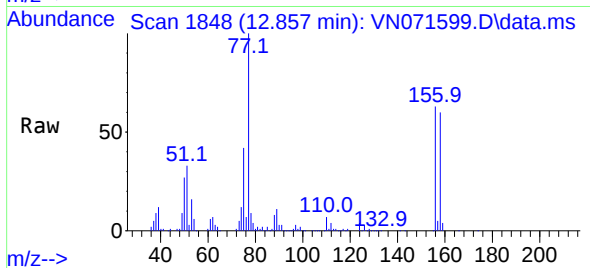
Tgt Ion: 75 Resp: 188896
Ion Ratio Lower Upper
75 100
77 169.6 98.5 295.5





#77
Bromobenzene
Concen: 19.354 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

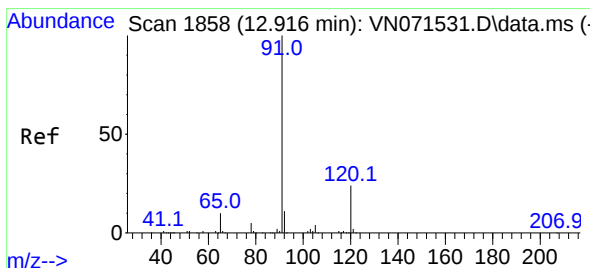
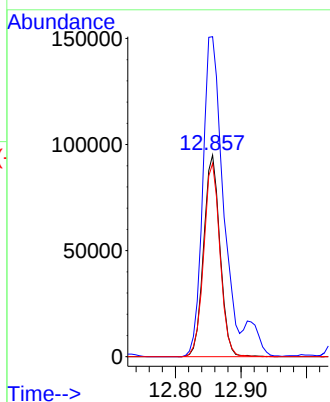
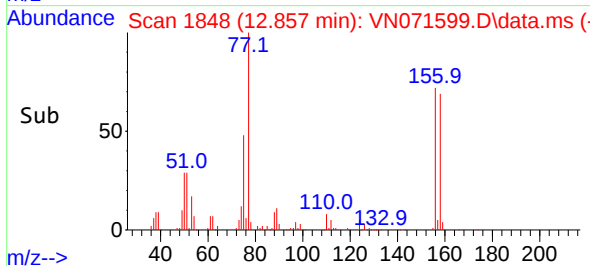
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



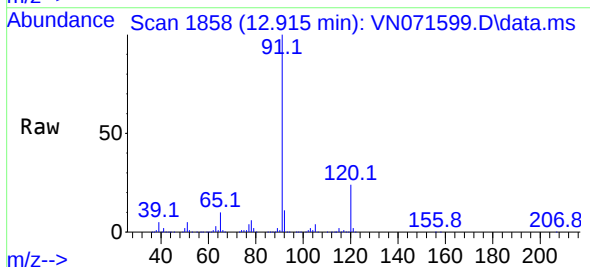
Tgt Ion:156 Resp: 16448
Ion Ratio Lower Upper
156 100
77 194.7 100.5 301.5
158 95.6 48.9 146.6

Manual Integrations
APPROVED

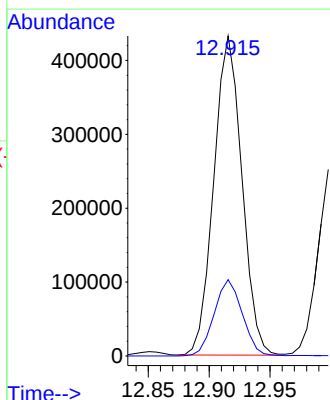
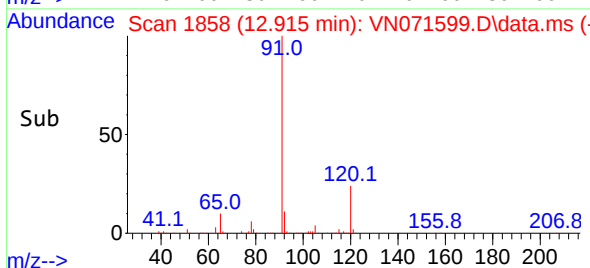
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

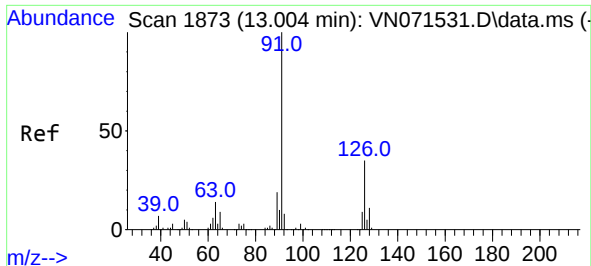


#78
n-propylbenzene
Concen: 19.087 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37



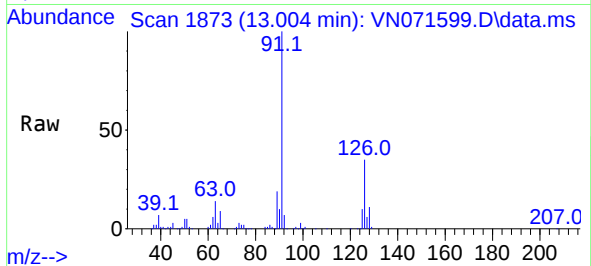
Tgt Ion: 91 Resp: 692507
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.5





#79
2-Chlorotoluene
Concen: 18.869 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

