

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021822\
 Data File : VN071017.D
 Acq On : 18 Feb 2022 21:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 19 00:45:55 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	8.080	168	671098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1098062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1005331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	414871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	389712	50.836	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.680%			
35) Dibromofluoromethane	8.016	113	308661	47.259	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.520%			
50) Toluene-d8	10.439	98	1248500	47.600	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.200%			
62) 4-Bromofluorobenzene	12.727	95	426936	45.538	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	321938	46.187	ug/l	99
3) Chloromethane	2.299	50	427962	48.847	ug/l	98
4) Vinyl Chloride	2.440	62	410476	46.803	ug/l	100
5) Bromomethane	2.834	94	219547	44.066	ug/l	100
6) Chloroethane	3.004	64	262802	45.675	ug/l	94
7) Trichlorofluoromethane	3.369	101	546677	49.738	ug/l	99
8) Diethyl Ether	3.822	74	235187	49.223	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.216	101	311995	46.267	ug/l	95
10) Methyl Iodide	4.422	142	455972	48.823	ug/l	99
11) Tert butyl alcohol	5.363	59	387078	277.059	ug/l	99
12) 1,1-Dichloroethene	4.181	96	313161	47.665	ug/l	98
13) Acrolein	4.040	56	302209	242.075	ug/l	99
14) Allyl chloride	4.840	41	628406	50.151	ug/l	88
15) Acrylonitrile	5.551	53	1191665	289.577	ug/l	98
16) Acetone	4.281	43	949022	224.787	ug/l	94
17) Carbon Disulfide	4.534	76	792440	42.060	ug/l	99
18) Methyl Acetate	4.851	43	530610	57.489	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	1220707	52.966	ug/l	97
20) Methylene Chloride	5.098	84	388909	50.686	ug/l	92
21) trans-1,2-Dichloroethene	5.598	96	333869	47.345	ug/l	92
22) Diisopropyl ether	6.492	45	1333576	55.492	ug/l	94
23) Vinyl Acetate	6.428	43	5752375	282.764	ug/l	99
24) 1,1-Dichloroethane	6.386	63	702340	52.134	ug/l	99
25) 2-Butanone	7.328	43	1602324	285.298	ug/l	98
26) 2,2-Dichloropropane	7.322	77	513826	45.892	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	413347	51.000	ug/l	93
28) Bromochloromethane	7.657	49	302345	55.450	ug/l	87
29) Tetrahydrofuran	7.681	42	1079413	296.677	ug/l	95
30) Chloroform	7.816	83	676751	51.075	ug/l	98
31) Cyclohexane	8.092	56	649671	49.001	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	585483	51.167	ug/l	97
36) 1,1-Dichloropropene	8.222	75	507325	47.412	ug/l	97
37) Ethyl Acetate	7.410	43	647467	56.420	ug/l	99
38) Carbon Tetrachloride	8.204	117	493323	46.791	ug/l	99
39) Methylcyclohexane	9.457	83	625944	45.461	ug/l	97
40) Benzene	8.457	78	1560650	49.307	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	349426	57.813	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	545637	50.616	ug/l	98
43) Isopropyl Acetate	8.557	43	1007728	55.711	ug/l	99
44) Trichloroethene	9.216	130	384180	46.094	ug/l	99
45) 1,2-Dichloropropane	9.486	63	414930	51.177	ug/l	100
46) Dibromomethane	9.575	93	264396	49.553	ug/l	99
47) Bromodichloromethane	9.757	83	537050	49.803	ug/l	100
48) Methyl methacrylate	9.557	41	487264	56.911	ug/l #	84
49) 1,4-Dioxane	9.563	88	170319	1120.009	ug/l	88
51) 4-Methyl-2-Pentanone	10.327	43	3261154	296.321	ug/l	97
52) Toluene	10.498	92	994288	49.992	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	582496	49.677	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	646597	50.213	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	393628	50.561	ug/l	98
56) Ethyl methacrylate	10.757	69	666492	56.820	ug/l	92
57) 1,3-Dichloropropane	11.039	76	703599	52.249	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	590677	229.388	ug/l	96
59) 2-Hexanone	11.080	43	2293427	303.001	ug/l	98
60) Dibromochloromethane	11.233	129	406480	49.405	ug/l	99
61) 1,2-Dibromoethane	11.339	107	404892	51.131	ug/l	100
64) Tetrachloroethene	10.974	164	336253	42.947	ug/l	96
65) Chlorobenzene	11.768	112	1045809	48.276	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	390588	49.462	ug/l	100
67) Ethyl Benzene	11.839	91	1910380	50.385	ug/l	98
68) m/p-Xylenes	11.951	106	1443485	98.560	ug/l	98
69) o-Xylene	12.274	106	739633	51.698	ug/l	99
70) Styrene	12.292	104	1172263	51.531	ug/l	98
71) Bromoform	12.451	173	309958	49.285	ug/l #	99
73) Isopropylbenzene	12.574	105	1862325	55.769	ug/l	100
74) N-amyl acetate	12.386	43	750628	70.321	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	599978	56.540	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	462923m	47.391	ug/l	
77) Bromobenzene	12.857	156	438739	53.670	ug/l	87
78) n-propylbenzene	12.915	91	2050178	54.643	ug/l	98
79) 2-Chlorotoluene	13.004	91	1253159	54.999	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	1489992	55.075	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	169158	56.116	ug/l	92
82) 4-Chlorotoluene	13.098	91	1163424	52.602	ug/l	95
83) tert-Butylbenzene	13.321	119	1373699	53.540	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1492935	56.059	ug/l	99
85) sec-Butylbenzene	13.498	105	1819702	53.825	ug/l	100
86) p-Isopropyltoluene	13.610	119	1488788	53.643	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	715535	49.446	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	683029	48.174	ug/l	98
89) n-Butylbenzene	13.939	91	1139018	50.303	ug/l	97
90) Hexachloroethane	14.204	117	270761	54.628	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	694475	51.106	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	104330	60.682	ug/l	94
93) 1,2,4-Trichlorobenzene	15.256	180	339303	44.646	ug/l	98
94) Hexachlorobutadiene	15.362	225	191611	38.667	ug/l	99
95) Naphthalene	15.498	128	1014583	54.232	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	332954	47.422	ug/l	99

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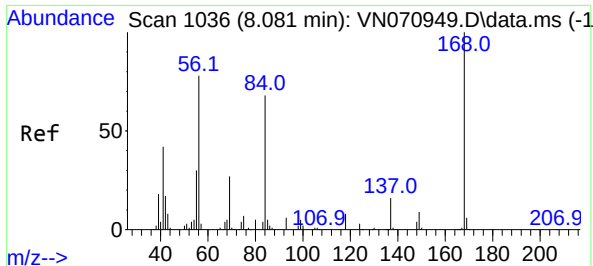
Manual Integrations
APPROVED

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Response via : Initial Calibration

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



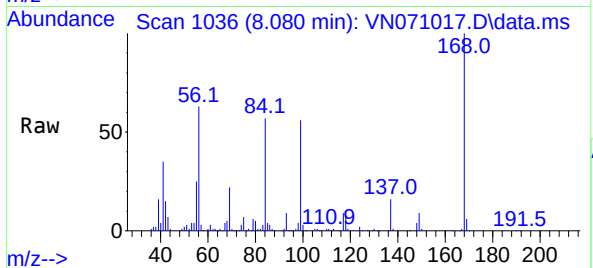
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN071017.D
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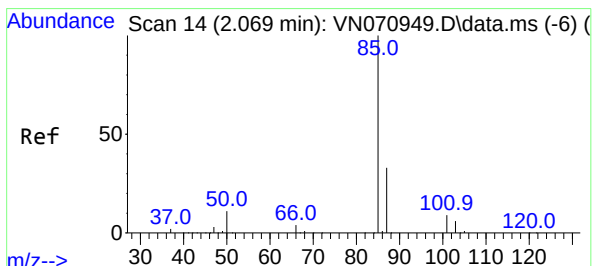
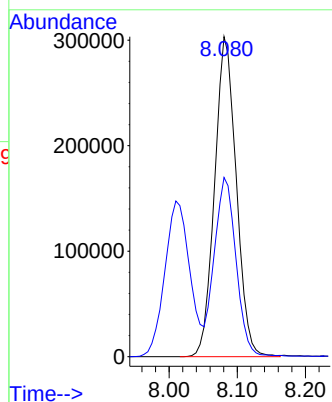


Tgt Ion:168 Resp: 671098
Ion Ratio Lower Upper
168 100
99 55.6 41.3 61.9

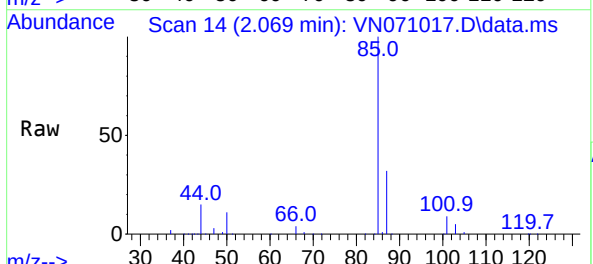
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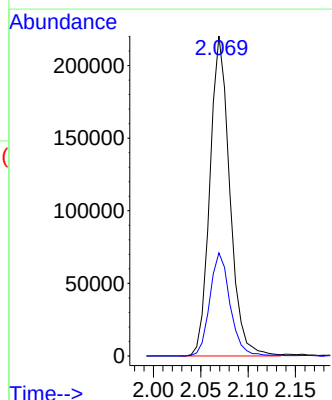
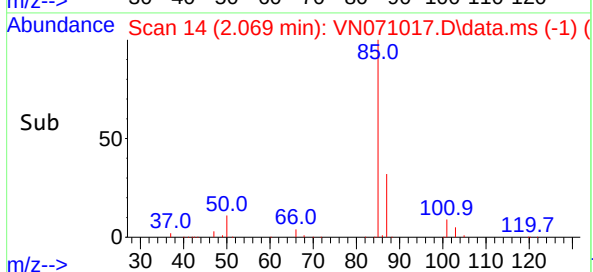
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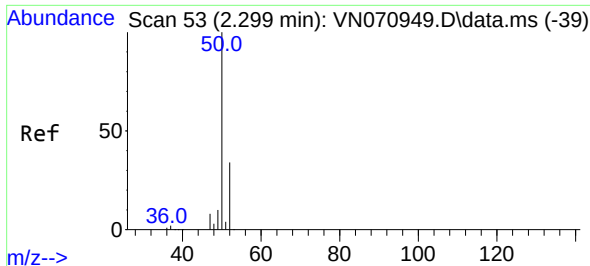


#2
Dichlorodifluoromethane
Concen: 46.187 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51



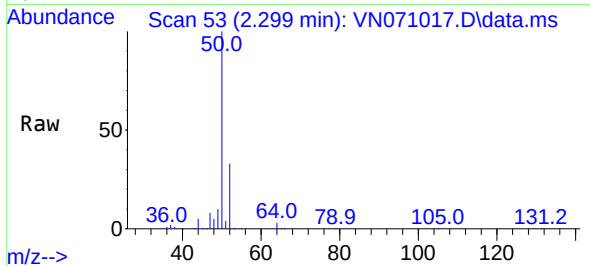
Tgt Ion: 85 Resp: 321938
Ion Ratio Lower Upper
85 100
87 32.2 16.3 48.9





#3
Chloromethane
Concen: 48.847 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

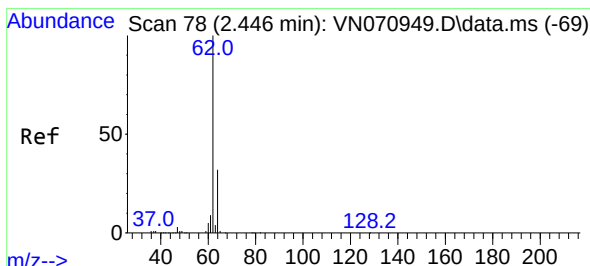
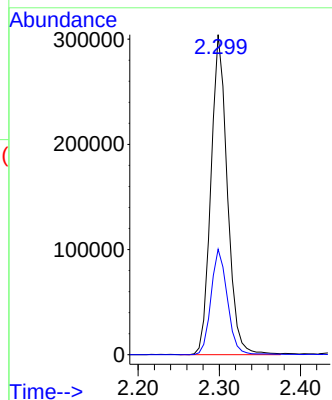
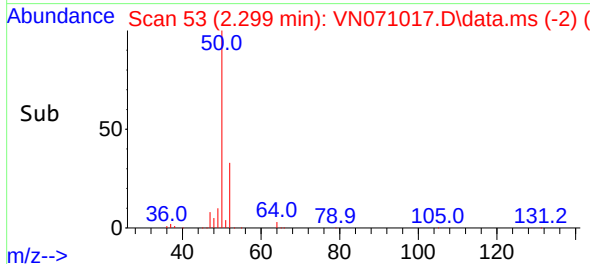
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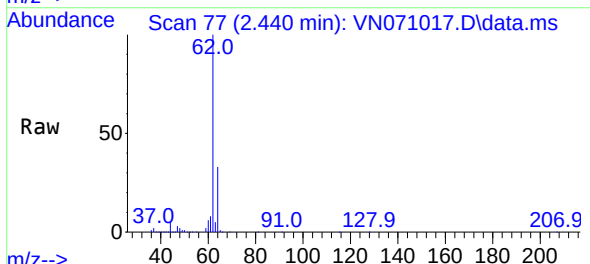
Tgt Ion: 50 Resp: 427962
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.0

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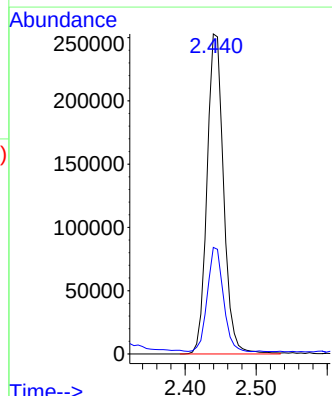
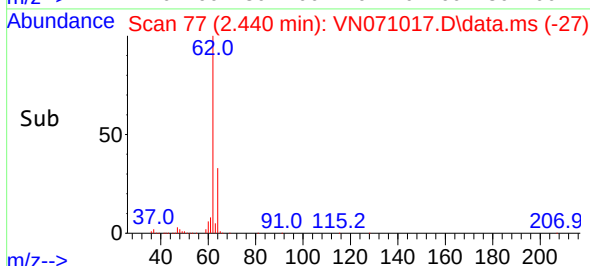
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

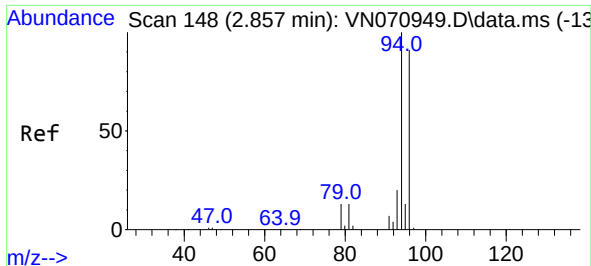


#4
Vinyl Chloride
Concen: 46.803 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51



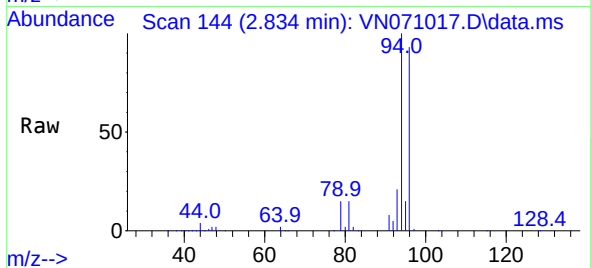
Tgt Ion: 62 Resp: 410476
Ion Ratio Lower Upper
62 100
64 32.4 25.8 38.6





#5
Bromomethane
Concen: 44.066 ug/l
RT: 2.834 min Scan# 14
Delta R.T. -0.024 min
Lab File: VN071017.D
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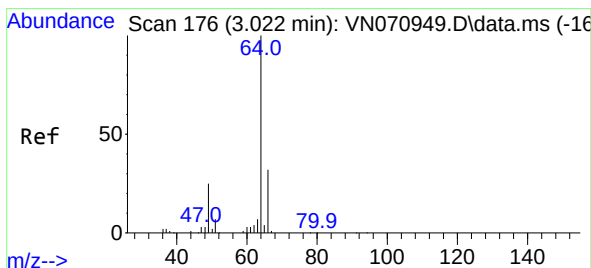
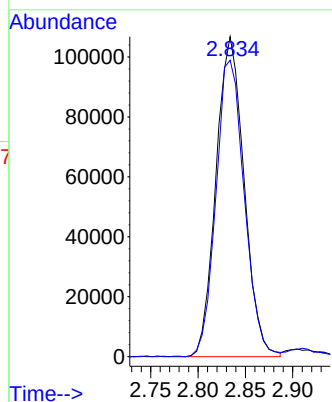
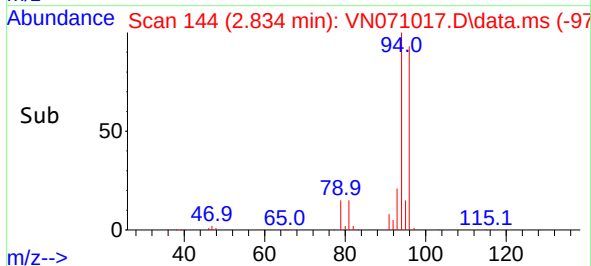
Instrument :
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Tgt Ion: 94 Resp: 21954
Ion Ratio Lower Upper
94 100
96 92.5 73.8 110.8

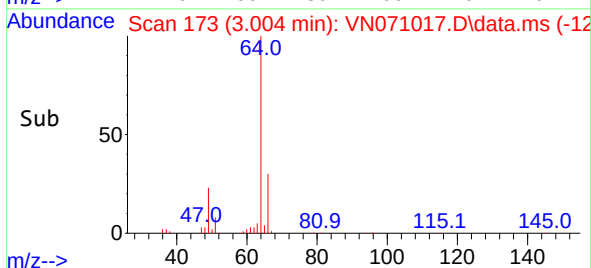
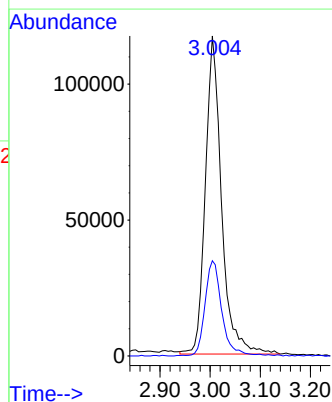
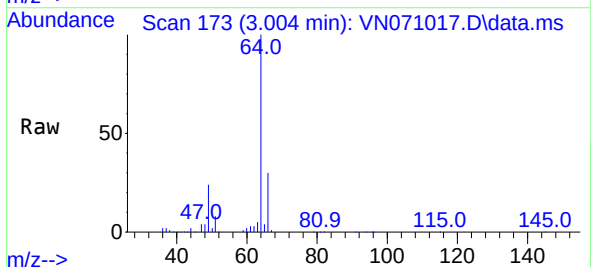
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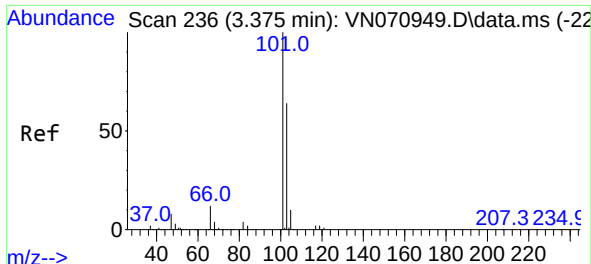
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#6
Chloroethane
Concen: 45.675 ug/l
RT: 3.004 min Scan# 173
Delta R.T. -0.018 min
Lab File: VN071017.D
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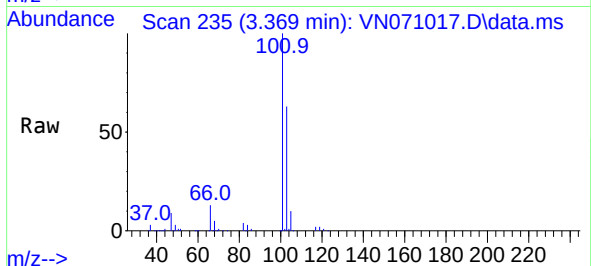
Tgt Ion: 64 Resp: 262802
Ion Ratio Lower Upper
64 100
66 29.8 26.3 39.5





#7
Trichlorofluoromethane
Concen: 49.738 ug/l
RT: 3.369 min Scan# 21
Delta R.T. -0.006 min
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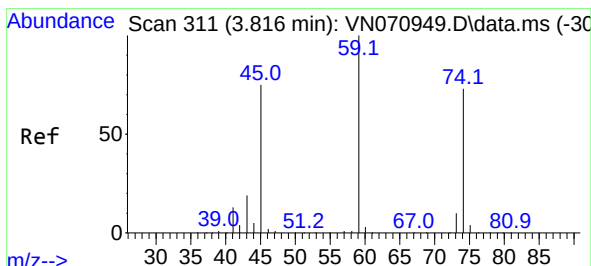
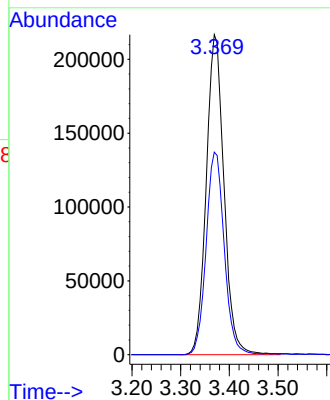
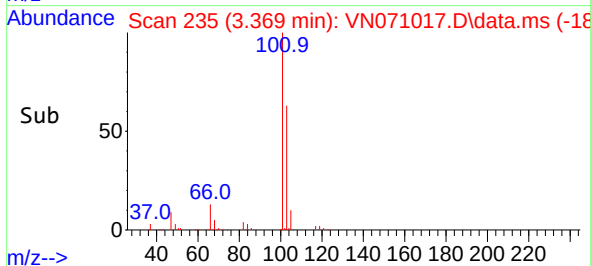
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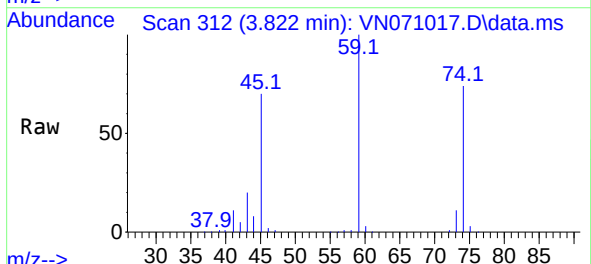
Tgt Ion:101 Resp: 54667
Ion Ratio Lower Upper
101 100
103 63.3 50.1 75.1

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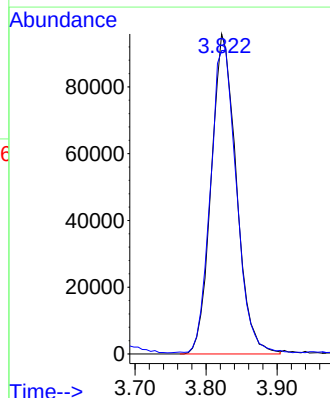
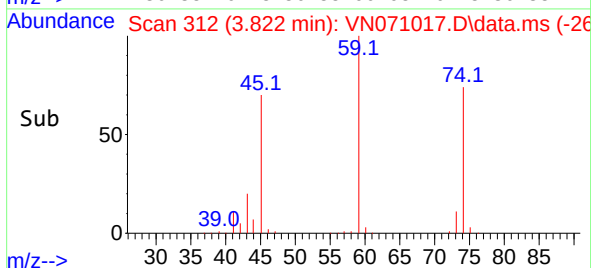
Reviewed By :John Carlone 02/22/2022
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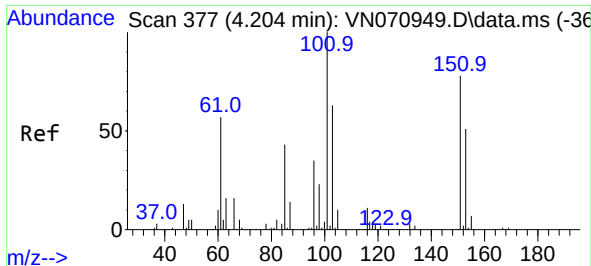


#8
Diethyl Ether
Concen: 49.223 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 235187
Ion Ratio Lower Upper
74 100
45 99.3 47.0 141.2





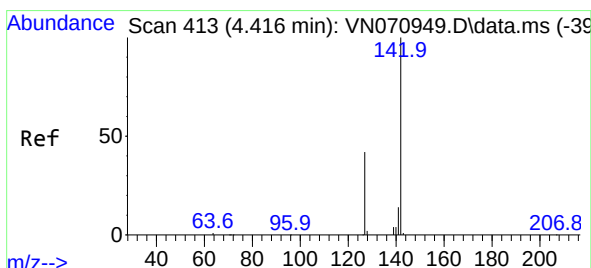
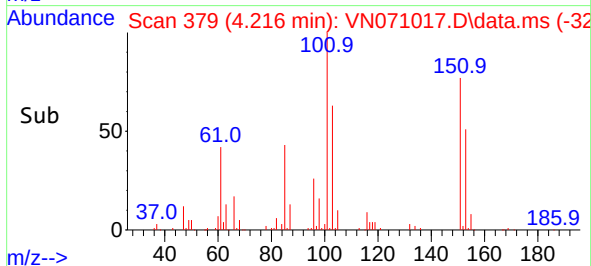
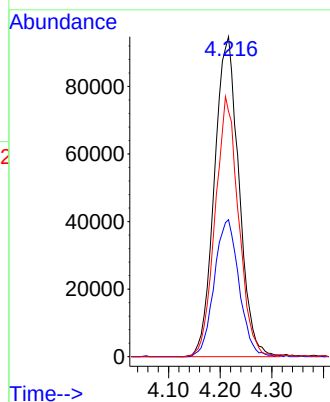
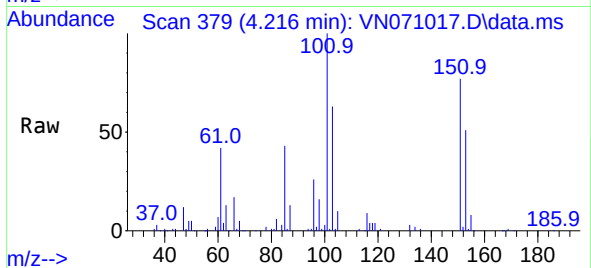
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.267 ug/l
RT: 4.216 min Scan# 311
Delta R.T. 0.012 min
Lab File: VN071017.D
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Instrument :
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Tgt Ion:101 Resp: 31199
Ion Ratio Lower Upper
101 100
85 43.3 37.2 55.8
151 77.6 65.9 98.9

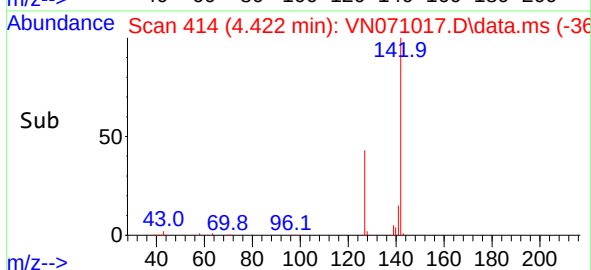
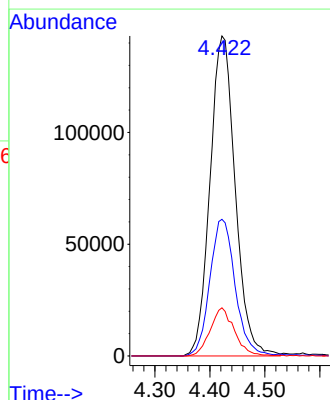
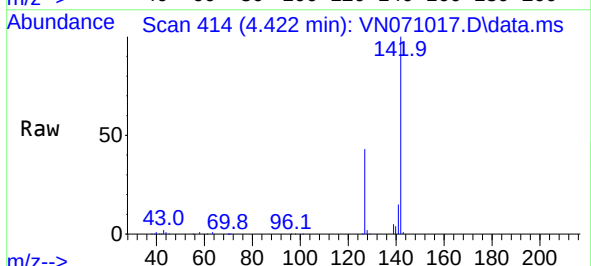
Manual Integrations
APPROVED

