

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022322\
 Data File : VN071035.D
 Acq On : 23 Feb 2022 16:02
 Operator : JC\MD
 Sample : VN0223WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/24/2022
 Supervised By : Mahesh Dadoda 02/24/2022

Quant Time: Feb 24 00:39:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	576045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	926595	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	838562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	312121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	367823	55.898	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.800%			
35) Dibromofluoromethane	8.022	113	284600	51.639	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.280%			
50) Toluene-d8	10.439	98	1119760	50.592	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.180%			
62) 4-Bromofluorobenzene	12.727	95	358278	45.286	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	101449	16.956	ug/l	98
3) Chloromethane	2.299	50	140396	18.669	ug/l	99
4) Vinyl Chloride	2.446	62	127019	16.873	ug/l	98
5) Bromomethane	2.846	94	75301	17.608	ug/l	98
6) Chloroethane	3.010	64	79232	16.043	ug/l	94
7) Trichlorofluoromethane	3.375	101	171574	18.186	ug/l	96
8) Diethyl Ether	3.828	74	77414	18.876	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.216	101	102396	17.690	ug/l	96
10) Methyl Iodide	4.428	142	141243	17.619	ug/l	97
11) Tert butyl alcohol	5.363	59	128082	106.805	ug/l	98
12) 1,1-Dichloroethene	4.187	96	97460	17.282	ug/l	99
13) Acrolein	4.040	56	125925	117.512	ug/l	98
14) Allyl chloride	4.840	41	203490	18.920	ug/l	86
15) Acrylonitrile	5.551	53	402410	113.922	ug/l	99
16) Acetone	4.287	43	328981	90.781	ug/l	95
17) Carbon Disulfide	4.534	76	235875	14.585	ug/l	99
18) Methyl Acetate	4.851	43	185478	23.050	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	404337	20.439	ug/l	96
20) Methylene Chloride	5.092	84	131325	19.940	ug/l	95
21) trans-1,2-Dichloroethene	5.604	96	104647	17.289	ug/l	91
22) Diisopropyl ether	6.492	45	455143	22.064	ug/l	93
23) Vinyl Acetate	6.434	43	1890412	108.259	ug/l	98
24) 1,1-Dichloroethane	6.392	63	229372	19.835	ug/l	98
25) 2-Butanone	7.328	43	535367	111.053	ug/l	95
26) 2,2-Dichloropropane	7.328	77	175867	18.299	ug/l	98
27) cis-1,2-Dichloroethene	7.328	96	132106	18.989	ug/l	92
28) Bromochloromethane	7.657	49	98520	21.050	ug/l	85
29) Tetrahydrofuran	7.681	42	373976	119.748	ug/l	93
30) Chloroform	7.816	83	224977	19.781	ug/l	100
31) Cyclohexane	8.092	56	213711	18.779	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	182022	18.532	ug/l	98
36) 1,1-Dichloropropene	8.216	75	159580	17.673	ug/l	97
37) Ethyl Acetate	7.410	43	223858	23.117	ug/l	98
38) Carbon Tetrachloride	8.204	117	154793	17.399	ug/l	100
39) Methylcyclohexane	9.457	83	190111	16.362	ug/l	92
40) Benzene	8.457	78	512341	19.182	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	111036	21.771	ug/l #	91
42) 1,2-Dichloroethane	8.528	62	181802	19.986	ug/l	98
43) Isopropyl Acetate	8.557	43	332659	21.794	ug/l	98
44) Trichloroethene	9.216	130	122641	17.437	ug/l	99
45) 1,2-Dichloropropane	9.486	63	138770	20.283	ug/l	99
46) Dibromomethane	9.575	93	86565	19.226	ug/l	97
47) Bromodichloromethane	9.757	83	170480	18.735	ug/l	97
48) Methyl methacrylate	9.557	41	157146	21.751	ug/l #	85
49) 1,4-Dioxane	9.563	88	53852	419.660	ug/l #	87
51) 4-Methyl-2-Pentanone	10.327	43	1070718	115.293	ug/l	99
52) Toluene	10.504	92	317192	18.899	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	184239	18.620	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	205264	18.890	ug/l	95
55) 1,1,2-Trichloroethane	10.898	97	131142	19.962	ug/l	95
56) Ethyl methacrylate	10.757	69	202345	20.443	ug/l #	91
57) 1,3-Dichloropropane	11.039	76	232195	20.433	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	173543	100.595	ug/l	94
59) 2-Hexanone	11.080	43	728521	114.061	ug/l	99
60) Dibromochloromethane	11.233	129	130531	18.801	ug/l	98
61) 1,2-Dibromoethane	11.339	107	131721	19.712	ug/l	97
64) Tetrachloroethene	10.974	164	113265	17.343	ug/l	97
65) Chlorobenzene	11.769	112	328633	18.187	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.839	131	124141	18.847	ug/l	100
67) Ethyl Benzene	11.839	91	576569	18.231	ug/l	97
68) m/p-Xylenes	11.951	106	439707	35.994	ug/l	99
69) o-Xylene	12.274	106	216944	18.179	ug/l	98
70) Styrene	12.292	104	337520	17.788	ug/l	97
71) Bromoform	12.457	173	91845	17.508	ug/l #	98
73) Isopropylbenzene	12.574	105	553072	22.014	ug/l	100
74) N-amyl acetate	12.386	43	186206	23.187	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.821	83	193882	24.286	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	151455m	20.609	ug/l	
77) Bromobenzene	12.857	156	128395	20.877	ug/l	83
78) n-propylbenzene	12.915	91	583030	20.655	ug/l	98
79) 2-Chlorotoluene	13.004	91	377640	22.030	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	440615	21.648	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	47917	21.129	ug/l	95
82) 4-Chlorotoluene	13.104	91	343405	20.638	ug/l	95
83) tert-Butylbenzene	13.321	119	389689	20.188	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	428551	21.389	ug/l	100
85) sec-Butylbenzene	13.498	105	515403	20.264	ug/l	100
86) p-Isopropyltoluene	13.610	119	409547	19.614	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	210511	19.336	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	199710	18.723	ug/l	98
89) n-Butylbenzene	13.939	91	288291	16.923	ug/l	96
90) Hexachloroethane	14.204	117	75505	20.249	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	204941	20.046	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	29636	22.912	ug/l	87
93) 1,2,4-Trichlorobenzene	15.262	180	79532	15.286	ug/l	99
94) Hexachlorobutadiene	15.368	225	58885	15.795	ug/l	98
95) Naphthalene	15.504	128	174080	16.220	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	74968	15.956	ug/l	99

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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

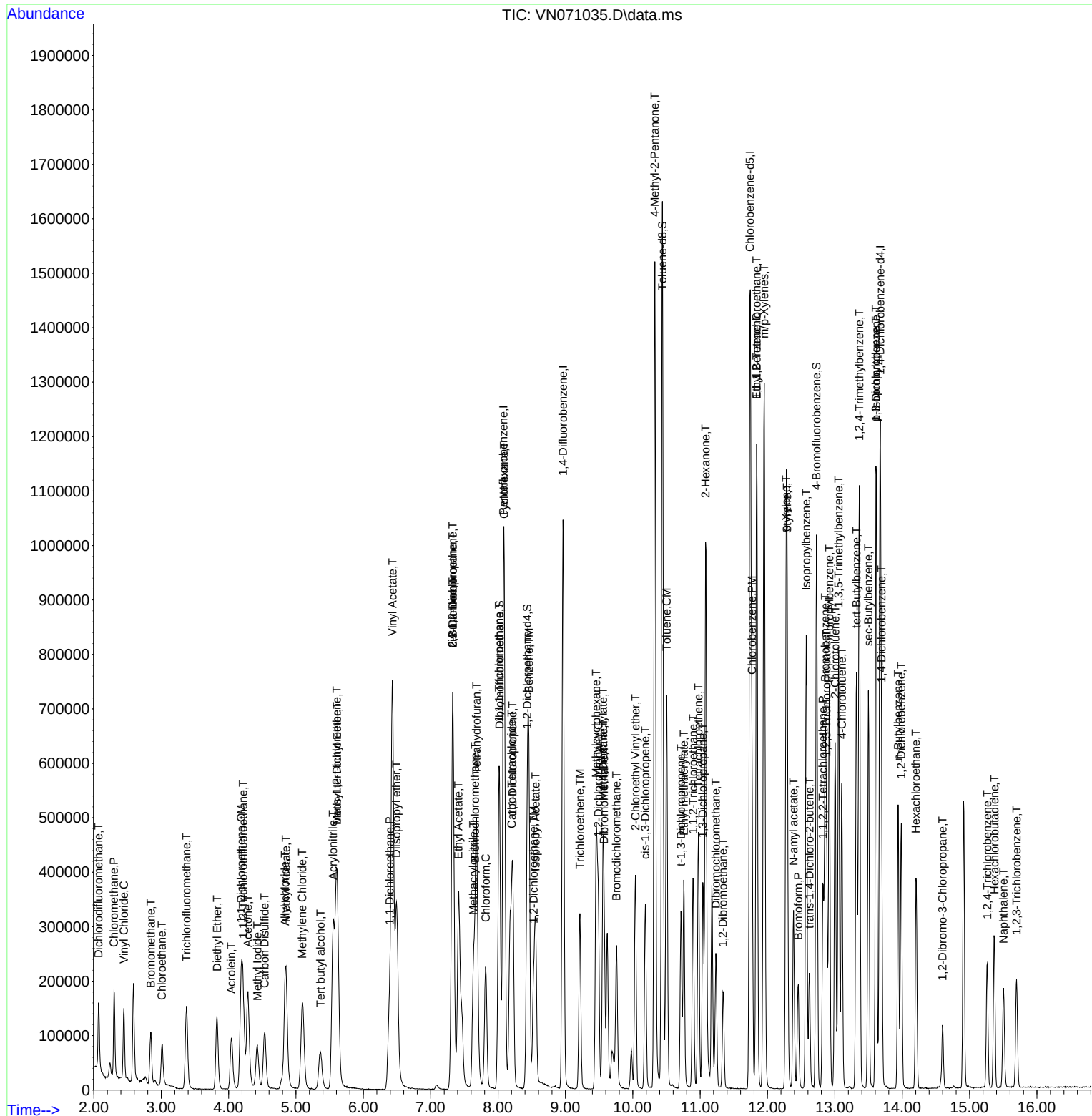
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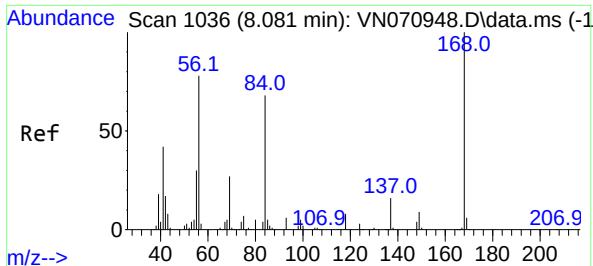
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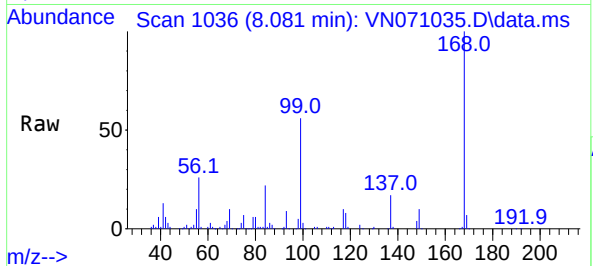
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071035.D
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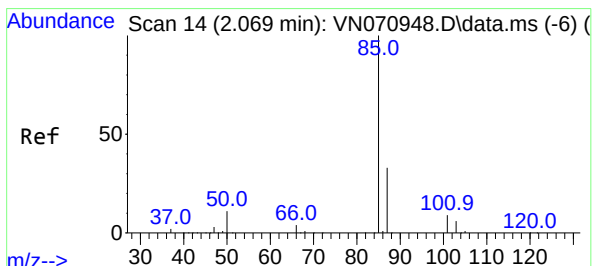
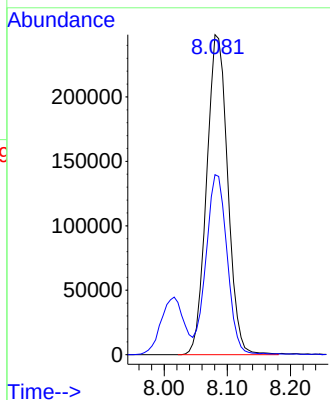
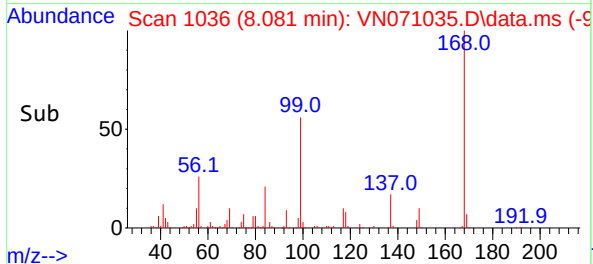
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 57604
Ion Ratio Lower Upper
168 100
99 55.9 41.3 61.9

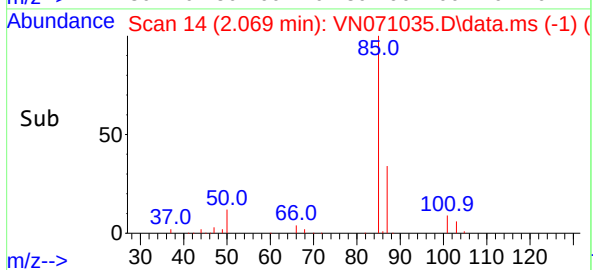
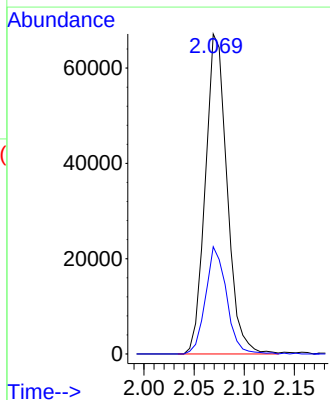
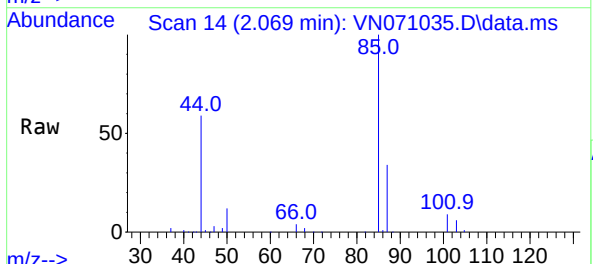
Manual Integrations
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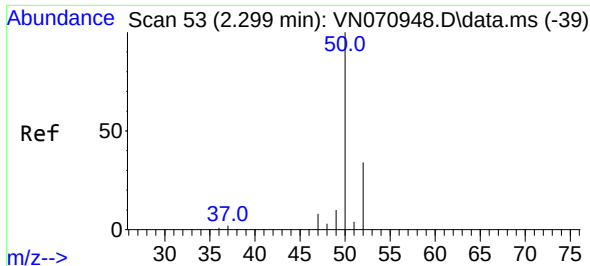
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



Dichlorodifluoromethane
Concen: 16.956 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071035.D
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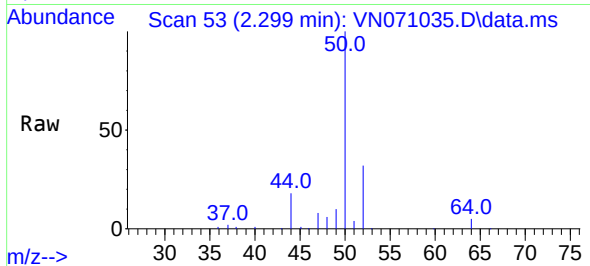
Tgt Ion: 85 Resp: 101449
Ion Ratio Lower Upper
85 100
87 33.5 16.3 48.9





#3
Chloromethane
Concen: 18.669 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

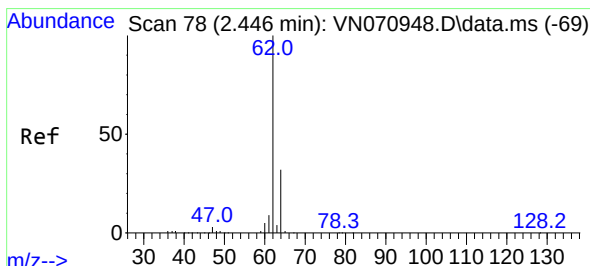
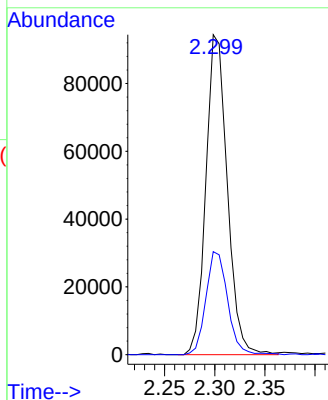
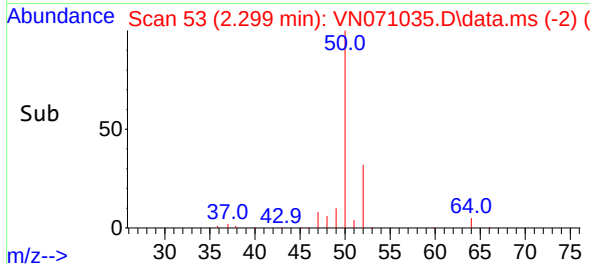
Instrument :
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VN0223WBSD01



Tgt Ion: 50 Resp: 140390
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.0

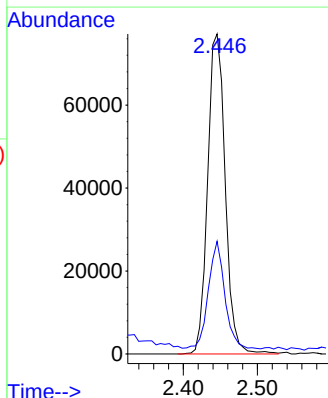
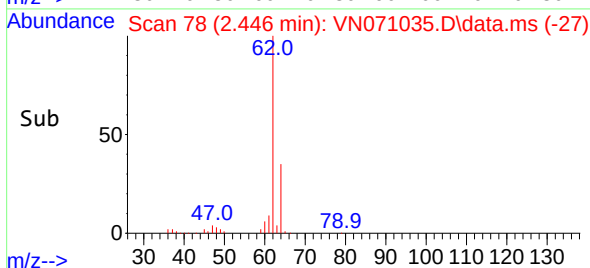
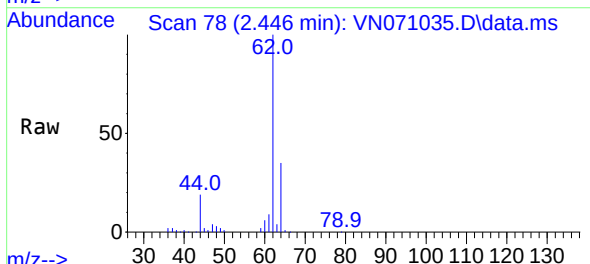
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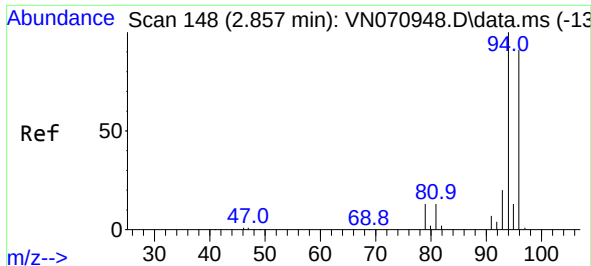
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#4
Vinyl Chloride
Concen: 16.873 ug/l
RT: 2.446 min Scan# 78
Delta R.T. -0.000 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

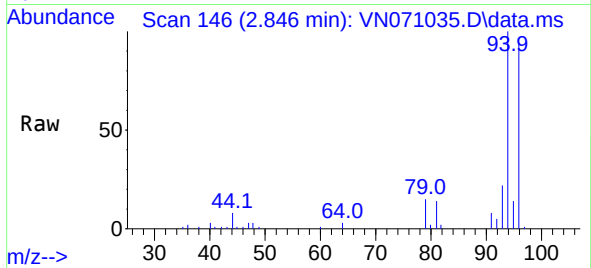
Tgt Ion: 62 Resp: 127019
Ion Ratio Lower Upper
62 100
64 33.1 25.8 38.6





#5
Bromomethane
Concen: 17.608 ug/l
RT: 2.846 min Scan# 14
Delta R.T. -0.012 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

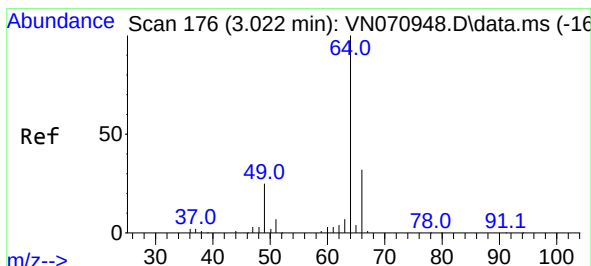
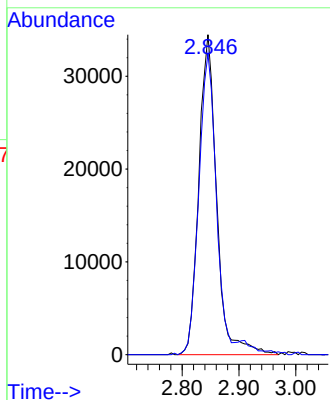
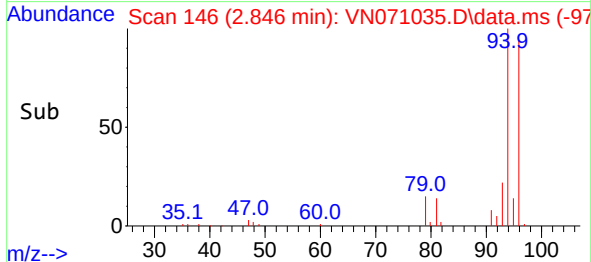
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Tgt Ion: 94 Resp: 7530
Ion Ratio Lower Upper
94 100
96 94.1 73.8 110.8

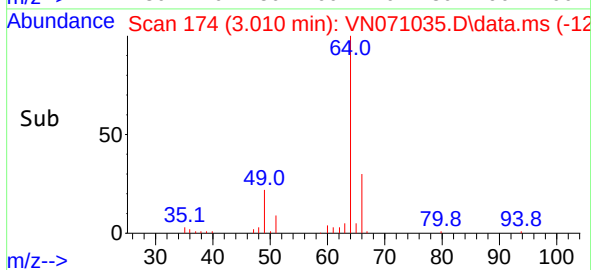
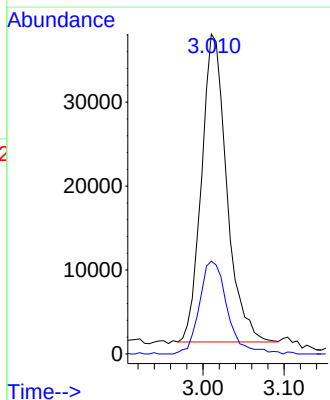
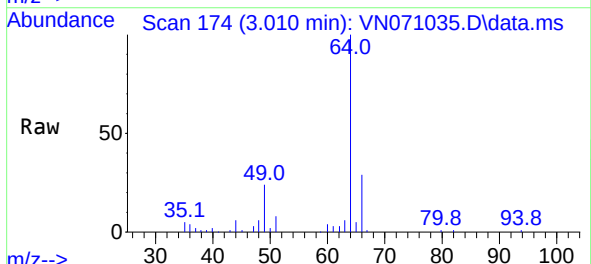
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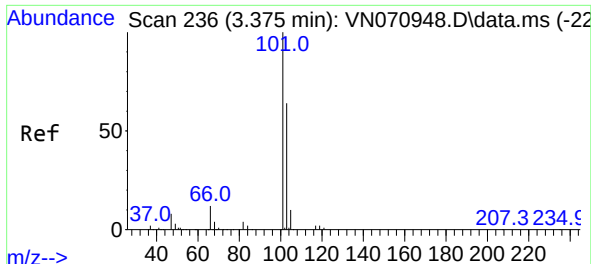
Reviewed By :John Carlone 02/24/2022
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#6
Chloroethane
Concen: 16.043 ug/l
RT: 3.010 min Scan# 174
Delta R.T. -0.012 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

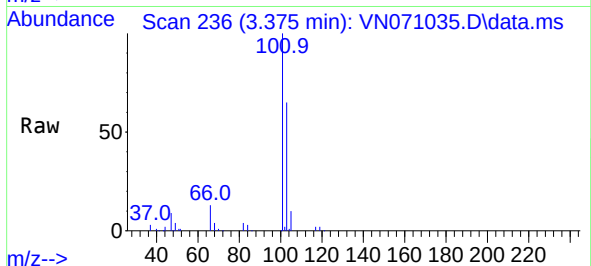
Tgt Ion: 64 Resp: 79232
Ion Ratio Lower Upper
64 100
66 29.6 26.3 39.5





#7
Trichlorofluoromethane
Concen: 18.186 ug/l
RT: 3.375 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

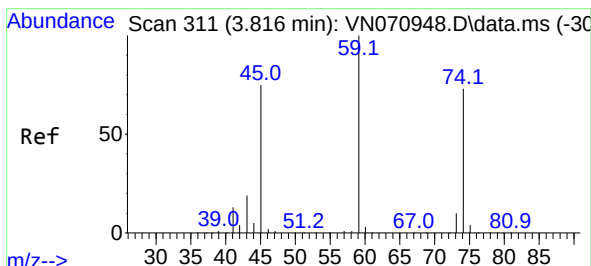
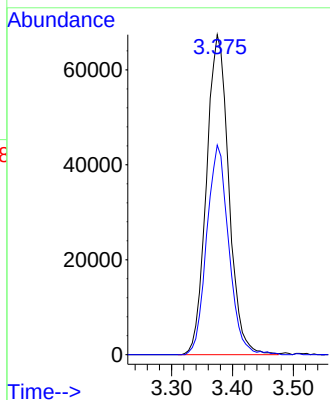
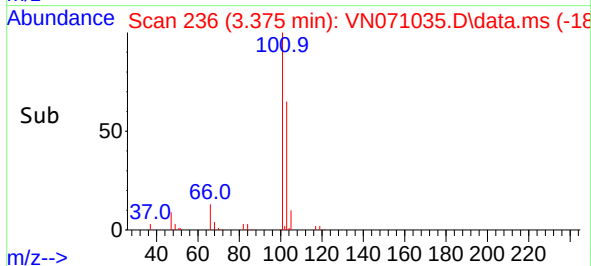
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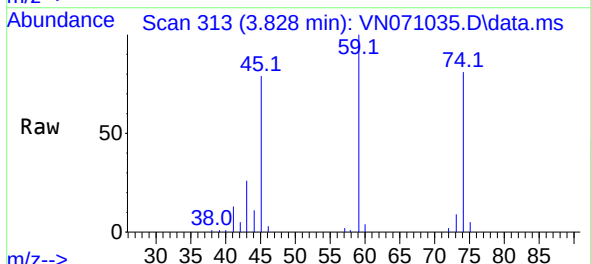
Tgt Ion:101 Resp: 171574
Ion Ratio Lower Upper
101 100
103 65.5 50.1 75.1

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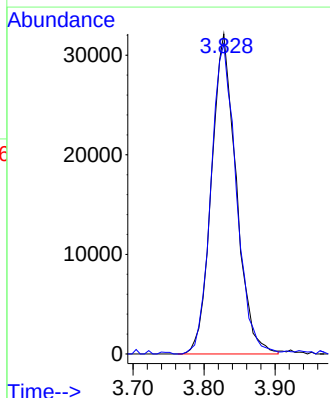
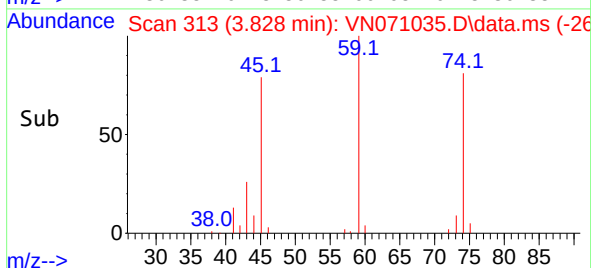
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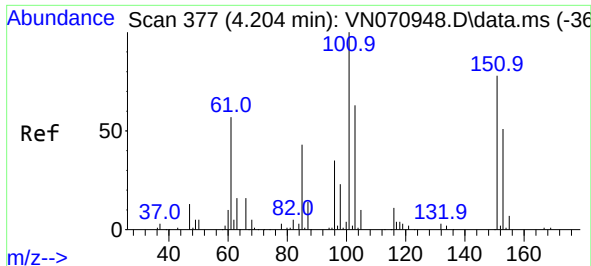


