

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021822\
 Data File : VN071000.D
 Acq On : 18 Feb 2022 14:27
 Operator : JC\MD
 Sample : VN0218WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0218WBS01

Quant Time: Feb 19 00:38:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/22/2022
 Supervised By : Mahesh Dadoda 02/22/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	763711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1200796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1090868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	437418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	463882	53.173	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.340%			
35) Dibromofluoromethane	8.016	113	374899	52.490	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.980%			
50) Toluene-d8	10.439	98	1484859	51.768	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.540%			
62) 4-Bromofluorobenzene	12.727	95	487754	47.574	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	131927	16.632	ug/l	100
3) Chloromethane	2.299	50	171081	17.159	ug/l	98
4) Vinyl Chloride	2.440	62	163392	16.371	ug/l	94
5) Bromomethane	2.846	94	93075	16.416	ug/l	97
6) Chloroethane	3.016	64	110317	16.848	ug/l	97
7) Trichlorofluoromethane	3.375	101	218251	17.449	ug/l	99
8) Diethyl Ether	3.822	74	90559	16.655	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.210	101	130141	16.959	ug/l	96
10) Methyl Iodide	4.428	142	174326	16.402	ug/l	98
11) Tert butyl alcohol	5.363	59	157236	98.897	ug/l	99
12) 1,1-Dichloroethene	4.181	96	121960	16.312	ug/l	98
13) Acrolein	4.040	56	99201	69.826	ug/l	100
14) Allyl chloride	4.840	41	240440	16.862	ug/l	88
15) Acrylonitrile	5.551	53	460800	98.396	ug/l	99
16) Acetone	4.281	43	475148	98.896	ug/l	95
17) Carbon Disulfide	4.534	76	311472	14.527	ug/l	100
18) Methyl Acetate	4.857	43	207456	19.351	ug/l	98
19) Methyl tert-butyl Ether	5.610	73	463060	17.656	ug/l	98
20) Methylene Chloride	5.092	84	150092	17.189	ug/l	95
21) trans-1,2-Dichloroethene	5.598	96	132716	16.538	ug/l	97
22) Diisopropyl ether	6.492	45	513443	18.774	ug/l	96
23) Vinyl Acetate	6.428	43	2154555	93.066	ug/l	99
24) 1,1-Dichloroethane	6.386	63	269477	17.577	ug/l	100
25) 2-Butanone	7.328	43	653062	102.179	ug/l	98
26) 2,2-Dichloropropane	7.328	77	221497	17.384	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	158779	17.215	ug/l	92
28) Bromochloromethane	7.651	49	120003	19.339	ug/l	89
29) Tetrahydrofuran	7.681	42	420801	101.632	ug/l	94
30) Chloroform	7.816	83	263574	17.480	ug/l	95
31) Cyclohexane	8.092	56	262041	17.368	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	224386	17.232	ug/l	97
36) 1,1-Dichloropropene	8.222	75	196209	16.768	ug/l	97
37) Ethyl Acetate	7.404	43	254705	20.296	ug/l	99
38) Carbon Tetrachloride	8.210	117	192091	16.661	ug/l	98
39) Methylcyclohexane	9.457	83	244149	16.215	ug/l	95
40) Benzene	8.457	78	607746	17.558	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	126702	19.170	ug/l	92
42) 1,2-Dichloroethane	8.522	62	211390	17.932	ug/l	98
43) Isopropyl Acetate	8.557	43	373552	18.884	ug/l	99
44) Trichloroethene	9.216	130	151289	16.599	ug/l	100
45) 1,2-Dichloropropane	9.486	63	156405	17.640	ug/l	98
46) Dibromomethane	9.575	93	100372	17.202	ug/l	98
47) Bromodichloromethane	9.757	83	199567	16.923	ug/l	96
48) Methyl methacrylate	9.557	41	178282	19.041	ug/l #	85
49) 1,4-Dioxane	9.563	88	71077	427.411	ug/l	90
51) 4-Methyl-2-Pentanone	10.327	43	1205697	100.181	ug/l	98
52) Toluene	10.504	92	377240	17.345	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	215969	16.843	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	241575	17.155	ug/l	94
55) 1,1,2-Trichloroethane	10.898	97	151108	17.749	ug/l	96
56) Ethyl methacrylate	10.757	69	236476	18.435	ug/l	91
57) 1,3-Dichloropropane	11.039	76	262941	17.855	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	163420	81.790	ug/l	97
59) 2-Hexanone	11.080	43	860995	104.020	ug/l	97
60) Dibromochloromethane	11.233	129	153282	17.036	ug/l	99
61) 1,2-Dibromoethane	11.345	107	150071	17.330	ug/l	99
64) Tetrachloroethene	10.974	164	140560	16.545	ug/l	98
65) Chlorobenzene	11.769	112	394829	16.797	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	147567	17.222	ug/l	99
67) Ethyl Benzene	11.839	91	708273	17.215	ug/l	99
68) m/p-Xylenes	11.951	106	542450	34.134	ug/l	99
69) o-Xylene	12.280	106	264309	17.026	ug/l	99
70) Styrene	12.292	104	421000	17.055	ug/l	98
71) Bromoform	12.457	173	111725	16.372	ug/l #	97
73) Isopropylbenzene	12.574	105	679436	19.298	ug/l	100
74) N-amyl acetate	12.386	43	234410	20.828	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	230005	20.558	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	202830m	19.694	ug/l	
77) Bromobenzene	12.857	156	160234	18.591	ug/l	86
78) n-propylbenzene	12.915	91	750886	18.982	ug/l	98
79) 2-Chlorotoluene	13.004	91	464276	19.326	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	553250	19.396	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	60579	19.060	ug/l	90
82) 4-Chlorotoluene	13.098	91	425608	18.251	ug/l	96
83) tert-Butylbenzene	13.321	119	489168	18.083	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	540118	19.236	ug/l	99
85) sec-Butylbenzene	13.498	105	651575	18.280	ug/l	100
86) p-Isopropyltoluene	13.610	119	534413	18.263	ug/l	99
87) 1,3-Dichlorobenzene	13.615	146	266351	17.457	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	257976	17.257	ug/l	96
89) n-Butylbenzene	13.939	91	378010	15.834	ug/l	97
90) Hexachloroethane	14.210	117	93663	17.923	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	263184	18.369	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	37929	20.924	ug/l	87
93) 1,2,4-Trichlorobenzene	15.262	180	116362	15.870	ug/l	98
94) Hexachlorobutadiene	15.368	225	76471	14.636	ug/l	99
95) Naphthalene	15.504	128	267386	17.298	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	111403	16.767	ug/l	99

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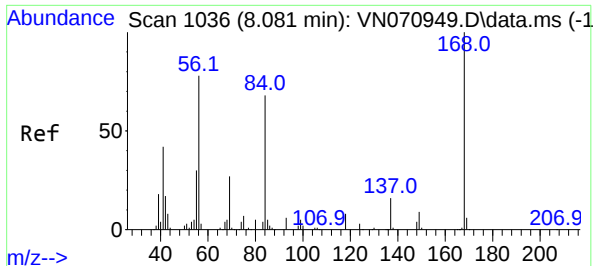
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Feb 16 07:52:42 2022
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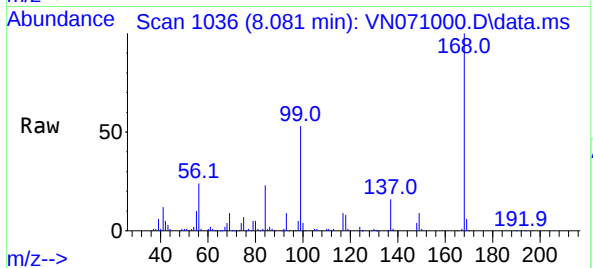
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071000.D
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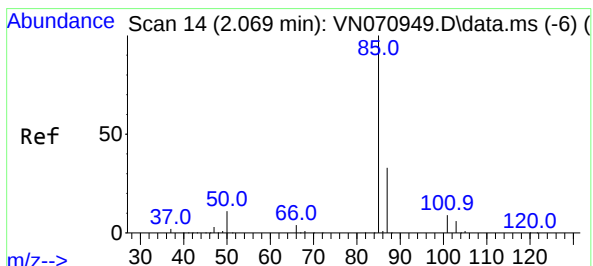
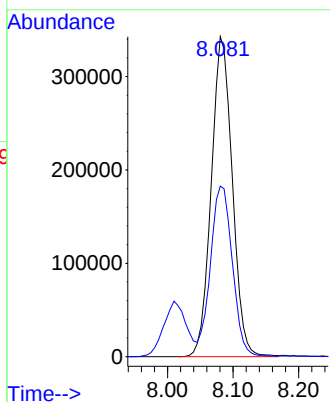
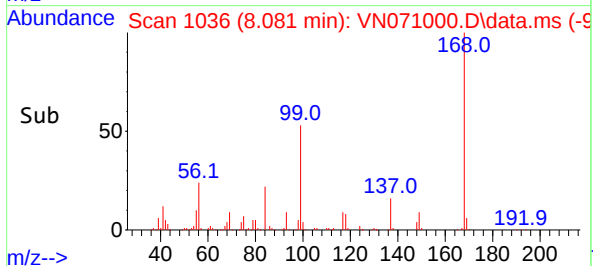
Instrument :
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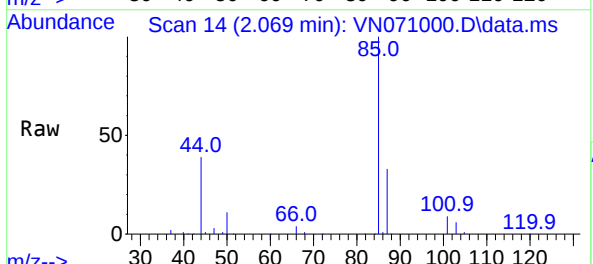
Tgt Ion:168 Resp: 76371
Ion Ratio Lower Upper
168 100
99 53.1 41.3 61.9

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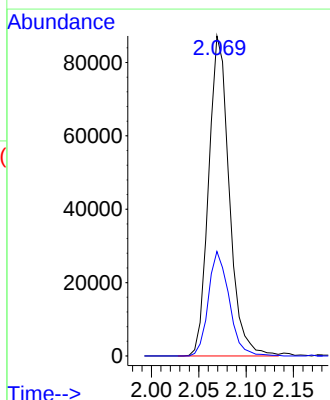
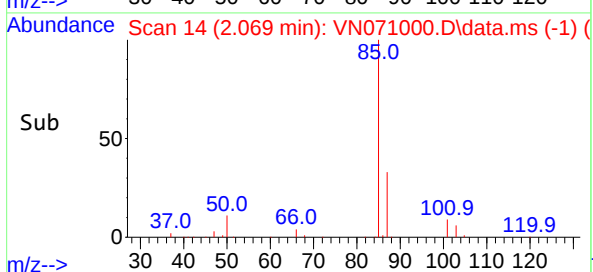
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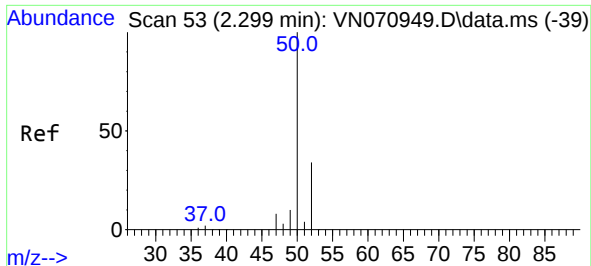


Dichlorodifluoromethane
Concen: 16.632 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27



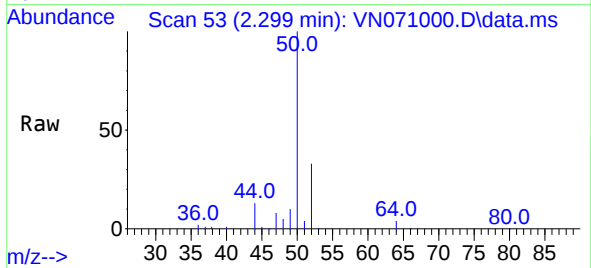
Tgt Ion: 85 Resp: 131927
Ion Ratio Lower Upper
85 100
87 32.7 16.3 48.9





#3
Chloromethane
Concen: 17.159 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

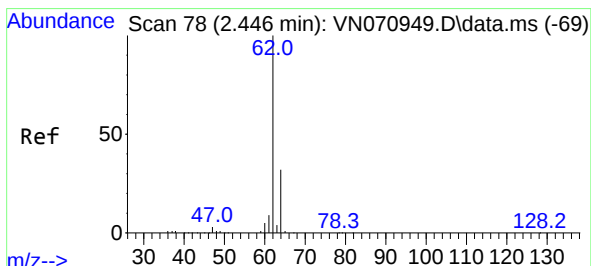
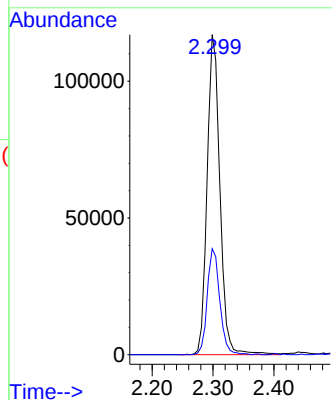
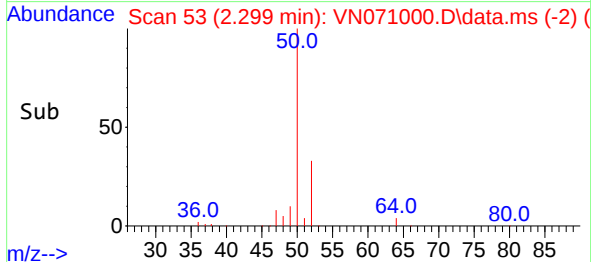
Instrument :
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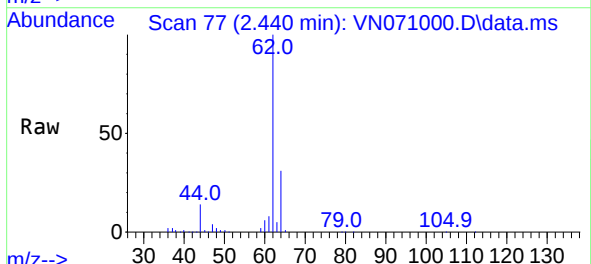
Tgt Ion: 50 Resp: 17108
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.0

Manual Integrations
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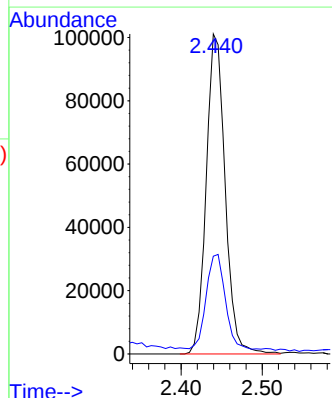
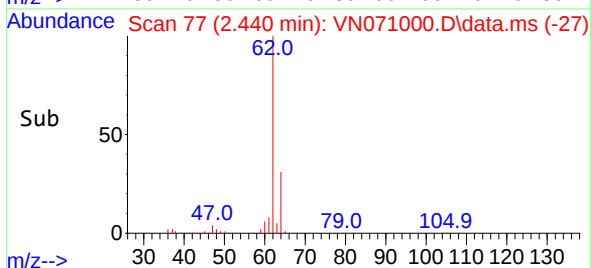
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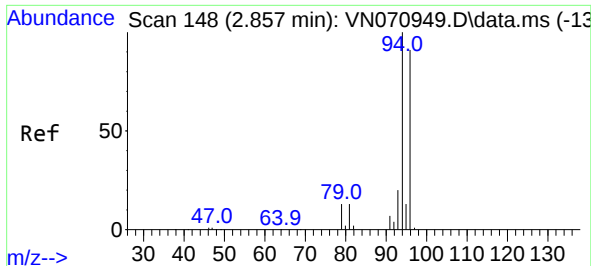


#4
Vinyl Chloride
Concen: 16.371 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27



Tgt Ion: 62 Resp: 163392
Ion Ratio Lower Upper
62 100
64 29.1 25.8 38.6





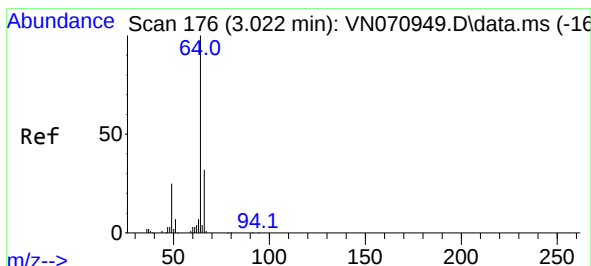
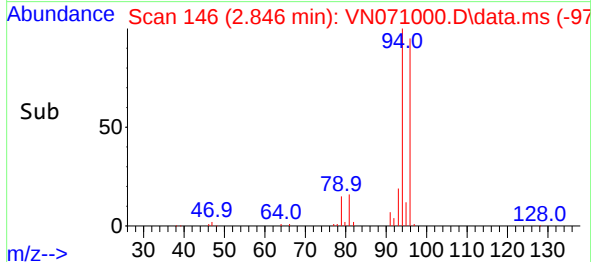
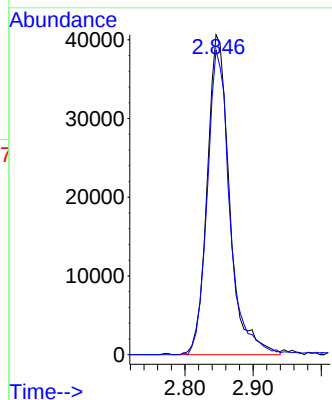
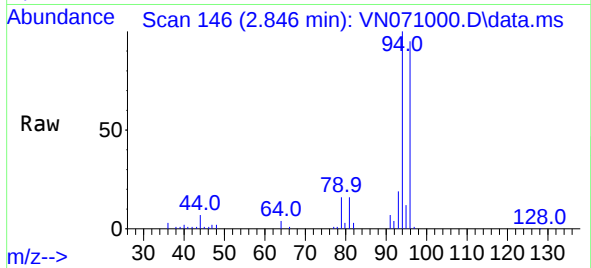
#5
Bromomethane
Concen: 16.416 ug/l
RT: 2.846 min Scan# 148
Delta R.T. -0.012 min
Lab File: VN071000.D
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Instrument :
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Tgt Ion: 94 Resp: 93075
Ion Ratio Lower Upper
94 100
96 95.1 73.8 110.8

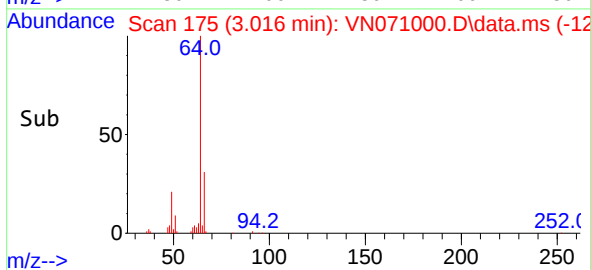
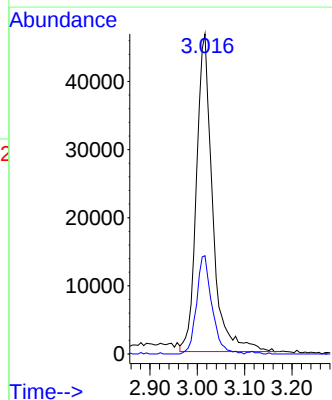
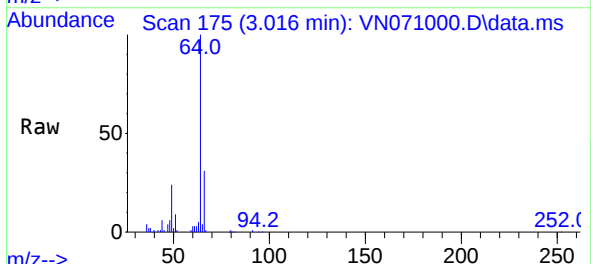
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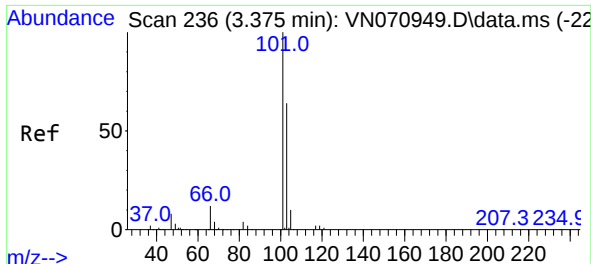
Reviewed By :John Carlone 02/22/2022
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#6
Chloroethane
Concen: 16.848 ug/l
RT: 3.016 min Scan# 175
Delta R.T. -0.006 min
Lab File: VN071000.D
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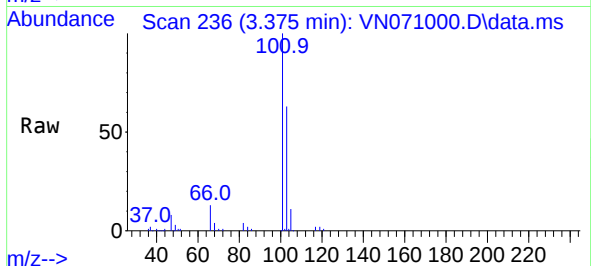
Tgt Ion: 64 Resp: 110317
Ion Ratio Lower Upper
64 100
66 30.9 26.3 39.5





#7
Trichlorofluoromethane
Concen: 17.449 ug/l
RT: 3.375 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071000.D
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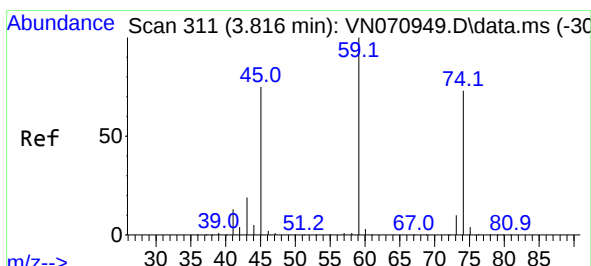
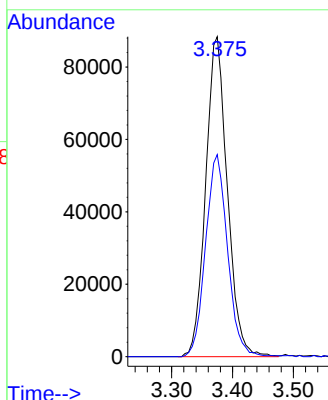
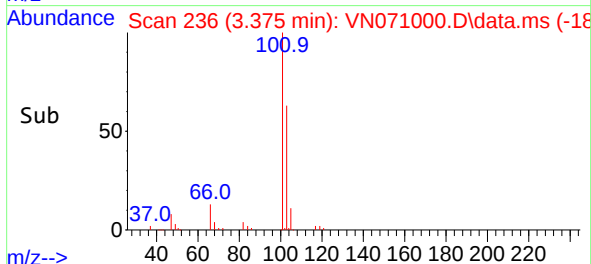
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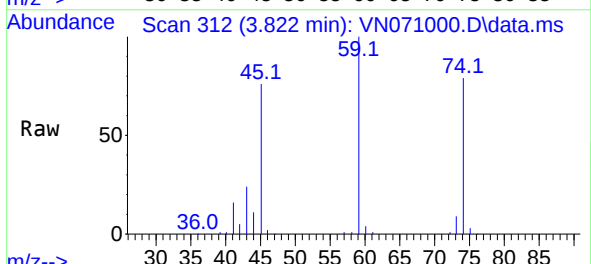
Tgt Ion:101 Resp: 21825
Ion Ratio Lower Upper
101 100
103 63.1 50.1 75.1

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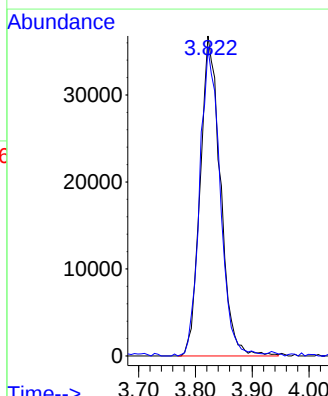
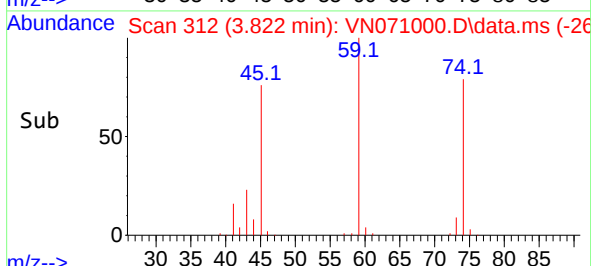
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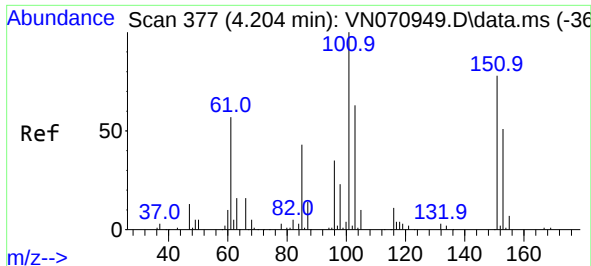


#8
Diethyl Ether
Concen: 16.655 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 90559
Ion Ratio Lower Upper
74 100
45 97.6 47.0 141.2





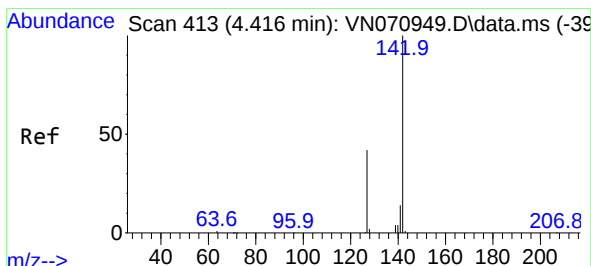
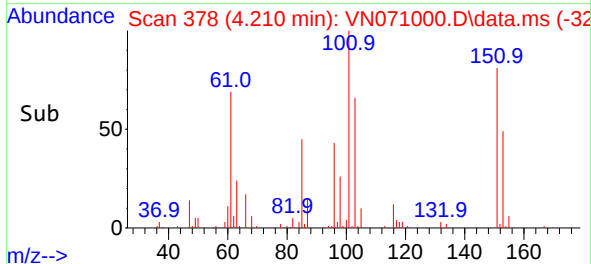
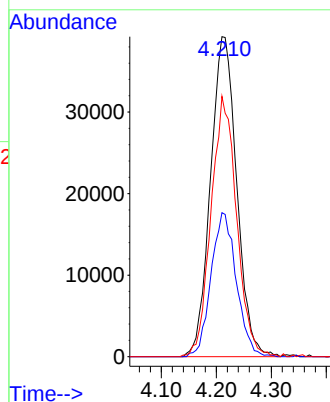
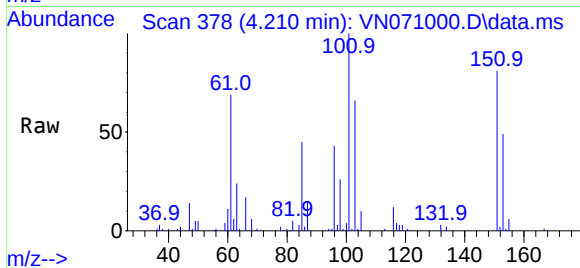
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.959 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01

Tgt Ion:101 Resp: 13014
Ion Ratio Lower Upper
101 100
85 43.3 37.2 55.8
151 79.1 65.9 98.9