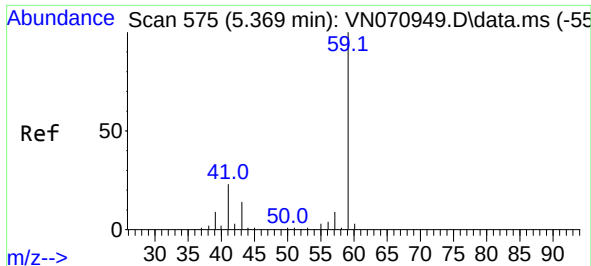
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#10
Methyl Iodide
Concen: 48.823 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

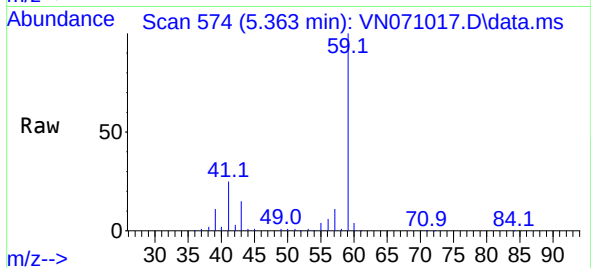
Tgt Ion:142 Resp: 455972
Ion Ratio Lower Upper
142 100
127 43.0 35.4 53.0
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 277.059 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

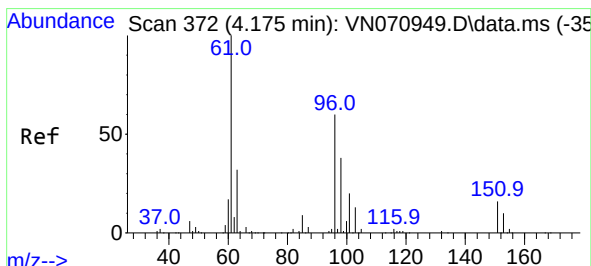
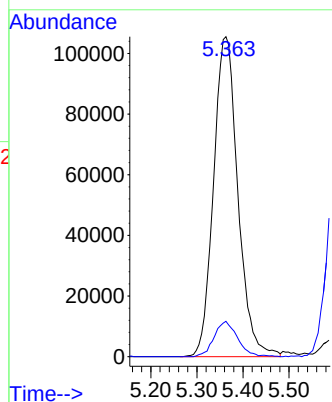
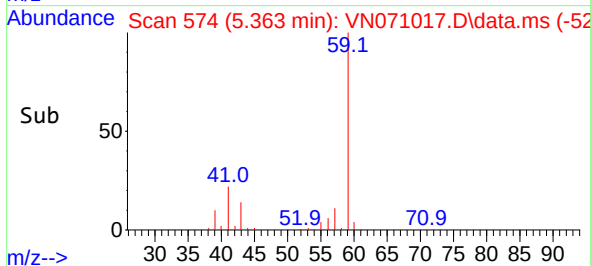
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



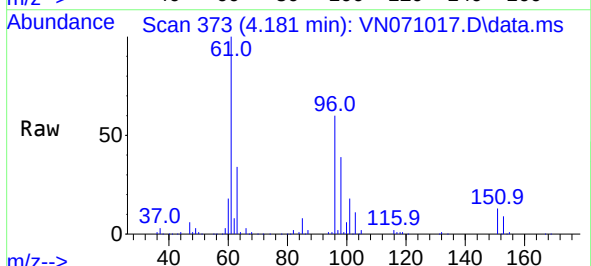
Tgt Ion: 59 Resp: 387078
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

Manual Integrations
APPROVED

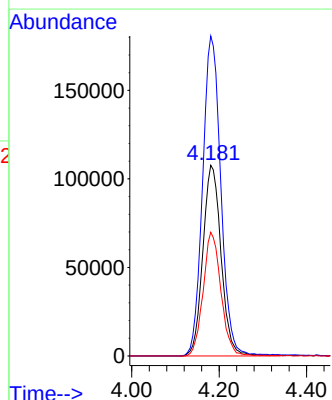
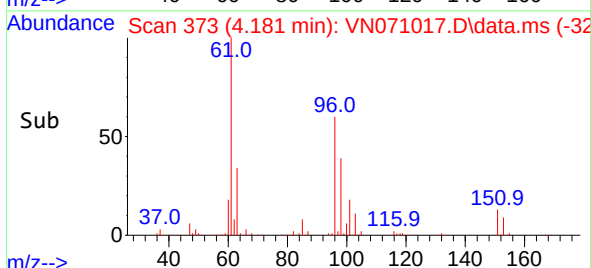
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

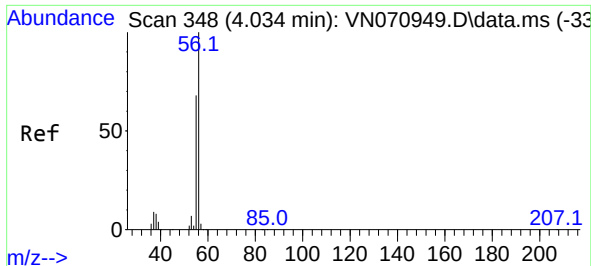


#12
1,1-Dichloroethene
Concen: 47.665 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51



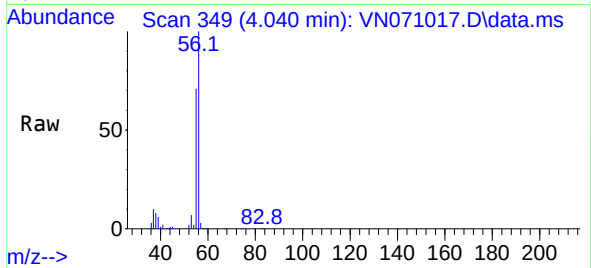
Tgt Ion: 96 Resp: 313161
Ion Ratio Lower Upper
96 100
61 167.8 131.0 196.6
98 64.8 52.4 78.6





#13
Acrolein
Concen: 242.075 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

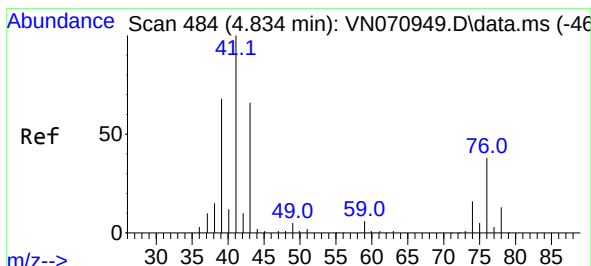
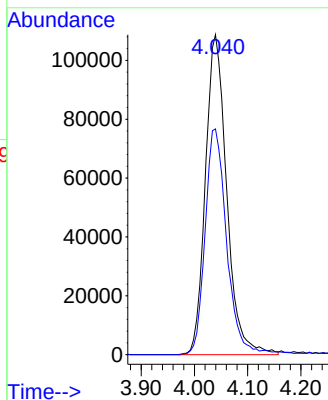
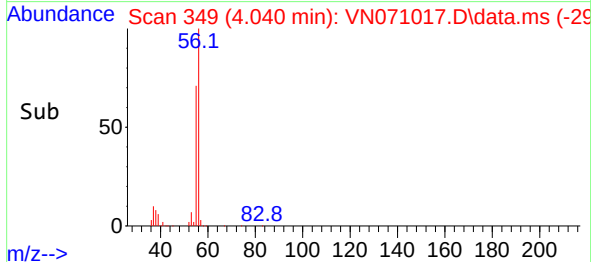
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



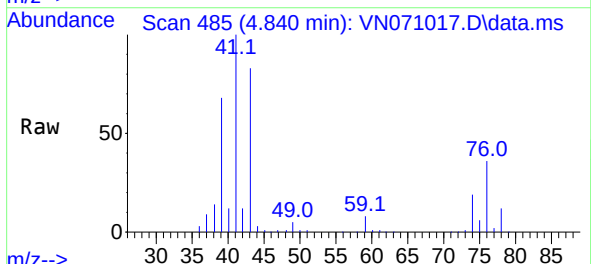
Tgt Ion: 56 Resp: 302209
Ion Ratio Lower Upper
56 100
55 71.8 56.6 85.0

Manual Integrations
APPROVED

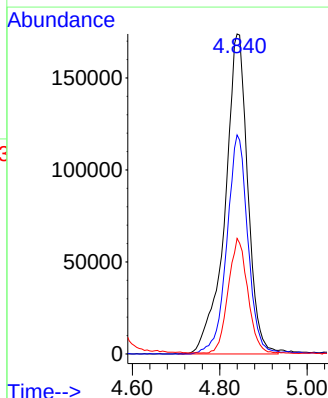
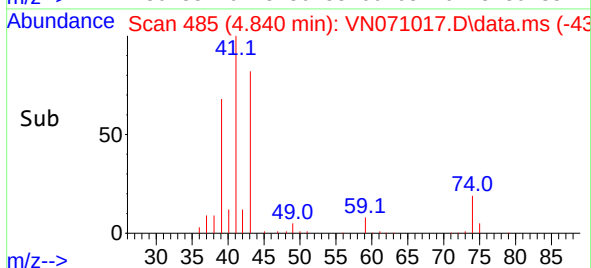
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

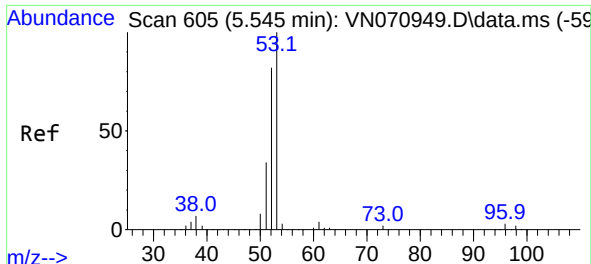


#14
Allyl chloride
Concen: 50.151 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51



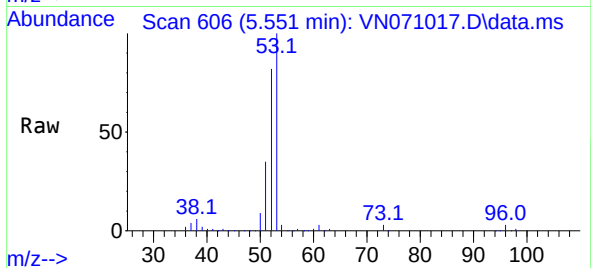
Tgt Ion: 41 Resp: 628406
Ion Ratio Lower Upper
41 100
39 63.2 61.2 91.8
76 30.9 26.0 39.0





#15
Acrylonitrile
Concen: 289.577 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

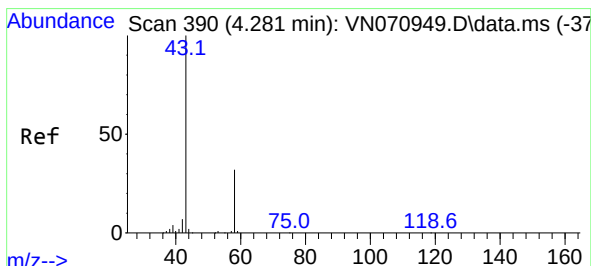
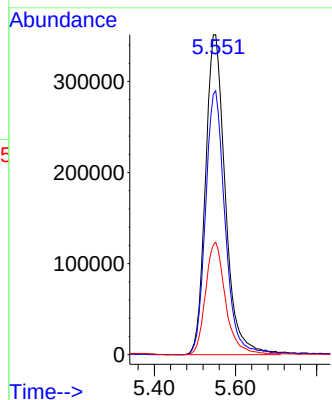
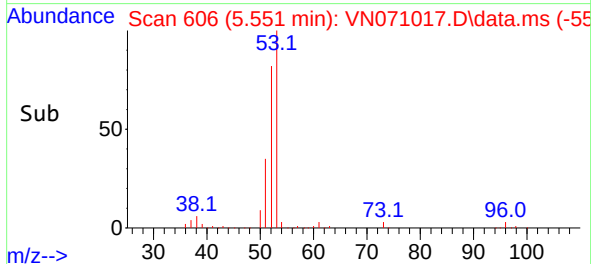
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 119166
Ion Ratio Lower Upper
53 100
52 81.7 66.2 99.2
51 35.5 29.6 44.4

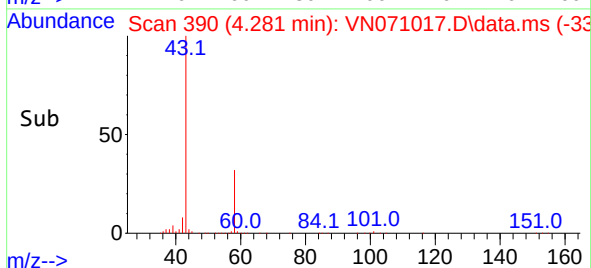
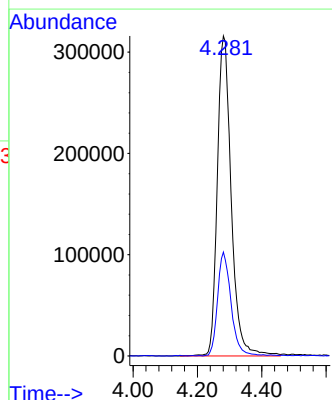
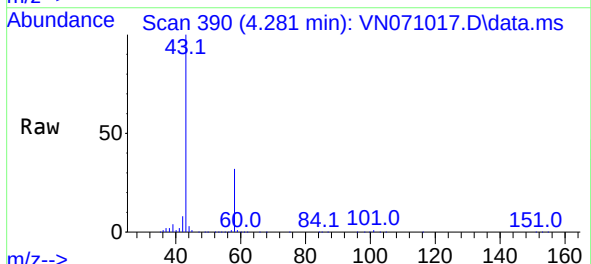
Manual Integrations
APPROVED

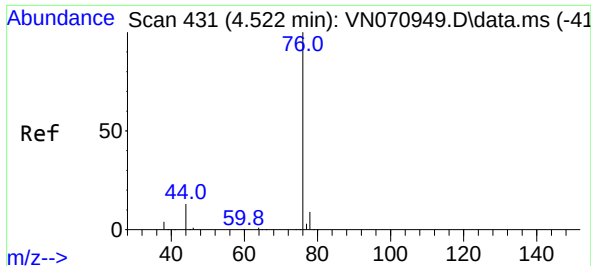
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#16
Acetone
Concen: 224.787 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

Tgt Ion: 43 Resp: 949022
Ion Ratio Lower Upper
43 100
58 32.3 23.1 34.7





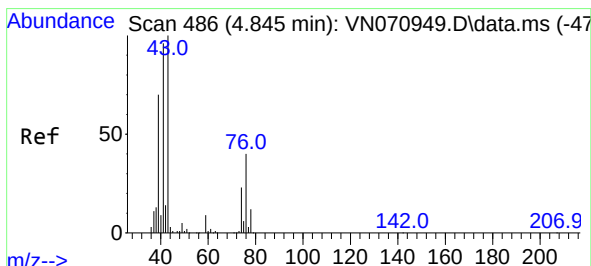
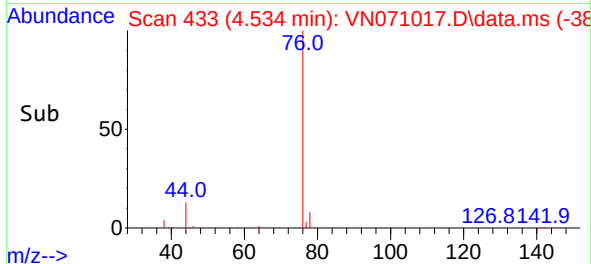
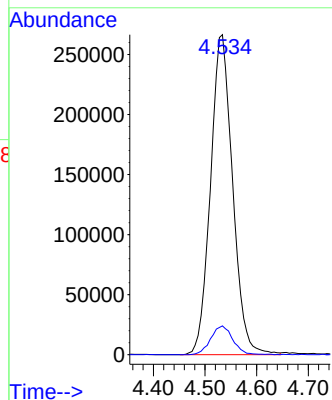
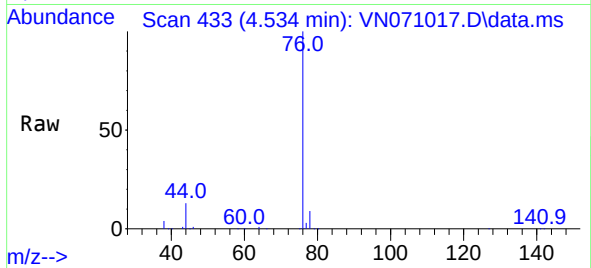
#17
Carbon Disulfide
Concen: 42.060 ug/l
RT: 4.534 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 792440
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

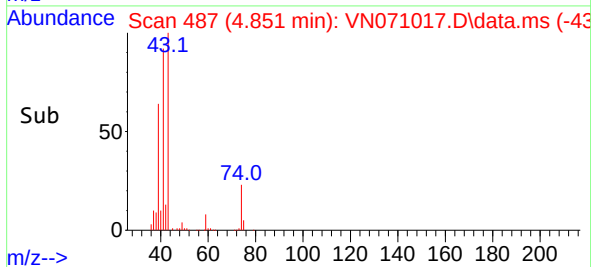
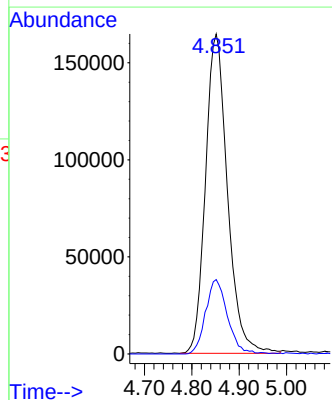
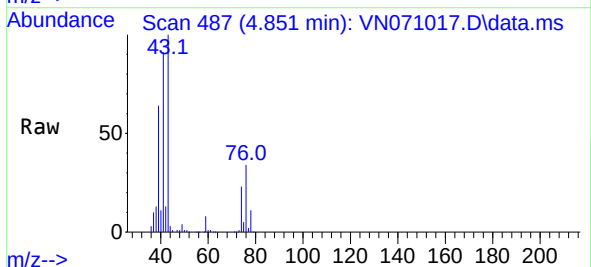
Manual Integrations
APPROVED

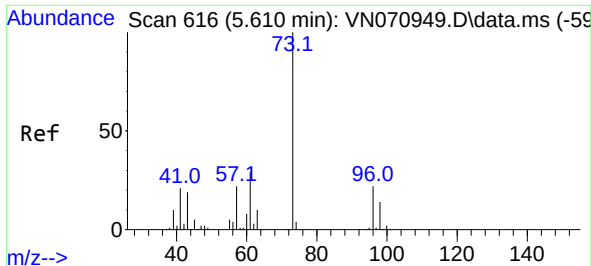
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#18
Methyl Acetate
Concen: 57.489 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

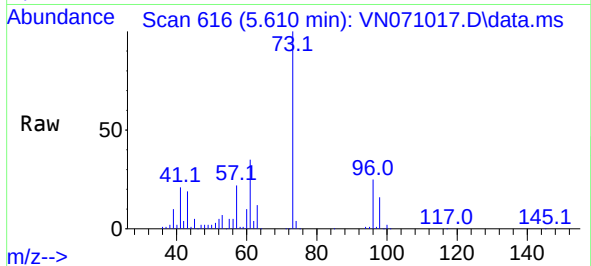
Tgt Ion: 43 Resp: 530610
Ion Ratio Lower Upper
43 100
74 23.0 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 52.966 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

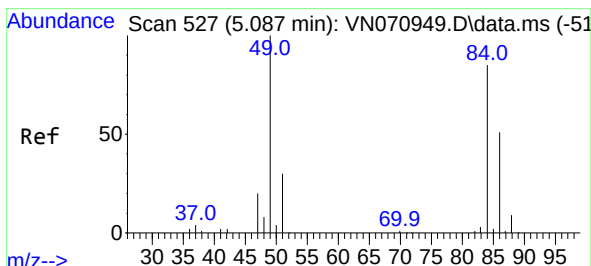
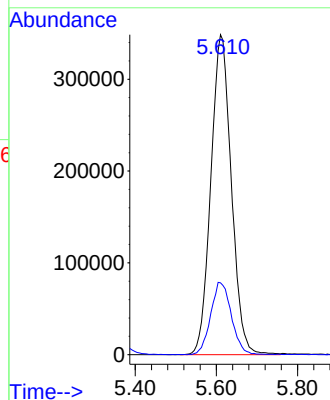
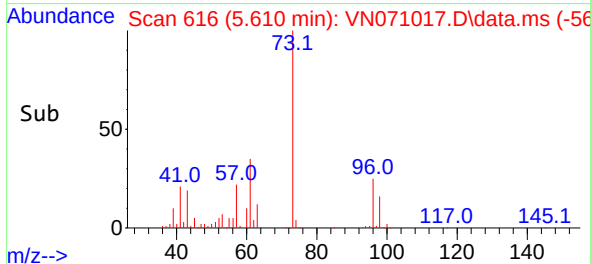
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 122070
Ion Ratio Lower Upper
73 100
57 22.4 16.8 25.2

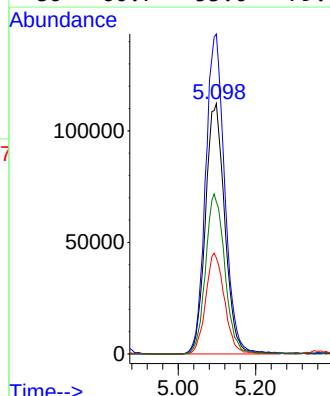
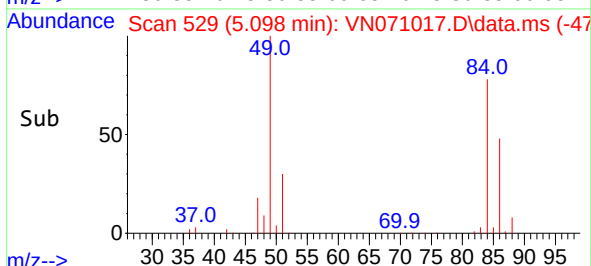
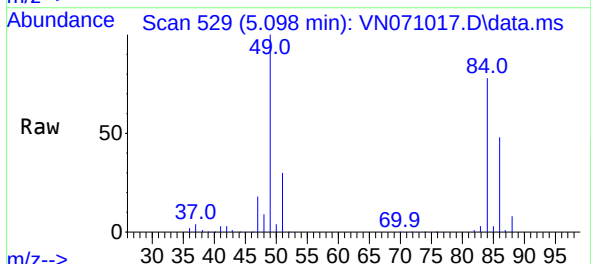
Manual Integrations
APPROVED

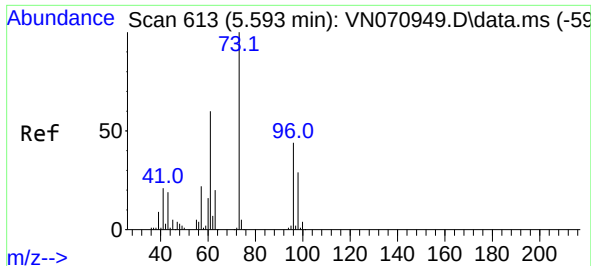
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#20
Methylene Chloride
Concen: 50.686 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.012 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

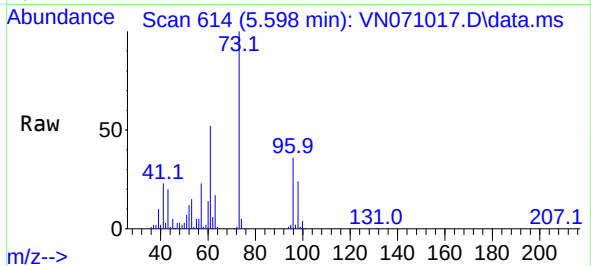
Tgt Ion: 84 Resp: 388909
Ion Ratio Lower Upper
84 100
49 127.8 93.5 140.3
51 38.4 29.4 44.2
86 60.7 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 47.345 ug/l
RT: 5.598 min Scan# 613
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

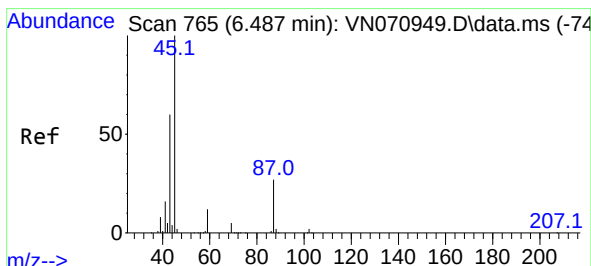
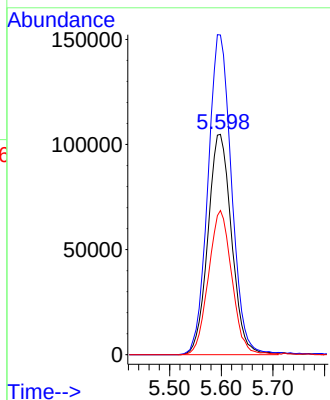
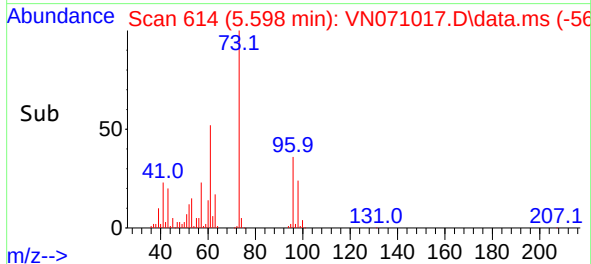
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



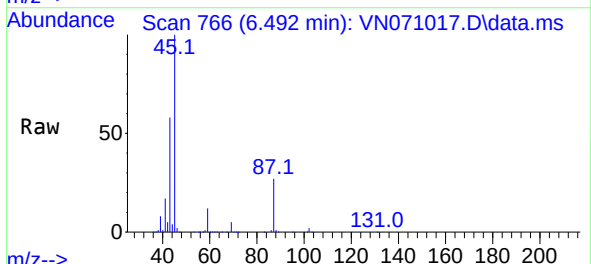
Tgt Ion: 96 Resp: 333869
Ion Ratio Lower Upper
96 100
61 145.1 105.8 158.6
98 65.4 52.0 78.0

Manual Integrations
APPROVED

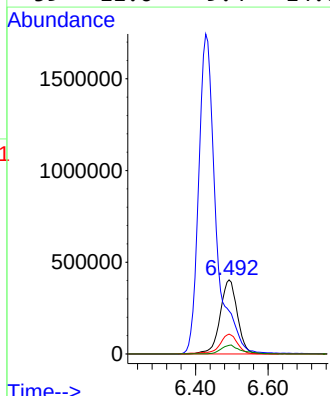
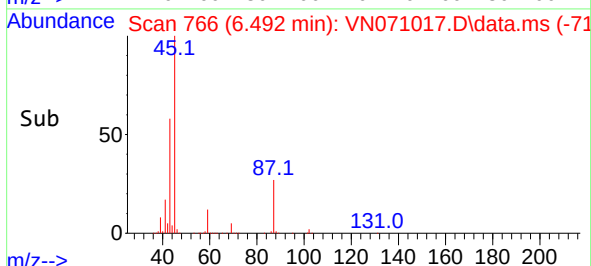
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