#8
Diethyl Ether
Concen: 18.876 ug/l
RT: 3.828 min Scan# 313
Delta R.T. 0.012 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02



Tgt Ion: 74 Resp: 77414
Ion Ratio Lower Upper
74 100
45 99.6 47.0 141.2





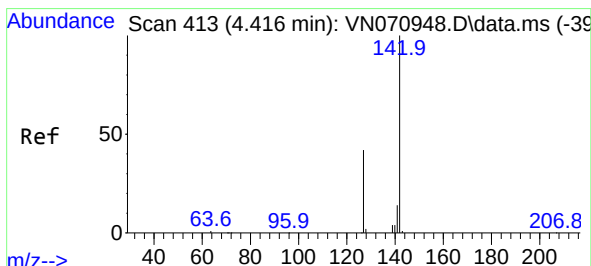
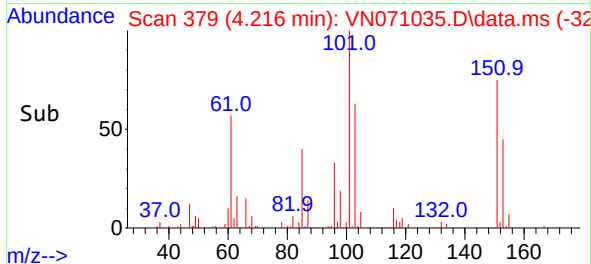
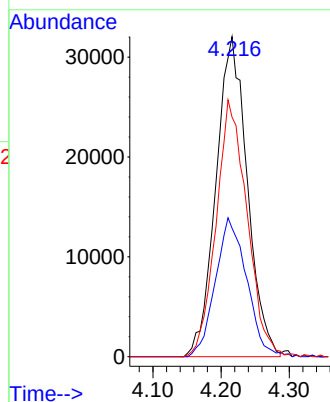
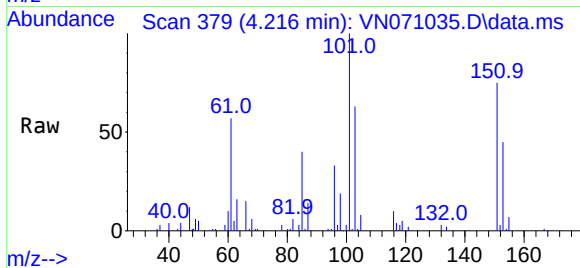
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.690 ug/l
RT: 4.216 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

Tgt Ion:101 Resp: 102390
Ion Ratio Lower Upper
101 100
85 43.3 37.2 55.8
151 79.3 65.9 98.9

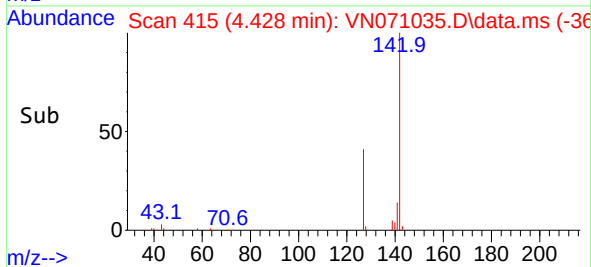
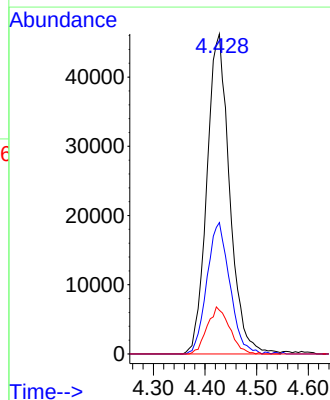
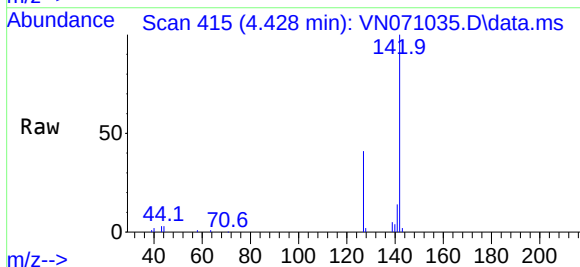
Manual Integrations
APPROVED

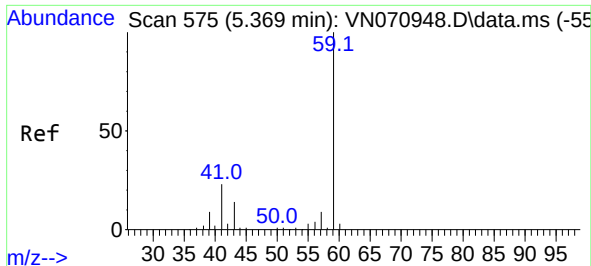
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#10
Methyl Iodide
Concen: 17.619 ug/l
RT: 4.428 min Scan# 415
Delta R.T. 0.012 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

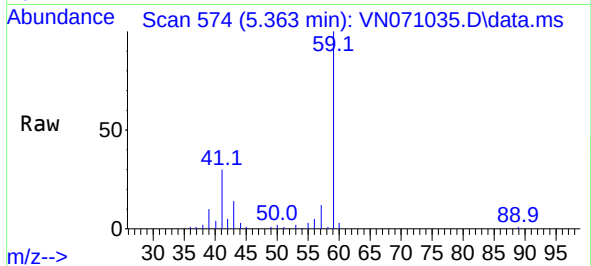
Tgt Ion:142 Resp: 141243
Ion Ratio Lower Upper
142 100
127 41.3 35.4 53.0
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 106.805 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

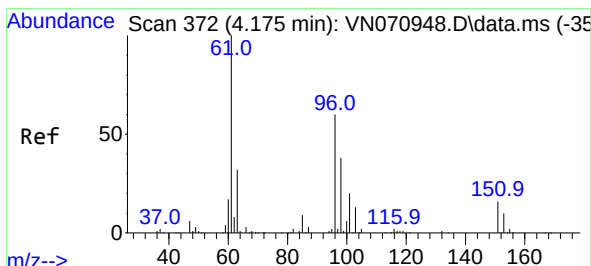
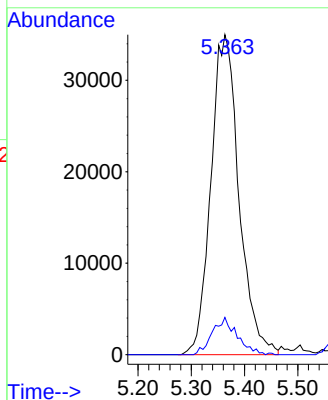
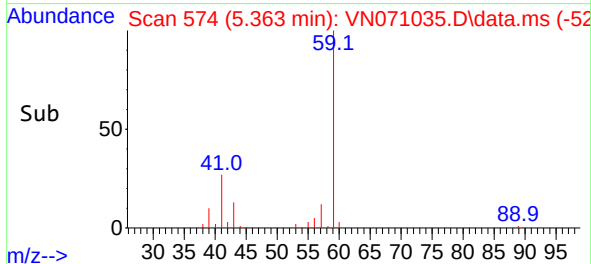
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



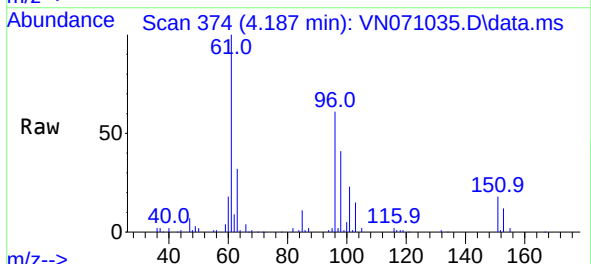
Tgt Ion: 59 Resp: 12808
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1

Manual Integrations
APPROVED

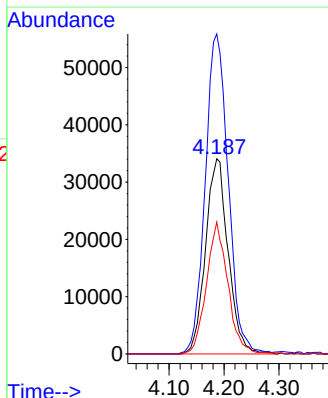
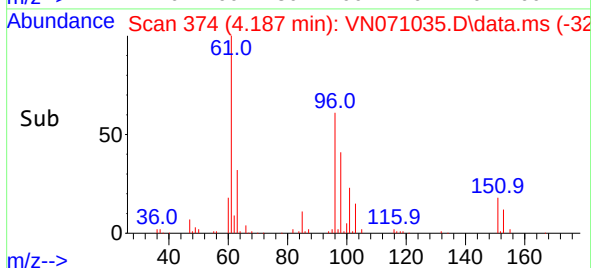
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

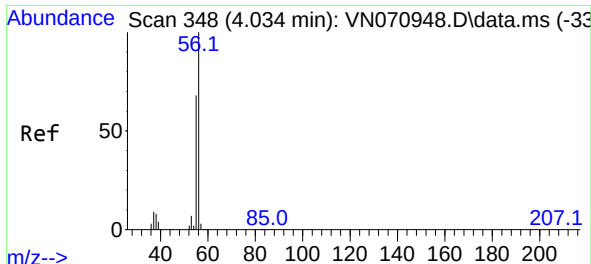


#12
1,1-Dichloroethene
Concen: 17.282 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.012 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02



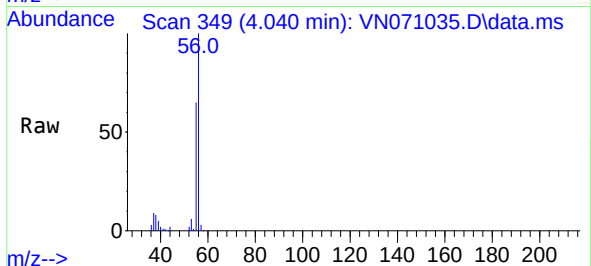
Tgt Ion: 96 Resp: 97460
Ion Ratio Lower Upper
96 100
61 164.0 131.0 196.6
98 67.6 52.4 78.6





#13
Acrolein
Concen: 117.512 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

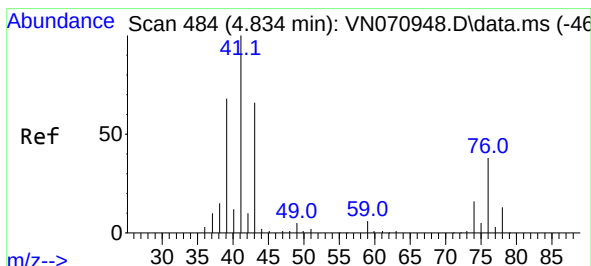
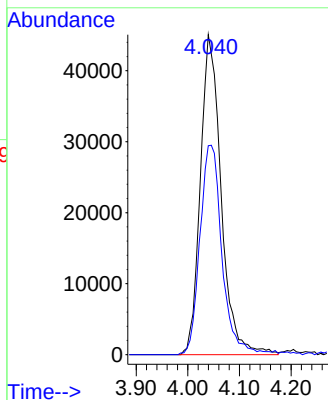
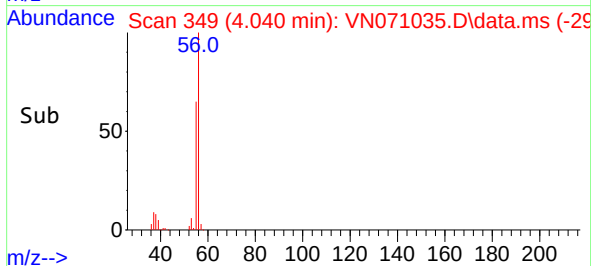
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



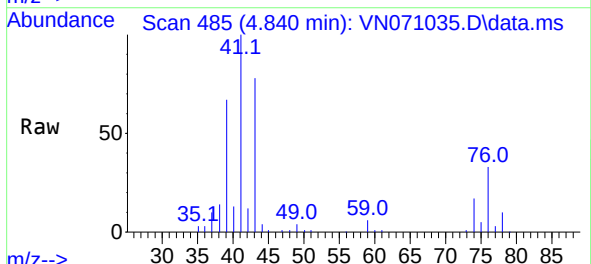
Tgt Ion: 56 Resp: 125925
Ion Ratio Lower Upper
56 100
55 69.0 56.6 85.0

Manual Integrations
APPROVED

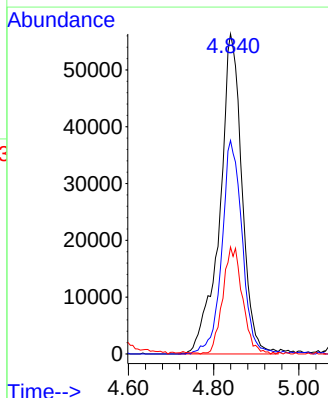
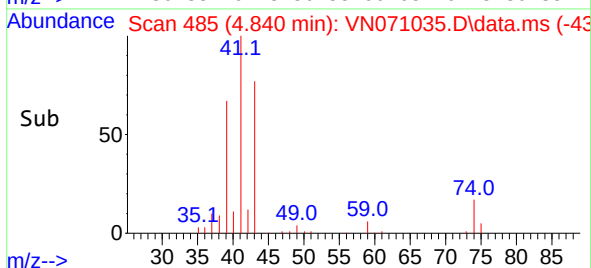
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

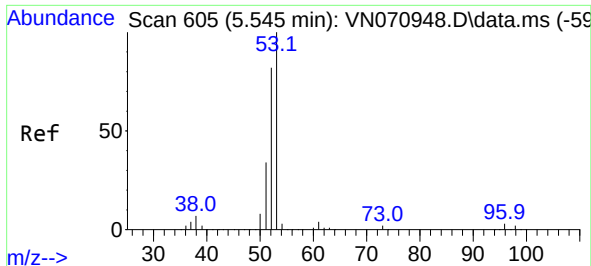


#14
Allyl chloride
Concen: 18.920 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02



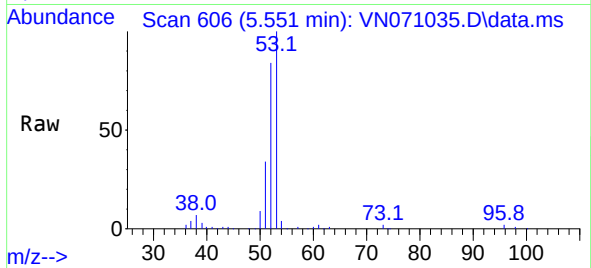
Tgt Ion: 41 Resp: 203490
Ion Ratio Lower Upper
41 100
39 61.4 61.2 91.8
76 29.8 26.0 39.0





#15
Acrylonitrile
Concen: 113.922 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

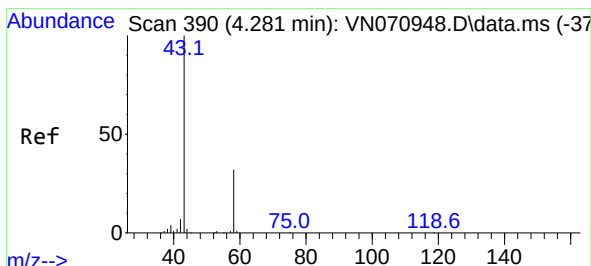
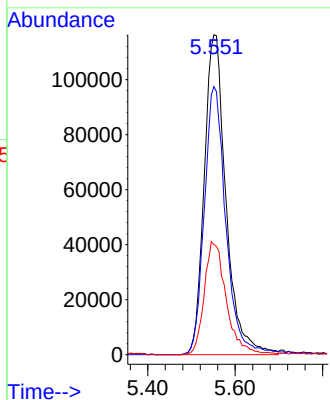
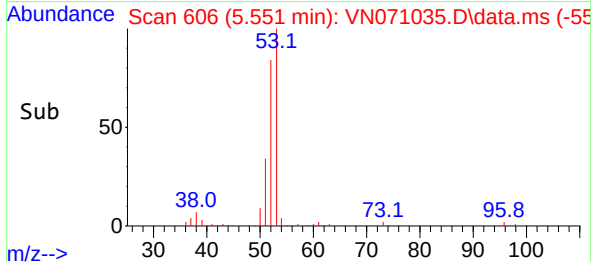
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



Tgt Ion: 53 Resp: 402410
Ion Ratio Lower Upper
53 100
52 83.3 66.2 99.2
51 35.8 29.6 44.4

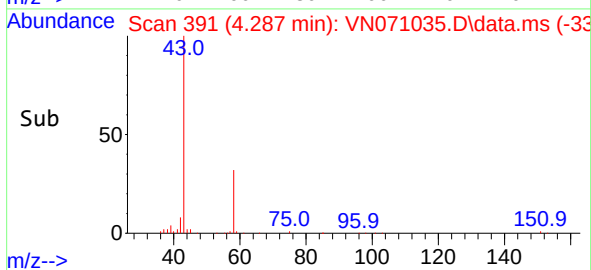
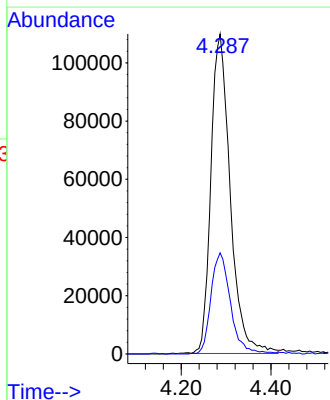
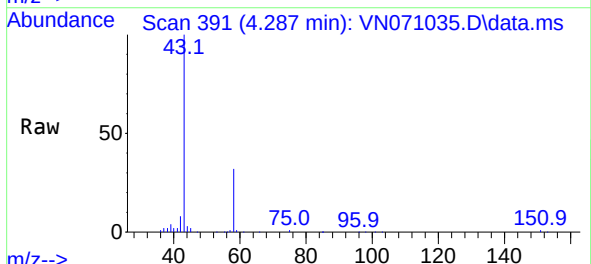
Manual Integrations
APPROVED

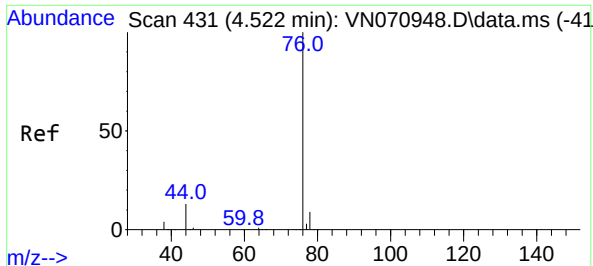
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#16
Acetone
Concen: 90.781 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

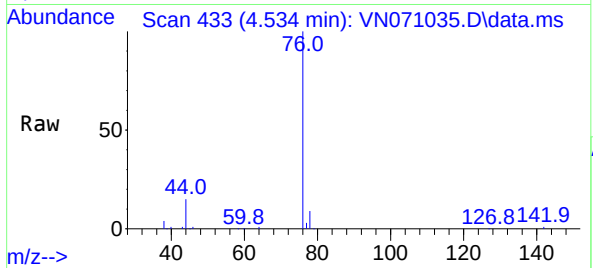
Tgt Ion: 43 Resp: 328981
Ion Ratio Lower Upper
43 100
58 31.7 23.1 34.7





#17
Carbon Disulfide
Concen: 14.585 ug/l
RT: 4.534 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

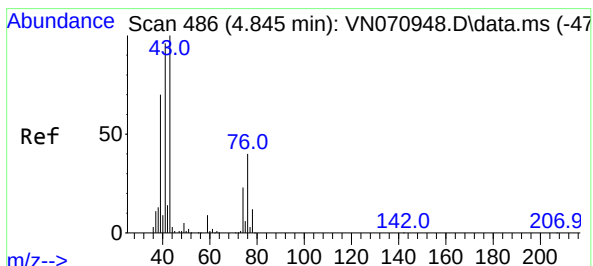
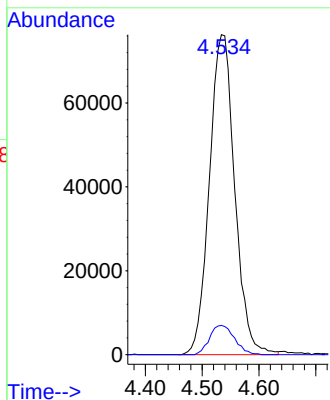
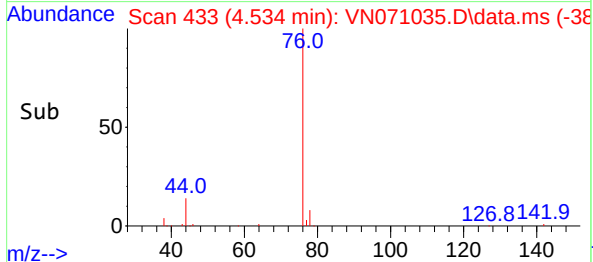
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



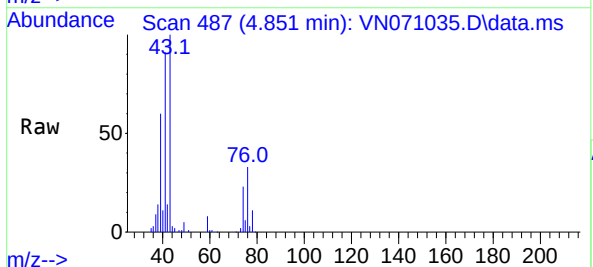
Tgt Ion: 76 Resp: 23587
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

Manual Integrations
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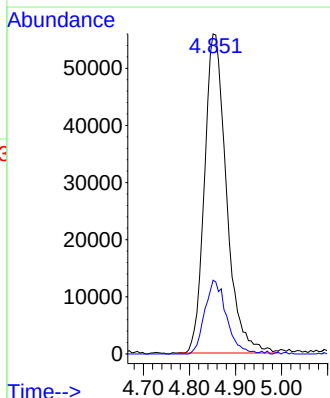
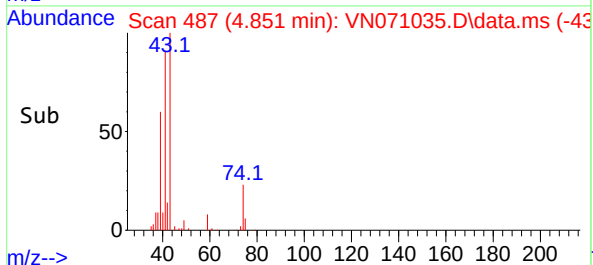
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

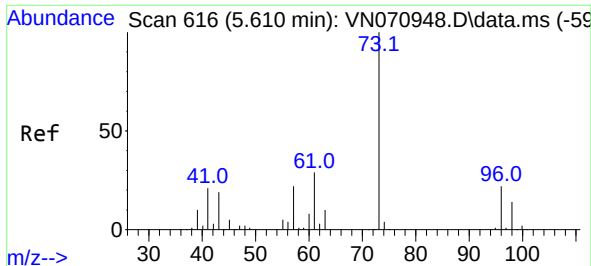


#18
Methyl Acetate
Concen: 23.050 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02



Tgt Ion: 43 Resp: 185478
Ion Ratio Lower Upper
43 100
74 22.8 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 20.439 ug/l

RT: 5.610 min Scan# 616

Delta R.T. -0.000 min

Lab File: VN071035.D

Acq: 23 Feb 2022 16:02

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBSD01

Tgt Ion: 73 Resp: 40433

Ion Ratio Lower Upper

73 100

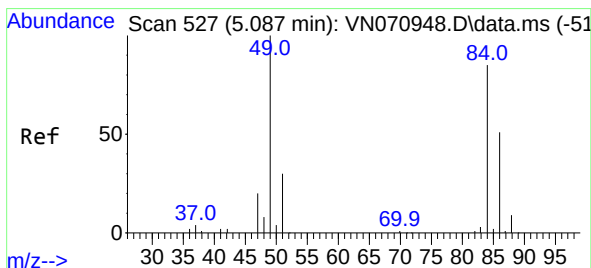
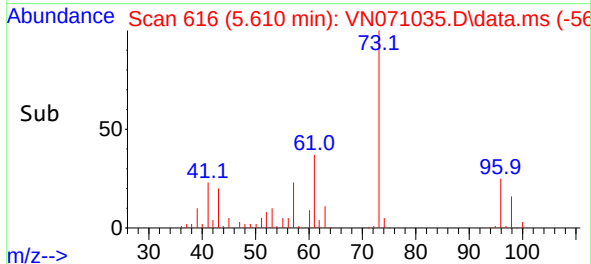
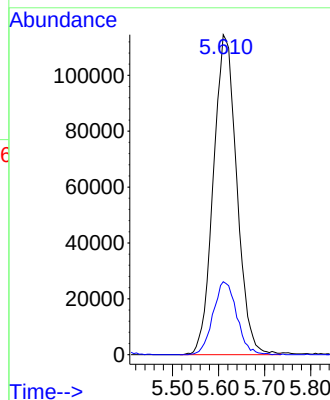
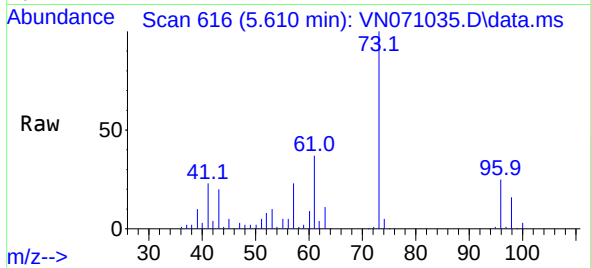
57 22.8 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#20

Methylene Chloride

Concen: 19.940 ug/l

RT: 5.092 min Scan# 528

Delta R.T. 0.006 min

Lab File: VN071035.D

Acq: 23 Feb 2022 16:02

Tgt Ion: 84 Resp: 131325

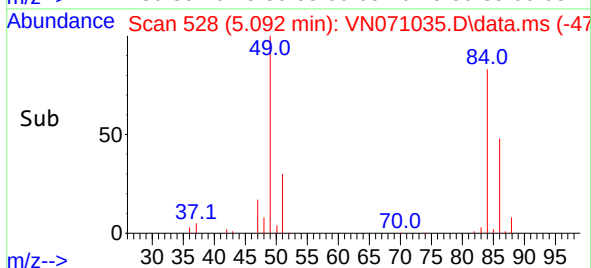
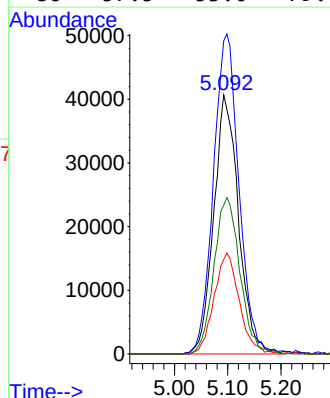
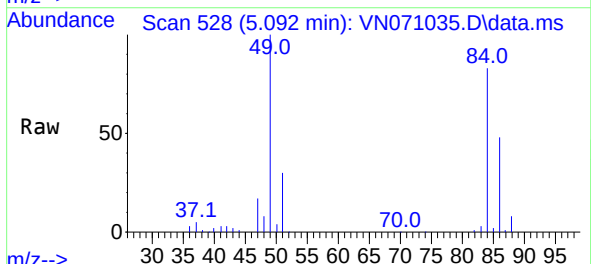
Ion Ratio Lower Upper

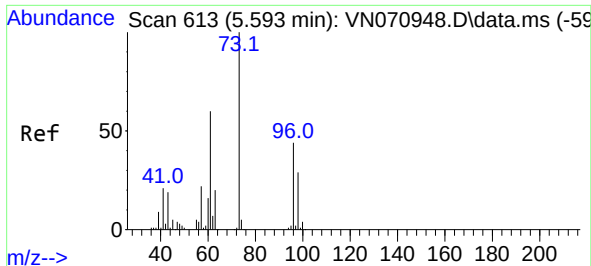
84 100

49 120.9 93.5 140.3

51 36.5 29.4 44.2

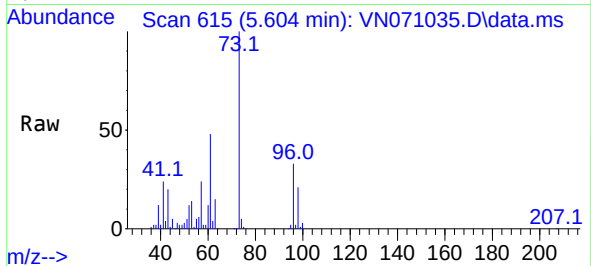
86 57.5 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 17.289 ug/l
RT: 5.604 min Scan# 613
Delta R.T. 0.012 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