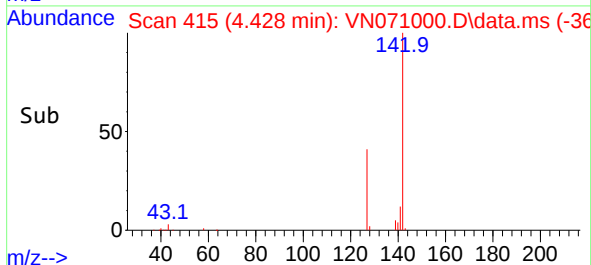
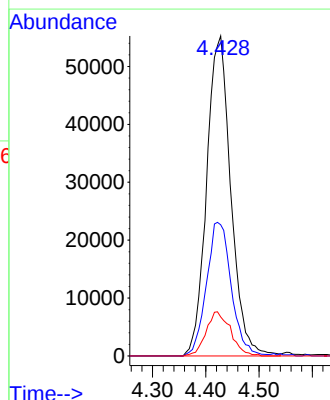
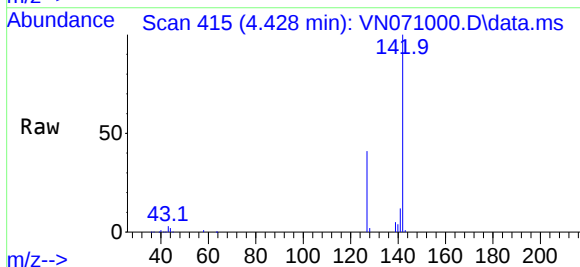
Manual Integrations
APPROVED

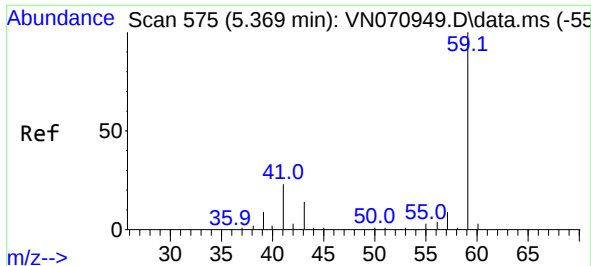
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#10
Methyl Iodide
Concen: 16.402 ug/l
RT: 4.428 min Scan# 415
Delta R.T. 0.012 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

Tgt Ion:142 Resp: 174326
Ion Ratio Lower Upper
142 100
127 42.9 35.4 53.0
141 14.0 11.6 17.4





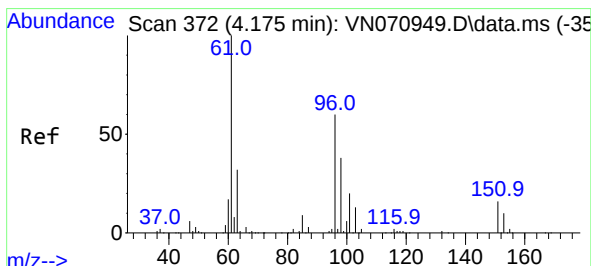
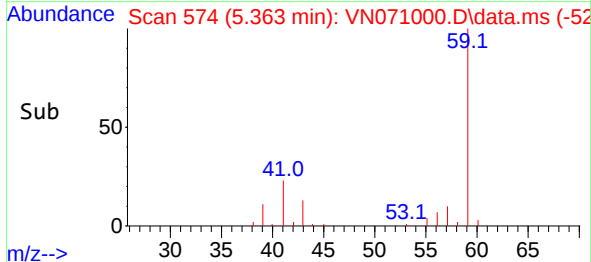
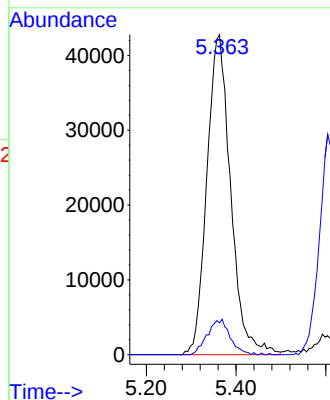
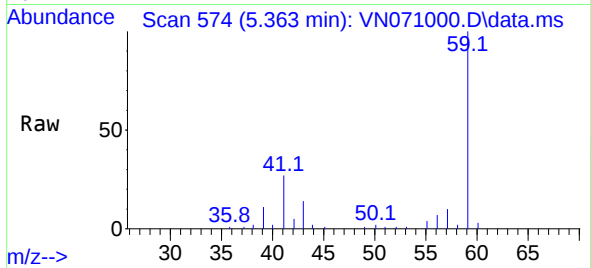
#11
Tert butyl alcohol
Concen: 98.897 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01

Tgt Ion: 59 Resp: 157230
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

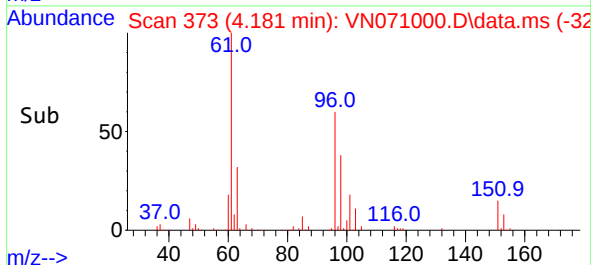
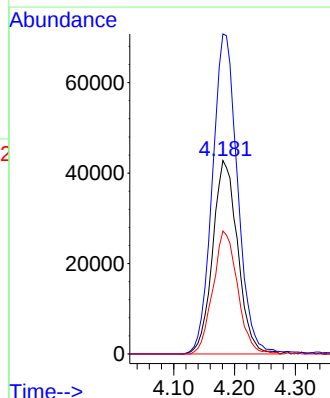
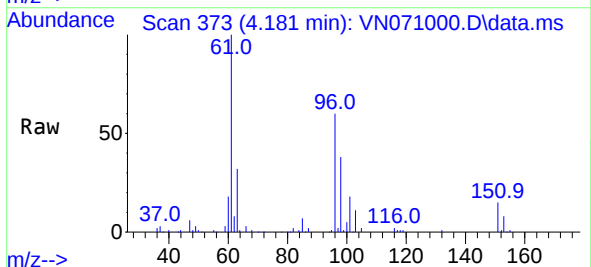
Manual Integrations
APPROVED

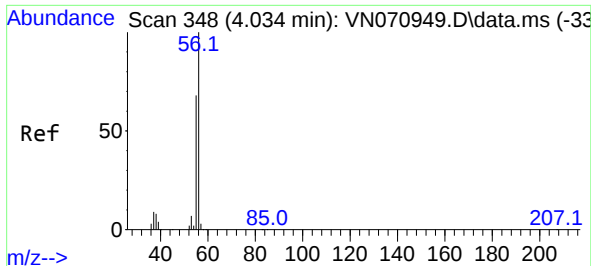
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#12
1,1-Dichloroethene
Concen: 16.312 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

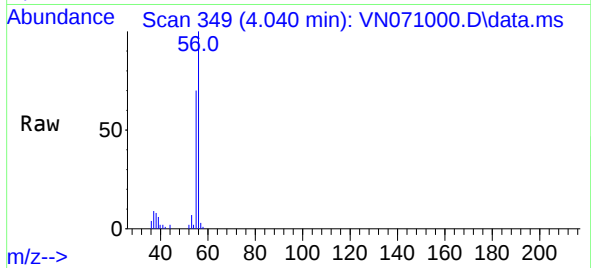
Tgt Ion: 96 Resp: 121960
Ion Ratio Lower Upper
96 100
61 165.4 131.0 196.6
98 63.5 52.4 78.6





#13
Acrolein
Concen: 69.826 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

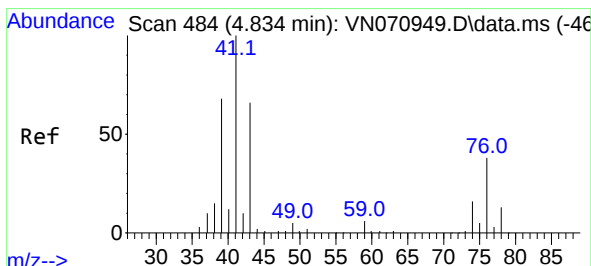
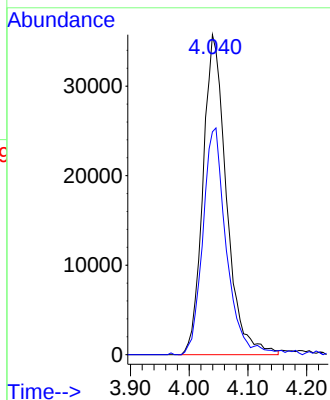
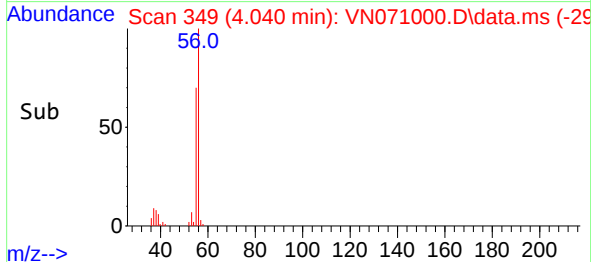
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01



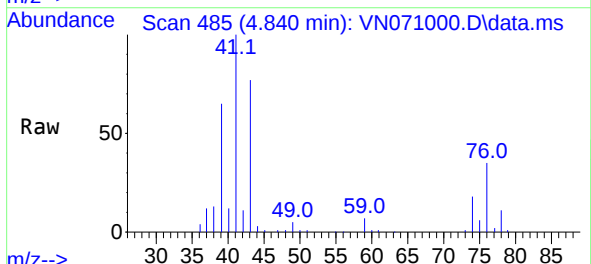
Tgt Ion: 56 Resp: 9920
Ion Ratio Lower Upper
56 100
55 71.0 56.6 85.0

Manual Integrations
APPROVED

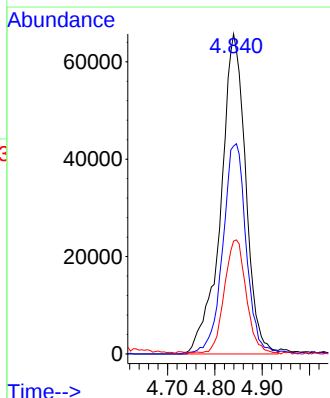
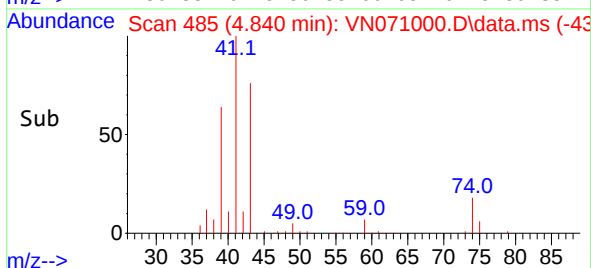
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

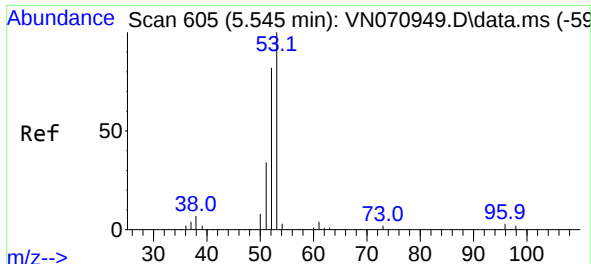


#14
Allyl chloride
Concen: 16.862 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27



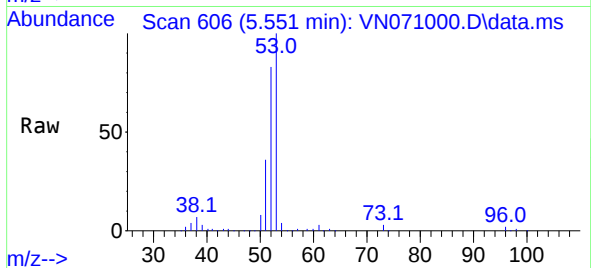
Tgt Ion: 41 Resp: 240440
Ion Ratio Lower Upper
41 100
39 62.0 61.2 91.8
76 31.6 26.0 39.0





#15
Acrylonitrile
Concen: 98.396 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

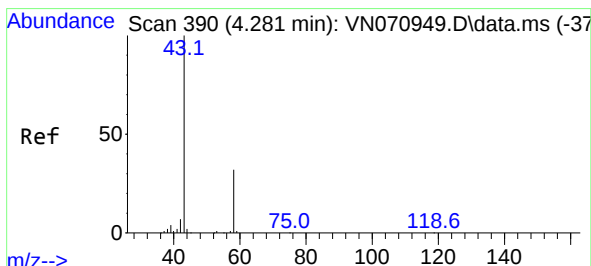
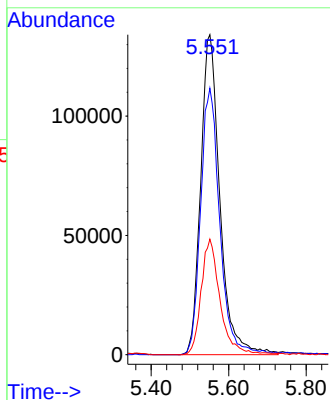
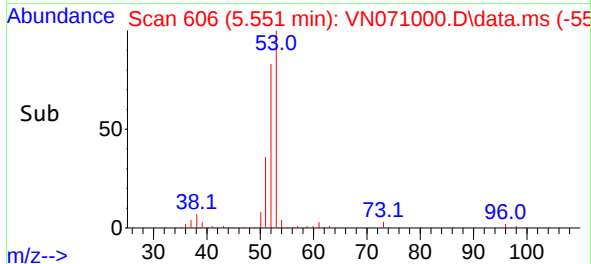
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01



Tgt Ion: 53 Resp: 460800
Ion Ratio Lower Upper
53 100
52 82.7 66.2 99.2
51 35.3 29.6 44.4

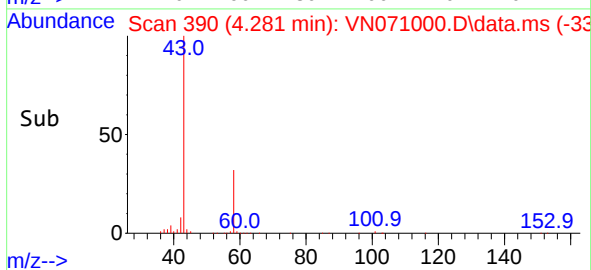
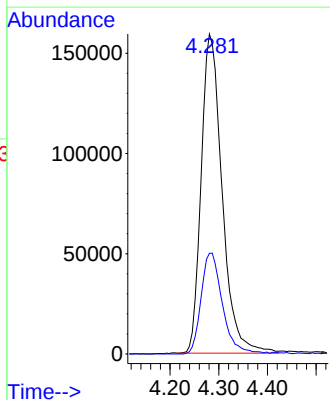
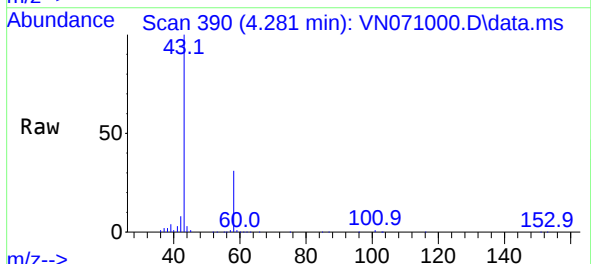
Manual Integrations
APPROVED

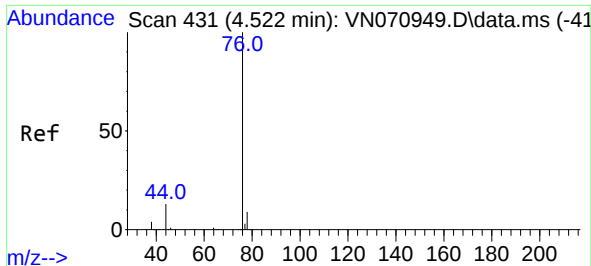
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#16
Acetone
Concen: 98.896 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

Tgt Ion: 43 Resp: 475148
Ion Ratio Lower Upper
43 100
58 31.5 23.1 34.7





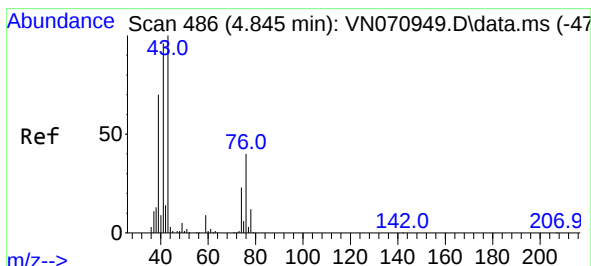
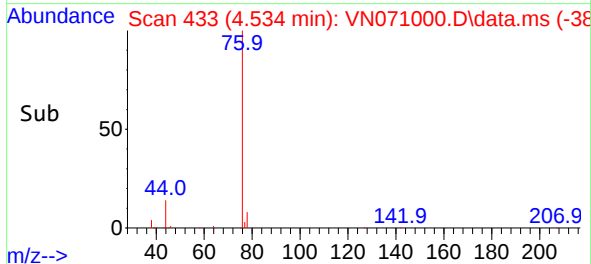
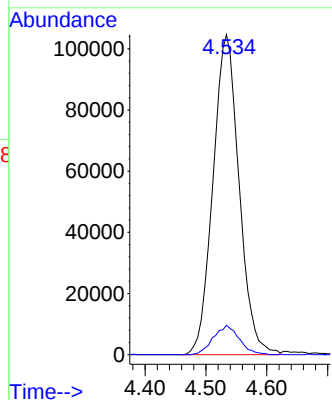
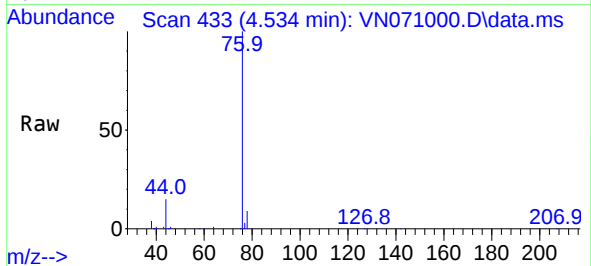
#17
Carbon Disulfide
Concen: 14.527 ug/l
RT: 4.534 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01

Tgt Ion: 76 Resp: 311472
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

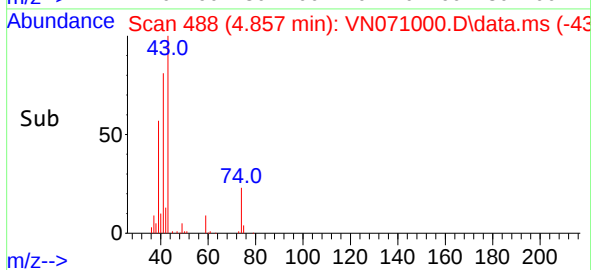
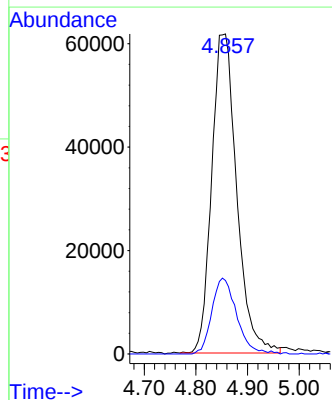
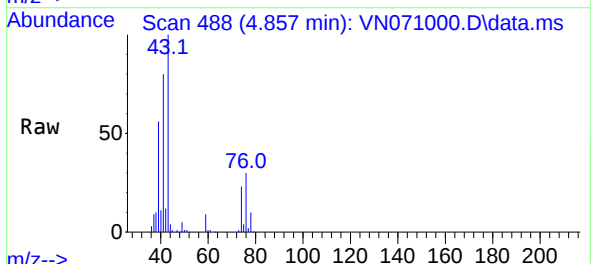
Manual Integrations
APPROVED

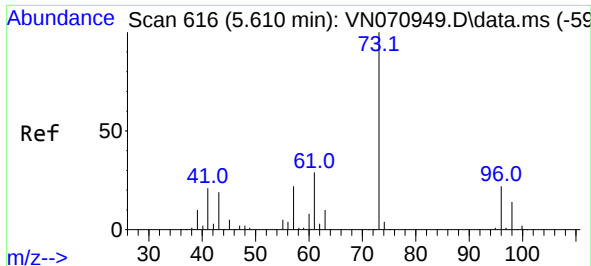
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#18
Methyl Acetate
Concen: 19.351 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.012 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

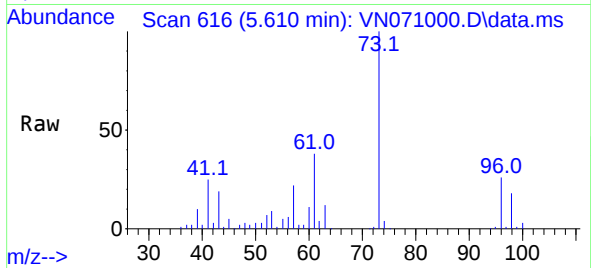
Tgt Ion: 43 Resp: 207456
Ion Ratio Lower Upper
43 100
74 23.3 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 17.656 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.000 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

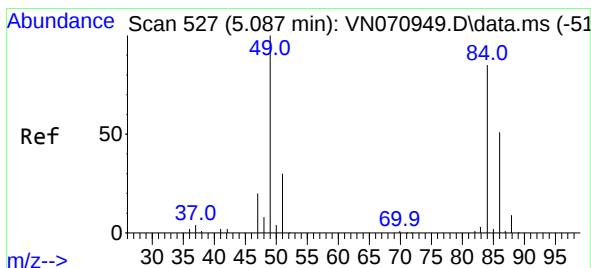
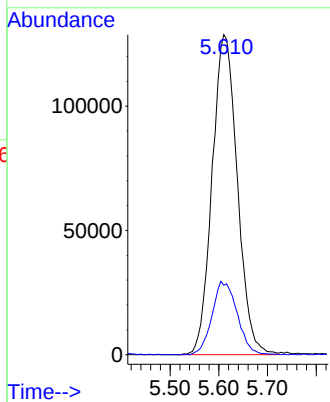
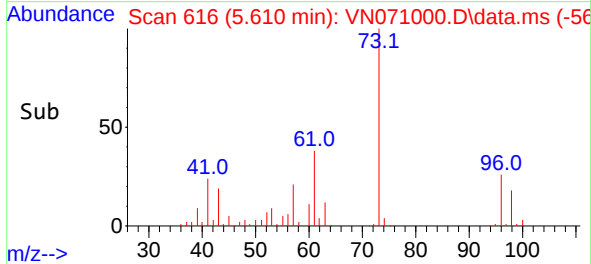
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01



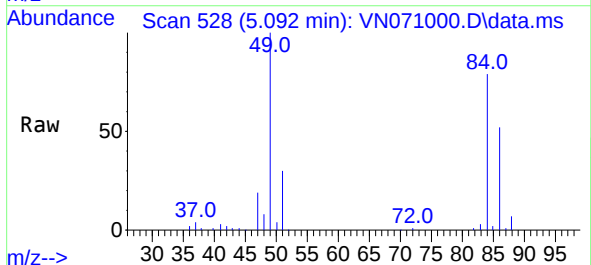
Tgt Ion: 73 Resp: 463060
Ion Ratio Lower Upper
73 100
57 21.7 16.8 25.2

Manual Integrations
APPROVED

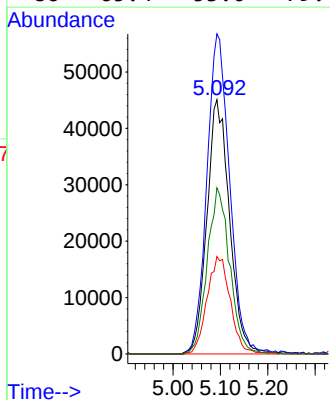
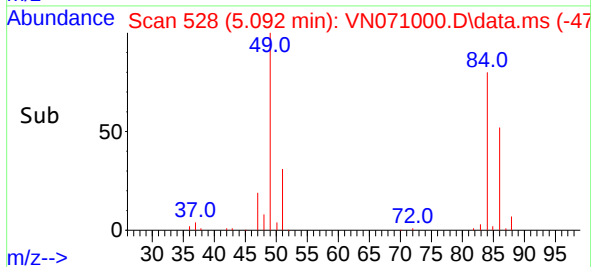
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

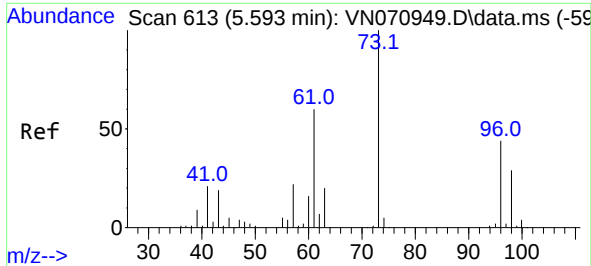


#20
Methylene Chloride
Concen: 17.189 ug/l
RT: 5.092 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27



Tgt Ion: 84 Resp: 150092
Ion Ratio Lower Upper
84 100
49 125.9 93.5 140.3
51 38.3 29.4 44.2
86 65.4 53.0 79.4





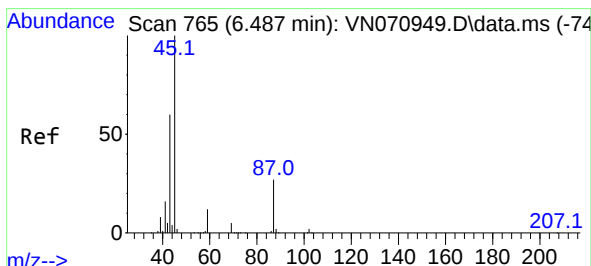
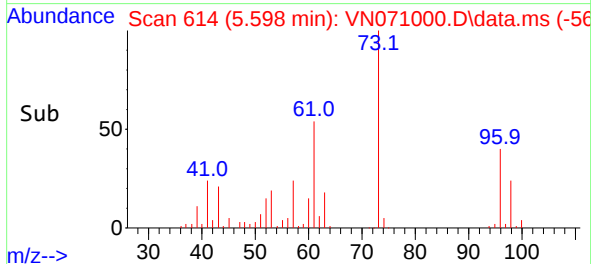
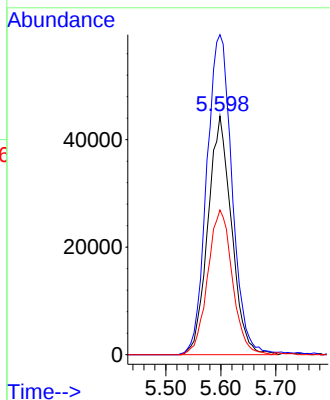
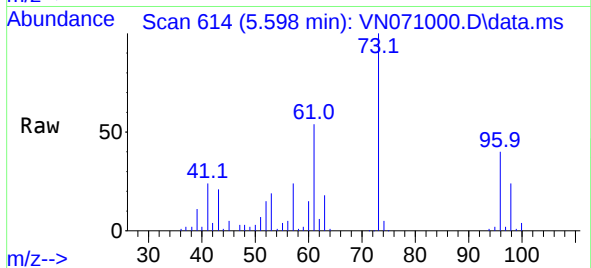
#21
trans-1,2-Dichloroethene
Concen: 16.538 ug/l
RT: 5.598 min Scan# 613
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01

Tgt Ion: 96 Resp: 132710
Ion Ratio Lower Upper
96 100
61 134.1 105.8 158.6
98 60.6 52.0 78.0

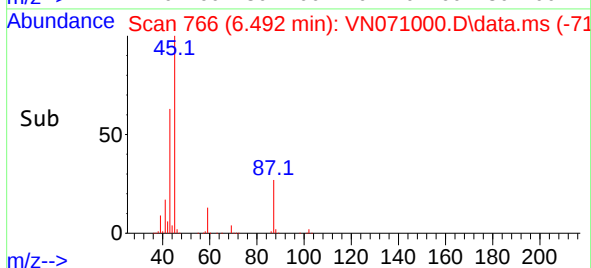
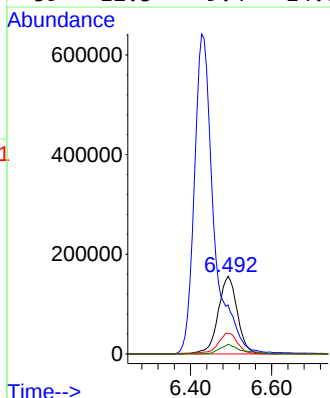
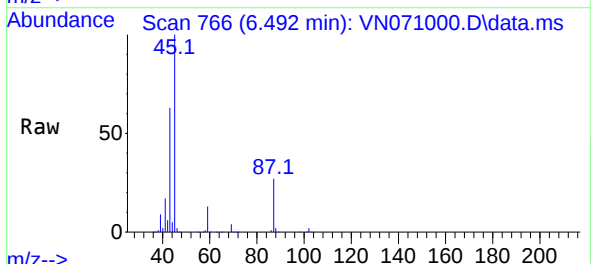
Manual Integrations
APPROVED

