

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041322\
 Data File : VN071970.D
 Acq On : 13 Apr 2022 11:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2022
 Supervised By : Mahesh Dadoda 04/14/2022

Quant Time: Apr 14 02:29:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	500765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	766735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	714568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	302228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	268676	46.997	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.000%		
35) Dibromofluoromethane	8.016	113	231973	51.415	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.820%		
50) Toluene-d8	10.439	98	903237	48.938	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.880%		
62) 4-Bromofluorobenzene	12.727	95	311080	52.114	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	274889	69.048	ug/l	99
3) Chloromethane	2.298	50	283950	56.286	ug/l	98
4) Vinyl Chloride	2.440	62	289363	52.231	ug/l	99
5) Bromomethane	2.828	94	187530	52.072	ug/l	100
6) Chloroethane	2.998	64	191953	48.163	ug/l	99
7) Trichlorofluoromethane	3.369	101	403326	57.222	ug/l	100
8) Diethyl Ether	3.822	74	175597	58.949	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.210	101	244078	56.193	ug/l	98
10) Methyl Iodide	4.422	142	352625	58.077	ug/l	100
11) Tert butyl alcohol	5.363	59	236937	255.390	ug/l	99
12) 1,1-Dichloroethene	4.181	96	236942	57.325	ug/l	96
13) Acrolein	4.034	56	272528	240.919	ug/l	99
14) Allyl chloride	4.834	41	364618	54.350	ug/l	94
15) Acrylonitrile	5.545	53	797557	295.759	ug/l	98
16) Acetone	4.281	43	557099	228.024	ug/l #	88
17) Carbon Disulfide	4.528	76	599968	63.263	ug/l	100
18) Methyl Acetate	4.845	43	331590	54.958	ug/l	98
19) Methyl tert-butyl Ether	5.610	73	879270	57.261	ug/l	97
20) Methylene Chloride	5.092	84	291985	56.701	ug/l	97
21) trans-1,2-Dichloroethene	5.592	96	260759	57.468	ug/l	96
22) Diisopropyl ether	6.492	45	803833	55.038	ug/l	95
23) Vinyl Acetate	6.428	43	3414971	294.036	ug/l	98
24) 1,1-Dichloroethane	6.381	63	480844	56.082	ug/l	99
25) 2-Butanone	7.328	43	946049	268.602	ug/l	96
26) 2,2-Dichloropropane	7.322	77	374694	50.872	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	318752	57.286	ug/l	95
28) Bromochloromethane	7.651	49	174785	50.536	ug/l	93
29) Tetrahydrofuran	7.681	42	626254	274.599	ug/l	95
30) Chloroform	7.816	83	495853	54.771	ug/l	100
31) Cyclohexane	8.092	56	434536	55.892	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	417728	53.935	ug/l	97
36) 1,1-Dichloropropene	8.216	75	364846	57.907	ug/l	100
37) Ethyl Acetate	7.410	43	379157	54.981	ug/l	96
38) Carbon Tetrachloride	8.204	117	355749	57.612	ug/l	95
39) Methylcyclohexane	9.457	83	471996	62.933	ug/l	99
40) Benzene	8.457	78	1169183	58.744	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	182963	54.185	ug/l	95
42) 1,2-Dichloroethane	8.527	62	379660	55.143	ug/l	96
43) Isopropyl Acetate	8.557	43	583992	50.913	ug/l	96
44) Trichloroethene	9.210	130	297686	58.055	ug/l	99
45) 1,2-Dichloropropane	9.486	63	290959	58.517	ug/l	99
46) Dibromomethane	9.574	93	198718	58.863	ug/l	98
47) Bromodichloromethane	9.757	83	391812	58.960	ug/l	98
48) Methyl methacrylate	9.557	41	281572	59.168	ug/l	91
49) 1,4-Dioxane	9.563	88	125468	1112.891	ug/l	98
51) 4-Methyl-2-Pentanone	10.327	43	1925652	291.993	ug/l	96
52) Toluene	10.498	92	754840	59.997	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	426153	61.187	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	473520	61.532	ug/l #	91
55) 1,1,2-Trichloroethane	10.892	97	305809	59.060	ug/l	98
56) Ethyl methacrylate	10.757	69	479019	64.849	ug/l #	90
57) 1,3-Dichloropropane	11.039	76	510964	59.020	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	545871	240.714	ug/l	99
59) 2-Hexanone	11.080	43	1361271	293.180	ug/l	94
60) Dibromochloromethane	11.233	129	318523	63.088	ug/l	100
61) 1,2-Dibromoethane	11.339	107	313059	61.421	ug/l	98
64) Tetrachloroethene	10.974	164	267101	56.607	ug/l	98
65) Chlorobenzene	11.763	112	810089	56.617	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	298996	57.911	ug/l	98
67) Ethyl Benzene	11.839	91	1413233	58.345	ug/l	99
68) m/p-Xylenes	11.951	106	1117923	120.121	ug/l	99
69) o-Xylene	12.274	106	546969	59.212	ug/l	98
70) Styrene	12.286	104	892348	63.757	ug/l	98
71) Bromoform	12.451	173	247714	63.003	ug/l	99
73) Isopropylbenzene	12.574	105	1392603	54.681	ug/l	99
74) N-amyl acetate	12.380	43	400719	54.915	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	441945	52.009	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	385990m	55.131	ug/l	
77) Bromobenzene	12.857	156	343768	53.845	ug/l	98
78) n-propylbenzene	12.915	91	1520310	56.749	ug/l	100
79) 2-Chlorotoluene	13.004	91	928731	54.056	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1125618	55.783	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	128179	56.735	ug/l	95
82) 4-Chlorotoluene	13.098	91	876667	55.049	ug/l	99
83) tert-Butylbenzene	13.315	119	1015612	55.061	ug/l	98
84) 1,2,4-Trimethylbenzene	13.362	105	1110056	56.382	ug/l	99
85) sec-Butylbenzene	13.498	105	1361576	56.943	ug/l	99
86) p-Isopropyltoluene	13.610	119	1120894	58.793	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	566160	55.663	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	546713	55.095	ug/l	98
89) n-Butylbenzene	13.939	91	812388	57.451	ug/l	99
90) Hexachloroethane	14.204	117	197767	56.667	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	545260	54.606	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	74038	56.172	ug/l	96
93) 1,2,4-Trichlorobenzene	15.256	180	260559	53.997	ug/l	99
94) Hexachlorobutadiene	15.362	225	151651	51.494	ug/l	100
95) Naphthalene	15.504	128	765181	55.172	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	264759	56.493	ug/l	99

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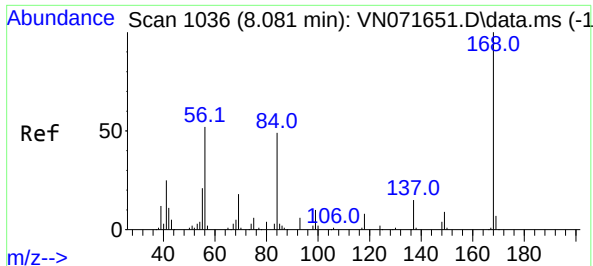
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

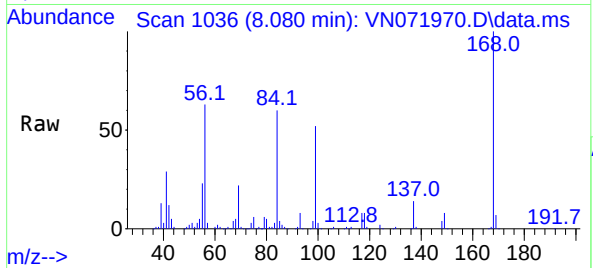
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
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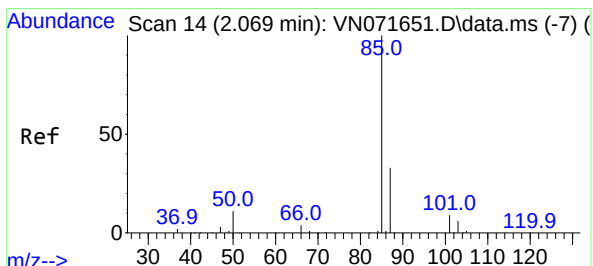
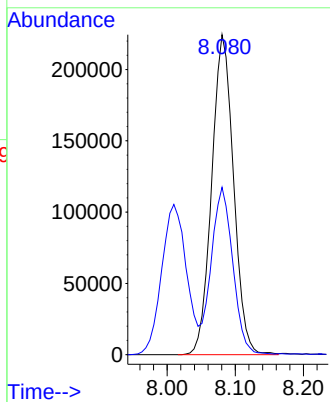
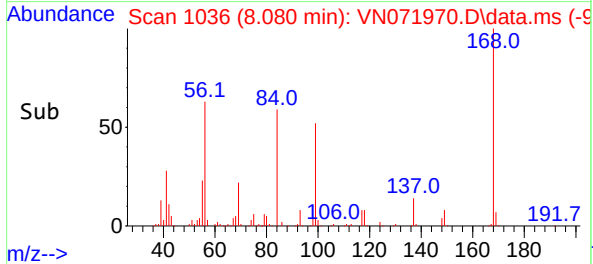
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



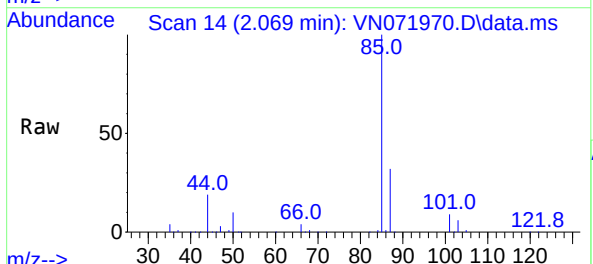
Tgt Ion:168 Resp: 500768
Ion Ratio Lower Upper
168 100
99 52.0 42.3 63.5

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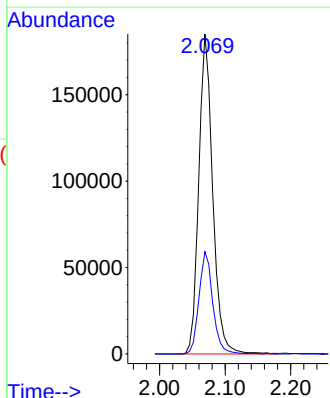
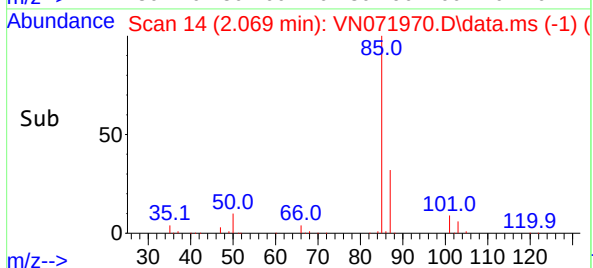
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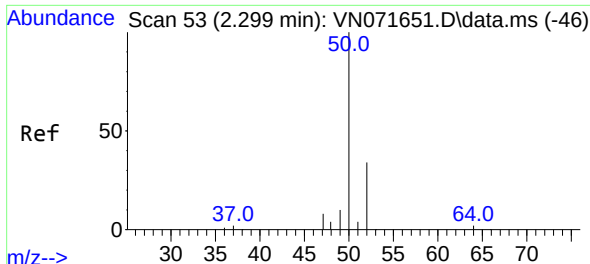


#2
Dichlorodifluoromethane
Concen: 69.048 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32



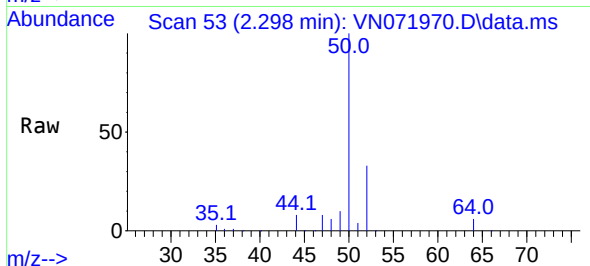
Tgt Ion: 85 Resp: 274889
Ion Ratio Lower Upper
85 100
87 31.9 15.7 47.1





#3
Chloromethane
Concen: 56.286 ug/l
RT: 2.298 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

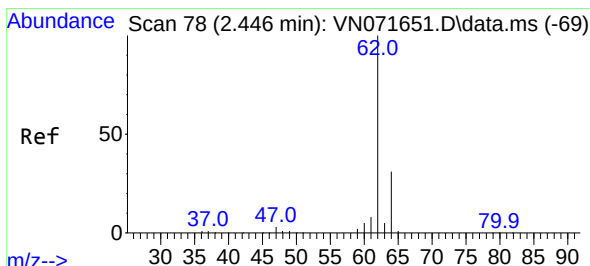
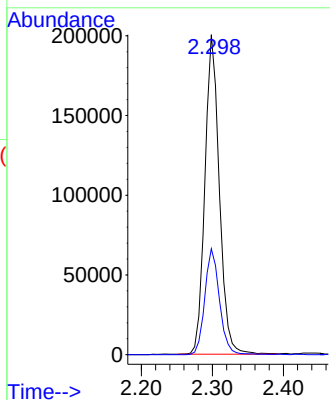
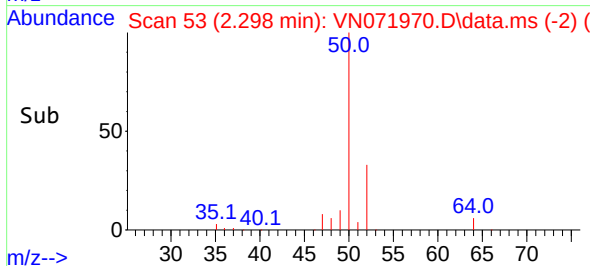
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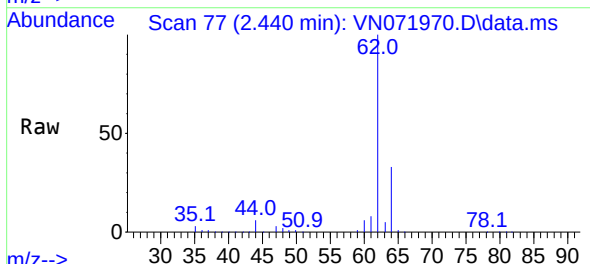
Tgt Ion: 50 Resp: 283950
Ion Ratio Lower Upper
50 100
52 33.1 25.7 38.5

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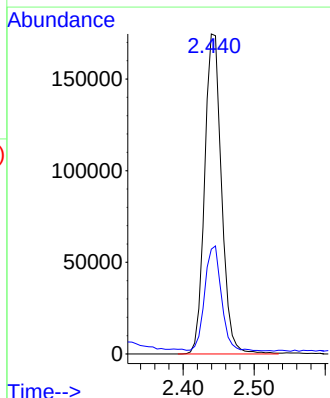
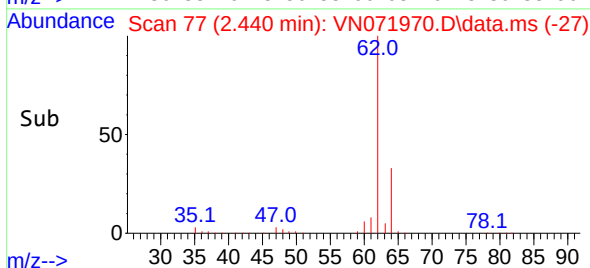
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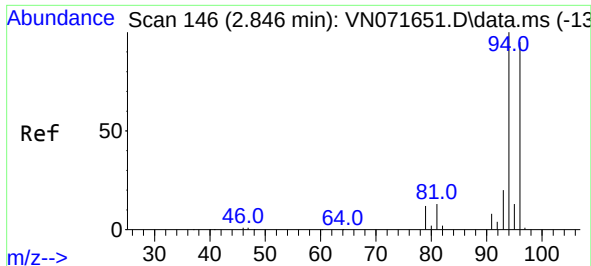


#4
Vinyl Chloride
Concen: 52.231 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN071970.D
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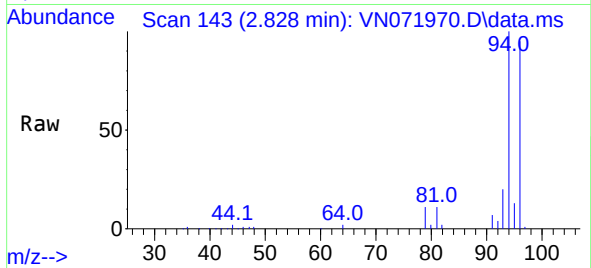
Tgt Ion: 62 Resp: 289363
Ion Ratio Lower Upper
62 100
64 31.6 25.0 37.4





#5
Bromomethane
Concen: 52.072 ug/l
RT: 2.828 min Scan# 146
Delta R.T. -0.018 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

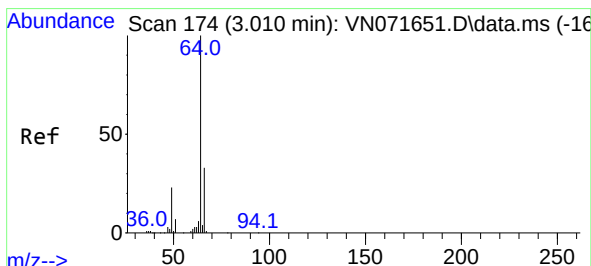
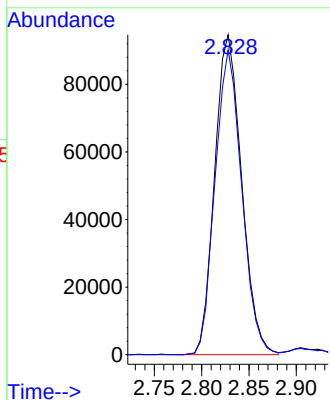
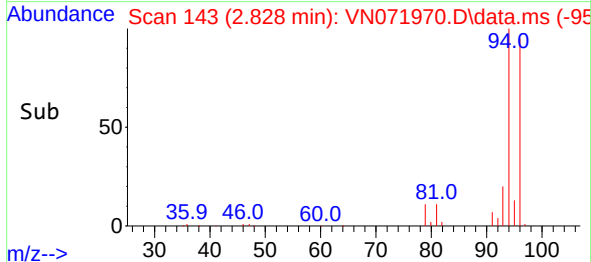
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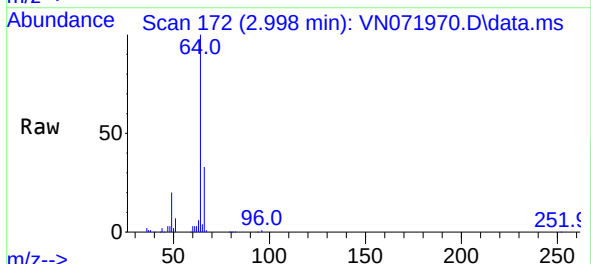
Tgt Ion: 94 Resp: 187530
Ion Ratio Lower Upper
94 100
96 95.3 76.0 114.0

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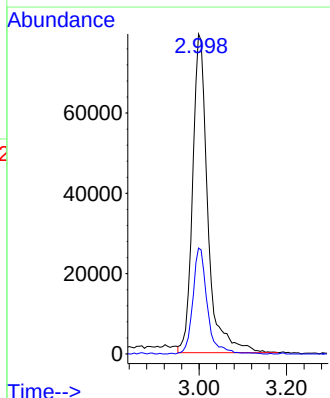
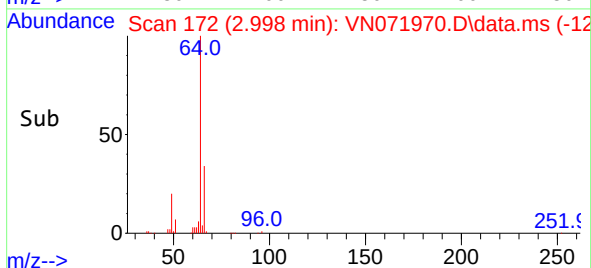
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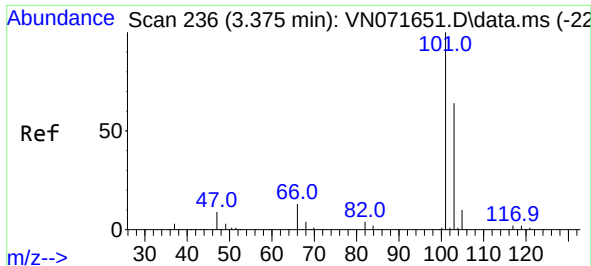


#6
Chloroethane
Concen: 48.163 ug/l
RT: 2.998 min Scan# 172
Delta R.T. -0.012 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32