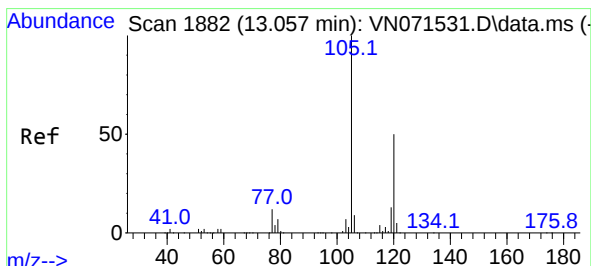
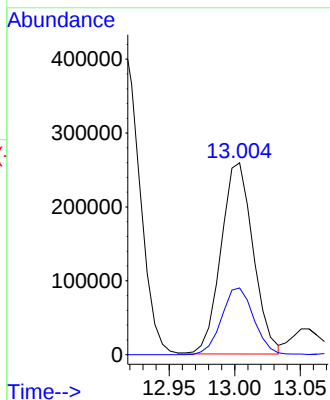
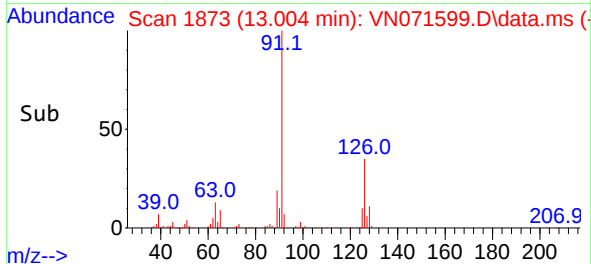
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



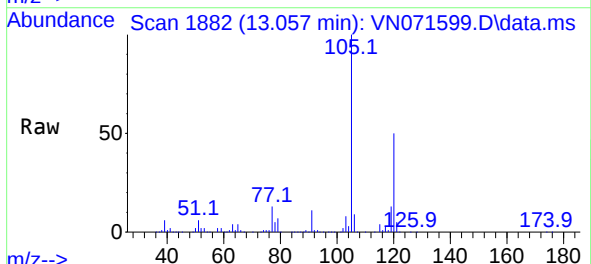
Tgt Ion: 91 Resp: 441762
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.9

Manual Integrations
APPROVED

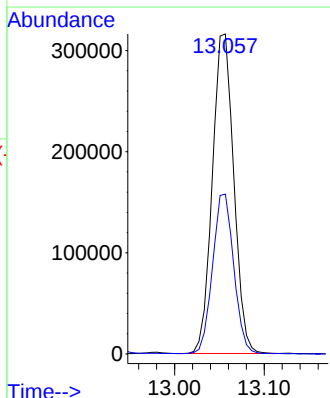
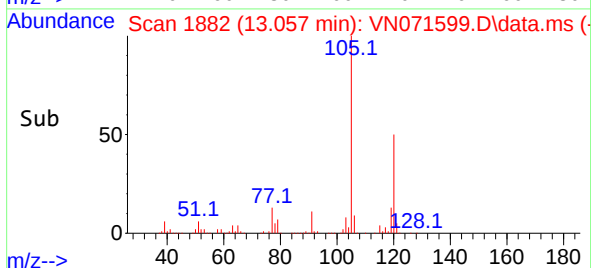
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

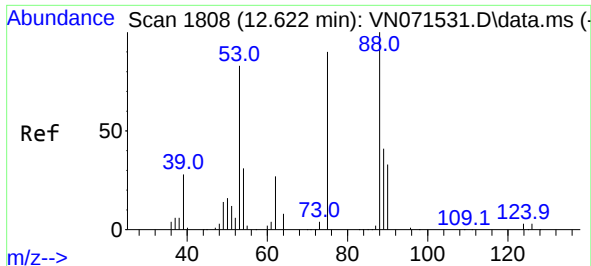


#80
1,3,5-Trimethylbenzene
Concen: 19.475 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37



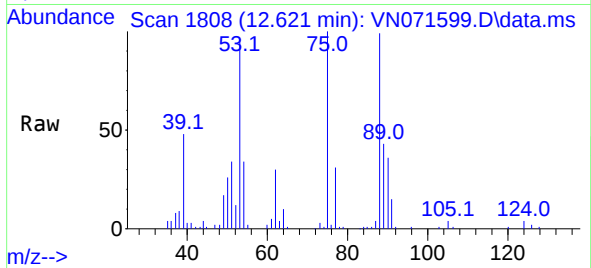
Tgt Ion:105 Resp: 524257
Ion Ratio Lower Upper
105 100
120 49.8 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 19.367 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

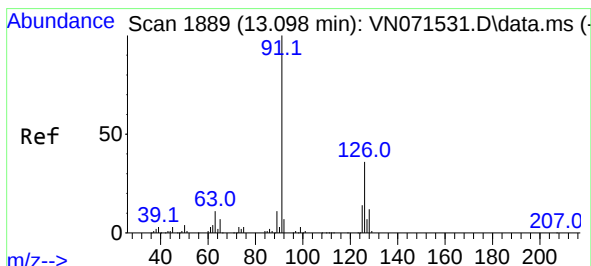
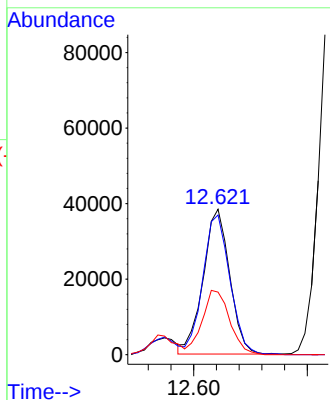
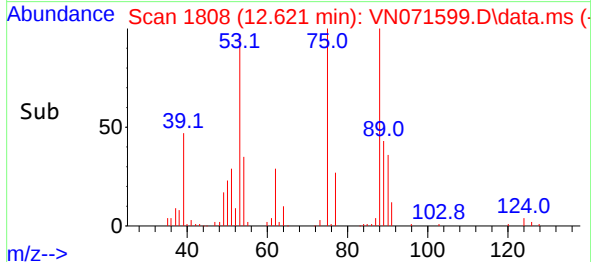
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