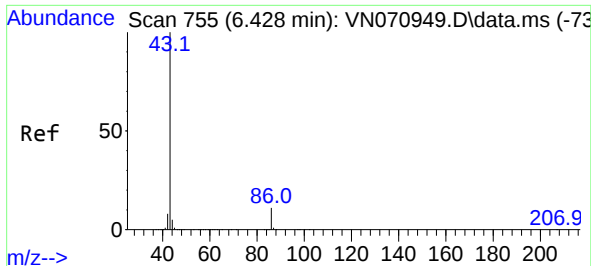
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#22
Diisopropyl ether
Concen: 18.774 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

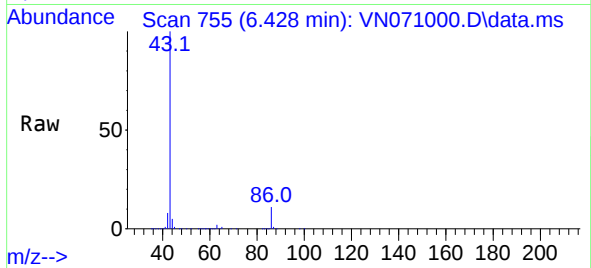
Tgt Ion: 45 Resp: 513443
Ion Ratio Lower Upper
45 100
43 61.6 51.7 77.5
87 26.4 23.2 34.8
59 12.3 9.4 14.0





#23
 Vinyl Acetate
 Concen: 93.066 ug/l
 RT: 6.428 min Scan# 710
 Delta R.T. -0.000 min
 Lab File: VN071000.D
 Acq: 18 Feb 2022 14:27

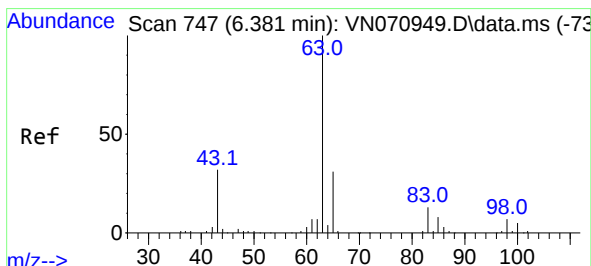
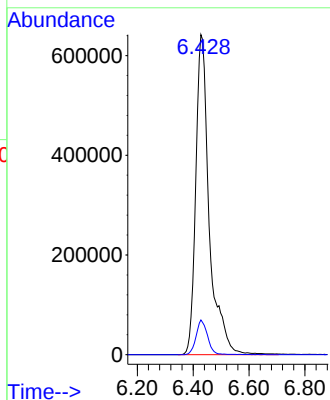
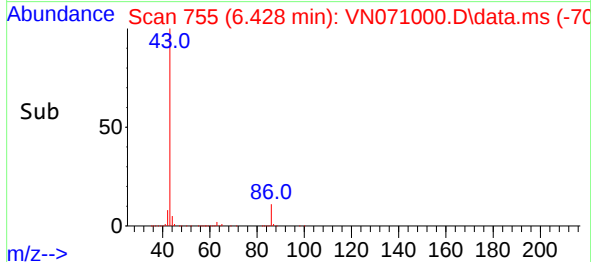
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0218WBS01



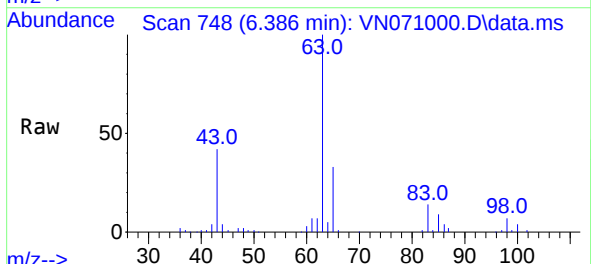
Tgt Ion: 43 Resp: 215455
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.5 12.7

Manual Integrations
 APPROVED

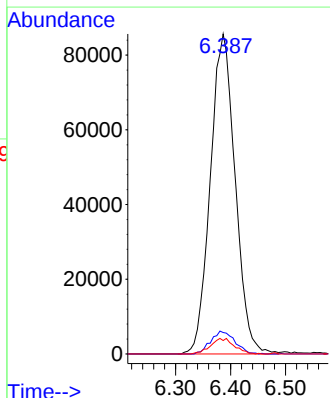
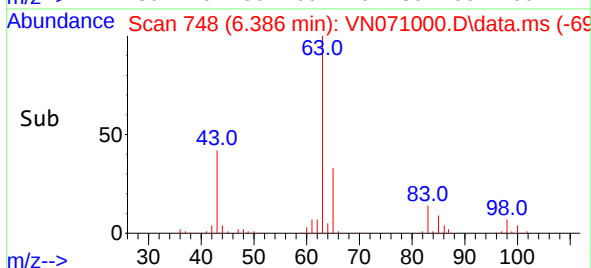
Reviewed By :John Carlone 02/22/2022
 Supervised By :Mahesh Dadoda 02/22/2022

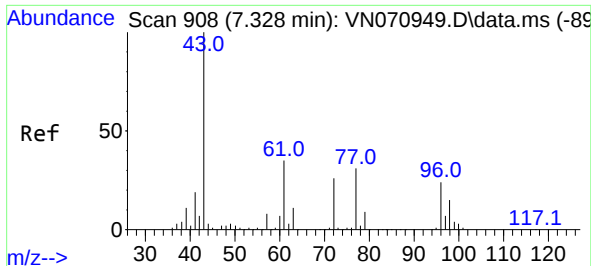


#24
 1,1-Dichloroethane
 Concen: 17.577 ug/l
 RT: 6.386 min Scan# 748
 Delta R.T. 0.006 min
 Lab File: VN071000.D
 Acq: 18 Feb 2022 14:27



Tgt Ion: 63 Resp: 269477
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 4.2 2.1 6.5





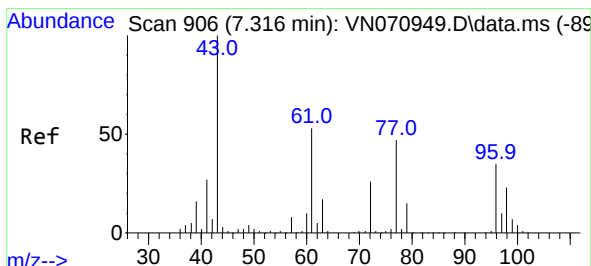
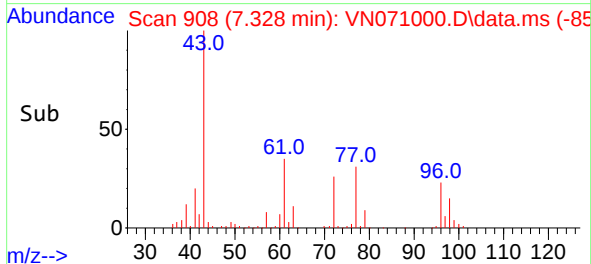
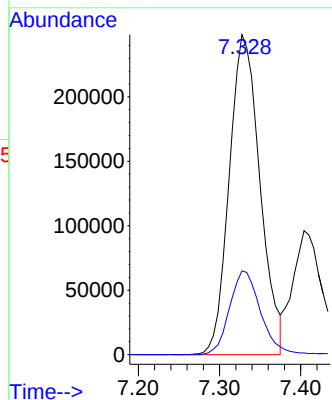
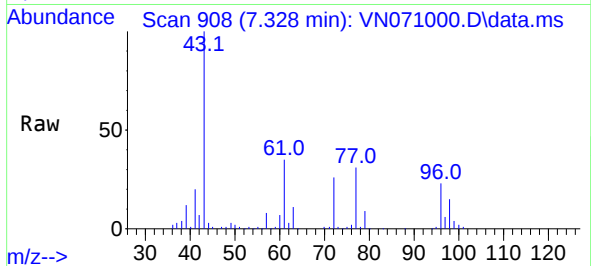
#25
2-Butanone
Concen: 102.179 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01

Tgt Ion: 43 Resp: 653062
Ion Ratio Lower Upper
43 100
72 26.2 21.7 32.5

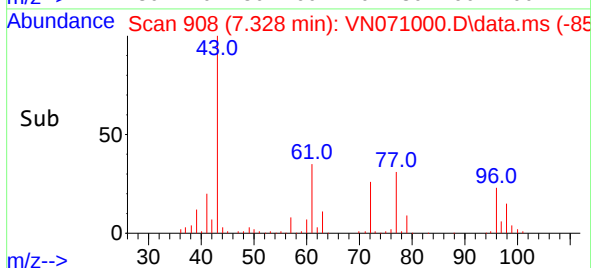
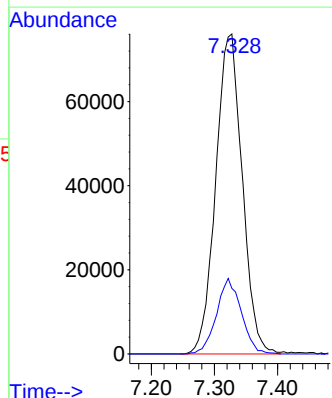
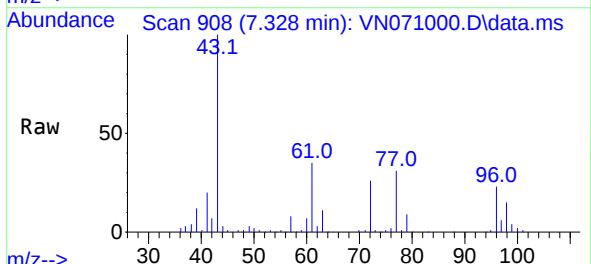
Manual Integrations
APPROVED

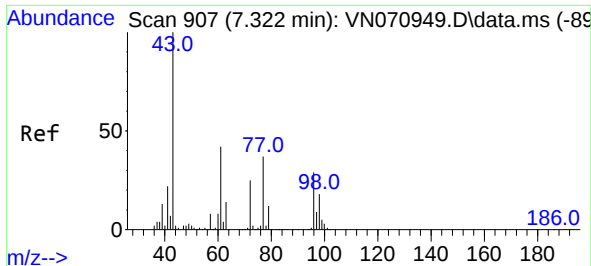
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#26
2,2-Dichloropropane
Concen: 17.384 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.012 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

Tgt Ion: 77 Resp: 221497
Ion Ratio Lower Upper
77 100
97 22.1 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 17.215 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN071000.D

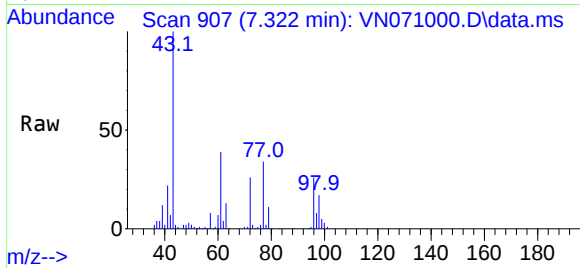
Acq: 18 Feb 2022 14:27

Instrument :

MSVOA_N

ClientSampleId :

VN0218WBS01



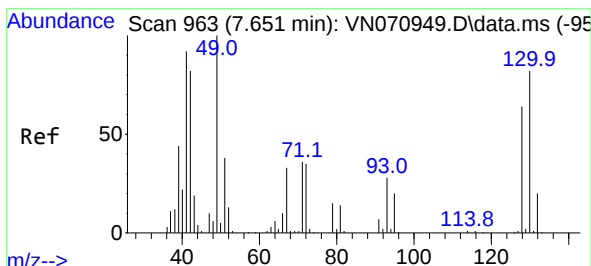
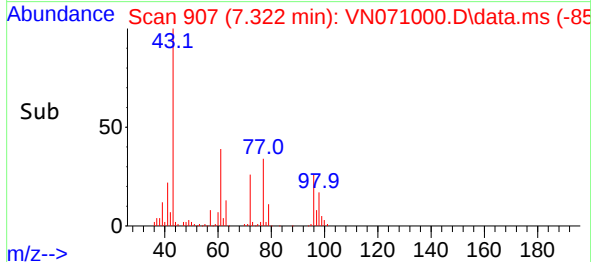
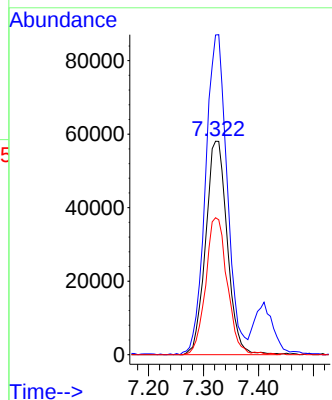
Tgt Ion:	96	Resp:	158779
Ion	Ratio	Lower	Upper
96	100		
61	150.4	0.0	275.0
98	63.4	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#28

Bromochloromethane

Concen: 19.339 ug/l

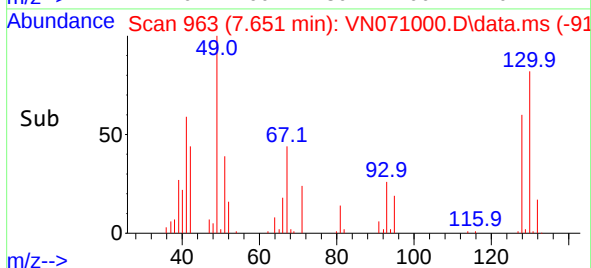
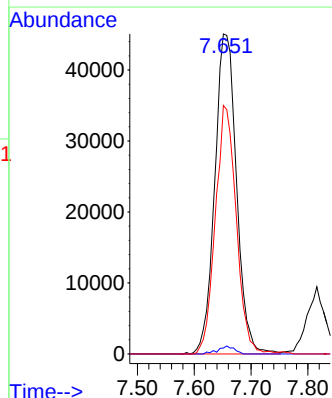
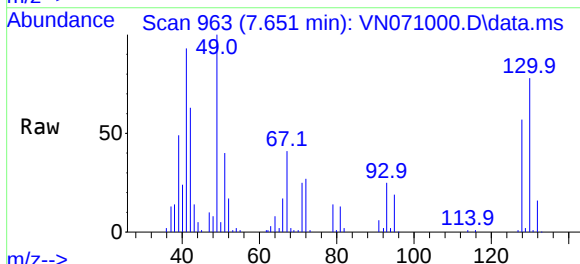
RT: 7.651 min Scan# 963

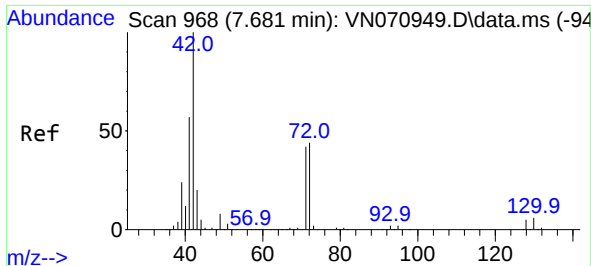
Delta R.T. -0.000 min

Lab File: VN071000.D

Acq: 18 Feb 2022 14:27

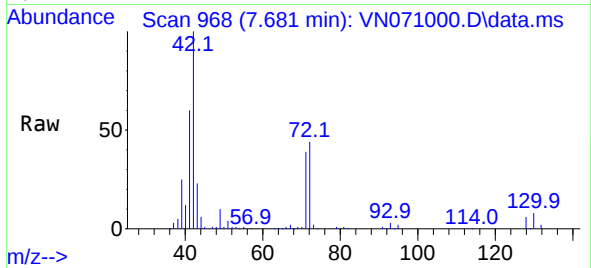
Tgt Ion:	49	Resp:	120003
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	74.6	67.8	101.8





#29
Tetrahydrofuran
Concen: 101.632 ug/l
RT: 7.681 min Scan# 901
Delta R.T. -0.000 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

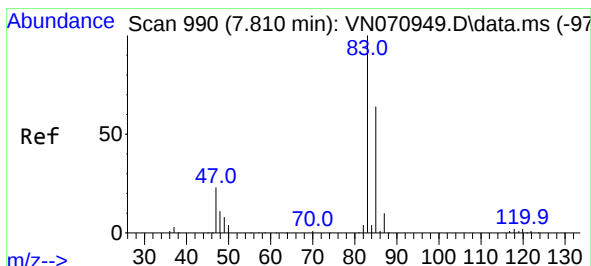
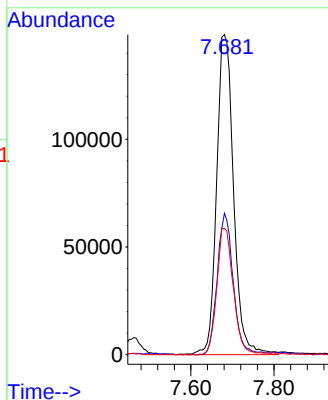
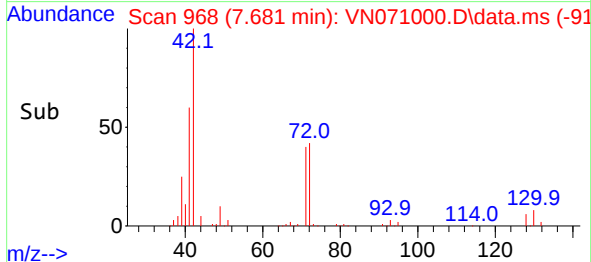
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01



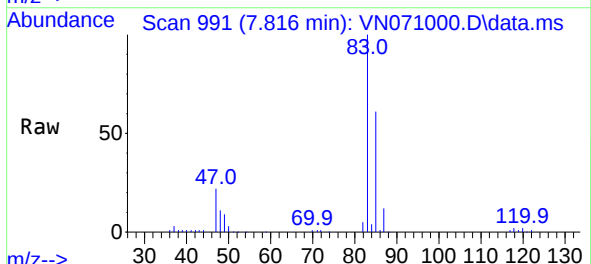
Tgt Ion: 42 Resp: 42080
Ion Ratio Lower Upper
42 100
72 41.9 36.3 54.5
71 38.6 34.7 52.1

Manual Integrations
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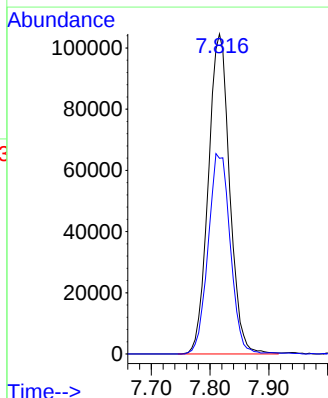
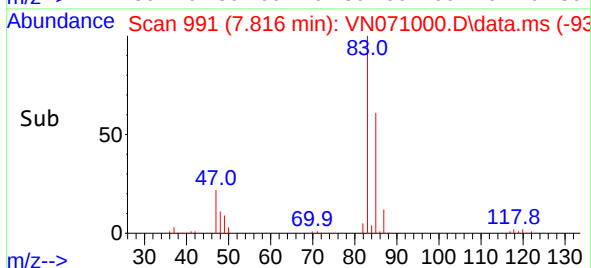
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

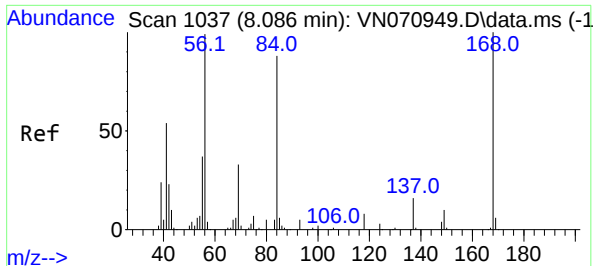


#30
Chloroform
Concen: 17.480 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27



Tgt Ion: 83 Resp: 263574
Ion Ratio Lower Upper
83 100
85 61.2 51.9 77.9





#31

Cyclohexane

Concen: 17.368 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VN071000.D

Acq: 18 Feb 2022 14:27

Instrument :

MSVOA_N

ClientSampleId :

VN0218WBS01

Tgt Ion: 56 Resp: 26204

Ion Ratio Lower Upper

56 100

69 34.8 27.1 40.7

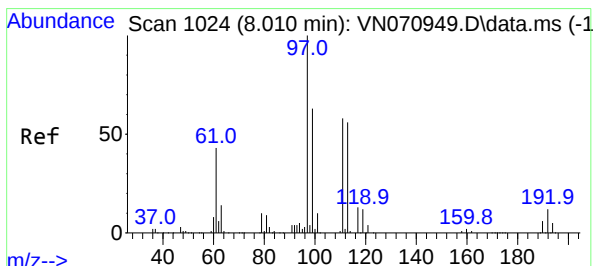
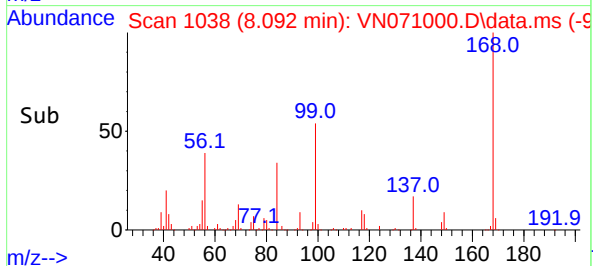
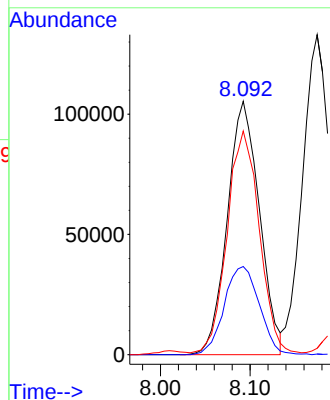
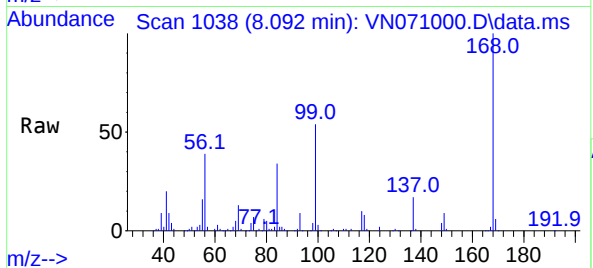
84 87.1 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#32

1,1,1-Trichloroethane

Concen: 17.232 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN071000.D

Acq: 18 Feb 2022 14:27

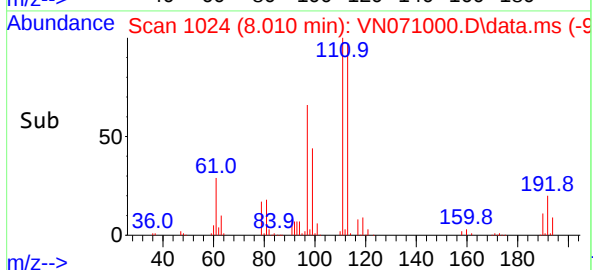
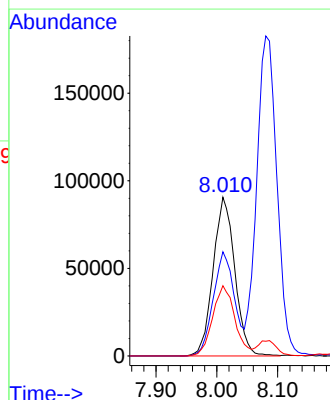
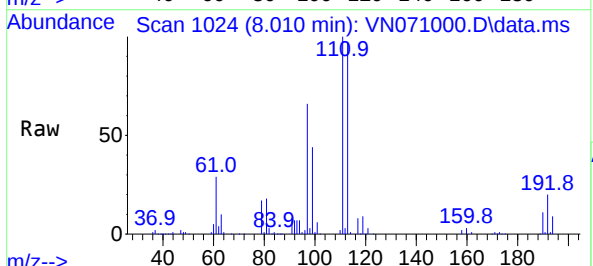
Tgt Ion: 97 Resp: 224386

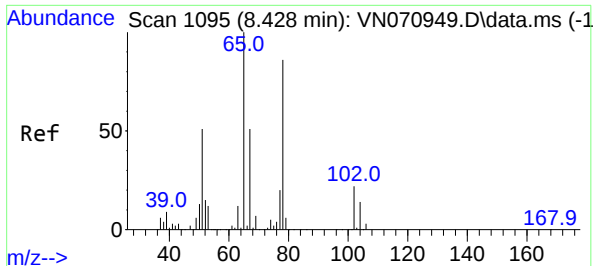
Ion Ratio Lower Upper

97 100

99 65.0 50.1 75.1

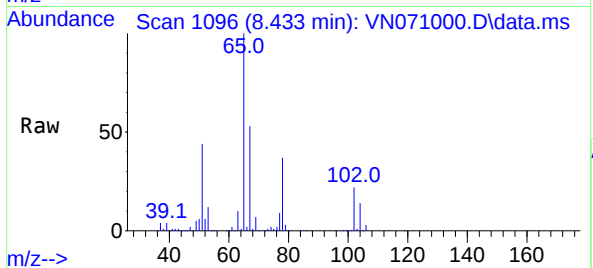
61 45.3 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 53.173 ug/l
RT: 8.433 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

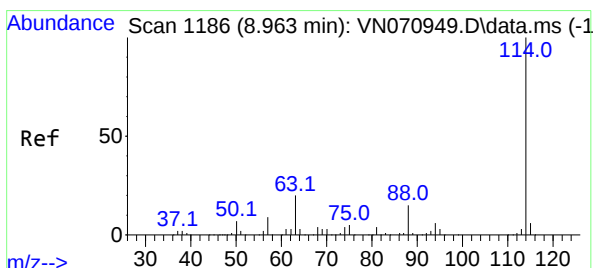
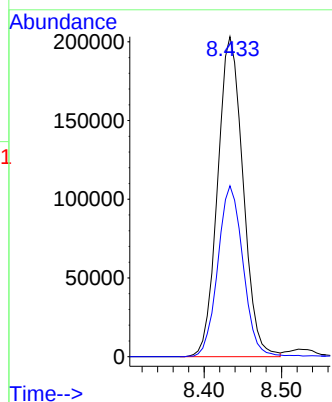
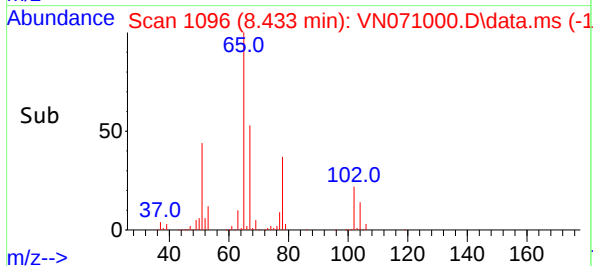
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01



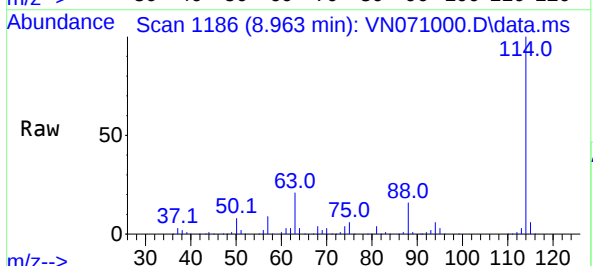
Tgt Ion: 65 Resp: 46388
Ion Ratio Lower Upper
65 100
67 53.2 0.0 103.0

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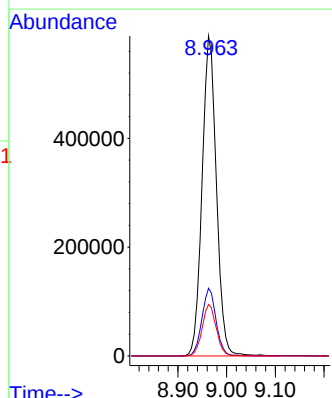
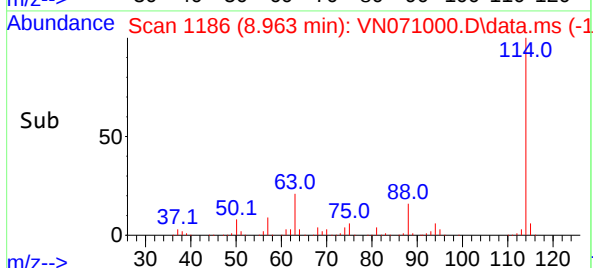
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