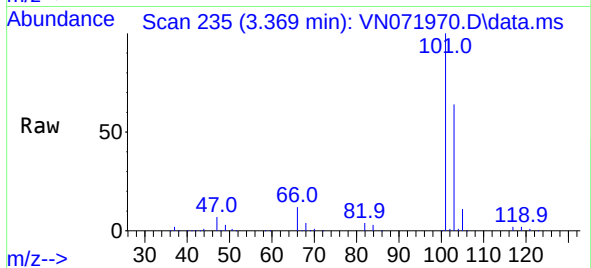
Tgt Ion: 64 Resp: 191953
Ion Ratio Lower Upper
64 100
66 33.2 26.2 39.4





#7
Trichlorofluoromethane
Concen: 57.222 ug/l
RT: 3.369 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071970.D
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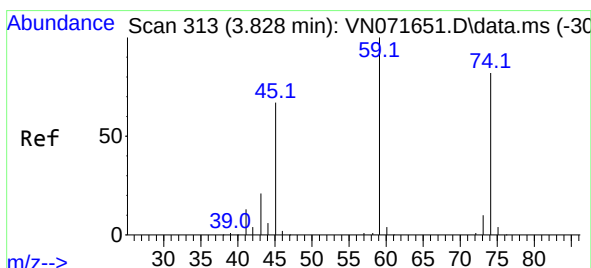
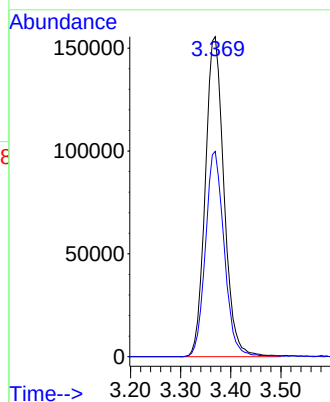
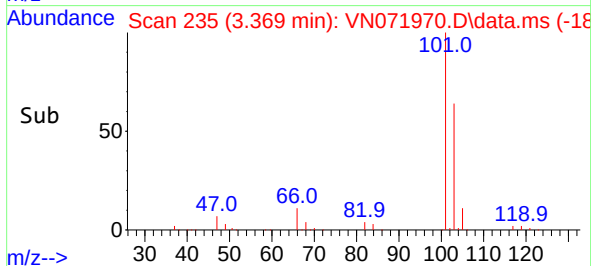
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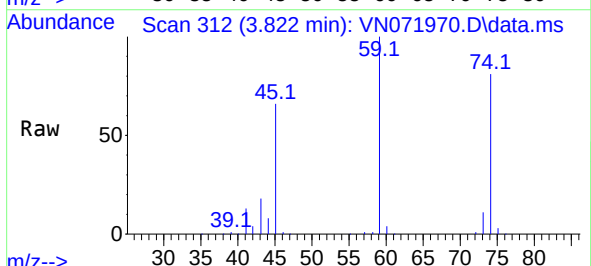
Tgt Ion:101 Resp: 403320
Ion Ratio Lower Upper
101 100
103 64.2 51.5 77.3

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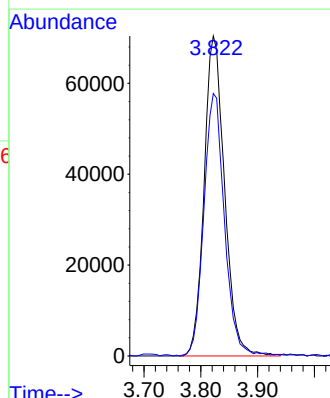
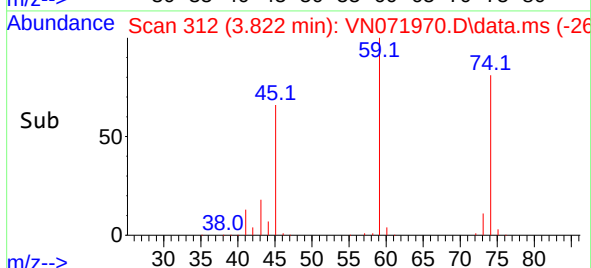
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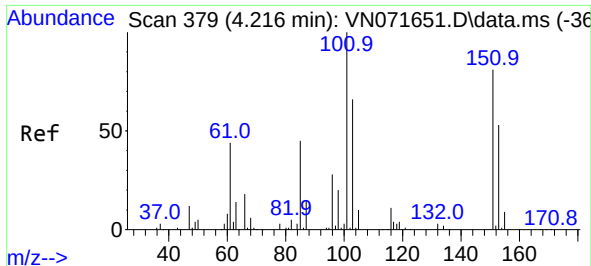


#8
Diethyl Ether
Concen: 58.949 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN071970.D
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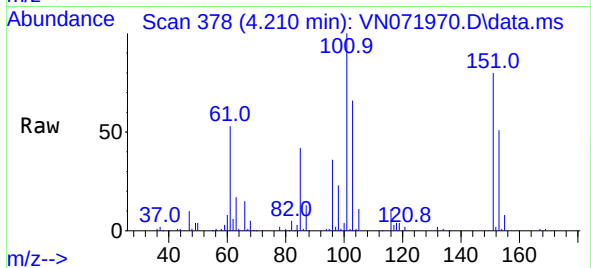
Tgt Ion: 74 Resp: 175597
Ion Ratio Lower Upper
74 100
45 82.9 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.193 ug/l
RT: 4.210 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN071970.D
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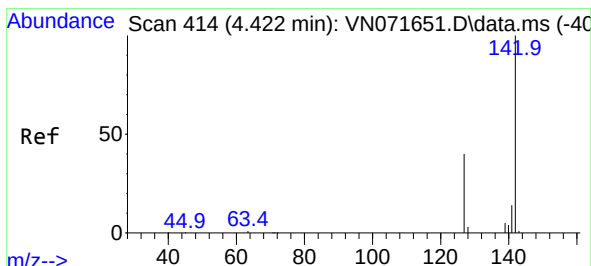
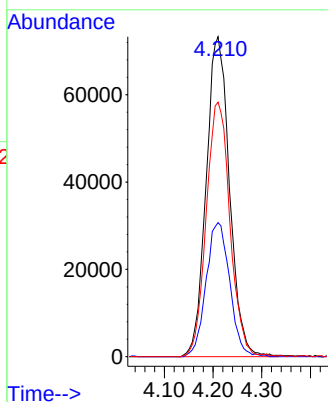
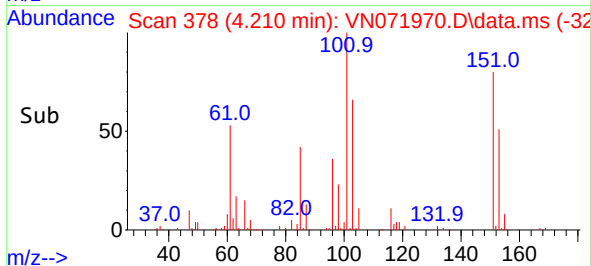
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



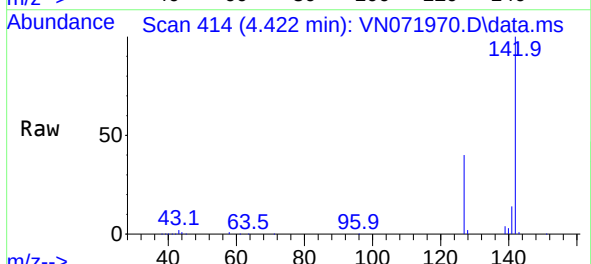
Tgt Ion:101 Resp: 244078
Ion Ratio Lower Upper
101 100
85 42.5 34.7 52.1
151 81.0 63.0 94.4

Manual Integrations
APPROVED

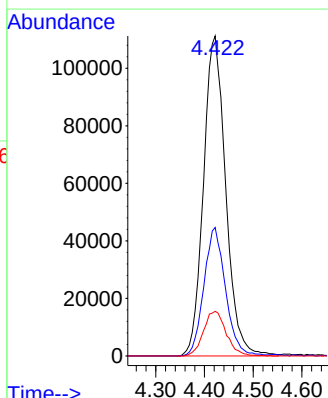
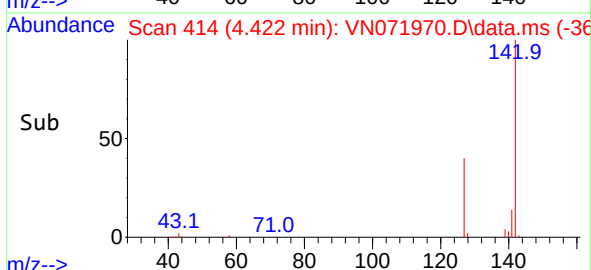
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

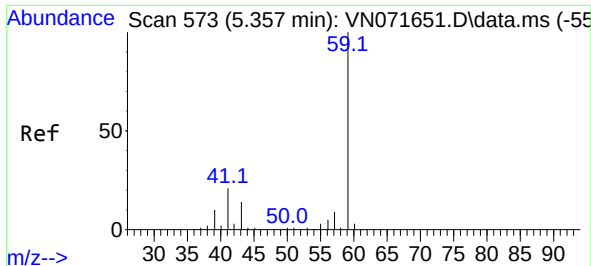


#10
Methyl Iodide
Concen: 58.077 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32



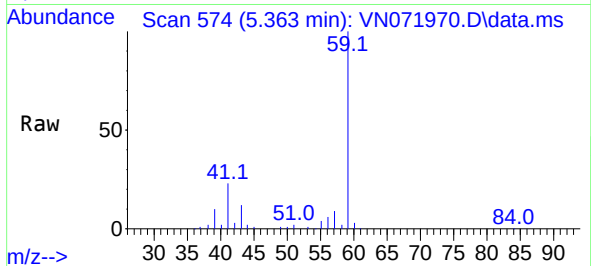
Tgt Ion:142 Resp: 352625
Ion Ratio Lower Upper
142 100
127 39.1 31.3 46.9
141 14.3 11.2 16.8





#11
Tert butyl alcohol
Concen: 255.390 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

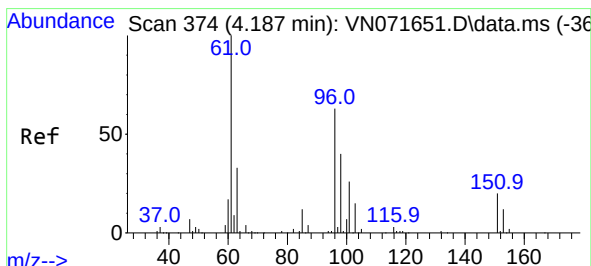
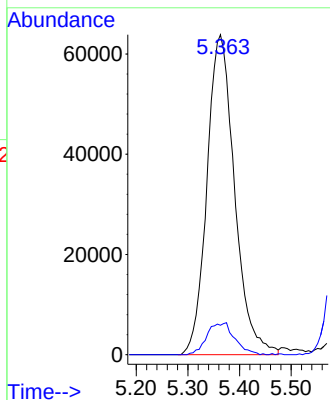
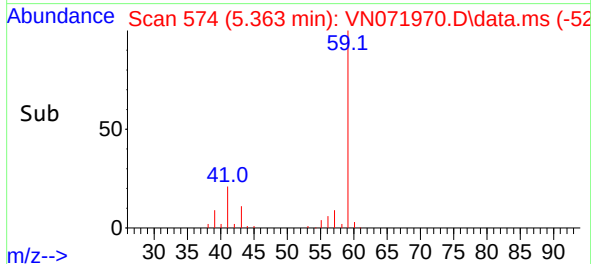
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



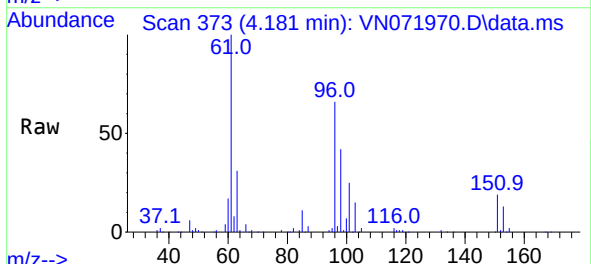
Tgt Ion: 59 Resp: 23693
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

Manual Integrations
APPROVED

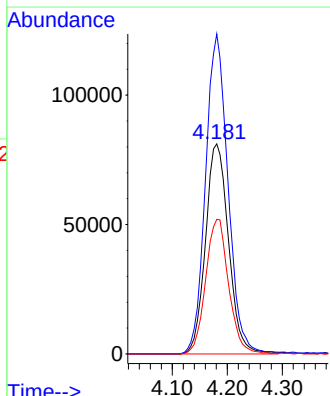
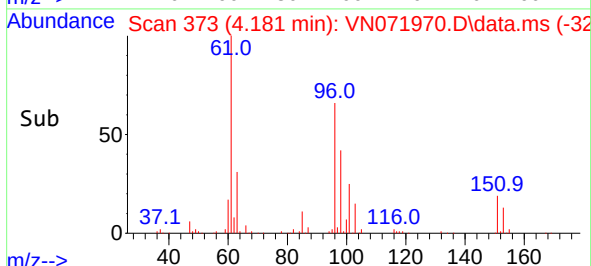
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

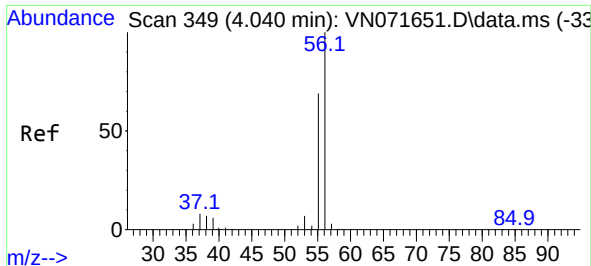


#12
1,1-Dichloroethene
Concen: 57.325 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.006 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32



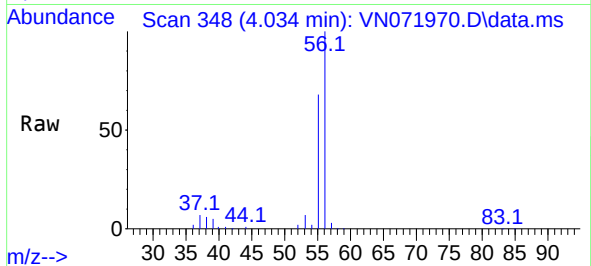
Tgt Ion: 96 Resp: 236942
Ion Ratio Lower Upper
96 100
61 152.3 127.6 191.4
98 64.0 51.2 76.8





#13
Acrolein
Concen: 240.919 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

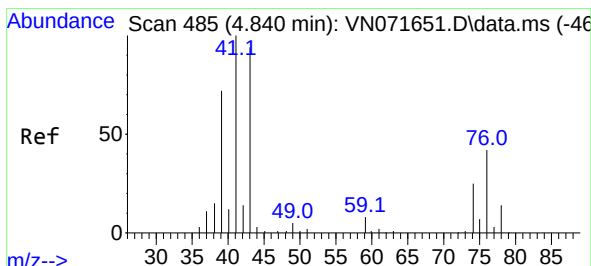
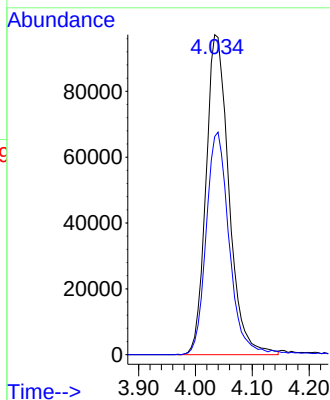
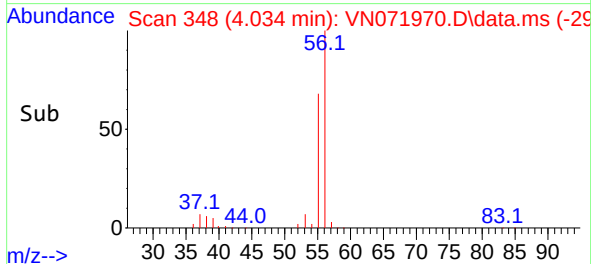
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



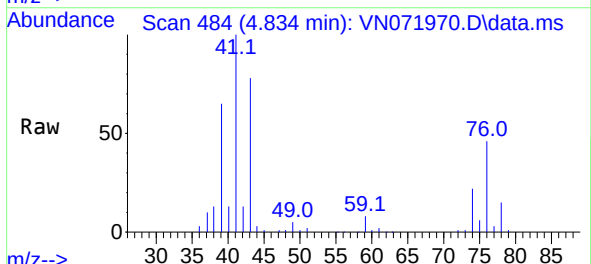
Tgt Ion: 56 Resp: 272528
Ion Ratio Lower Upper
56 100
55 69.2 54.8 82.2

Manual Integrations
APPROVED

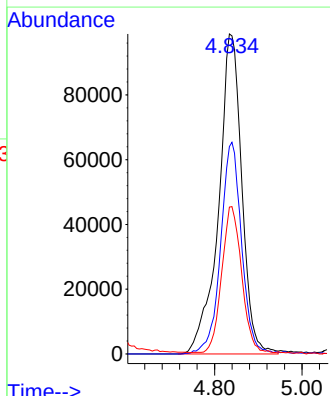
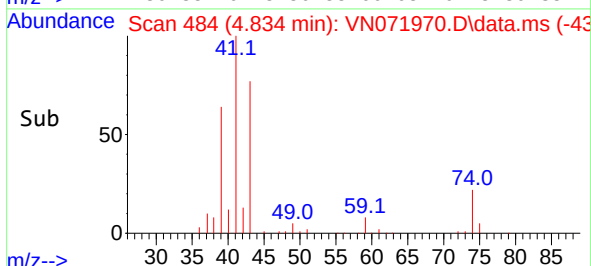
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

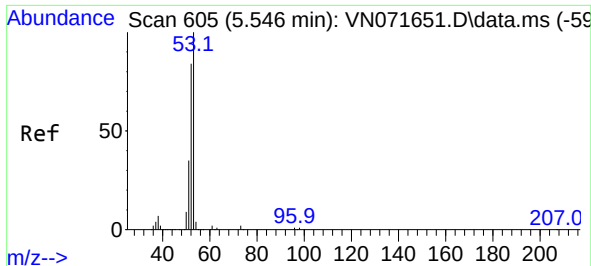


#14
Allyl chloride
Concen: 54.350 ug/l
RT: 4.834 min Scan# 484
Delta R.T. -0.006 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32



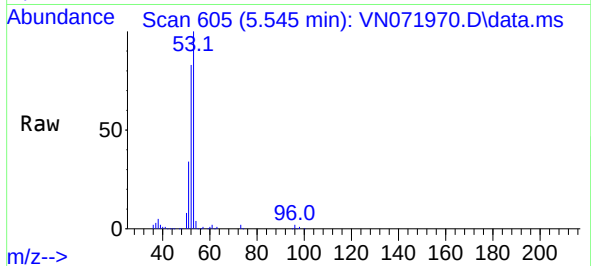
Tgt Ion: 41 Resp: 364618
Ion Ratio Lower Upper
41 100
39 59.7 53.2 79.8
76 38.8 29.9 44.9





#15
Acrylonitrile
Concen: 295.759 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.001 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

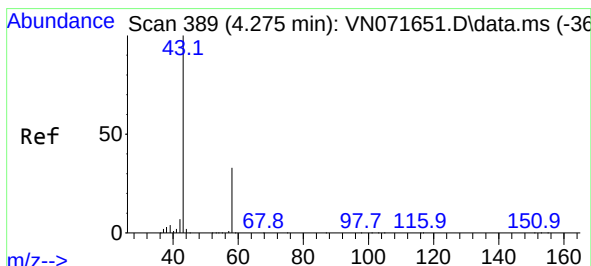
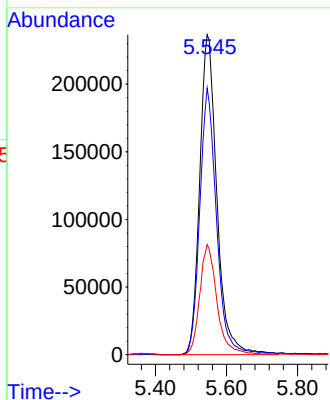
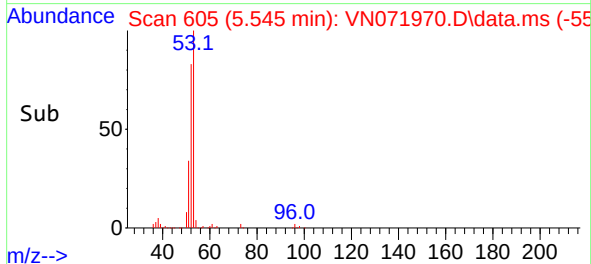
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