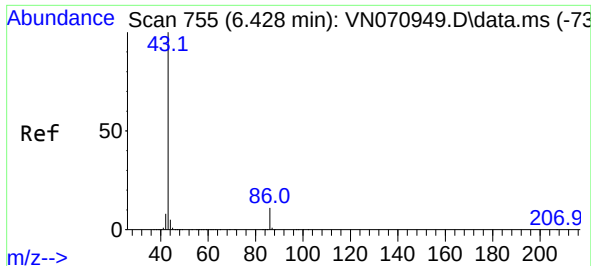


#22
Diisopropyl ether
Concen: 55.492 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51



Tgt Ion: 45 Resp: 1333576
Ion Ratio Lower Upper
45 100
43 58.0 51.7 77.5
87 26.6 23.2 34.8
59 11.6 9.4 14.0





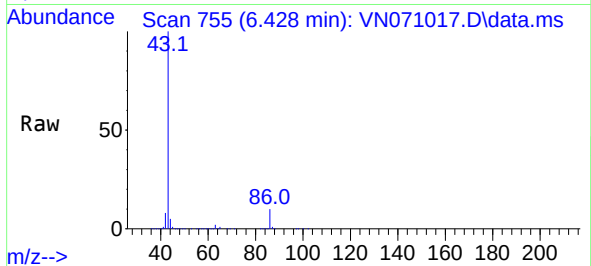
#23
 Vinyl Acetate
 Concen: 282.764 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN071017.D
 Acq: 18 Feb 2022 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

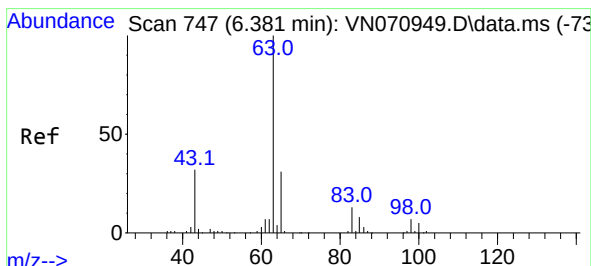
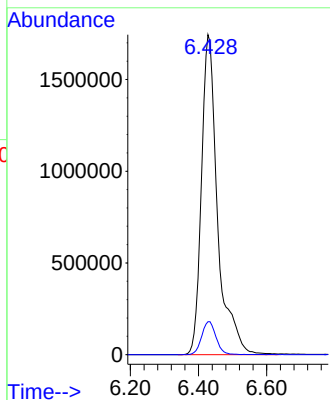
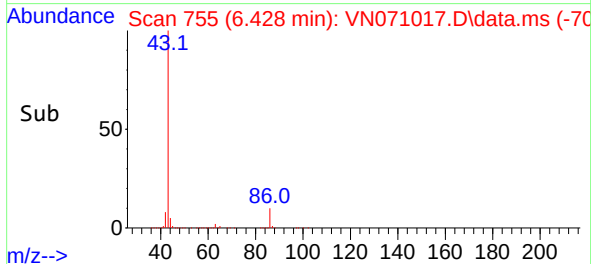


Tgt Ion: 43 Resp: 5752375
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.5 12.7

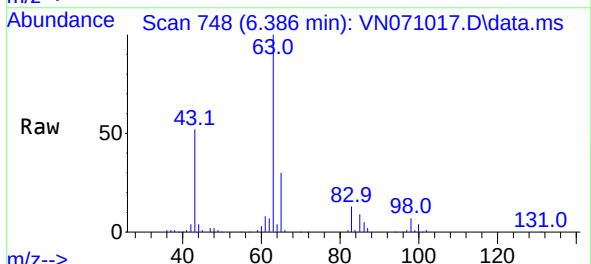
Manual Integrations

APPROVED

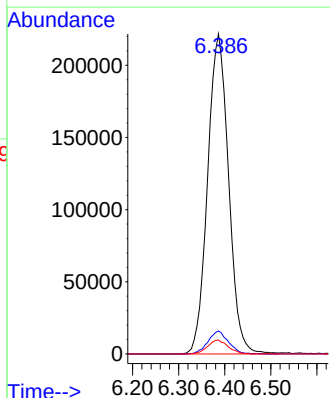
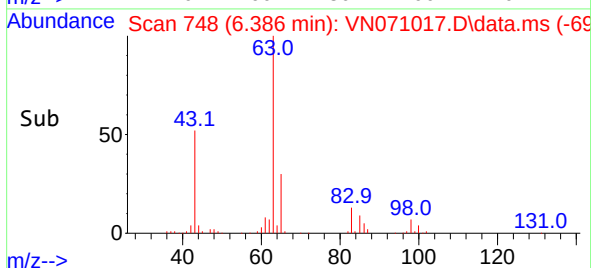
Reviewed By :John Carlone 02/22/2022
 Supervised By :Mahesh Dadoda 02/22/2022

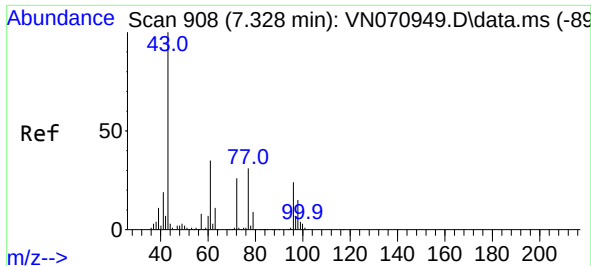


#24
 1,1-Dichloroethane
 Concen: 52.134 ug/l
 RT: 6.386 min Scan# 748
 Delta R.T. 0.006 min
 Lab File: VN071017.D
 Acq: 18 Feb 2022 21:51



Tgt Ion: 63 Resp: 702340
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.9
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 285.298 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN071017.D

Acq: 18 Feb 2022 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1602324

Ion Ratio Lower Upper

43 100

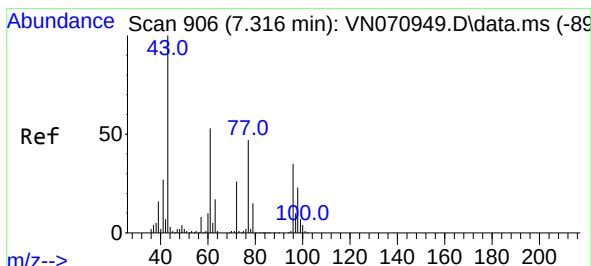
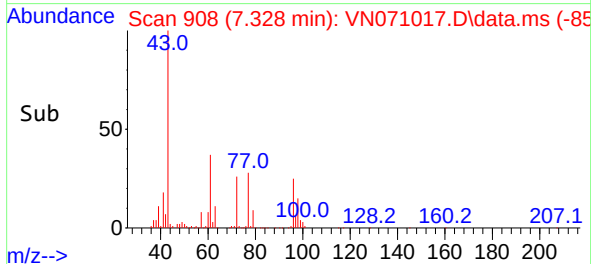
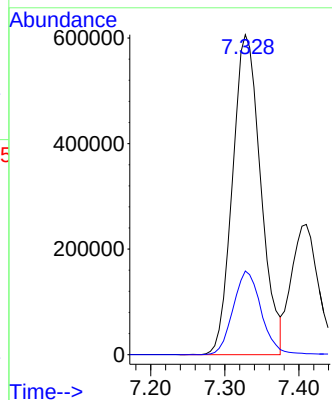
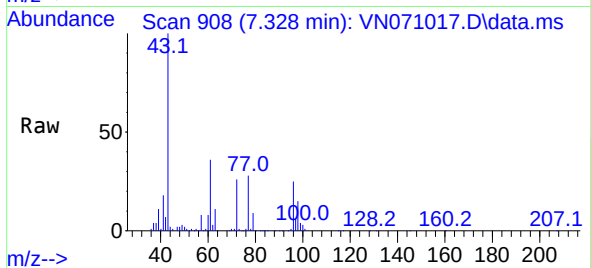
72 26.1 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#26

2,2-Dichloropropane

Concen: 45.892 ug/l

RT: 7.322 min Scan# 907

Delta R.T. 0.006 min

Lab File: VN071017.D

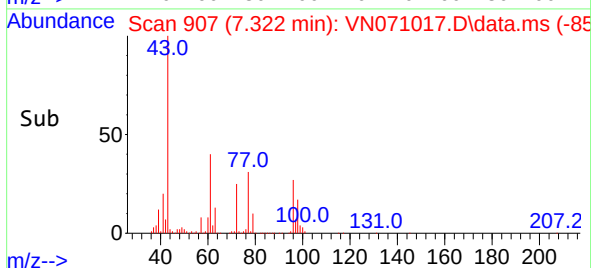
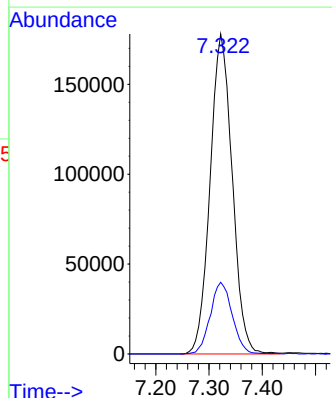
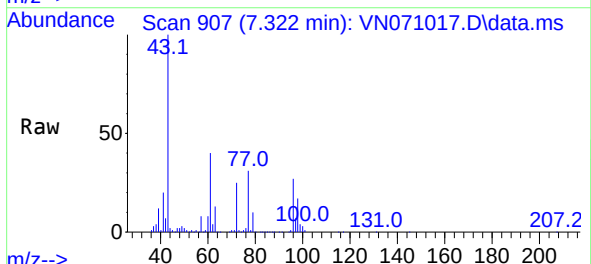
Acq: 18 Feb 2022 21:51

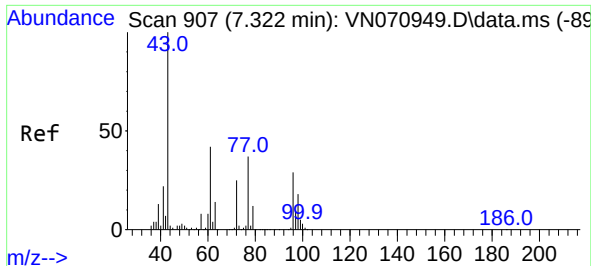
Tgt Ion: 77 Resp: 513826

Ion Ratio Lower Upper

77 100

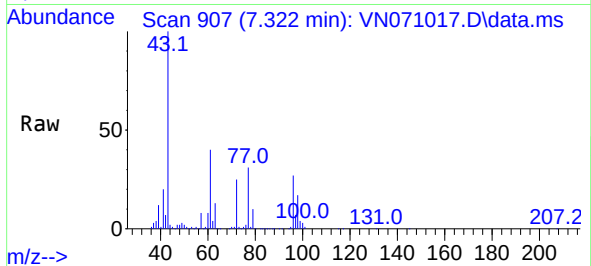
97 22.3 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 51.000 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

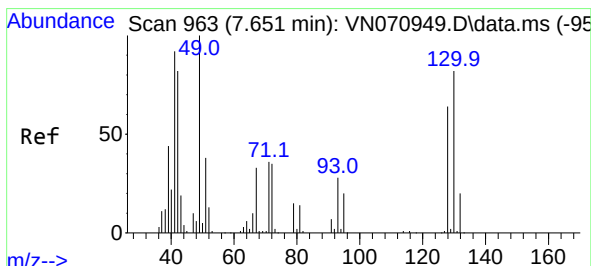
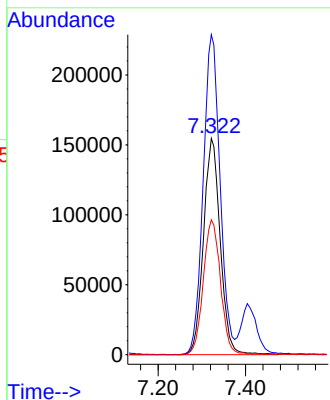
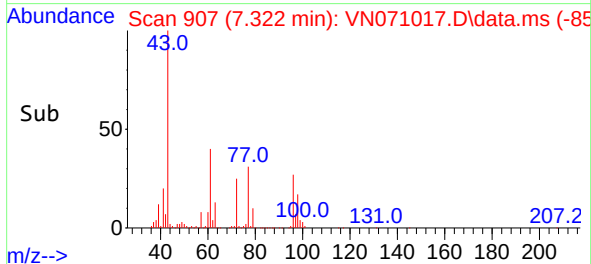
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



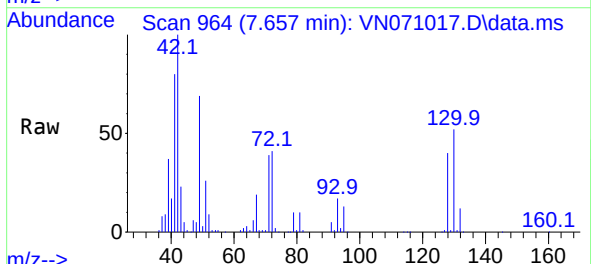
Tgt Ion: 96 Resp: 41334
Ion Ratio Lower Upper
96 100
61 148.6 0.0 275.0
98 63.8 0.0 129.6

Manual Integrations
APPROVED

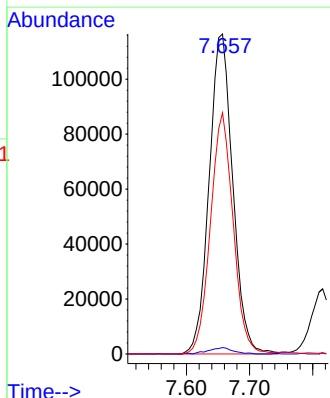
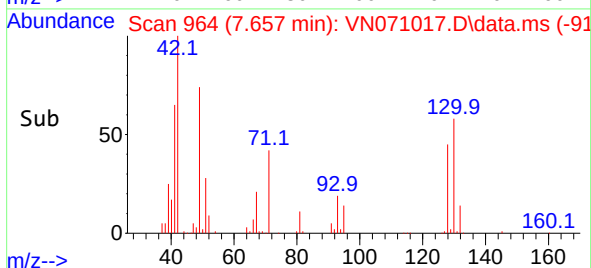
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

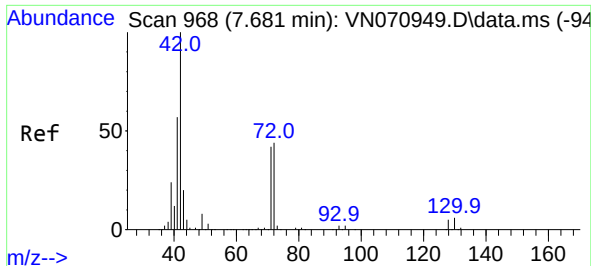


#28
Bromochloromethane
Concen: 55.450 ug/l
RT: 7.657 min Scan# 964
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51



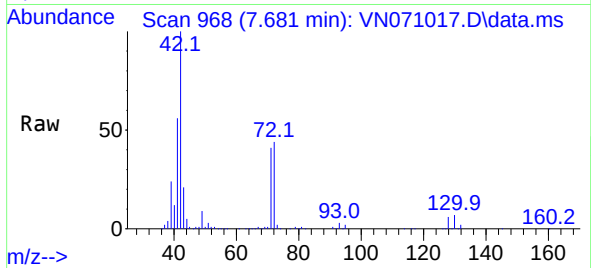
Tgt Ion: 49 Resp: 302345
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 72.3 67.8 101.8





#29
Tetrahydrofuran
Concen: 296.677 ug/l
RT: 7.681 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

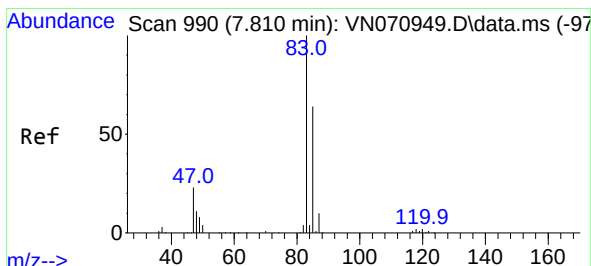
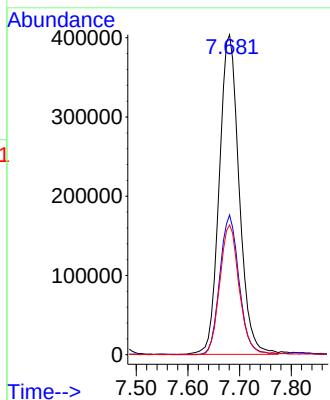
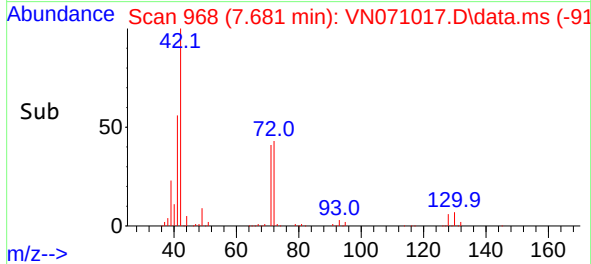
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



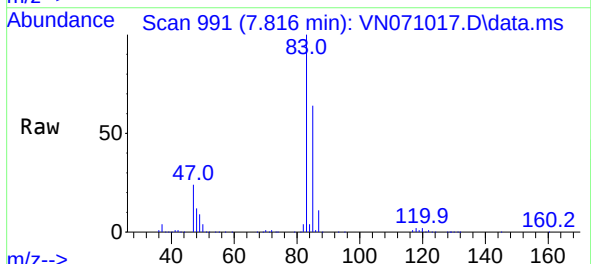
Tgt Ion: 42 Resp: 107941
Ion Ratio Lower Upper
42 100
72 42.4 36.3 54.5
71 39.8 34.7 52.1

Manual Integrations
APPROVED

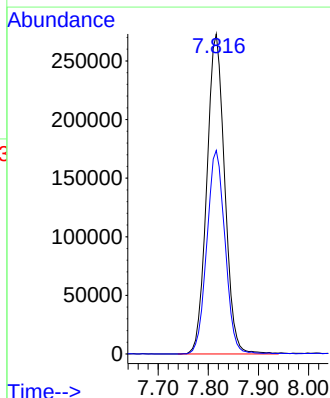
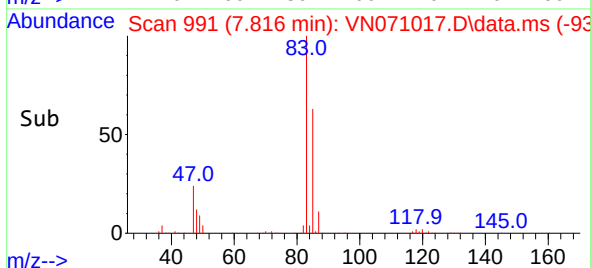
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

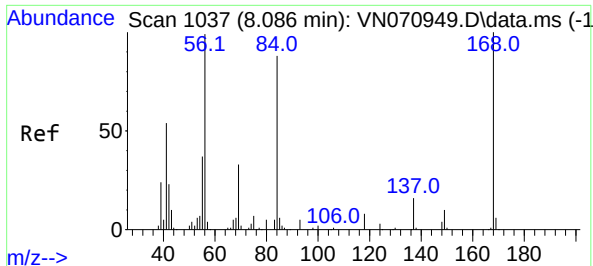


#30
Chloroform
Concen: 51.075 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51



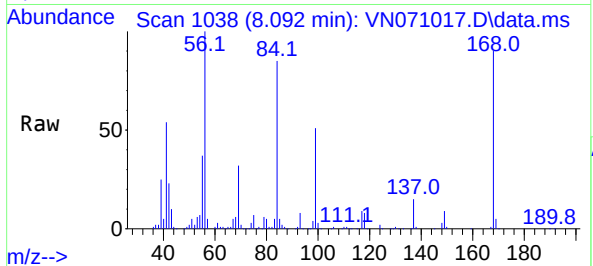
Tgt Ion: 83 Resp: 676751
Ion Ratio Lower Upper
83 100
85 63.6 51.9 77.9





#31
Cyclohexane
Concen: 49.001 ug/l
RT: 8.092 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

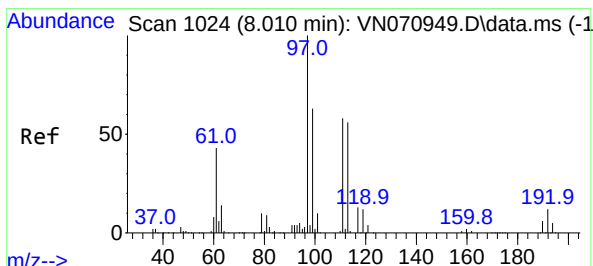
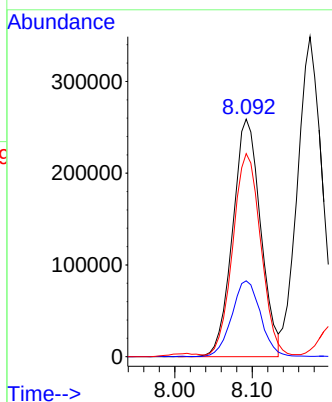
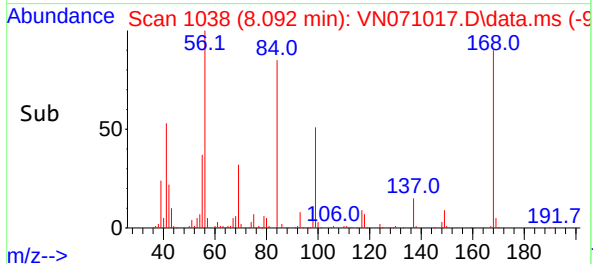
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



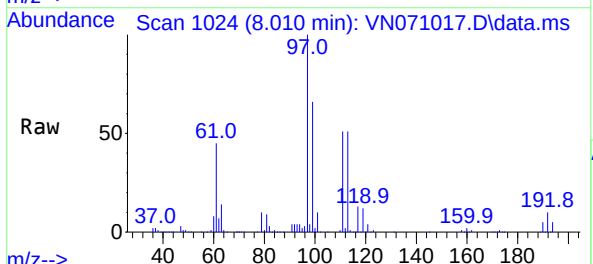
Tgt Ion: 56 Resp: 64967
Ion Ratio Lower Upper
56 100
69 31.8 27.1 40.7
84 84.2 73.4 110.0

Manual Integrations
APPROVED

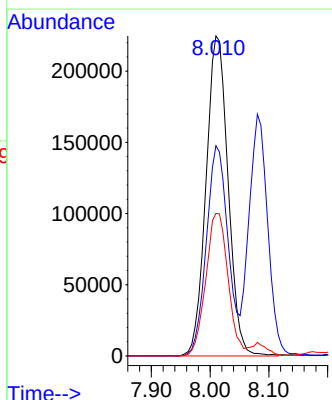
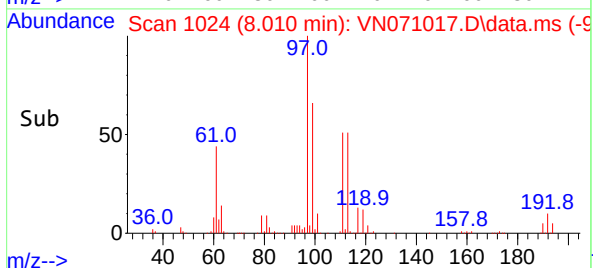
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

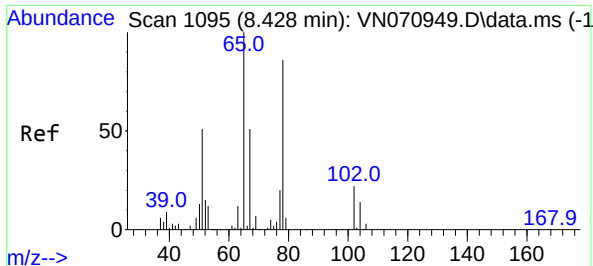


#32
1,1,1-Trichloroethane
Concen: 51.167 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51



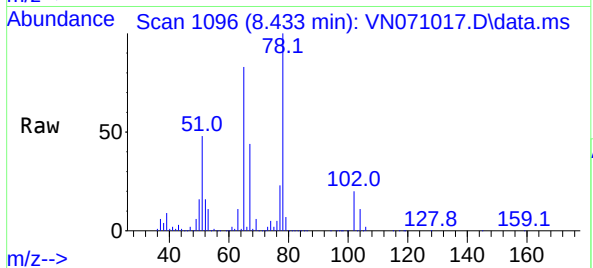
Tgt Ion: 97 Resp: 585483
Ion Ratio Lower Upper
97 100
99 65.2 50.1 75.1
61 45.1 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 50.836 ug/l
RT: 8.433 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

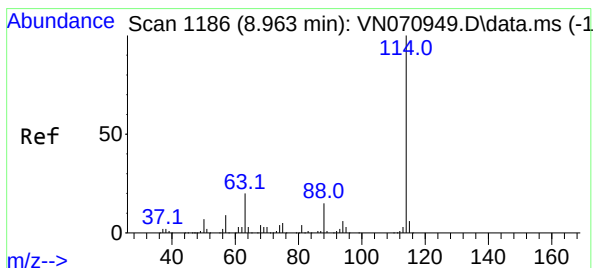
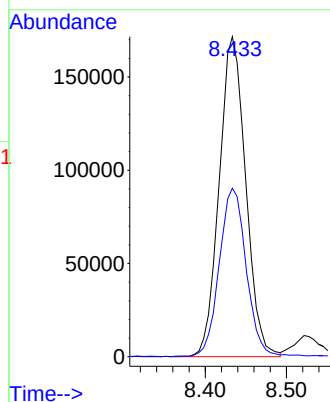
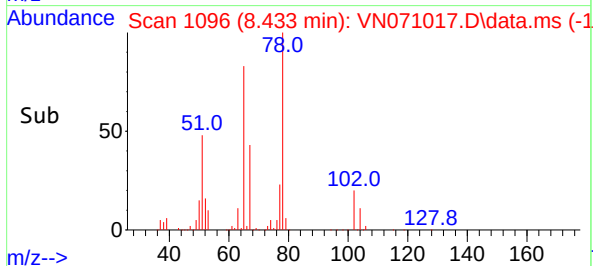
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 65 Resp: 38971
Ion Ratio Lower Upper
65 100
67 53.8 0.0 103.0

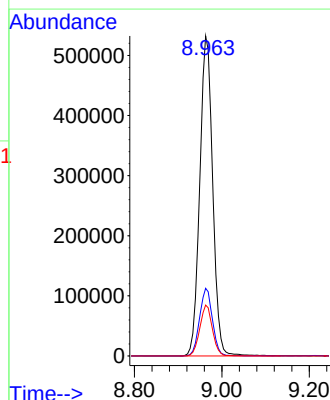
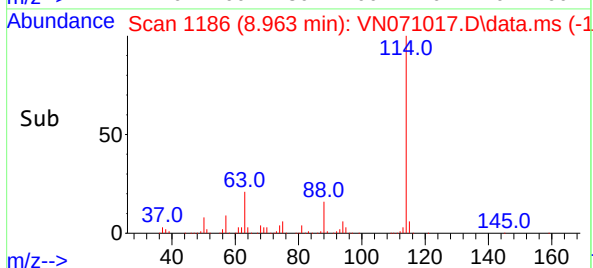
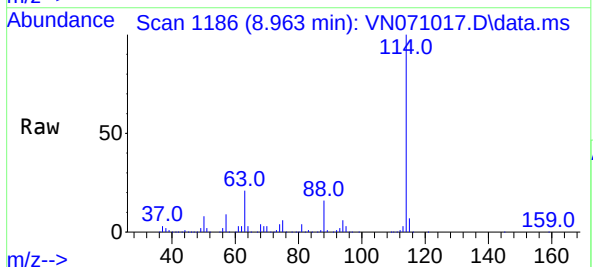
Manual Integrations
APPROVED