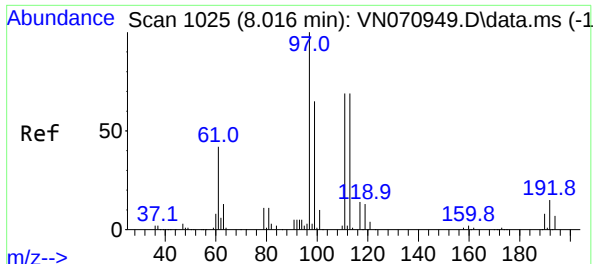


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27



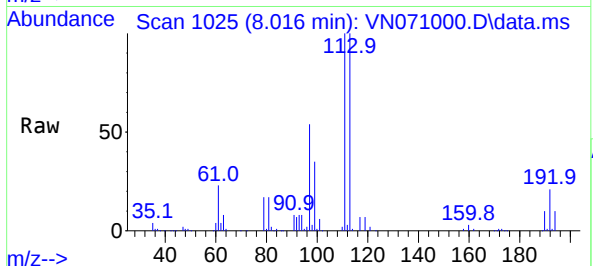
Tgt Ion:114 Resp: 1200796
Ion Ratio Lower Upper
114 100
63 21.2 0.0 37.8
88 16.1 0.0 27.4





#35
Dibromofluoromethane
Concen: 52.490 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

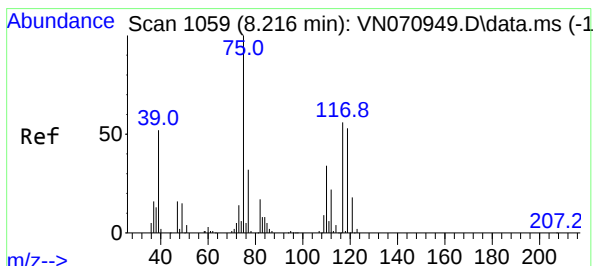
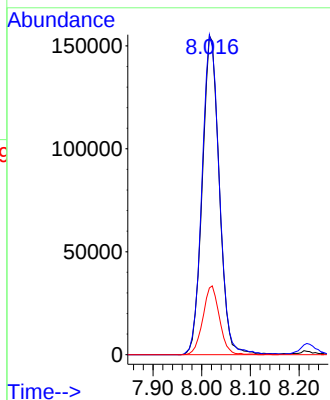
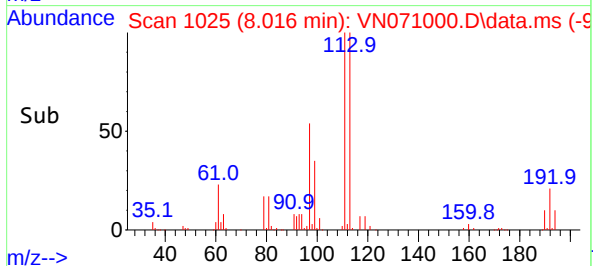
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01



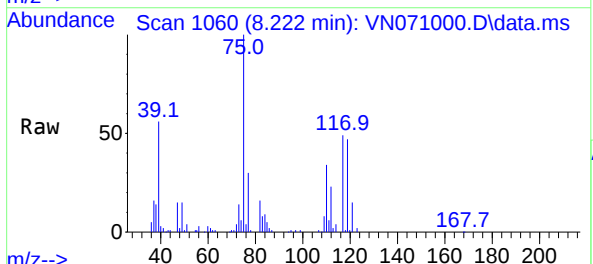
Tgt Ion:113 Resp: 374899
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.2
192 21.0 16.9 25.3

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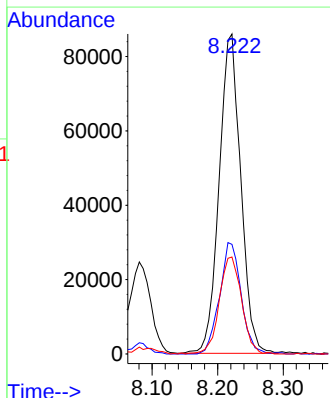
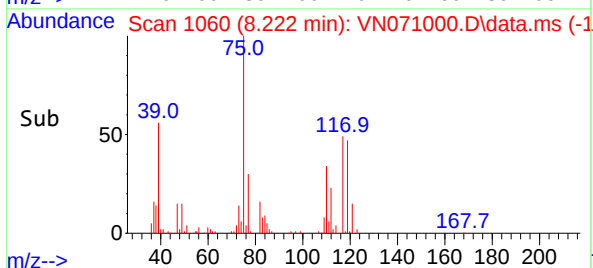
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

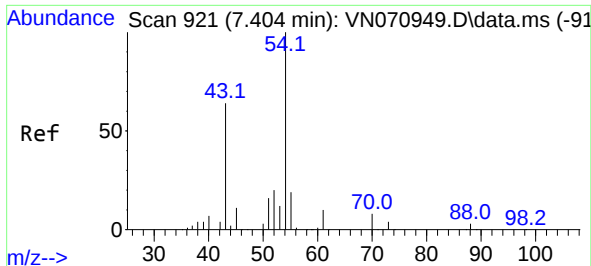


#36
1,1-Dichloropropene
Concen: 16.768 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27



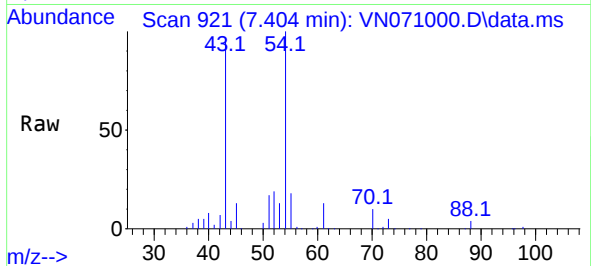
Tgt Ion: 75 Resp: 196209
Ion Ratio Lower Upper
75 100
110 34.7 18.4 55.2
77 31.4 24.4 36.6





#37
Ethyl Acetate
Concen: 20.296 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

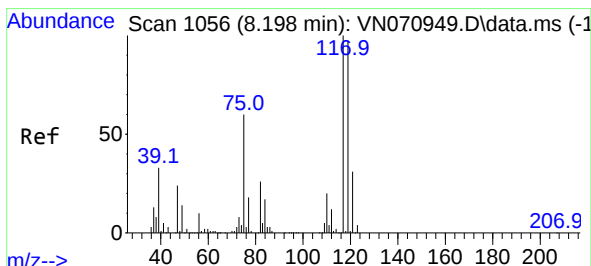
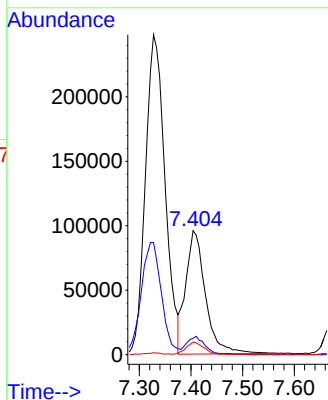
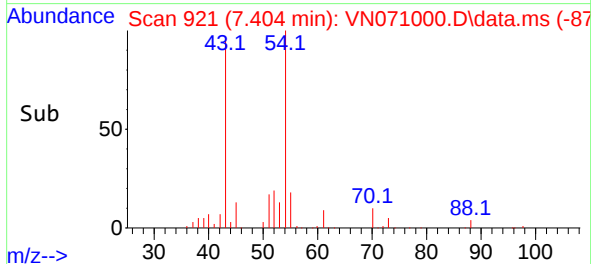
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01



Tgt Ion: 43 Resp: 25470
Ion Ratio Lower Upper
43 100
61 13.7 11.5 17.3
70 9.6 7.9 11.9

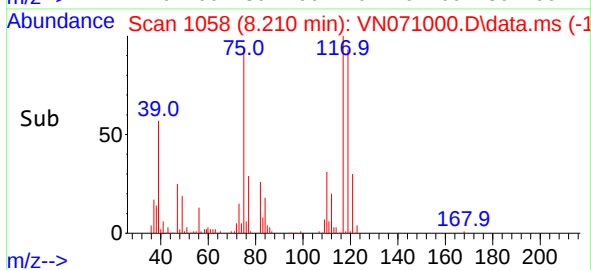
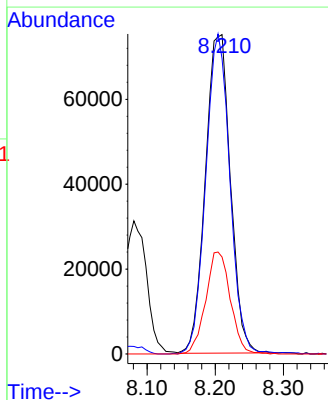
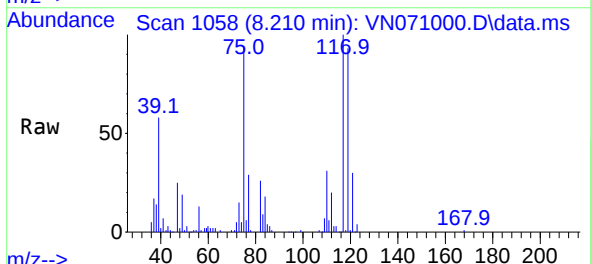
Manual Integrations
APPROVED

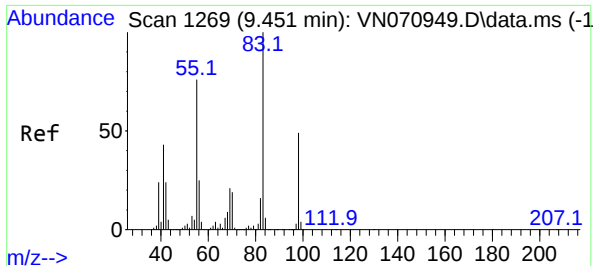
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#38
Carbon Tetrachloride
Concen: 16.661 ug/l
RT: 8.210 min Scan# 1058
Delta R.T. 0.012 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

Tgt Ion:117 Resp: 192091
Ion Ratio Lower Upper
117 100
119 92.9 76.1 114.1
121 30.5 24.2 36.2





#39

Methylcyclohexane

Concen: 16.215 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN071000.D

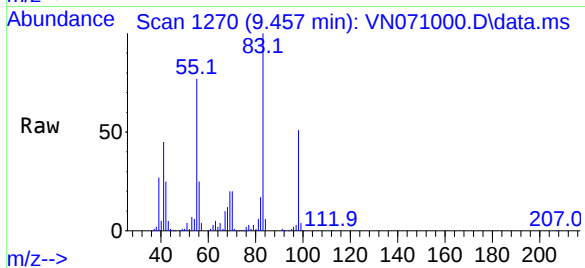
Acq: 18 Feb 2022 14:27

Instrument :

MSVOA_N

ClientSampleId :

VN0218WBS01



Tgt Ion: 83 Resp: 244149

Ion Ratio Lower Upper

83 100

55 77.3 58.1 87.1

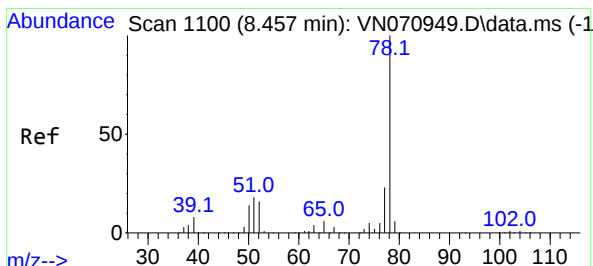
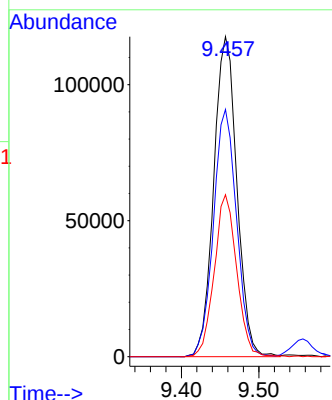
98 50.6 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#40

Benzene

Concen: 17.558 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN071000.D

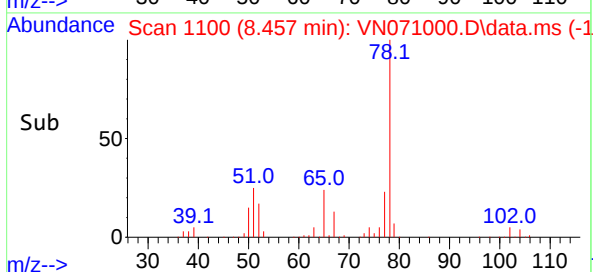
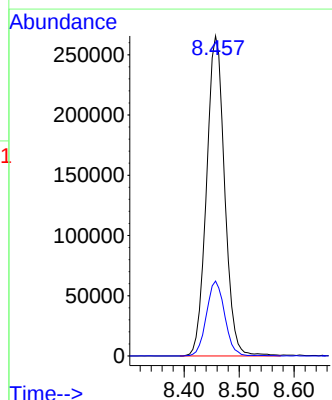
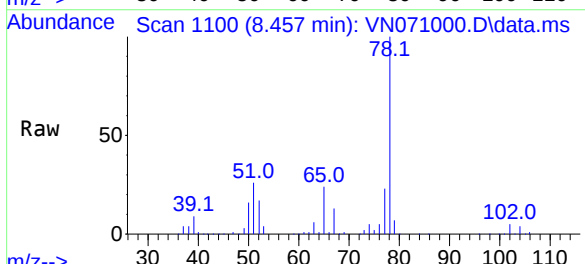
Acq: 18 Feb 2022 14:27

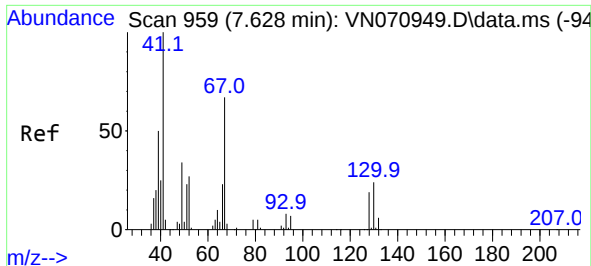
Tgt Ion: 78 Resp: 607746

Ion Ratio Lower Upper

78 100

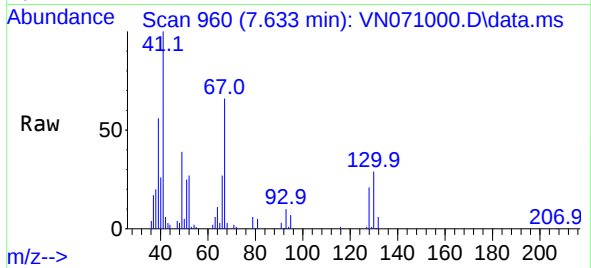
77 23.4 18.6 27.8





#41
Methacrylonitrile
Concen: 19.170 ug/l
RT: 7.633 min Scan# 910
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

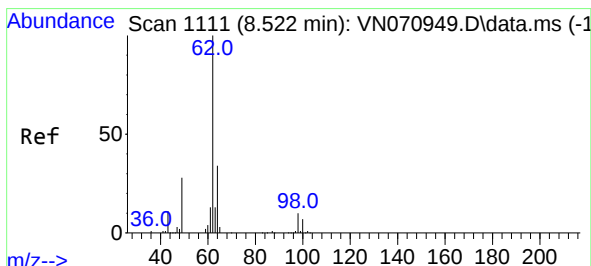
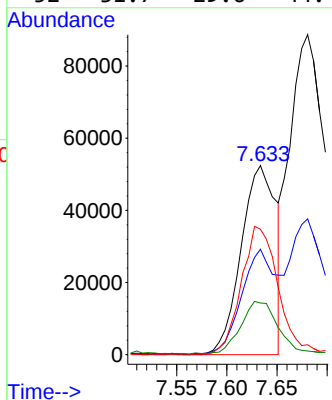
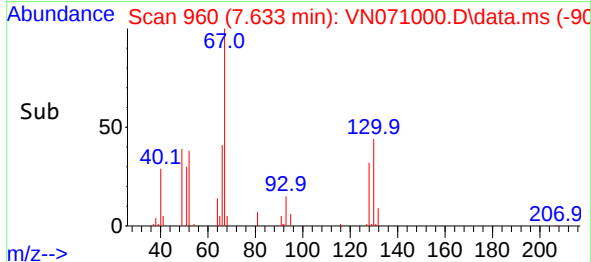
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01



Tgt Ion: 41 Resp: 126702
Ion Ratio Lower Upper
41 100
39 59.9 48.1 72.1
67 73.3 68.3 102.5
52 31.7 29.6 44.4

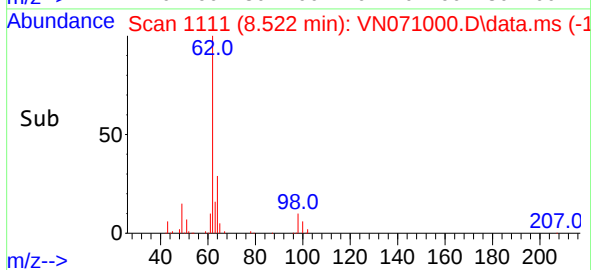
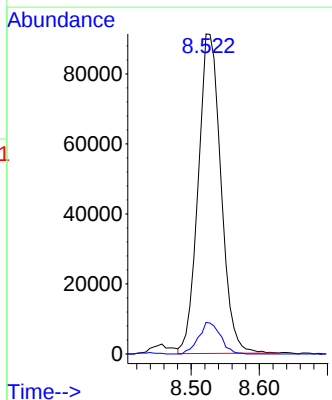
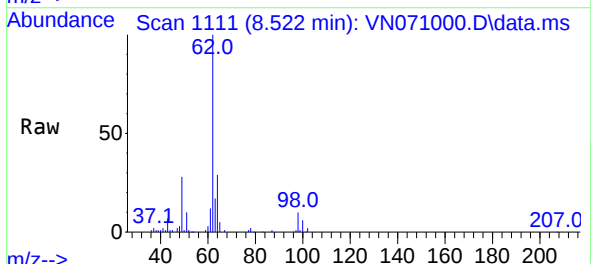
Manual Integrations
APPROVED

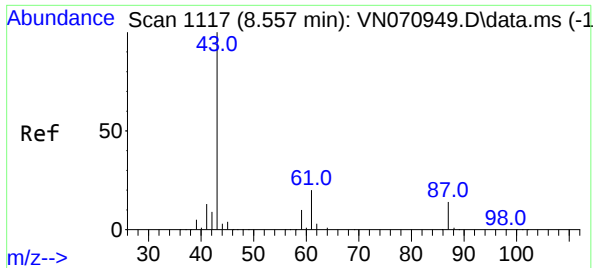
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#42
1,2-Dichloroethane
Concen: 17.932 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

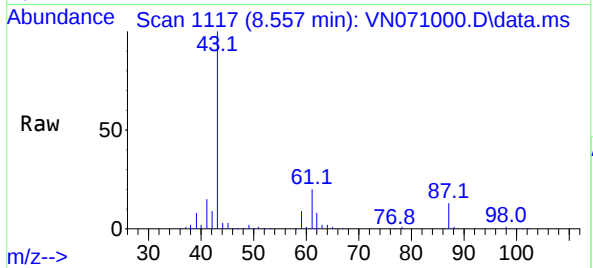
Tgt Ion: 62 Resp: 211390
Ion Ratio Lower Upper
62 100
98 9.5 0.0 17.6





#43
Isopropyl Acetate
Concen: 18.884 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

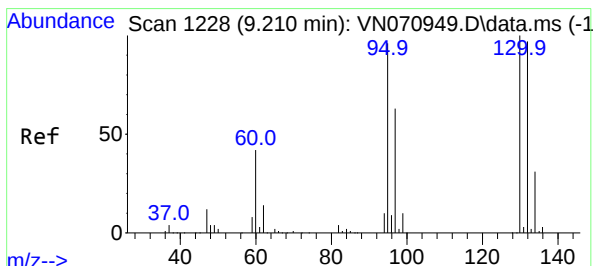
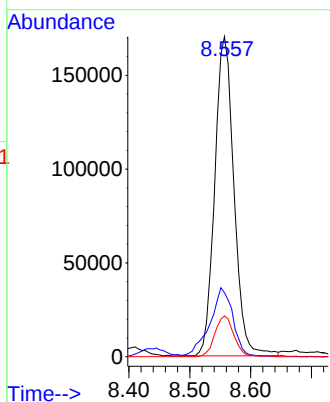
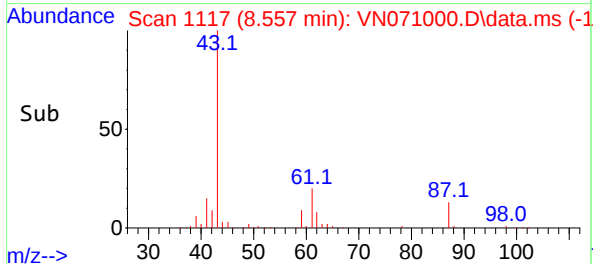
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01



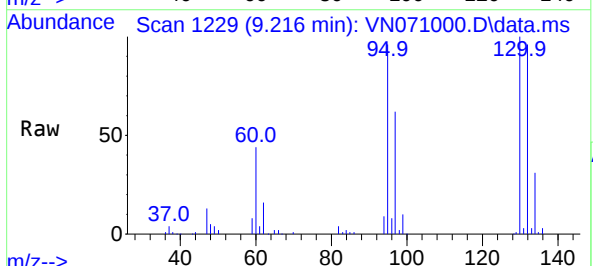
Tgt Ion: 43 Resp: 37355
Ion Ratio Lower Upper
43 100
61 25.5 20.4 30.6
87 12.6 11.2 16.8

Manual Integrations
APPROVED

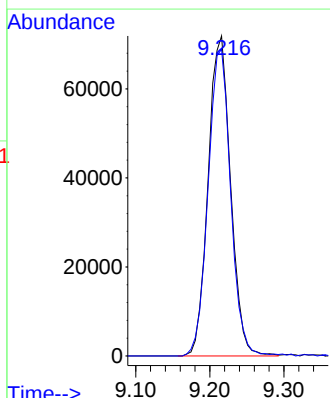
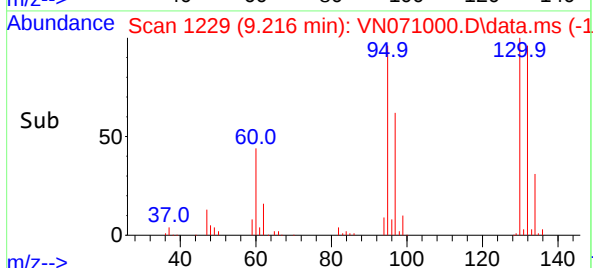
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

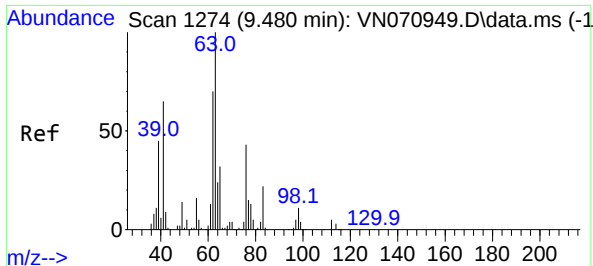


#44
Trichloroethene
Concen: 16.599 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27



Tgt Ion:130 Resp: 151289
Ion Ratio Lower Upper
130 100
95 95.9 0.0 191.2





#45

1,2-Dichloropropane

Concen: 17.640 ug/l

RT: 9.486 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VN071000.D

Acq: 18 Feb 2022 14:27

Instrument :

MSVOA_N

ClientSampleId :

VN0218WBS01

Tgt Ion: 63 Resp: 15640

Ion Ratio Lower Upper

63 100

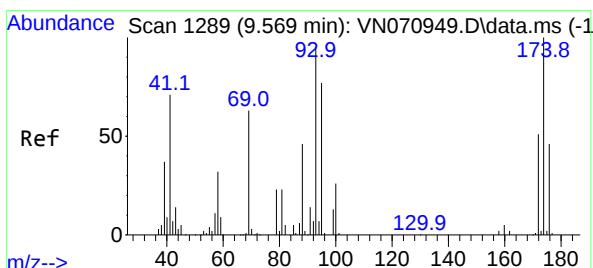
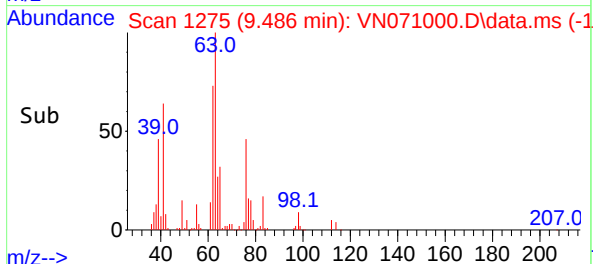
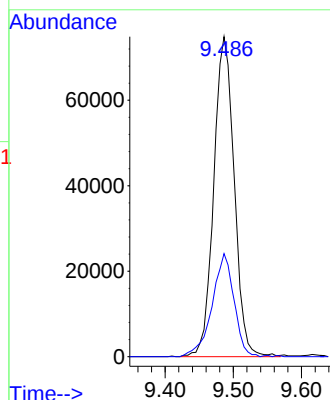
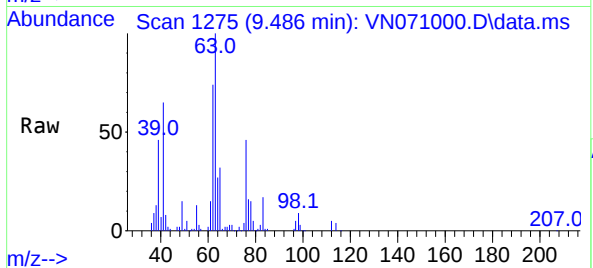
65 32.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#46

Dibromomethane

Concen: 17.202 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.006 min

Lab File: VN071000.D

Acq: 18 Feb 2022 14:27

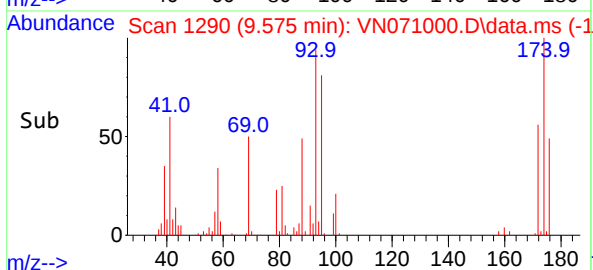
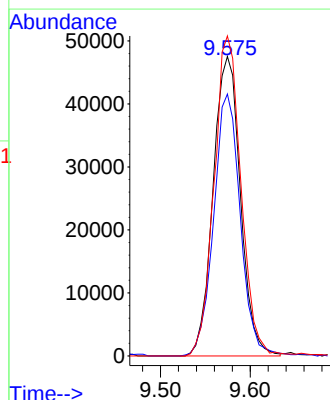
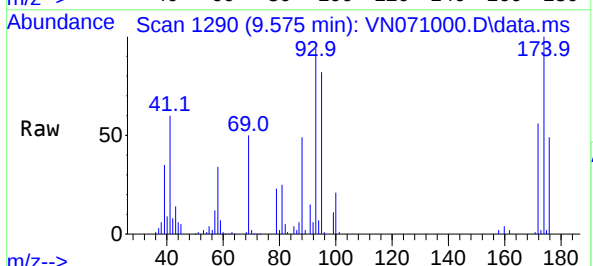
Tgt Ion: 93 Resp: 100372