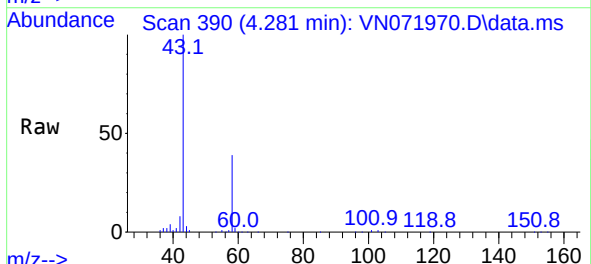
Tgt Ion: 53 Resp: 79755
Ion Ratio Lower Upper
53 100
52 80.7 66.4 99.6
51 34.5 28.5 42.7

Manual Integrations
APPROVED

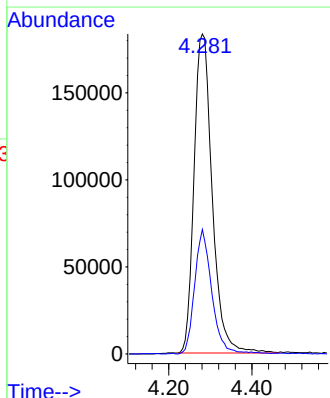
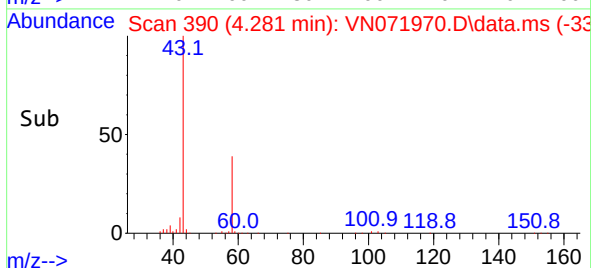
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

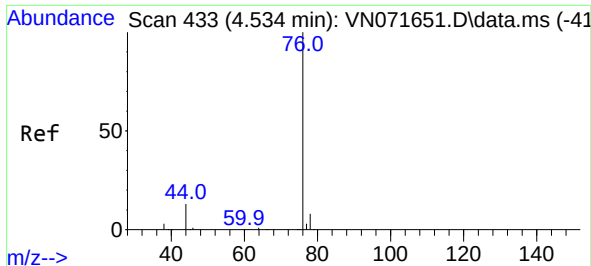


#16
Acetone
Concen: 228.024 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32



Tgt Ion: 43 Resp: 557099
Ion Ratio Lower Upper
43 100
58 39.0 26.0 39.0#





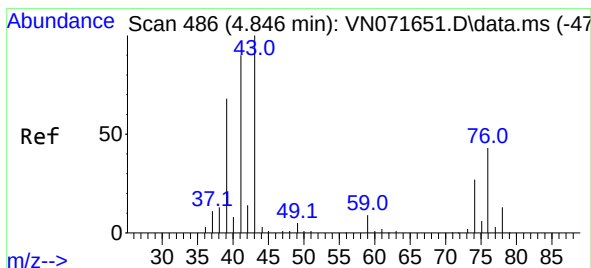
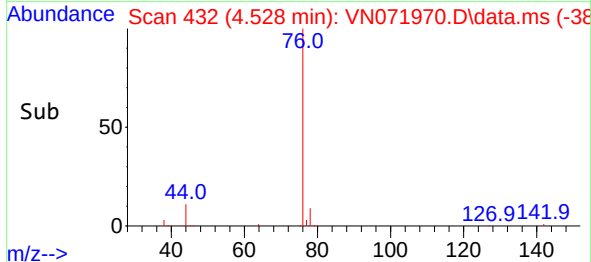
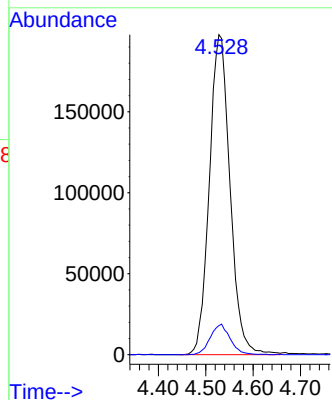
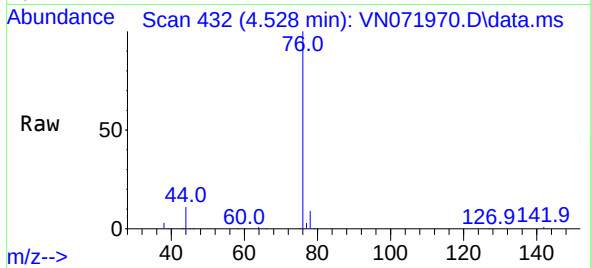
#17
Carbon Disulfide
Concen: 63.263 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 59996
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

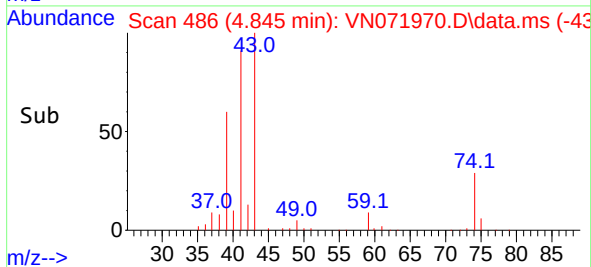
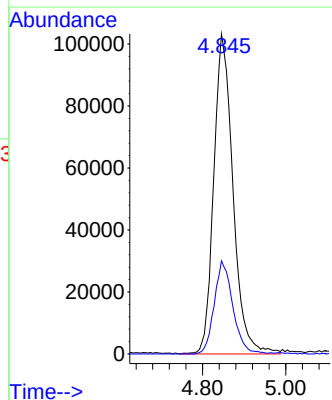
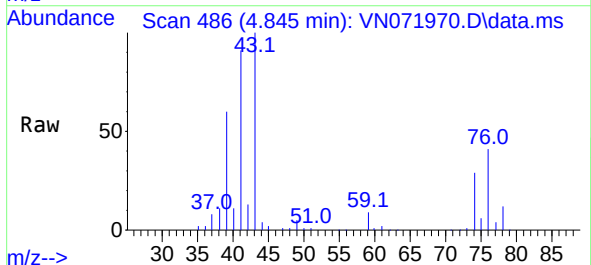
Manual Integrations
APPROVED

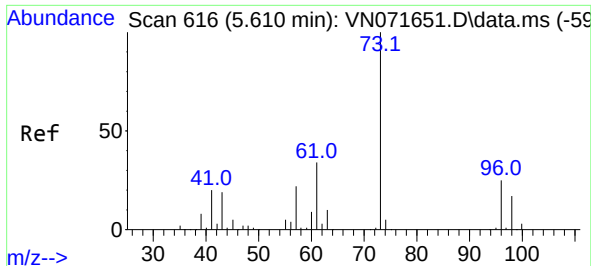
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#18
Methyl Acetate
Concen: 54.958 ug/l
RT: 4.845 min Scan# 486
Delta R.T. -0.001 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

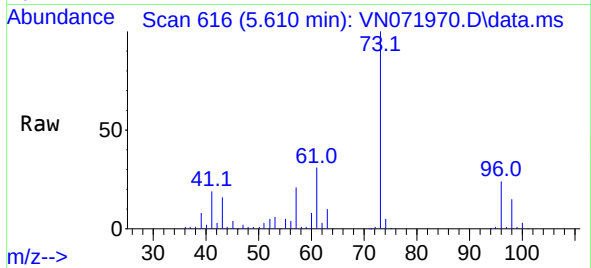
Tgt Ion: 43 Resp: 331590
Ion Ratio Lower Upper
43 100
74 28.1 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 57.261 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

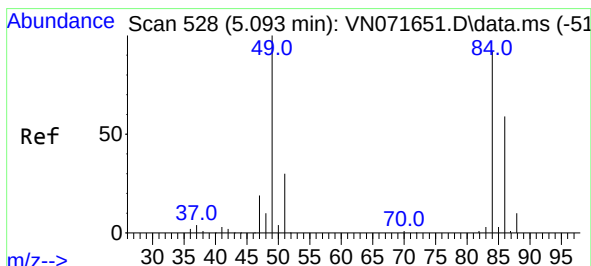
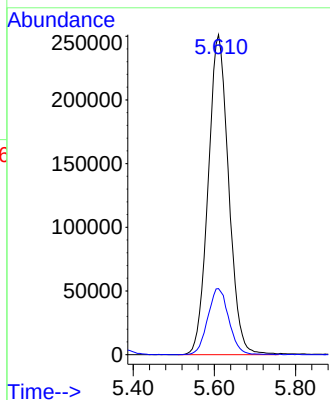
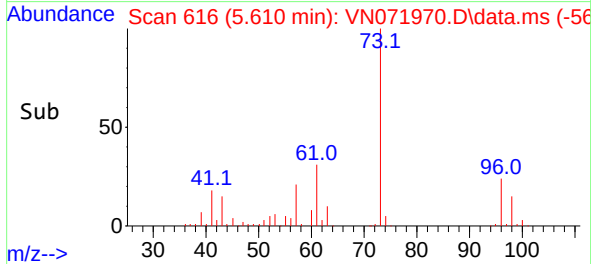
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



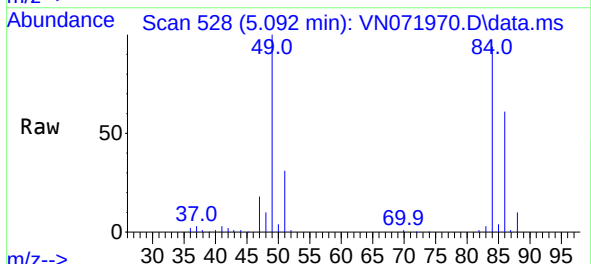
Tgt Ion: 73 Resp: 879270
Ion Ratio Lower Upper
73 100
57 20.7 17.6 26.4

Manual Integrations
APPROVED

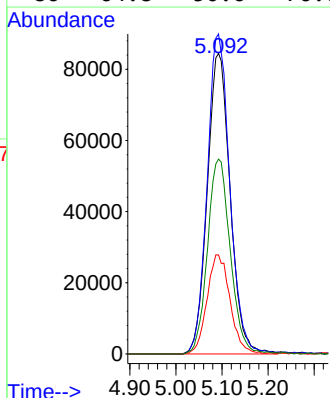
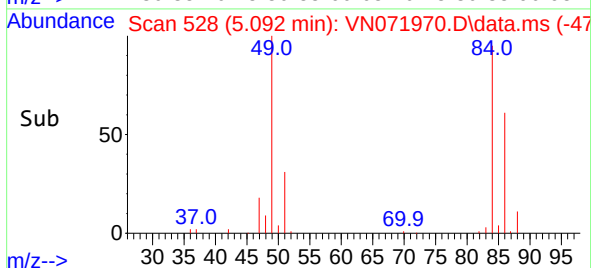
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

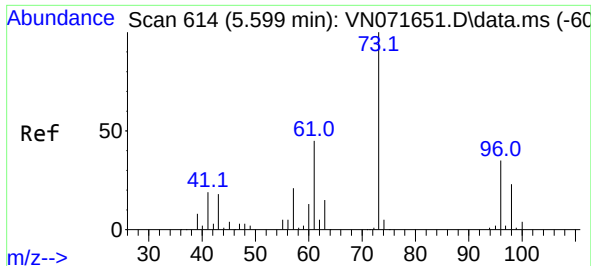


#20
Methylene Chloride
Concen: 56.701 ug/l
RT: 5.092 min Scan# 528
Delta R.T. -0.001 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32



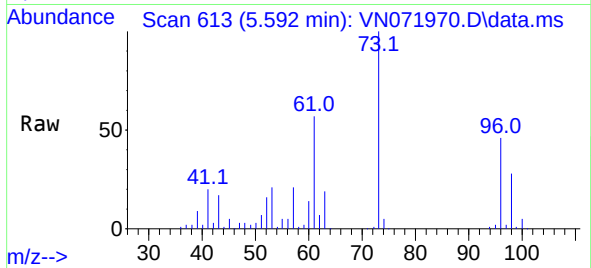
Tgt Ion: 84 Resp: 291985
Ion Ratio Lower Upper
84 100
49 106.4 88.3 132.5
51 33.0 28.2 42.2
86 64.8 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 57.468 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.007 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

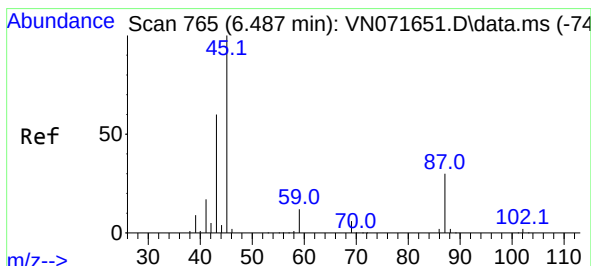
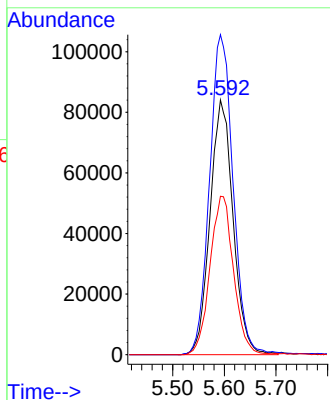
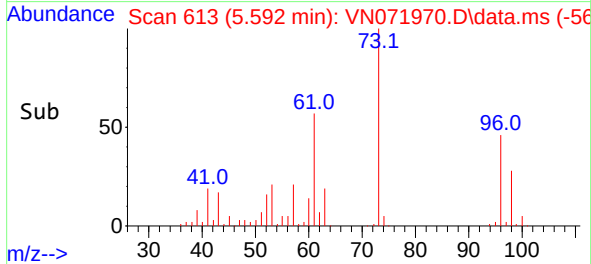
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



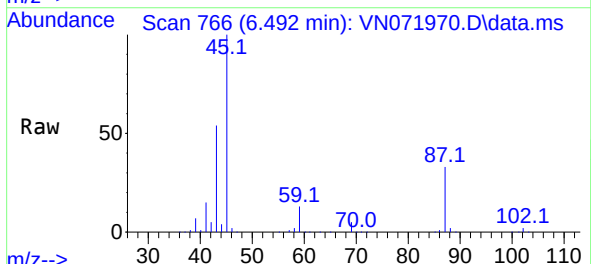
Tgt Ion: 96 Resp: 260759
Ion Ratio Lower Upper
96 100
61 125.6 105.8 158.8
98 62.2 50.3 75.5

Manual Integrations
APPROVED

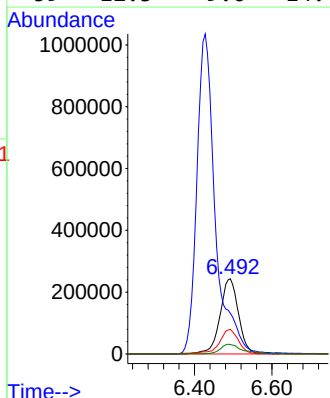
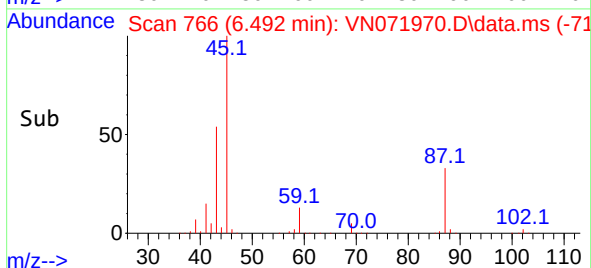
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

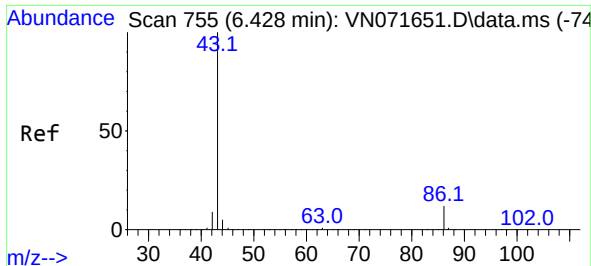


#22
Diisopropyl ether
Concen: 55.038 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32



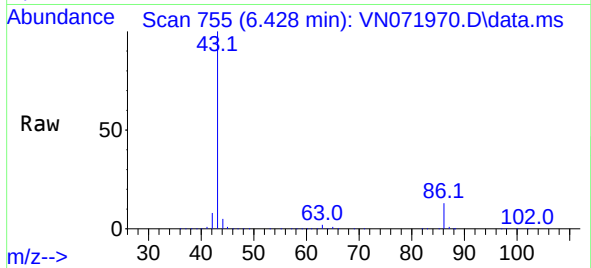
Tgt Ion: 45 Resp: 803833
Ion Ratio Lower Upper
45 100
43 53.8 46.6 70.0
87 32.8 24.3 36.5
59 12.3 9.6 14.4





#23
 Vinyl Acetate
 Concen: 294.036 ug/l
 RT: 6.428 min Scan# 747
 Delta R.T. -0.000 min
 Lab File: VN071970.D
 Acq: 13 Apr 2022 11:32

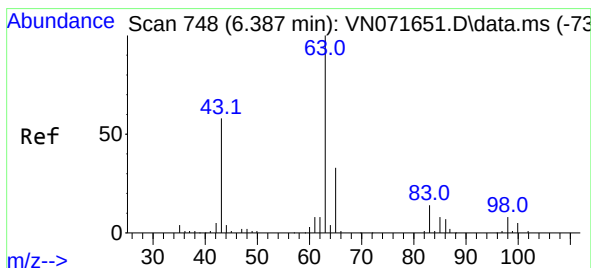
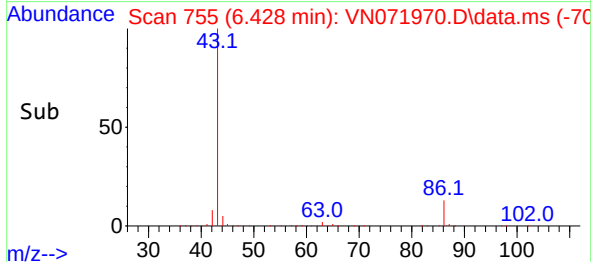
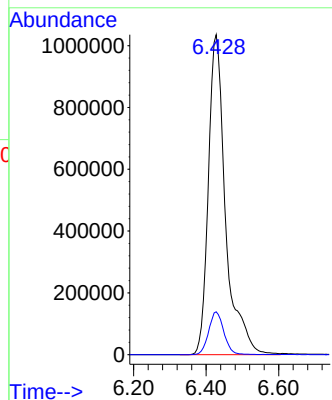
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 341497
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.0 15.0

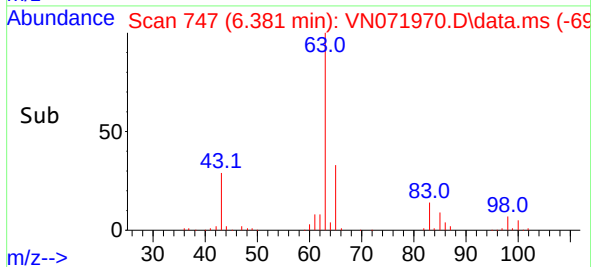
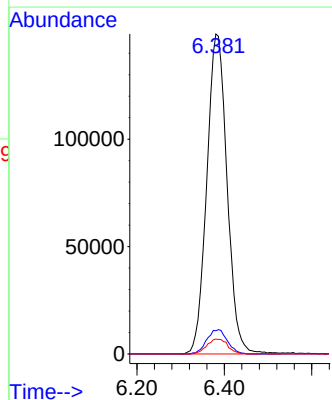
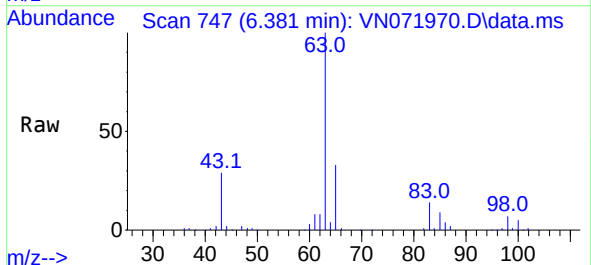
Manual Integrations
 APPROVED