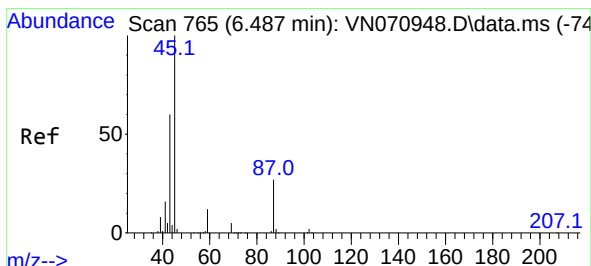
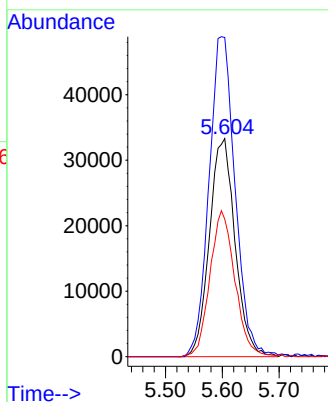
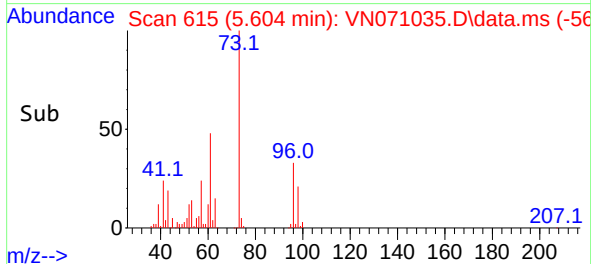
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



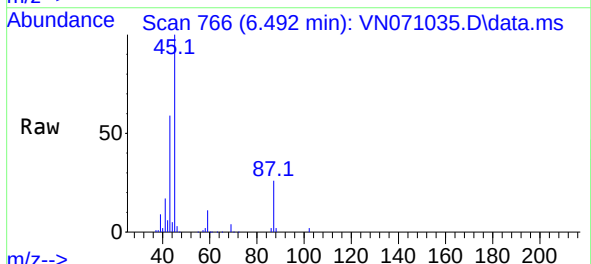
Tgt Ion: 96 Resp: 10464
Ion Ratio Lower Upper
96 100
61 146.3 105.8 158.6
98 63.0 52.0 78.0

Manual Integrations
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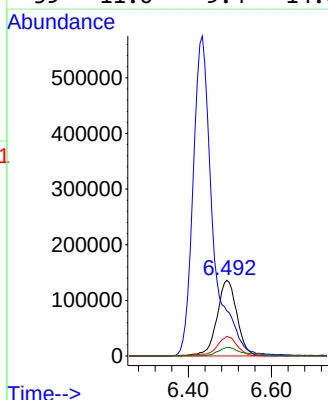
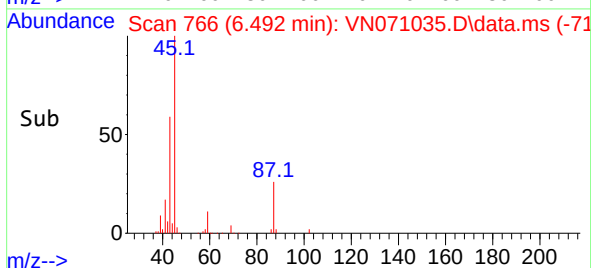
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

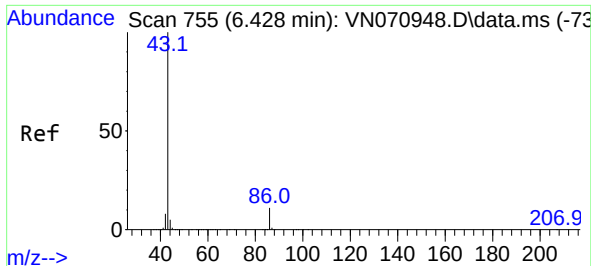


#22
Diisopropyl ether
Concen: 22.064 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02



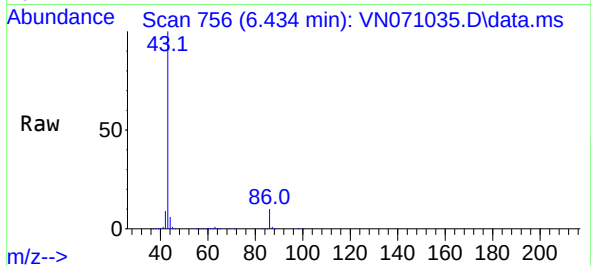
Tgt Ion: 45 Resp: 455143
Ion Ratio Lower Upper
45 100
43 57.8 51.7 77.5
87 25.9 23.2 34.8
59 11.0 9.4 14.0





#23
 Vinyl Acetate
 Concen: 108.259 ug/l
 RT: 6.434 min Scan# 756
 Delta R.T. 0.006 min
 Lab File: VN071035.D
 Acq: 23 Feb 2022 16:02

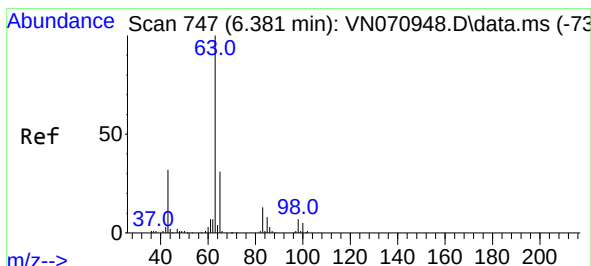
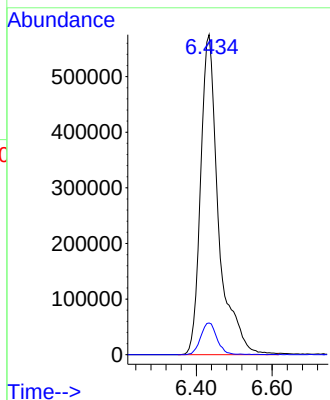
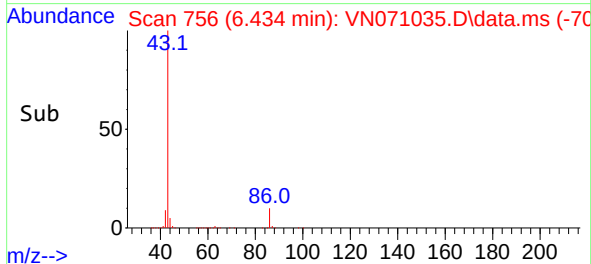
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBSD01



Tgt Ion: 43 Resp: 189041
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.5 12.7

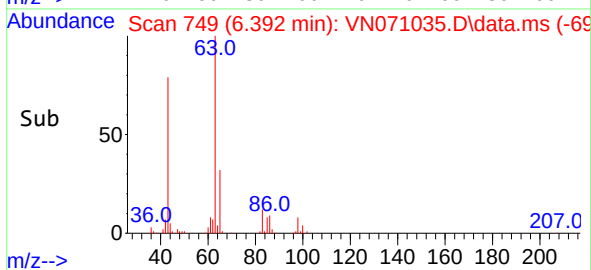
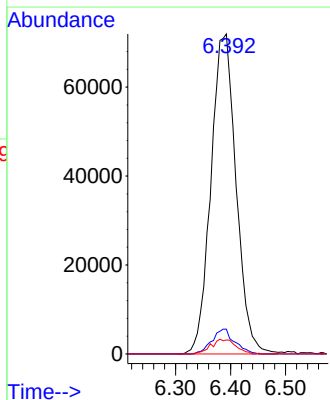
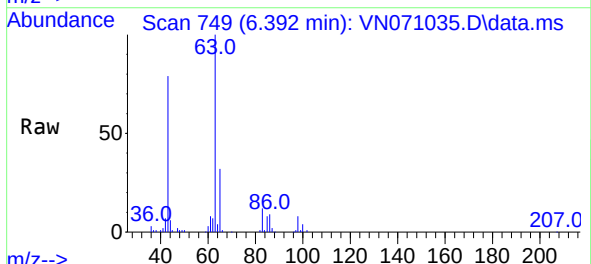
Manual Integrations
 APPROVED

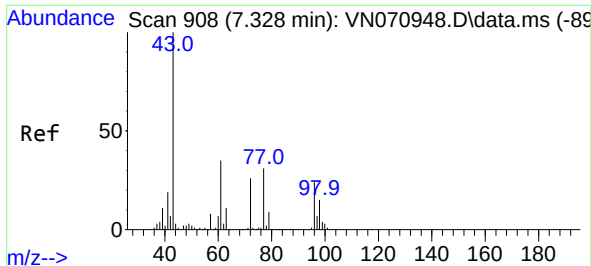
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022



#24
 1,1-Dichloroethane
 Concen: 19.835 ug/l
 RT: 6.392 min Scan# 749
 Delta R.T. 0.012 min
 Lab File: VN071035.D
 Acq: 23 Feb 2022 16:02

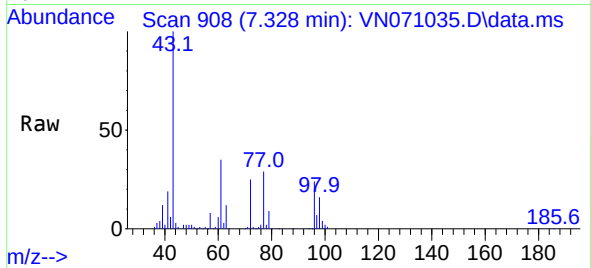
Tgt Ion: 63 Resp: 229372
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.9
 100 4.3 2.1 6.5





#25
2-Butanone
Concen: 111.053 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

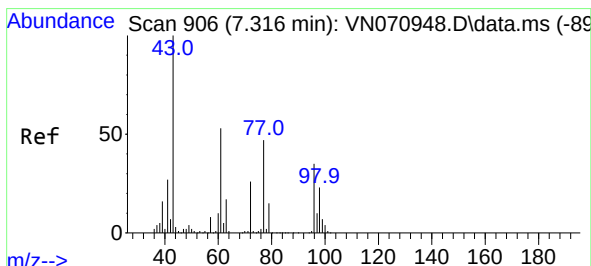
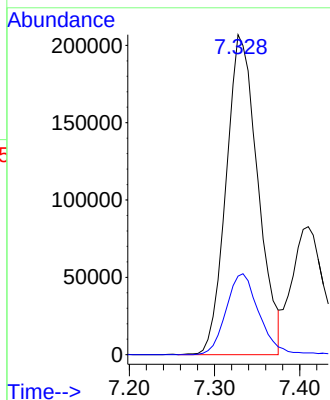
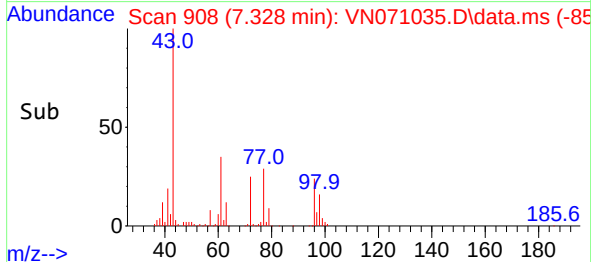
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



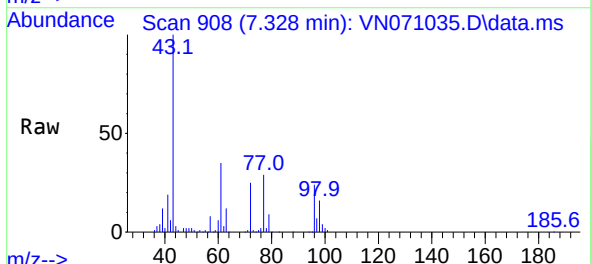
Tgt Ion: 43 Resp: 53536
Ion Ratio Lower Upper
43 100
72 24.6 21.7 32.5

Manual Integrations
APPROVED

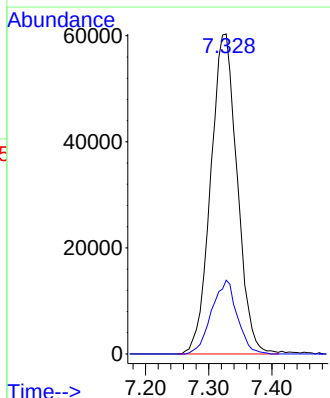
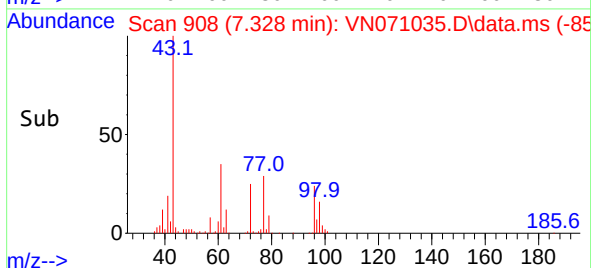
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

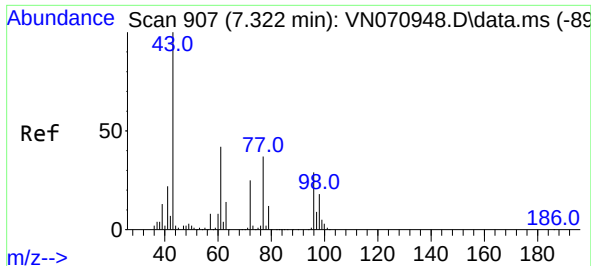


#26
2,2-Dichloropropane
Concen: 18.299 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.012 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02



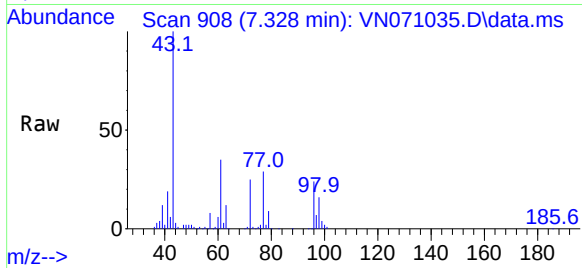
Tgt Ion: 77 Resp: 175867
Ion Ratio Lower Upper
77 100
97 22.3 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 18.989 ug/l
 RT: 7.328 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VN071035.D
 Acq: 23 Feb 2022 16:02

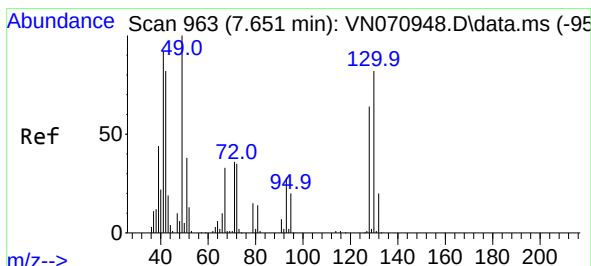
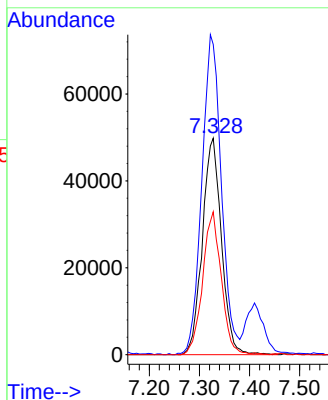
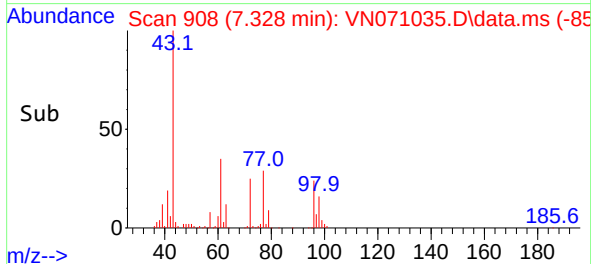
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBSD01



Tgt Ion: 96 Resp: 132100
 Ion Ratio Lower Upper
 96 100
 61 151.1 0.0 275.0
 98 64.1 0.0 129.6

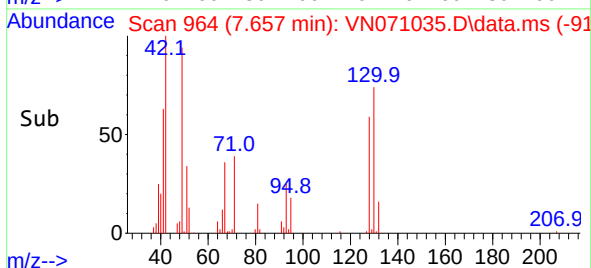
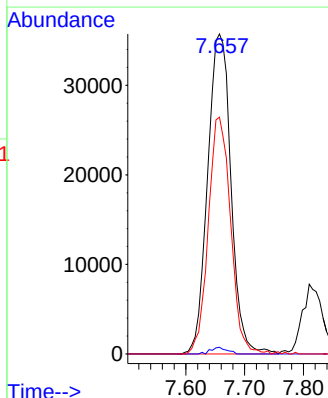
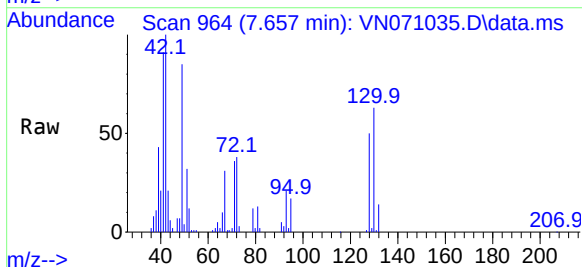
Manual Integrations
 APPROVED

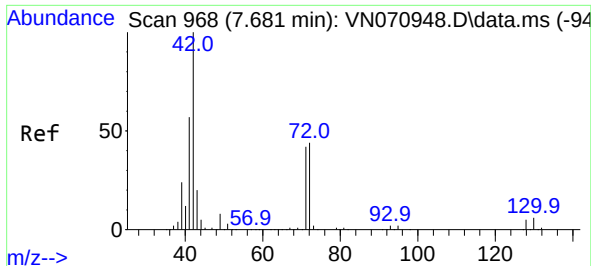
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022



#28
 Bromochloromethane
 Concen: 21.050 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. 0.006 min
 Lab File: VN071035.D
 Acq: 23 Feb 2022 16:02

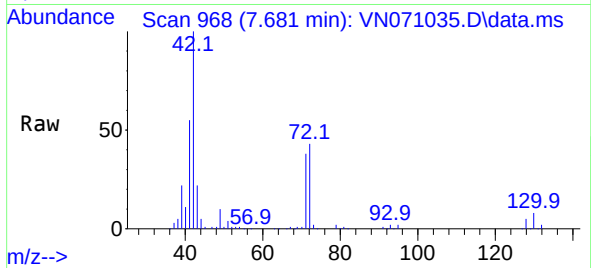
Tgt Ion: 49 Resp: 98520
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.0
 130 70.7 67.8 101.8





#29
Tetrahydrofuran
Concen: 119.748 ug/l
RT: 7.681 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

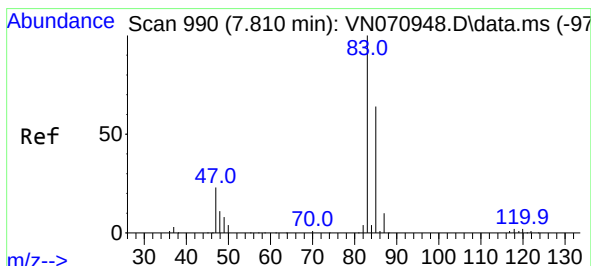
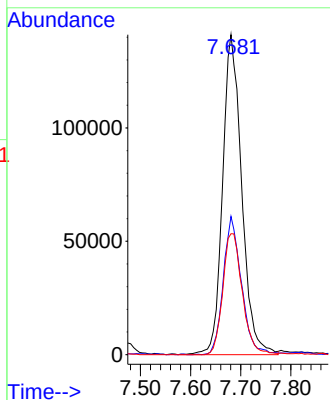
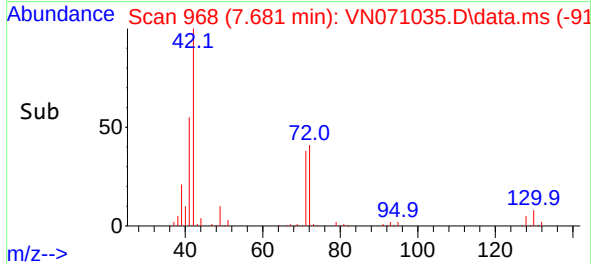
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



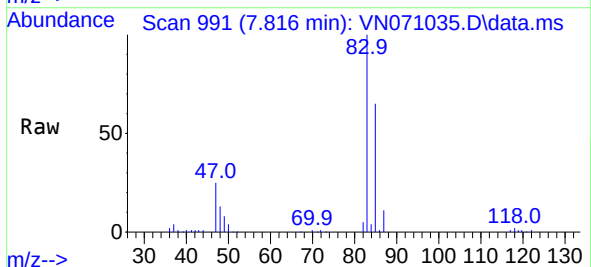
Tgt Ion: 42 Resp: 373970
Ion Ratio Lower Upper
42 100
72 41.1 36.3 54.5
71 38.7 34.7 52.1

Manual Integrations
APPROVED

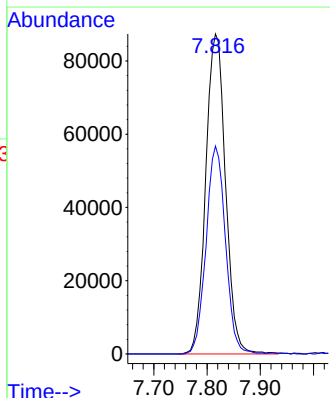
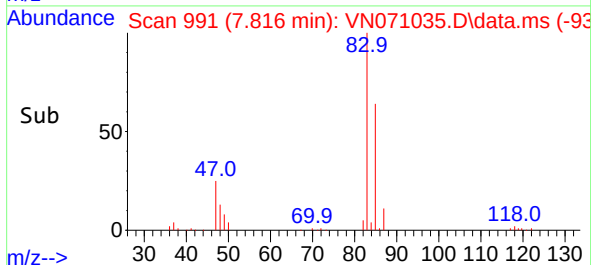
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

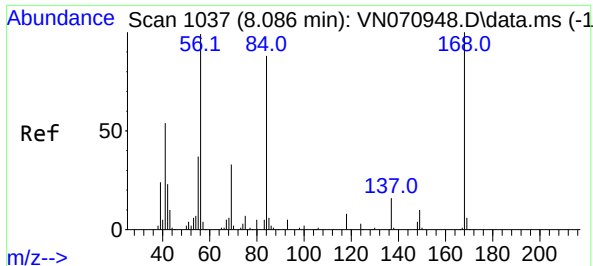


#30
Chloroform
Concen: 19.781 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02



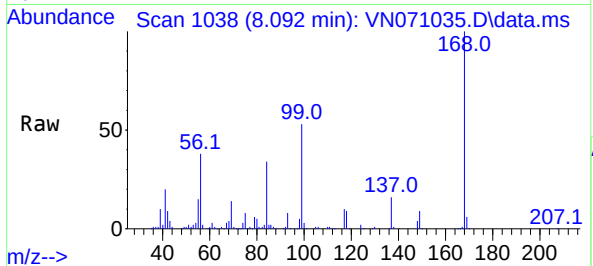
Tgt Ion: 83 Resp: 224977
Ion Ratio Lower Upper
83 100
85 65.0 51.9 77.9





#31
Cyclohexane
Concen: 18.779 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

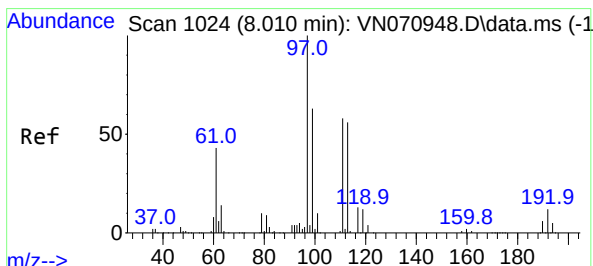
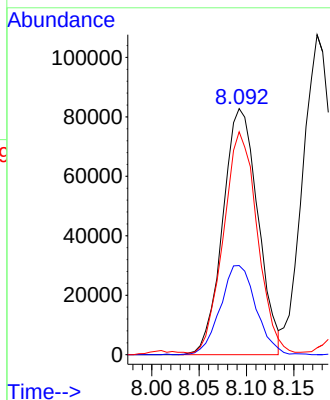
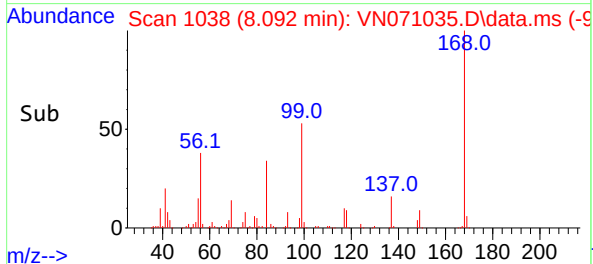
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



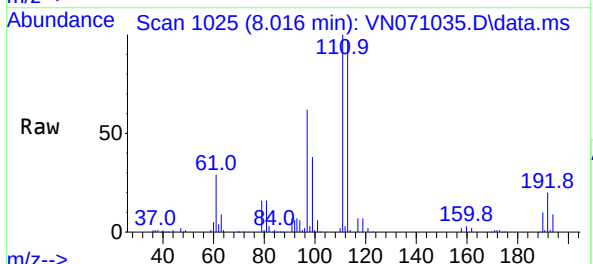
Tgt Ion: 56 Resp: 21371
Ion Ratio Lower Upper
56 100
69 36.2 27.1 40.7
84 89.6 73.4 110.0

Manual Integrations
APPROVED

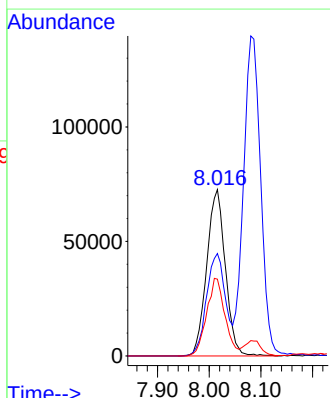
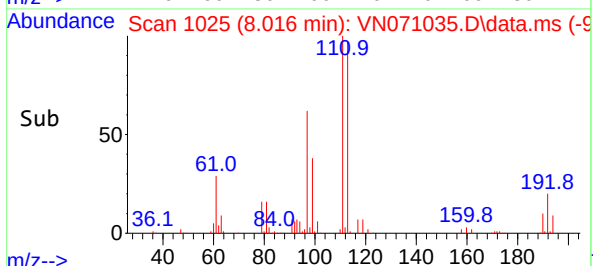
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

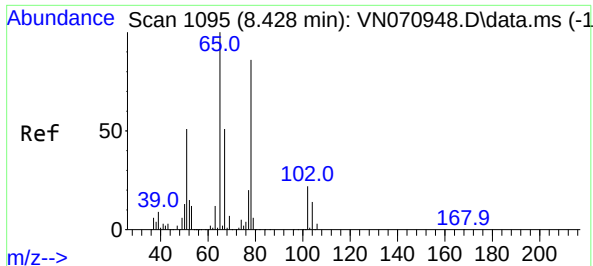


#32
1,1,1-Trichloroethane
Concen: 18.532 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02



Tgt Ion: 97 Resp: 182022
Ion Ratio Lower Upper
97 100
99 63.2 50.1 75.1
61 45.9 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 55.898 ug/l
RT: 8.433 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

Instrument :

MSVOA_N

ClientSampleId :

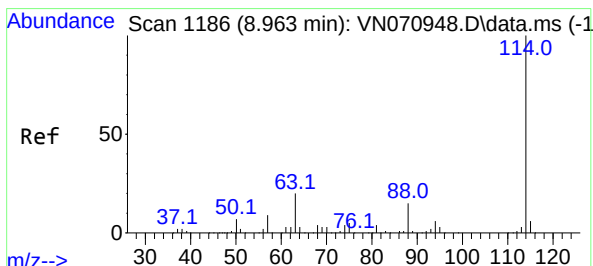
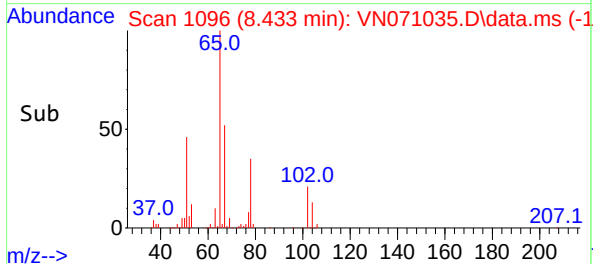
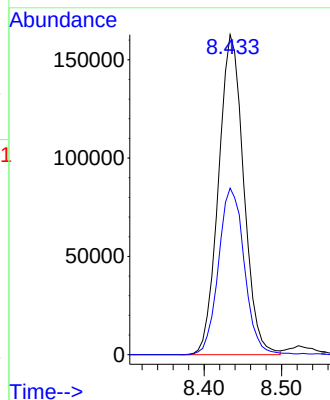
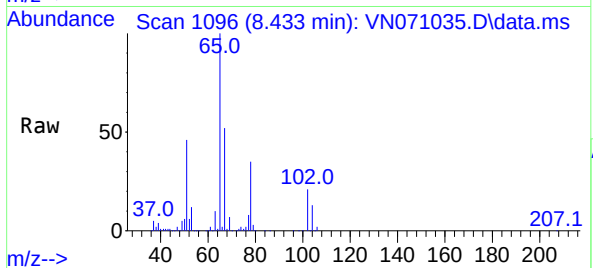
VN0223WBSD01