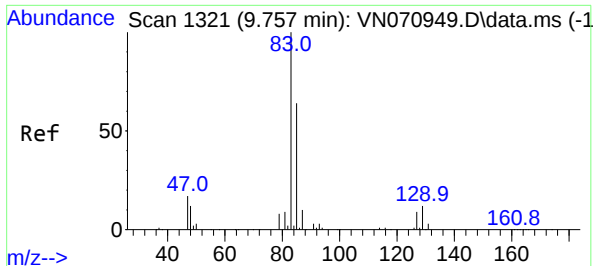
Ion Ratio Lower Upper

93 100

95 85.3 65.9 98.9

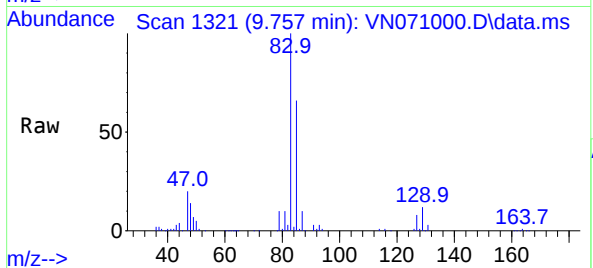
174 105.5 84.6 127.0





#47
Bromodichloromethane
Concen: 16.923 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

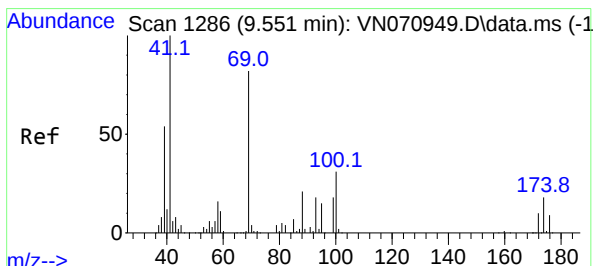
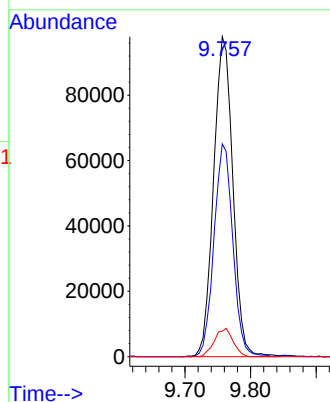
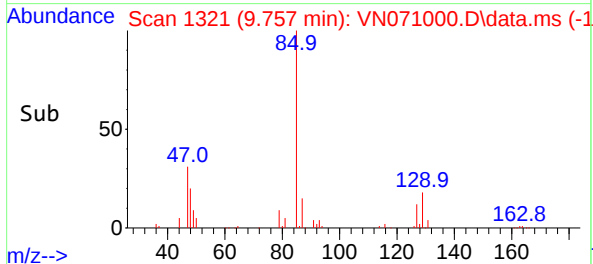
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01



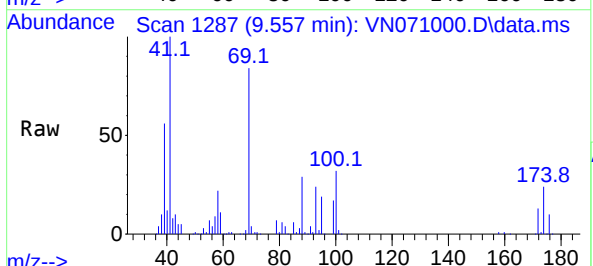
Tgt Ion: 83 Resp: 19956
Ion Ratio Lower Upper
83 100
85 66.5 50.9 76.3
127 8.0 7.1 10.7

Manual Integrations
APPROVED

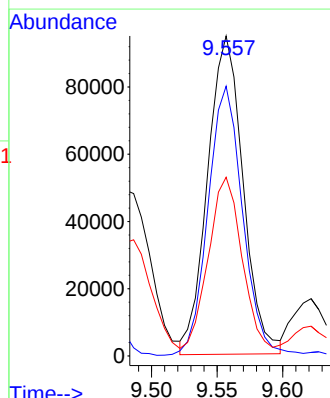
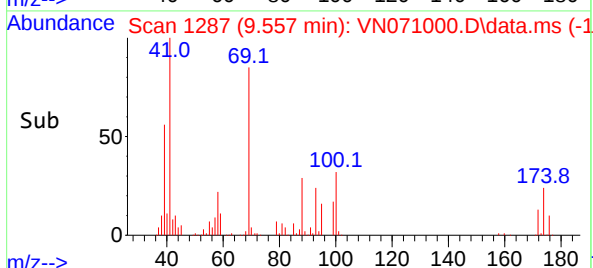
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

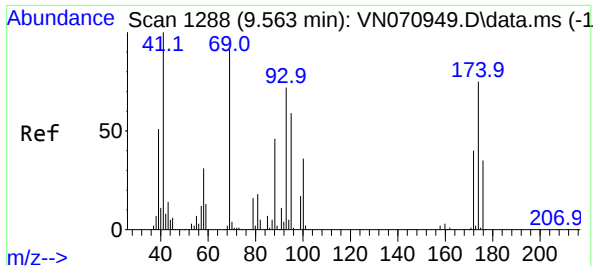


#48
Methyl methacrylate
Concen: 19.041 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27



Tgt Ion: 41 Resp: 178282
Ion Ratio Lower Upper
41 100
69 82.4 72.4 108.6
39 54.6 58.4 87.6#





#49

1,4-Dioxane

Concen: 427.411 ug/l

RT: 9.563 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN071000.D

Acq: 18 Feb 2022 14:27

Instrument :

MSVOA_N

ClientSampleId :

VN0218WBS01

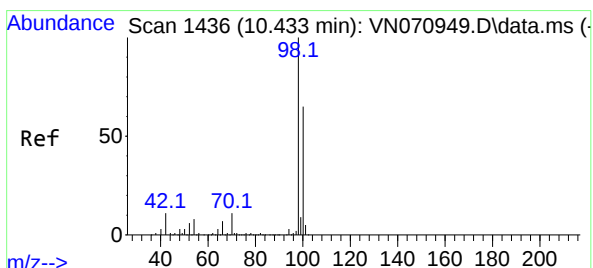
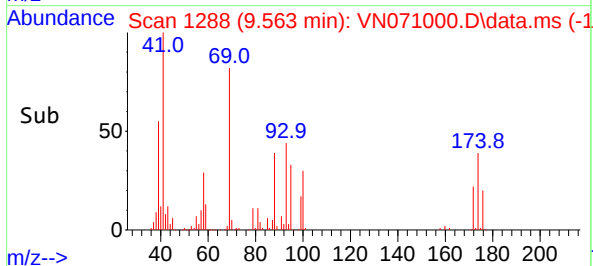
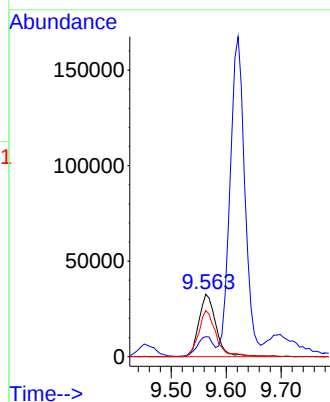
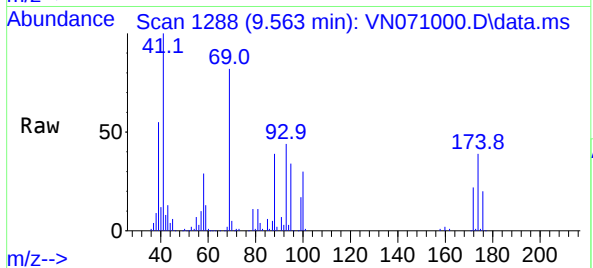
Tgt Ion:	88	Resp:	7107
Ion Ratio	Lower	Upper	
88	100		
43	29.1	23.4	35.2
58	74.9	50.6	75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#50

Toluene-d8

Concen: 51.768 ug/l

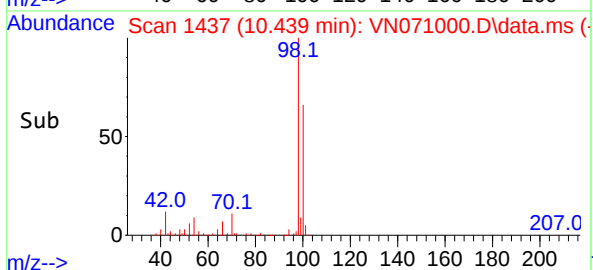
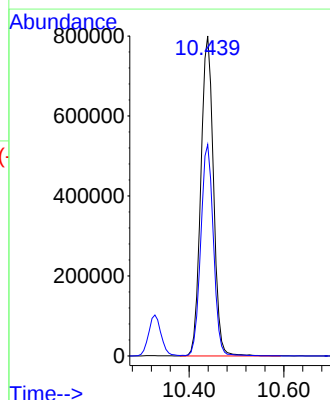
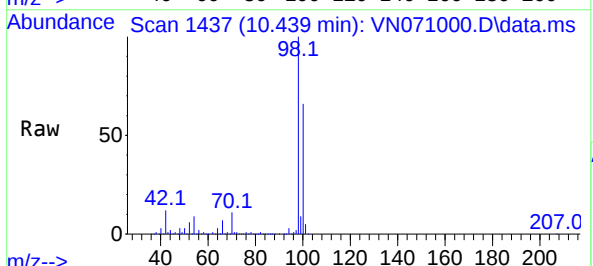
RT: 10.439 min Scan# 1437

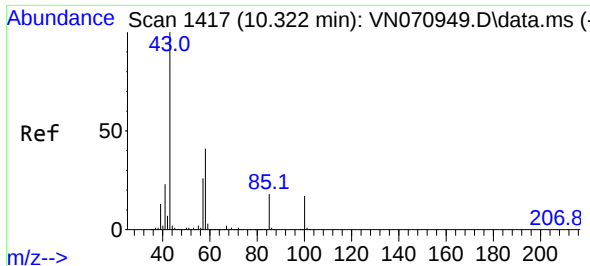
Delta R.T. 0.006 min

Lab File: VN071000.D

Acq: 18 Feb 2022 14:27

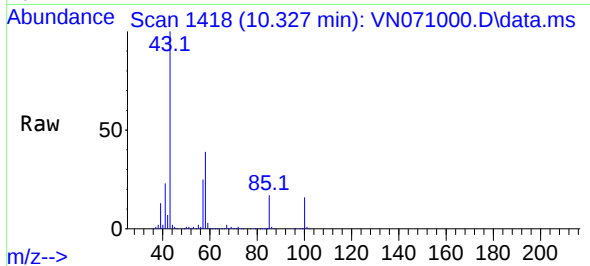
Tgt Ion:	98	Resp:	1484859
Ion Ratio	Lower	Upper	
98	100		
100	66.1	50.4	75.6





#51
4-Methyl-2-Pentanone
Concen: 100.181 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

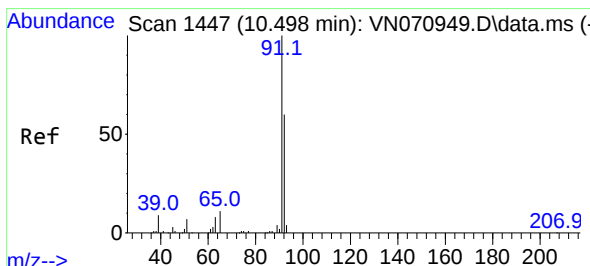
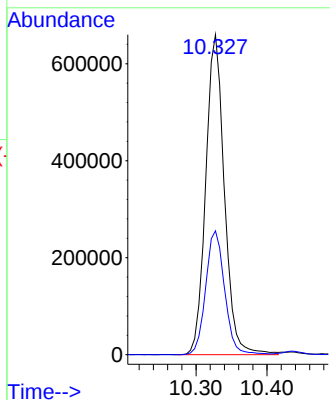
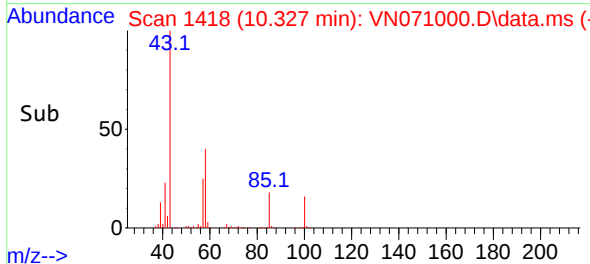
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01



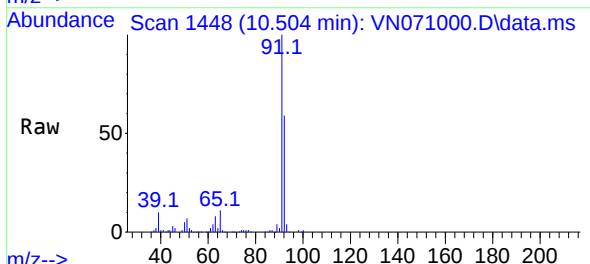
Tgt Ion: 43 Resp: 120569
Ion Ratio Lower Upper
43 100
58 39.3 30.4 45.6

Manual Integrations
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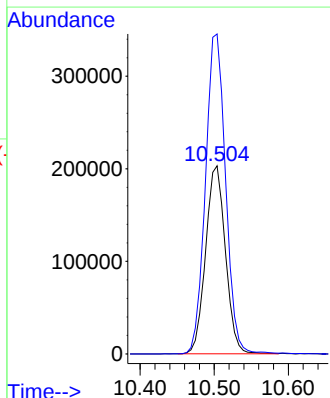
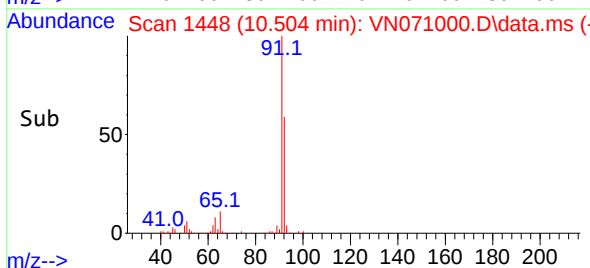
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

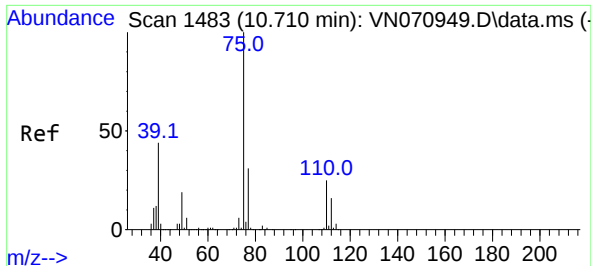


#52
Toluene
Concen: 17.345 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27



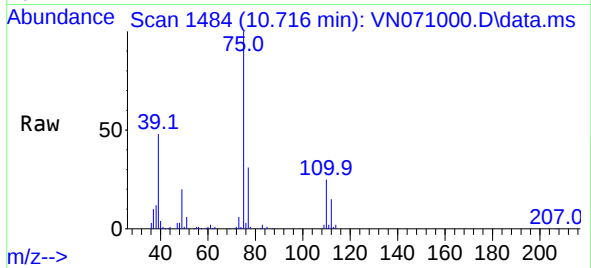
Tgt Ion: 92 Resp: 377240
Ion Ratio Lower Upper
92 100
91 173.6 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 16.843 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

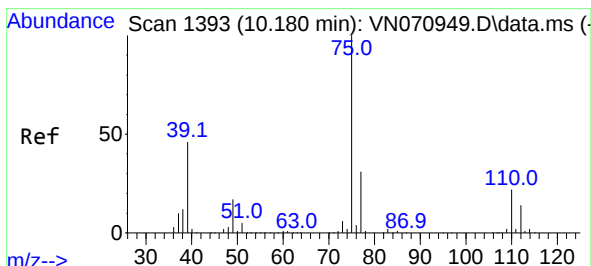
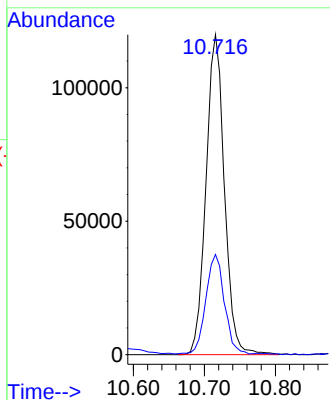
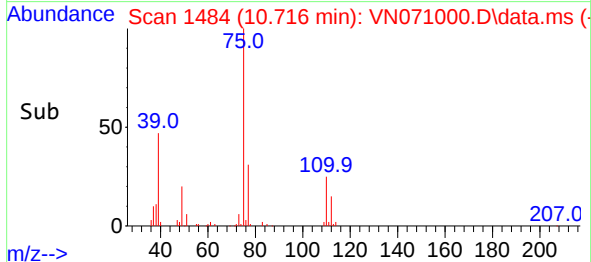
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01



Tgt Ion: 75 Resp: 215969
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4

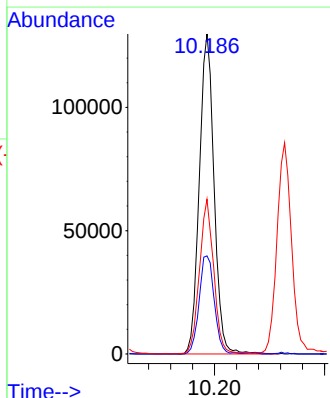
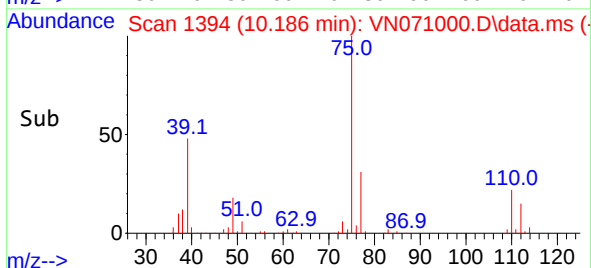
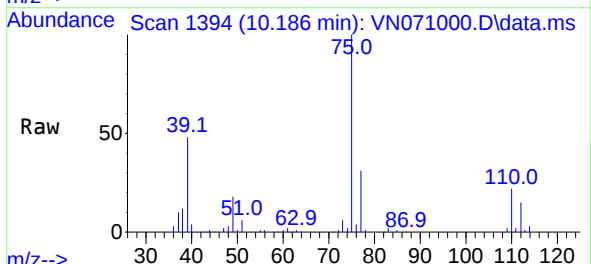
Manual Integrations
APPROVED

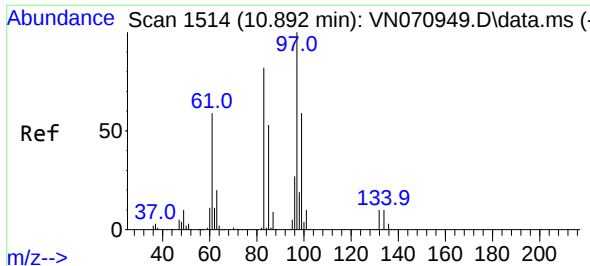
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#54
cis-1,3-Dichloropropene
Concen: 17.155 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

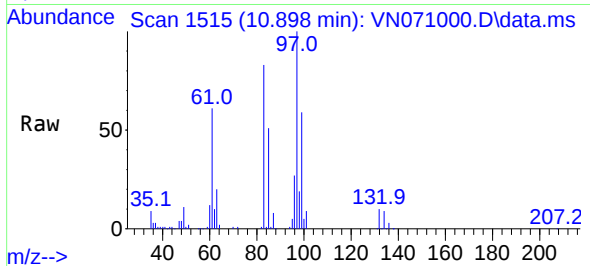
Tgt Ion: 75 Resp: 241575
Ion Ratio Lower Upper
75 100
77 30.7 26.4 39.6
39 48.3 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 17.749 ug/l
RT: 10.898 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01

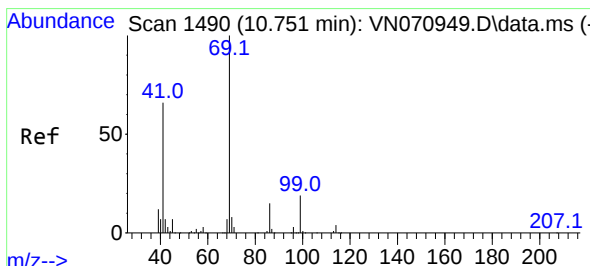
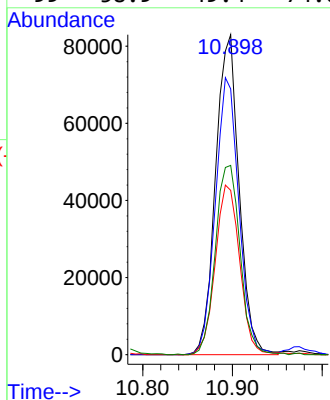
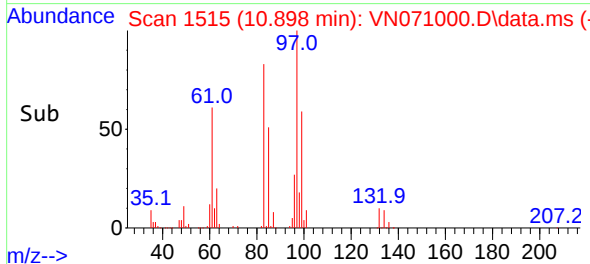


Tgt Ion: 97 Resp: 151108

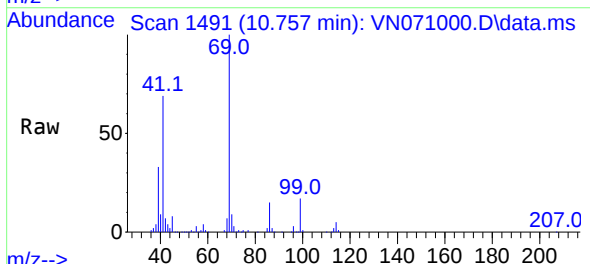
Ion	Ratio	Lower	Upper
97	100		
83	83.0	67.8	101.6
85	51.4	45.4	68.2
99	58.9	49.4	74.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

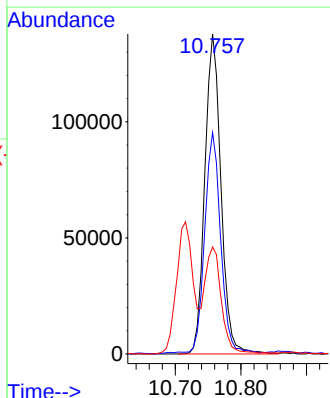
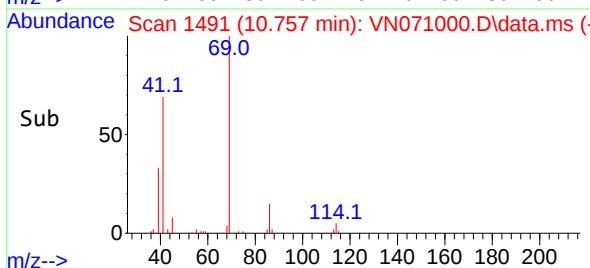


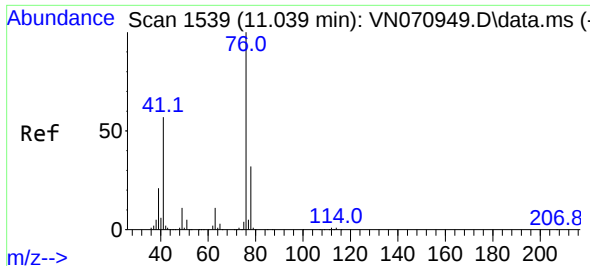
#56
Ethyl methacrylate
Concen: 18.435 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27



Tgt Ion: 69 Resp: 236476

Ion	Ratio	Lower	Upper
69	100		
41	69.6	51.4	77.0
39	35.2	34.6	52.0





#57

1,3-Dichloropropane

Concen: 17.855 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN071000.D

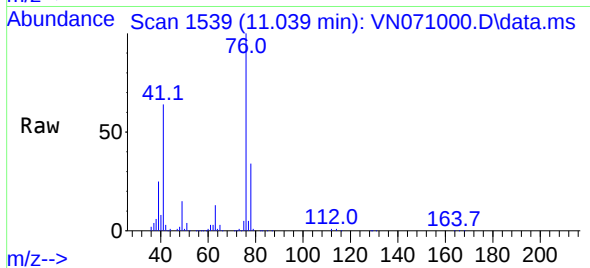
Acq: 18 Feb 2022 14:27

Instrument :

MSVOA_N

ClientSampleId :

VN0218WBS01



Tgt Ion: 76 Resp: 26294

Ion Ratio Lower Upper

76 100

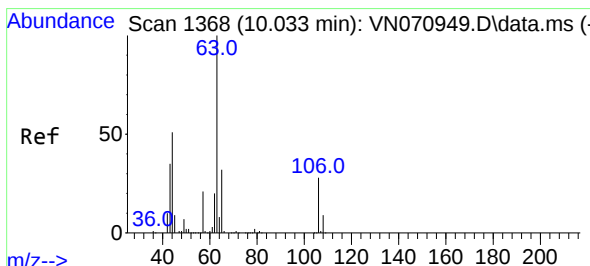
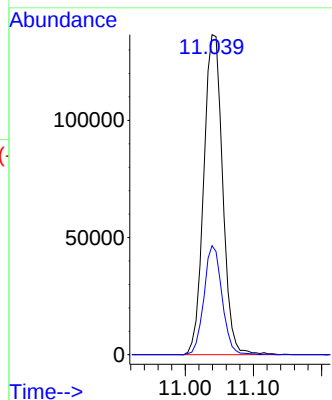
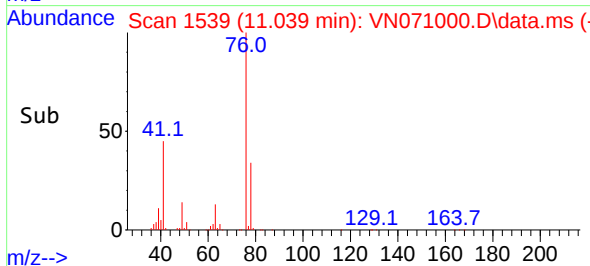
78 32.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#58

2-Chloroethyl Vinyl ether

Concen: 81.790 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VN071000.D

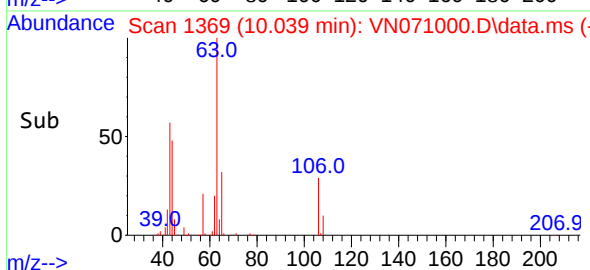
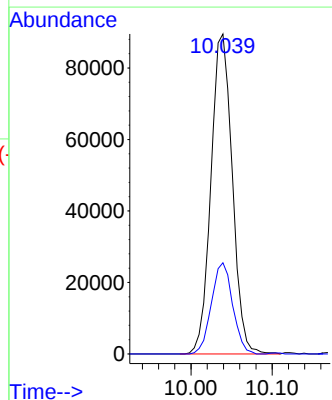
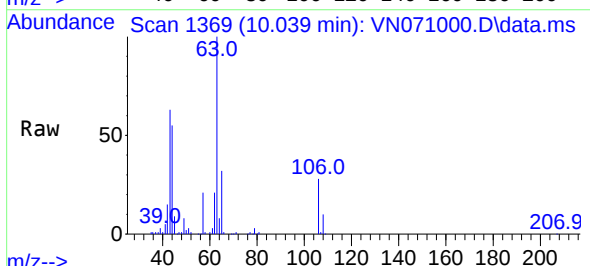
Acq: 18 Feb 2022 14:27

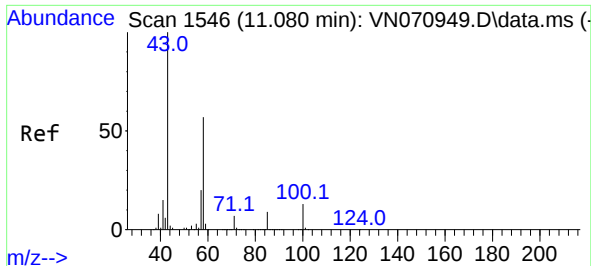
Tgt Ion: 63 Resp: 163420

Ion Ratio Lower Upper

63 100

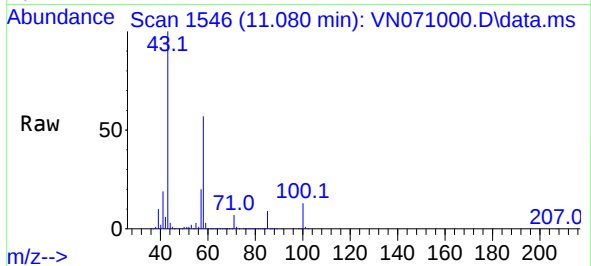
106 28.3 23.9 35.9





#59
2-Hexanone
Concen: 104.020 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