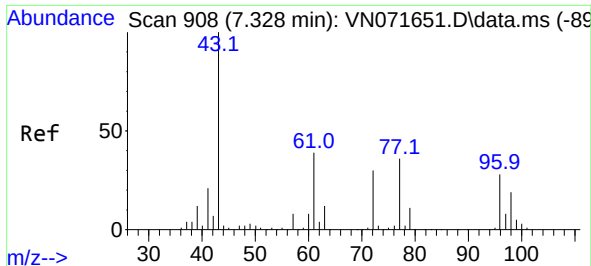
Reviewed By :John Carlone 04/14/2022
 Supervised By :Mahesh Dadoda 04/14/2022



#24
 1,1-Dichloroethane
 Concen: 56.082 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN071970.D
 Acq: 13 Apr 2022 11:32

Tgt Ion: 63 Resp: 480844
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 268.602 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN071970.D

Acq: 13 Apr 2022 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 946049

Ion Ratio Lower Upper

43 100

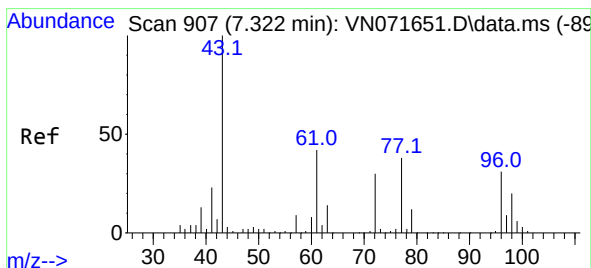
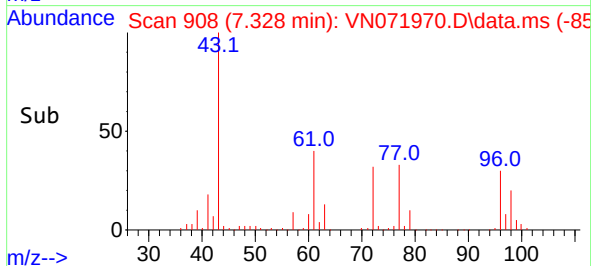
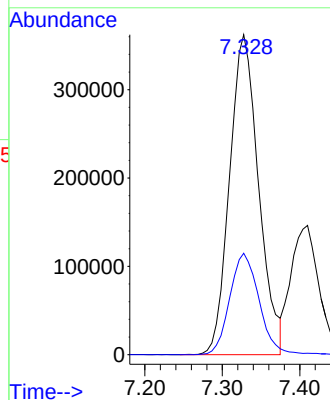
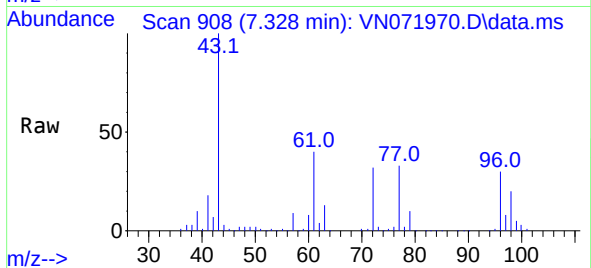
72 31.7 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022



#26

2,2-Dichloropropane

Concen: 50.872 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN071970.D

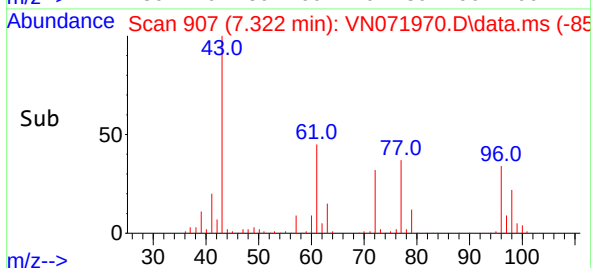
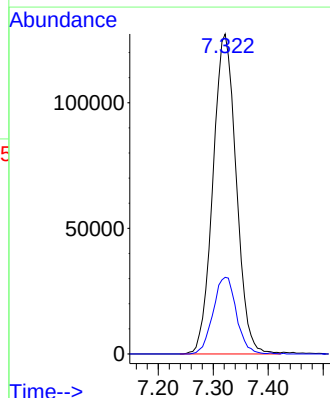
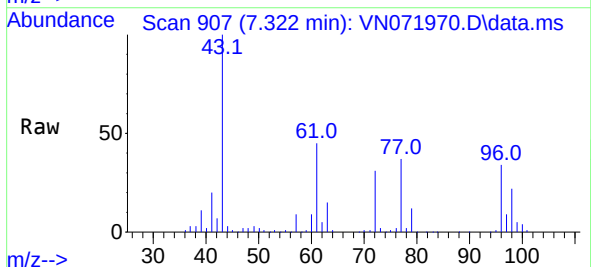
Acq: 13 Apr 2022 11:32

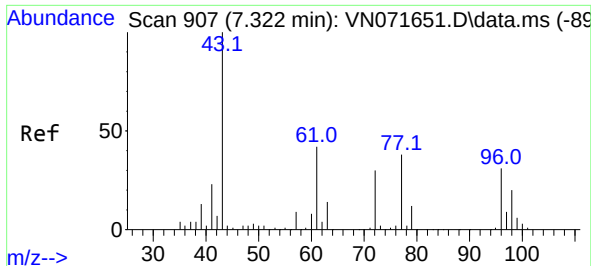
Tgt Ion: 77 Resp: 374694

Ion Ratio Lower Upper

77 100

97 23.9 11.4 34.2





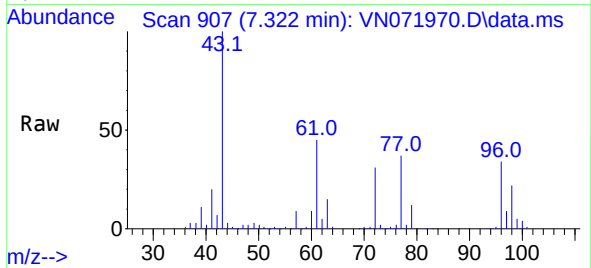
#27
 cis-1,2-Dichloroethene
 Concen: 57.286 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN071970.D
 Acq: 13 Apr 2022 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

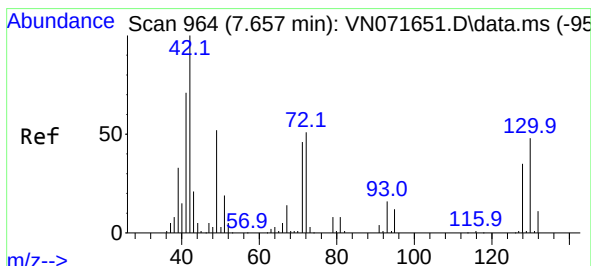
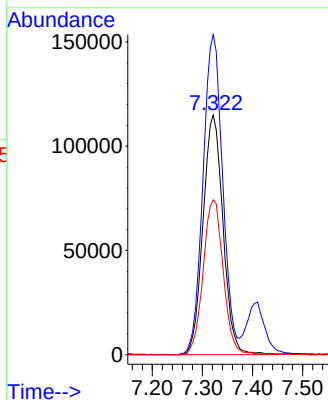
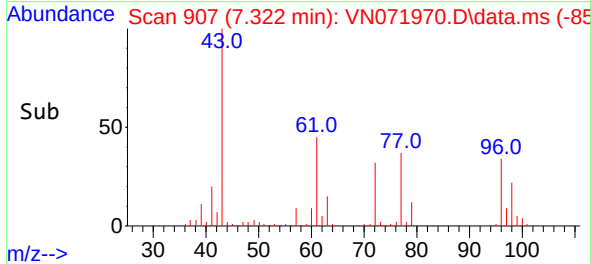


Tgt Ion: 96 Resp: 318752
 Ion Ratio Lower Upper
 96 100
 61 131.6 0.0 280.6
 98 64.8 0.0 128.4

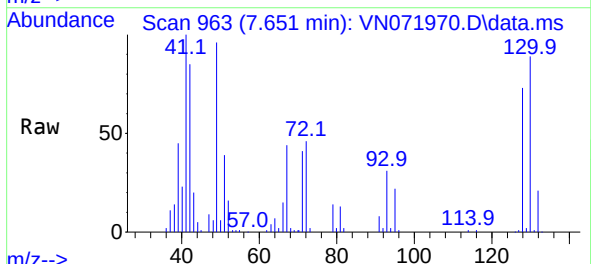
Manual Integrations

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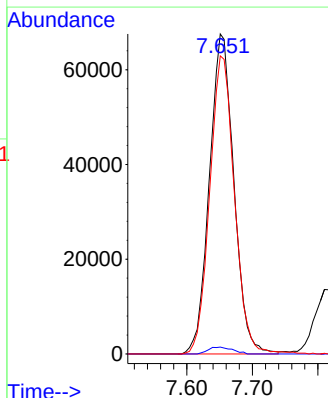
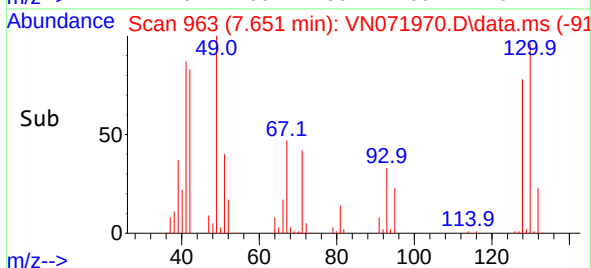
Reviewed By :John Carlone 04/14/2022
 Supervised By :Mahesh Dadoda 04/14/2022

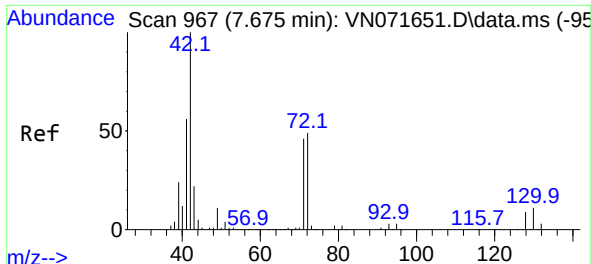


#28
 Bromochloromethane
 Concen: 50.536 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. -0.006 min
 Lab File: VN071970.D
 Acq: 13 Apr 2022 11:32



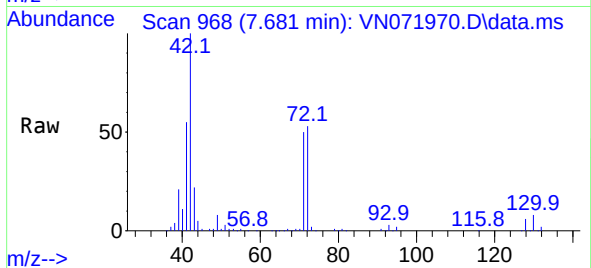
Tgt Ion: 49 Resp: 174785
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 94.1 69.7 104.5





#29
Tetrahydrofuran
Concen: 274.599 ug/l
RT: 7.681 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

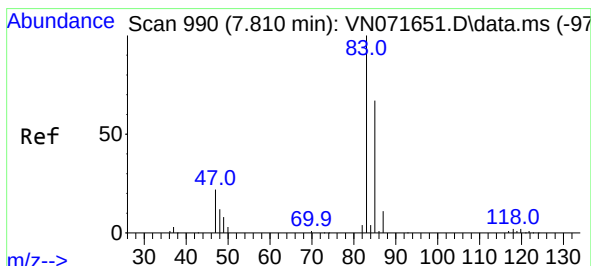
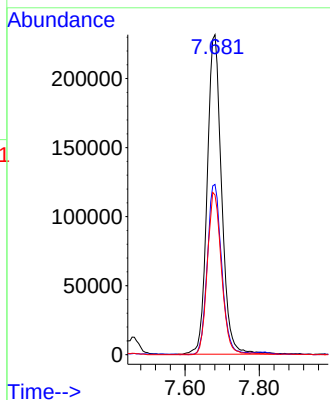
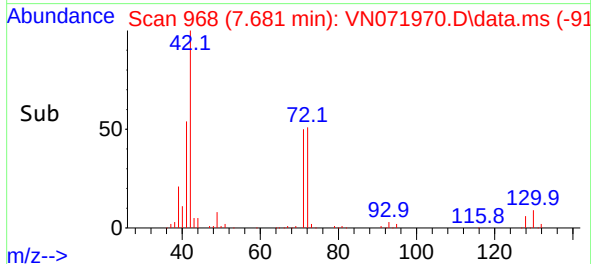
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



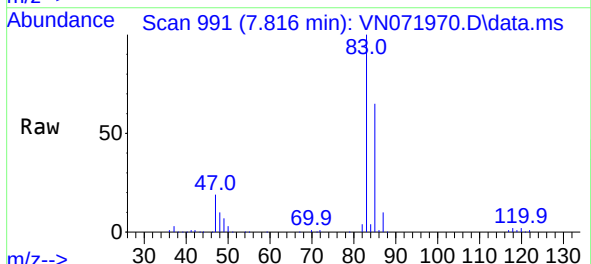
Tgt Ion: 42 Resp: 626254
Ion Ratio Lower Upper
42 100
72 53.1 39.7 59.5
71 49.4 36.6 55.0

Manual Integrations
APPROVED

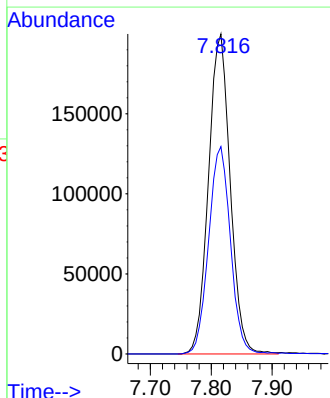
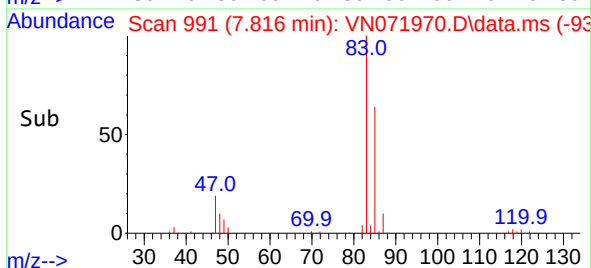
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

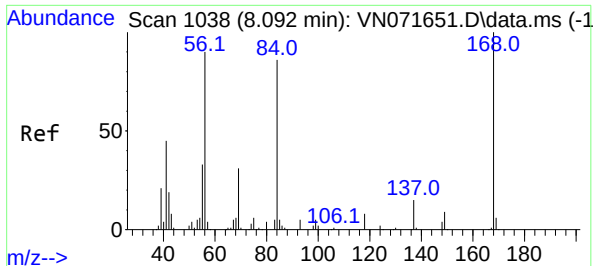


#30
Chloroform
Concen: 54.771 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32



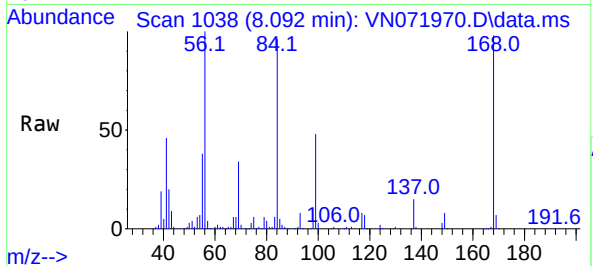
Tgt Ion: 83 Resp: 495853
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.8





#31
Cyclohexane
Concen: 55.892 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

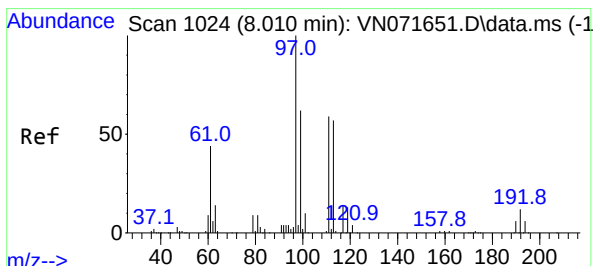
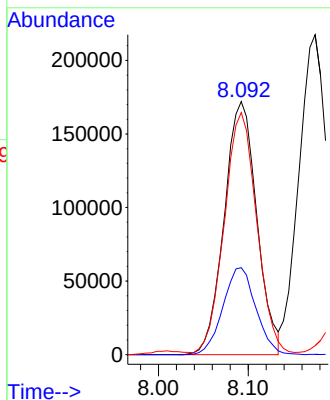
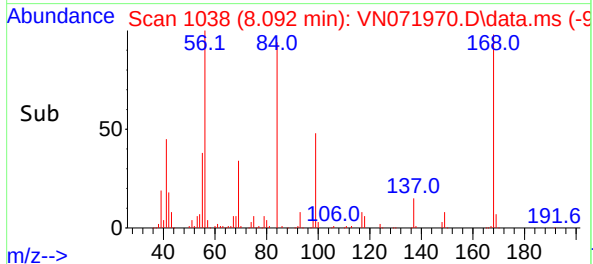
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



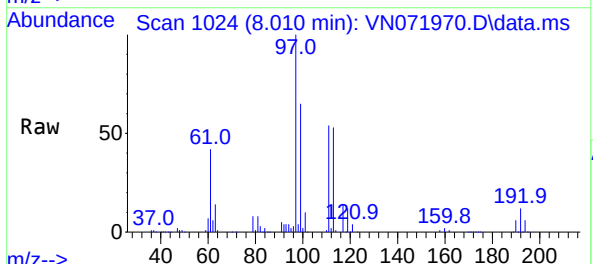
Tgt Ion: 56 Resp: 434530
Ion Ratio Lower Upper
56 100
69 34.4 27.8 41.8
84 94.4 76.9 115.3

Manual Integrations
APPROVED

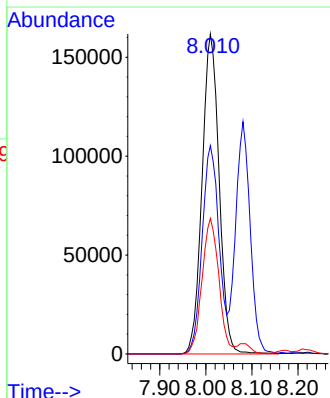
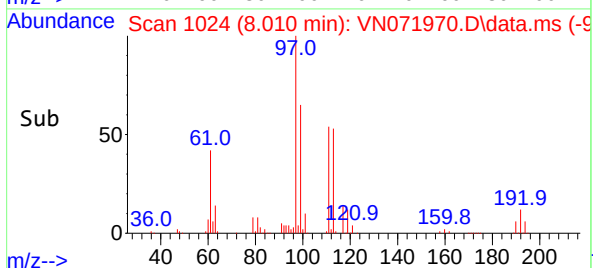
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

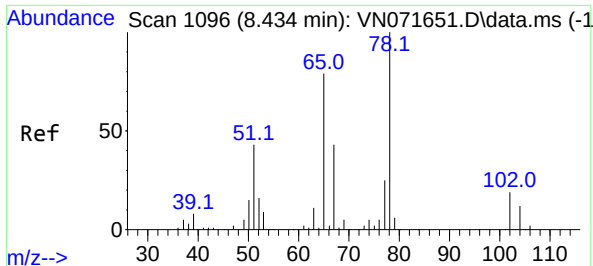


#32
1,1,1-Trichloroethane
Concen: 53.935 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32



Tgt Ion: 97 Resp: 417728
Ion Ratio Lower Upper
97 100
99 64.1 50.6 76.0
61 41.9 36.0 54.0





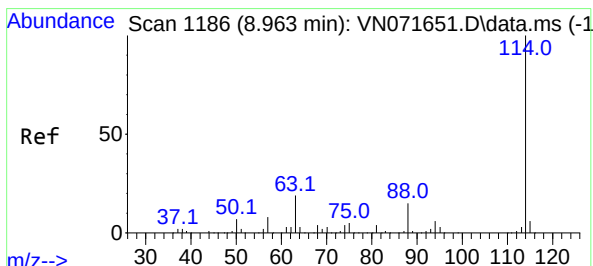
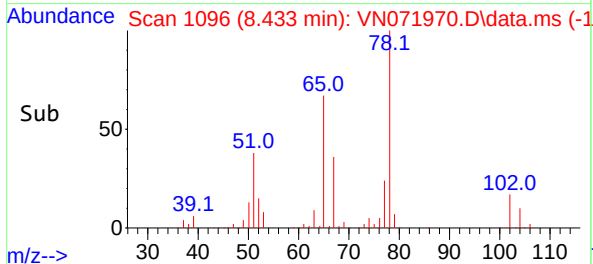
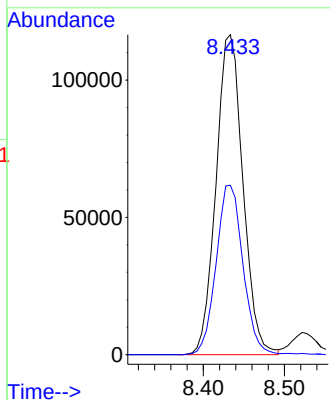
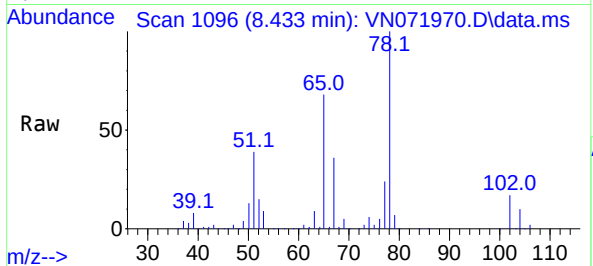
#33
1,2-Dichloroethane-d4
Concen: 46.997 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 268670
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.8