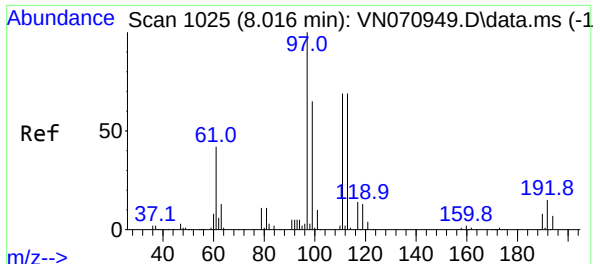
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

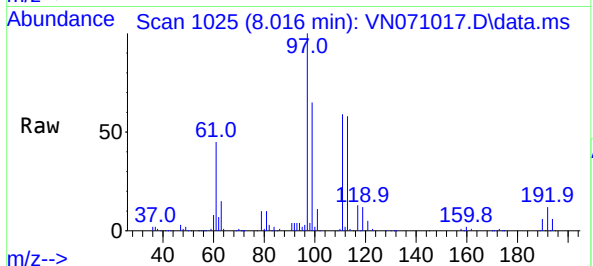
Tgt Ion:114 Resp: 1098062
Ion Ratio Lower Upper
114 100
63 21.2 0.0 37.8
88 15.9 0.0 27.4





#35
Dibromofluoromethane
Concen: 47.259 ug/l
RT: 8.016 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

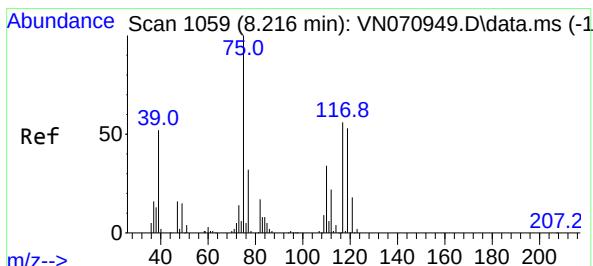
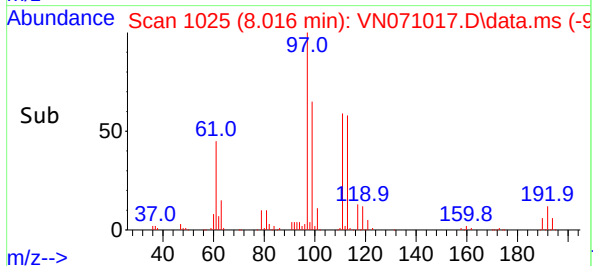
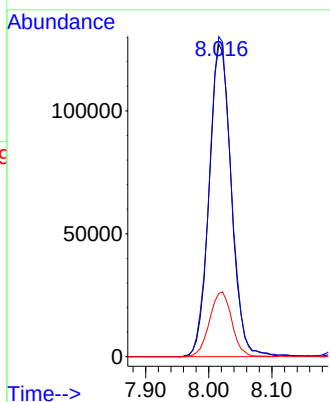
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 30866
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 21.0 16.9 25.3

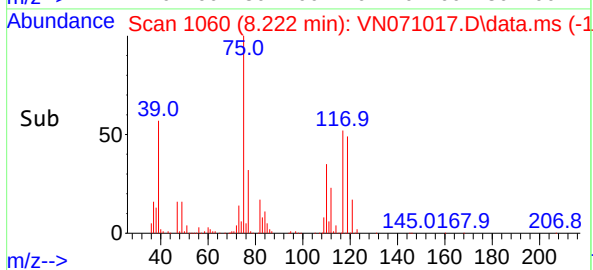
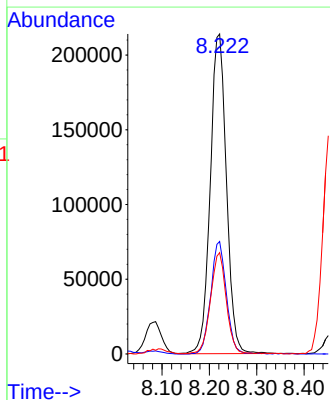
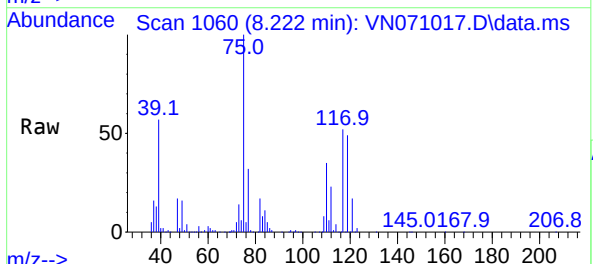
Manual Integrations
APPROVED

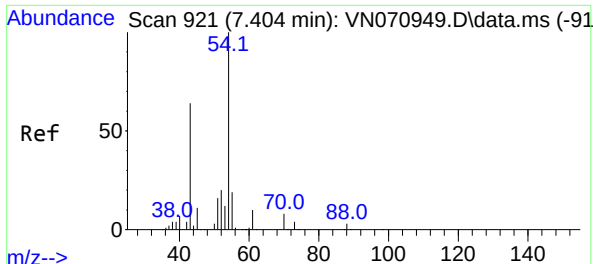
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#36
1,1-Dichloropropene
Concen: 47.412 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

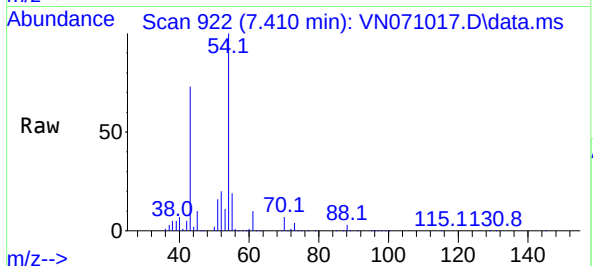
Tgt Ion: 75 Resp: 507325
Ion Ratio Lower Upper
75 100
110 33.8 18.4 55.2
77 30.7 24.4 36.6





#37
Ethyl Acetate
Concen: 56.420 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

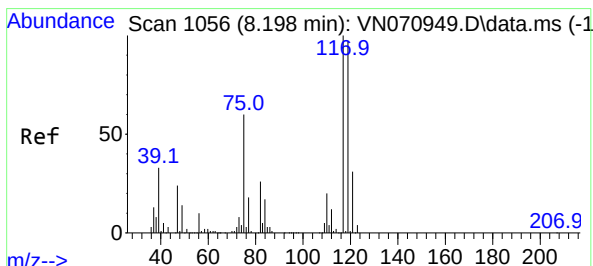
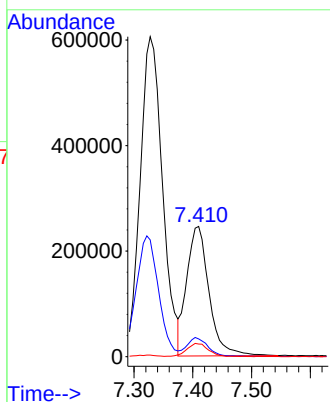
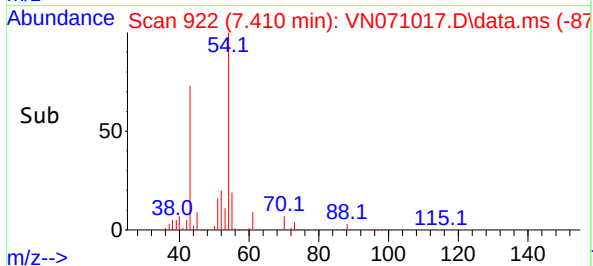
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 64746
Ion Ratio Lower Upper
43 100
61 13.7 11.5 17.3
70 9.9 7.9 11.9

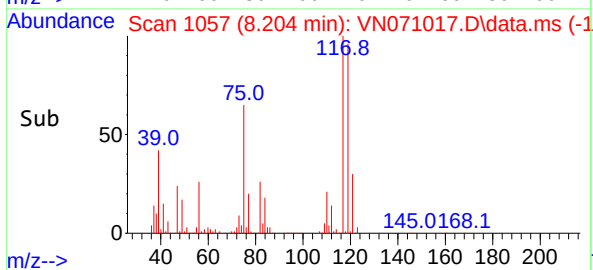
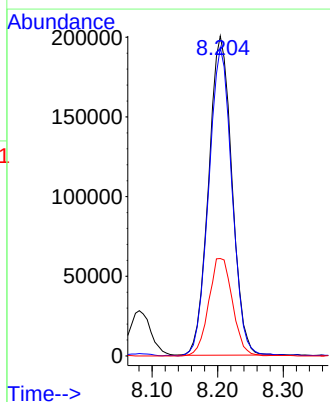
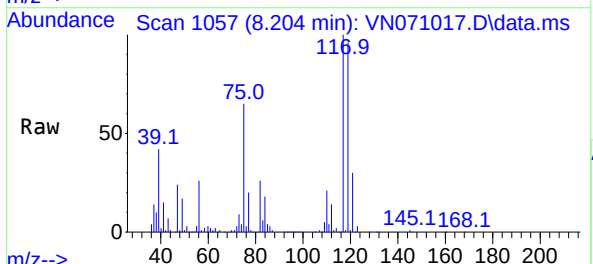
Manual Integrations
APPROVED

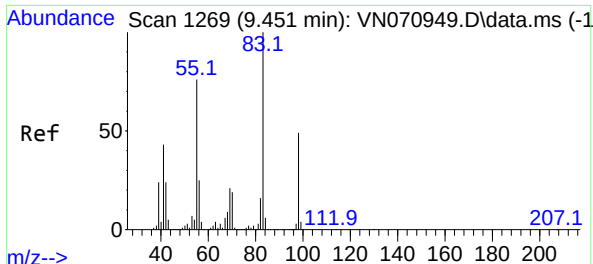
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#38
Carbon Tetrachloride
Concen: 46.791 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

Tgt Ion:117 Resp: 493323
Ion Ratio Lower Upper
117 100
119 96.7 76.1 114.1
121 30.6 24.2 36.2





#39

Methylcyclohexane

Concen: 45.461 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN071017.D

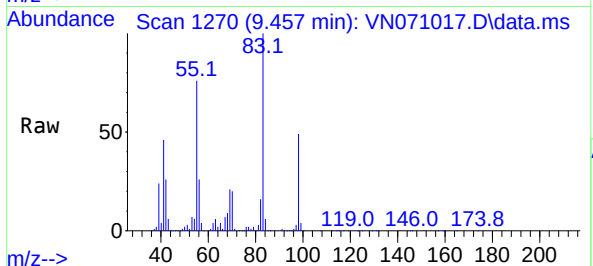
Acq: 18 Feb 2022 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 83 Resp: 625944

Ion Ratio Lower Upper

83 100

55 76.0 58.1 87.1

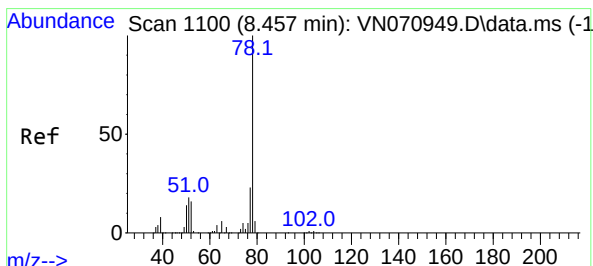
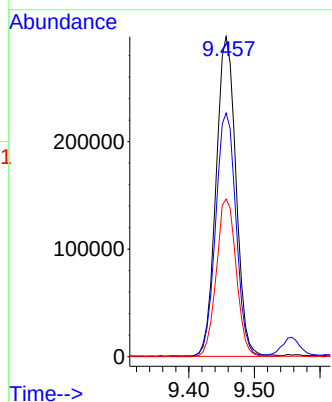
98 49.3 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#40

Benzene

Concen: 49.307 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN071017.D

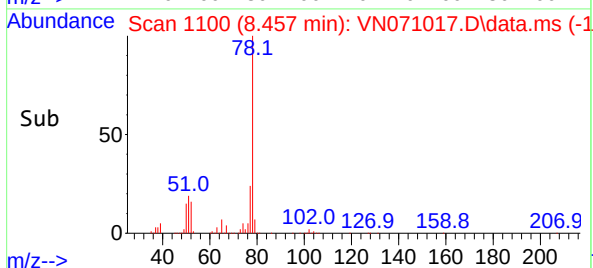
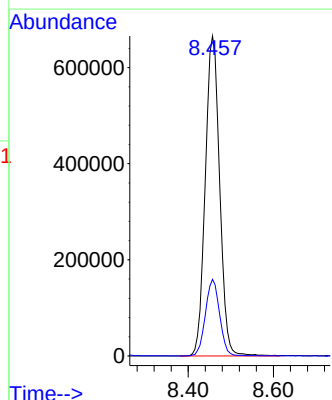
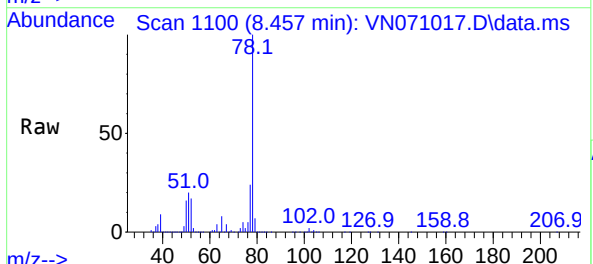
Acq: 18 Feb 2022 21:51

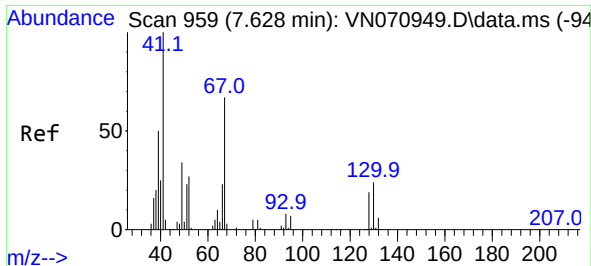
Tgt Ion: 78 Resp: 1560650

Ion Ratio Lower Upper

78 100

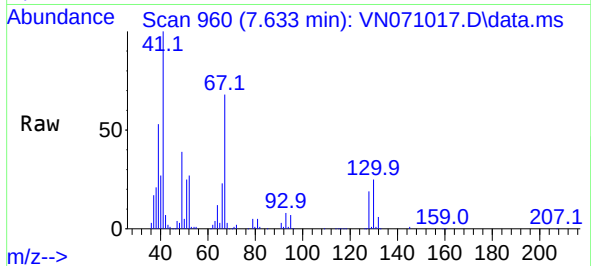
77 23.9 18.6 27.8





#41
Methacrylonitrile
Concen: 57.813 ug/l
RT: 7.633 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

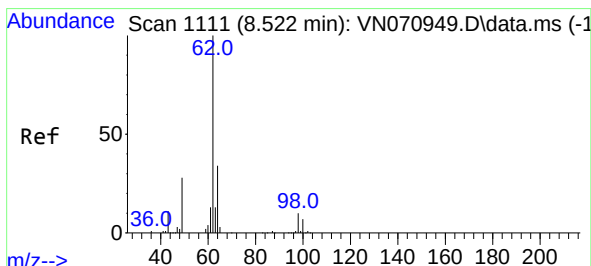
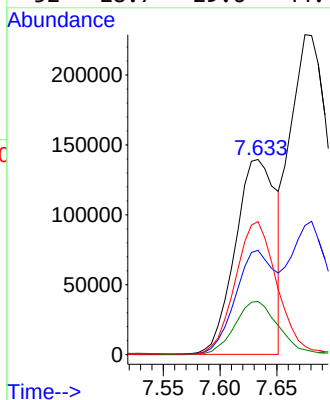
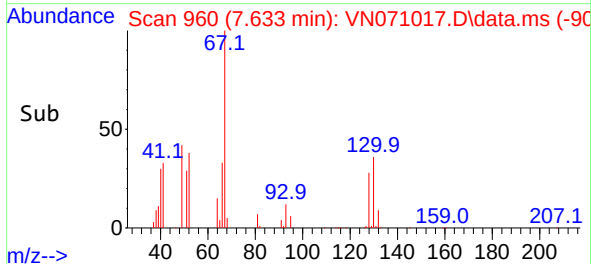
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 349420
Ion Ratio Lower Upper
41 100
39 51.8 48.1 72.1
67 70.6 68.3 102.5
52 28.7 29.6 44.4#

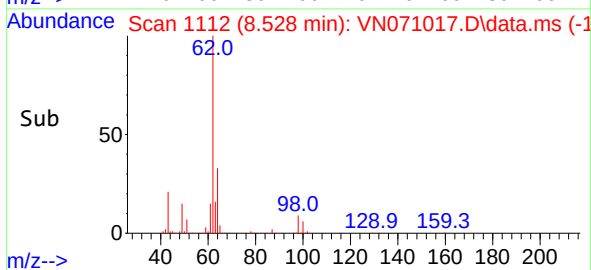
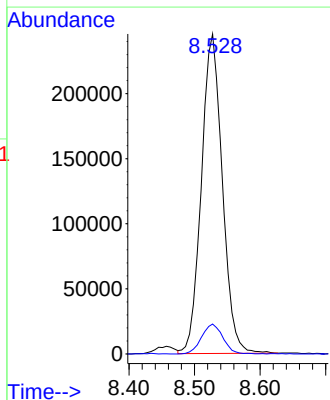
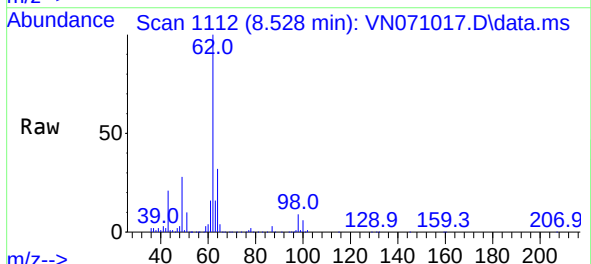
Manual Integrations
APPROVED

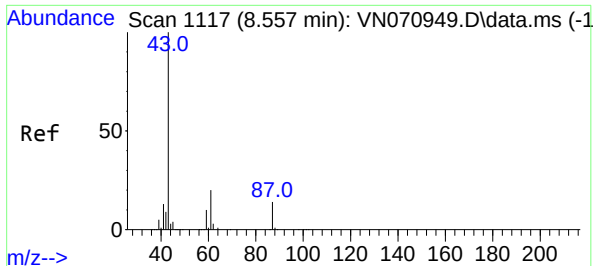
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#42
1,2-Dichloroethane
Concen: 50.616 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

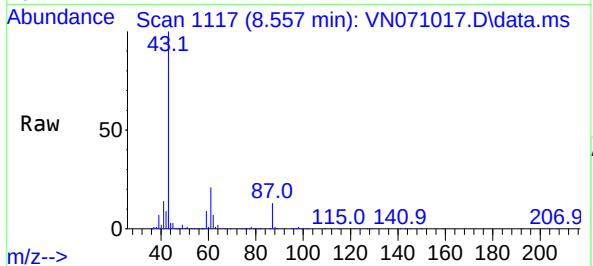
Tgt Ion: 62 Resp: 545637
Ion Ratio Lower Upper
62 100
98 9.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 55.711 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

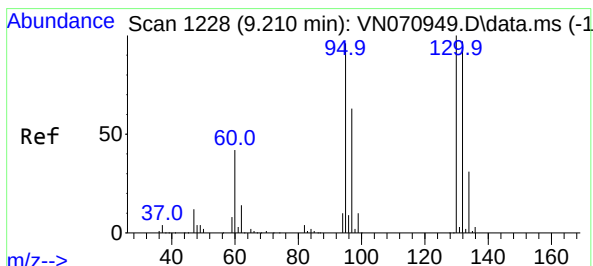
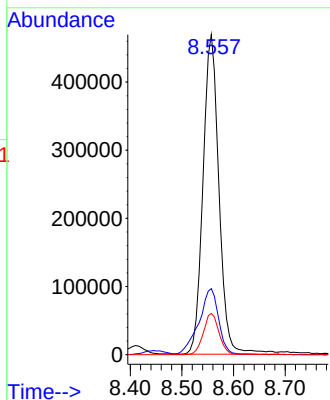
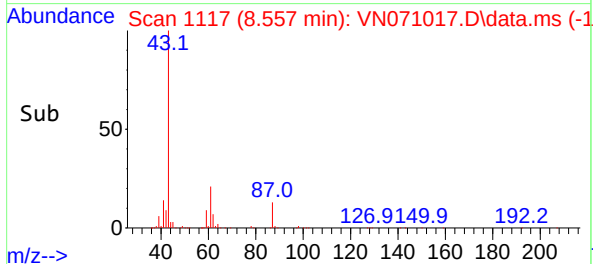
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1007728
Ion Ratio Lower Upper
43 100
61 25.4 20.4 30.6
87 12.7 11.2 16.8

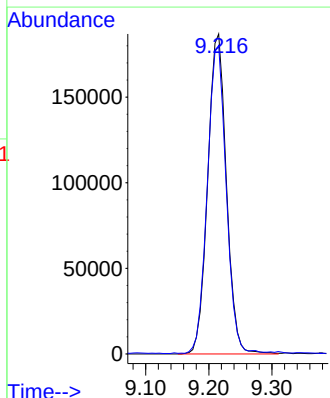
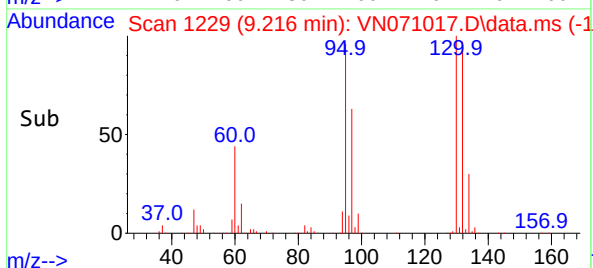
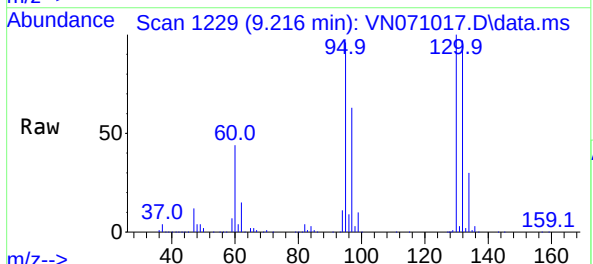
Manual Integrations
APPROVED

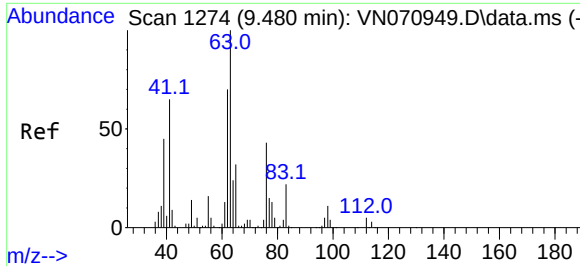
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#44
Trichloroethene
Concen: 46.094 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

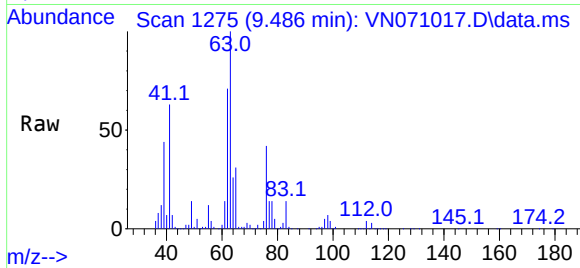
Tgt Ion:130 Resp: 384180
Ion Ratio Lower Upper
130 100
95 96.2 0.0 191.2





#45
1,2-Dichloropropane
Concen: 51.177 ug/l
RT: 9.486 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

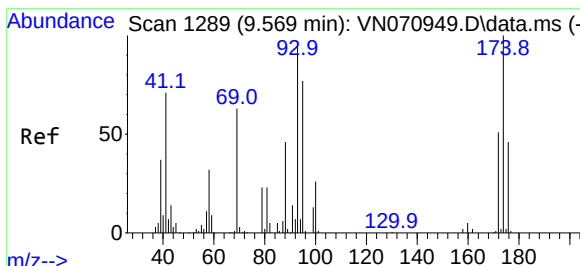
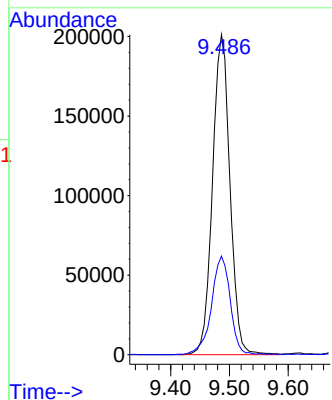
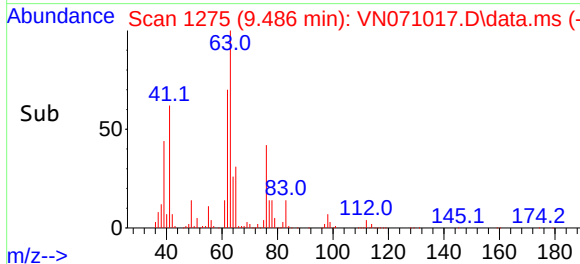
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



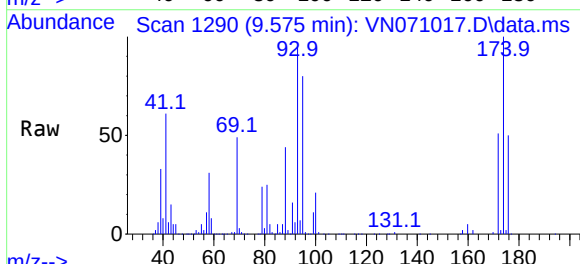
Tgt Ion: 63 Resp: 414930
Ion Ratio Lower Upper
63 100
65 30.7 24.7 37.1

Manual Integrations
APPROVED

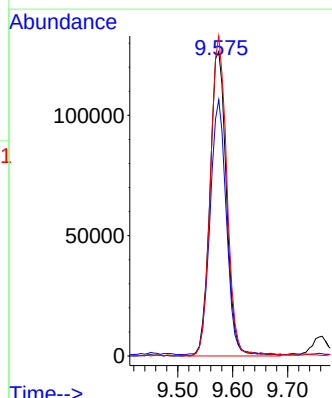
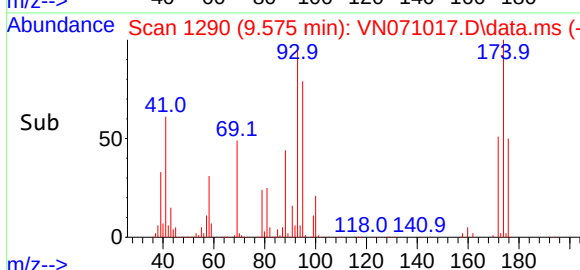
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

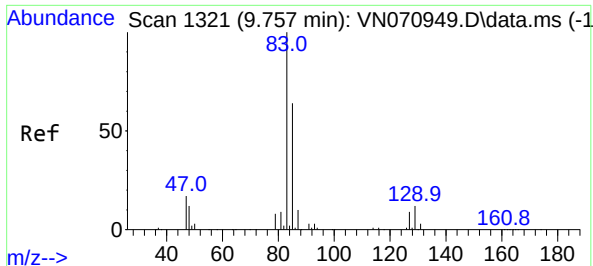


#46
Dibromomethane
Concen: 49.553 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51



Tgt Ion: 93 Resp: 264396
Ion Ratio Lower Upper
93 100
95 81.7 65.9 98.9
174 104.1 84.6 127.0