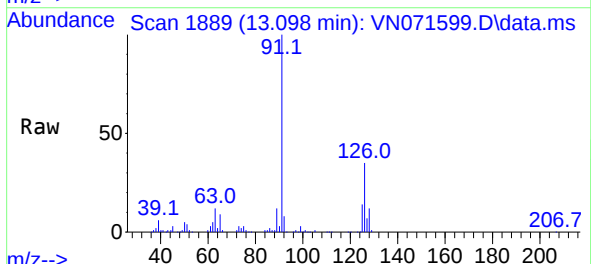
Tgt Ion: 75 Resp: 62395
Ion Ratio Lower Upper
75 100
53 98.0 78.0 117.0
89 45.8 37.2 55.8

Manual Integrations
APPROVED

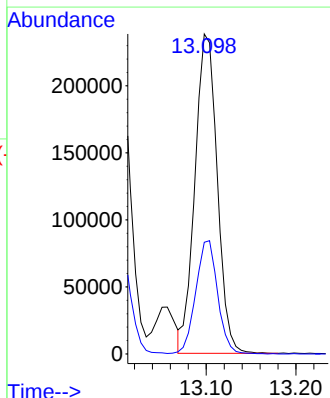
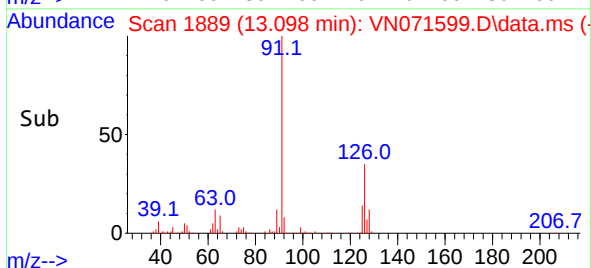
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

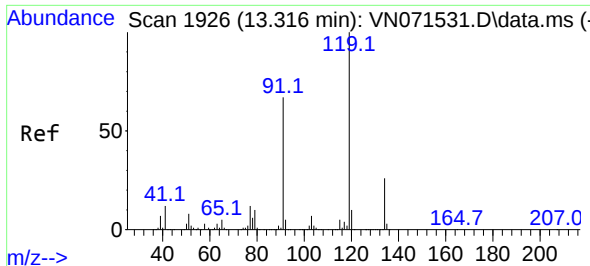


#82
4-Chlorotoluene
Concen: 19.079 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37



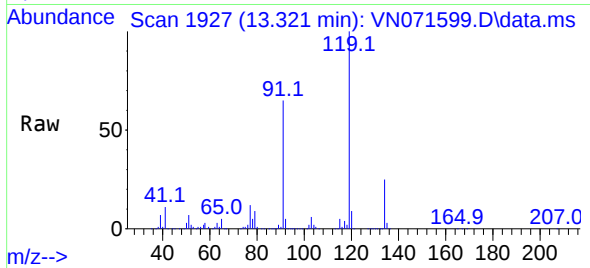
Tgt Ion: 91 Resp: 411241
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





#83
tert-Butylbenzene
Concen: 19.458 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

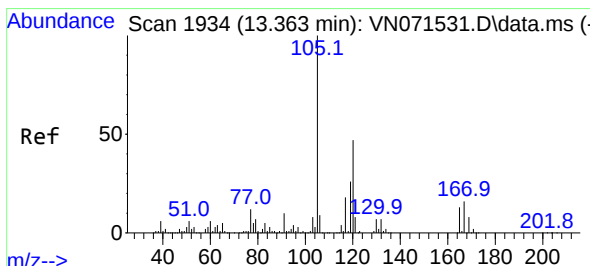
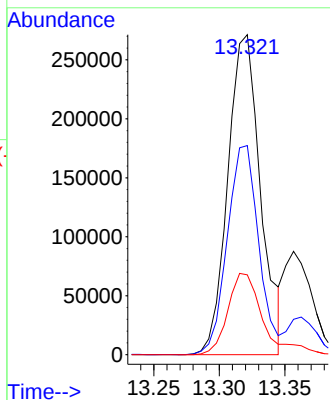
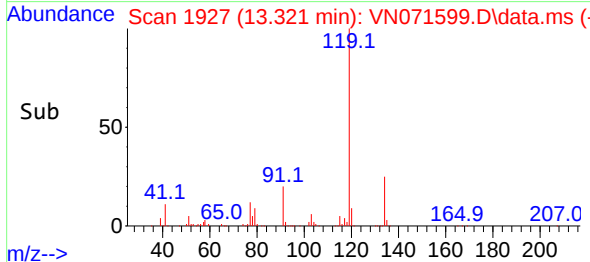
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



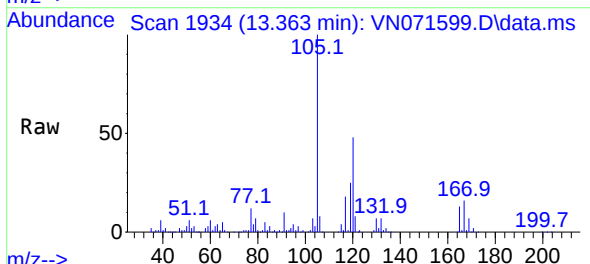
Tgt Ion:119 Resp: 472832
Ion Ratio Lower Upper
119 100
91 62.6 31.6 94.8
134 27.2 13.7 41.1