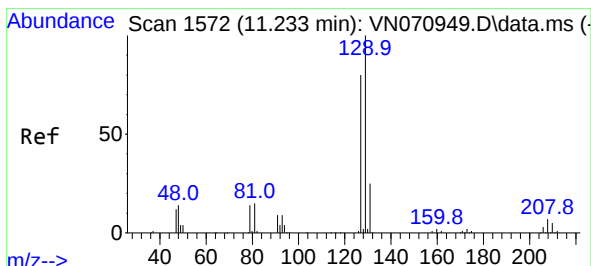
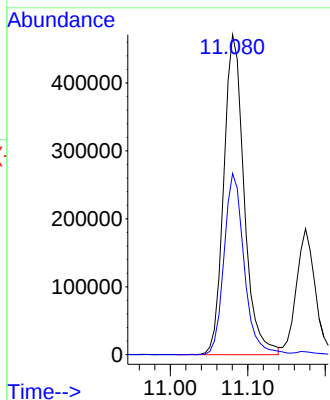
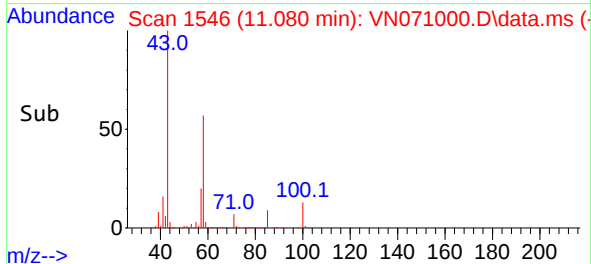
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01



Tgt Ion: 43 Resp: 86099
Ion Ratio Lower Upper
43 100
58 56.0 26.9 80.7

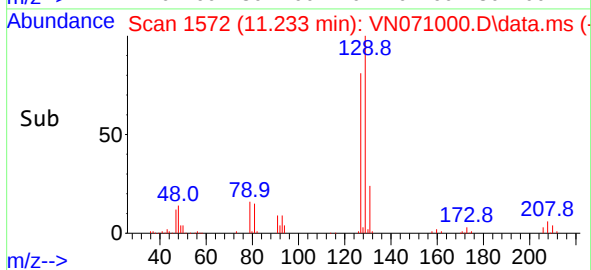
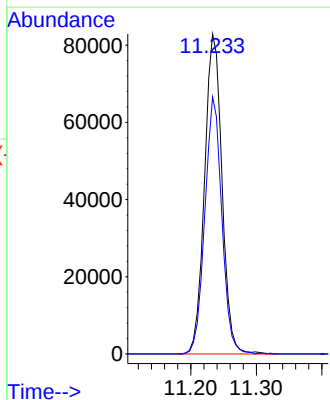
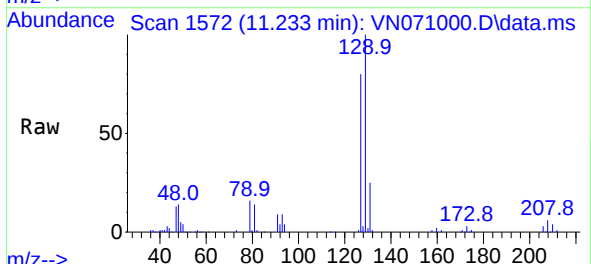
Manual Integrations
APPROVED

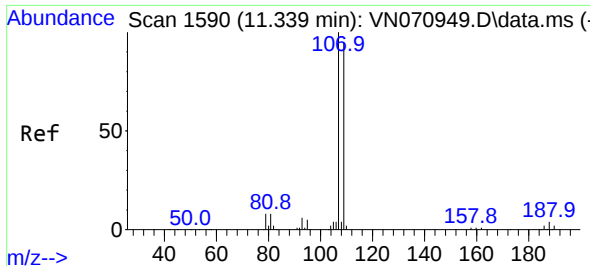
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#60
Dibromochloromethane
Concen: 17.036 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

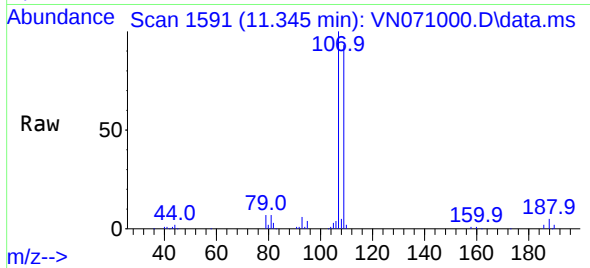
Tgt Ion:129 Resp: 153282
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 17.330 ug/l
RT: 11.345 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

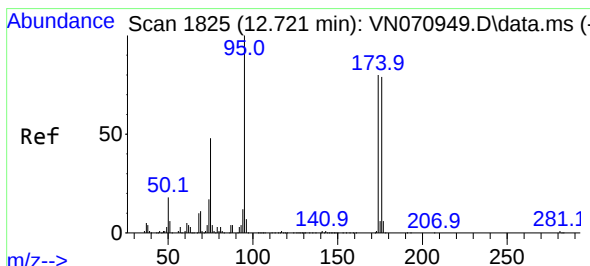
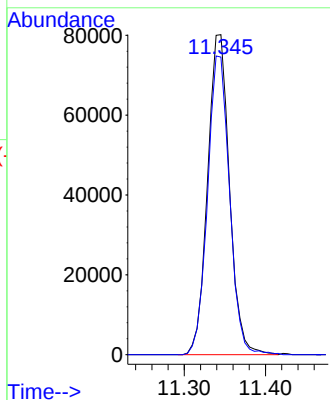
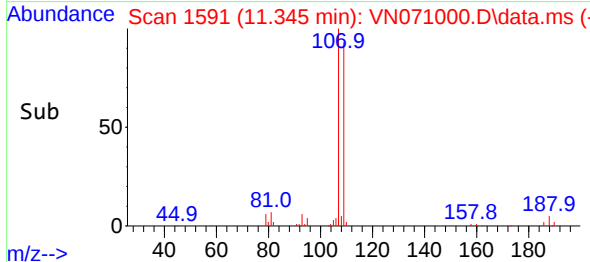
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01



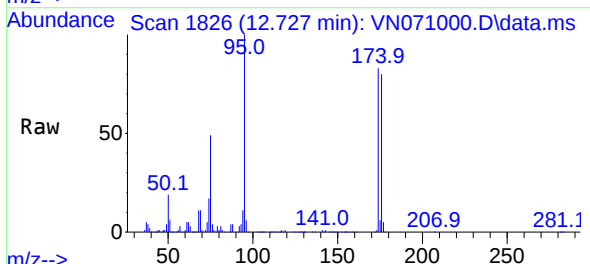
Tgt Ion:107 Resp: 15007
Ion Ratio Lower Upper
107 100
109 93.7 75.7 113.5

Manual Integrations
APPROVED

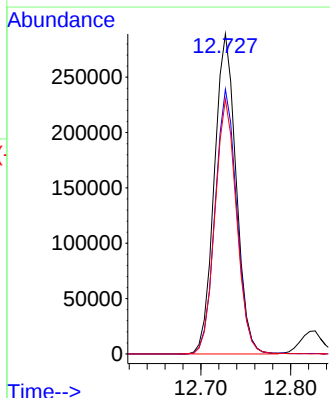
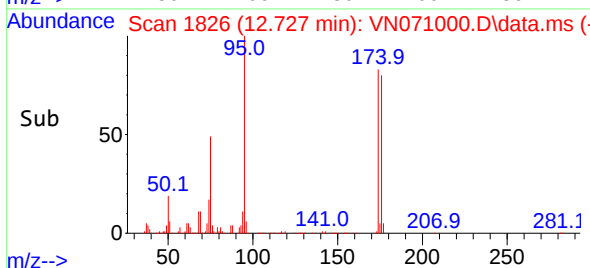
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

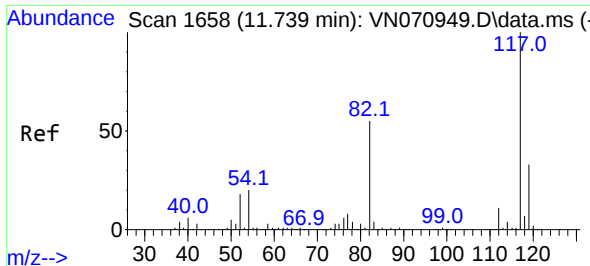


#62
4-Bromofluorobenzene
Concen: 47.574 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27



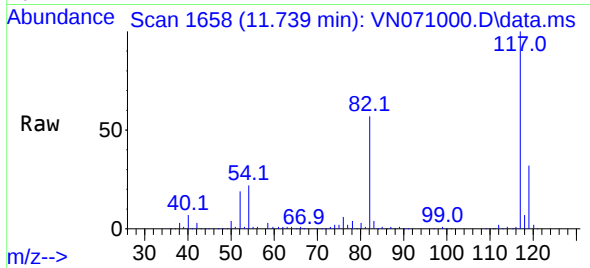
Tgt Ion: 95 Resp: 487754
Ion Ratio Lower Upper
95 100
174 82.1 0.0 187.2
176 78.8 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

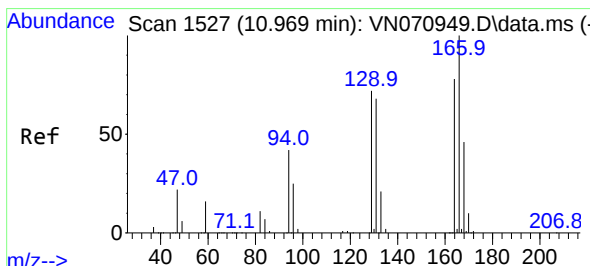
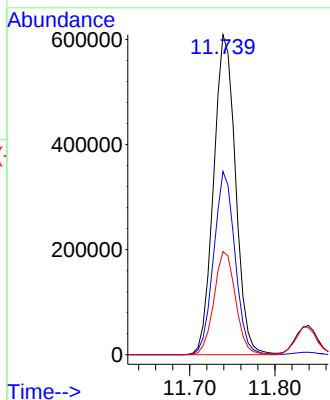
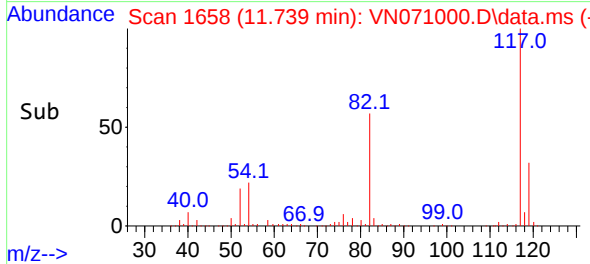
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01



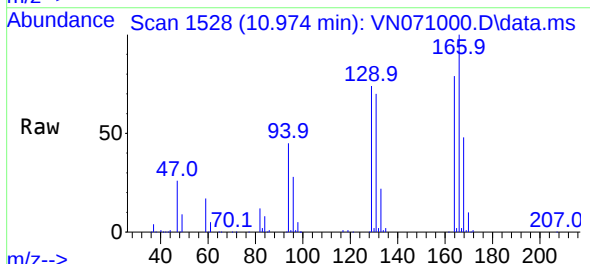
Tgt Ion:117 Resp: 109086
Ion Ratio Lower Upper
117 100
82 57.2 42.4 63.6
119 32.3 25.4 38.2

Manual Integrations
APPROVED

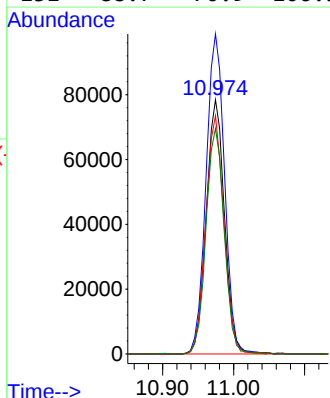
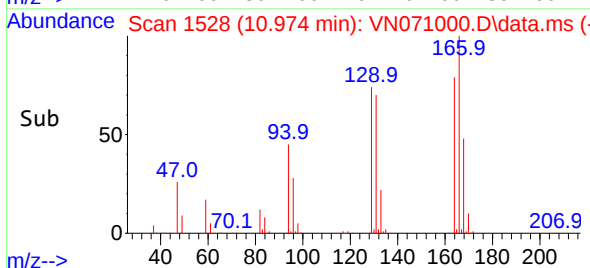
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

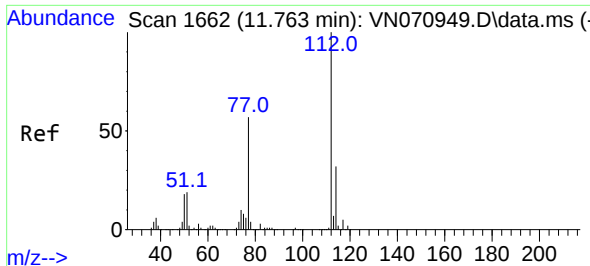


#64
Tetrachloroethene
Concen: 16.545 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27



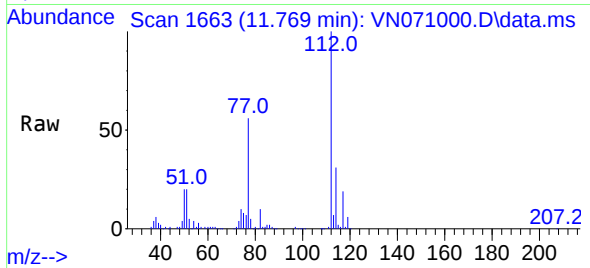
Tgt Ion:164 Resp: 140560
Ion Ratio Lower Upper
164 100
166 125.9 101.9 152.9
129 93.7 72.0 108.0
131 88.7 70.9 106.3





#65
Chlorobenzene
Concen: 16.797 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

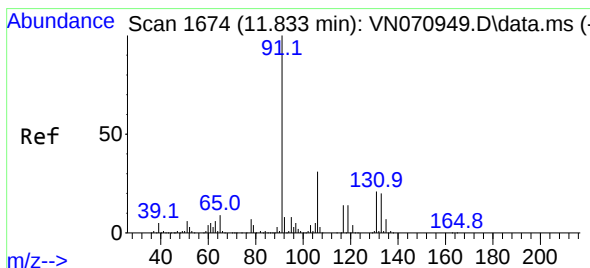
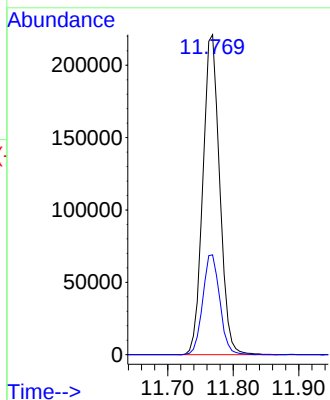
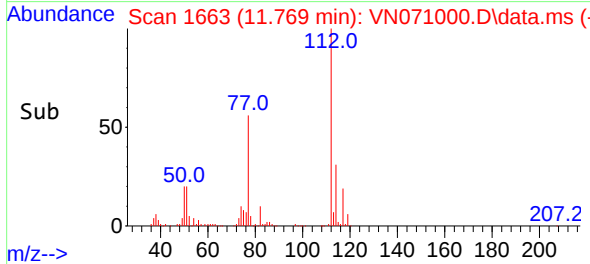
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01



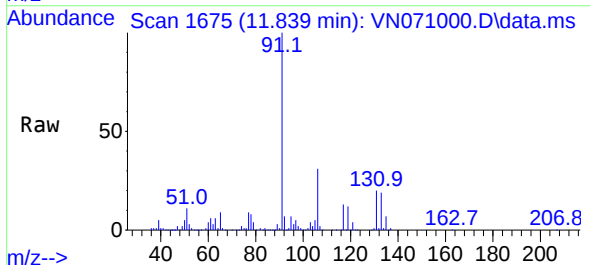
Tgt Ion:112 Resp: 394829
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.0

Manual Integrations
APPROVED

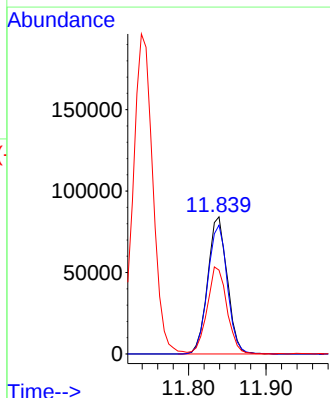
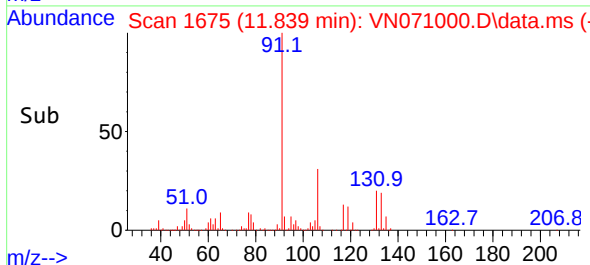
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

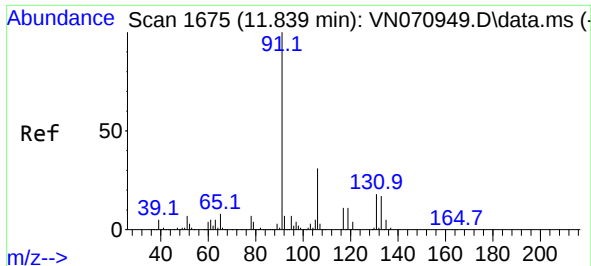


#66
1,1,1,2-Tetrachloroethane
Concen: 17.222 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27



Tgt Ion:131 Resp: 147567
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.7
119 64.4 32.1 96.5





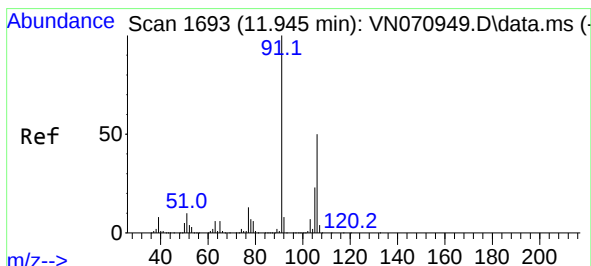
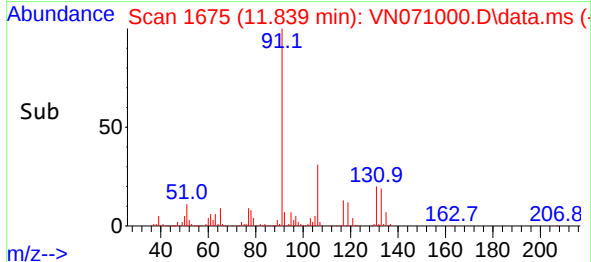
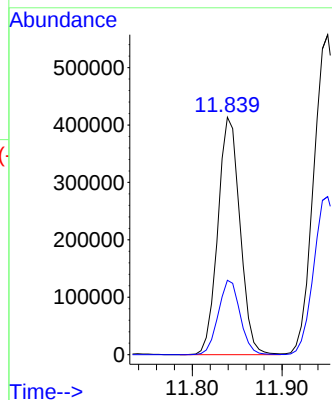
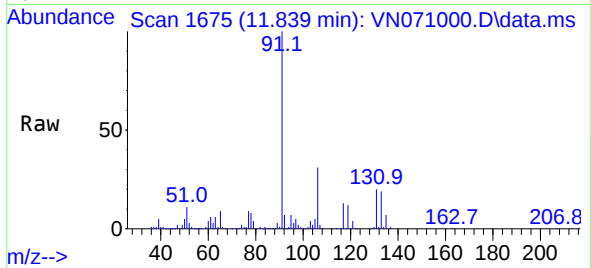
#67
Ethyl Benzene
Concen: 17.215 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01

Tgt Ion: 91 Resp: 70827
Ion Ratio Lower Upper
91 100
106 31.4 25.7 38.5

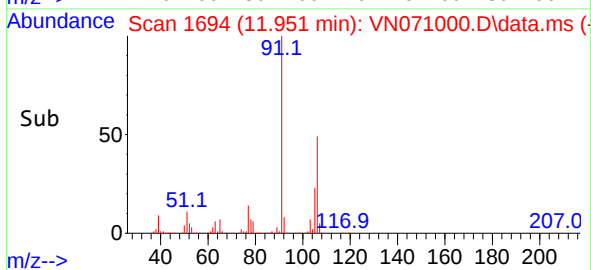
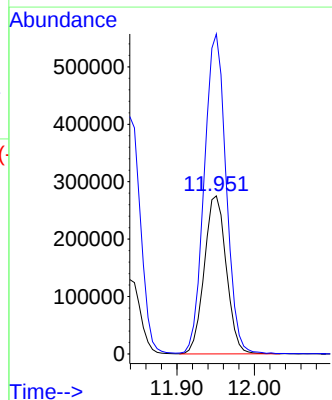
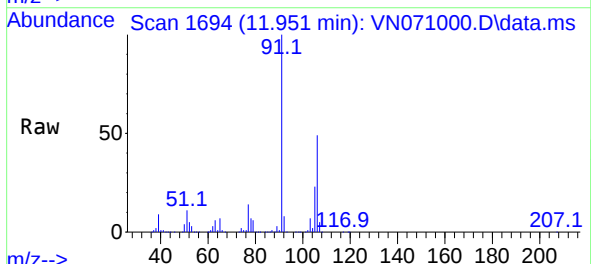
Manual Integrations
APPROVED

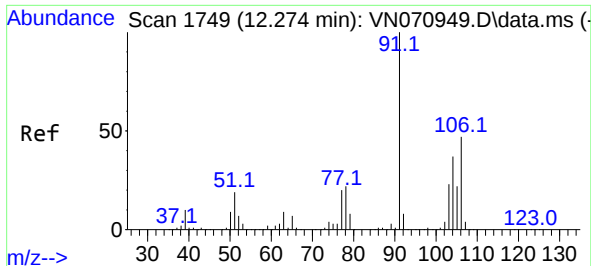
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#68
m/p-Xylenes
Concen: 34.134 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

Tgt Ion:106 Resp: 542450
Ion Ratio Lower Upper
106 100
91 201.7 160.6 240.8





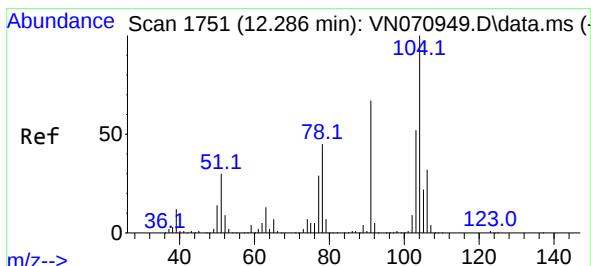
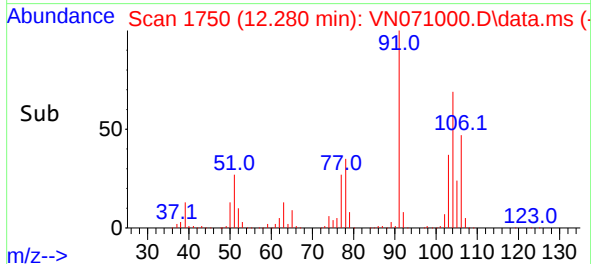
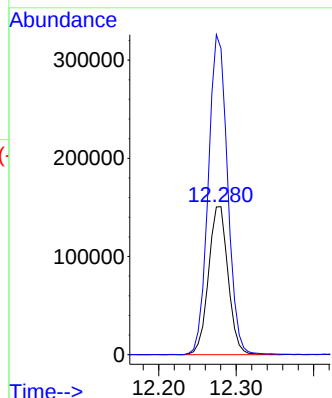
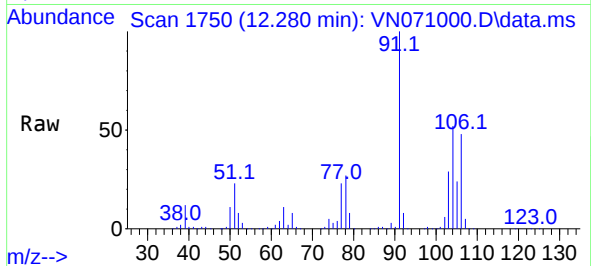
#69
o-Xylene
Concen: 17.026 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01

Tgt Ion:106 Resp: 264309
Ion Ratio Lower Upper
106 100
91 213.3 105.8 317.3

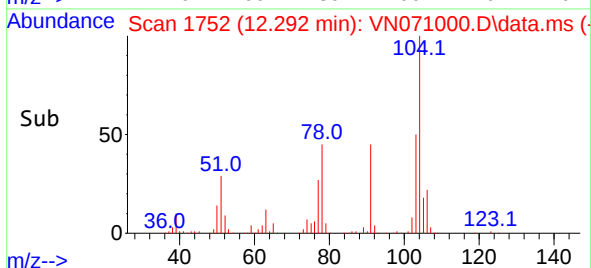
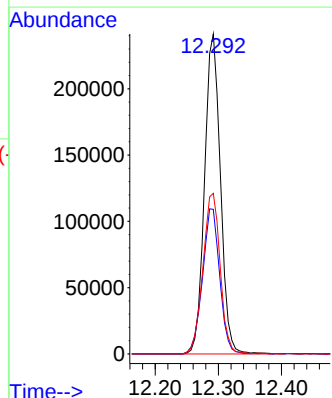
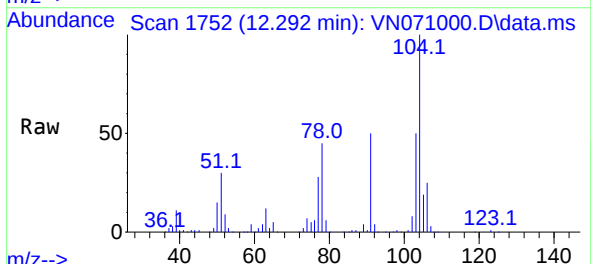
Manual Integrations
APPROVED

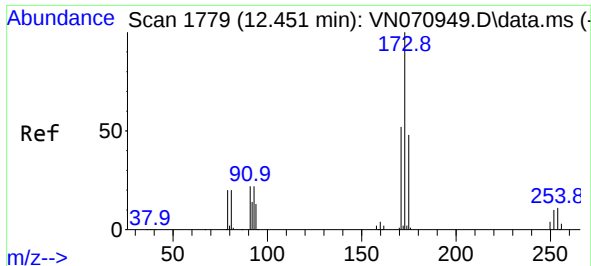
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#70
Styrene
Concen: 17.055 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

Tgt Ion:104 Resp: 421000
Ion Ratio Lower Upper
104 100
78 48.9 38.7 58.1
103 54.5 45.0 67.6





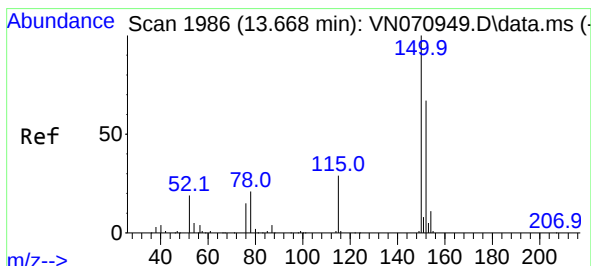
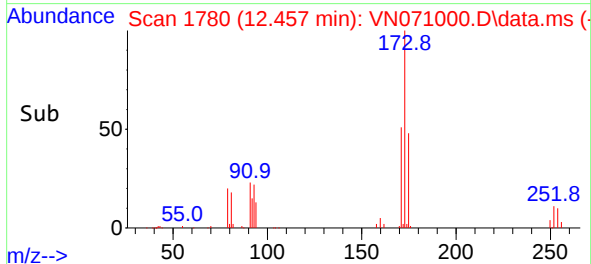
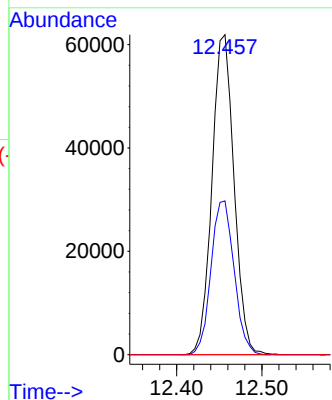
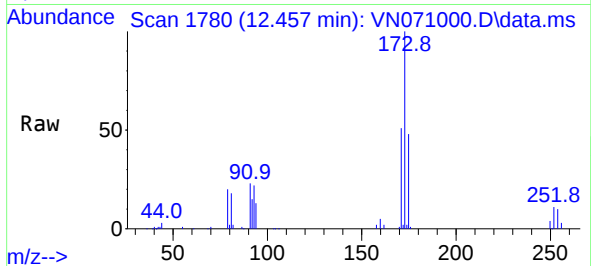
#71
Bromoform
Concen: 16.372 ug/l
RT: 12.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01