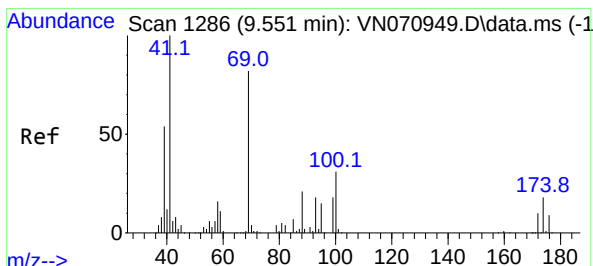
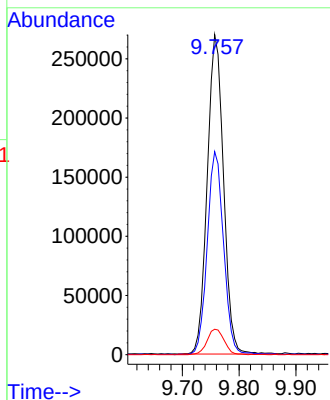
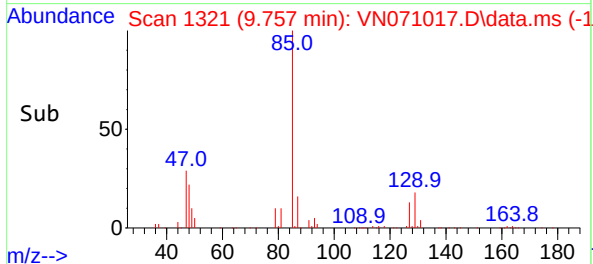
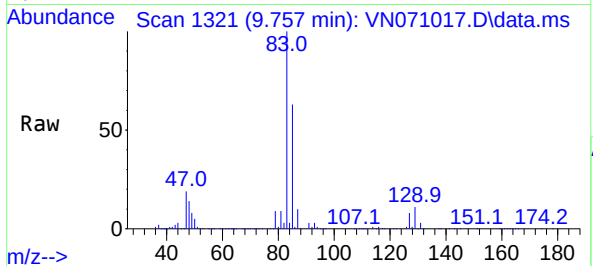
#47
Bromodichloromethane
Concen: 49.803 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 537050
Ion Ratio Lower Upper
83 100
85 63.5 50.9 76.3
127 7.9 7.1 10.7

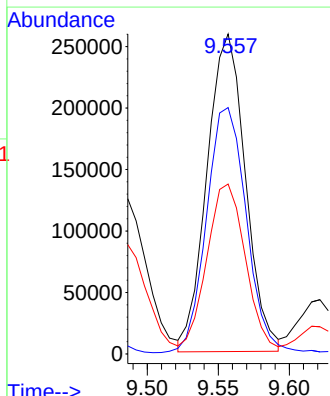
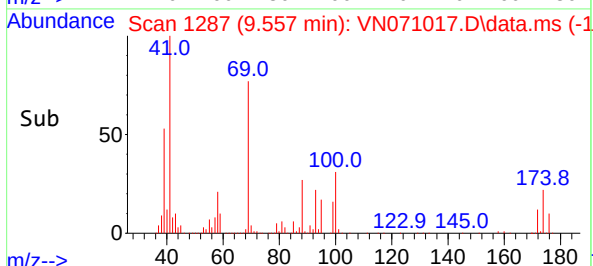
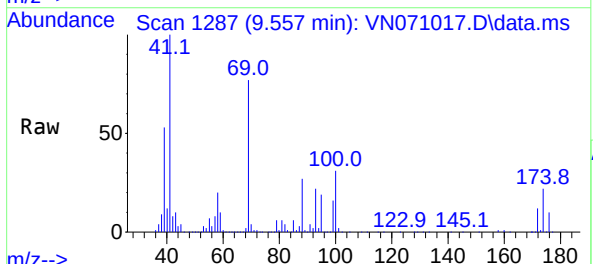
Manual Integrations
APPROVED

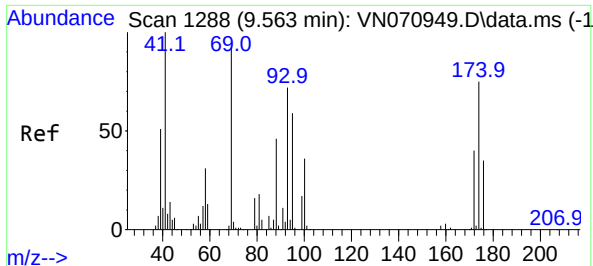
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#48
Methyl methacrylate
Concen: 56.911 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

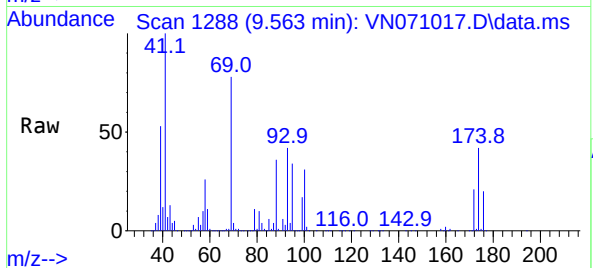
Tgt Ion: 41 Resp: 487264
Ion Ratio Lower Upper
41 100
69 80.6 72.4 108.6
39 54.0 58.4 87.6#





#49
1,4-Dioxane
Concen: 1120.009 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

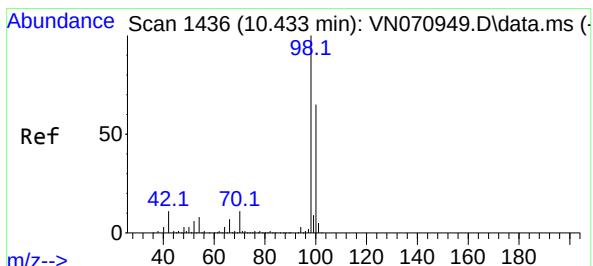
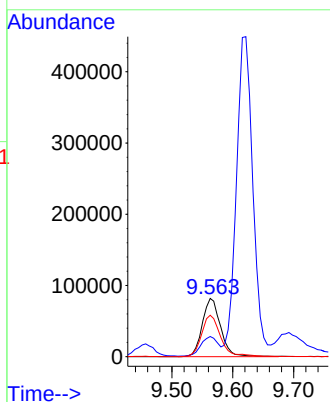
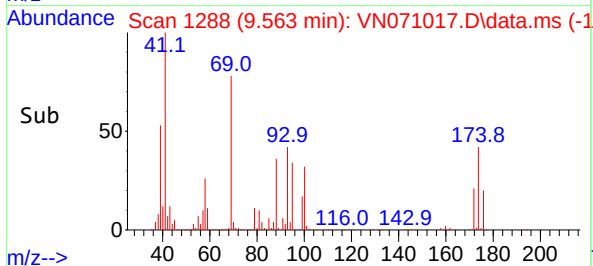
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 170319
Ion Ratio Lower Upper
88 100
43 31.5 23.4 35.2
58 75.2 50.6 75.8

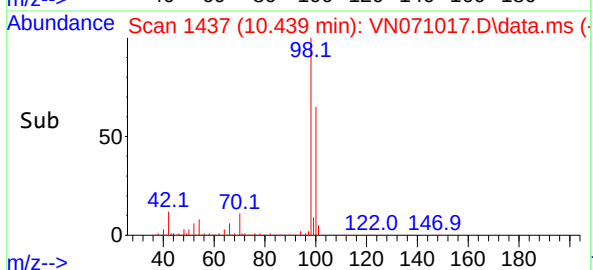
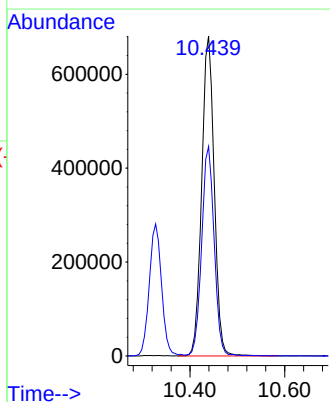
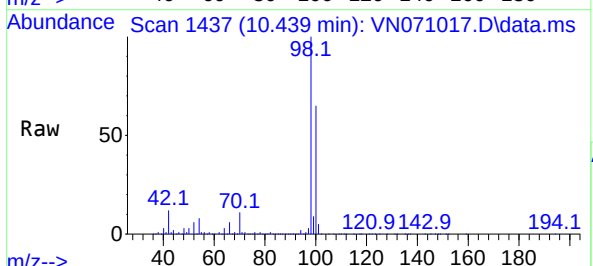
Manual Integrations
APPROVED

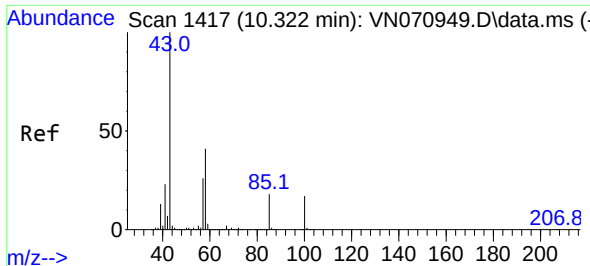
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#50
Toluene-d8
Concen: 47.600 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

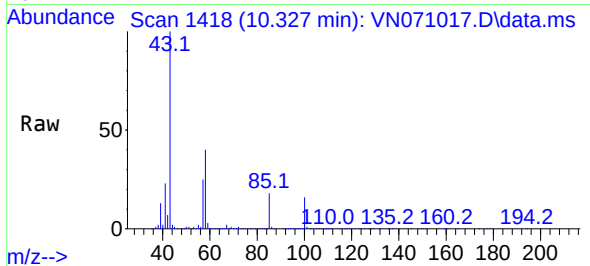
Tgt Ion: 98 Resp: 1248500
Ion Ratio Lower Upper
98 100
100 65.4 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 296.321 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

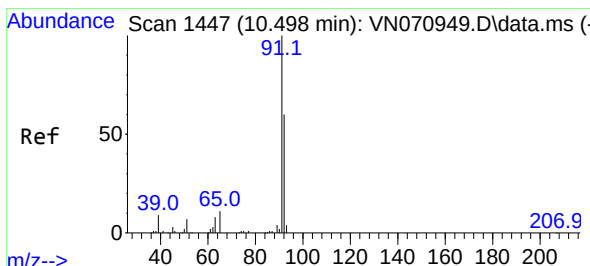
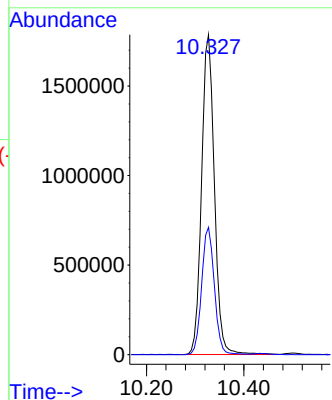
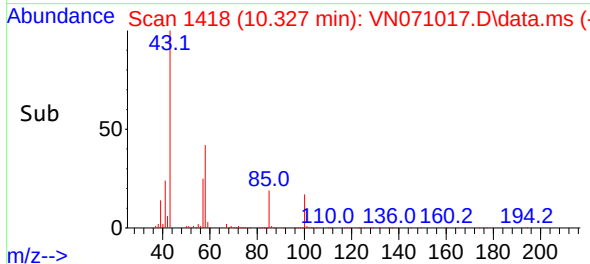
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 3261154
Ion Ratio Lower Upper
43 100
58 39.5 30.4 45.6

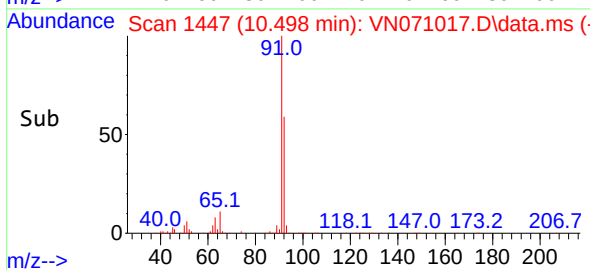
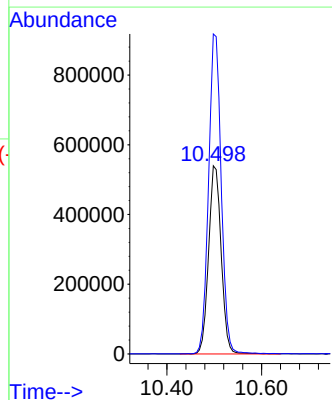
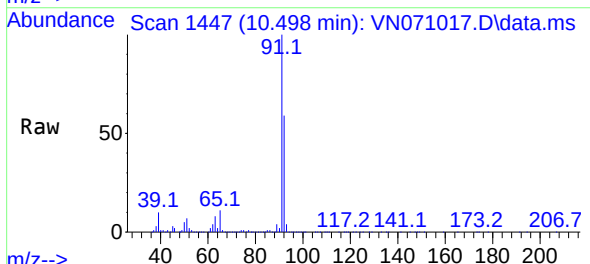
Manual Integrations
APPROVED

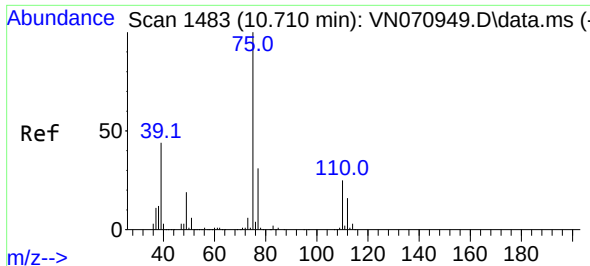
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#52
Toluene
Concen: 49.992 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

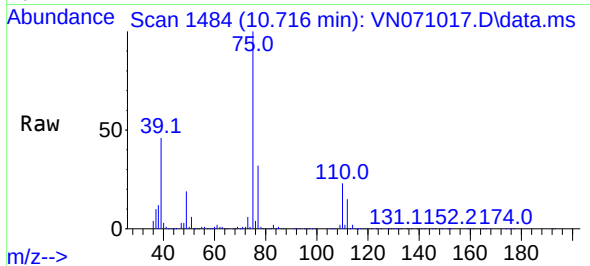
Tgt Ion: 92 Resp: 994288
Ion Ratio Lower Upper
92 100
91 170.6 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 49.677 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

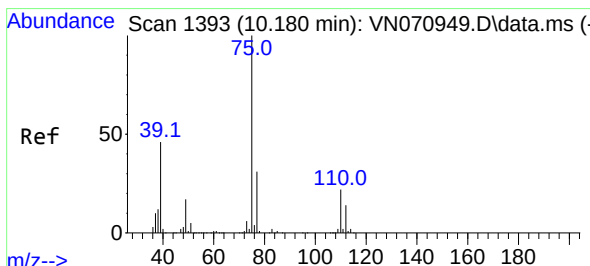
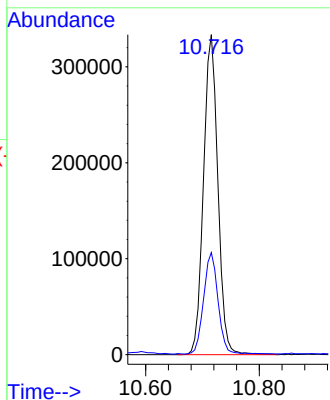
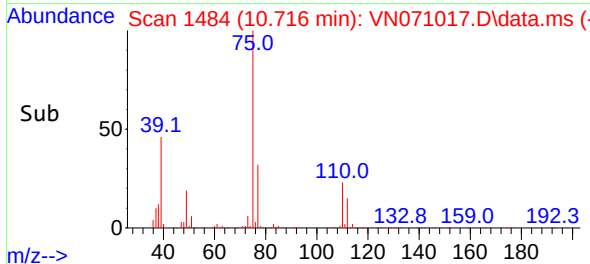
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



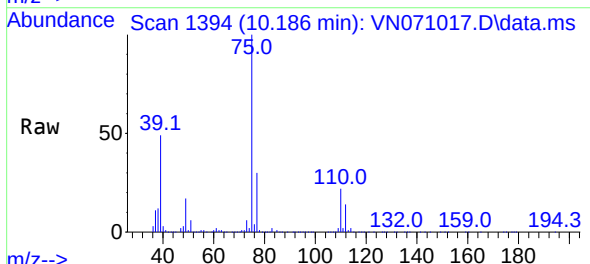
Tgt Ion: 75 Resp: 582490
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4

Manual Integrations
APPROVED

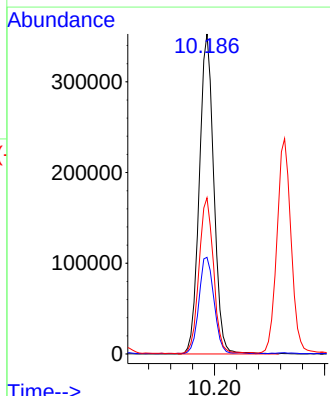
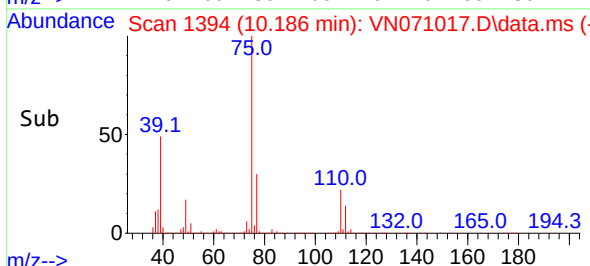
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

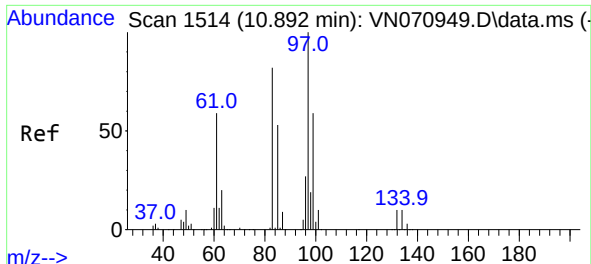


#54
cis-1,3-Dichloropropene
Concen: 50.213 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51



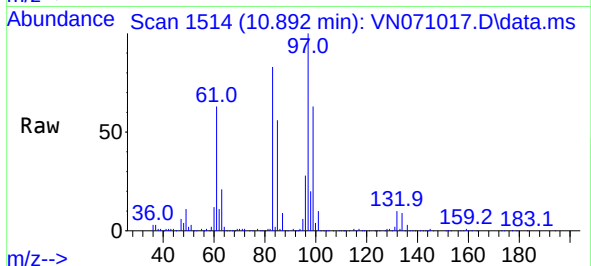
Tgt Ion: 75 Resp: 646597
Ion Ratio Lower Upper
75 100
77 30.0 26.4 39.6
39 48.6 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 50.561 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

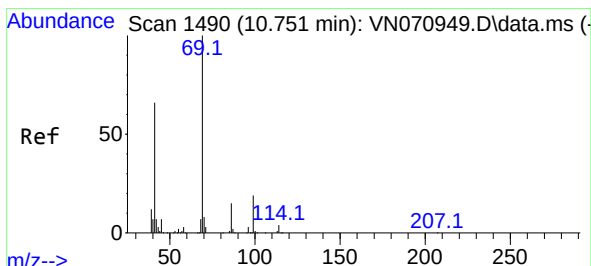
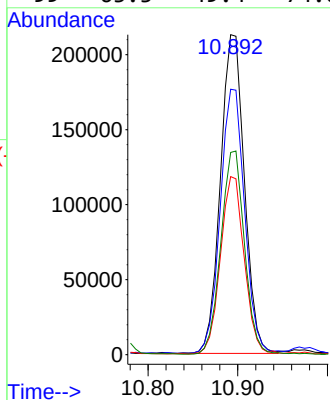
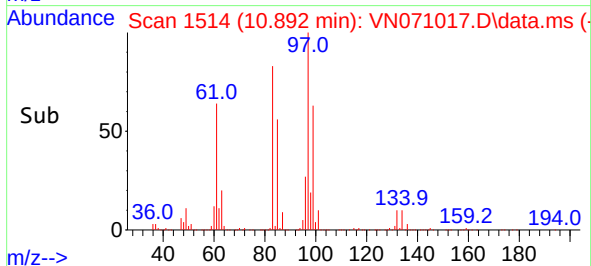


Tgt Ion: 97 Resp: 393628

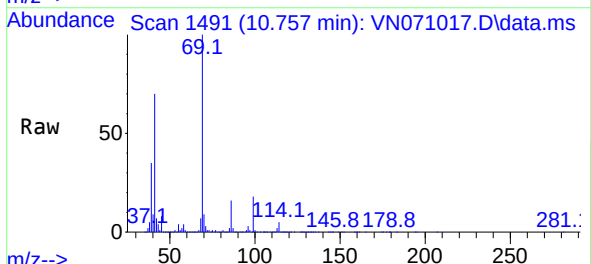
Ion	Ratio	Lower	Upper
97	100		
83	82.9	67.8	101.6
85	55.5	45.4	68.2
99	63.3	49.4	74.0

Manual Integrations
APPROVED

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

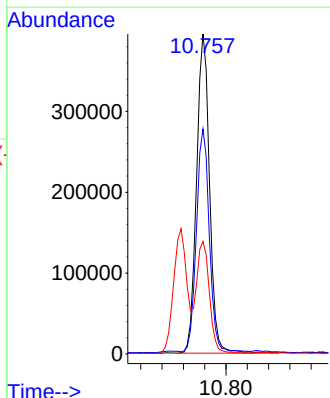
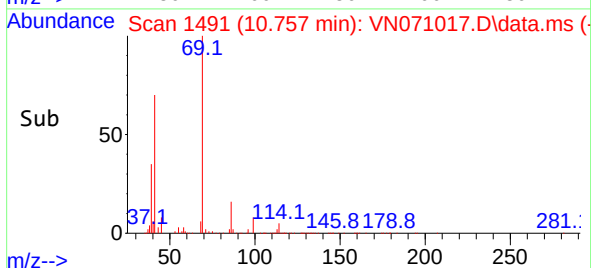


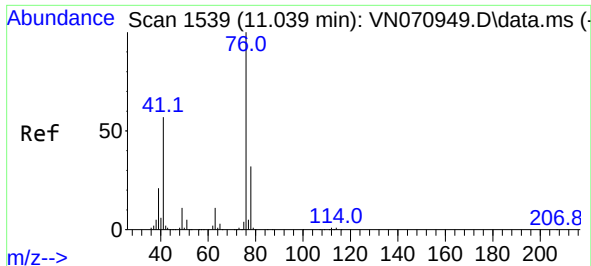
#56
Ethyl methacrylate
Concen: 56.820 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51



Tgt Ion: 69 Resp: 666492

Ion	Ratio	Lower	Upper
69	100		
41	68.9	51.4	77.0
39	35.8	34.6	52.0





#57

1,3-Dichloropropane

Concen: 52.249 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN071017.D

Acq: 18 Feb 2022 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 703599

Ion Ratio Lower Upper

76 100

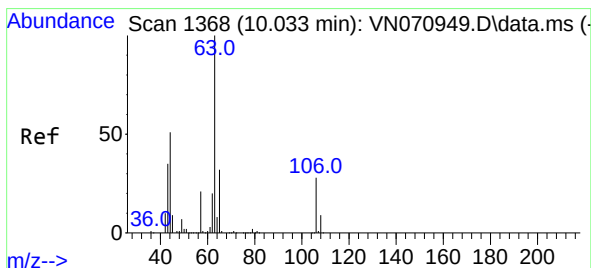
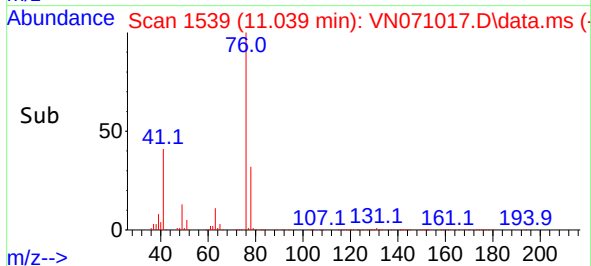
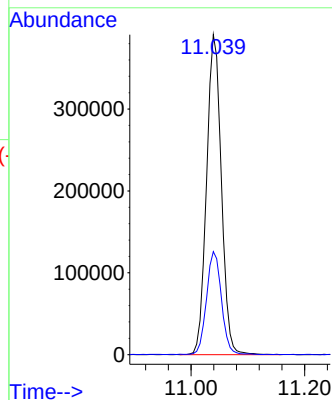
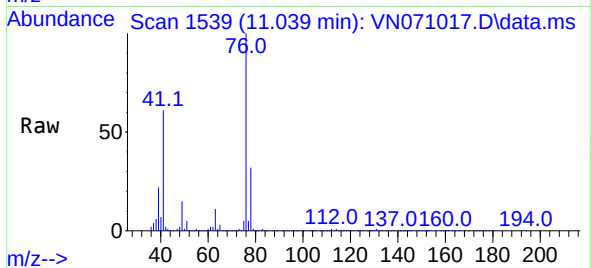
78 32.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#58

2-Chloroethyl Vinyl ether

Concen: 229.388 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VN071017.D

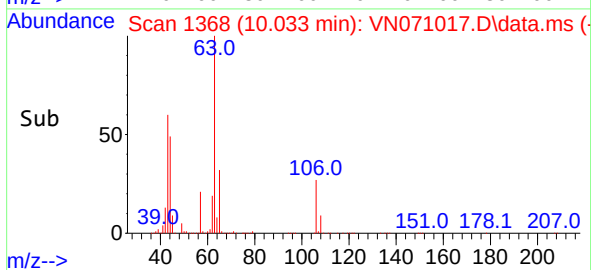
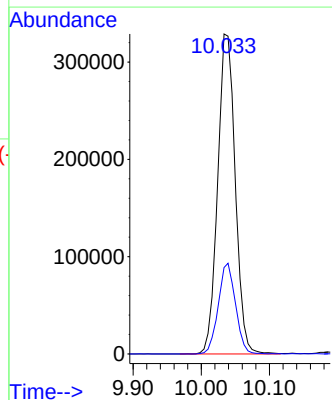
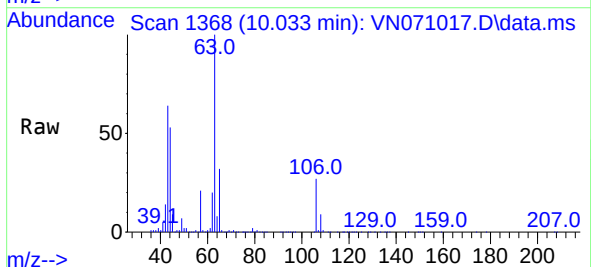
Acq: 18 Feb 2022 21:51

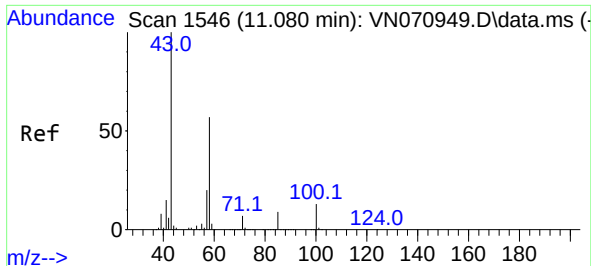
Tgt Ion: 63 Resp: 590677

Ion Ratio Lower Upper

63 100

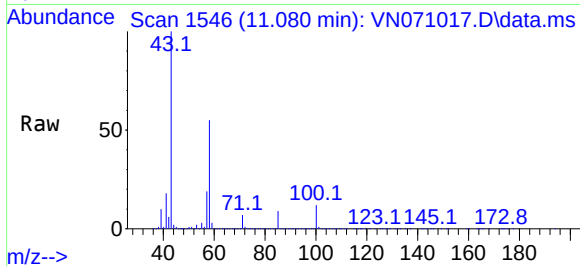
106 27.7 23.9 35.9





#59
2-Hexanone
Concen: 303.001 ug/l
RT: 11.080 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