Tgt Ion: 65 Resp: 36782
Ion Ratio Lower Upper
65 100
67 53.5 0.0 103.0

Manual Integrations

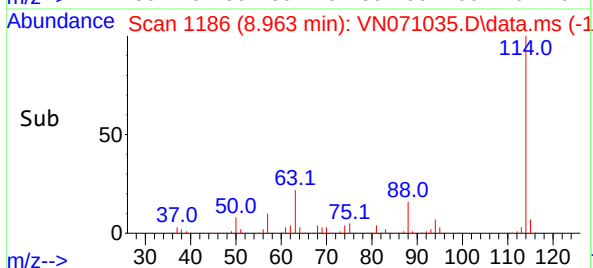
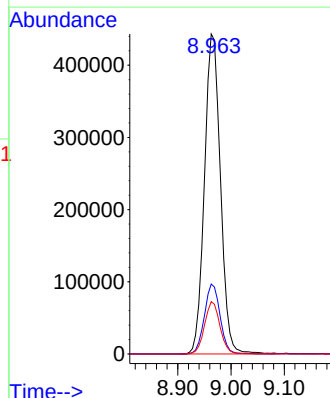
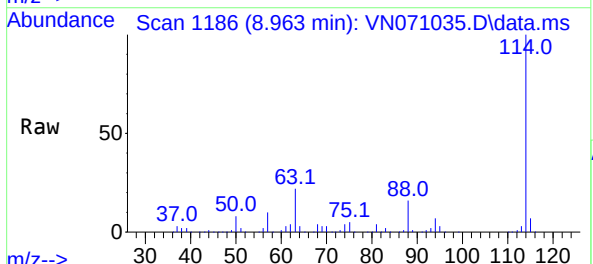
APPROVED

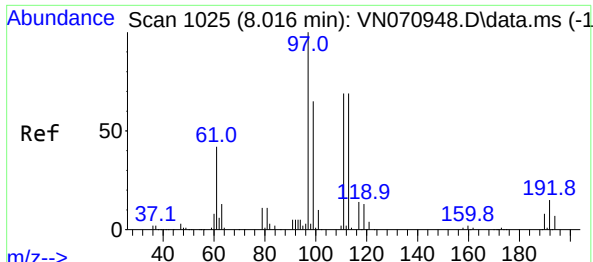
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

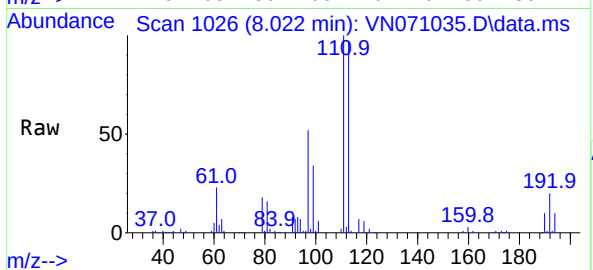
Tgt Ion:114 Resp: 926595
Ion Ratio Lower Upper
114 100
63 21.9 0.0 37.8
88 16.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 51.639 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

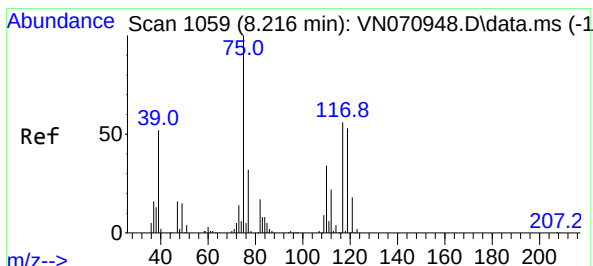
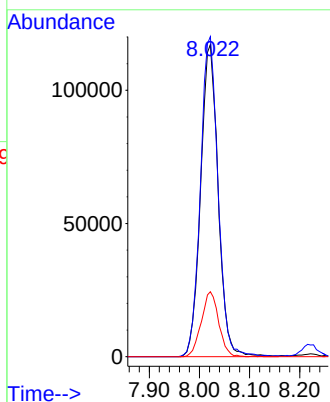
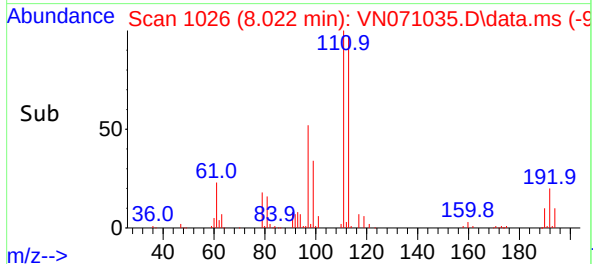
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



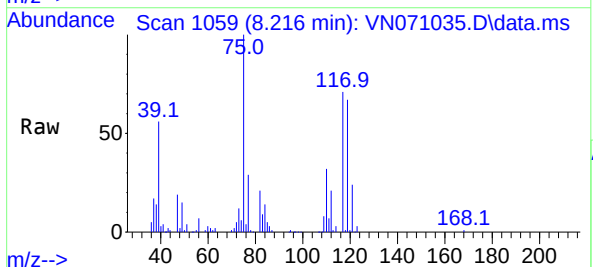
Tgt Ion: 113 Resp: 284600
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 20.7 16.9 25.3

Manual Integrations
APPROVED

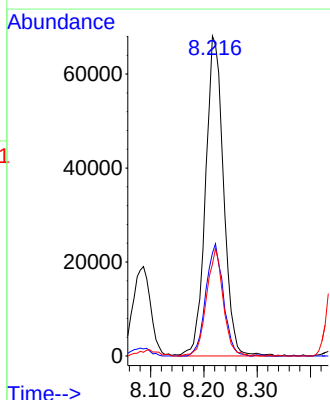
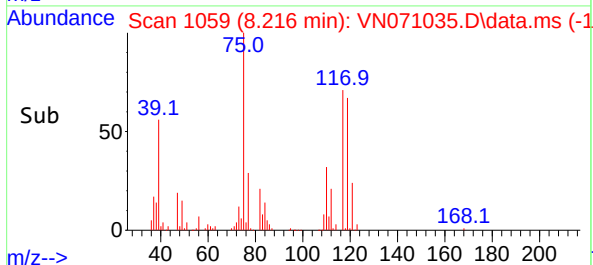
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

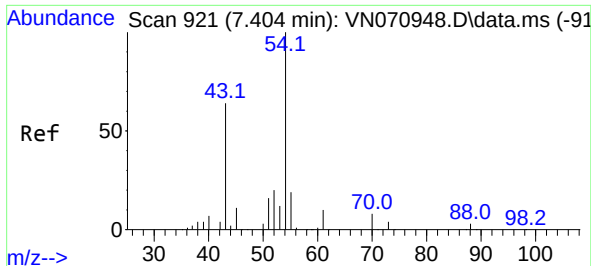


#36
1,1-Dichloropropene
Concen: 17.673 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02



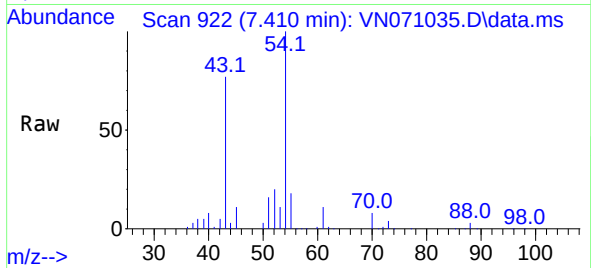
Tgt Ion: 75 Resp: 159580
Ion Ratio Lower Upper
75 100
110 34.1 18.4 55.2
77 31.0 24.4 36.6





#37
Ethyl Acetate
Concen: 23.117 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

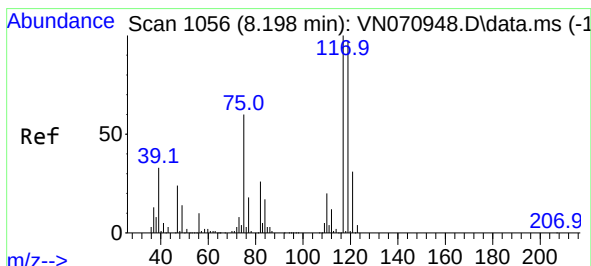
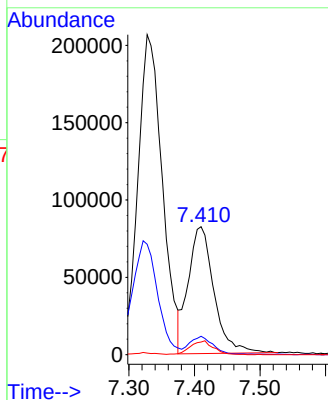
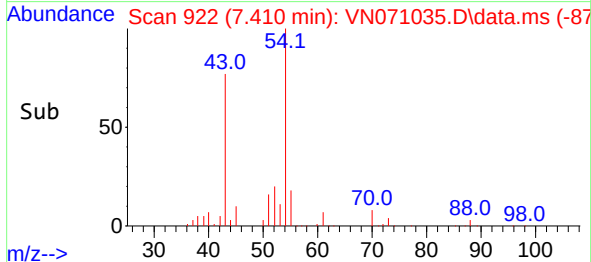
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



Tgt Ion: 43 Resp: 22385
Ion Ratio Lower Upper
43 100
61 12.9 11.5 17.3
70 9.8 7.9 11.9

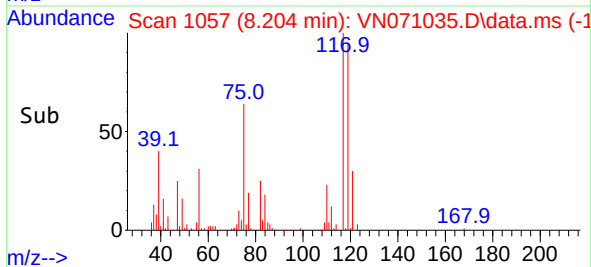
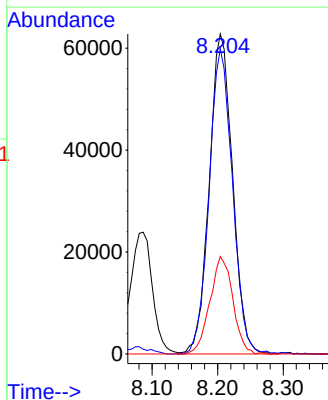
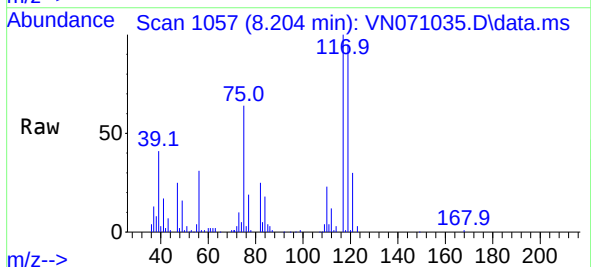
Manual Integrations
APPROVED

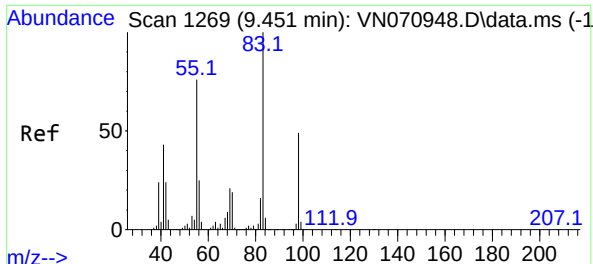
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#38
Carbon Tetrachloride
Concen: 17.399 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

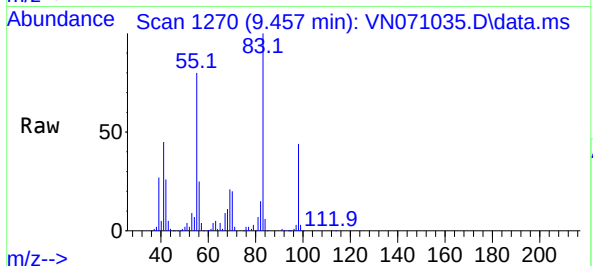
Tgt Ion:117 Resp: 154793
Ion Ratio Lower Upper
117 100
119 95.3 76.1 114.1
121 30.5 24.2 36.2





#39
Methylcyclohexane
Concen: 16.362 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

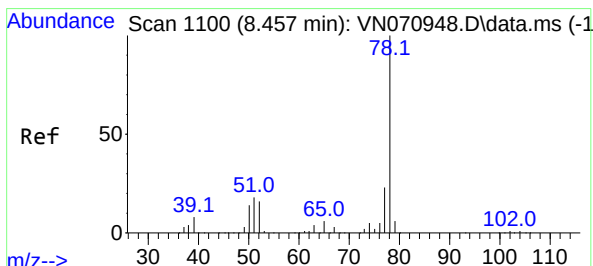
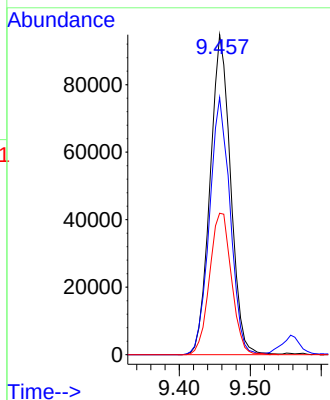
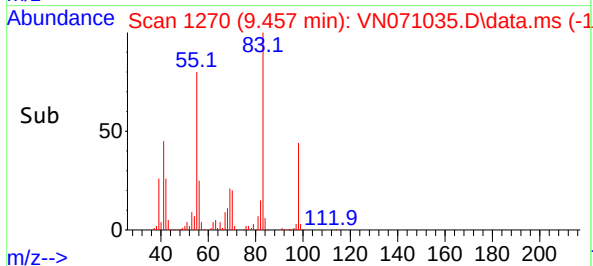
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



Tgt Ion: 83 Resp: 19011
Ion Ratio Lower Upper
83 100
55 80.3 58.1 87.1
98 44.2 38.4 57.6

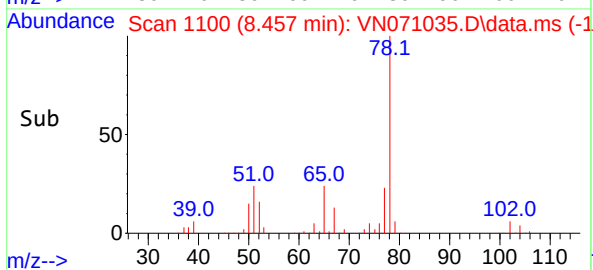
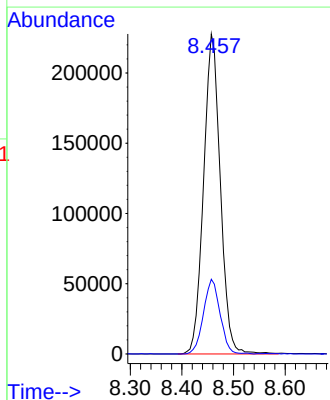
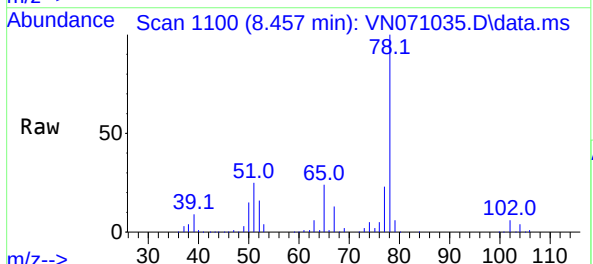
Manual Integrations
APPROVED

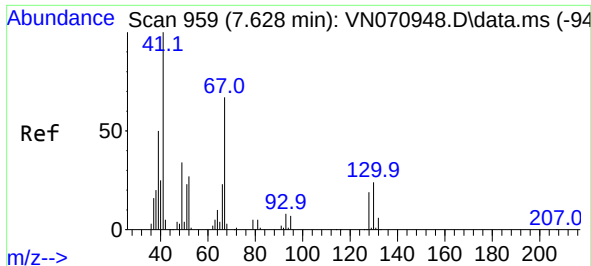
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#40
Benzene
Concen: 19.182 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

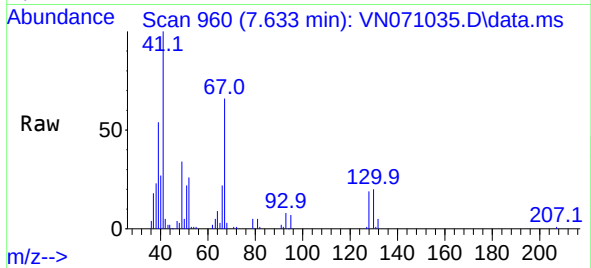
Tgt Ion: 78 Resp: 512341
Ion Ratio Lower Upper
78 100
77 23.3 18.6 27.8





#41
Methacrylonitrile
Concen: 21.771 ug/l
RT: 7.633 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

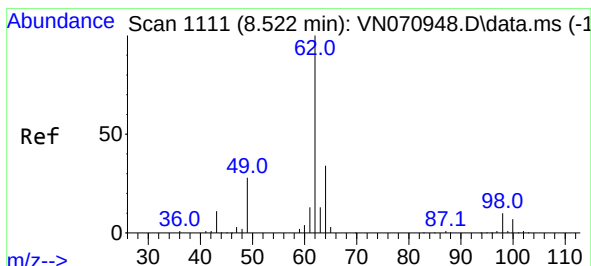
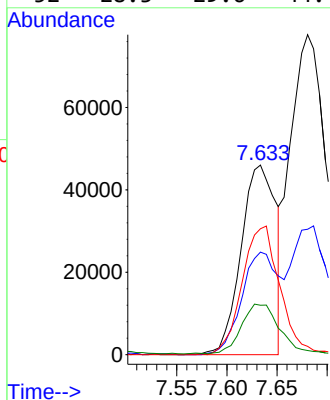
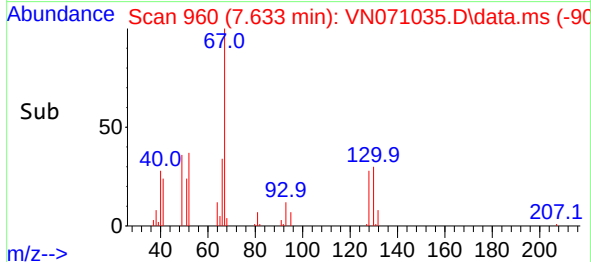
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



Tgt Ion: 41 Resp: 111036
Ion Ratio Lower Upper
41 100
39 59.5 48.1 72.1
67 73.7 68.3 102.5
52 28.3 29.6 44.4#

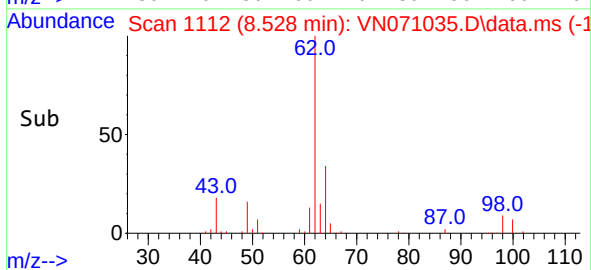
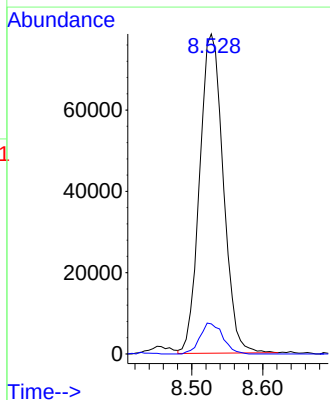
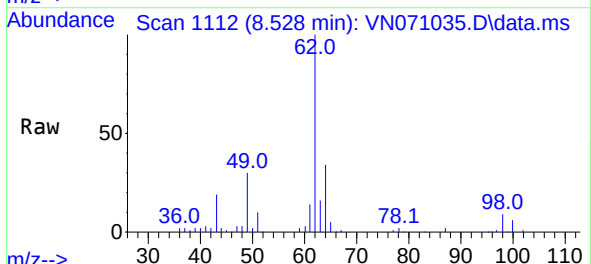
Manual Integrations
APPROVED

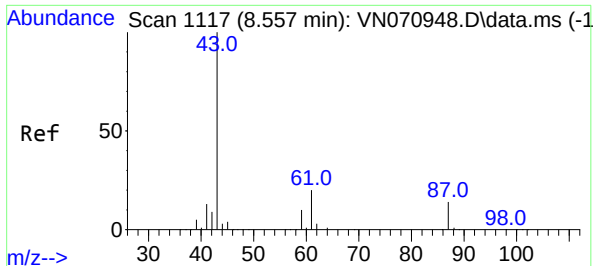
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#42
1,2-Dichloroethane
Concen: 19.986 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

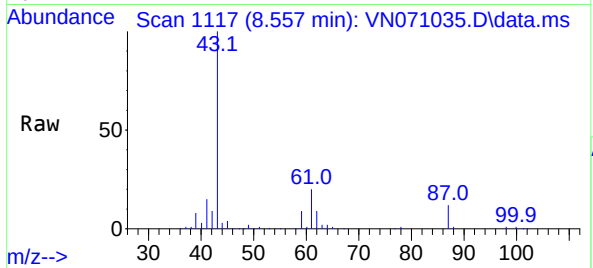
Tgt Ion: 62 Resp: 181802
Ion Ratio Lower Upper
62 100
98 9.4 0.0 17.6





#43
Isopropyl Acetate
Concen: 21.794 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

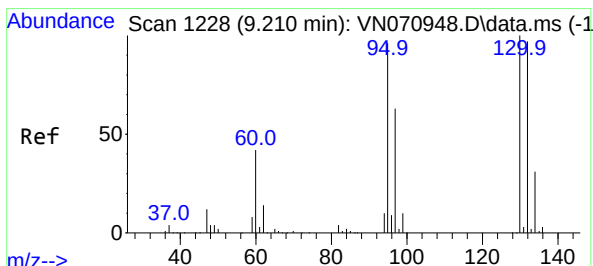
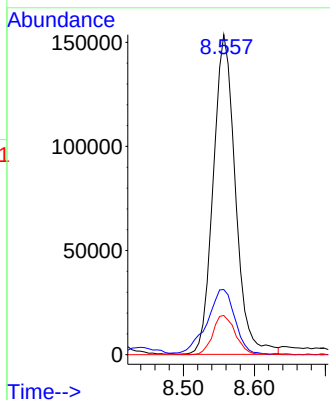
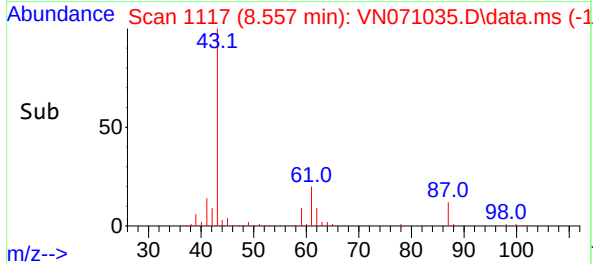
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



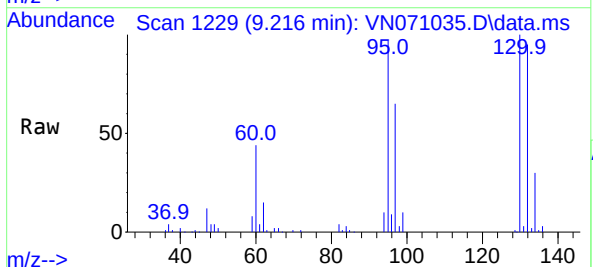
Tgt Ion: 43 Resp: 332659
Ion Ratio Lower Upper
43 100
61 26.0 20.4 30.6
87 12.6 11.2 16.8

Manual Integrations
APPROVED

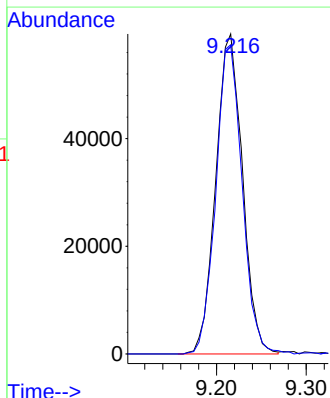
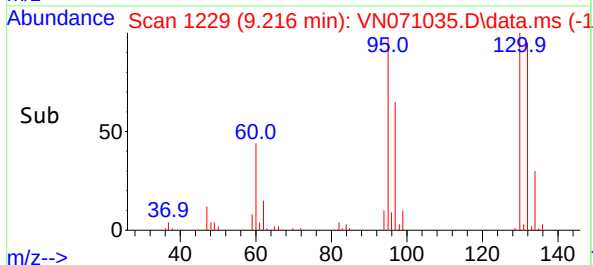
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

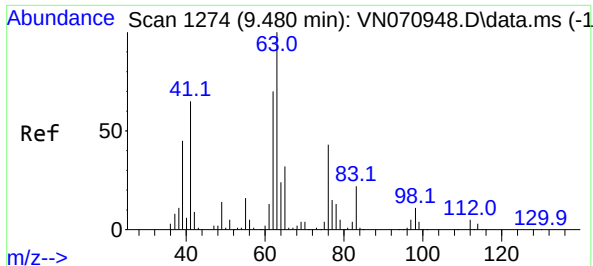


#44
Trichloroethene
Concen: 17.437 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02



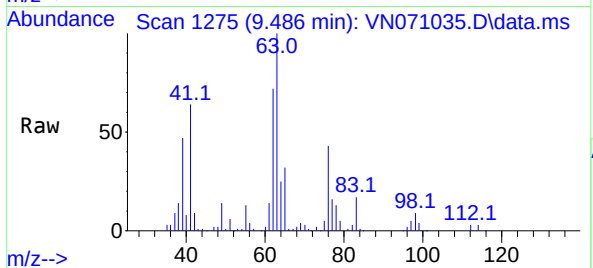
Tgt Ion:130 Resp: 122641
Ion Ratio Lower Upper
130 100
95 96.6 0.0 191.2





#45
1,2-Dichloropropane
Concen: 20.283 ug/l
RT: 9.486 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

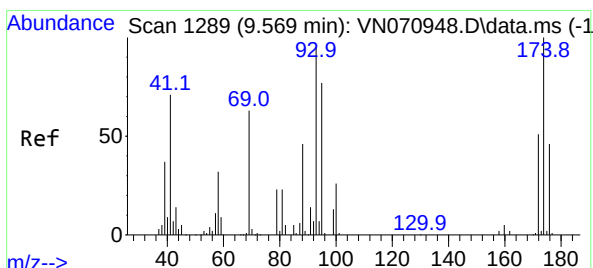
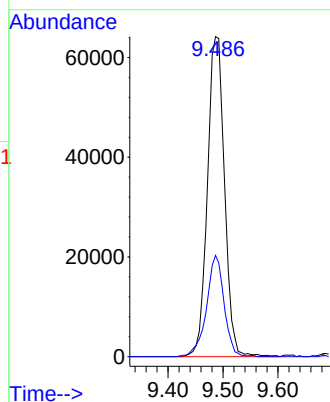
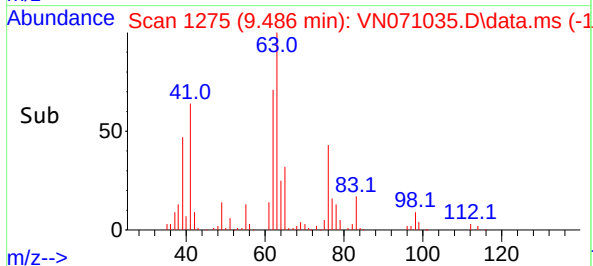
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