Tgt Ion:173 Resp: 111725
Ion Ratio Lower Upper
173 100
175 50.2 24.2 72.6
254 0.0 0.0 0.0

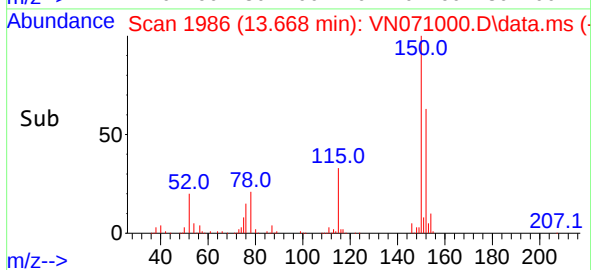
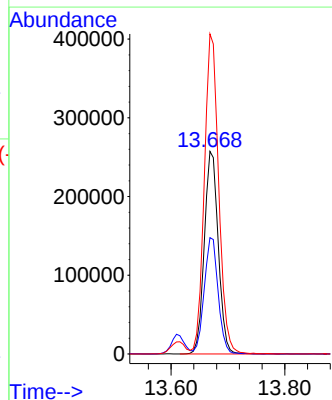
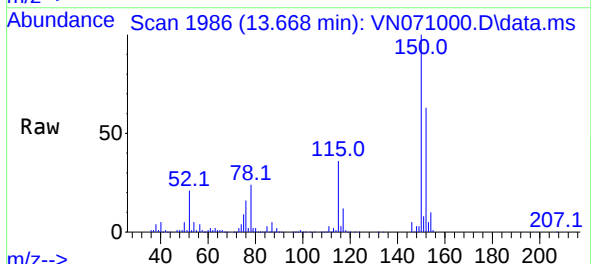
Manual Integrations
APPROVED

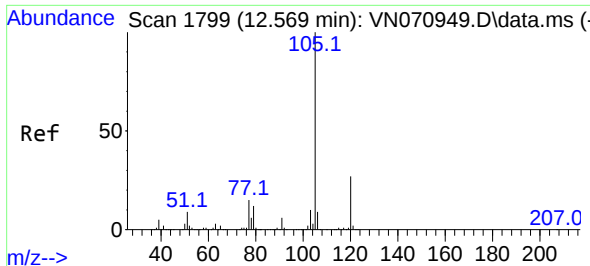
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

Tgt Ion:152 Resp: 437418
Ion Ratio Lower Upper
152 100
115 57.3 27.5 82.5
150 162.5 0.0 344.4





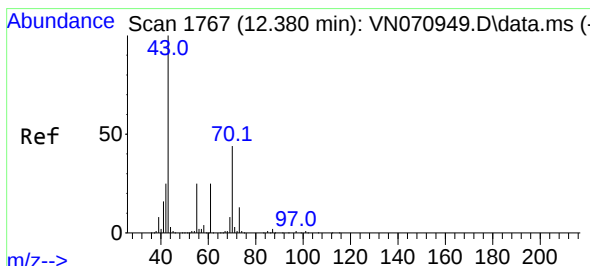
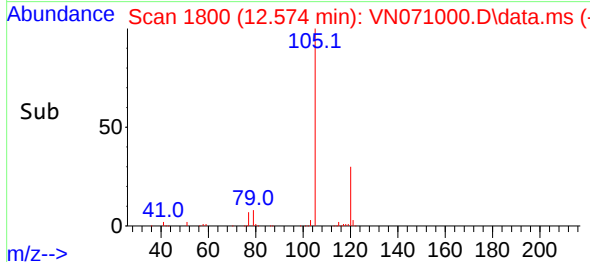
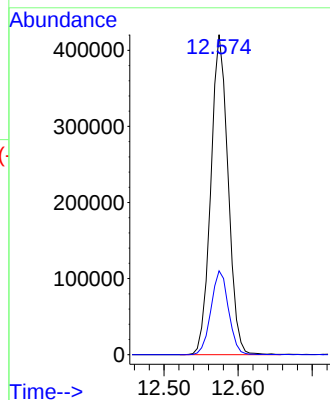
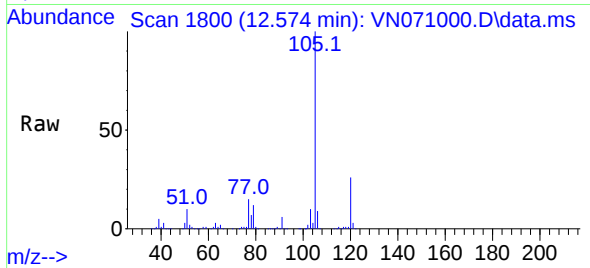
#73
Isopropylbenzene
Concen: 19.298 ug/l
RT: 12.574 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01

Tgt Ion:105 Resp: 679430
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1

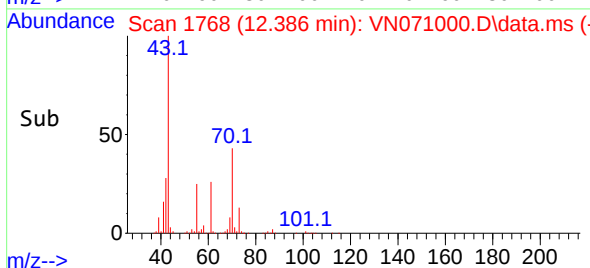
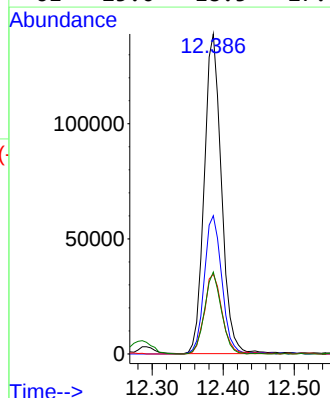
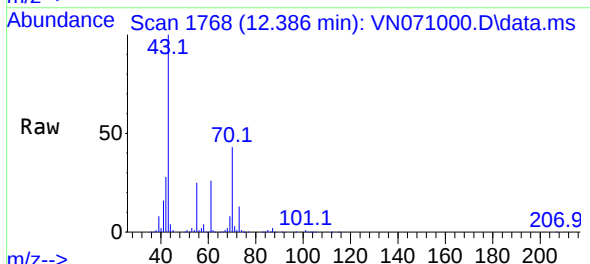
Manual Integrations
APPROVED

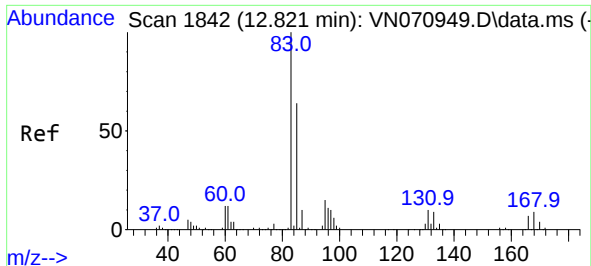
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#74
N-amy1 acetate
Concen: 20.828 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

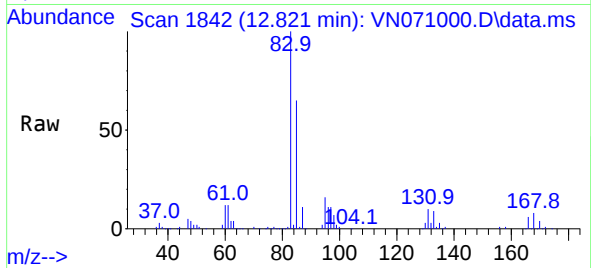
Tgt Ion: 43 Resp: 234410
Ion Ratio Lower Upper
43 100
70 43.9 33.4 50.0
55 26.0 19.3 28.9
61 25.0 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.558 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

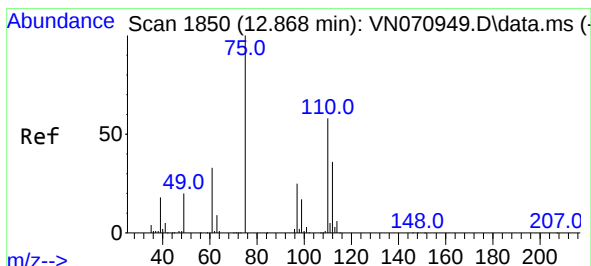
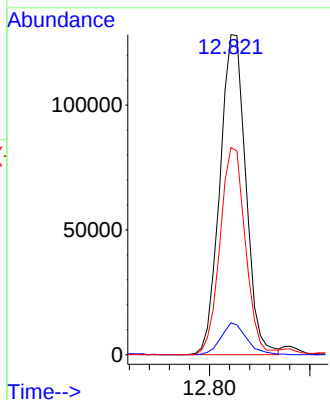
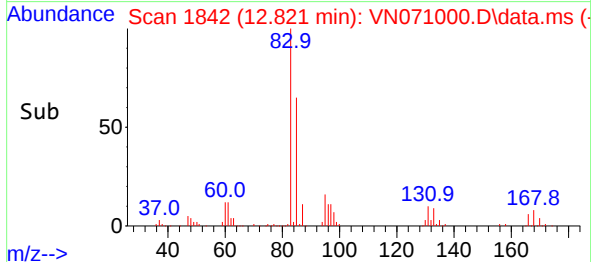
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01



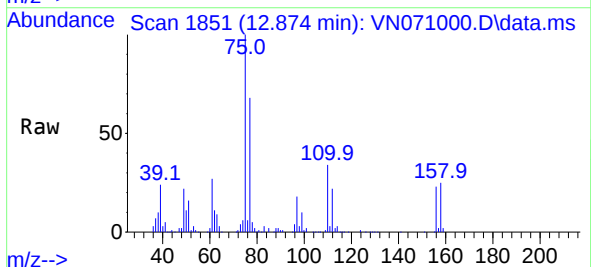
Tgt Ion: 83 Resp: 23000
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 63.3 32.4 97.2

Manual Integrations
APPROVED

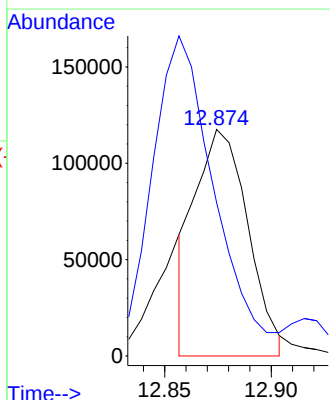
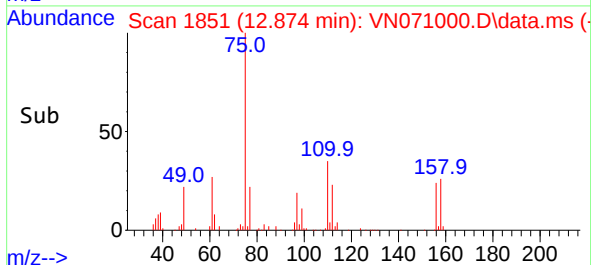
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

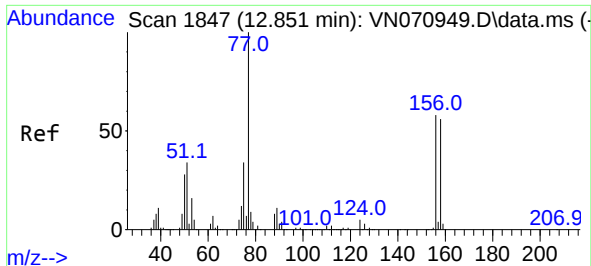


#76
1,2,3-Trichloropropane
Concen: 19.694 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27



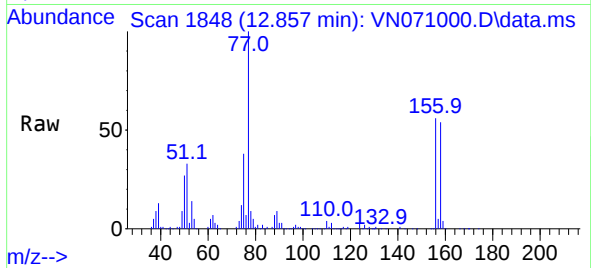
Tgt Ion: 75 Resp: 202830
Ion Ratio Lower Upper
75 100
77 166.3 82.6 247.8





#77
Bromobenzene
Concen: 18.591 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

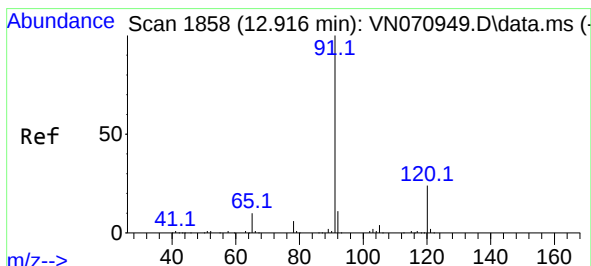
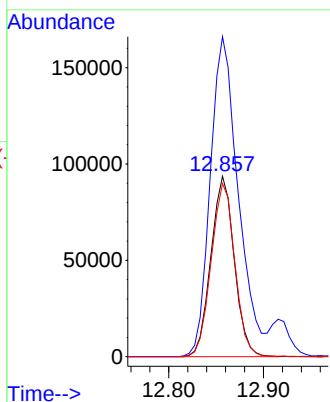
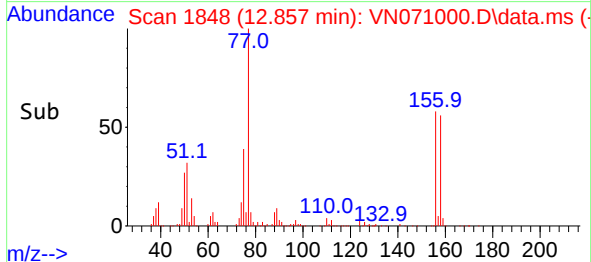
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01



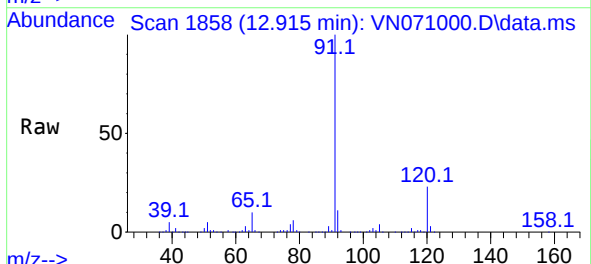
Tgt Ion:156 Resp: 160234
Ion Ratio Lower Upper
156 100
77 210.5 90.6 271.8
158 97.2 48.9 146.7

Manual Integrations
APPROVED

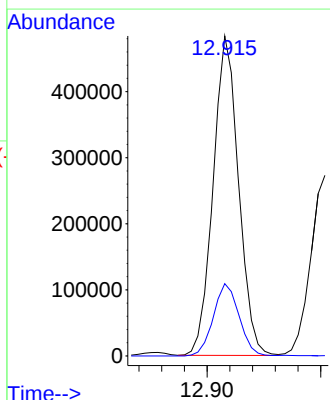
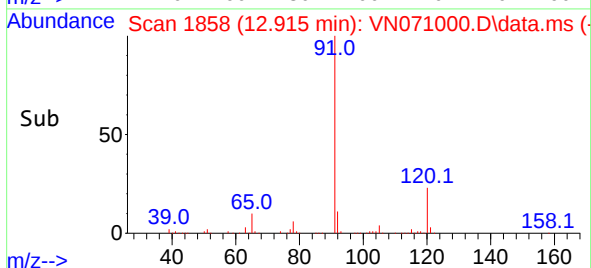
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

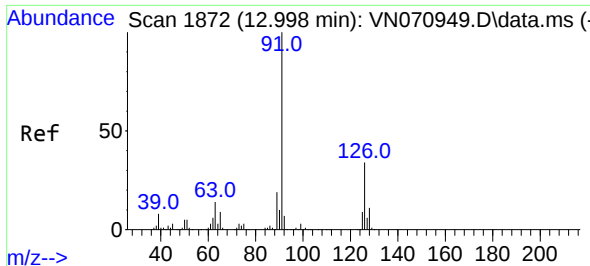


#78
n-propylbenzene
Concen: 18.982 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27



Tgt Ion: 91 Resp: 750886
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.9





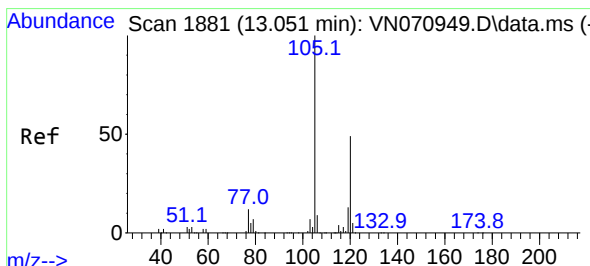
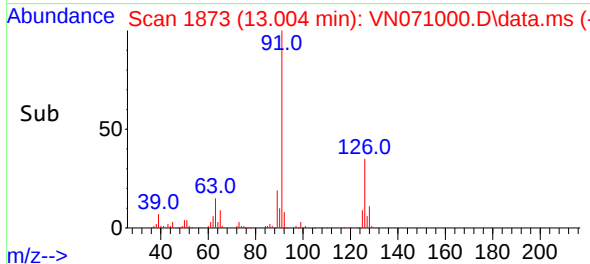
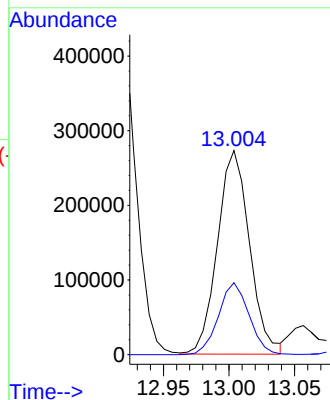
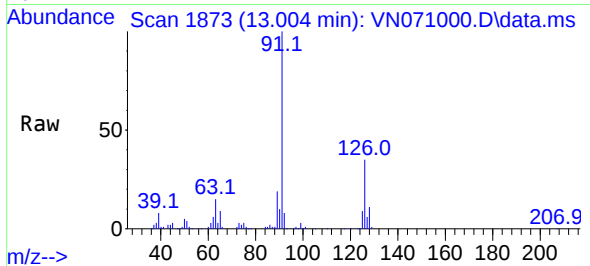
#79
2-Chlorotoluene
Concen: 19.326 ug/l
RT: 13.004 min Scan# 1872
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01

Tgt Ion: 91 Resp: 464270
Ion Ratio Lower Upper
91 100
126 33.7 18.3 54.8

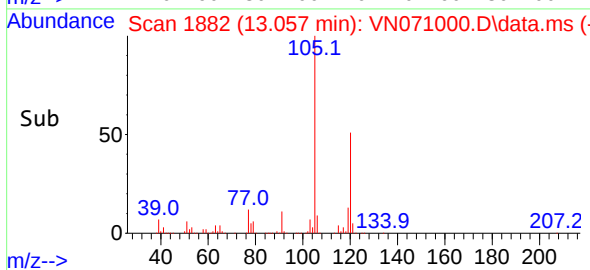
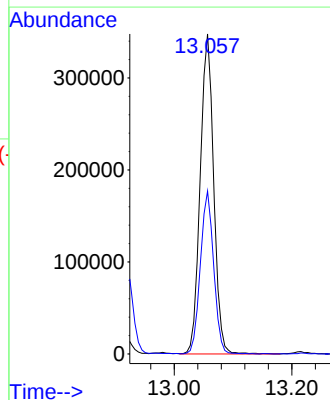
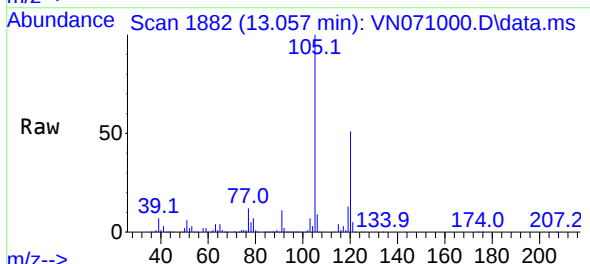
Manual Integrations
APPROVED

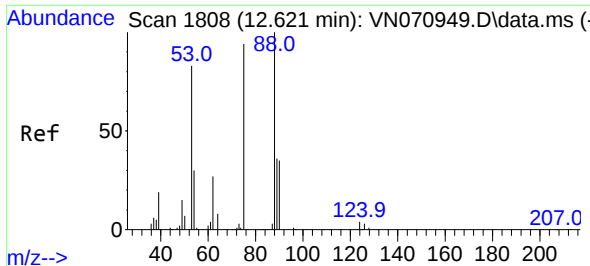
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.396 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

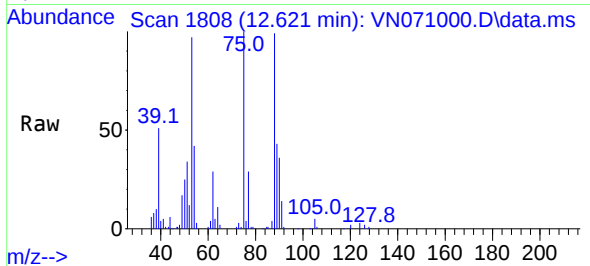
Tgt Ion:105 Resp: 553250
Ion Ratio Lower Upper
105 100
120 50.2 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.060 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

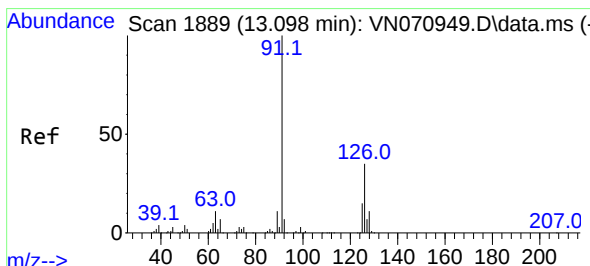
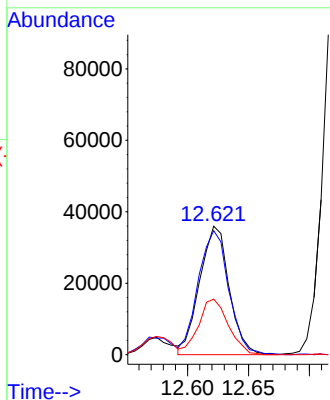
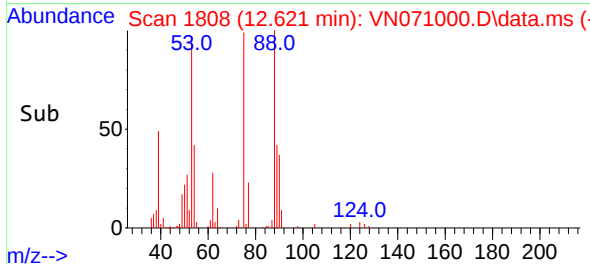
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01



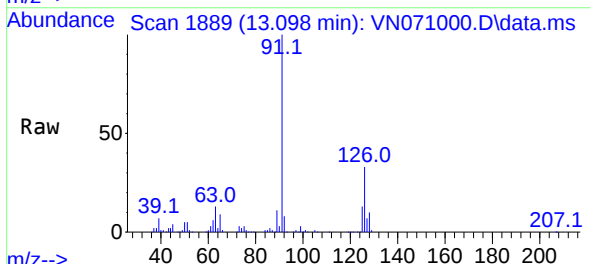
Tgt Ion: 75 Resp: 60579
Ion Ratio Lower Upper
75 100
53 100.0 90.5 135.7
89 43.8 38.2 57.4

Manual Integrations
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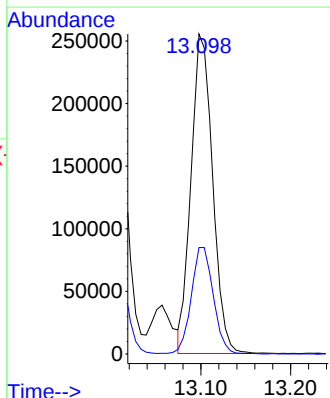
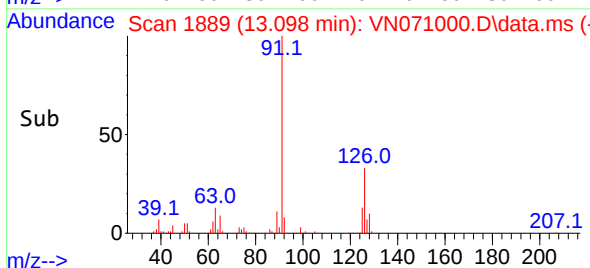
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

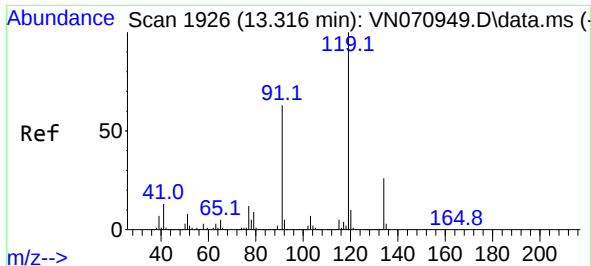


#82
4-Chlorotoluene
Concen: 18.251 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27



Tgt Ion: 91 Resp: 425608
Ion Ratio Lower Upper
91 100
126 34.2 18.2 54.6





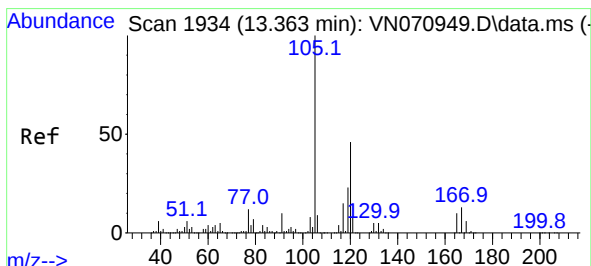
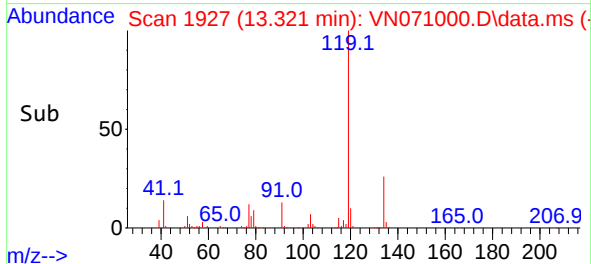
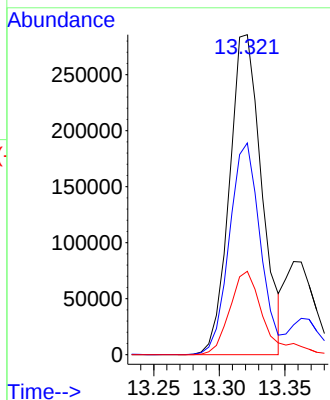
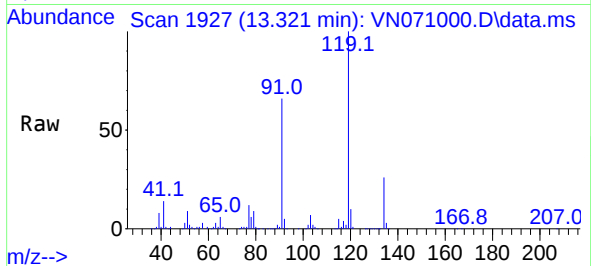
#83
tert-Butylbenzene
Concen: 18.083 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01