Manual Integrations
APPROVED

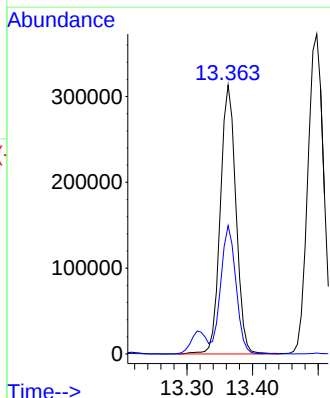
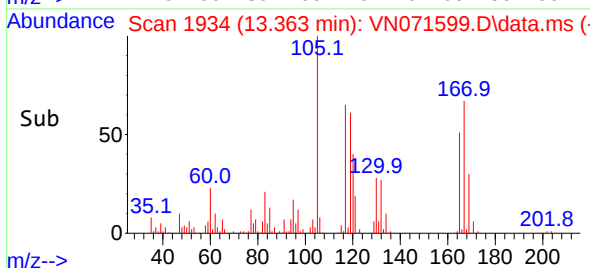
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

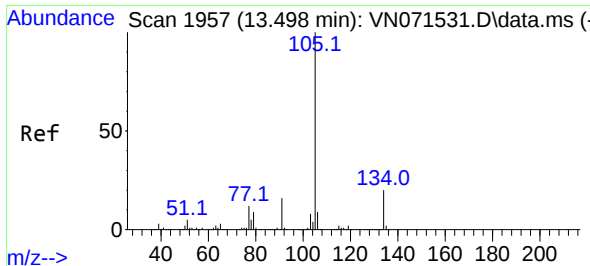


#84
1,2,4-Trimethylbenzene
Concen: 19.923 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37



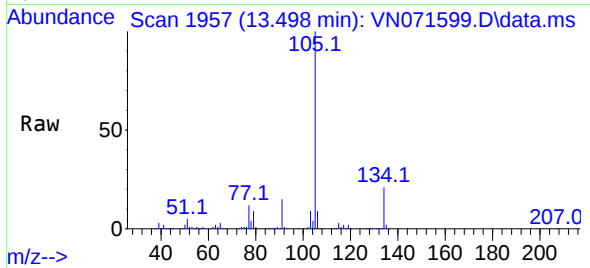
Tgt Ion:105 Resp: 517530
Ion Ratio Lower Upper
105 100
120 46.3 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 19.478 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071599.D
 Acq: 28 Mar 2022 12:37

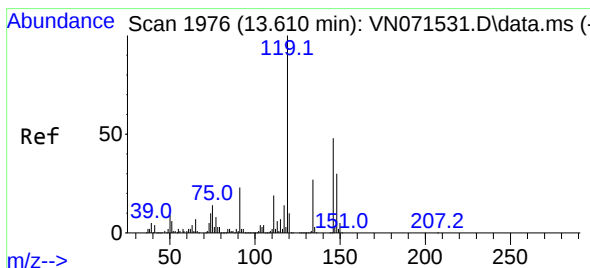
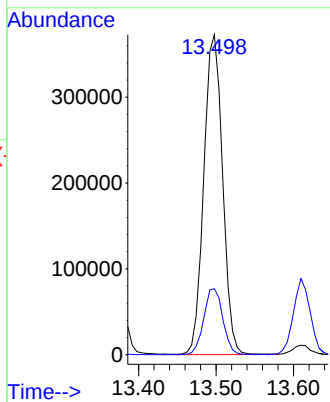
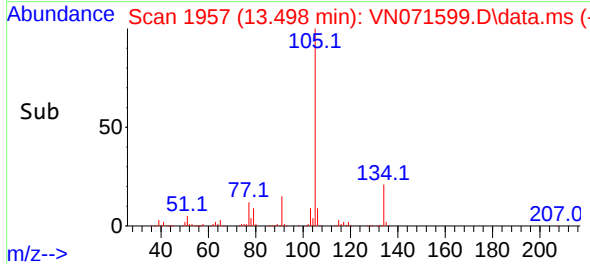
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBSD01



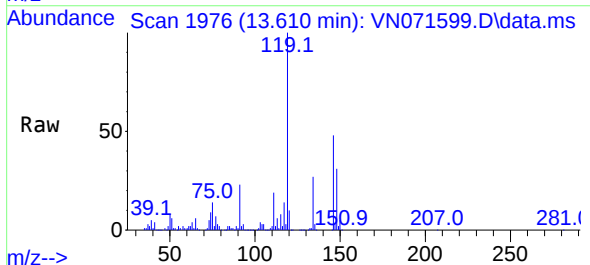
Tgt Ion:105 Resp: 627390
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1

Manual Integrations
 APPROVED

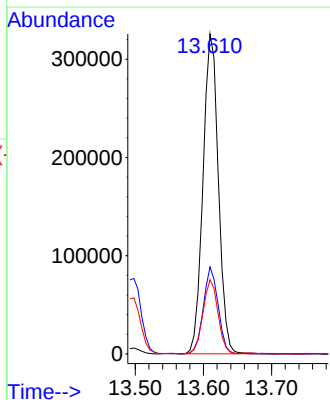
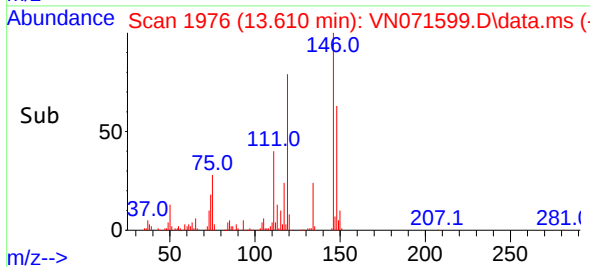
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022