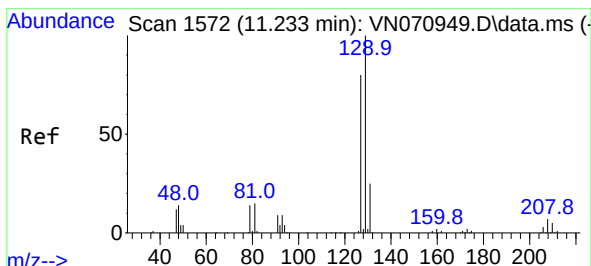
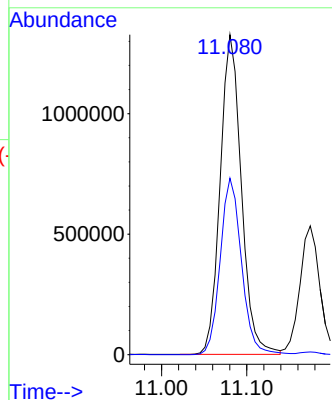
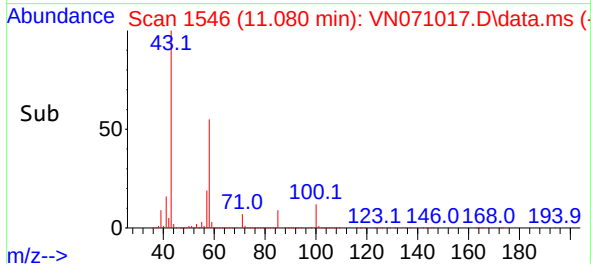
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 229342
Ion Ratio Lower Upper
43 100
58 55.5 26.9 80.7

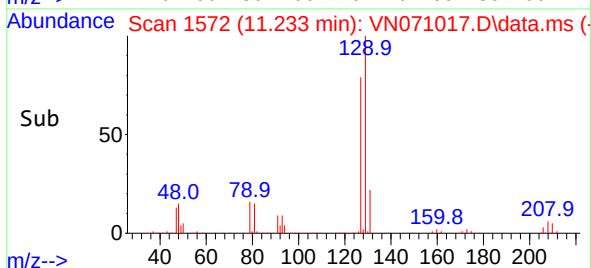
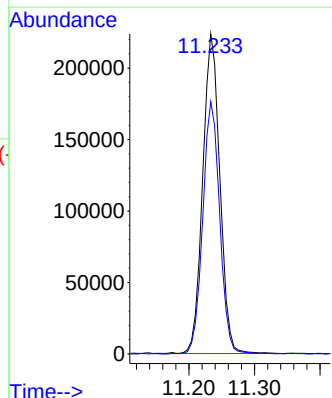
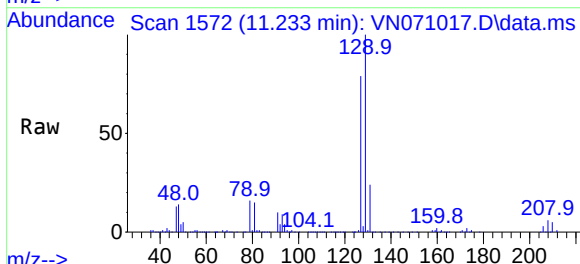
Manual Integrations
APPROVED

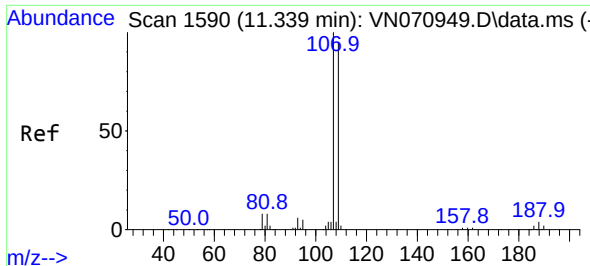
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#60
Dibromochloromethane
Concen: 49.405 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

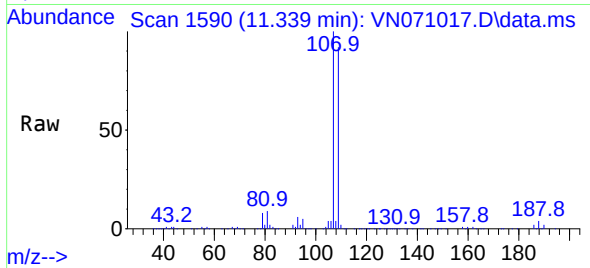
Tgt Ion:129 Resp: 406480
Ion Ratio Lower Upper
129 100
127 78.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.131 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

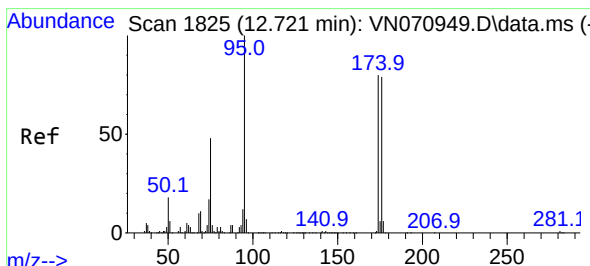
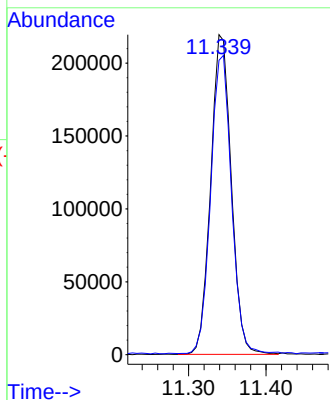
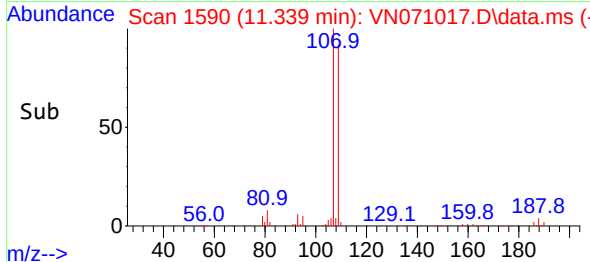
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



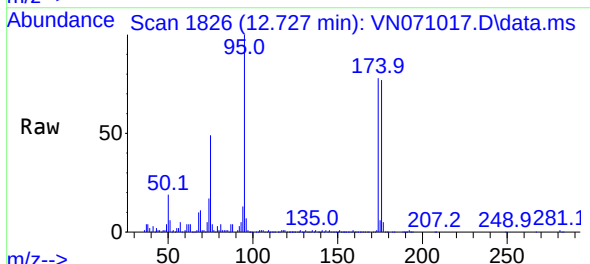
Tgt Ion:107 Resp: 404892
Ion Ratio Lower Upper
107 100
109 94.4 75.7 113.5

Manual Integrations
APPROVED

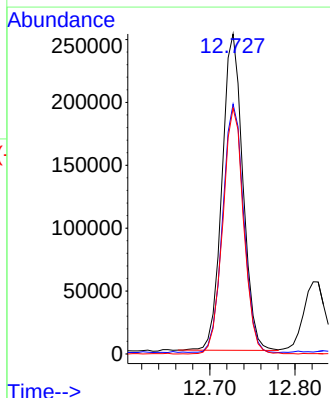
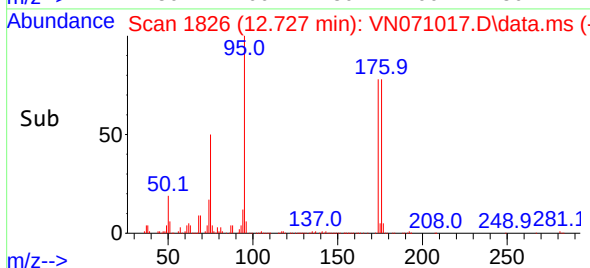
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

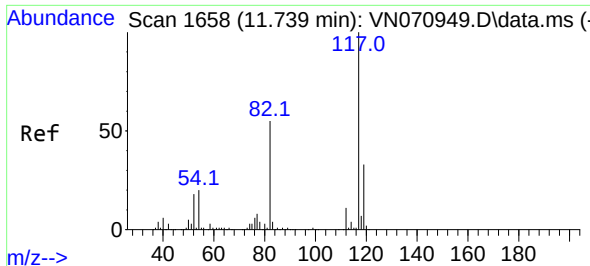


#62
4-Bromofluorobenzene
Concen: 45.538 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51



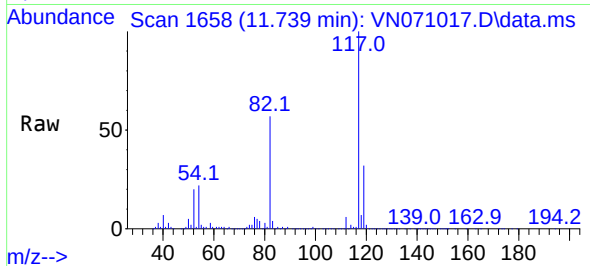
Tgt Ion: 95 Resp: 426936
Ion Ratio Lower Upper
95 100
174 79.2 0.0 187.2
176 78.0 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

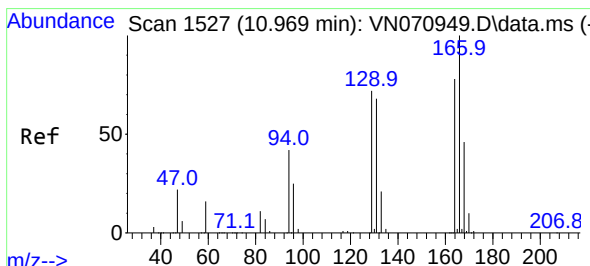
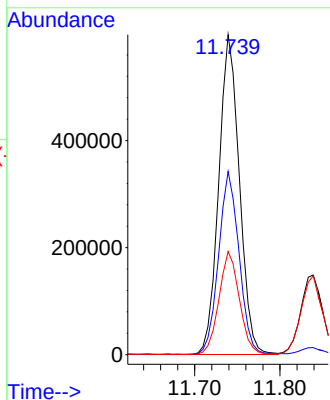
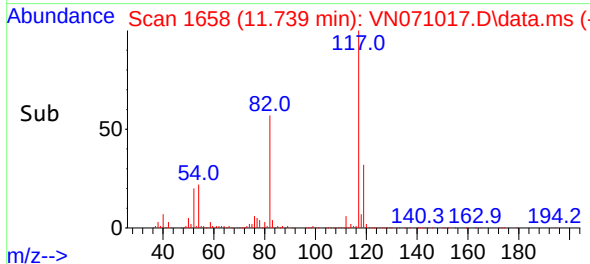
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



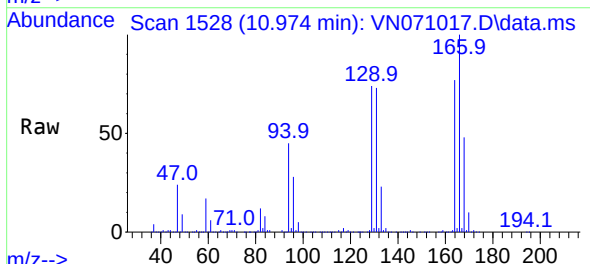
Tgt Ion:117 Resp: 100533
Ion Ratio Lower Upper
117 100
82 57.1 42.4 63.6
119 32.2 25.4 38.2

Manual Integrations
APPROVED

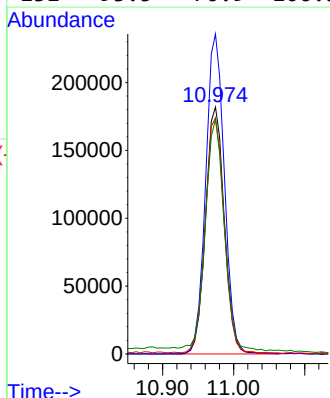
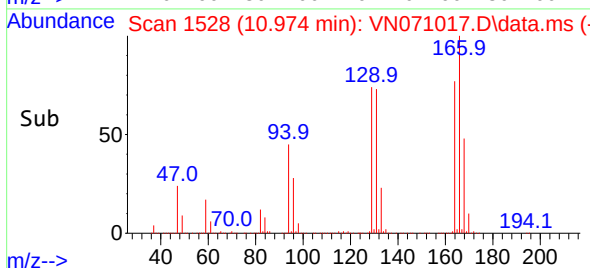
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

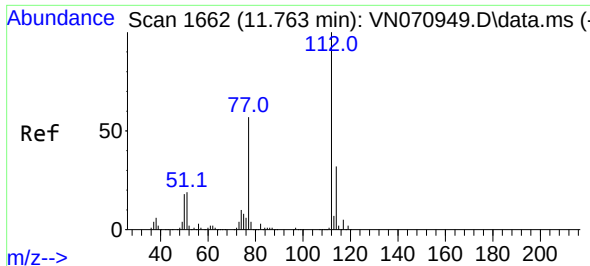


#64
Tetrachloroethene
Concen: 42.947 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51



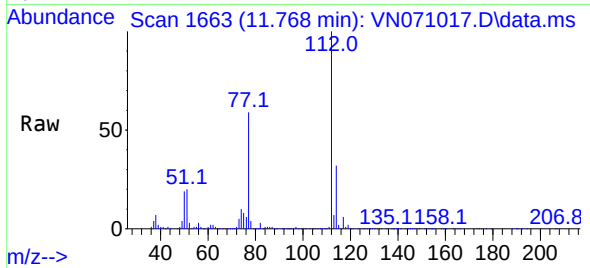
Tgt Ion:164 Resp: 336253
Ion Ratio Lower Upper
164 100
166 129.5 101.9 152.9
129 95.2 72.0 108.0
131 93.5 70.9 106.3





#65
Chlorobenzene
Concen: 48.276 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

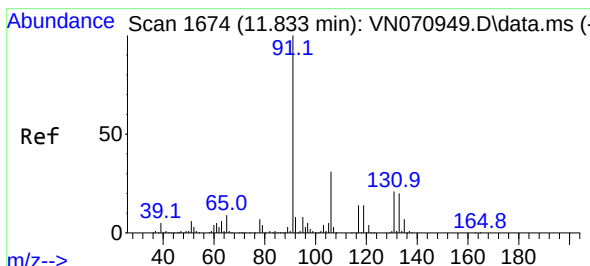
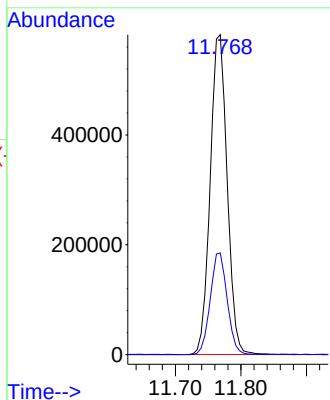
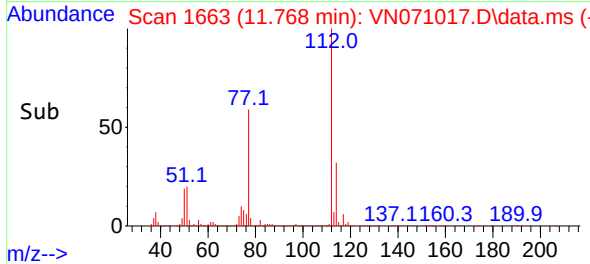
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



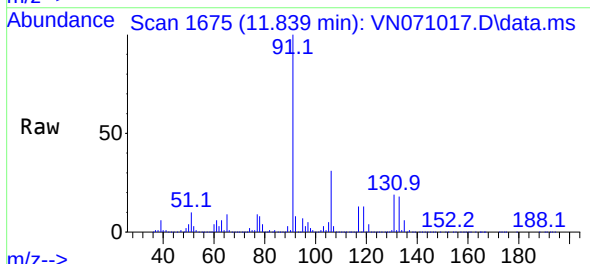
Tgt Ion:112 Resp: 1045809
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0

Manual Integrations
APPROVED

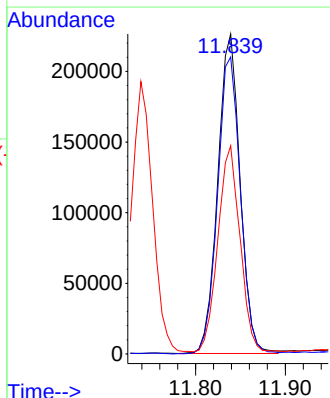
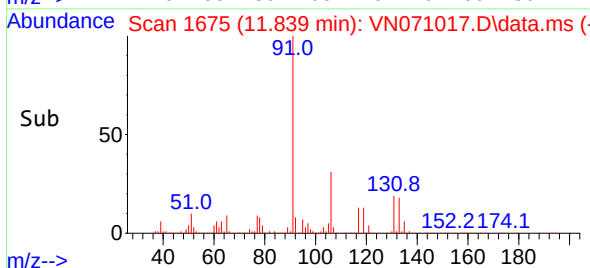
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

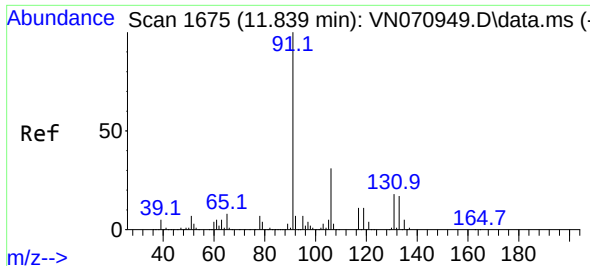


#66
1,1,1,2-Tetrachloroethane
Concen: 49.462 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51



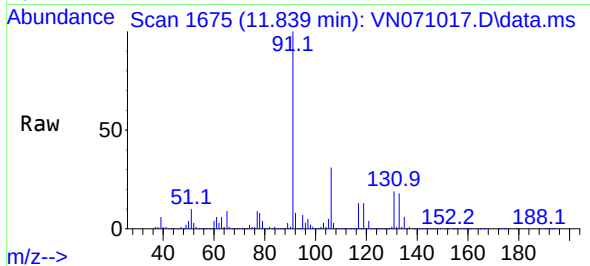
Tgt Ion:131 Resp: 390588
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.7
119 63.9 32.1 96.5





#67
Ethyl Benzene
Concen: 50.385 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

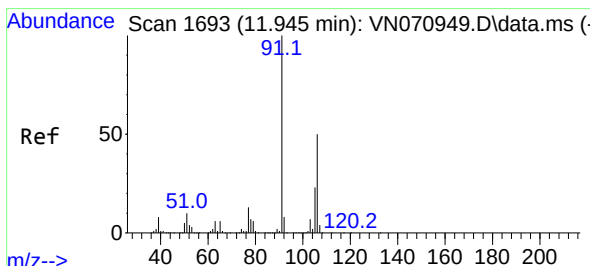
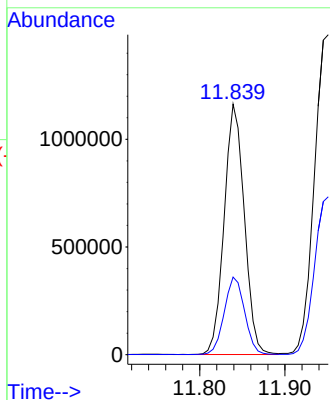
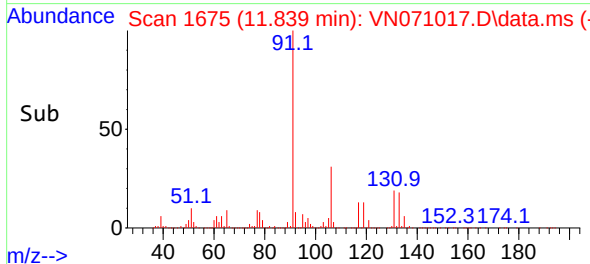
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



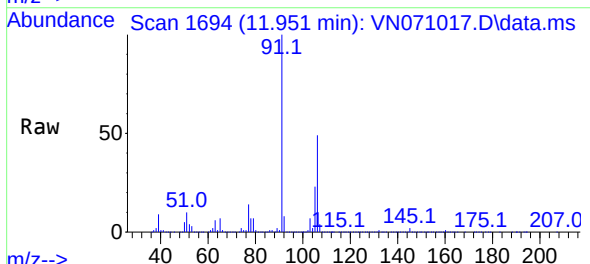
Tgt Ion: 91 Resp: 1910380
Ion Ratio Lower Upper
91 100
106 30.9 25.7 38.5

Manual Integrations
APPROVED

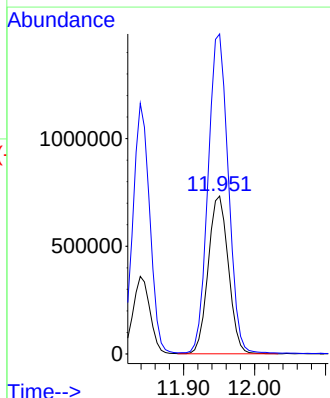
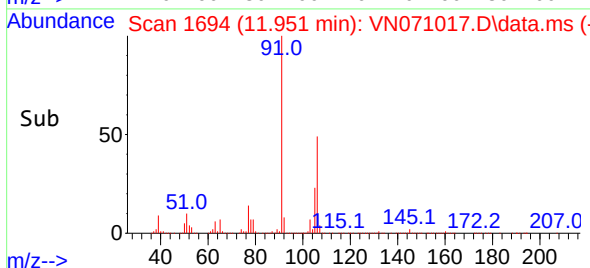
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

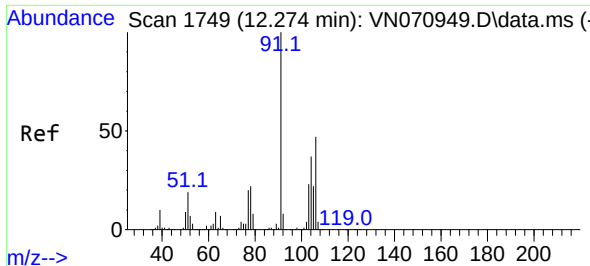


#68
m/p-Xylenes
Concen: 98.560 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51



Tgt Ion:106 Resp: 1443485
Ion Ratio Lower Upper
106 100
91 203.7 160.6 240.8





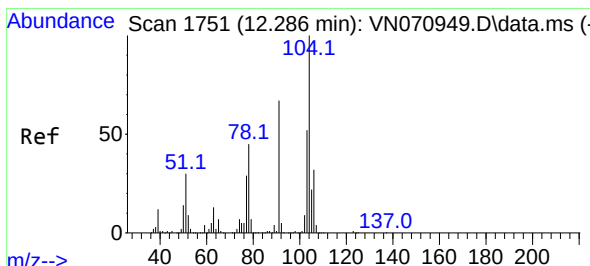
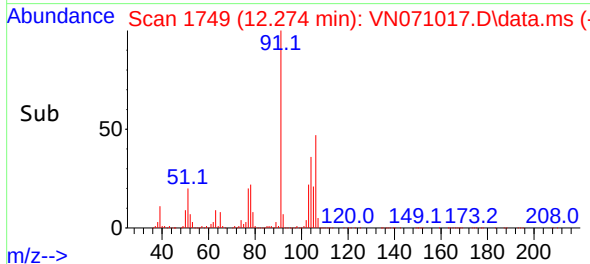
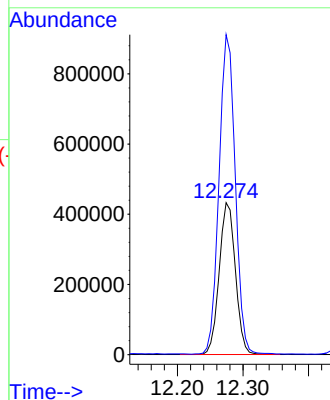
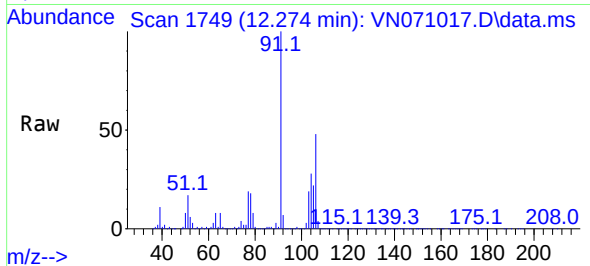
#69
o-Xylene
Concen: 51.698 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 73963
Ion Ratio Lower Upper
106 100
91 210.3 105.8 317.3

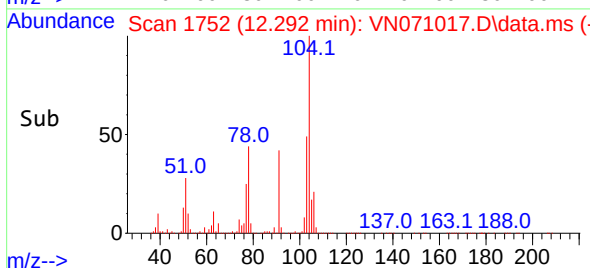
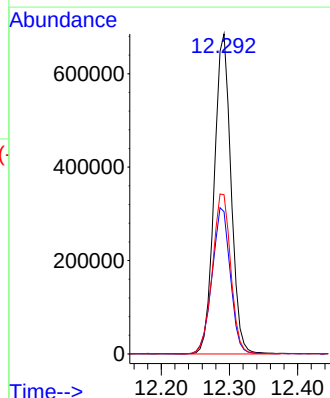
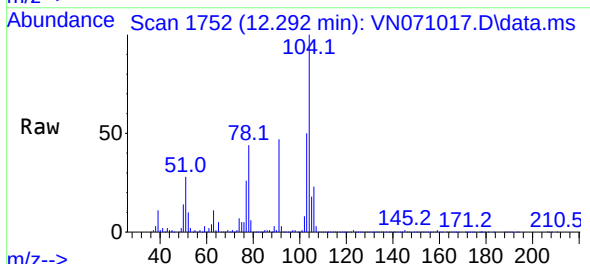
Manual Integrations
APPROVED

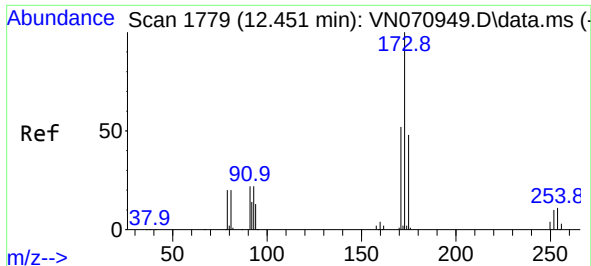
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#70
Styrene
Concen: 51.531 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

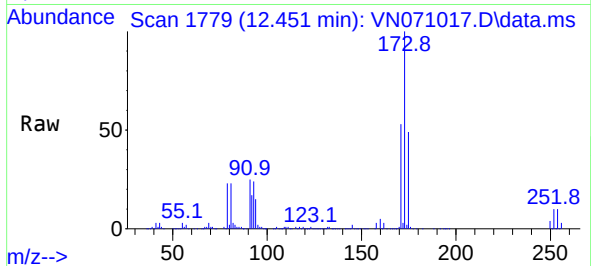
Tgt Ion:104 Resp: 1172263
Ion Ratio Lower Upper
104 100
78 49.6 38.7 58.1
103 54.8 45.0 67.6





#71
Bromoform
Concen: 49.285 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

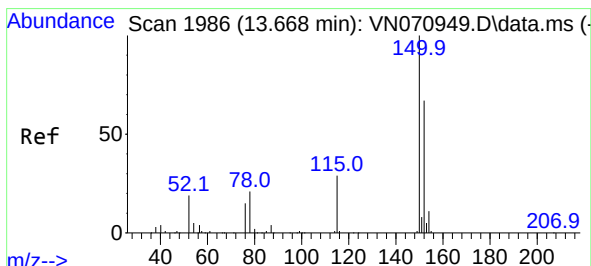
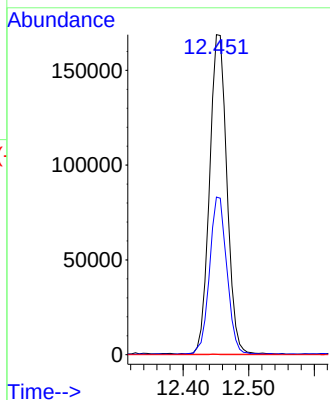
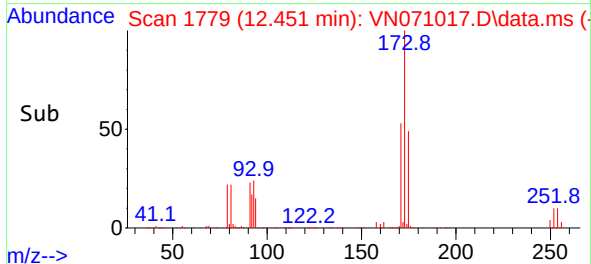
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