Tgt Ion:119 Resp: 489168
Ion Ratio Lower Upper
119 100
91 64.5 31.5 94.5
134 27.6 12.4 37.4

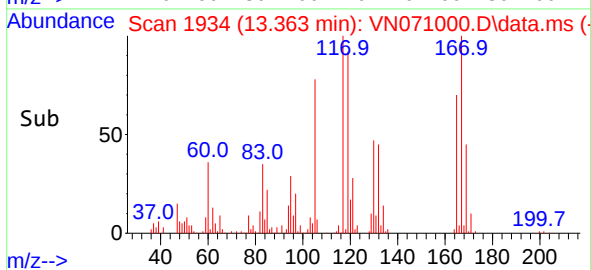
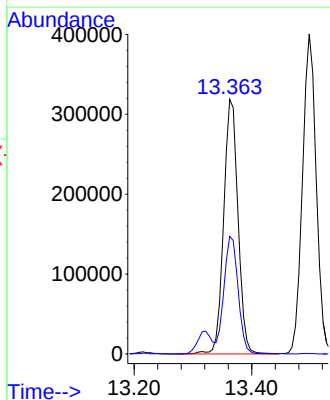
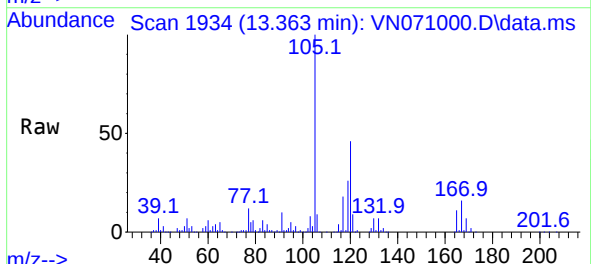
Manual Integrations
APPROVED

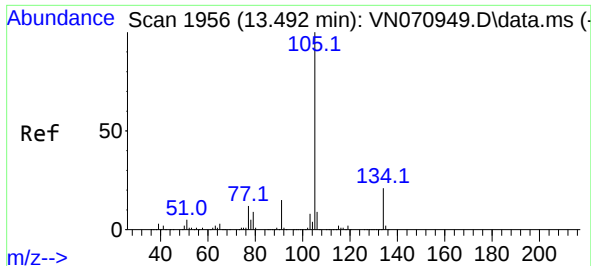
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#84
1,2,4-Trimethylbenzene
Concen: 19.236 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

Tgt Ion:105 Resp: 540118
Ion Ratio Lower Upper
105 100
120 45.2 22.8 68.4





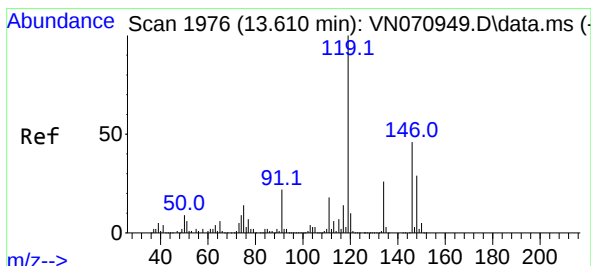
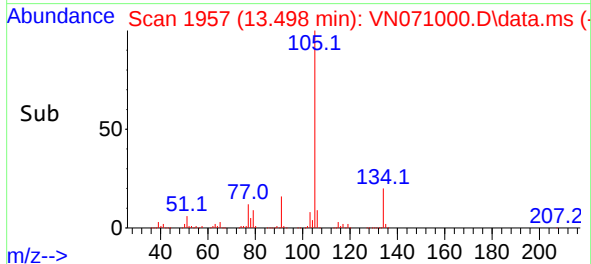
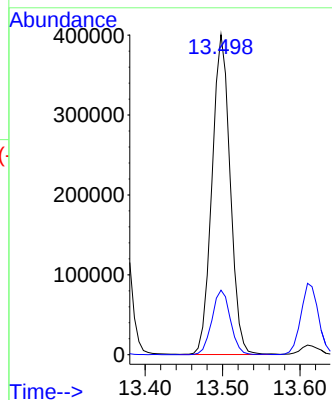
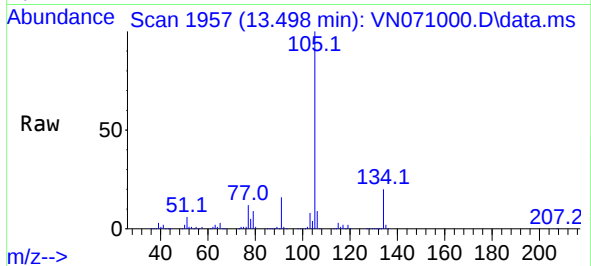
#85
 sec-Butylbenzene
 Concen: 18.280 ug/l
 RT: 13.498 min Scan# 1956
 Delta R.T. 0.006 min
 Lab File: VN071000.D
 Acq: 18 Feb 2022 14:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0218WBS01

Tgt Ion:105 Resp: 65157
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1

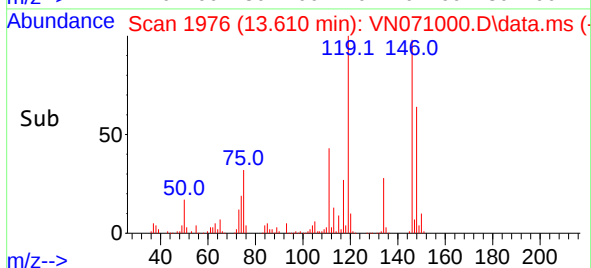
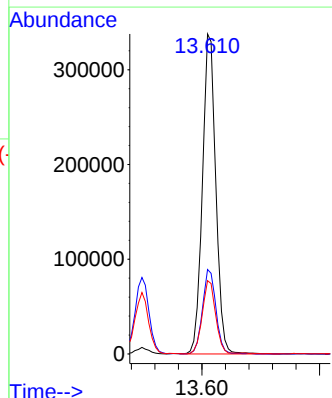
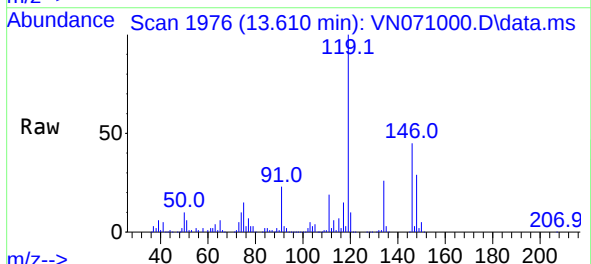
Manual Integrations
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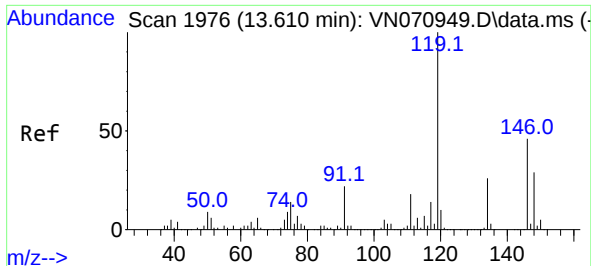
Reviewed By :John Carlone 02/22/2022
 Supervised By :Mahesh Dadoda 02/22/2022



#86
 p-Isopropyltoluene
 Concen: 18.263 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071000.D
 Acq: 18 Feb 2022 14:27

Tgt Ion:119 Resp: 534413
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.6 40.7
 91 23.1 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 17.457 ug/l

RT: 13.615 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VN071000.D

Acq: 18 Feb 2022 14:27

Instrument :

MSVOA_N

ClientSampleId :

VN0218WBS01

Tgt Ion:146 Resp: 26635

Ion Ratio Lower Upper

146 100

111 40.1 18.6 55.6

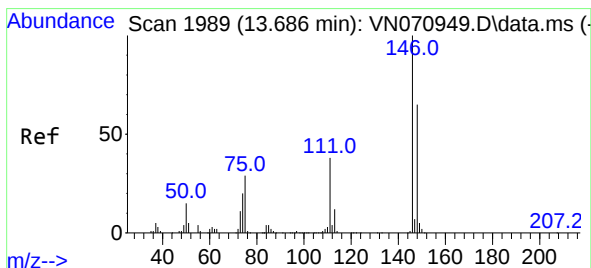
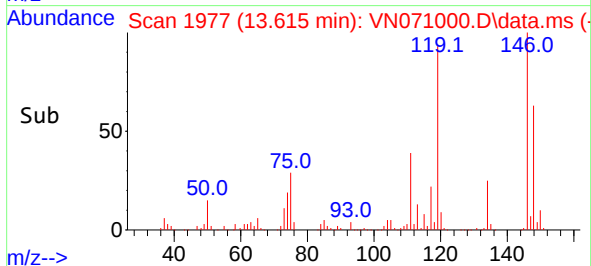
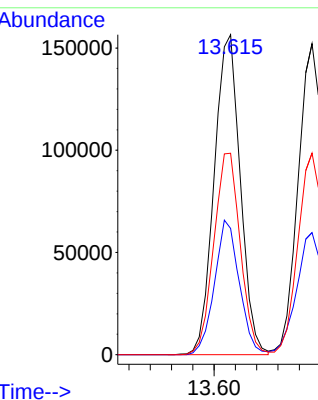
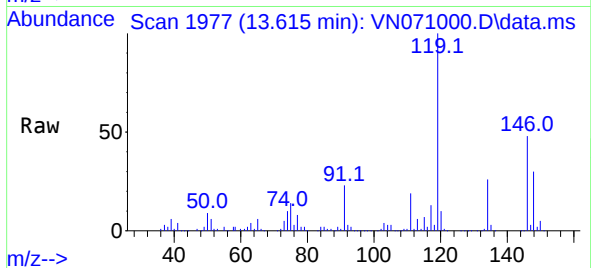
148 64.1 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#88

1,4-Dichlorobenzene

Concen: 17.257 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. 0.006 min

Lab File: VN071000.D

Acq: 18 Feb 2022 14:27

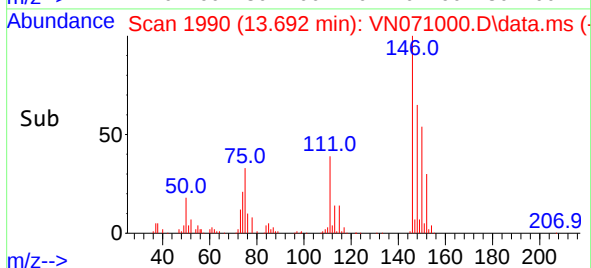
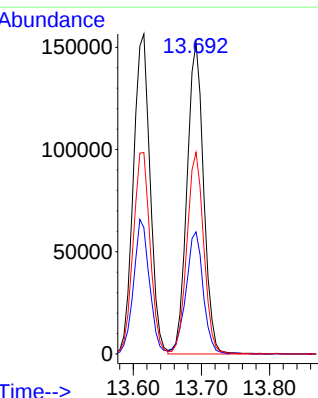
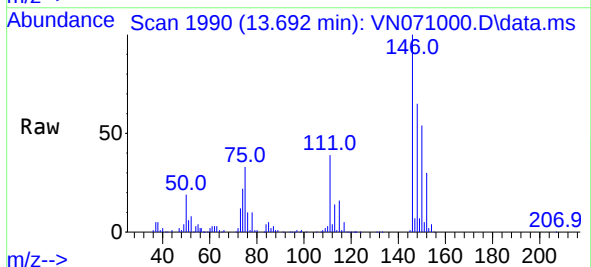
Tgt Ion:146 Resp: 257976

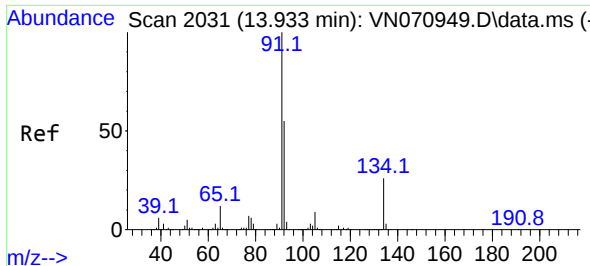
Ion Ratio Lower Upper

146 100

111 40.5 18.3 54.8

148 65.3 31.8 95.4





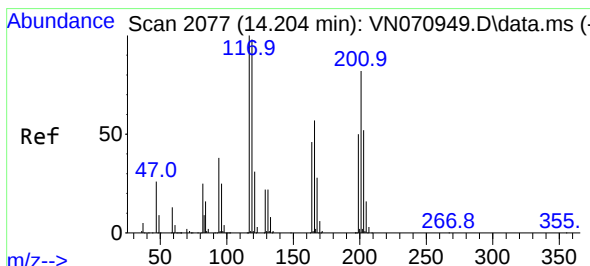
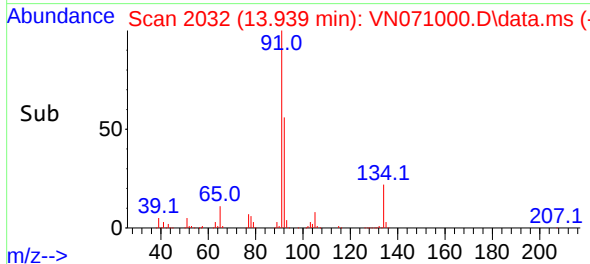
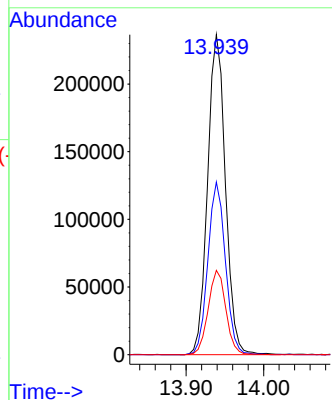
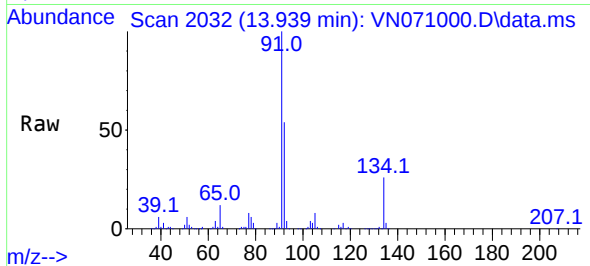
#89
n-Butylbenzene
Concen: 15.834 ug/l
RT: 13.939 min Scan# 2031
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01

Tgt Ion: 91 Resp: 378010
Ion Ratio Lower Upper
91 100
92 53.1 25.4 76.0
134 26.2 13.6 40.8

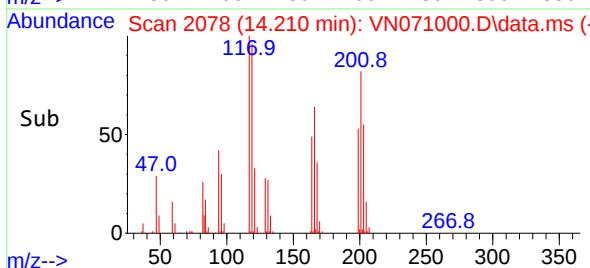
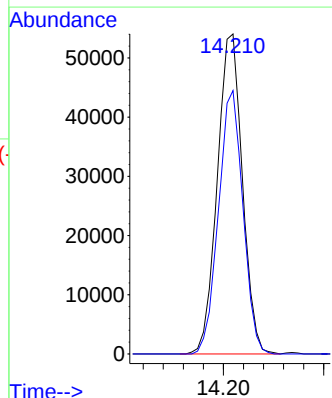
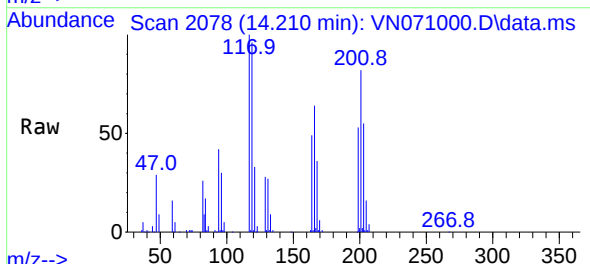
Manual Integrations
APPROVED

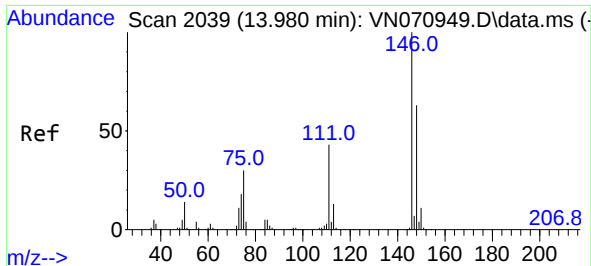
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#90
Hexachloroethane
Concen: 17.923 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

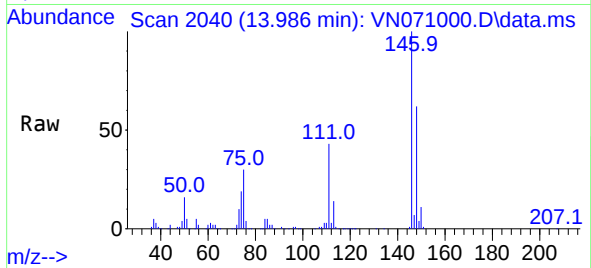
Tgt Ion:117 Resp: 93663
Ion Ratio Lower Upper
117 100
201 80.1 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 18.369 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

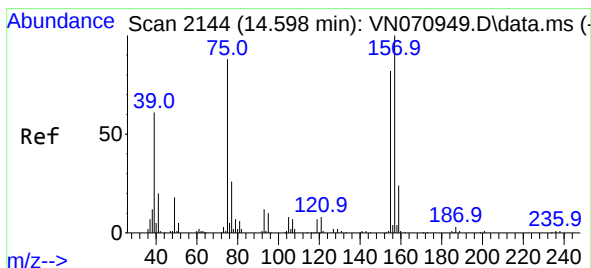
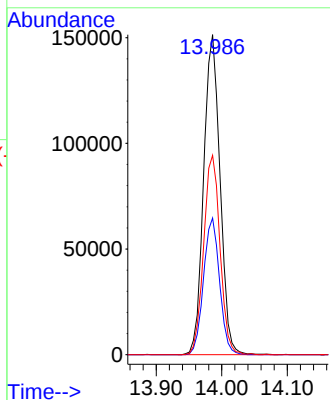
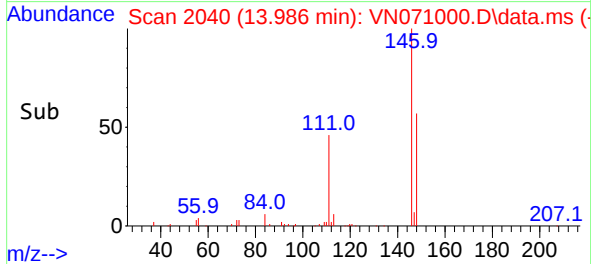
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01



Tgt Ion:146 Resp: 263184
Ion Ratio Lower Upper
146 100
111 41.8 19.1 57.3
148 62.3 32.1 96.3

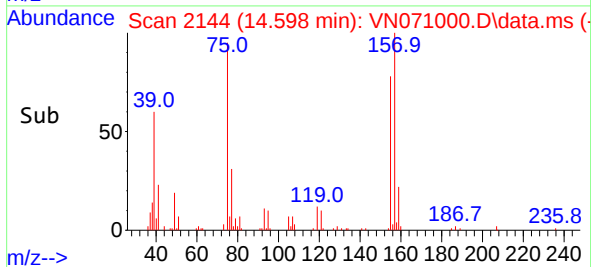
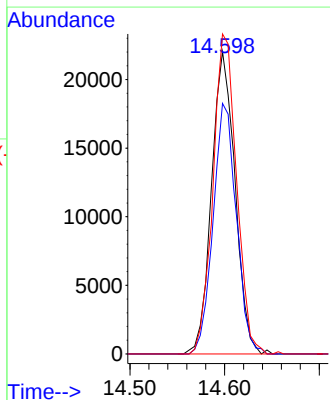
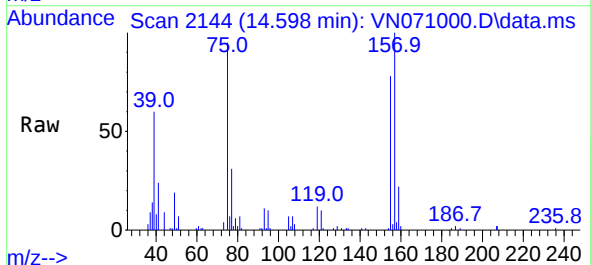
Manual Integrations
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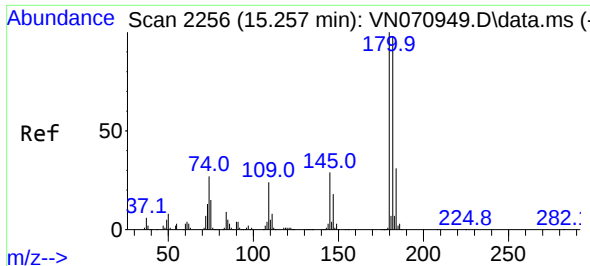
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.924 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

Tgt Ion: 75 Resp: 37929
Ion Ratio Lower Upper
75 100
155 82.1 46.9 140.7
157 106.5 60.6 181.7





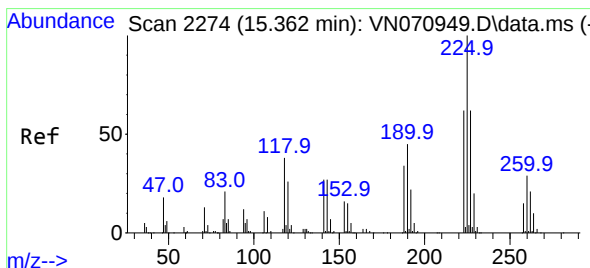
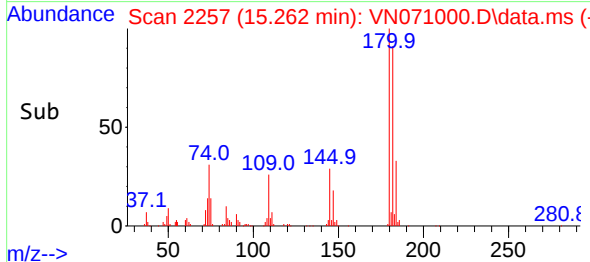
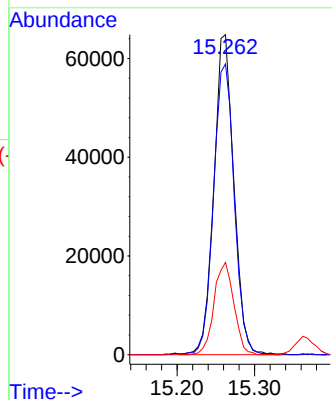
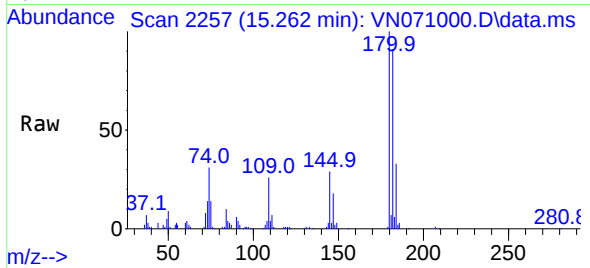
#93
1,2,4-Trichlorobenzene
Concen: 15.870 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01

Tgt Ion:180 Resp: 11636
Ion Ratio Lower Upper
180 100
182 94.5 48.3 144.9
145 28.7 14.5 43.5

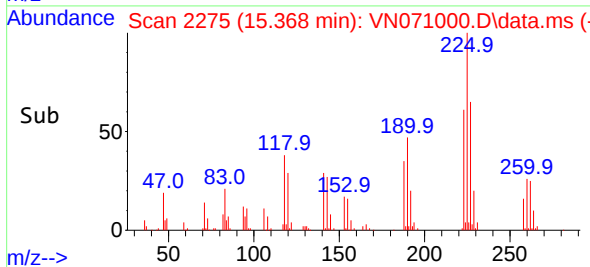
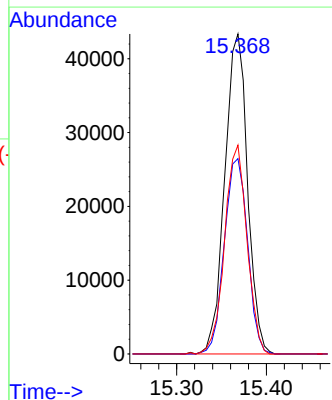
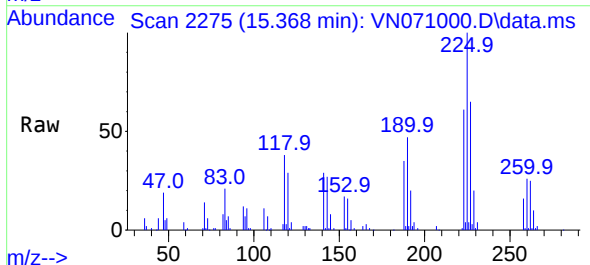
Manual Integrations
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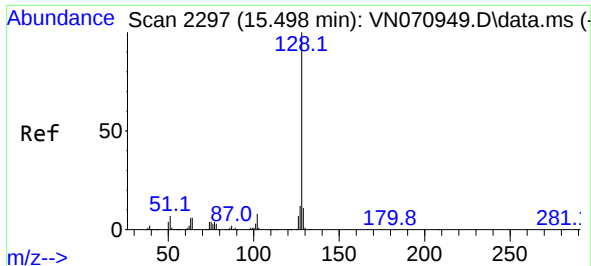
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#94
Hexachlorobutadiene
Concen: 14.636 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

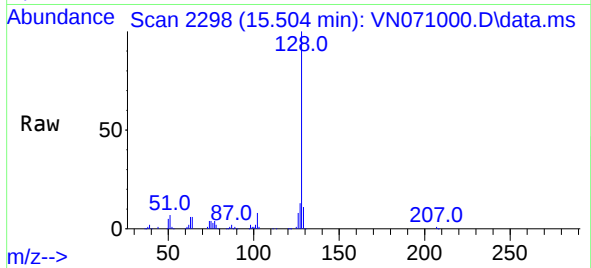
Tgt Ion:225 Resp: 76471
Ion Ratio Lower Upper
225 100
223 62.3 31.9 95.7
227 64.0 32.1 96.3





#95
Naphthalene
Concen: 17.298 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

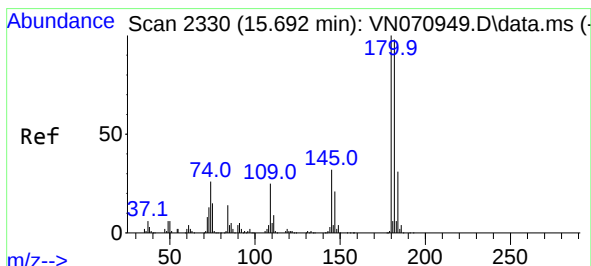
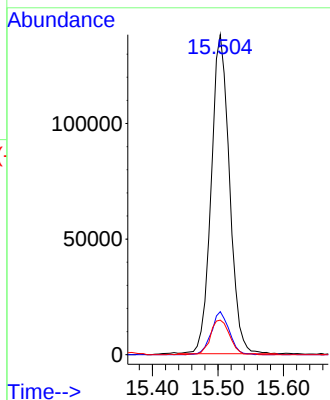
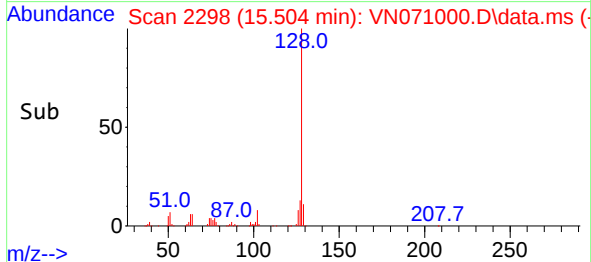
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBS01



Tgt Ion:128 Resp: 267380
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.5 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#96
1,2,3-Trichlorobenzene
Concen: 16.767 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071000.D
Acq: 18 Feb 2022 14:27

Tgt Ion:180 Resp: 111403
Ion Ratio Lower Upper
180 100
182 95.6 47.4 142.2
145 30.8 15.0 45.1