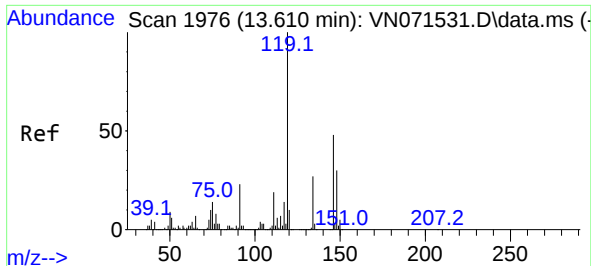


#86
 p-Isopropyltoluene
 Concen: 19.895 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071599.D
 Acq: 28 Mar 2022 12:37



Tgt Ion:119 Resp: 510837
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 22.5 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 19.502 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN071599.D

Acq: 28 Mar 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01

Tgt Ion:146 Resp: 268830

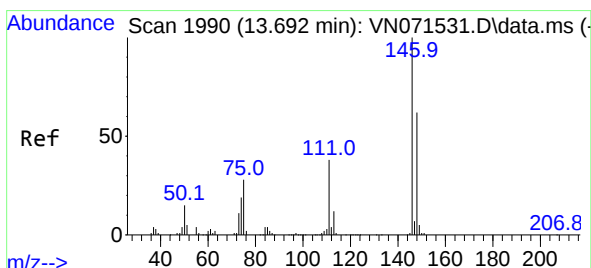
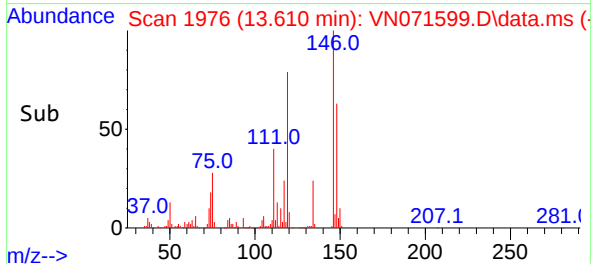
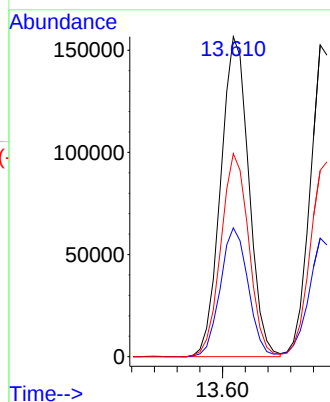
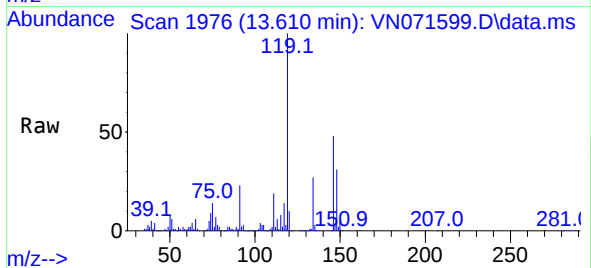
Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.0	60.0
148	63.1	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#88

1,4-Dichlorobenzene

Concen: 18.975 ug/l

RT: 13.686 min Scan# 1989

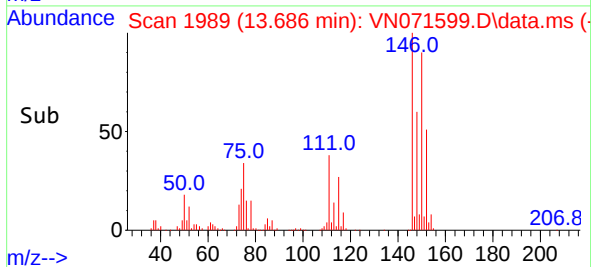
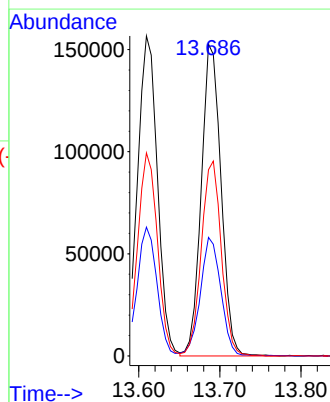
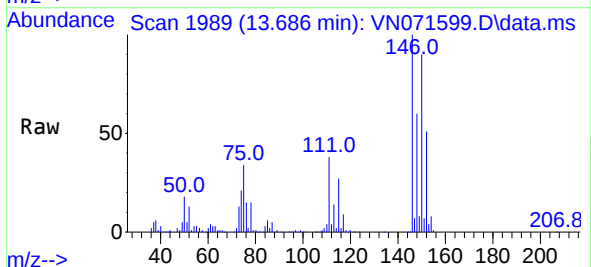
Delta R.T. -0.006 min

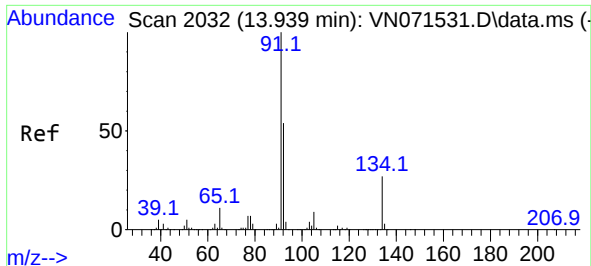
Lab File: VN071599.D

Acq: 28 Mar 2022 12:37

Tgt Ion:146 Resp: 258526

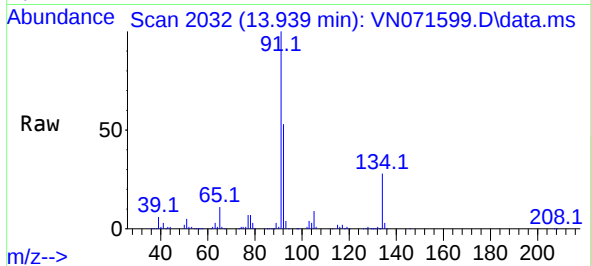
Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.1	57.1
148	63.4	31.4	94.3