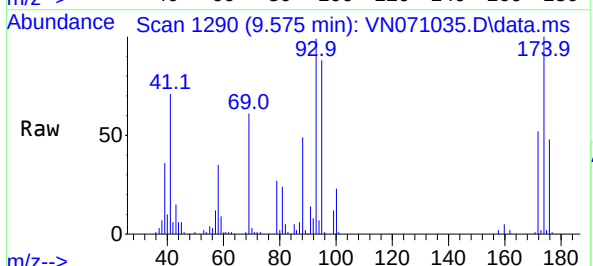
Tgt Ion: 63 Resp: 138770
Ion Ratio Lower Upper
63 100
65 31.7 24.7 37.1

Manual Integrations
APPROVED

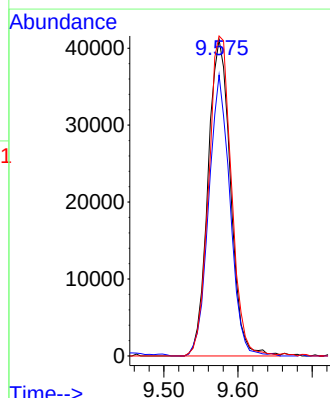
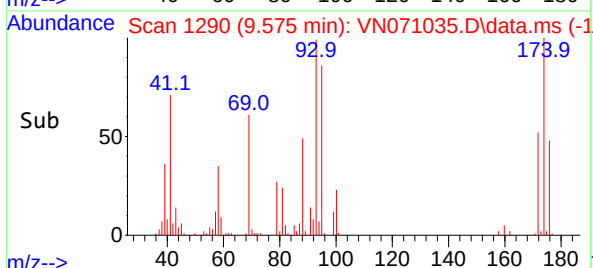
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

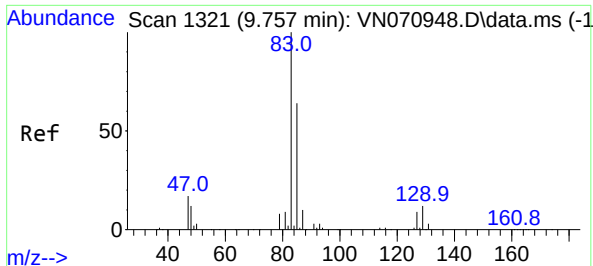


#46
Dibromomethane
Concen: 19.226 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02



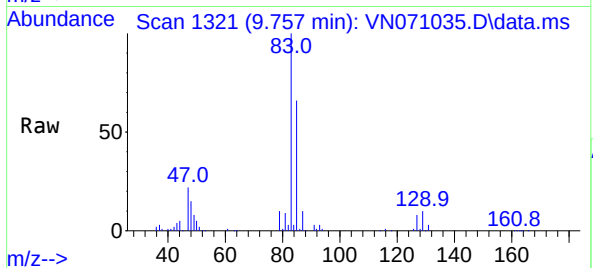
Tgt Ion: 93 Resp: 86565
Ion Ratio Lower Upper
93 100
95 84.1 65.9 98.9
174 102.0 84.6 127.0





#47
Bromodichloromethane
Concen: 18.735 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

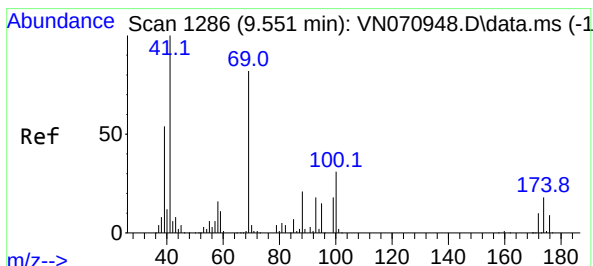
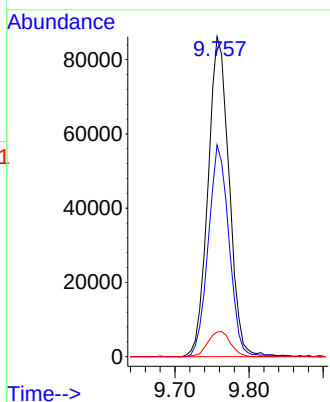
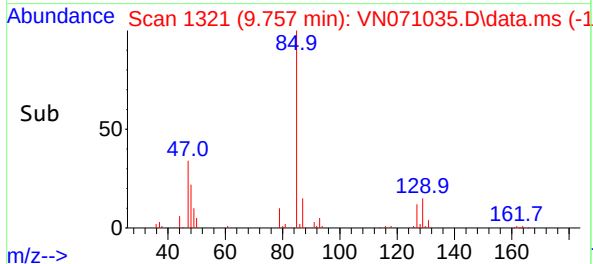
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



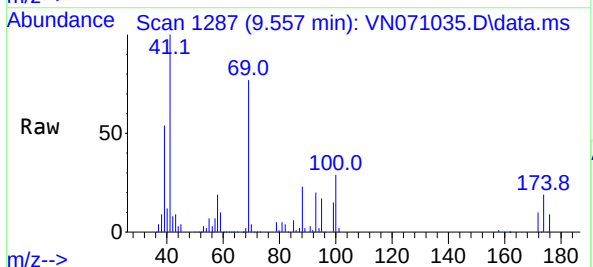
Tgt Ion: 83 Resp: 170480
Ion Ratio Lower Upper
83 100
85 66.1 50.9 76.3
127 7.7 7.1 10.7

Manual Integrations
APPROVED

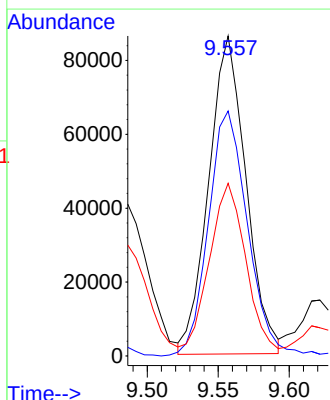
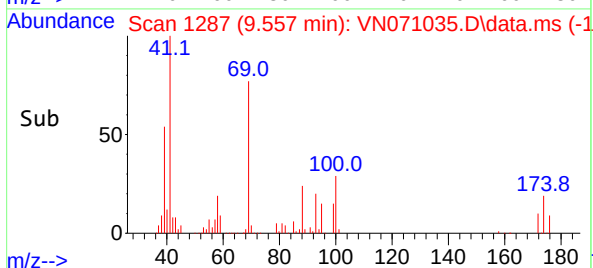
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

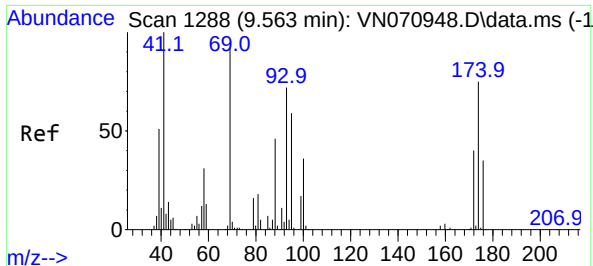


#48
Methyl methacrylate
Concen: 21.751 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02



Tgt Ion: 41 Resp: 157146
Ion Ratio Lower Upper
41 100
69 81.8 72.4 108.6
39 53.6 58.4 87.6#





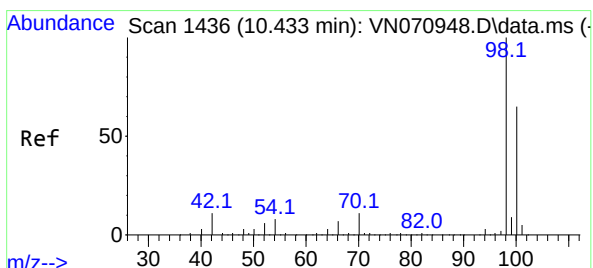
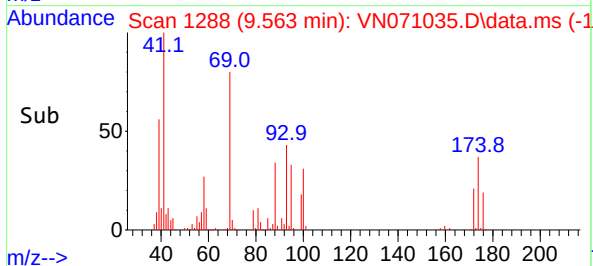
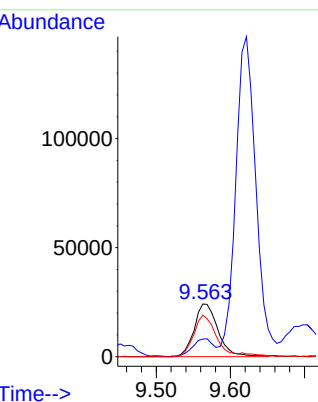
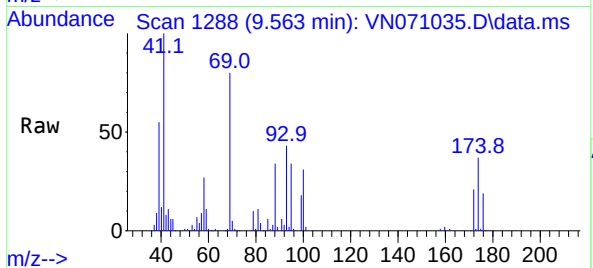
#49
1,4-Dioxane
Concen: 419.660 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

Tgt Ion: 88 Resp: 5385
Ion Ratio Lower Upper
88 100
43 29.8 23.4 35.2
58 77.8 50.6 75.8

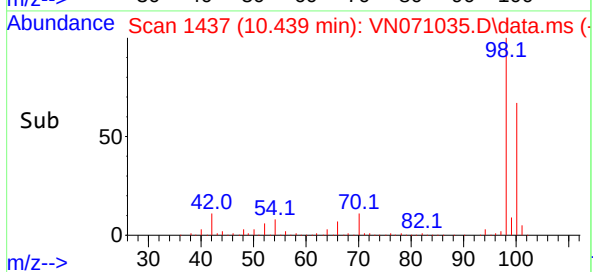
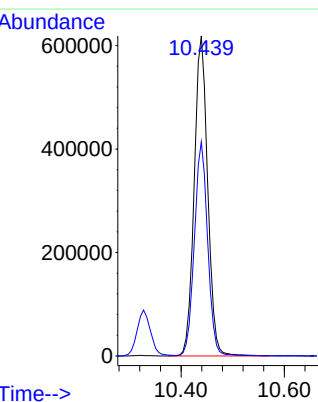
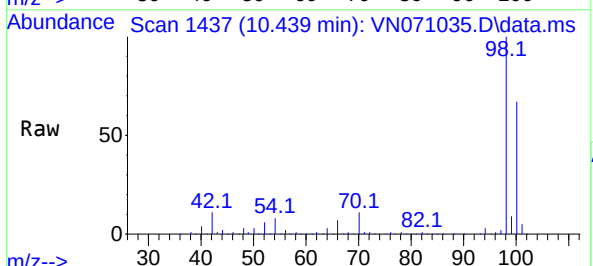
Manual Integrations
APPROVED

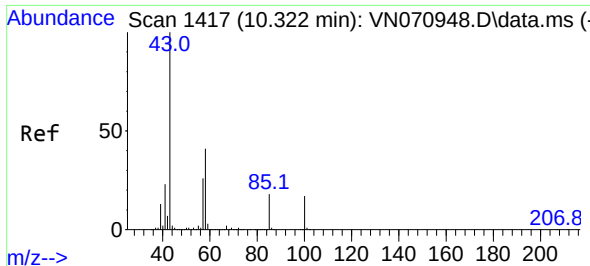
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#50
Toluene-d8
Concen: 50.592 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

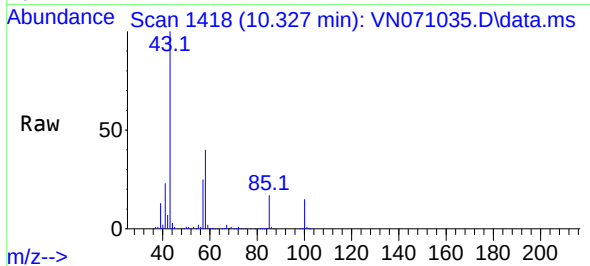
Tgt Ion: 98 Resp: 1119760
Ion Ratio Lower Upper
98 100
100 65.8 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 115.293 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

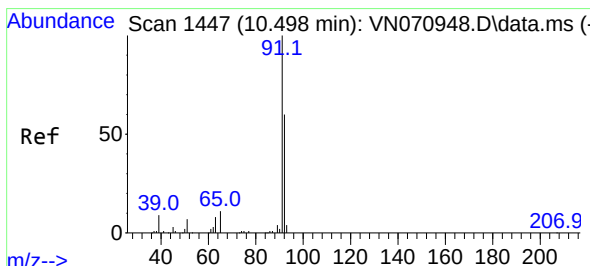
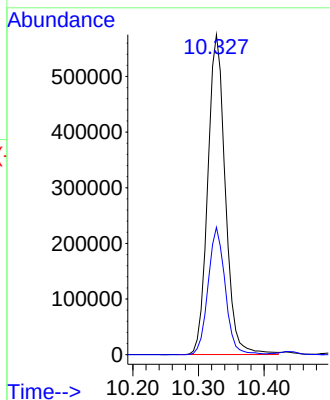
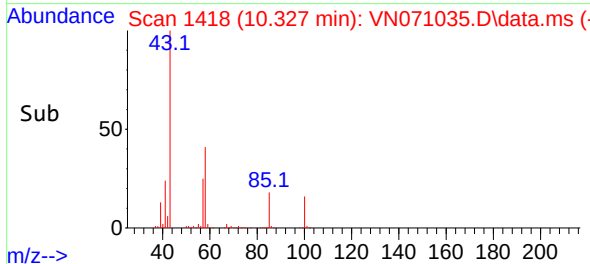
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



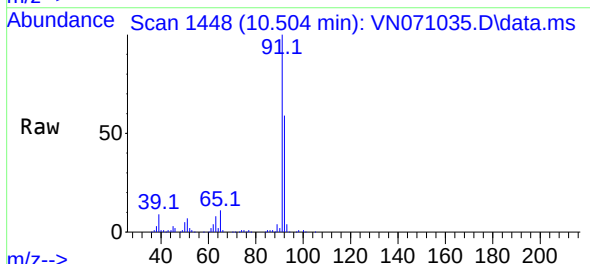
Tgt Ion: 43 Resp: 1070718
Ion Ratio Lower Upper
43 100
58 38.8 30.4 45.6

Manual Integrations
APPROVED

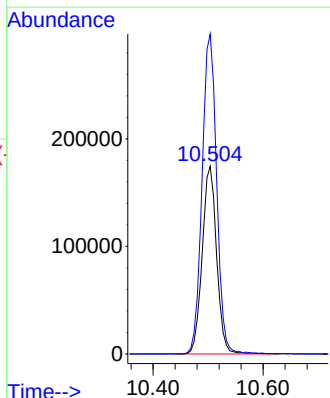
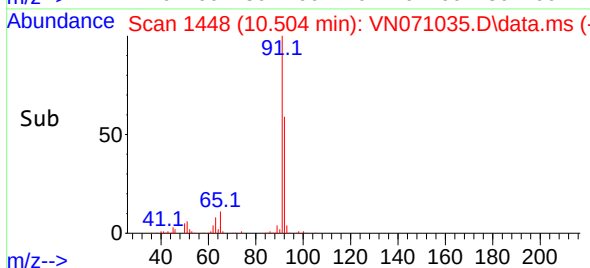
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

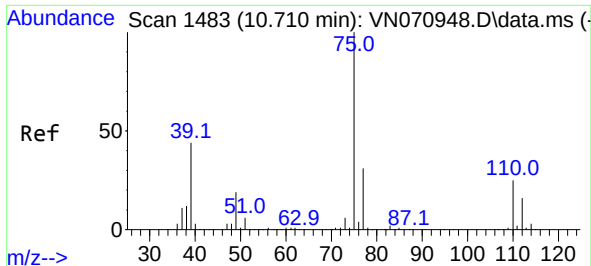


#52
Toluene
Concen: 18.899 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02



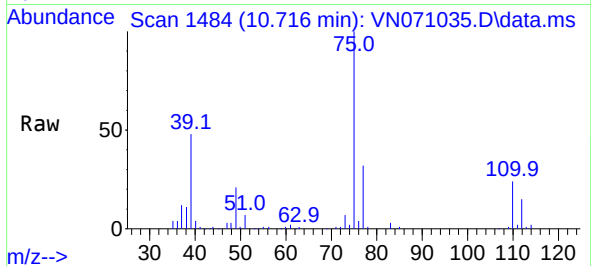
Tgt Ion: 92 Resp: 317192
Ion Ratio Lower Upper
92 100
91 172.7 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 18.620 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

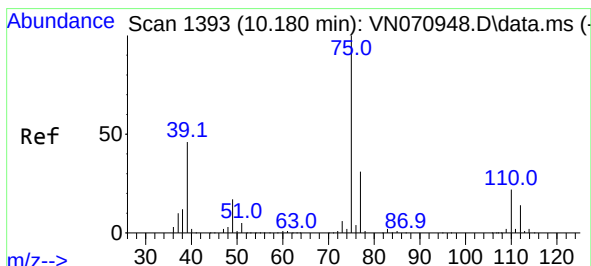
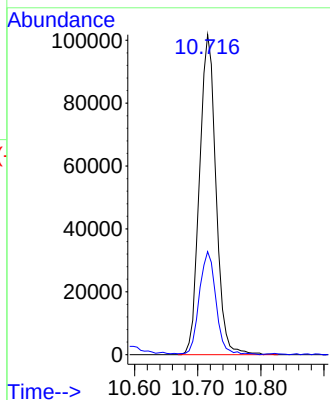
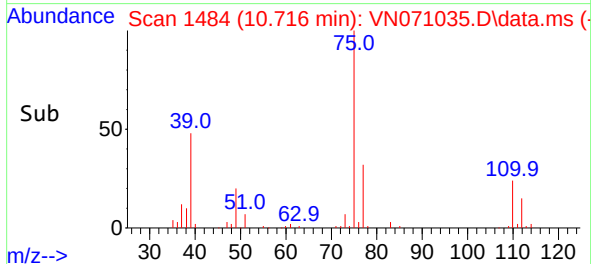
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



Tgt Ion: 75 Resp: 184239
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4

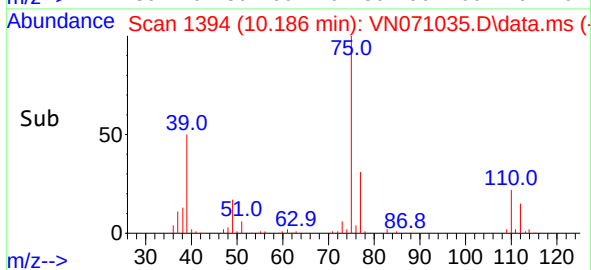
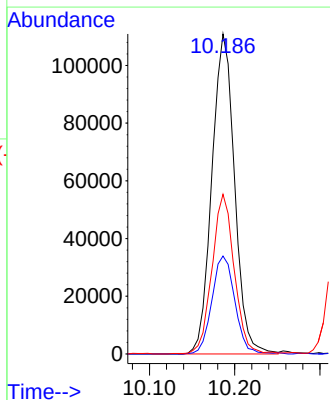
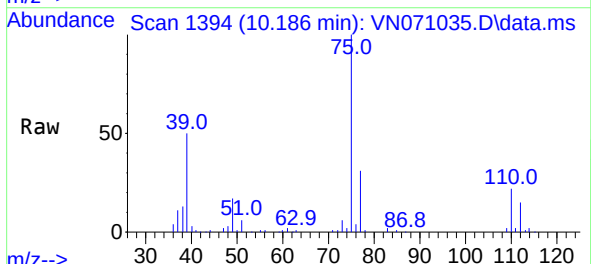
Manual Integrations
APPROVED

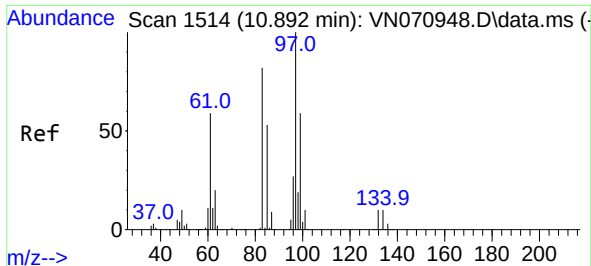
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#54
cis-1,3-Dichloropropene
Concen: 18.890 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

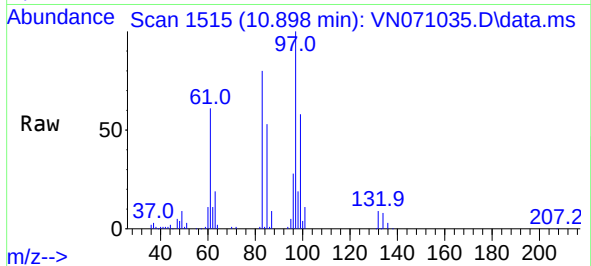
Tgt Ion: 75 Resp: 205264
Ion Ratio Lower Upper
75 100
77 30.6 26.4 39.6
39 49.8 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 19.962 ug/l
RT: 10.898 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

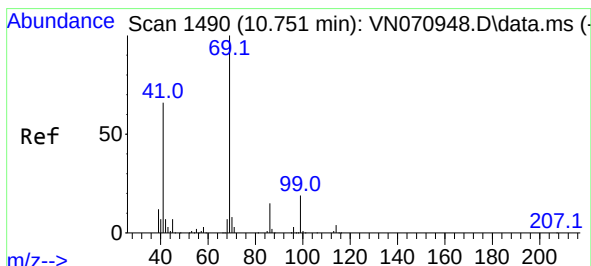
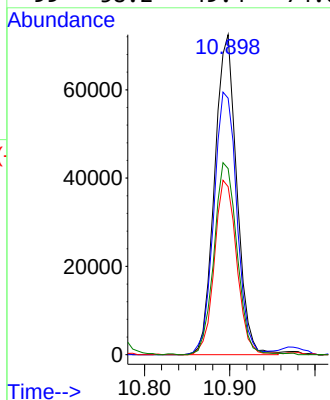
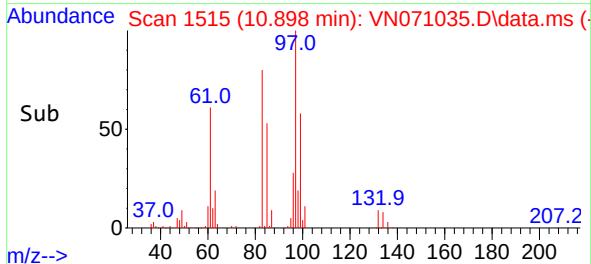


Tgt Ion: 97 Resp: 13114

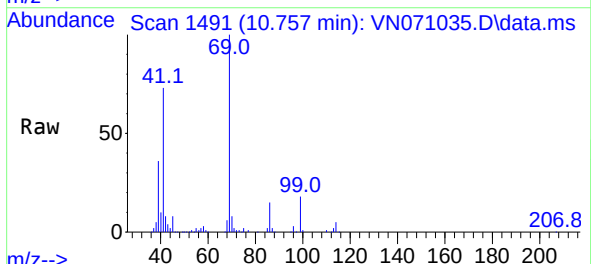
Ion	Ratio	Lower	Upper
97	100		
83	80.2	67.8	101.6
85	52.5	45.4	68.2
99	58.2	49.4	74.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

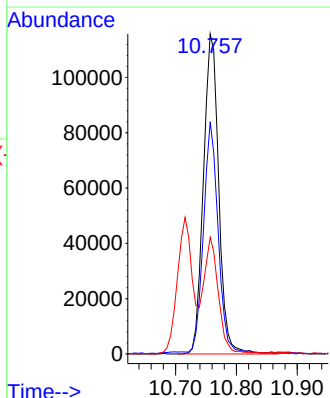
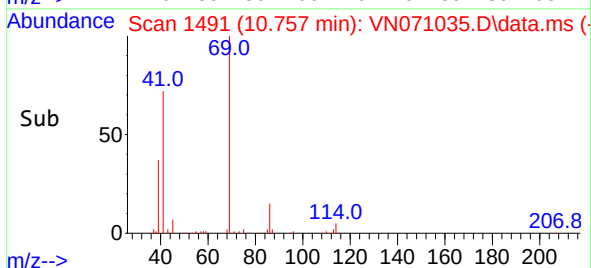


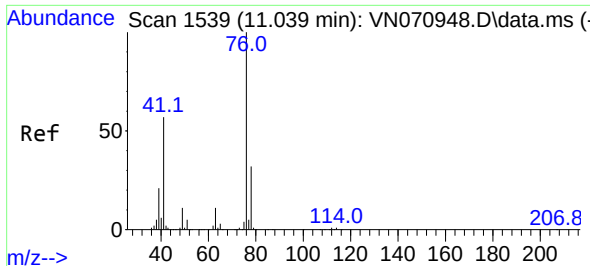
#56
Ethyl methacrylate
Concen: 20.443 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02



Tgt Ion: 69 Resp: 202345

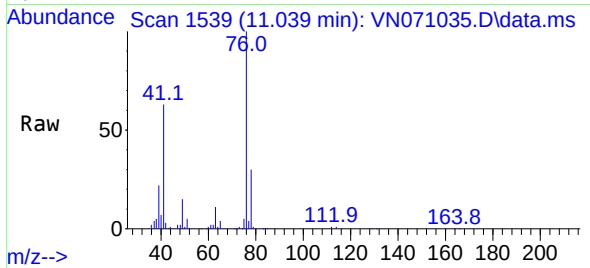
Ion	Ratio	Lower	Upper
69	100		
41	68.4	51.4	77.0
39	33.5	34.6	52.0





#57
1,3-Dichloropropane
Concen: 20.433 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

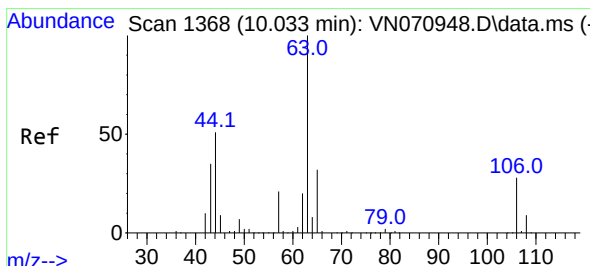
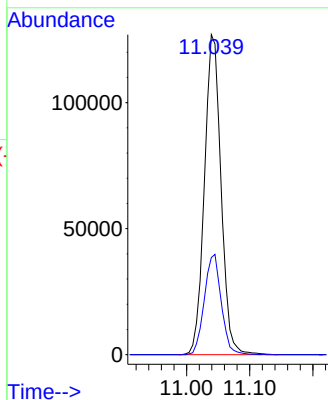
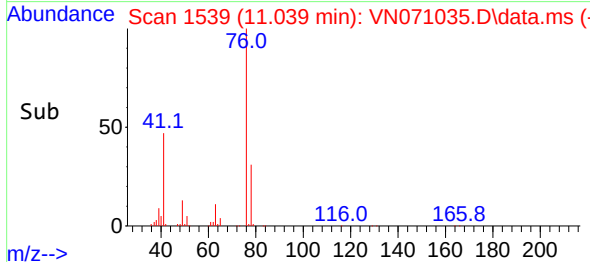
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



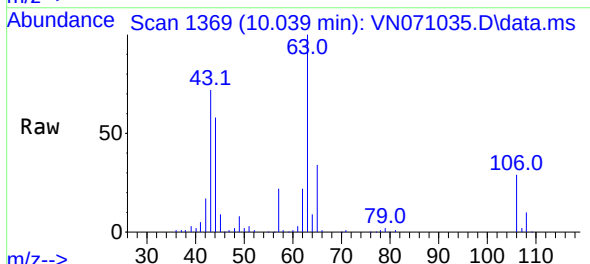
Tgt Ion: 76 Resp: 23219
Ion Ratio Lower Upper
76 100
78 31.9 25.7 38.5

Manual Integrations
APPROVED

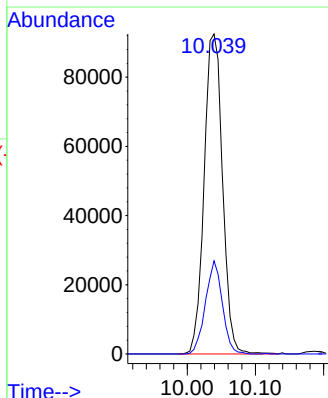
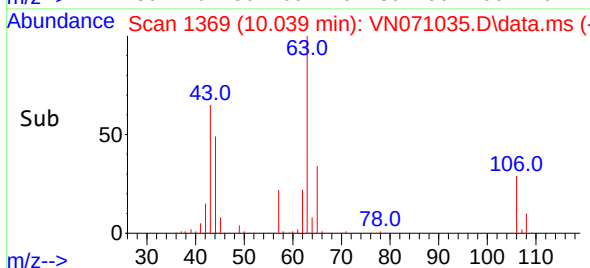
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