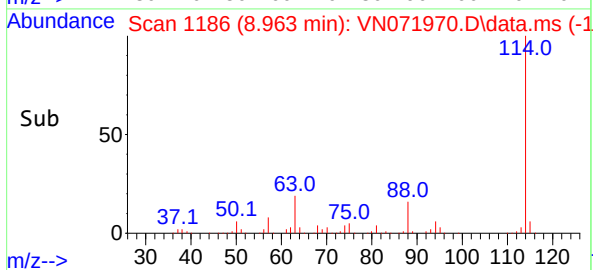
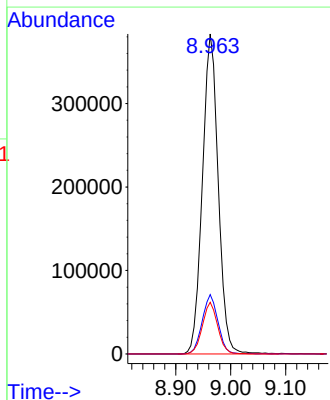
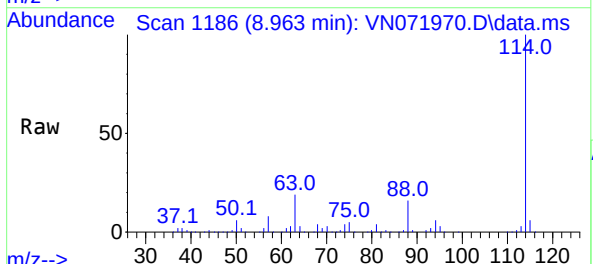
Manual Integrations
APPROVED

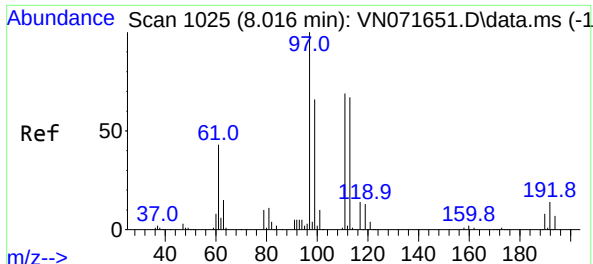
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

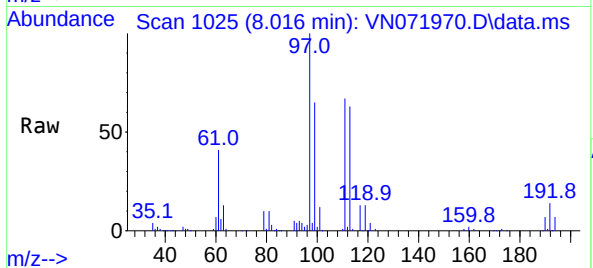
Tgt Ion:114 Resp: 766735
Ion Ratio Lower Upper
114 100
63 18.5 0.0 40.0
88 16.2 0.0 32.6





#35
Dibromofluoromethane
Concen: 51.415 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

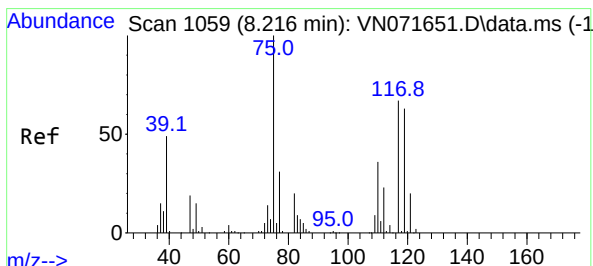
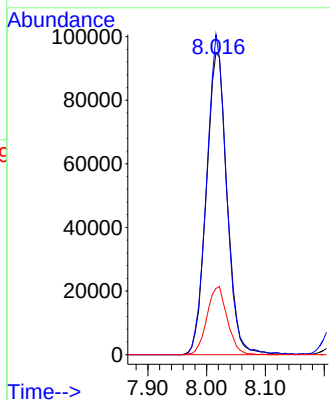
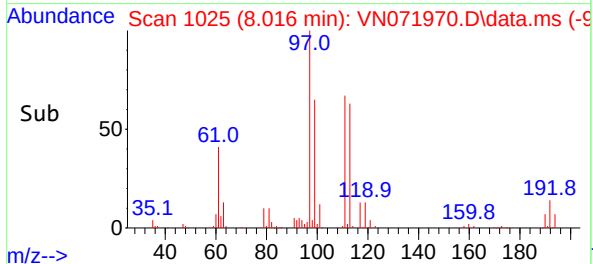
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



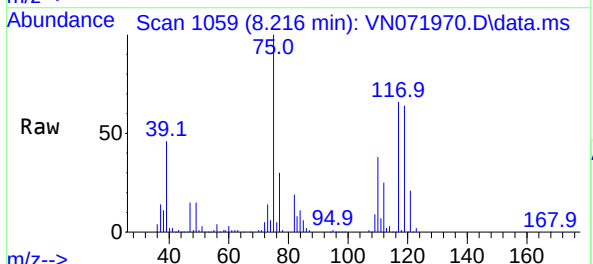
Tgt Ion: 113 Resp: 23197
Ion Ratio Lower Upper
113 100
111 101.7 81.4 122.0
192 22.1 17.0 25.6

Manual Integrations
APPROVED

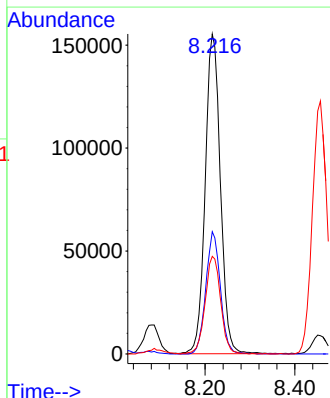
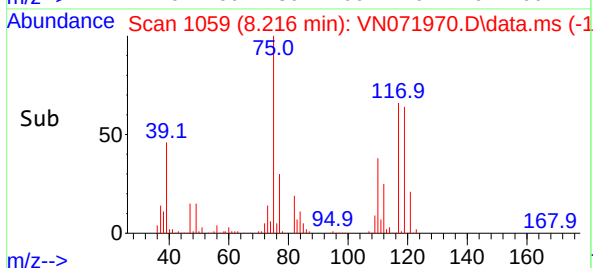
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

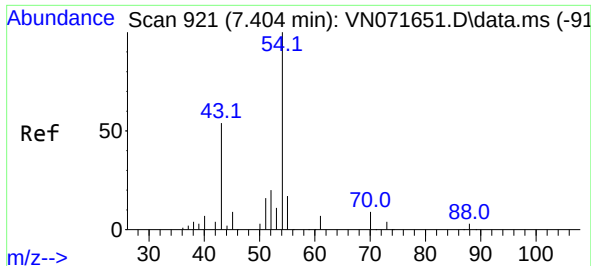


#36
1,1-Dichloropropene
Concen: 57.907 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32



Tgt Ion: 75 Resp: 364846
Ion Ratio Lower Upper
75 100
110 36.7 18.3 54.8
77 31.2 25.1 37.7





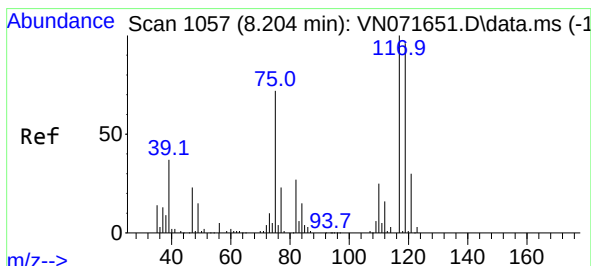
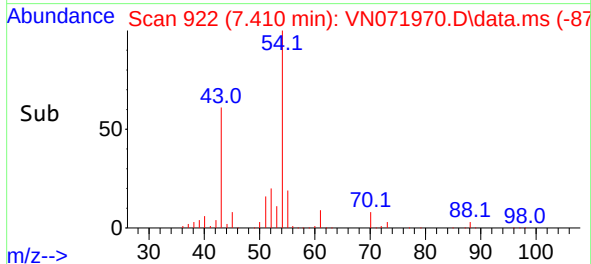
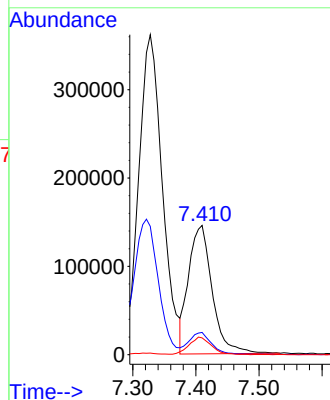
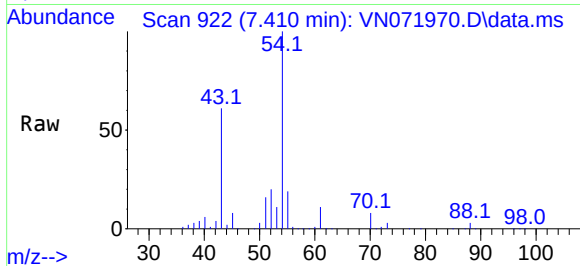
#37
Ethyl Acetate
Concen: 54.981 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 37915
Ion Ratio Lower Upper
43 100
61 16.3 11.8 17.6
70 12.8 9.3 13.9

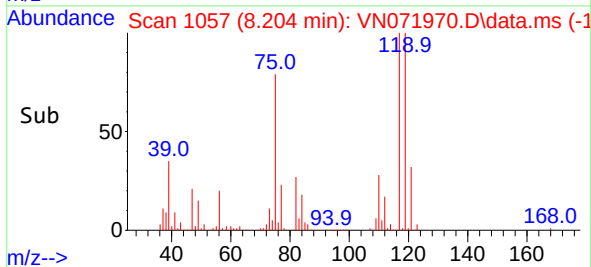
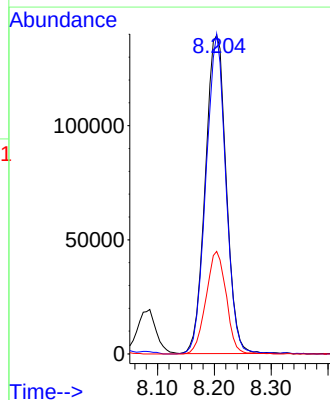
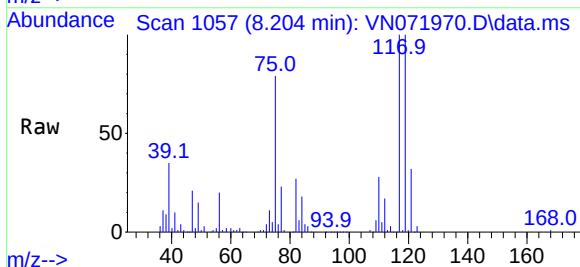
Manual Integrations
APPROVED

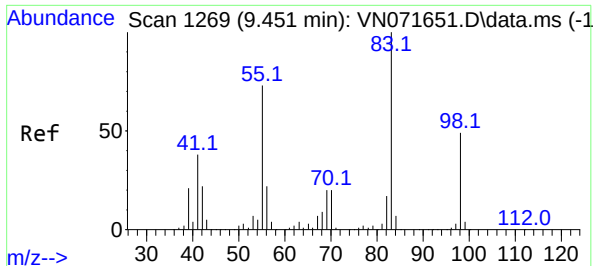
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#38
Carbon Tetrachloride
Concen: 57.612 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

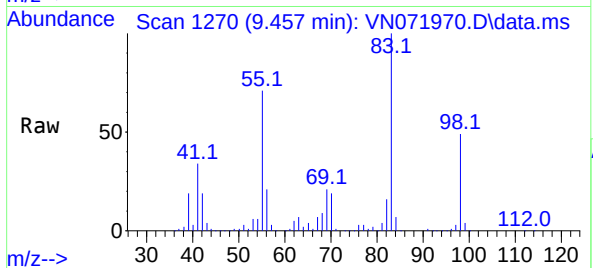
Tgt Ion:117 Resp: 355749
Ion Ratio Lower Upper
117 100
119 100.5 75.8 113.8
121 32.2 24.6 37.0





#39
Methylcyclohexane
Concen: 62.933 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

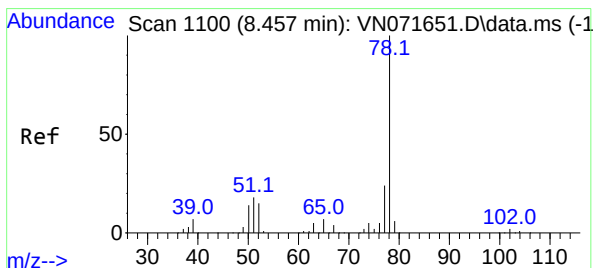
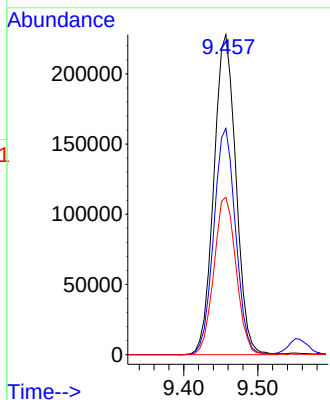
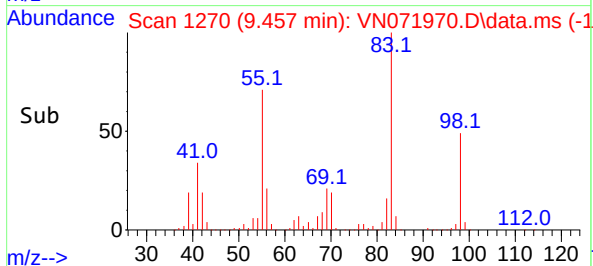
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 471990
Ion Ratio Lower Upper
83 100
55 70.7 57.8 86.8
98 49.2 39.4 59.2

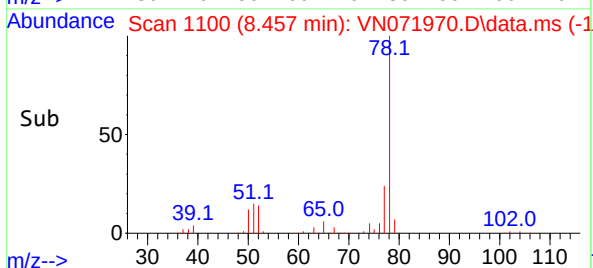
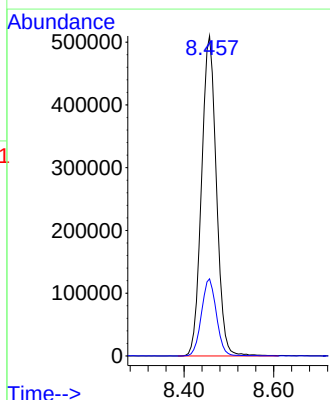
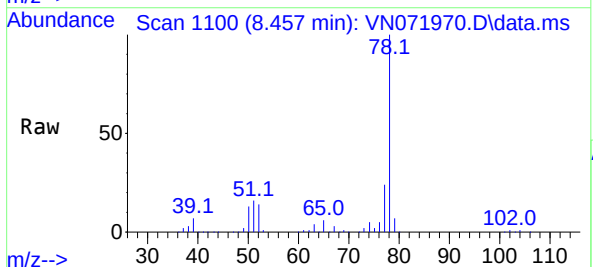
Manual Integrations
APPROVED

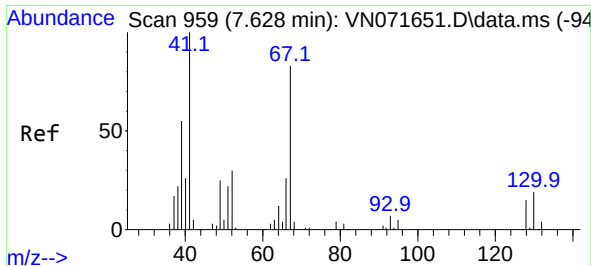
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#40
Benzene
Concen: 58.744 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

Tgt Ion: 78 Resp: 1169183
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0





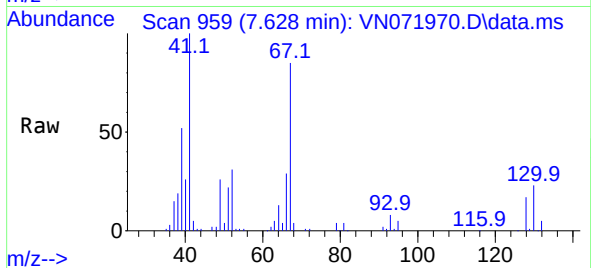
#41
Methacrylonitrile
Concen: 54.185 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



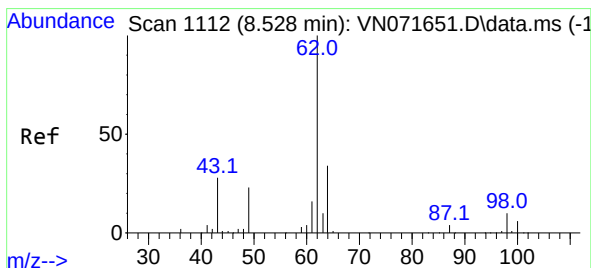
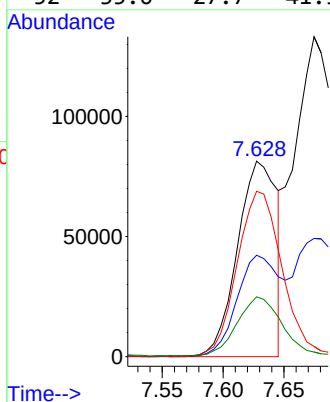
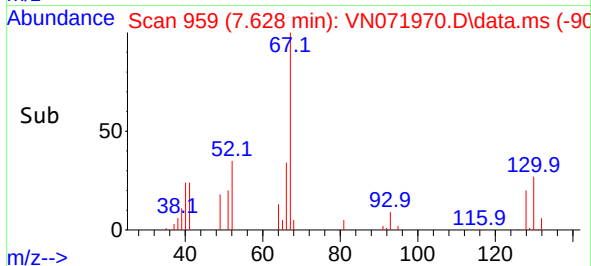
Tgt Ion: 41 Resp: 182963
Ion Ratio Lower Upper
41 100
39 58.2 48.6 73.0
67 98.1 73.4 110.2
52 35.0 27.7 41.5

Manual Integrations

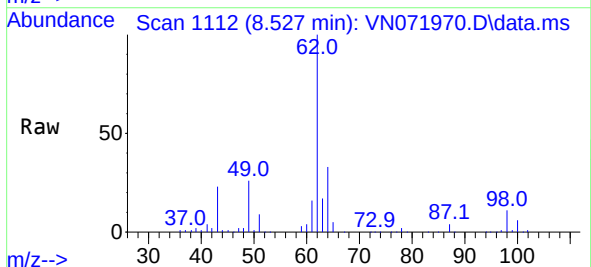
APPROVED

Reviewed By :John Carlone 04/14/2022

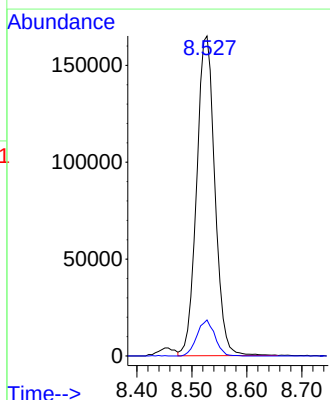
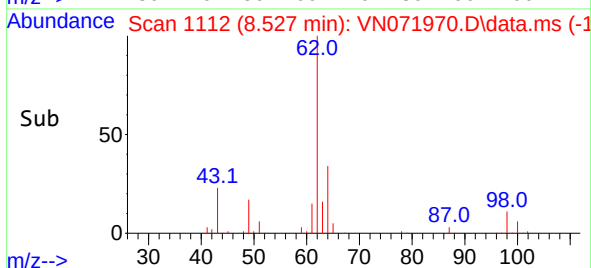
Supervised By :Mahesh Dadoda 04/14/2022