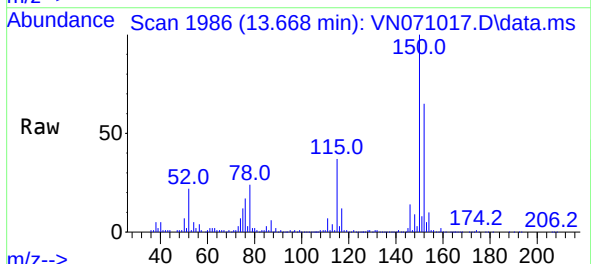
Tgt Ion:173 Resp: 309958
Ion Ratio Lower Upper
173 100
175 49.0 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

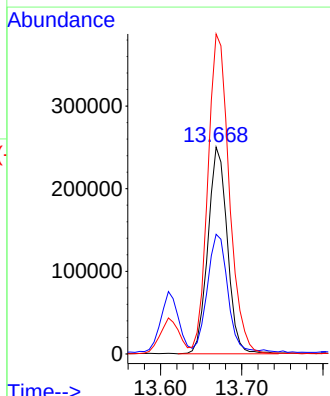
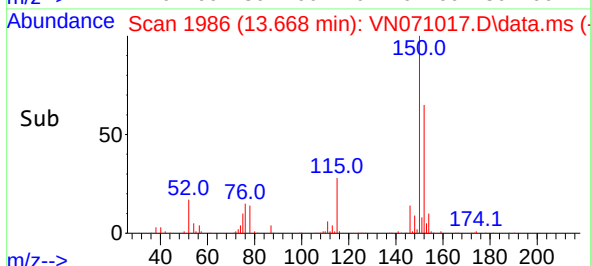
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

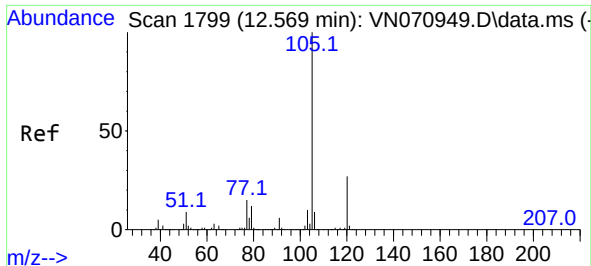


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51



Tgt Ion:152 Resp: 414871
Ion Ratio Lower Upper
152 100
115 59.7 27.5 82.5
150 171.1 0.0 344.4





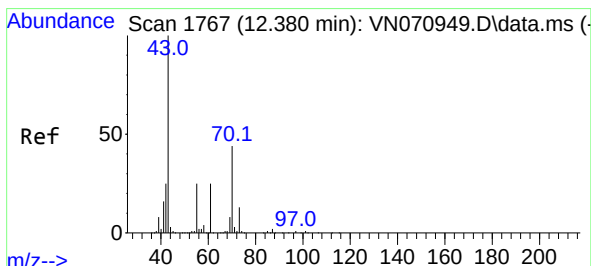
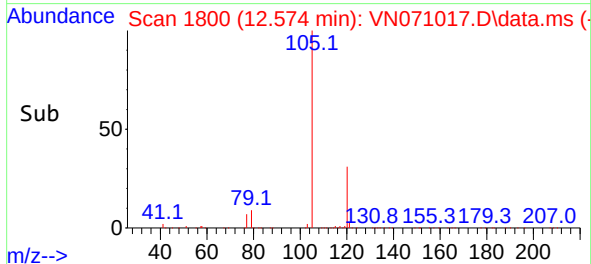
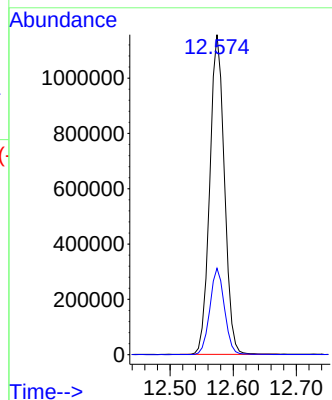
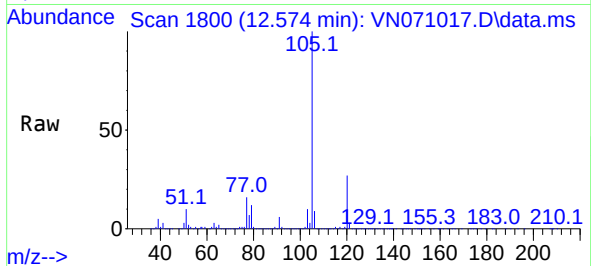
#73
Isopropylbenzene
Concen: 55.769 ug/l
RT: 12.574 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 186232
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1

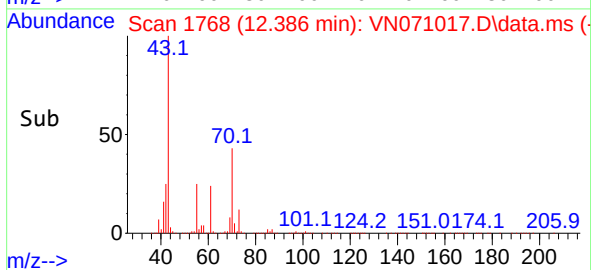
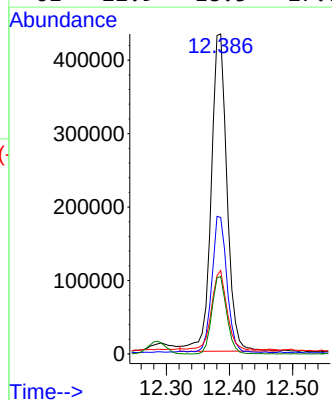
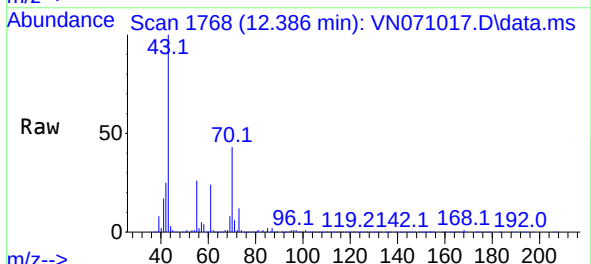
Manual Integrations
APPROVED

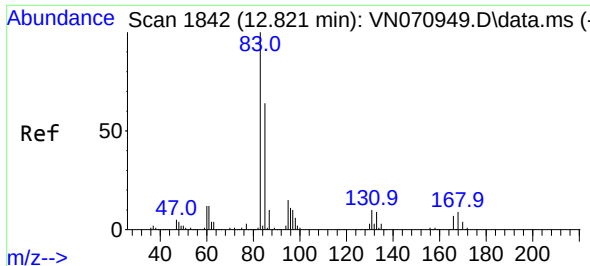
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#74
N-ethyl acetate
Concen: 70.321 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

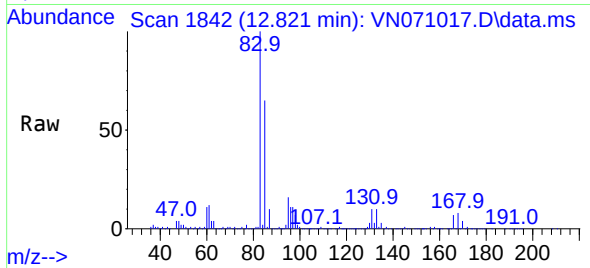
Tgt Ion: 43 Resp: 750628
Ion Ratio Lower Upper
43 100
70 40.6 33.4 50.0
55 24.0 19.3 28.9
61 22.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 56.540 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

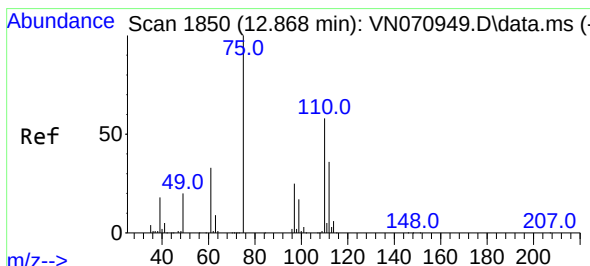
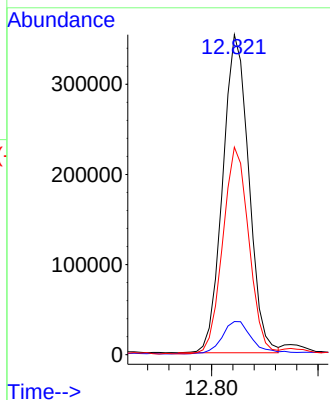
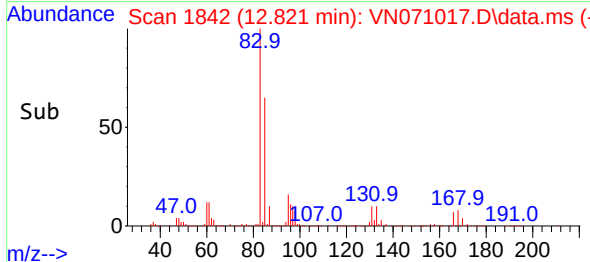
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



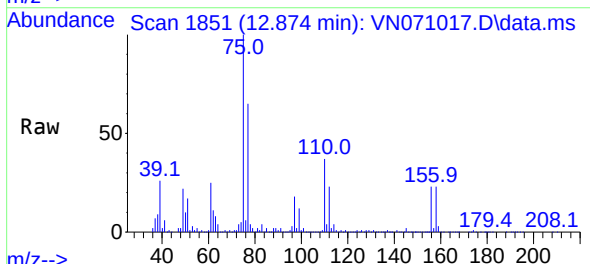
Tgt Ion: 83 Resp: 599978
Ion Ratio Lower Upper
83 100
131 11.9 5.5 16.5
85 65.1 32.4 97.2

Manual Integrations
APPROVED

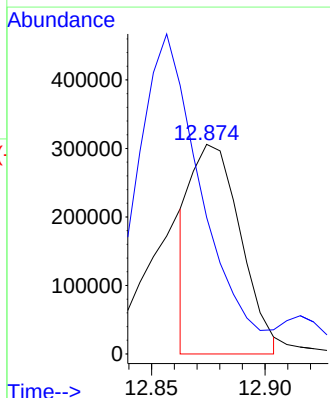
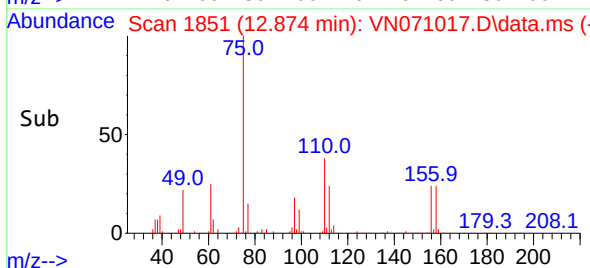
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

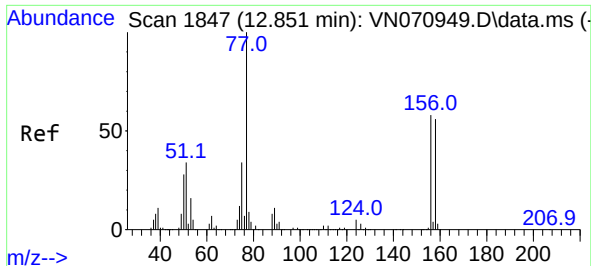


#76
1,2,3-Trichloropropane
Concen: 47.391 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51



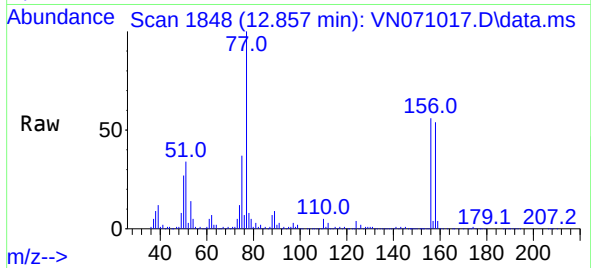
Tgt Ion: 75 Resp: 462923
Ion Ratio Lower Upper
75 100
77 198.4 82.6 247.8





#77
Bromobenzene
Concen: 53.670 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

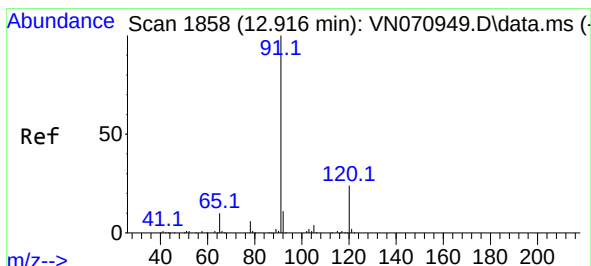
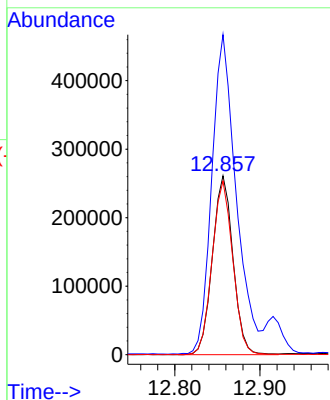
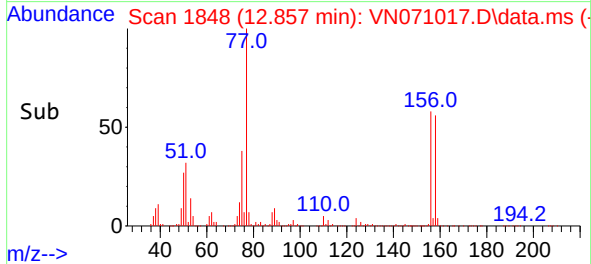
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 438739
Ion Ratio Lower Upper
156 100
77 209.3 90.6 271.8
158 97.4 48.9 146.7

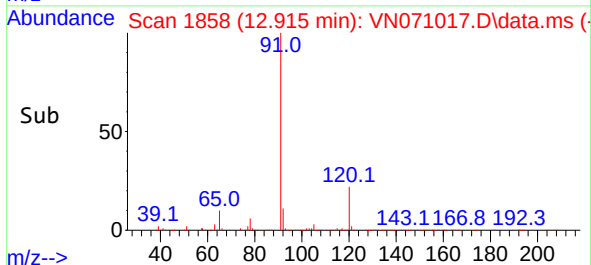
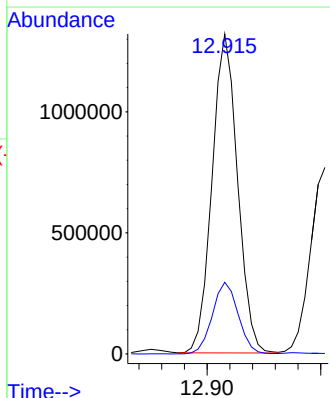
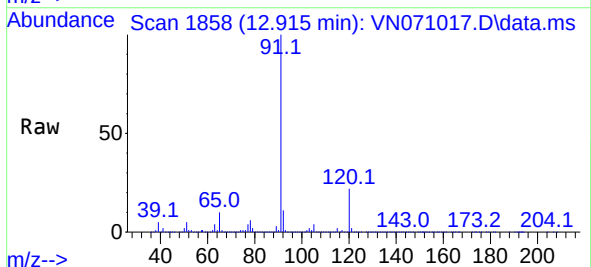
Manual Integrations
APPROVED

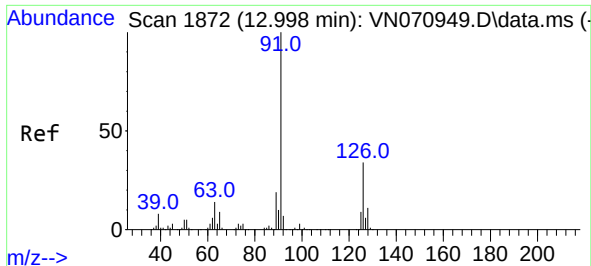
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#78
n-propylbenzene
Concen: 54.643 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

Tgt Ion: 91 Resp: 2050178
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.9





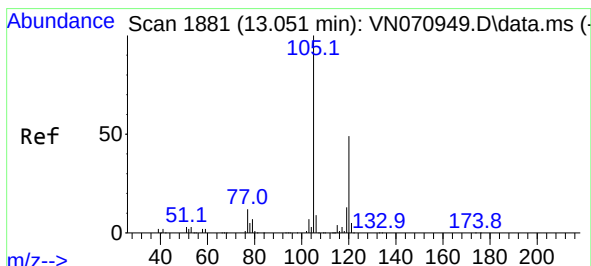
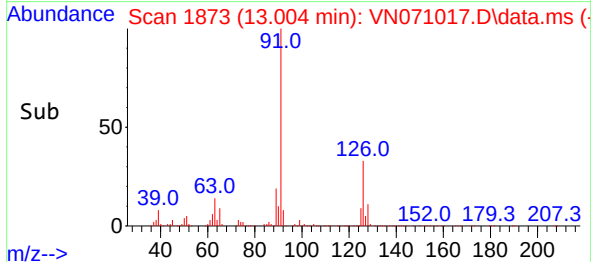
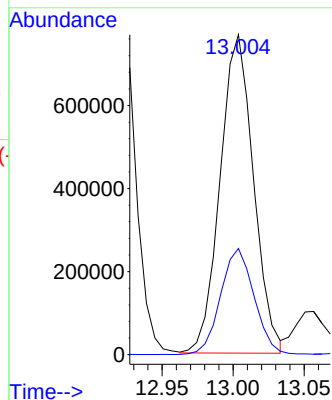
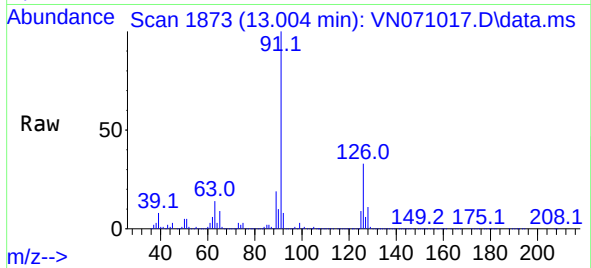
#79
2-Chlorotoluene
Concen: 54.999 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 125315
Ion Ratio Lower Upper
91 100
126 33.5 18.3 54.8

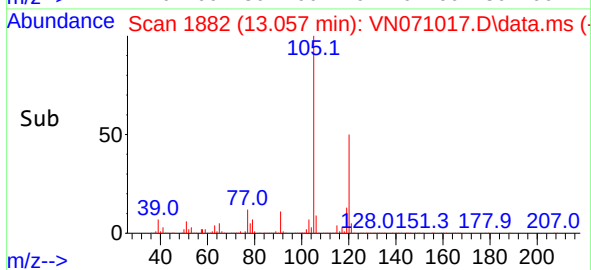
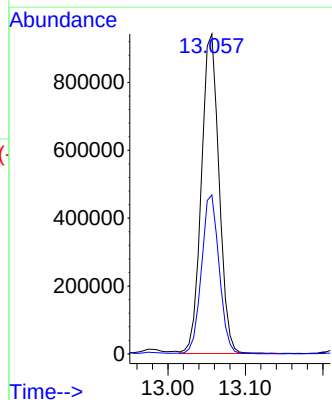
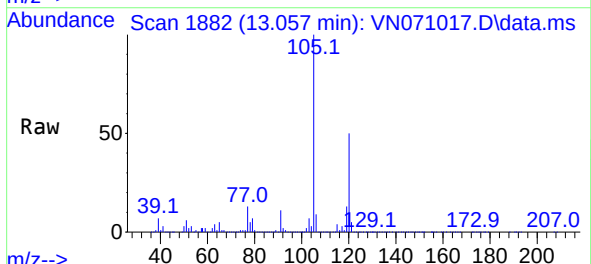
Manual Integrations
APPROVED

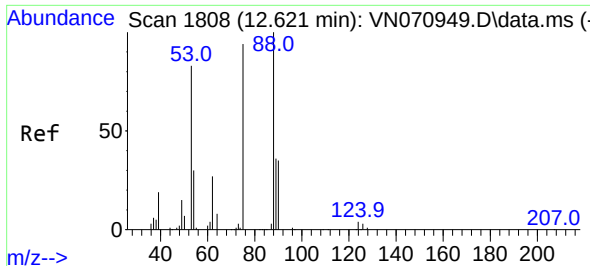
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#80
1,3,5-Trimethylbenzene
Concen: 55.075 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

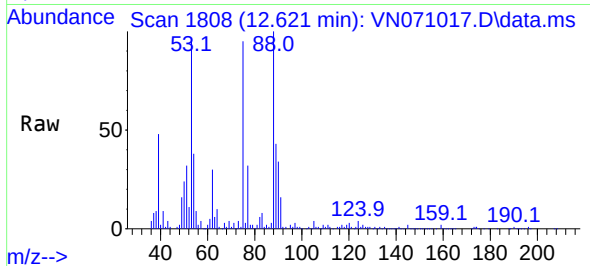
Tgt Ion:105 Resp: 1489992
Ion Ratio Lower Upper
105 100
120 49.7 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 56.116 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

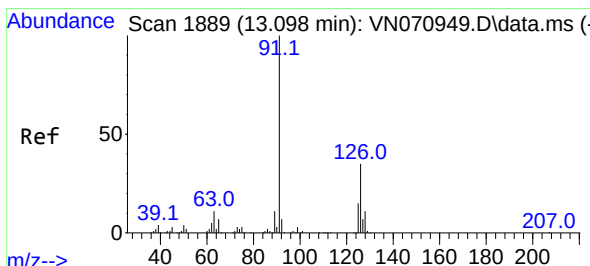
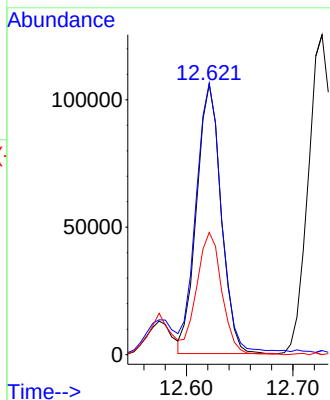
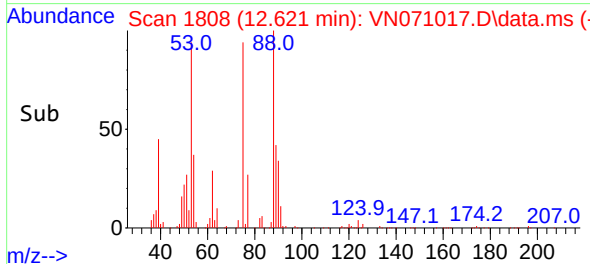
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 169158
Ion Ratio Lower Upper
75 100
53 102.0 90.5 135.7
89 46.9 38.2 57.4

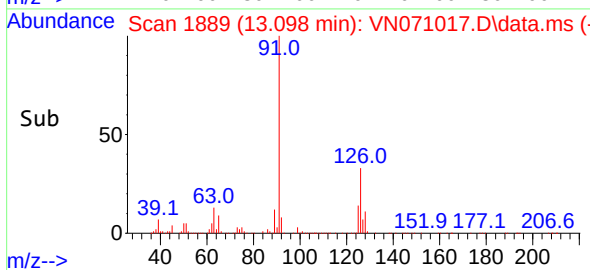
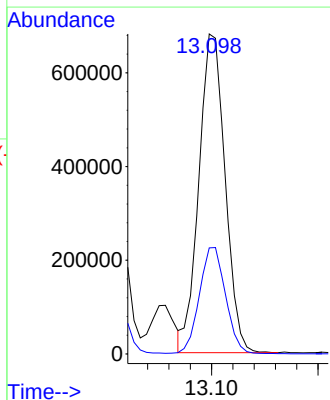
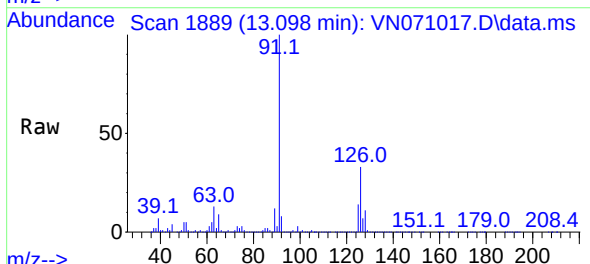
Manual Integrations
APPROVED

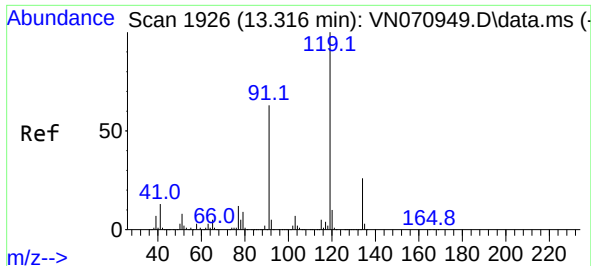
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#82
4-Chlorotoluene
Concen: 52.602 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

Tgt Ion: 91 Resp: 1163424
Ion Ratio Lower Upper
91 100
126 33.5 18.2 54.6





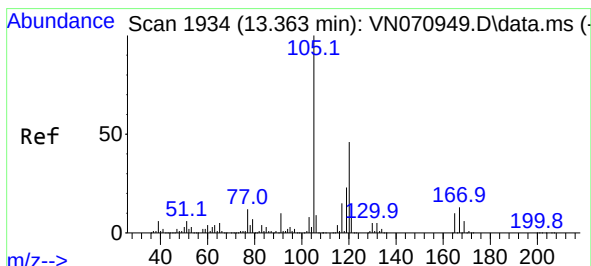
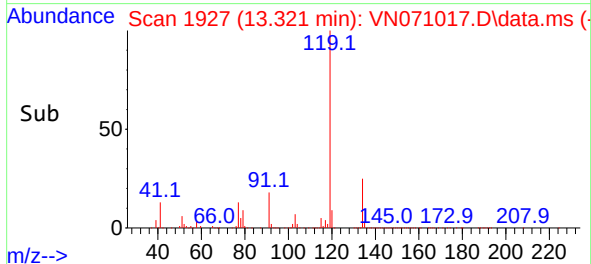
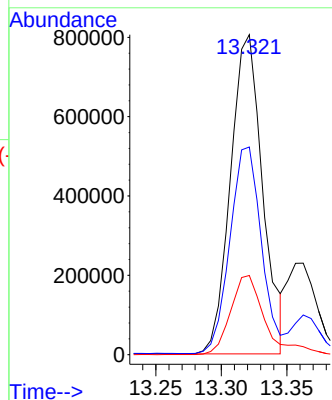
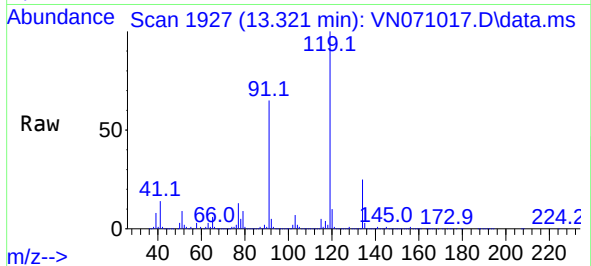
#83
tert-Butylbenzene
Concen: 53.540 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 1373699
Ion Ratio Lower Upper
119 100
91 63.2 31.5 94.5
134 26.5 12.4 37.4