#89
n-Butylbenzene
Concen: 18.152 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

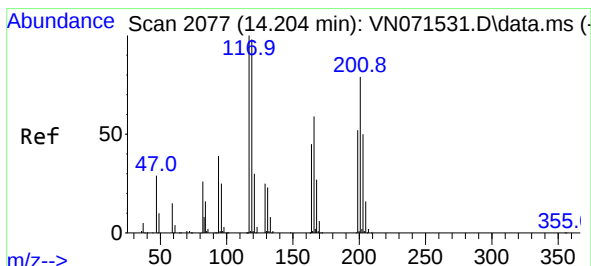
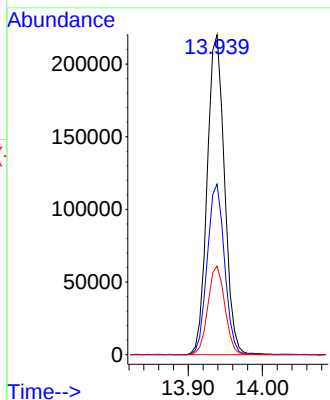
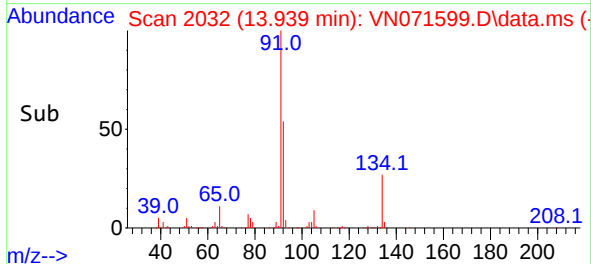
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



Tgt Ion: 91 Resp: 35694
Ion Ratio Lower Upper
91 100
92 53.4 26.9 80.7
134 27.2 13.6 40.8

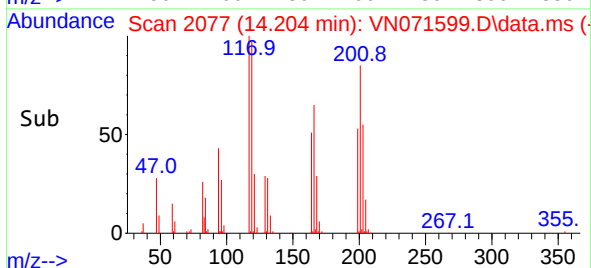
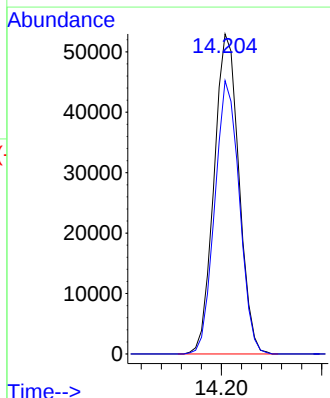
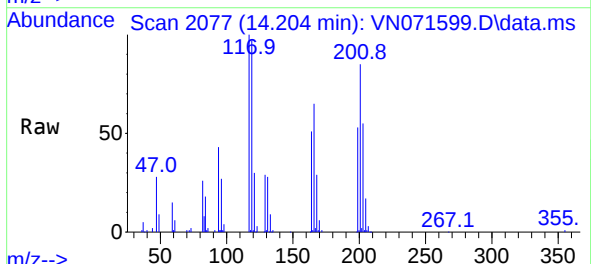
Manual Integrations
APPROVED

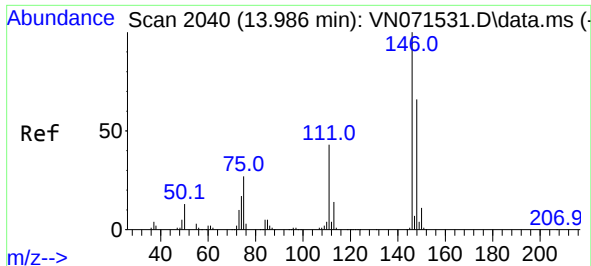
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#90
Hexachloroethane
Concen: 18.188 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

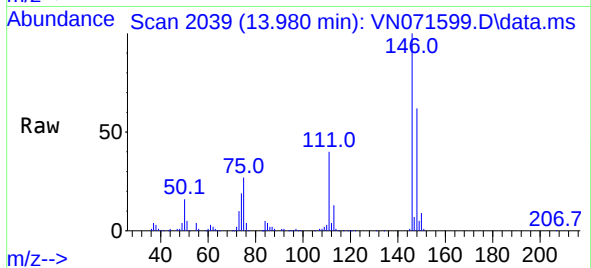
Tgt Ion:117 Resp: 91150
Ion Ratio Lower Upper
117 100
201 84.3 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 19.816 ug/l
RT: 13.980 min Scan# 2040
Delta R.T. -0.006 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