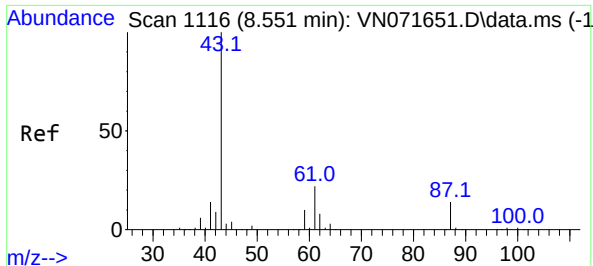


#42
1,2-Dichloroethane
Concen: 55.143 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. -0.001 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32



Tgt Ion: 62 Resp: 379660
Ion Ratio Lower Upper
62 100
98 11.1 0.0 19.4





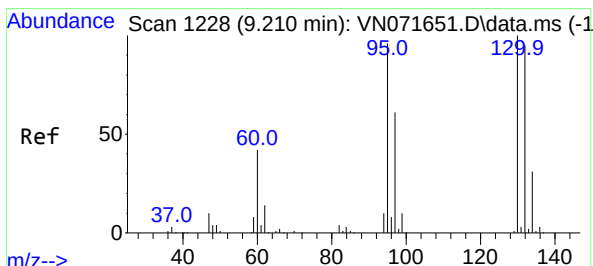
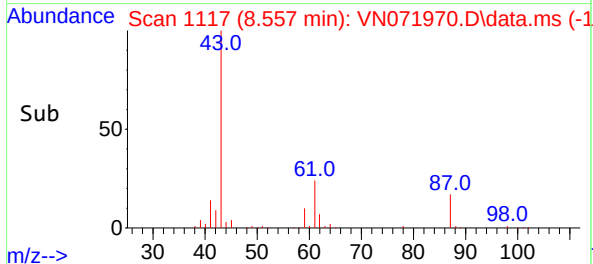
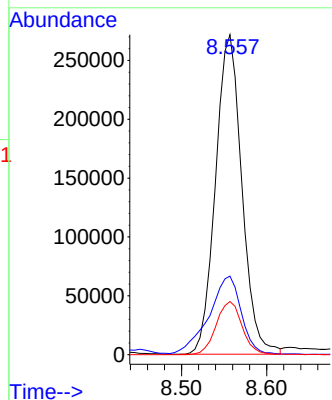
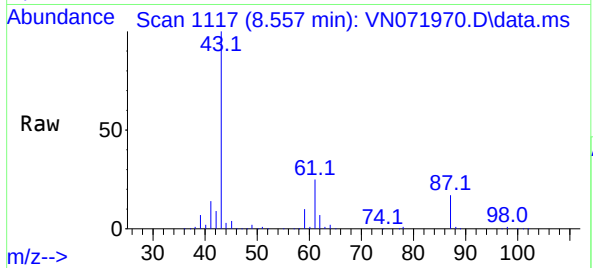
#43
Isopropyl Acetate
Concen: 50.913 ug/l
RT: 8.557 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 583992
Ion Ratio Lower Upper
43 100
61 29.8 21.9 32.9
87 16.5 12.0 18.0

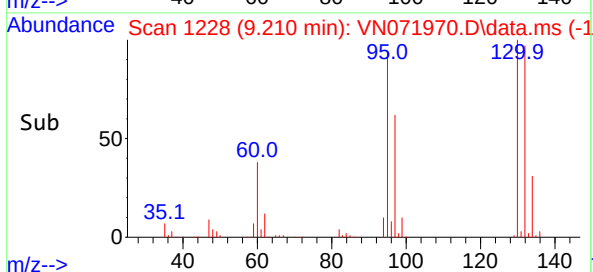
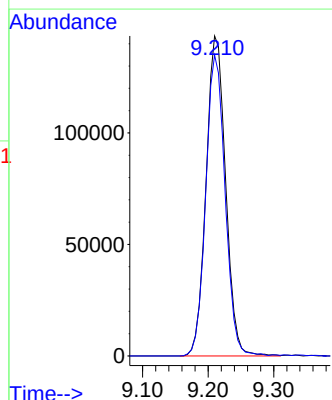
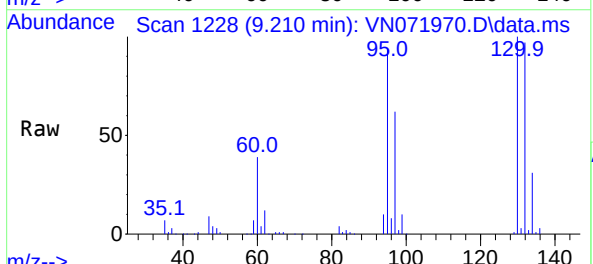
Manual Integrations
APPROVED

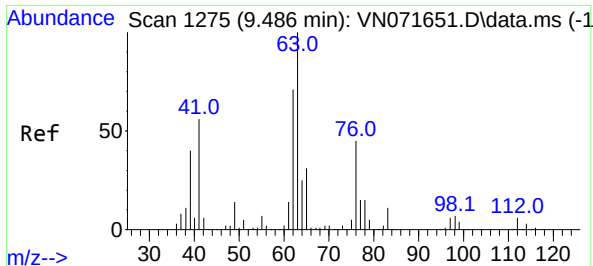
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#44
Trichloroethene
Concen: 58.055 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

Tgt Ion:130 Resp: 297686
Ion Ratio Lower Upper
130 100
95 94.0 0.0 186.8





#45

1,2-Dichloropropane

Concen: 58.517 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN071970.D

Acq: 13 Apr 2022 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 29095

Ion Ratio Lower Upper

63 100

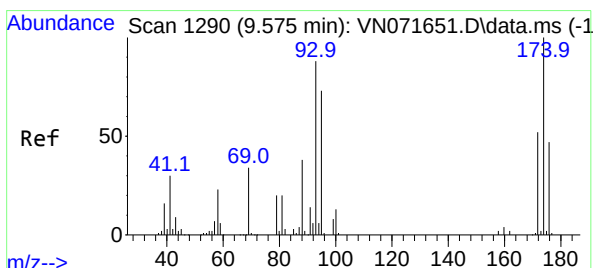
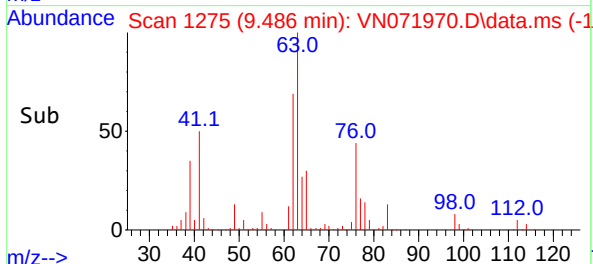
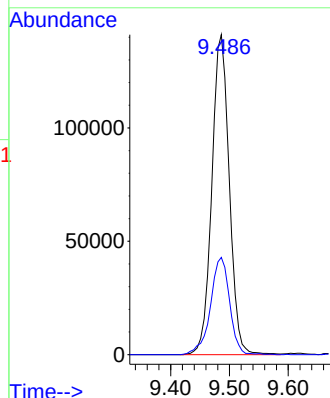
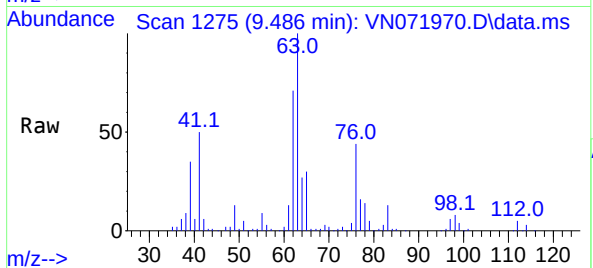
65 30.4 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022



#46

Dibromomethane

Concen: 58.863 ug/l

RT: 9.574 min Scan# 1290

Delta R.T. -0.001 min

Lab File: VN071970.D

Acq: 13 Apr 2022 11:32

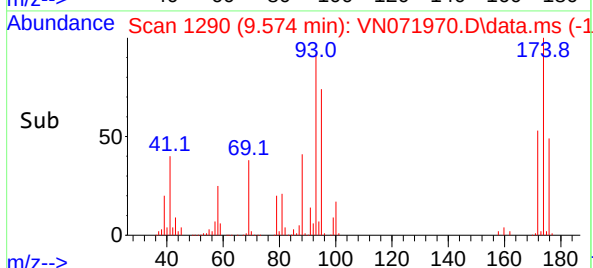
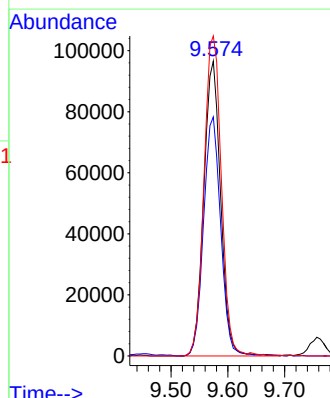
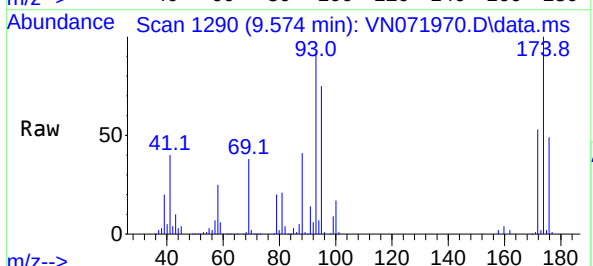
Tgt Ion: 93 Resp: 198718

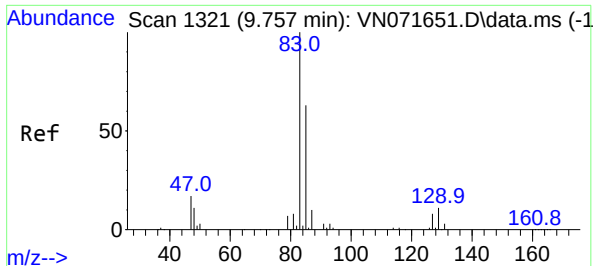
Ion Ratio Lower Upper

93 100

95 82.4 66.9 100.3

174 111.2 86.6 130.0





#47
Bromodichloromethane
Concen: 58.960 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

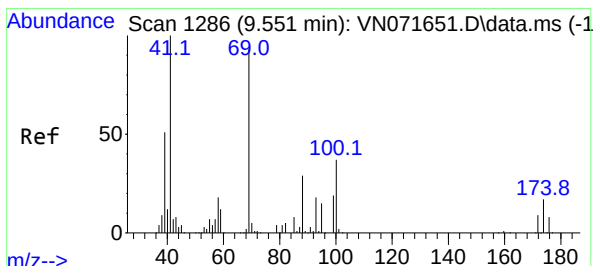
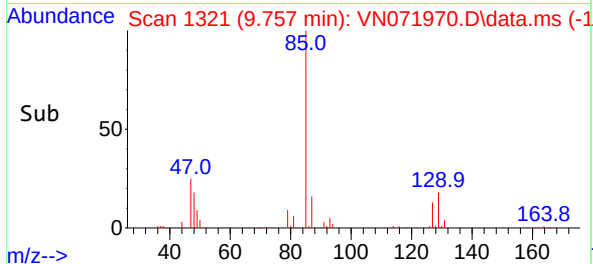
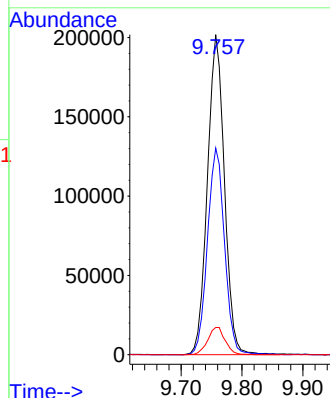
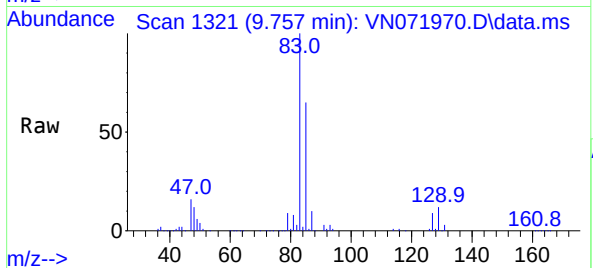
Tgt Ion: 83 Resp: 391812
Ion Ratio Lower Upper
83 100
85 64.5 50.5 75.7
127 8.5 6.8 10.2

Manual Integrations

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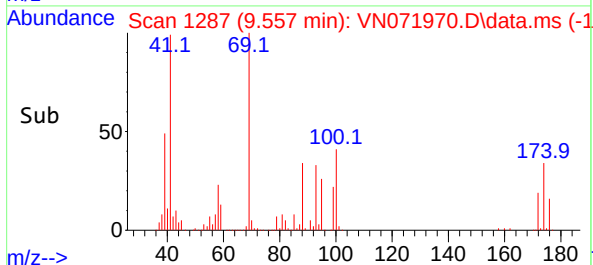
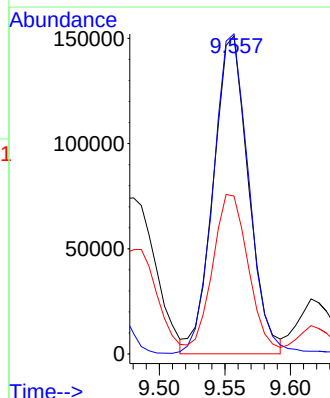
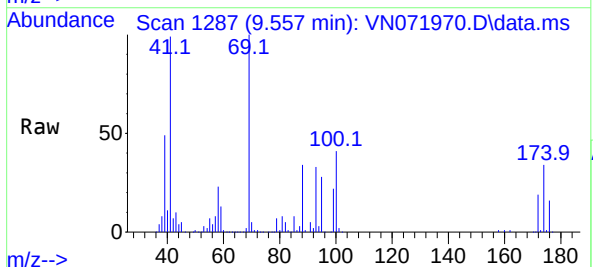
Reviewed By :John Carlone 04/14/2022

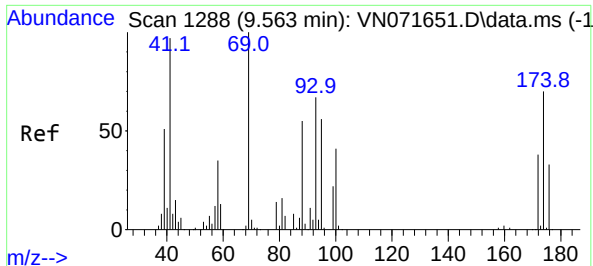
Supervised By :Mahesh Dadoda 04/14/2022



#48
Methyl methacrylate
Concen: 59.168 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

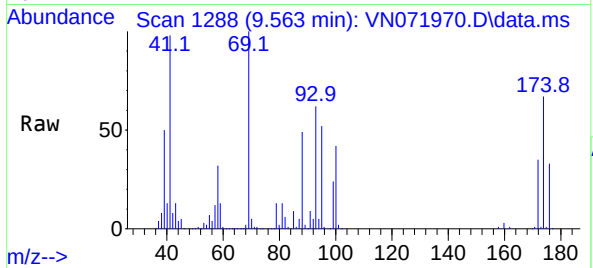
Tgt Ion: 41 Resp: 281572
Ion Ratio Lower Upper
41 100
69 102.2 74.7 112.1
39 50.8 45.6 68.4





#49
1,4-Dioxane
Concen: 1112.891 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

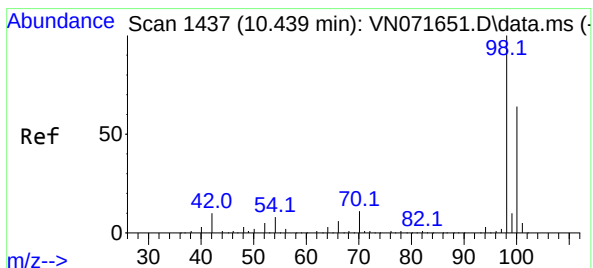
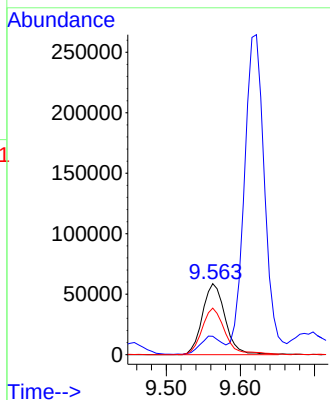
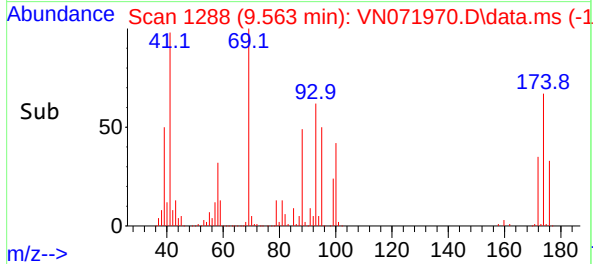
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



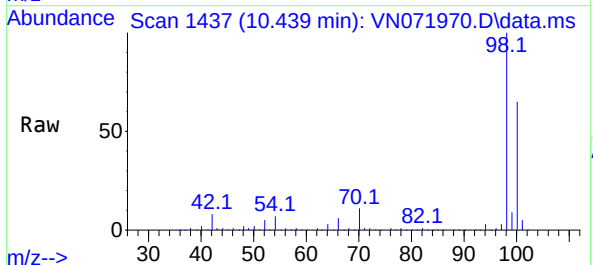
Tgt Ion: 88 Resp: 125468
Ion Ratio Lower Upper
88 100
43 23.9 20.2 30.4
58 66.9 54.2 81.4

Manual Integrations
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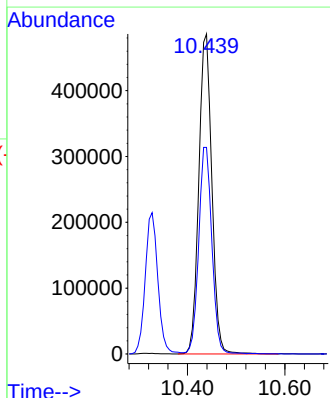
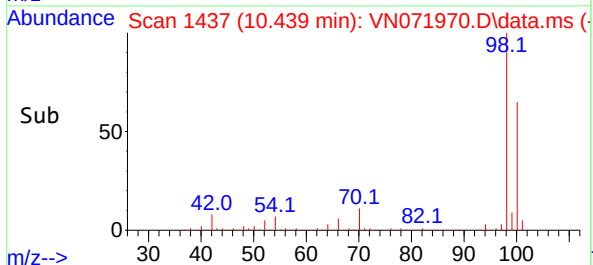
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

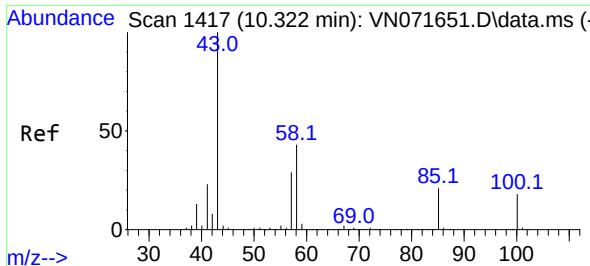


#50
Toluene-d8
Concen: 48.938 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32



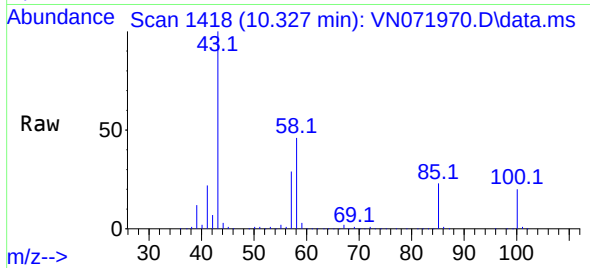
Tgt Ion: 98 Resp: 903237
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 291.993 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.005 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