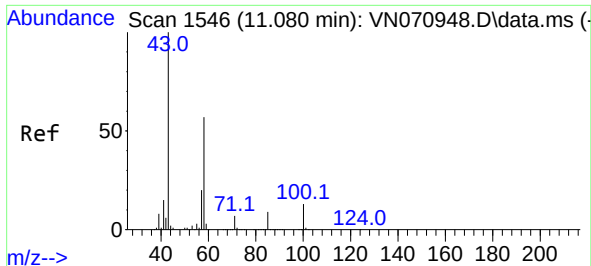


#58
2-Chloroethyl Vinyl ether
Concen: 100.595 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02



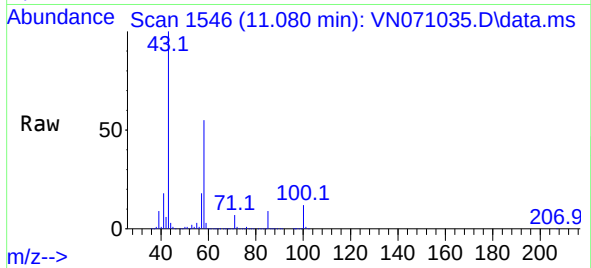
Tgt Ion: 63 Resp: 173543
Ion Ratio Lower Upper
63 100
106 26.7 23.9 35.9





#59
2-Hexanone
Concen: 114.061 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

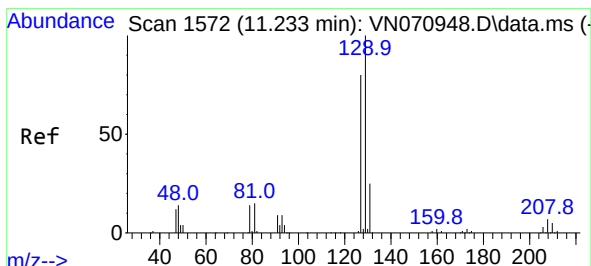
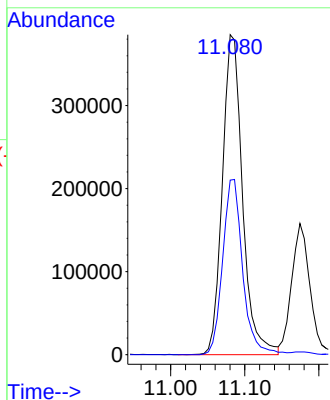
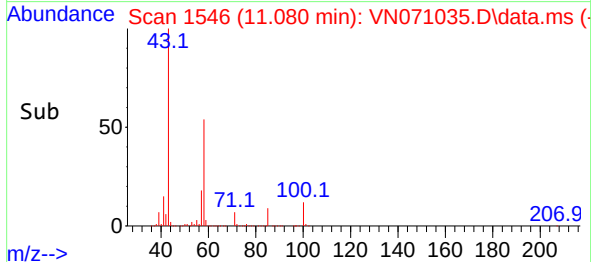
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



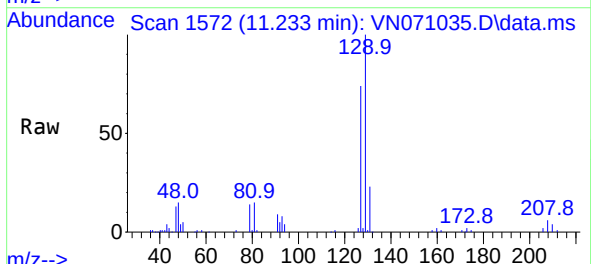
Tgt Ion: 43 Resp: 72852
Ion Ratio Lower Upper
43 100
58 54.3 26.9 80.7

Manual Integrations
APPROVED

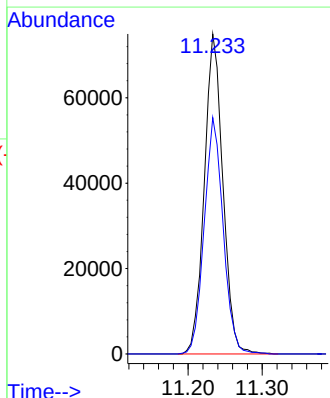
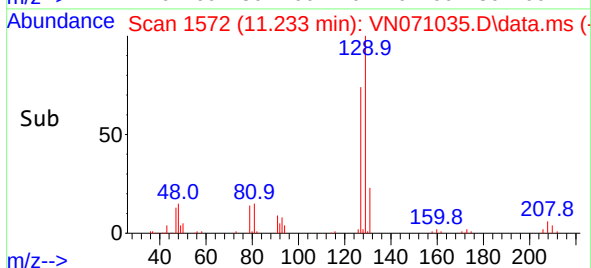
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

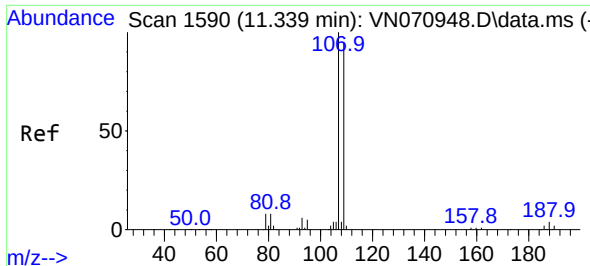


#60
Dibromochloromethane
Concen: 18.801 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02



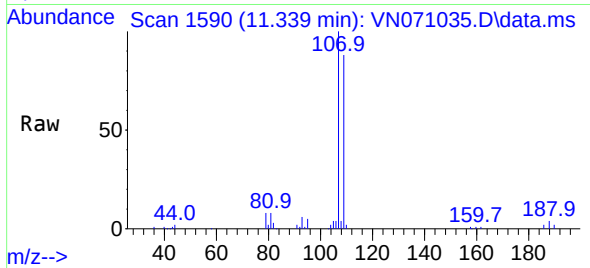
Tgt Ion:129 Resp: 130531
Ion Ratio Lower Upper
129 100
127 75.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.712 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

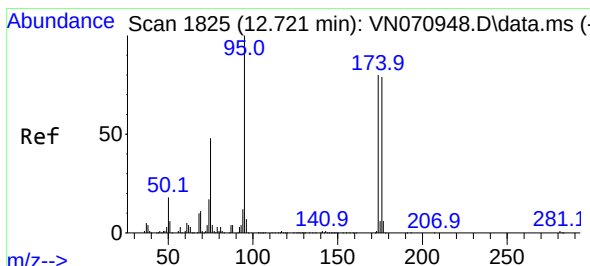
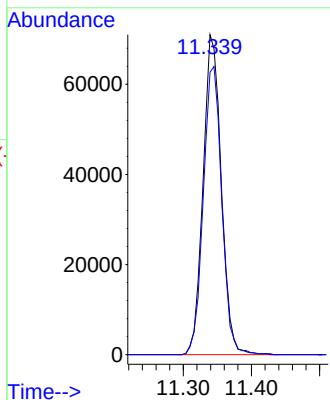
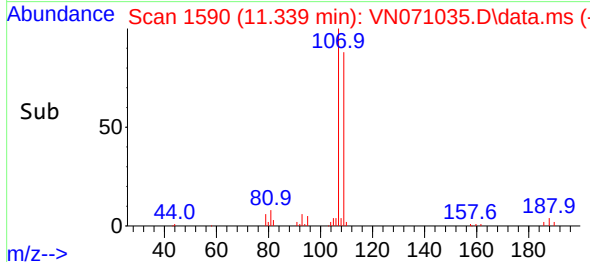
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



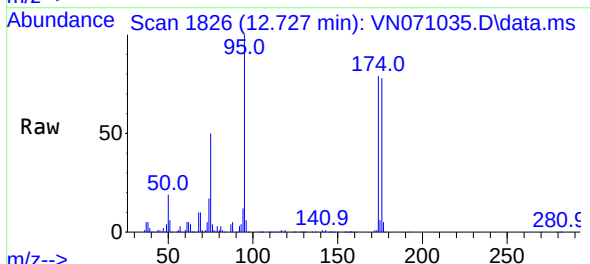
Tgt Ion:107 Resp: 13172
Ion Ratio Lower Upper
107 100
109 91.8 75.7 113.5

Manual Integrations
APPROVED

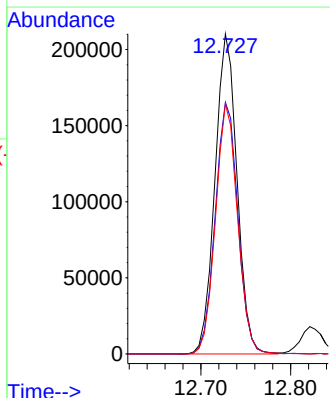
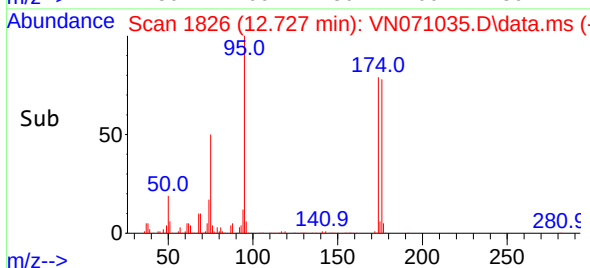
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

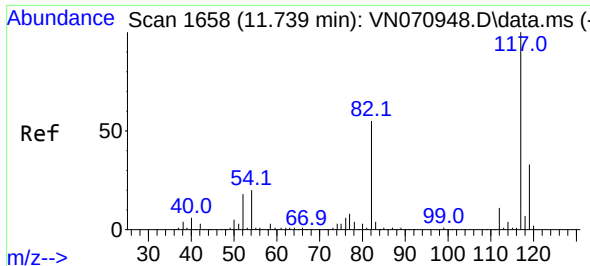


#62
4-Bromofluorobenzene
Concen: 45.286 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02



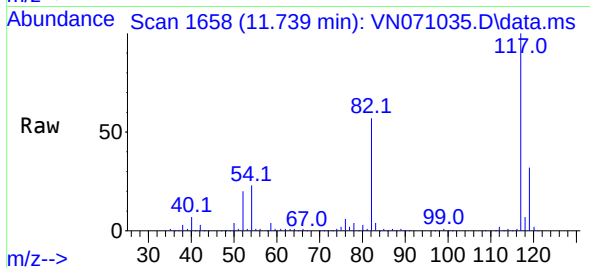
Tgt Ion: 95 Resp: 358278
Ion Ratio Lower Upper
95 100
174 80.9 0.0 187.2
176 78.3 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

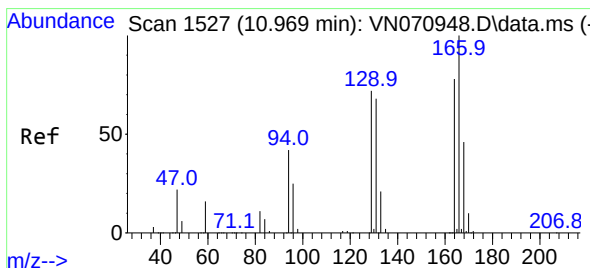
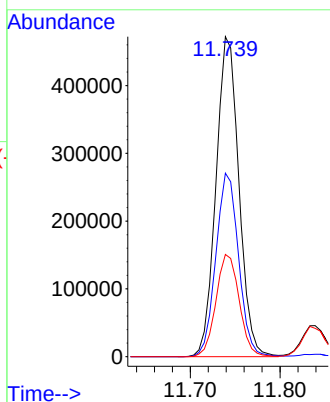
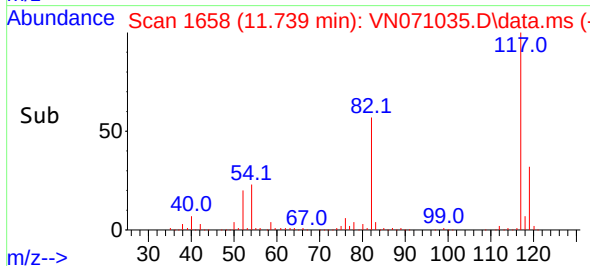
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



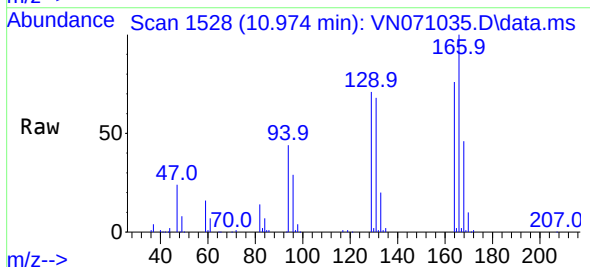
Tgt Ion:117 Resp: 838562
Ion Ratio Lower Upper
117 100
82 57.3 42.4 63.6
119 32.0 25.4 38.2

Manual Integrations
APPROVED

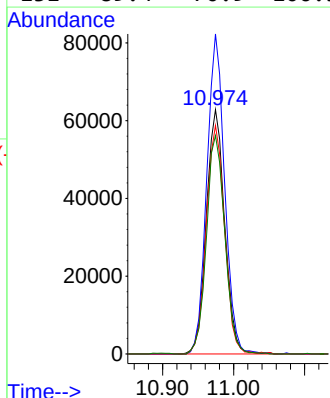
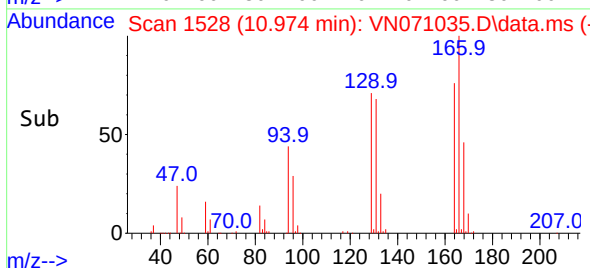
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

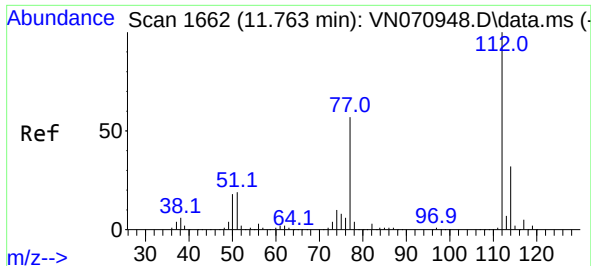


#64
Tetrachloroethene
Concen: 17.343 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02



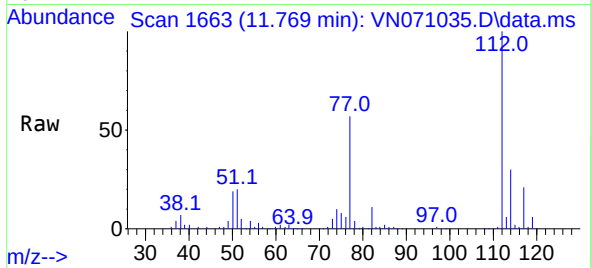
Tgt Ion:164 Resp: 113265
Ion Ratio Lower Upper
164 100
166 131.0 101.9 152.9
129 93.5 72.0 108.0
131 89.4 70.9 106.3





#65
Chlorobenzene
Concen: 18.187 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

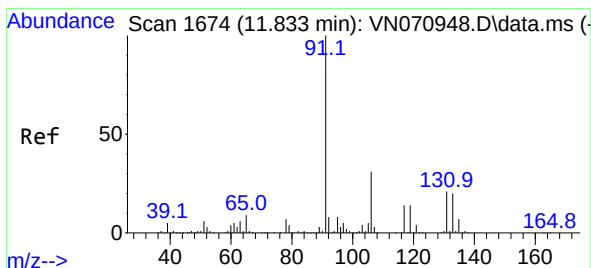
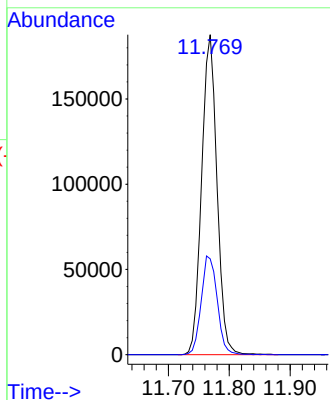
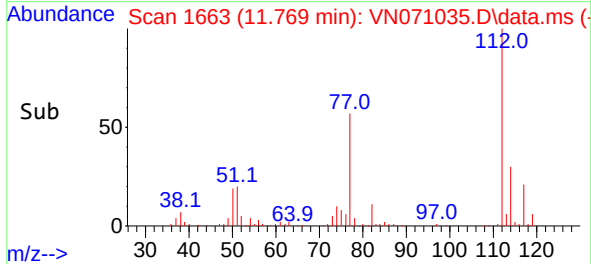
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



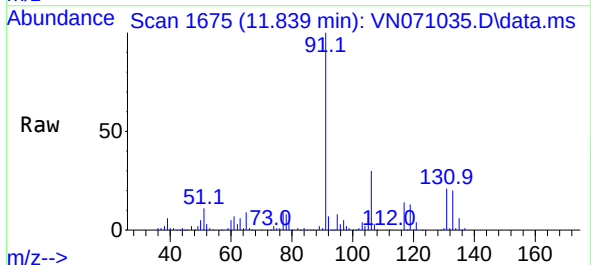
Tgt Ion:112 Resp: 32863
Ion Ratio Lower Upper
112 100
114 30.0 25.4 38.0

Manual Integrations
APPROVED

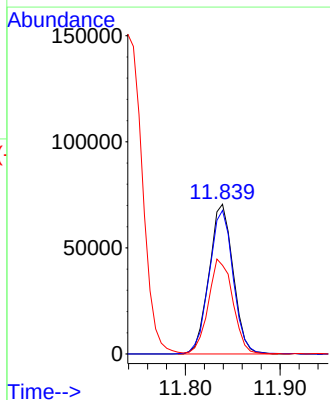
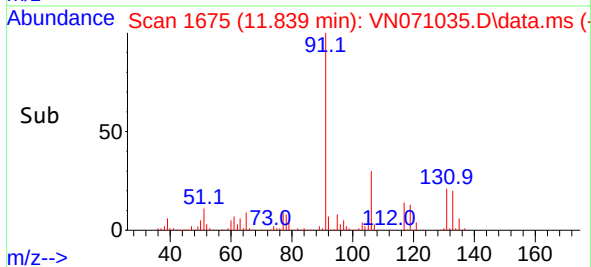
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

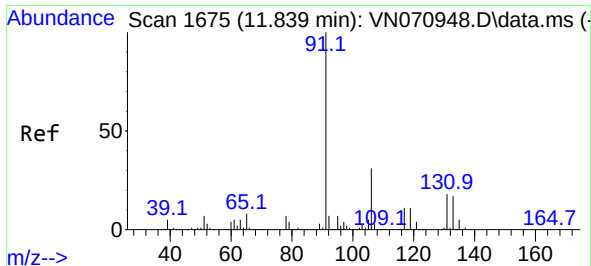


#66
1,1,1,2-Tetrachloroethane
Concen: 18.847 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02



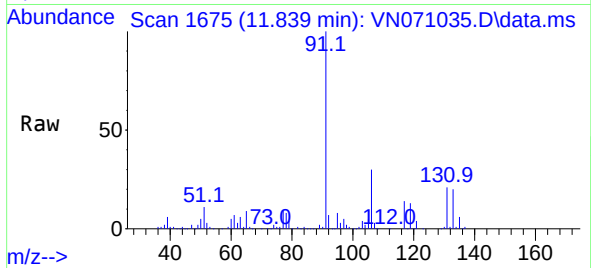
Tgt Ion:131 Resp: 124141
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.7
119 64.6 32.1 96.5





#67
Ethyl Benzene
Concen: 18.231 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

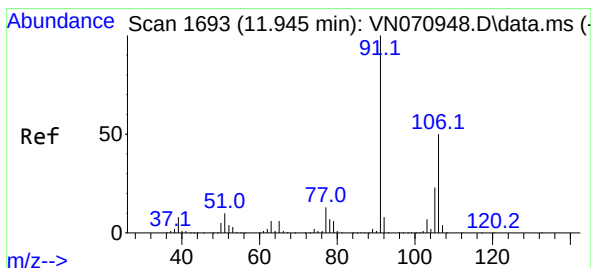
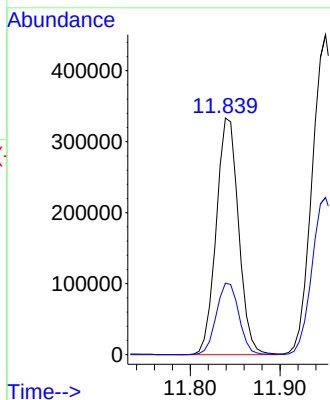
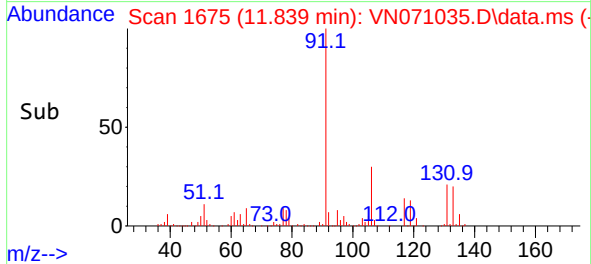
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



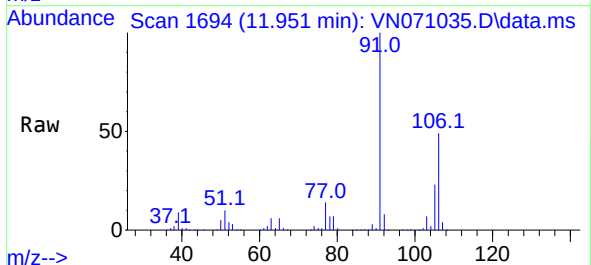
Tgt Ion: 91 Resp: 576569
Ion Ratio Lower Upper
91 100
106 30.2 25.7 38.5

Manual Integrations
APPROVED

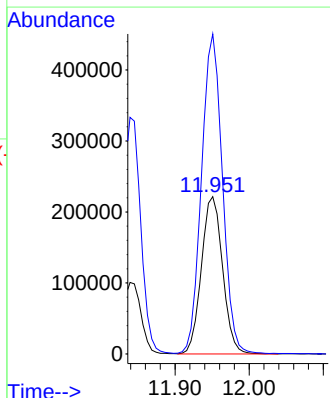
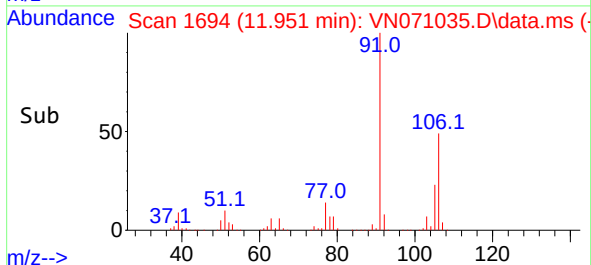
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

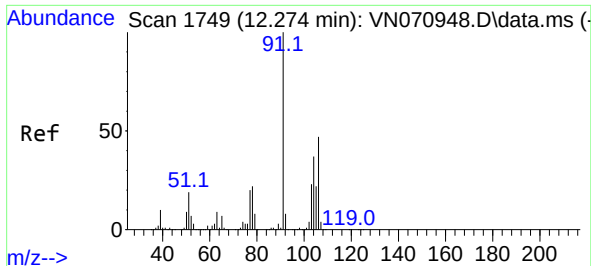


#68
m/p-Xylenes
Concen: 35.994 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02



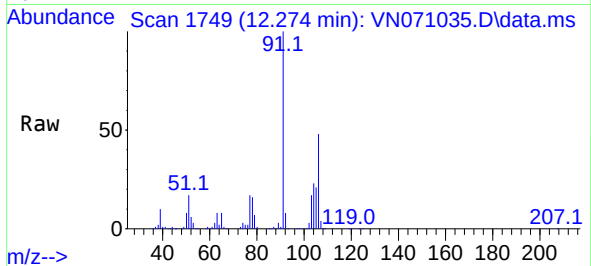
Tgt Ion:106 Resp: 439707
Ion Ratio Lower Upper
106 100
91 201.7 160.6 240.8





#69
o-Xylene
Concen: 18.179 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

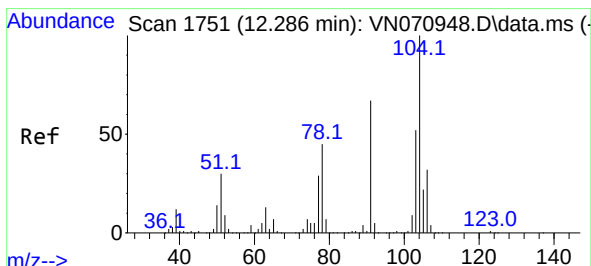
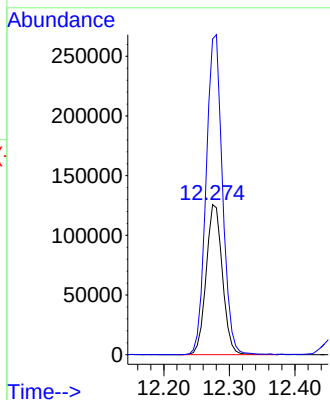
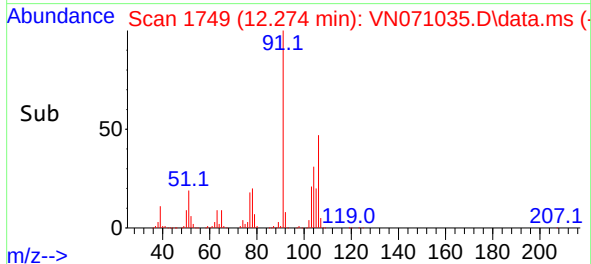
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



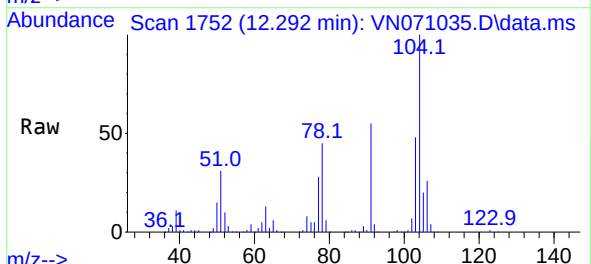
Tgt Ion:106 Resp: 216944
Ion Ratio Lower Upper
106 100
91 215.3 105.8 317.3

Manual Integrations
APPROVED

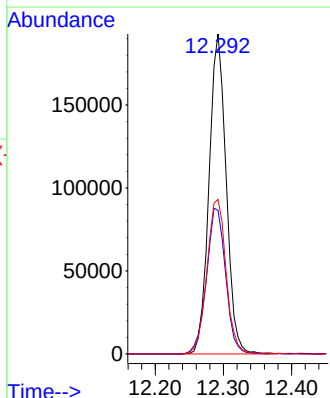
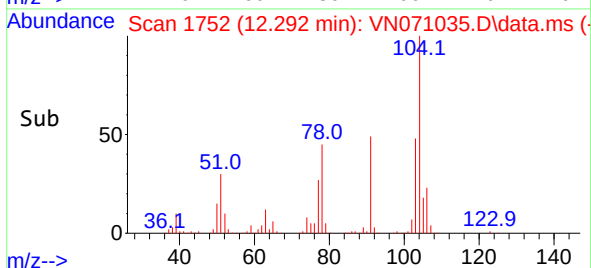
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

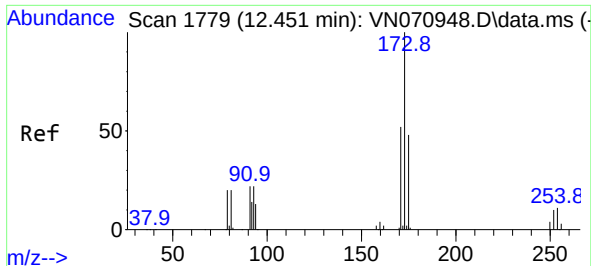


#70
Styrene
Concen: 17.788 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02