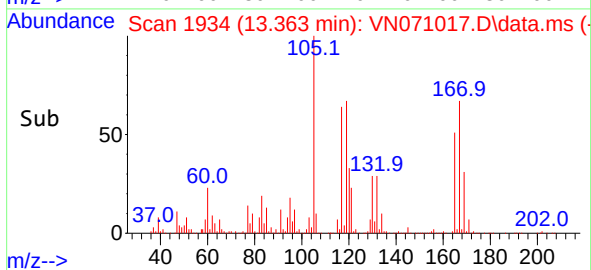
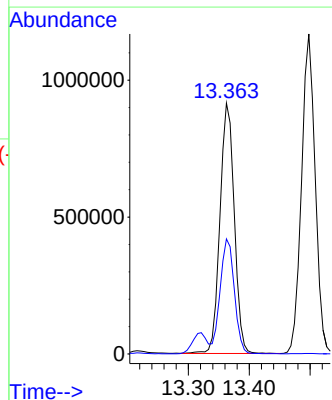
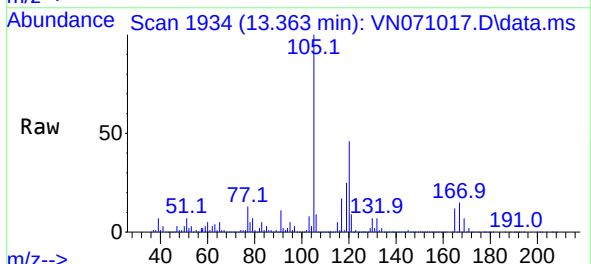
Manual Integrations
APPROVED

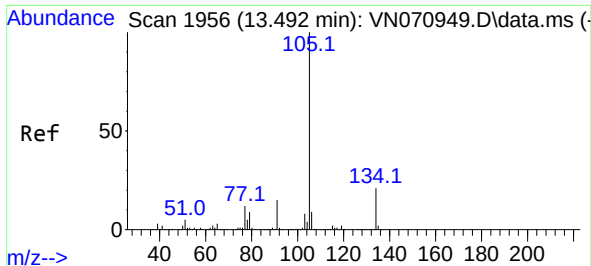
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#84
1,2,4-Trimethylbenzene
Concen: 56.059 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

Tgt Ion:105 Resp: 1492935
Ion Ratio Lower Upper
105 100
120 46.0 22.8 68.4





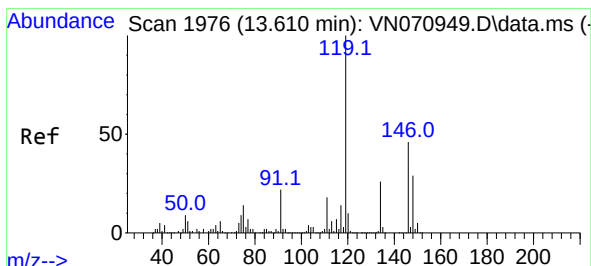
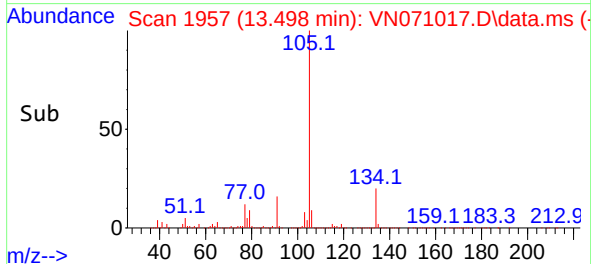
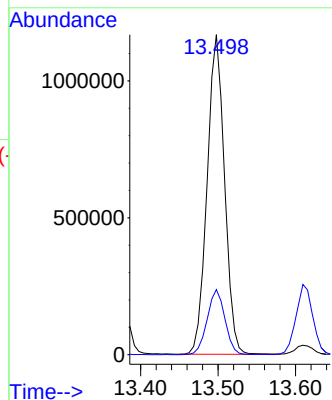
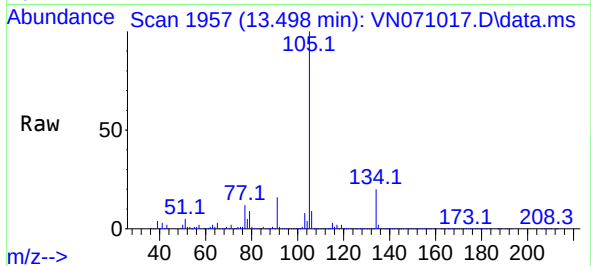
#85
 sec-Butylbenzene
 Concen: 53.825 ug/l
 RT: 13.498 min Scan# 1956
 Delta R.T. 0.006 min
 Lab File: VN071017.D
 Acq: 18 Feb 2022 21:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 181970
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1

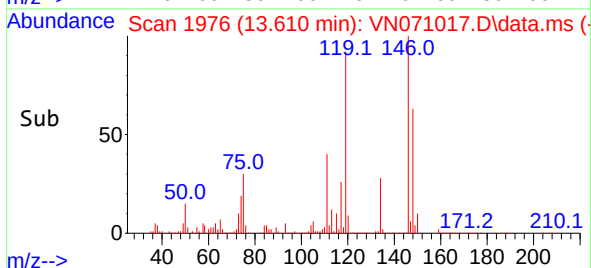
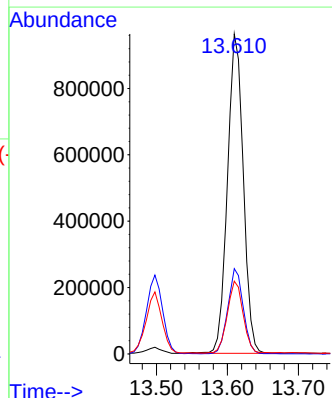
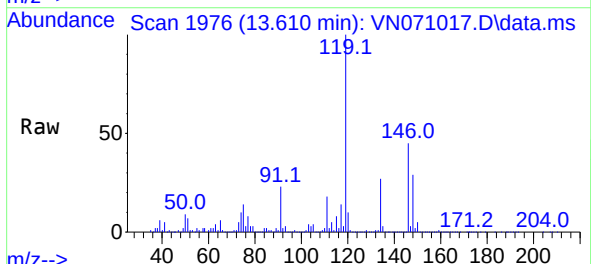
Manual Integrations
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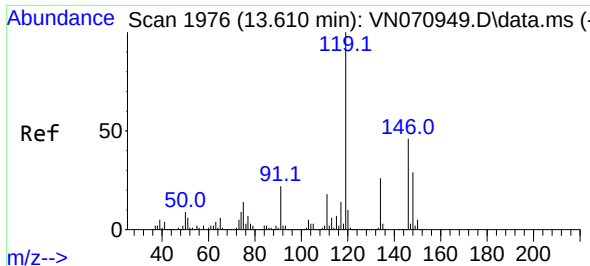
Reviewed By :John Carlone 02/22/2022
 Supervised By :Mahesh Dadoda 02/22/2022



#86
 p-Isopropyltoluene
 Concen: 53.643 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071017.D
 Acq: 18 Feb 2022 21:51

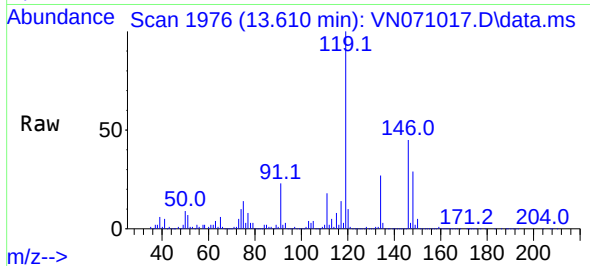
Tgt Ion:119 Resp: 1488788
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.6 40.7
 91 22.5 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 49.446 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

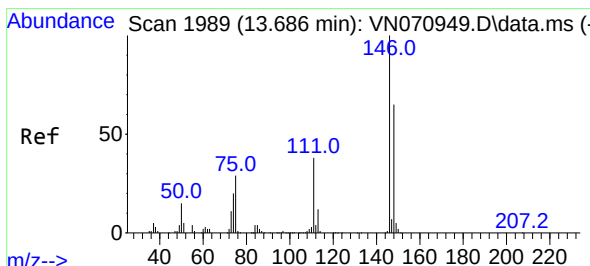
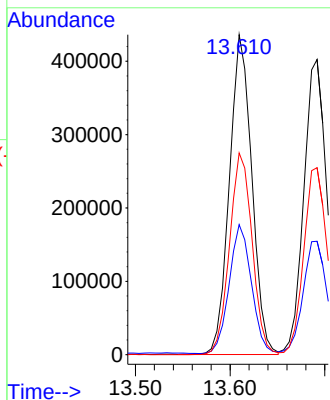
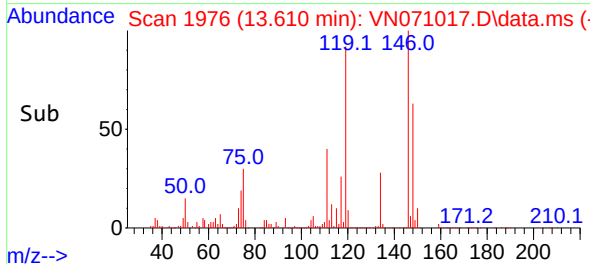
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



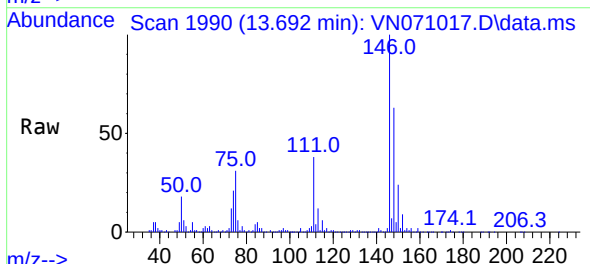
Tgt Ion:146 Resp: 715538
Ion Ratio Lower Upper
146 100
111 39.9 18.6 55.6
148 63.9 31.6 95.0

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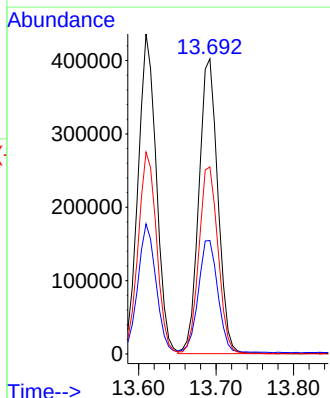
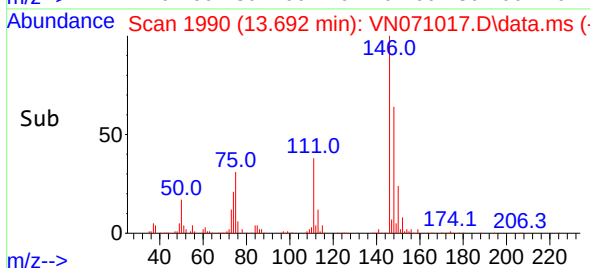
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

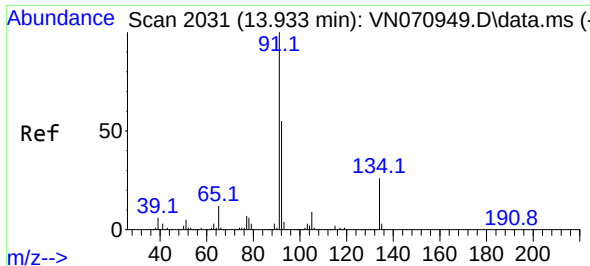


#88
1,4-Dichlorobenzene
Concen: 48.174 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51



Tgt Ion:146 Resp: 683029
Ion Ratio Lower Upper
146 100
111 39.3 18.3 54.8
148 64.4 31.8 95.4





#89
n-Butylbenzene
Concen: 50.303 ug/l
RT: 13.939 min Scan# 2031
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

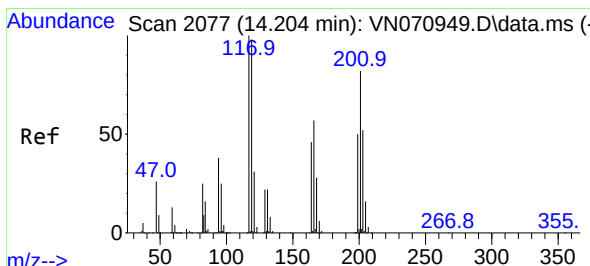
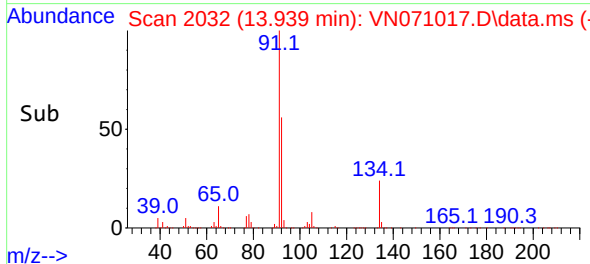
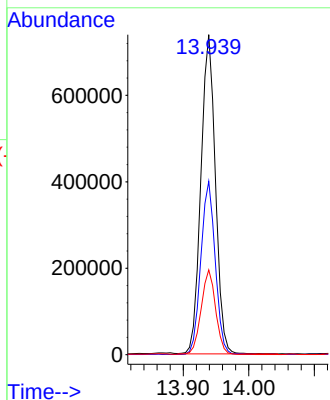
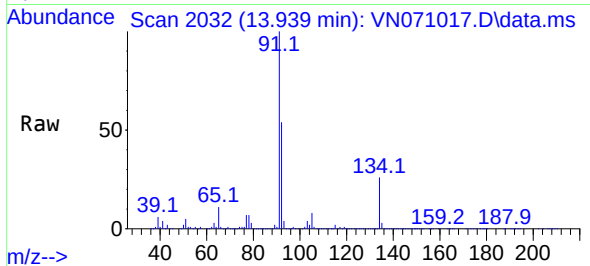
Tgt Ion: 91 Resp: 1139018
Ion Ratio Lower Upper
91 100
92 53.7 25.4 76.0
134 26.6 13.6 40.8

Manual Integrations

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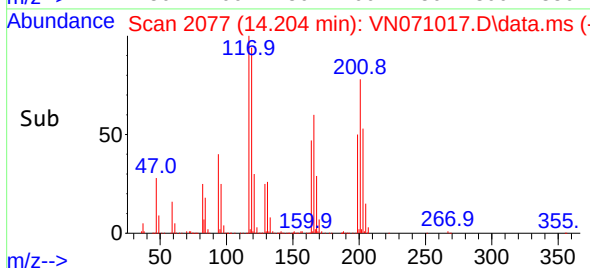
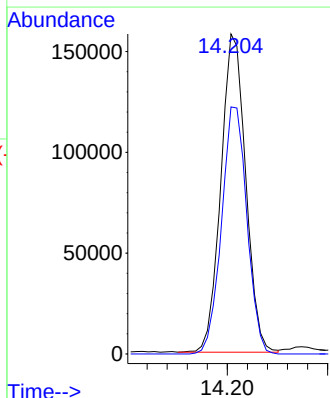
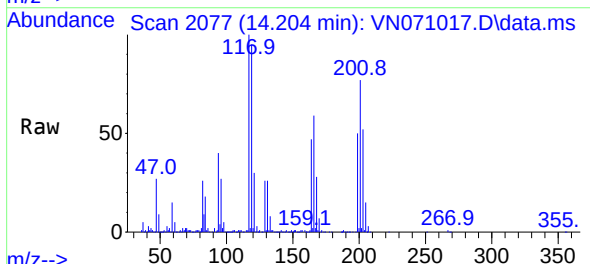
Reviewed By :John Carlone 02/22/2022

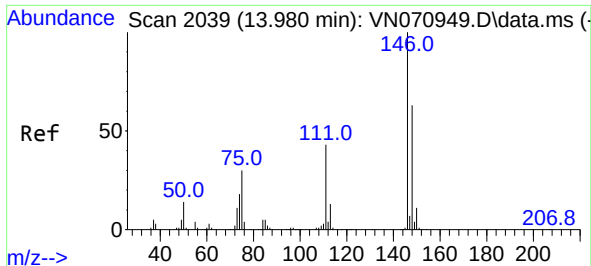
Supervised By :Mahesh Dadoda 02/22/2022



#90
Hexachloroethane
Concen: 54.628 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

Tgt Ion:117 Resp: 270761
Ion Ratio Lower Upper
117 100
201 79.2 43.9 131.6





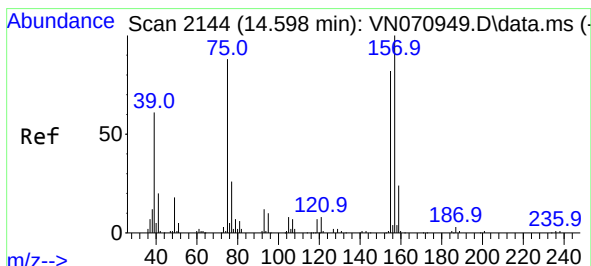
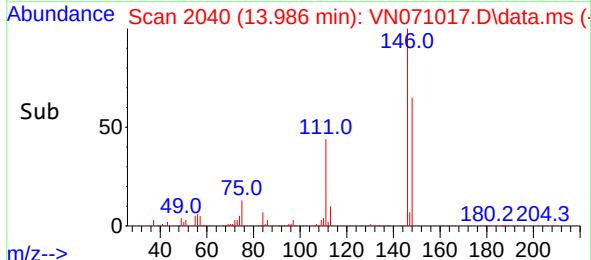
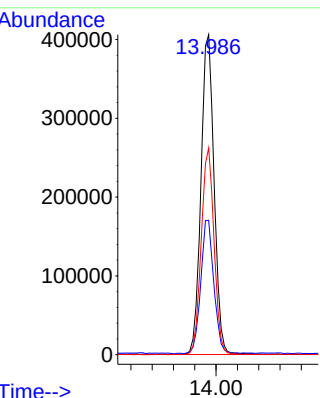
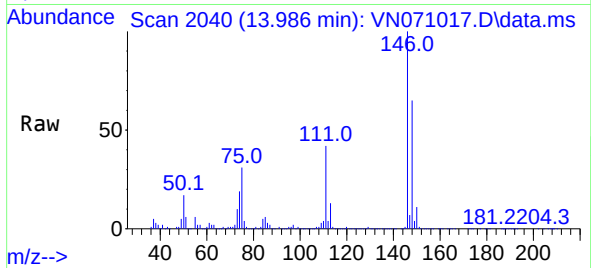
#91
1,2-Dichlorobenzene
Concen: 51.106 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 694475
Ion Ratio Lower Upper
146 100
111 41.7 19.1 57.3
148 63.0 32.1 96.3

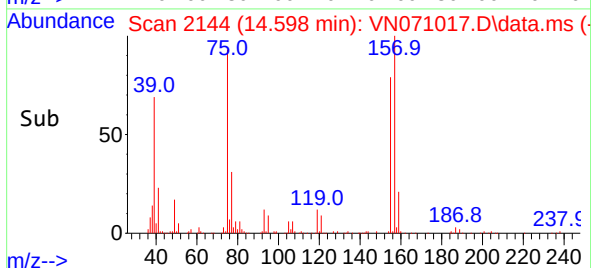
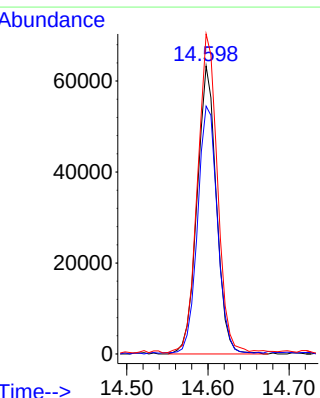
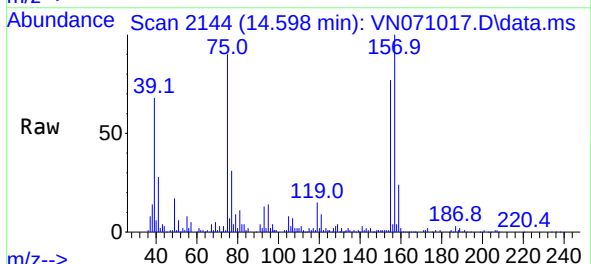
Manual Integrations
APPROVED

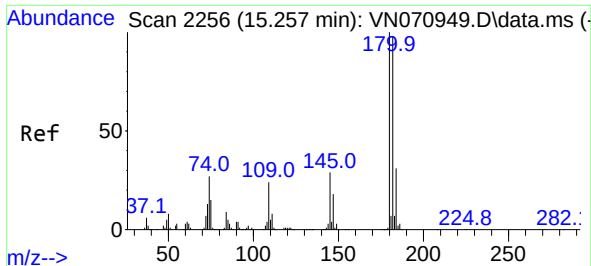
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 60.682 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

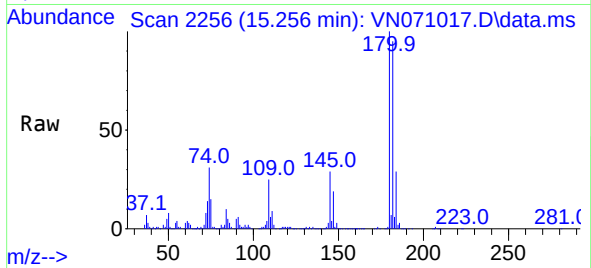
Tgt Ion: 75 Resp: 104330
Ion Ratio Lower Upper
75 100
155 87.6 46.9 140.7
157 114.3 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 44.646 ug/l
RT: 15.256 min Scan# 2256
Delta R.T. -0.001 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

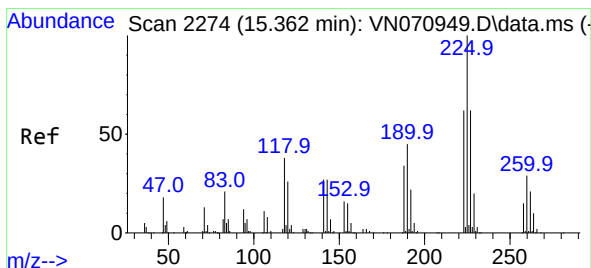
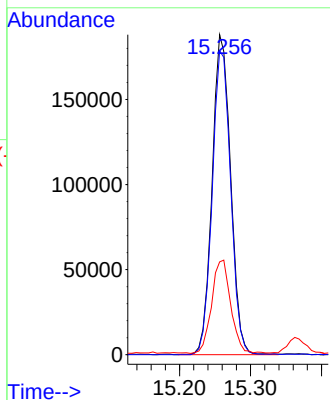
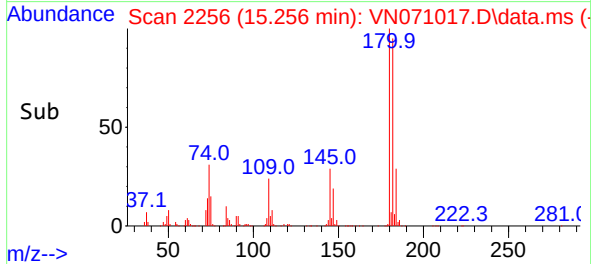
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



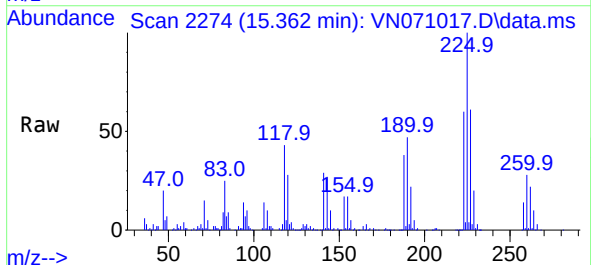
Tgt Ion:180 Resp: 33930
Ion Ratio Lower Upper
180 100
182 94.6 48.3 144.9
145 30.4 14.5 43.5

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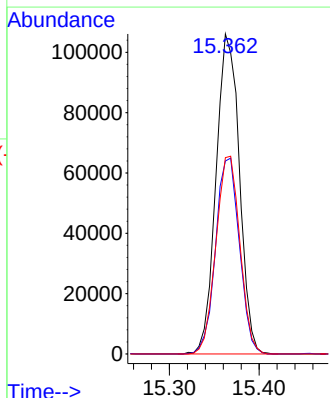
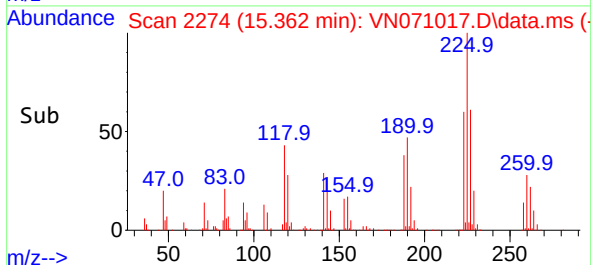
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

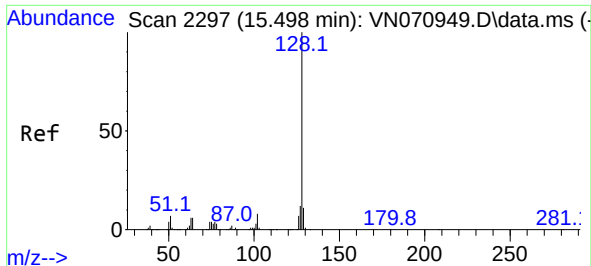


#94
Hexachlorobutadiene
Concen: 38.667 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51



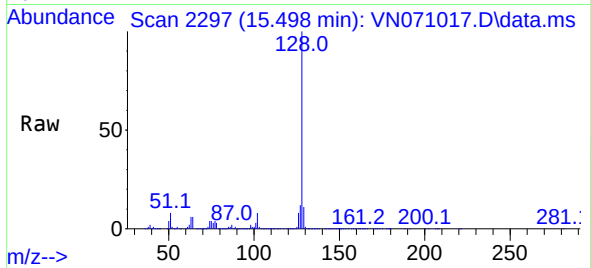
Tgt Ion:225 Resp: 191611
Ion Ratio Lower Upper
225 100
223 62.3 31.9 95.7
227 63.4 32.1 96.3





#95
Naphthalene
Concen: 54.232 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

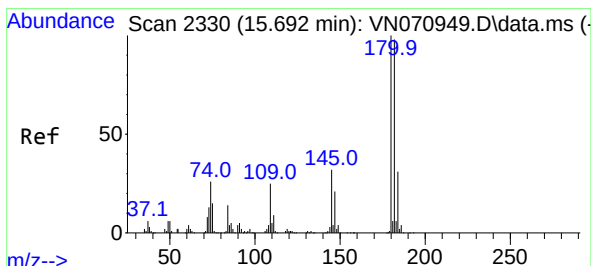
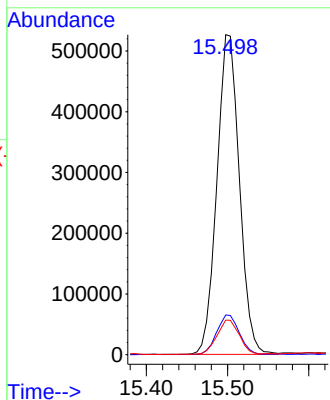
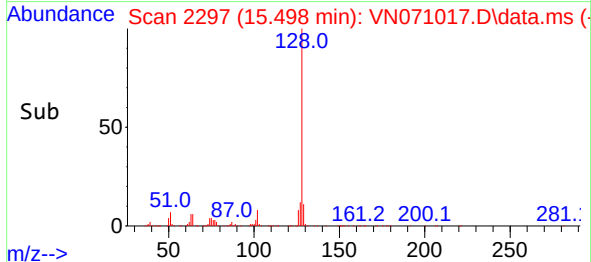
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 101458
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 47.422 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071017.D
Acq: 18 Feb 2022 21:51

Tgt Ion:180 Resp: 332954
Ion Ratio Lower Upper
180 100
182 94.6 47.4 142.2
145 31.1 15.0 45.1