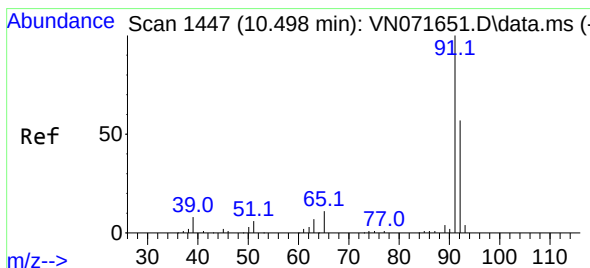
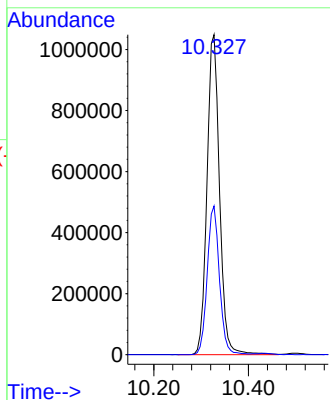
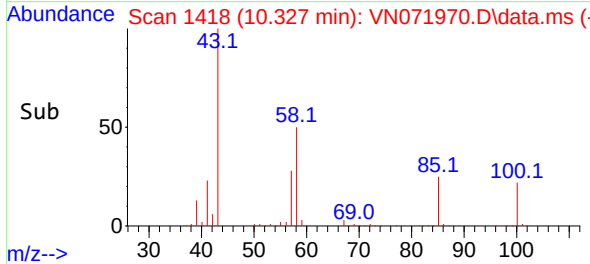
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 192565
Ion Ratio Lower Upper
43 100
58 45.4 34.1 51.1

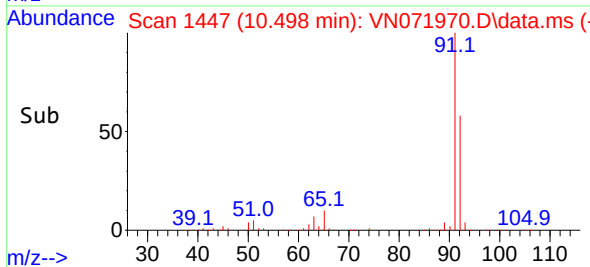
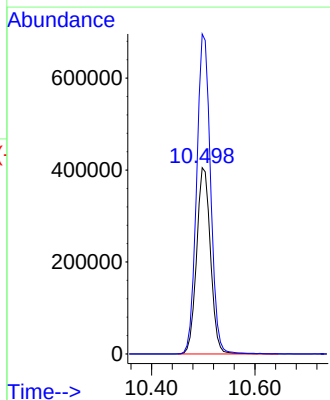
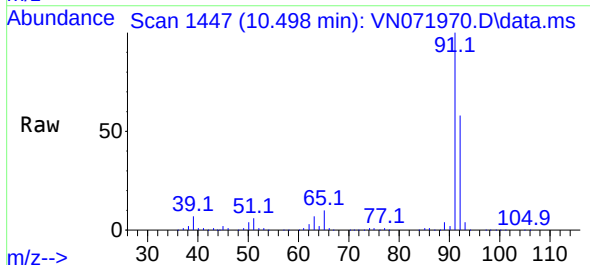
Manual Integrations
APPROVED

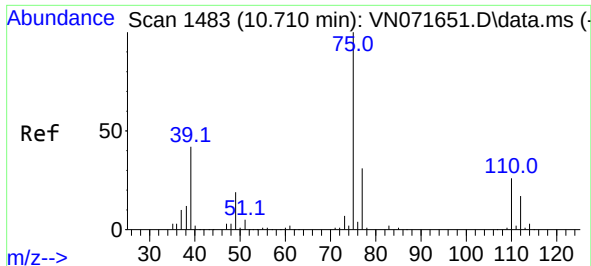
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#52
Toluene
Concen: 59.997 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

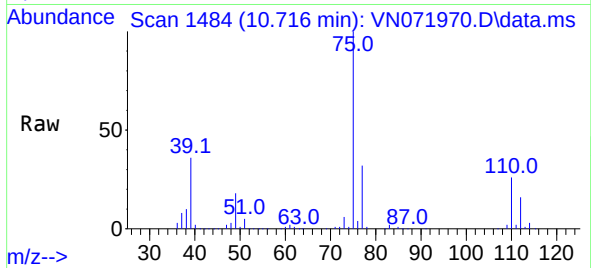
Tgt Ion: 92 Resp: 754840
Ion Ratio Lower Upper
92 100
91 172.2 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 61.187 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

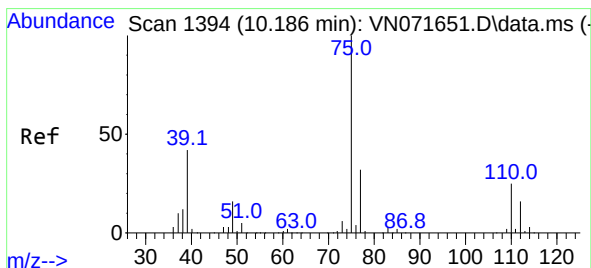
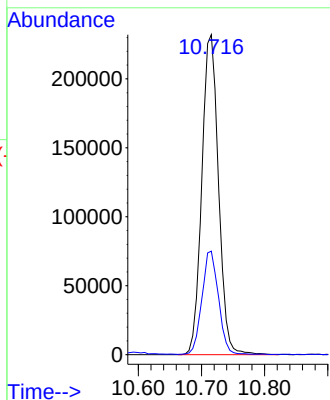
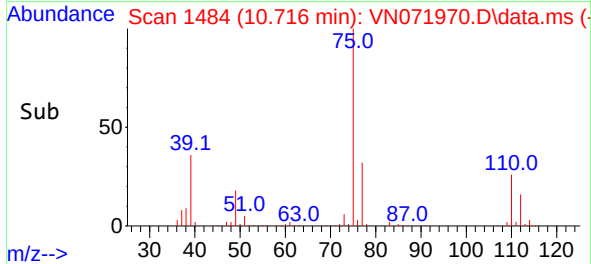
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 42615
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4

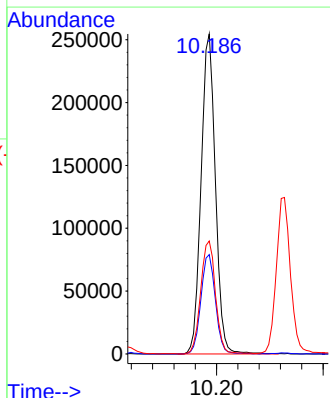
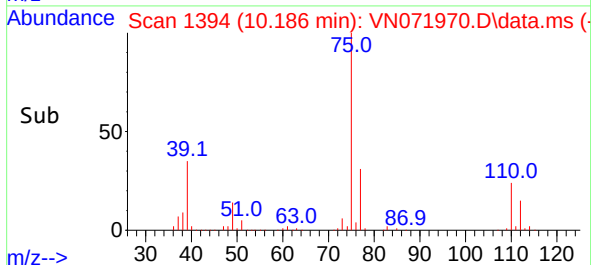
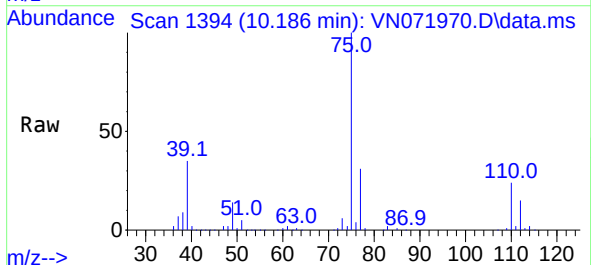
Manual Integrations
APPROVED

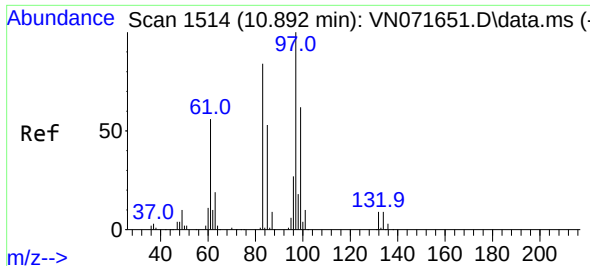
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#54
cis-1,3-Dichloropropene
Concen: 61.532 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

Tgt Ion: 75 Resp: 473520
Ion Ratio Lower Upper
75 100
77 31.1 25.2 37.8
39 35.3 35.7 53.5#





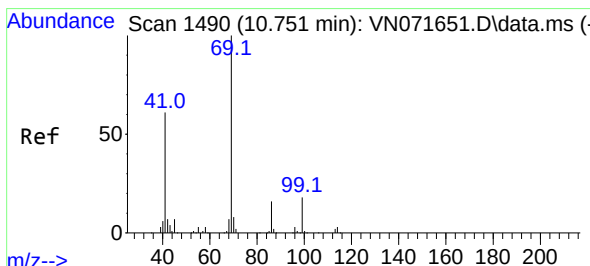
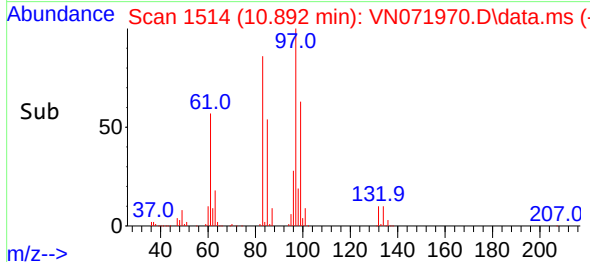
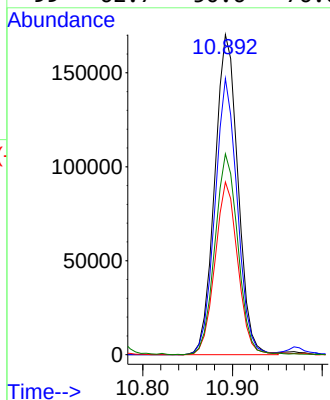
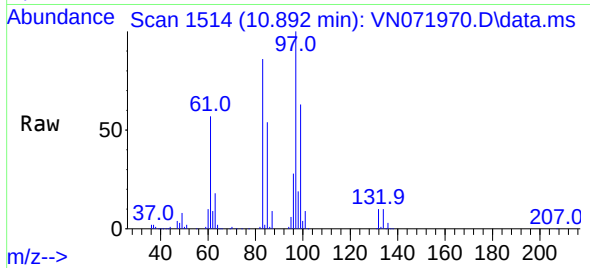
#55
1,1,2-Trichloroethane
Concen: 59.060 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97	Resp: 305809
Ion Ratio	Lower Upper
97 100	
83 86.3	66.2 99.4
85 54.0	43.9 65.9
99 62.7	50.6 76.0

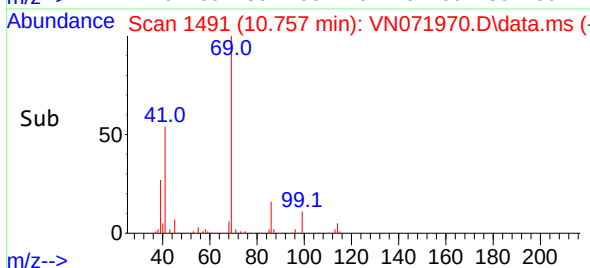
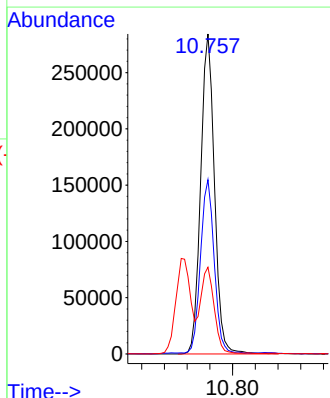
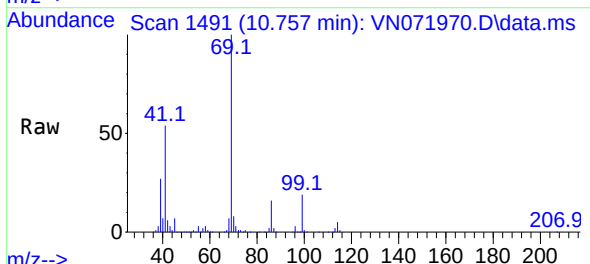
Manual Integrations
APPROVED

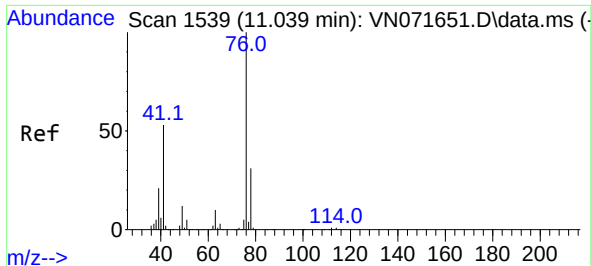
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#56
Ethyl methacrylate
Concen: 64.849 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

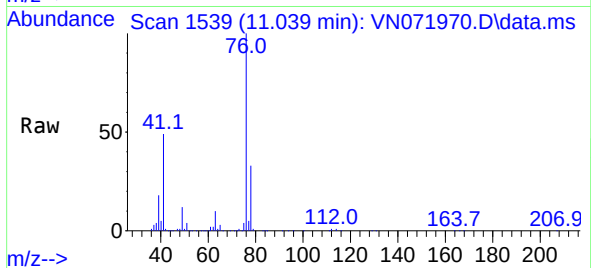
Tgt Ion: 69	Resp: 479019
Ion Ratio	Lower Upper
69 100	
41 53.7	47.8 71.6
39 26.6	27.3 40.9#





#57
1,3-Dichloropropane
Concen: 59.020 ug/l
RT: 11.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

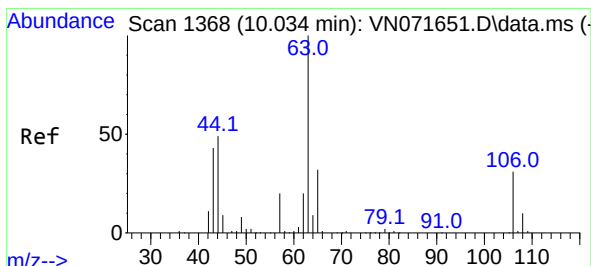
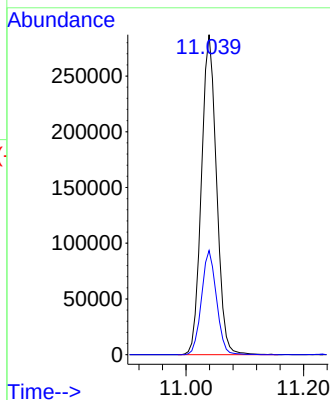
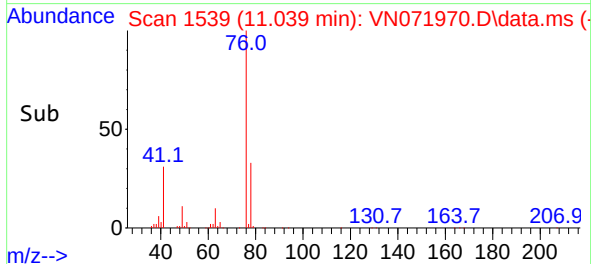
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



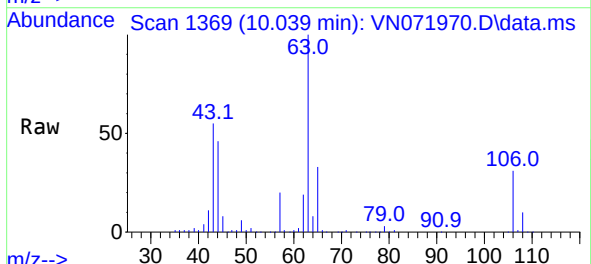
Tgt Ion: 76 Resp: 510964
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.2

Manual Integrations
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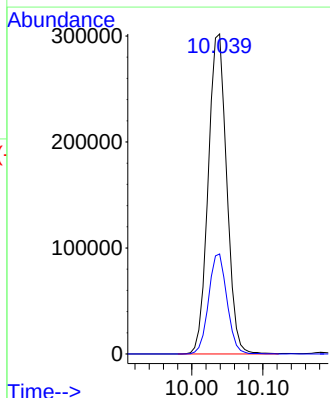
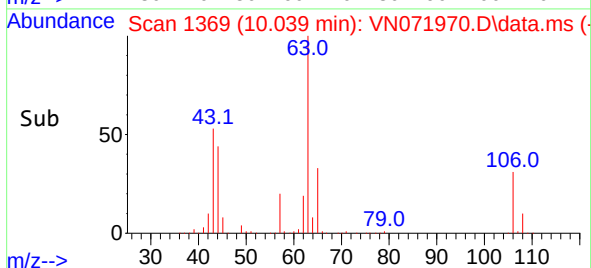
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

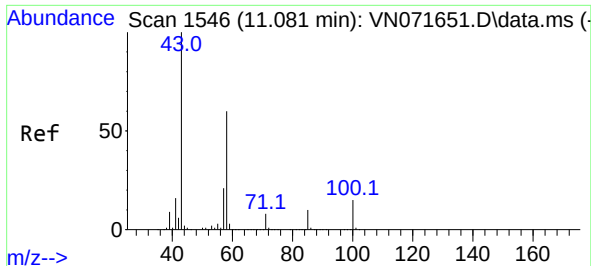


#58
2-Chloroethyl Vinyl ether
Concen: 240.714 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.005 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32



Tgt Ion: 63 Resp: 545871
Ion Ratio Lower Upper
63 100
106 31.1 24.6 36.8





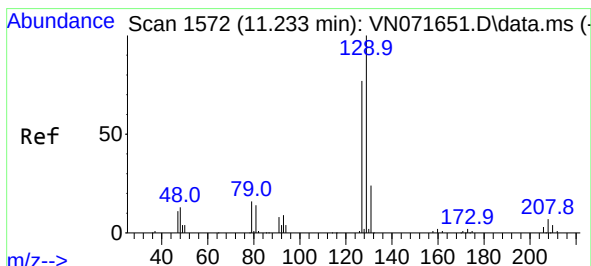
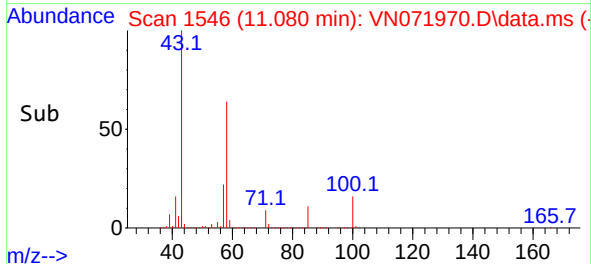
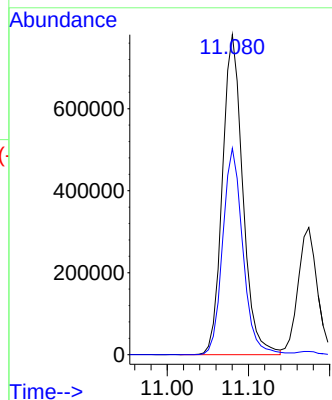
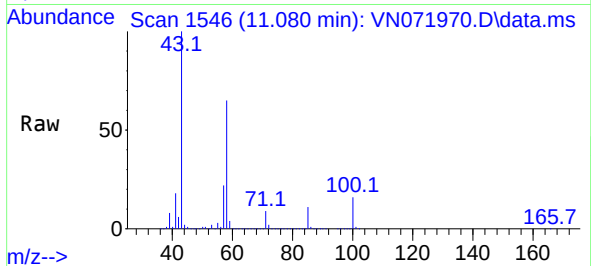
#59
2-Hexanone
Concen: 293.180 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 136127
Ion Ratio Lower Upper
43 100
58 63.8 29.7 89.1

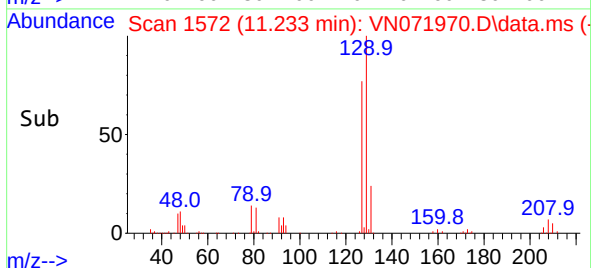
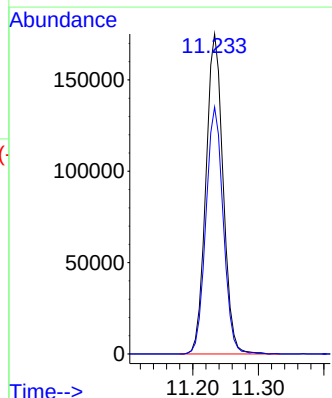
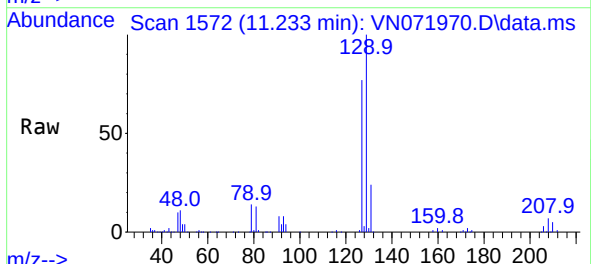
Manual Integrations
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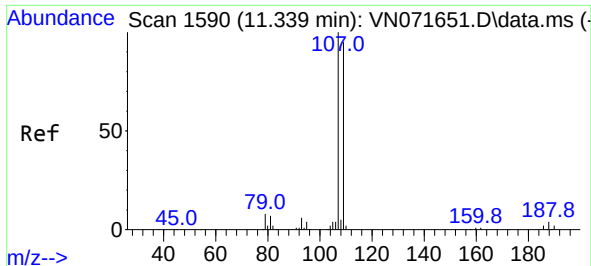
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#60
Dibromochloromethane
Concen: 63.088 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