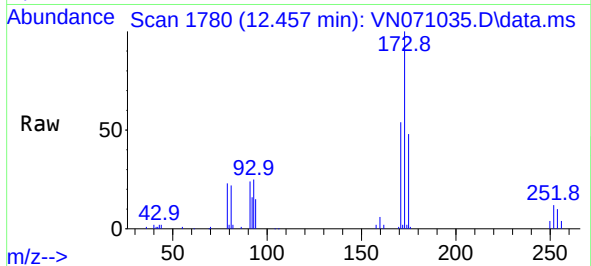
Tgt Ion:104 Resp: 337520
Ion Ratio Lower Upper
104 100
78 50.8 38.7 58.1
103 53.9 45.0 67.6





#71
Bromoform
Concen: 17.508 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

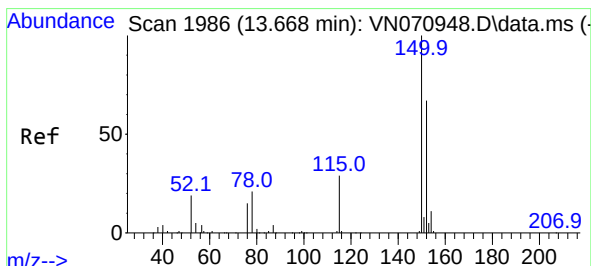
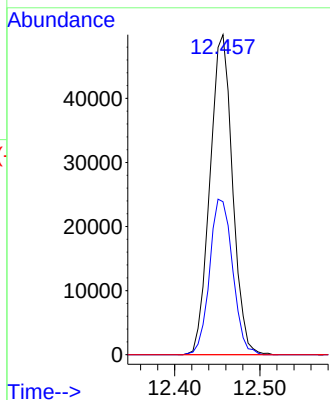
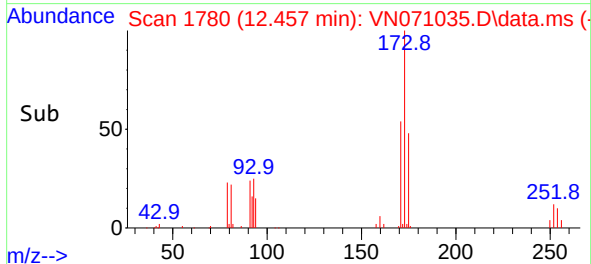
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



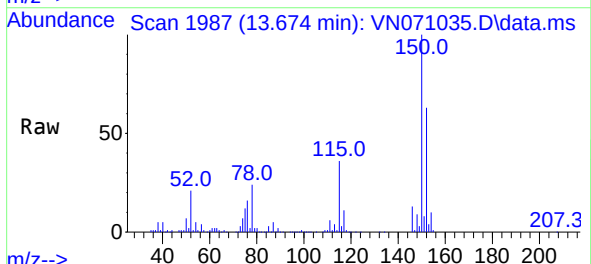
Tgt Ion:173 Resp: 91845
Ion Ratio Lower Upper
173 100
175 49.7 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

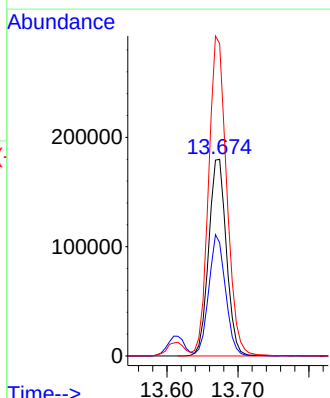
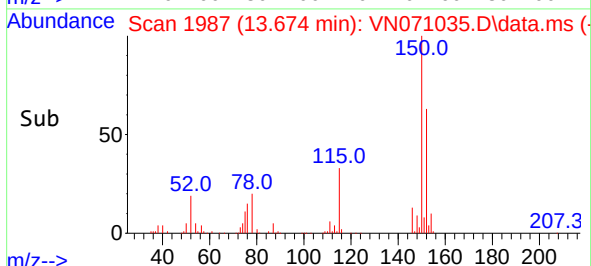
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

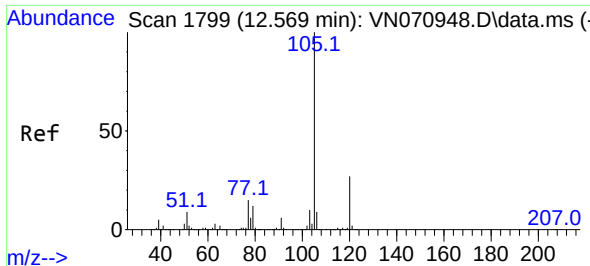


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02



Tgt Ion:152 Resp: 312121
Ion Ratio Lower Upper
152 100
115 58.2 27.5 82.5
150 166.1 0.0 344.4





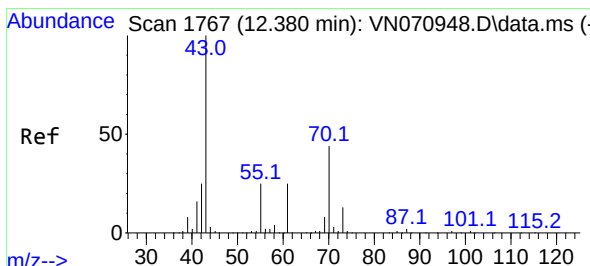
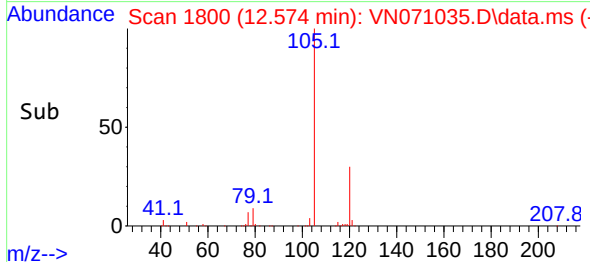
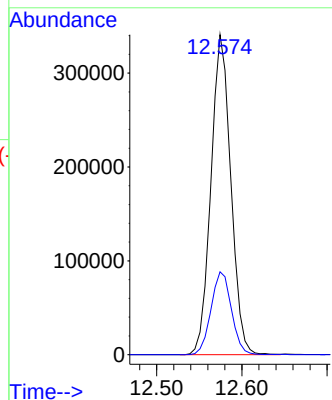
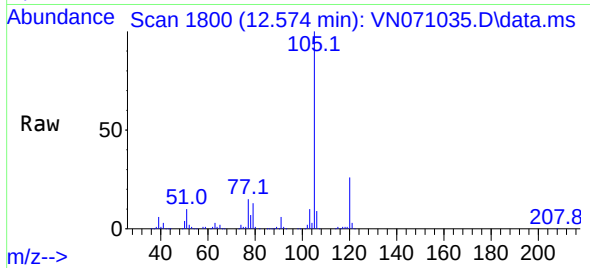
#73
Isopropylbenzene
Concen: 22.014 ug/l
RT: 12.574 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

Tgt Ion:105 Resp: 553072
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1

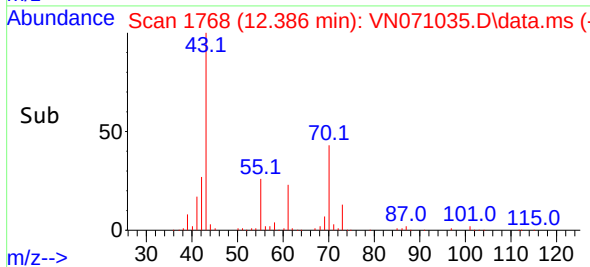
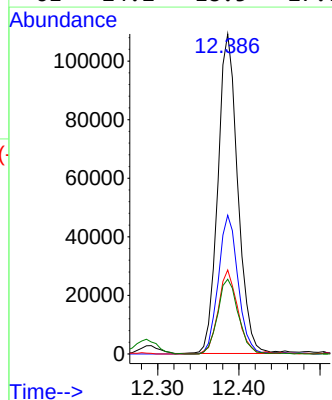
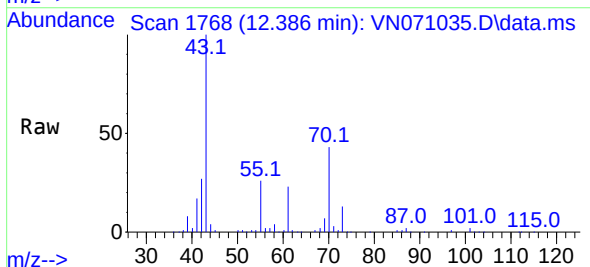
Manual Integrations
APPROVED

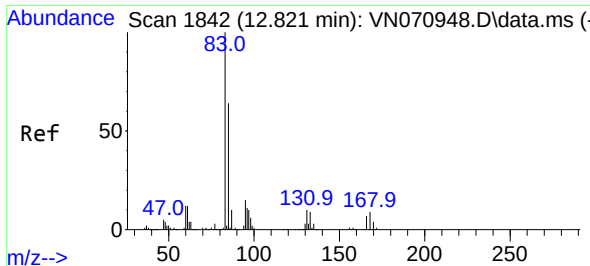
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#74
N-ethyl acetate
Concen: 23.187 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

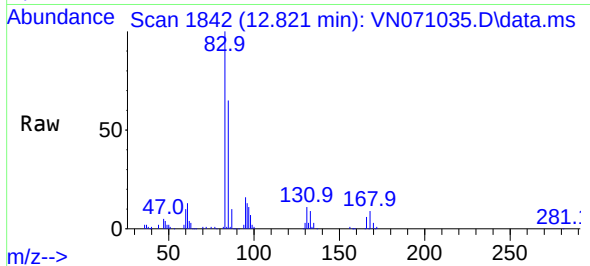
Tgt Ion: 43 Resp: 186206
Ion Ratio Lower Upper
43 100
70 43.4 33.4 50.0
55 25.9 19.3 28.9
61 24.2 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 24.286 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

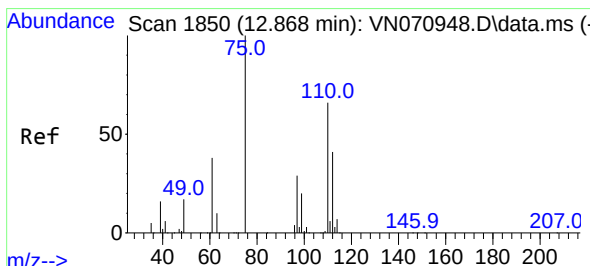
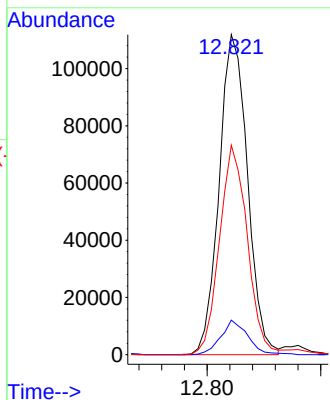
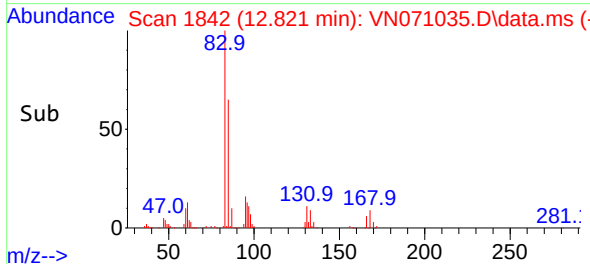
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



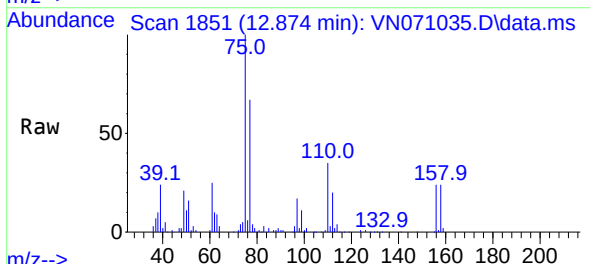
Tgt Ion: 83 Resp: 19388
Ion Ratio Lower Upper
83 100
131 10.3 5.5 16.5
85 65.6 32.4 97.2

Manual Integrations
APPROVED

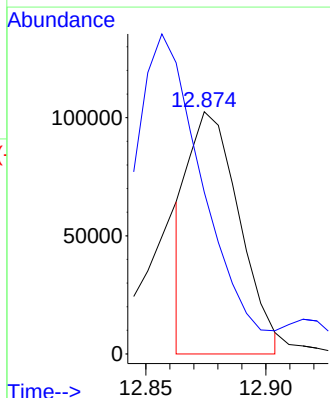
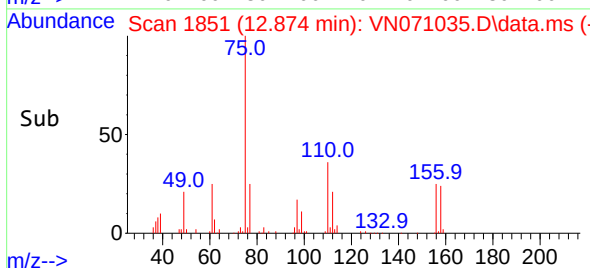
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

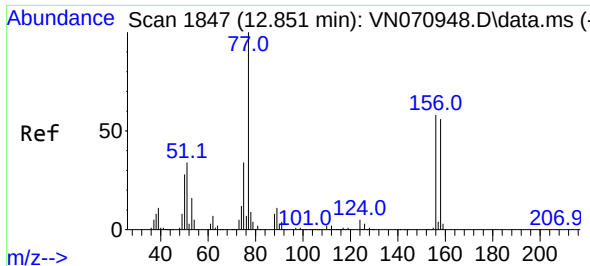


#76
1,2,3-Trichloropropane
Concen: 20.609 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02



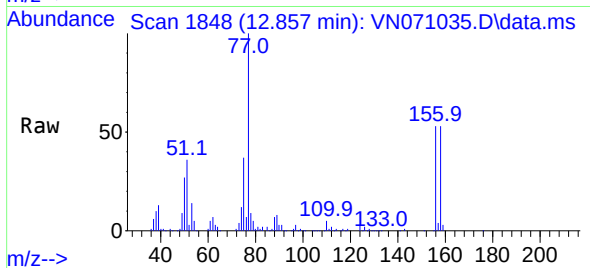
Tgt Ion: 75 Resp: 151455
Ion Ratio Lower Upper
75 100
77 185.5 82.6 247.8





#77
Bromobenzene
Concen: 20.877 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

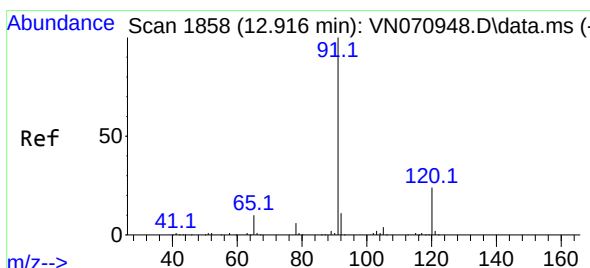
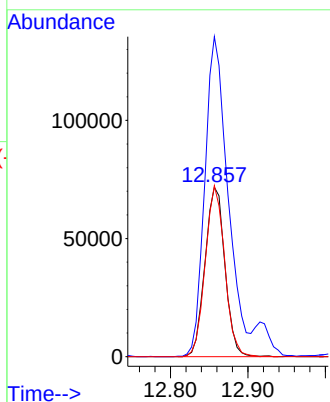
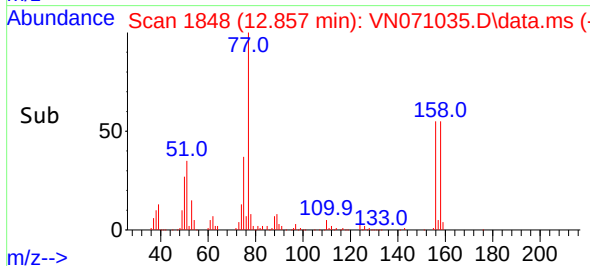
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



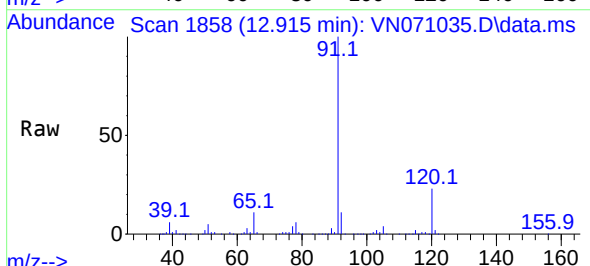
Tgt Ion:156 Resp: 128395
Ion Ratio Lower Upper
156 100
77 218.8 90.6 271.8
158 98.6 48.9 146.7

Manual Integrations
APPROVED

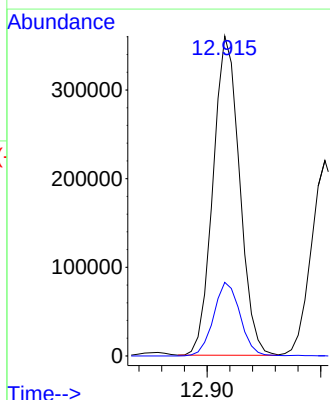
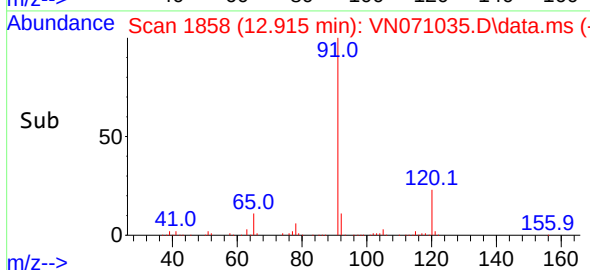
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

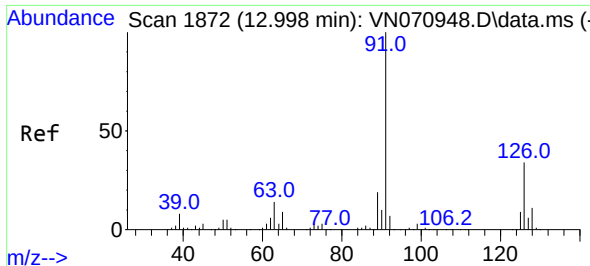


#78
n-propylbenzene
Concen: 20.655 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02



Tgt Ion: 91 Resp: 583030
Ion Ratio Lower Upper
91 100
120 23.1 11.9 35.9





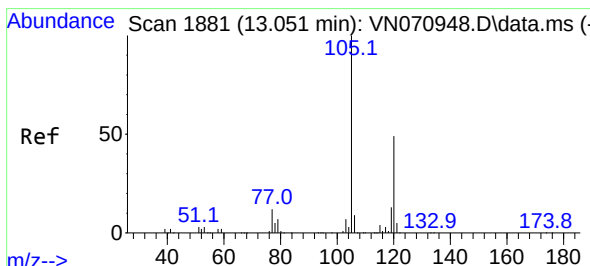
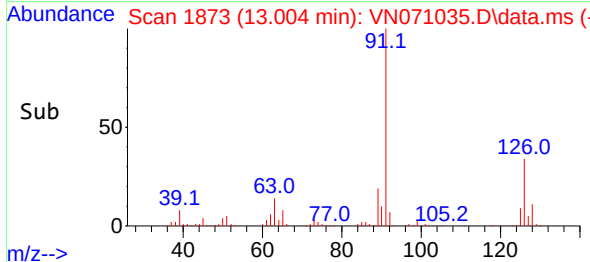
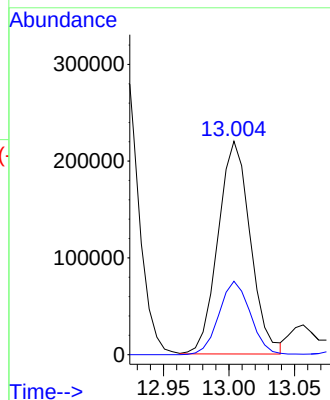
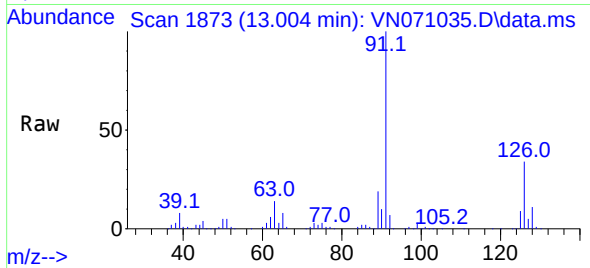
#79
2-Chlorotoluene
Concen: 22.030 ug/l
RT: 13.004 min Scan# 1872
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

Tgt Ion: 91 Resp: 377640
Ion Ratio Lower Upper
91 100
126 33.6 18.3 54.8

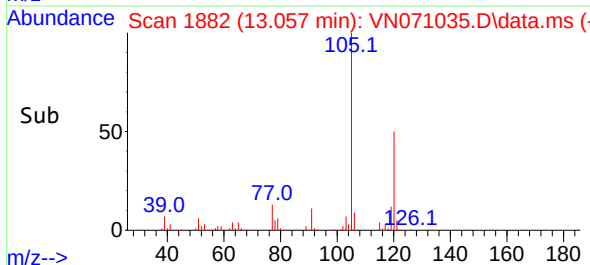
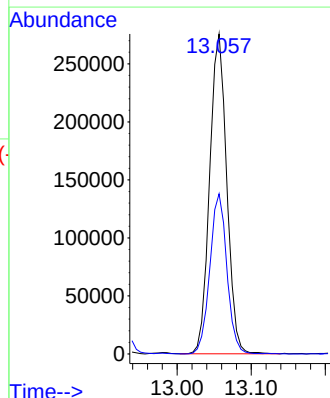
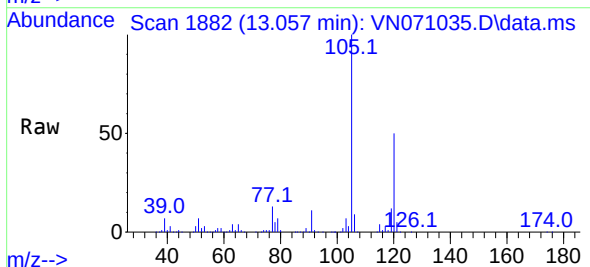
Manual Integrations
APPROVED

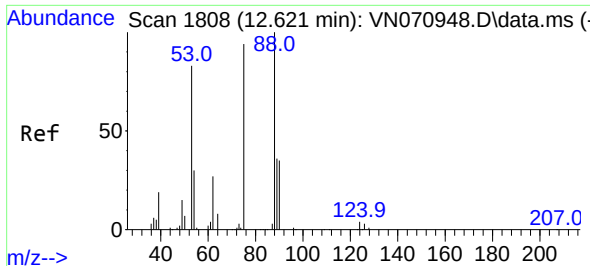
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#80
1,3,5-Trimethylbenzene
Concen: 21.648 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

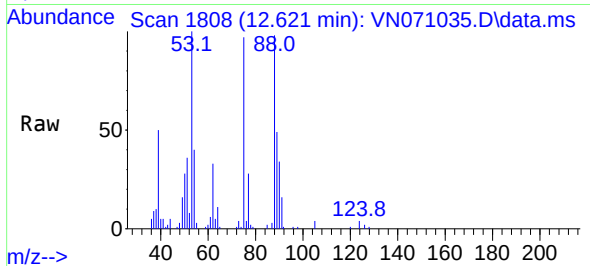
Tgt Ion:105 Resp: 440615
Ion Ratio Lower Upper
105 100
120 50.0 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 21.129 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

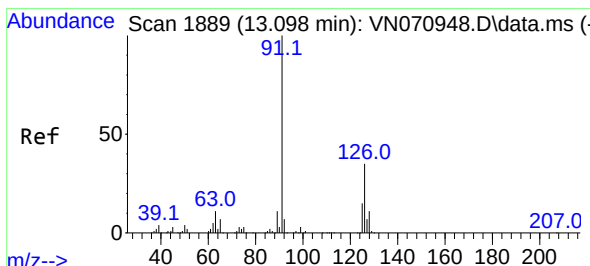
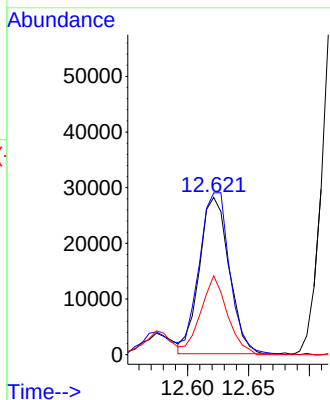
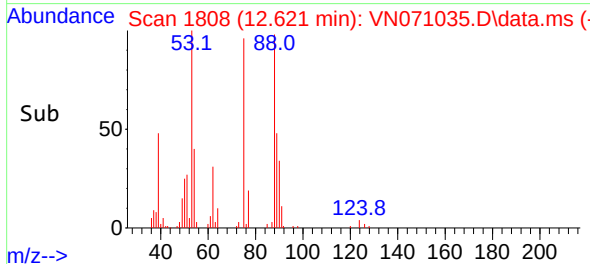
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



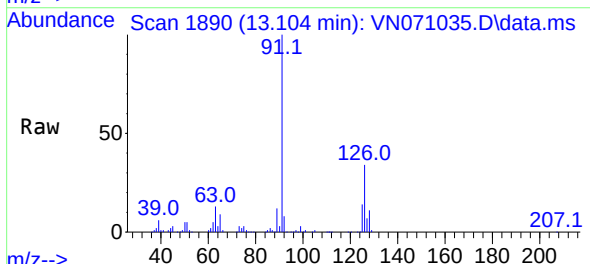
Tgt Ion: 75 Resp: 47917
Ion Ratio Lower Upper
75 100
53 106.5 90.5 135.7
89 45.4 38.2 57.4

Manual Integrations
APPROVED

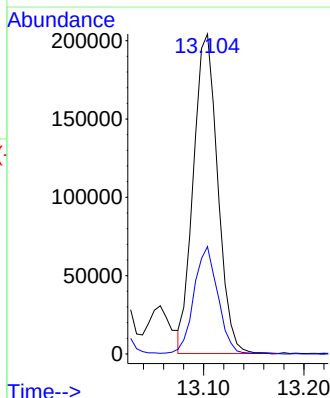
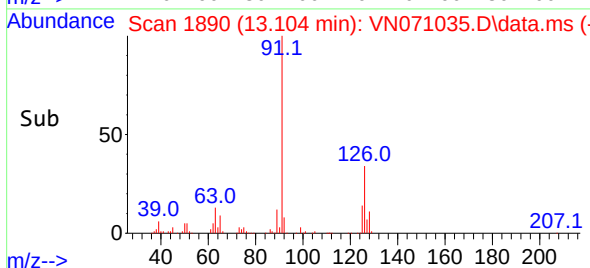
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

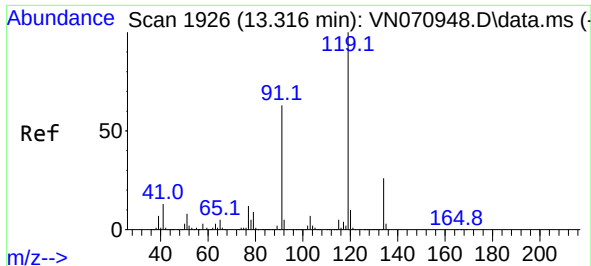


#82
4-Chlorotoluene
Concen: 20.638 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02



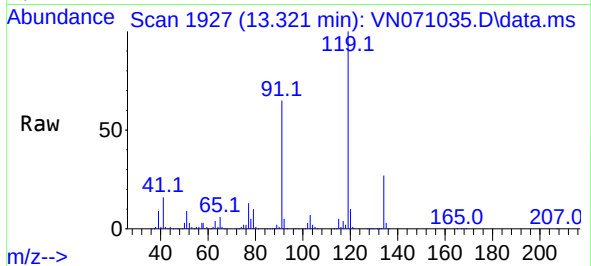
Tgt Ion: 91 Resp: 343405
Ion Ratio Lower Upper
91 100
126 33.3 18.2 54.6





#83
tert-Butylbenzene
Concen: 20.188 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

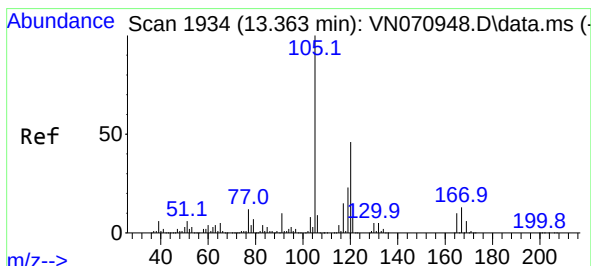
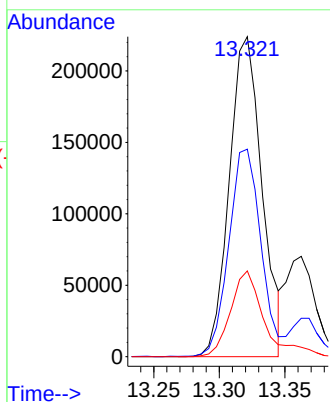
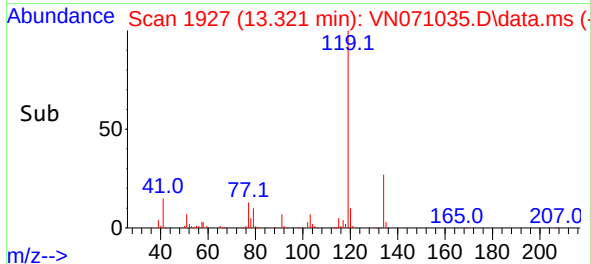
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