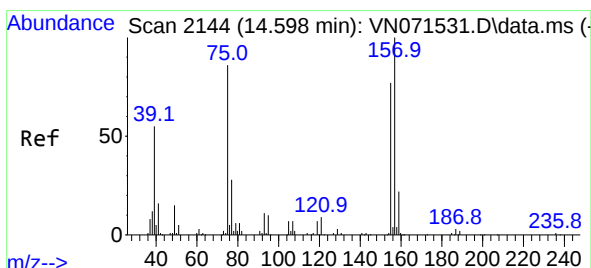
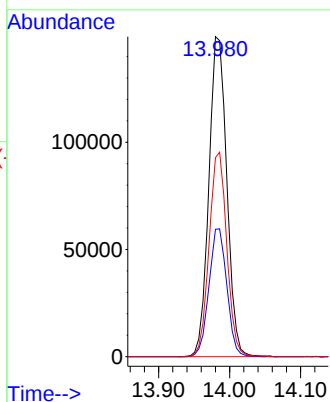
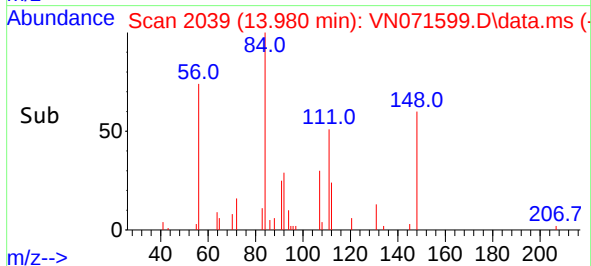
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



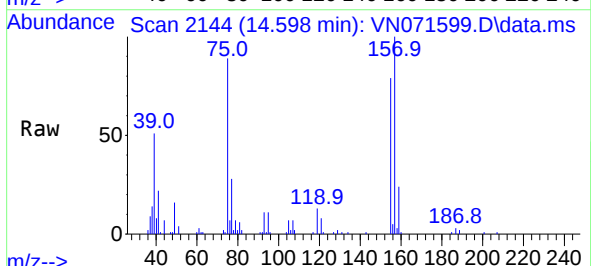
Tgt Ion:146 Resp: 261850
Ion Ratio Lower Upper
146 100
111 39.9 20.9 62.8
148 63.0 32.1 96.3

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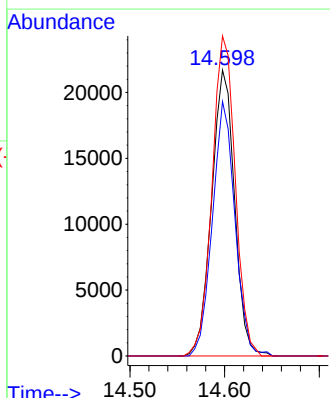
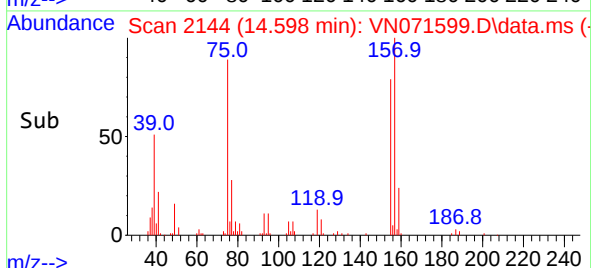
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

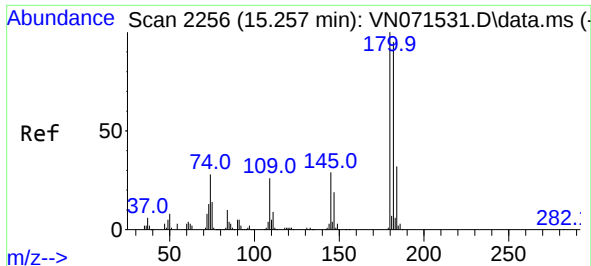


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.115 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37



Tgt Ion: 75 Resp: 36530
Ion Ratio Lower Upper
75 100
155 87.3 44.9 134.5
157 112.7 59.0 176.8





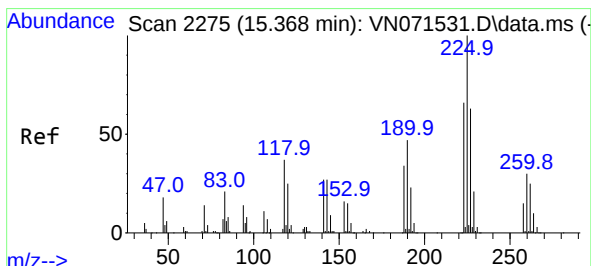
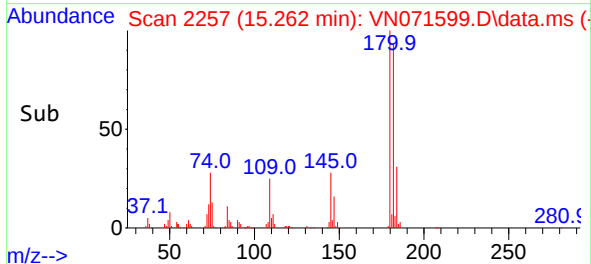
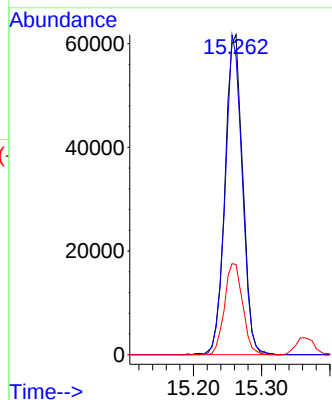
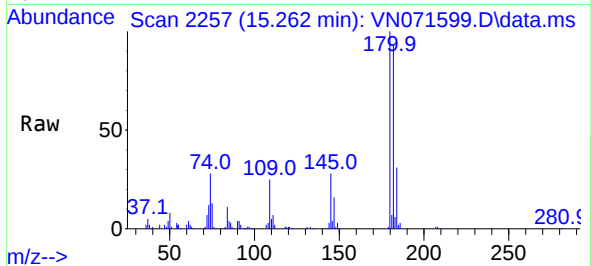
#93
1,2,4-Trichlorobenzene
Concen: 18.259 ug/l
RT: 15.262 min Scan# 211804
Delta R.T. 0.006 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