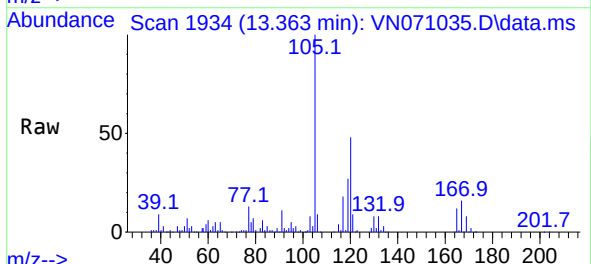
Tgt Ion:119 Resp: 389689
Ion Ratio Lower Upper
119 100
91 64.5 31.5 94.5
134 27.6 12.4 37.4

Manual Integrations
APPROVED

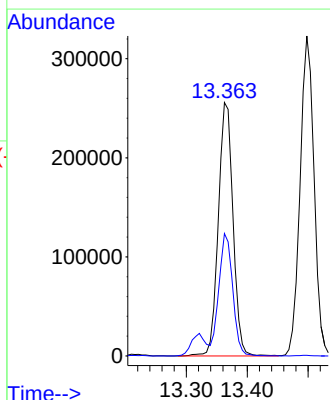
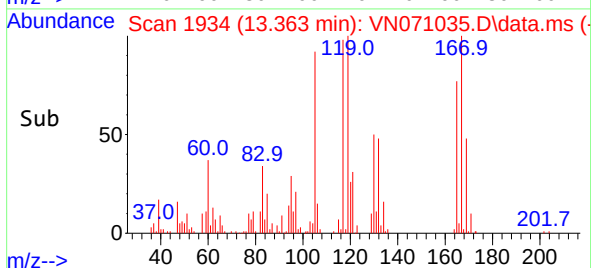
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

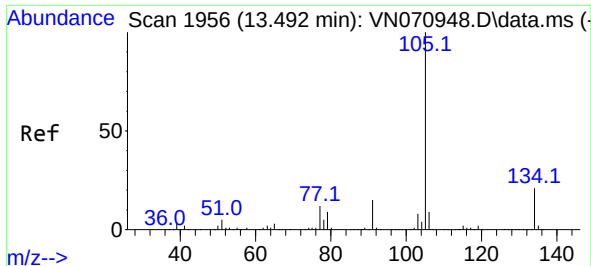


#84
1,2,4-Trimethylbenzene
Concen: 21.389 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02



Tgt Ion:105 Resp: 428551
Ion Ratio Lower Upper
105 100
120 45.5 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 20.264 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.006 min
 Lab File: VN071035.D
 Acq: 23 Feb 2022 16:02

Instrument :

MSVOA_N

ClientSampleId :

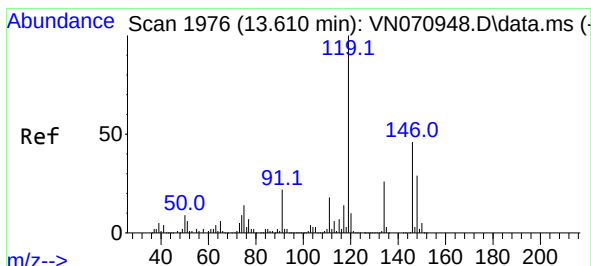
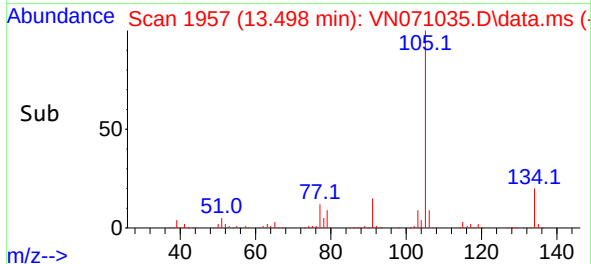
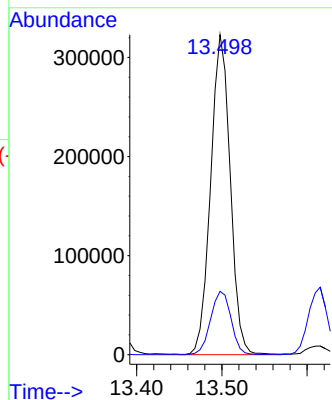
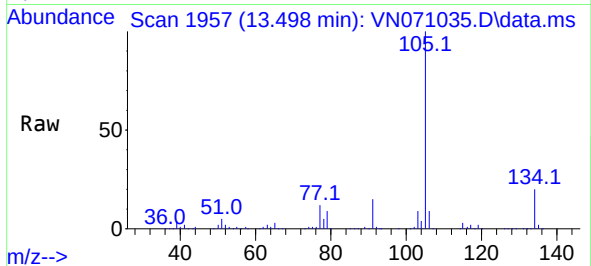
VN0223WBSD01

Tgt Ion:105 Resp: 51540
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1

Manual Integrations

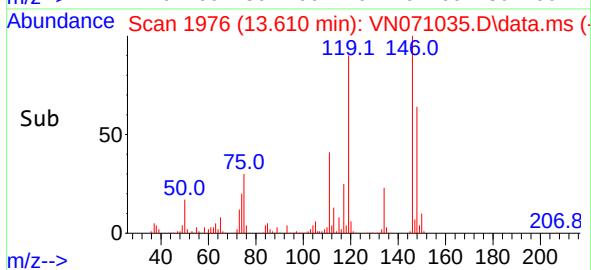
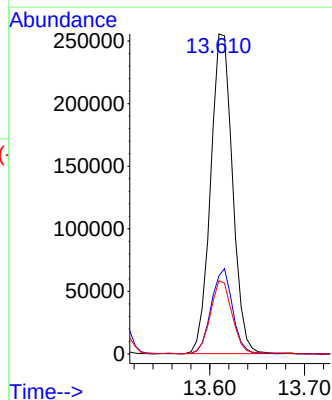
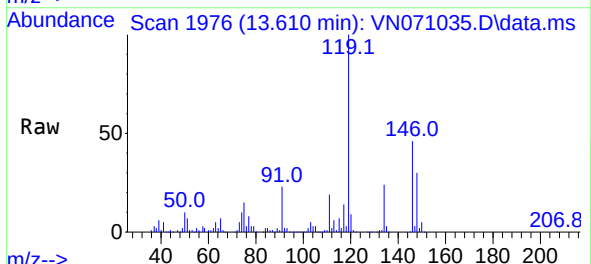
APPROVED

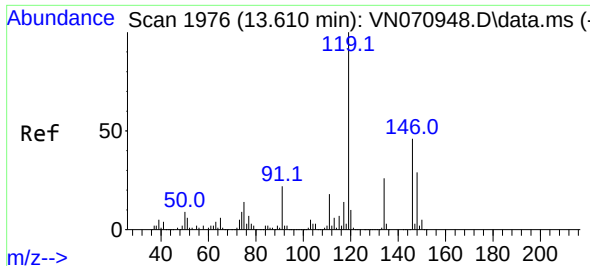
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022



#86
 p-Isopropyltoluene
 Concen: 19.614 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071035.D
 Acq: 23 Feb 2022 16:02

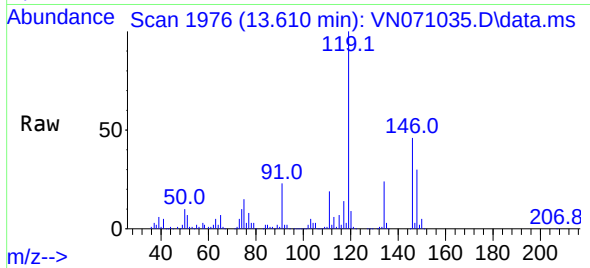
Tgt Ion:119 Resp: 409547
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.6 40.7
 91 22.5 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 19.336 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

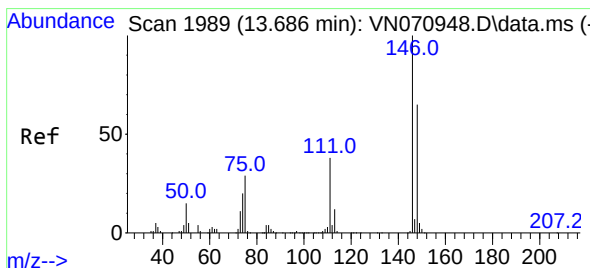
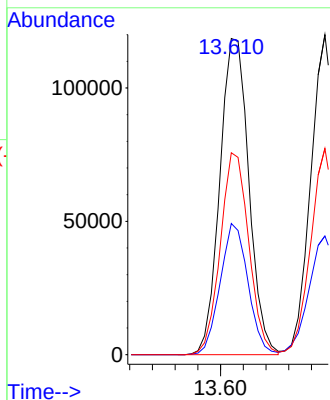
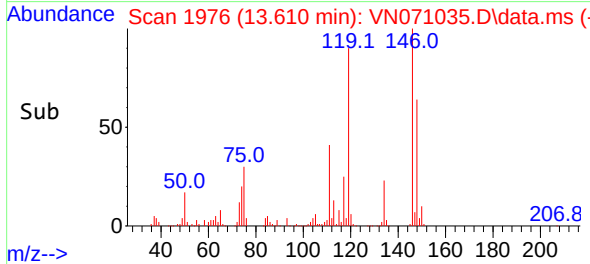
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



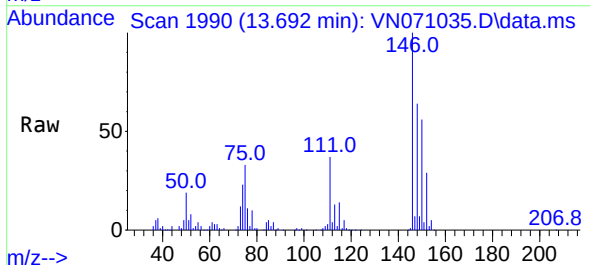
Tgt Ion:146 Resp: 21051
Ion Ratio Lower Upper
146 100
111 39.9 18.6 55.6
148 62.7 31.6 95.0

Manual Integrations
APPROVED

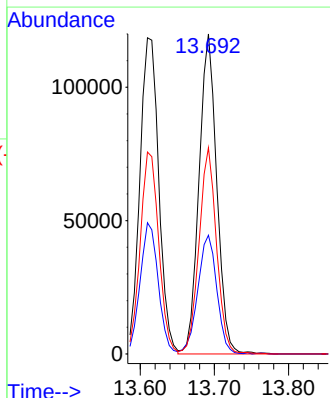
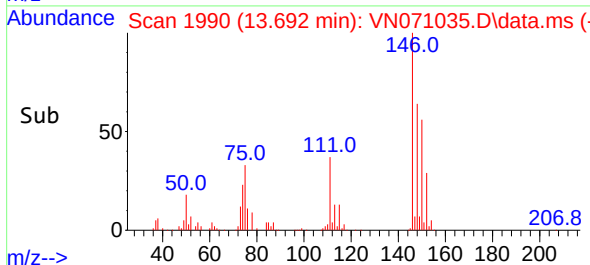
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

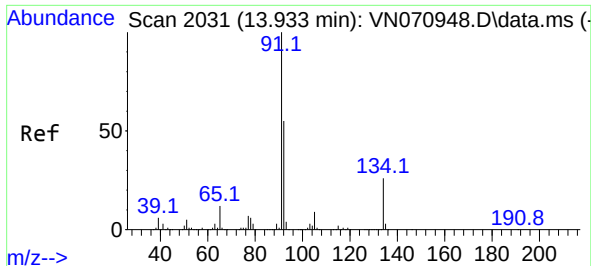


#88
1,4-Dichlorobenzene
Concen: 18.723 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02



Tgt Ion:146 Resp: 199710
Ion Ratio Lower Upper
146 100
111 39.4 18.3 54.8
148 63.8 31.8 95.4





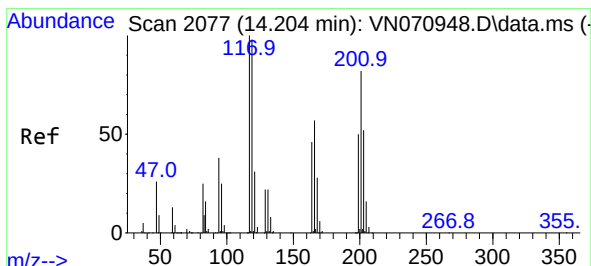
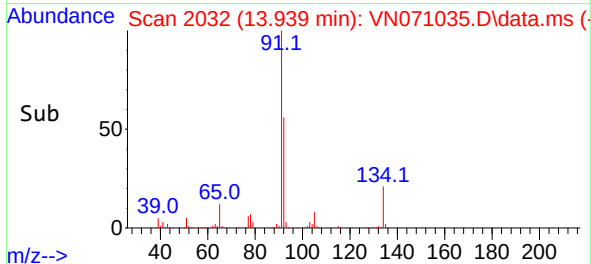
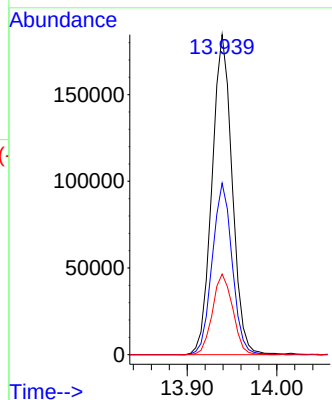
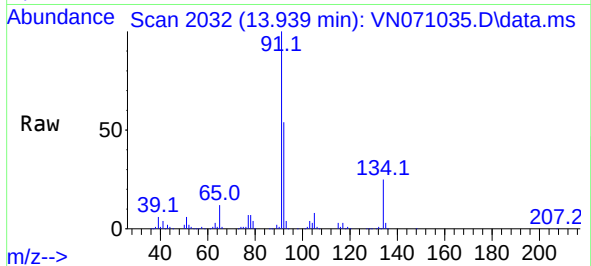
#89
n-Butylbenzene
Concen: 16.923 ug/l
RT: 13.939 min Scan# 2031
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

Tgt Ion: 91 Resp: 28829
Ion Ratio Lower Upper
91 100
92 53.1 25.4 76.0
134 25.3 13.6 40.8

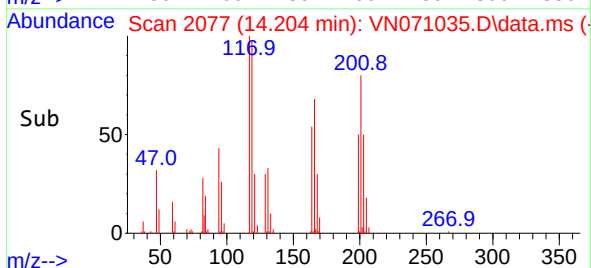
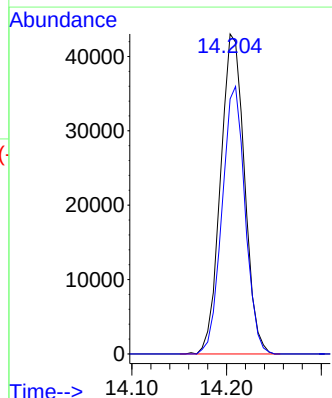
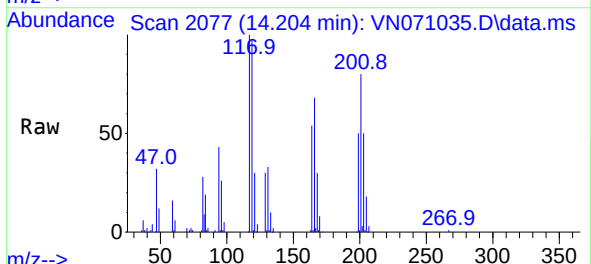
Manual Integrations
APPROVED

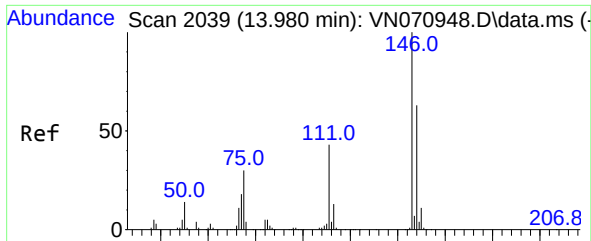
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#90
Hexachloroethane
Concen: 20.249 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

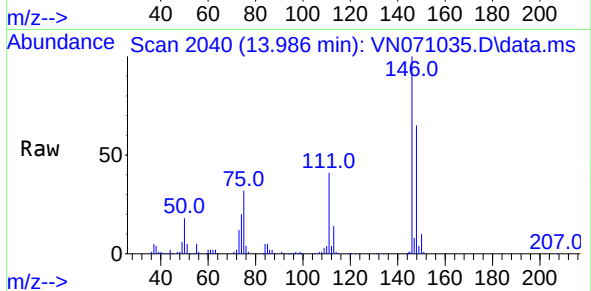
Tgt Ion:117 Resp: 75505
Ion Ratio Lower Upper
117 100
201 80.3 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 20.046 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

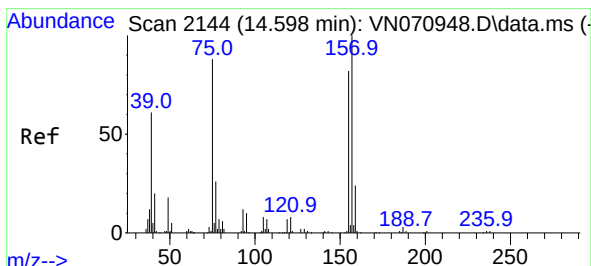
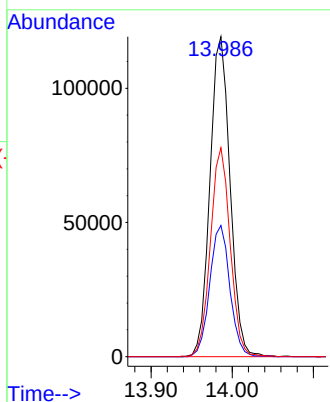
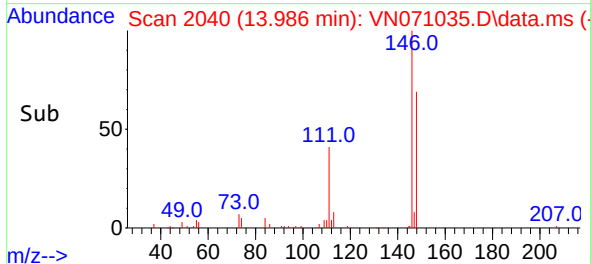
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



Tgt Ion:146 Resp: 20494
Ion Ratio Lower Upper
146 100
111 41.2 19.1 57.3
148 64.3 32.1 96.3

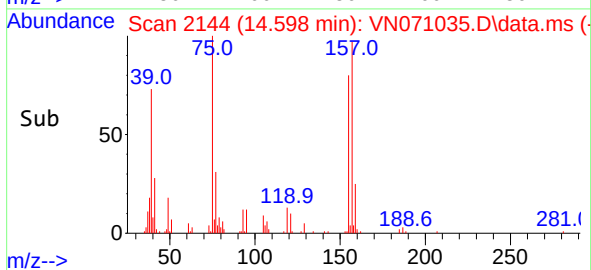
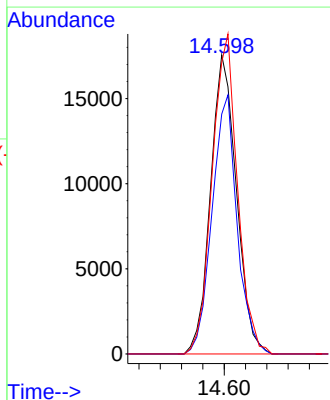
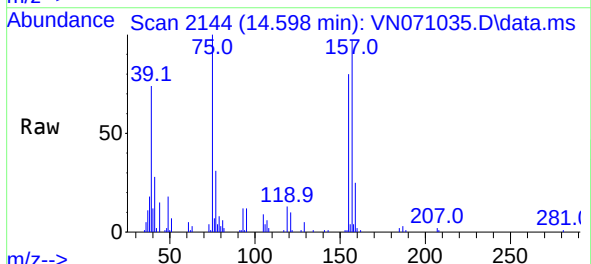
Manual Integrations
APPROVED

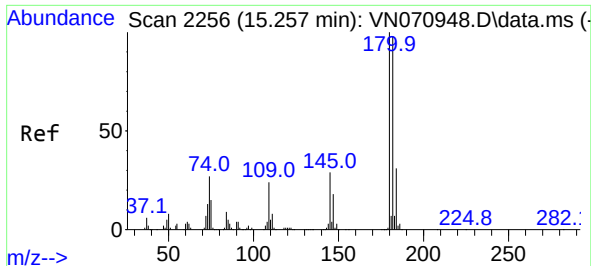
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.912 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

Tgt Ion: 75 Resp: 29636
Ion Ratio Lower Upper
75 100
155 83.8 46.9 140.7
157 104.4 60.6 181.7





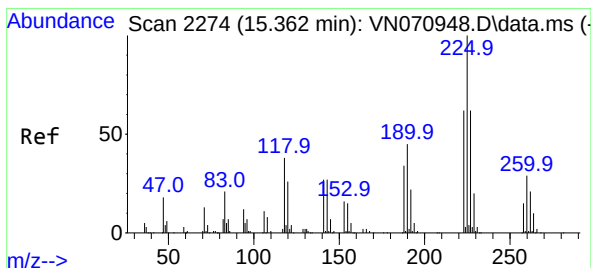
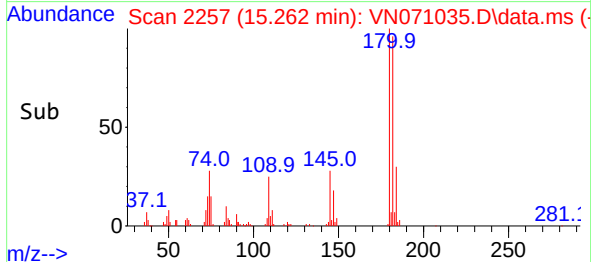
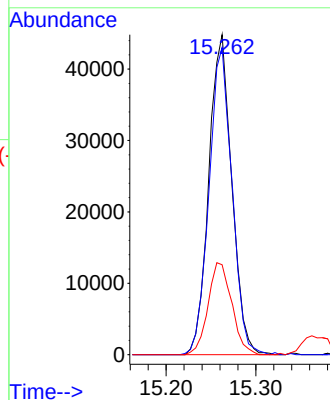
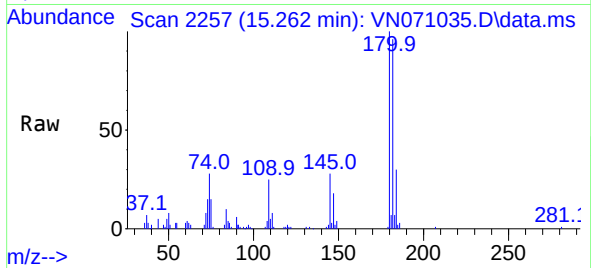
#93
1,2,4-Trichlorobenzene
Concen: 15.286 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

Tgt Ion:180 Resp: 7953
Ion Ratio Lower Upper
180 100
182 96.3 48.3 144.9
145 29.7 14.5 43.5

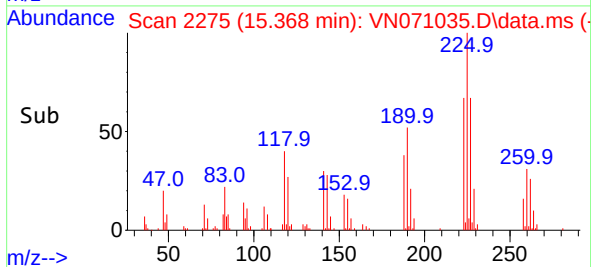
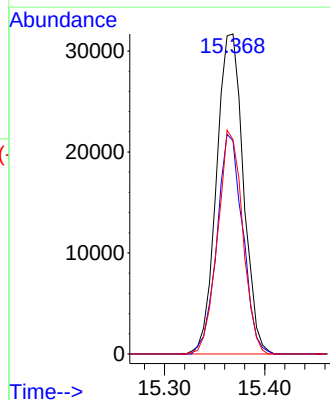
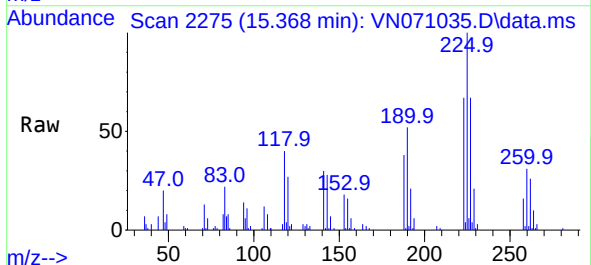
Manual Integrations
APPROVED

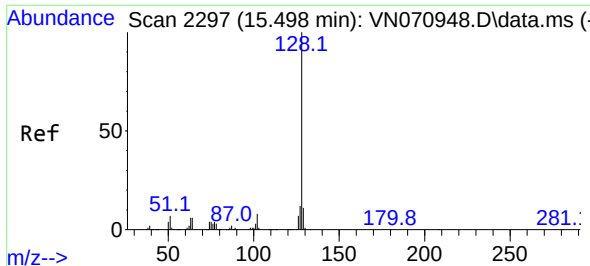
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#94
Hexachlorobutadiene
Concen: 15.795 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

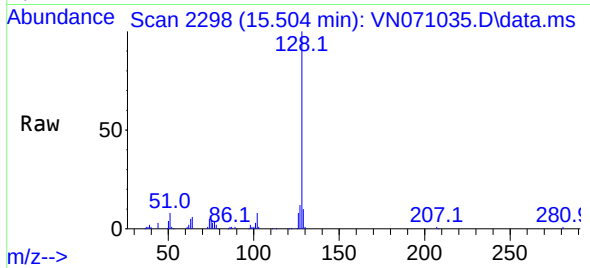
Tgt Ion:225 Resp: 58885
Ion Ratio Lower Upper
225 100
223 65.8 31.9 95.7
227 65.1 32.1 96.3





#95
Naphthalene
Concen: 16.220 ug/l
RT: 15.504 min Scan# 2297
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

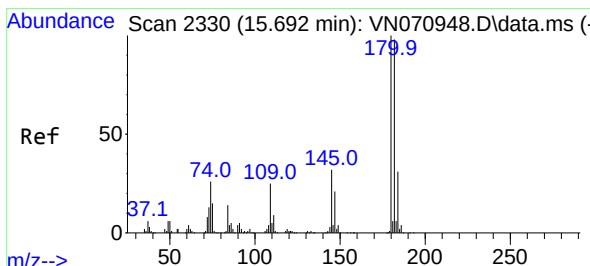
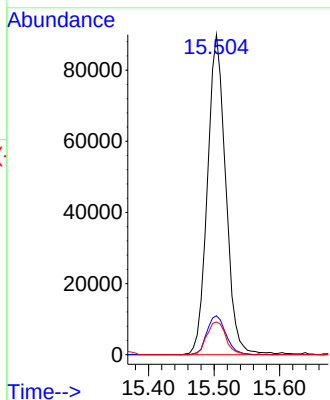
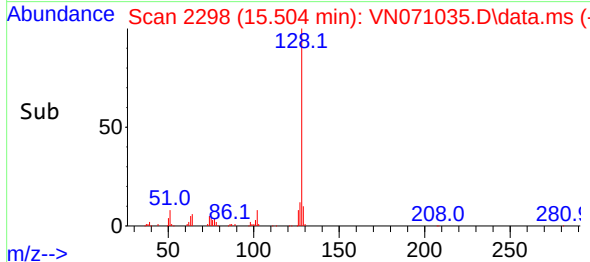
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01



Tgt Ion:128 Resp: 174080
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#96
1,2,3-Trichlorobenzene
Concen: 15.956 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071035.D
Acq: 23 Feb 2022 16:02

Tgt Ion:180 Resp: 74968
Ion Ratio Lower Upper
180 100
182 95.1 47.4 142.2
145 32.4 15.0 45.1