Tgt Ion:180 Resp: 111804
Ion Ratio Lower Upper
180 100
182 95.7 47.5 142.5
145 29.2 14.5 43.5

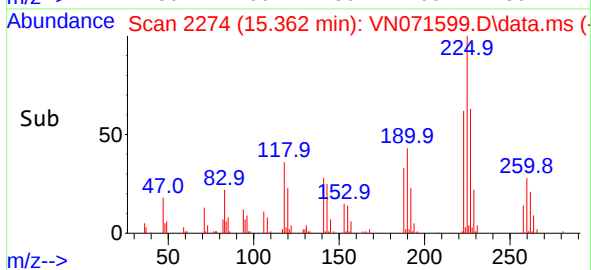
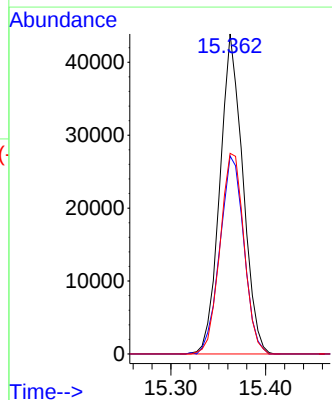
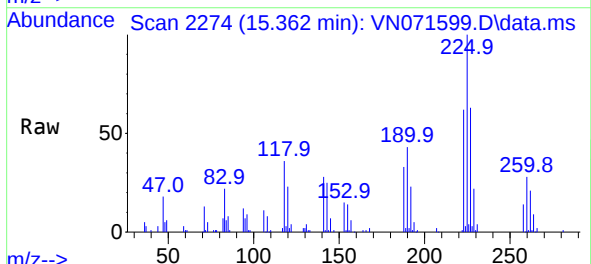
Manual Integrations
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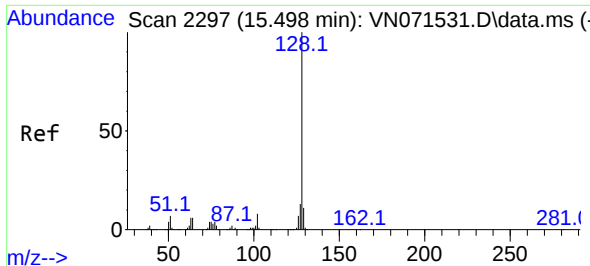
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#94
Hexachlorobutadiene
Concen: 19.955 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

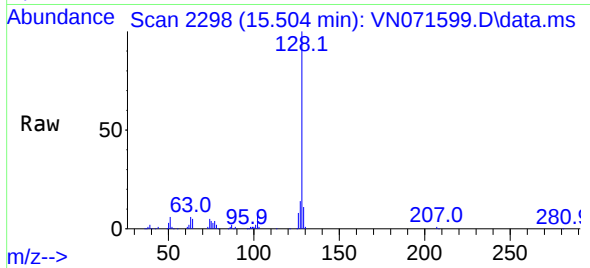
Tgt Ion:225 Resp: 73893
Ion Ratio Lower Upper
225 100
223 64.6 32.4 97.2
227 65.5 31.8 95.4





#95
Naphthalene
Concen: 16.832 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

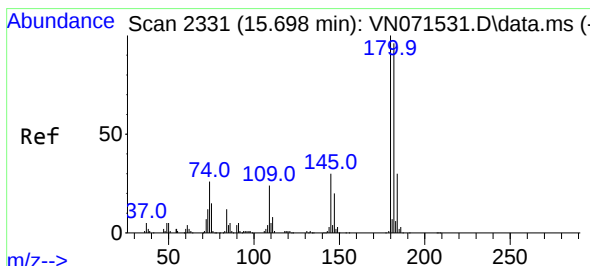
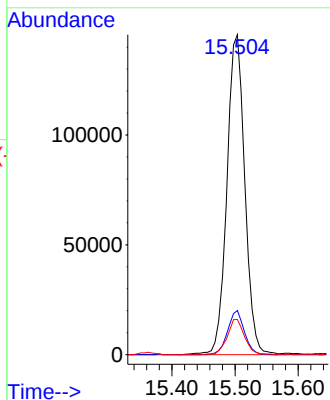
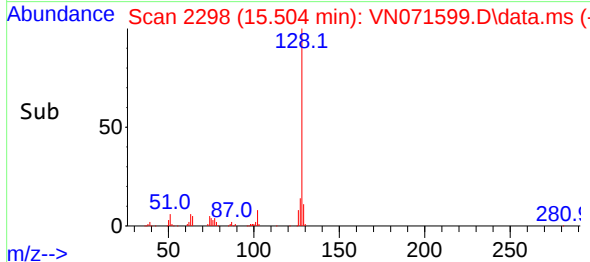
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



Tgt Ion:128 Resp: 286500
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#96
1,2,3-Trichlorobenzene
Concen: 17.835 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN071599.D
Acq: 28 Mar 2022 12:37

Tgt Ion:180 Resp: 108356
Ion Ratio Lower Upper
180 100
182 96.1 47.8 143.3
145 29.7 15.5 46.5