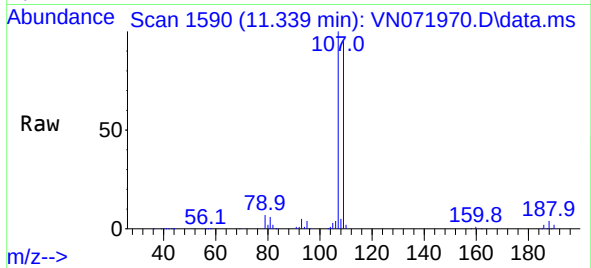
Tgt Ion:129 Resp: 318523
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 61.421 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

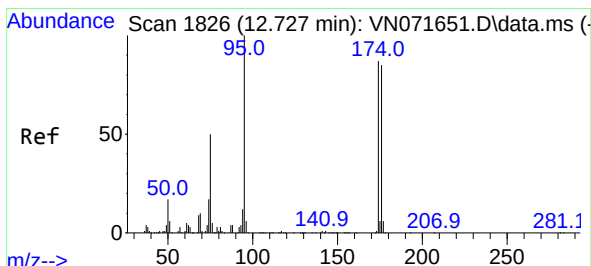
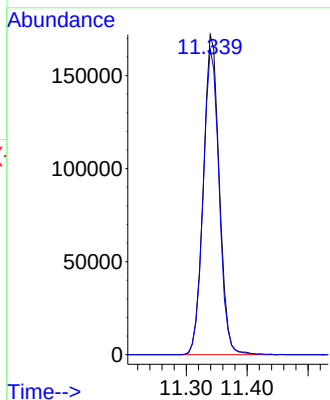
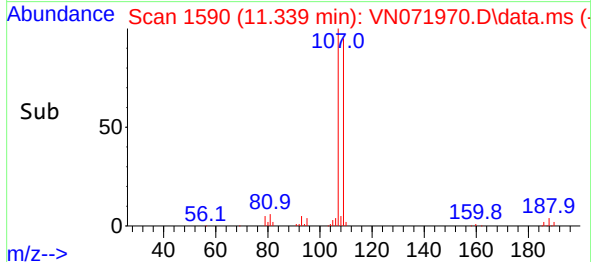
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



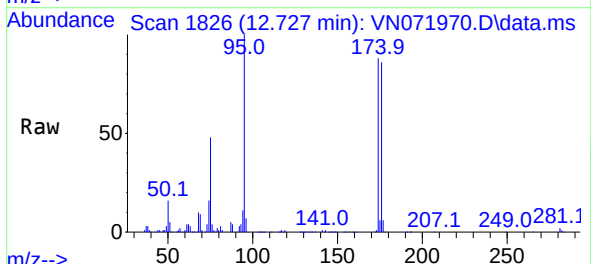
Tgt Ion:107 Resp: 313059
Ion Ratio Lower Upper
107 100
109 95.3 75.0 112.6

Manual Integrations
APPROVED

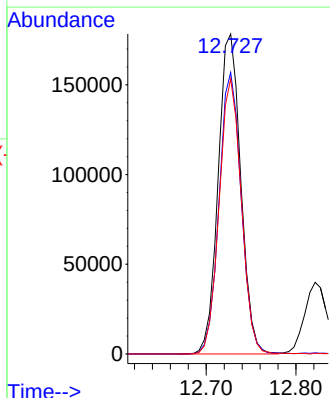
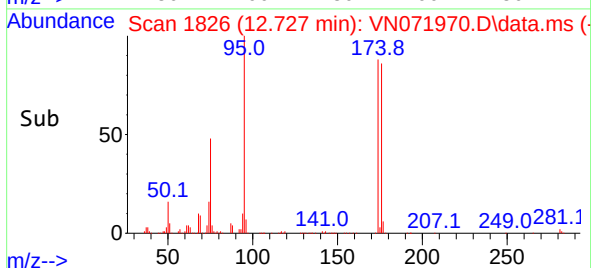
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

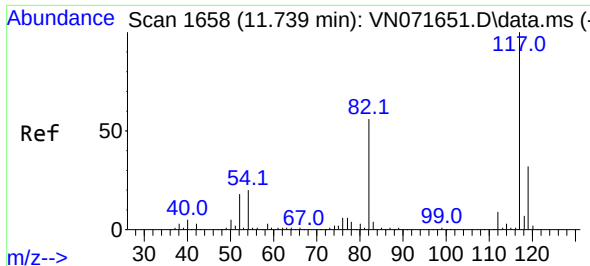


#62
4-Bromofluorobenzene
Concen: 52.114 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32



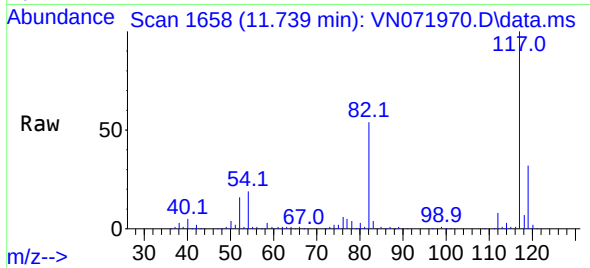
Tgt Ion: 95 Resp: 311080
Ion Ratio Lower Upper
95 100
174 86.1 0.0 167.6
176 84.3 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

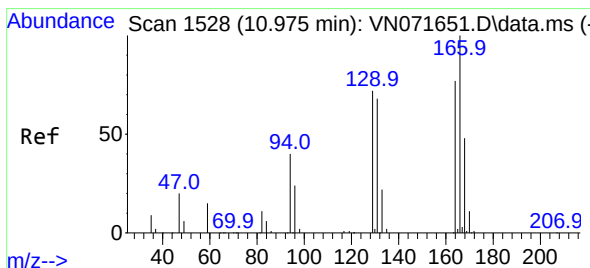
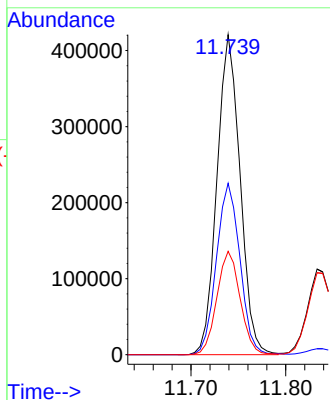
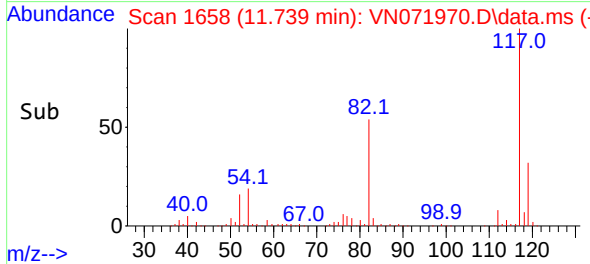
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



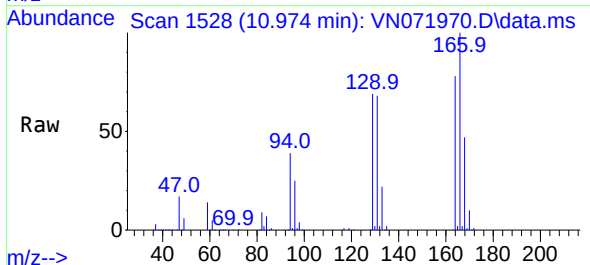
Tgt Ion:117 Resp: 714568
Ion Ratio Lower Upper
117 100
82 53.6 44.2 66.2
119 32.3 25.4 38.0

Manual Integrations
APPROVED

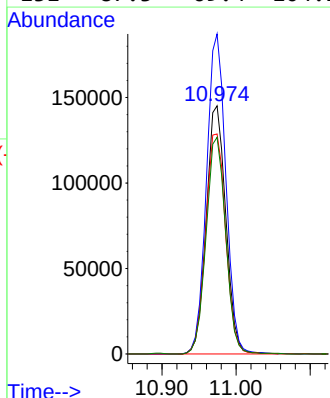
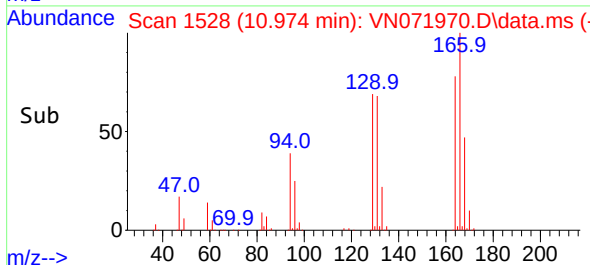
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

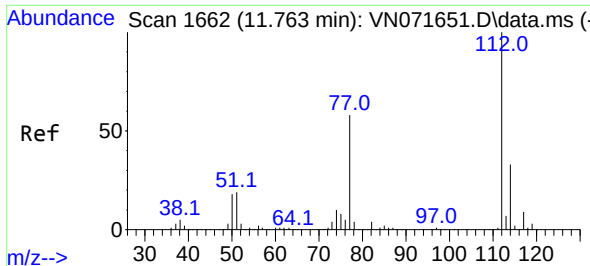


#64
Tetrachloroethene
Concen: 56.607 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32



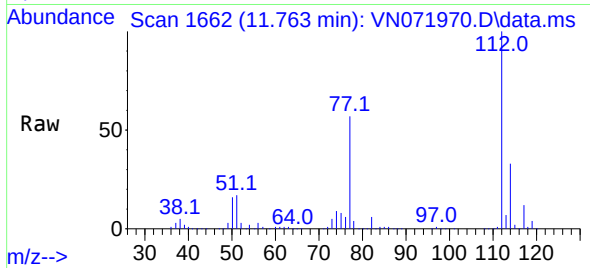
Tgt Ion:164 Resp: 267101
Ion Ratio Lower Upper
164 100
166 129.0 104.2 156.2
129 88.7 73.9 110.9
131 87.3 69.4 104.2





#65
Chlorobenzene
Concen: 56.617 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

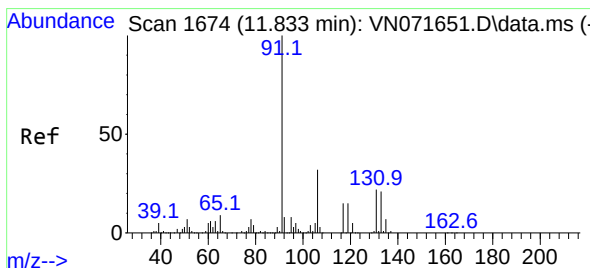
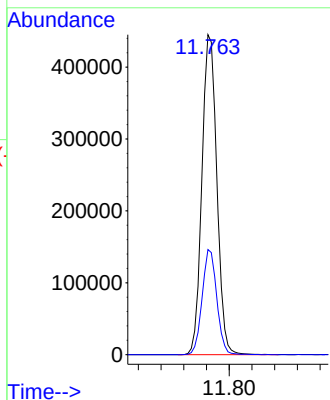
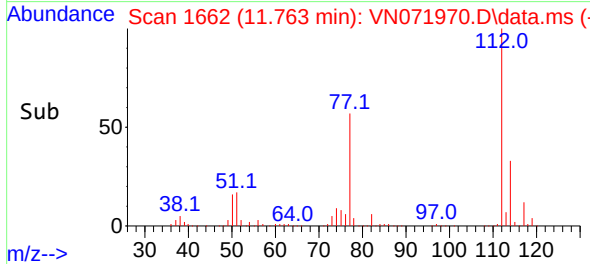
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



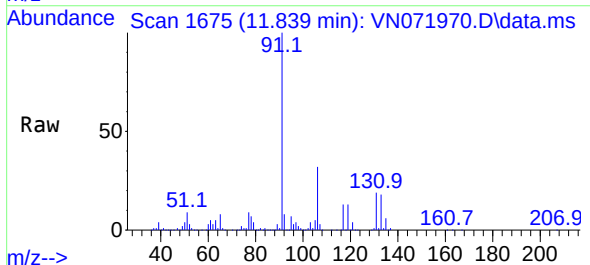
Tgt Ion:112 Resp: 810089
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.2

Manual Integrations
APPROVED

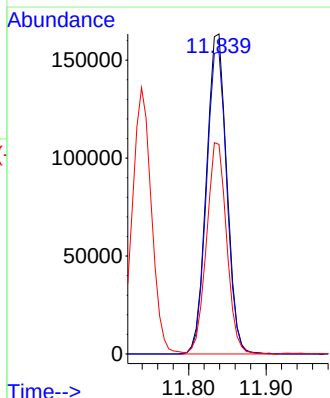
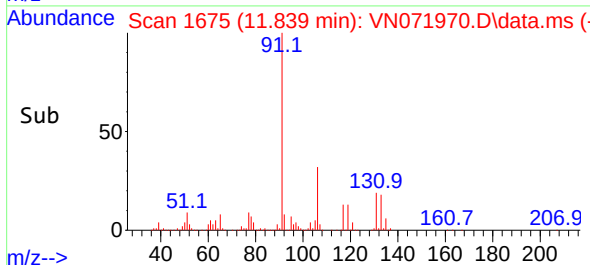
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

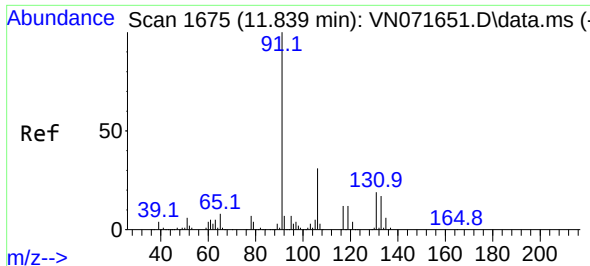


#66
1,1,1,2-Tetrachloroethane
Concen: 57.911 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32



Tgt Ion:131 Resp: 298996
Ion Ratio Lower Upper
131 100
133 94.5 47.8 143.4
119 65.0 33.4 100.2





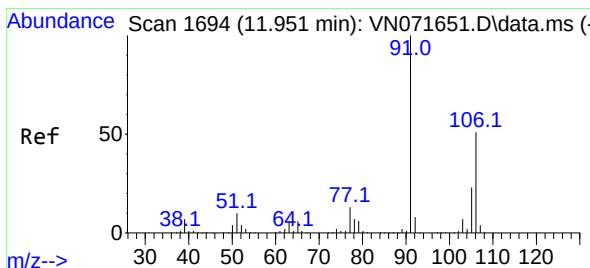
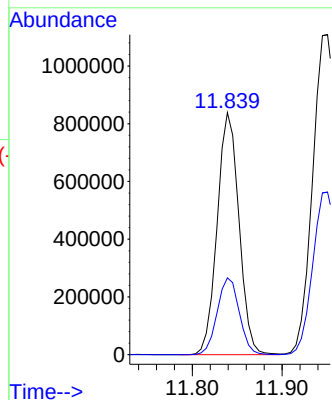
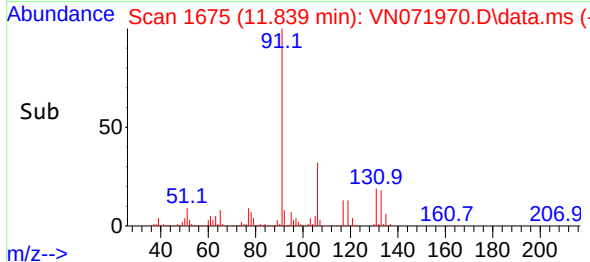
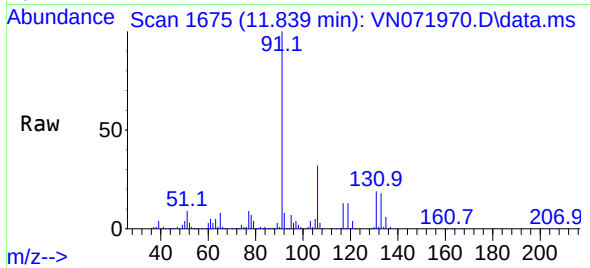
#67
Ethyl Benzene
Concen: 58.345 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 141323
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

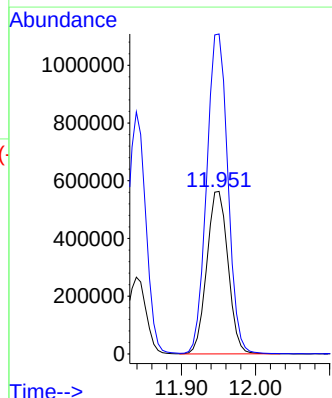
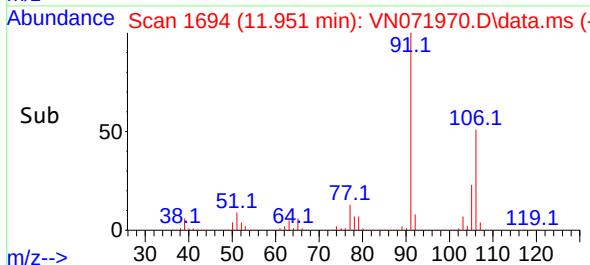
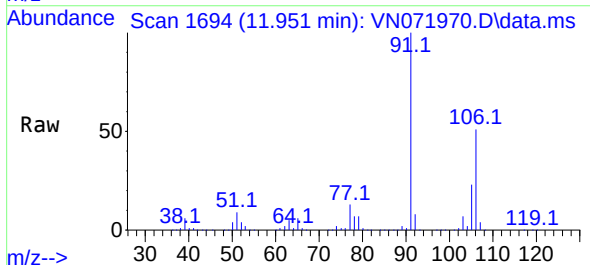
Manual Integrations
APPROVED

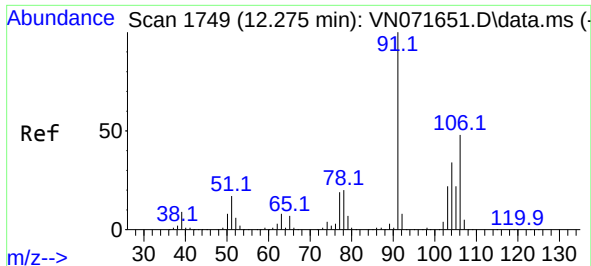
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#68
m/p-Xylenes
Concen: 120.121 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

Tgt Ion:106 Resp: 1117923
Ion Ratio Lower Upper
106 100
91 197.3 158.9 238.3





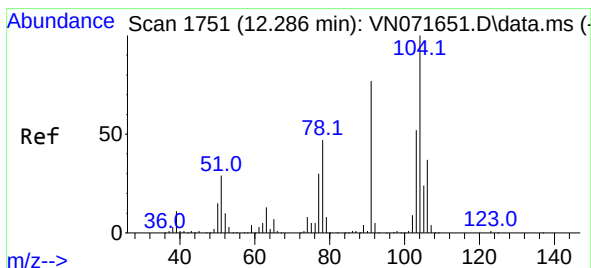
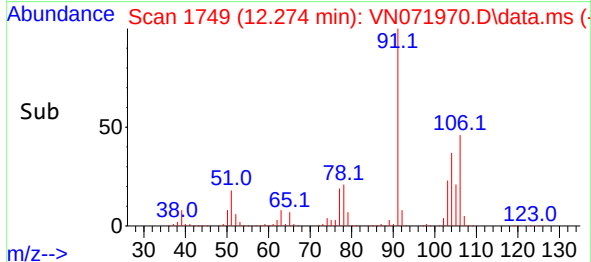
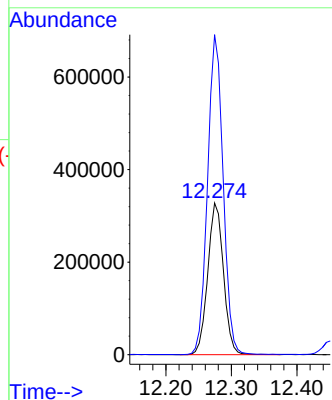
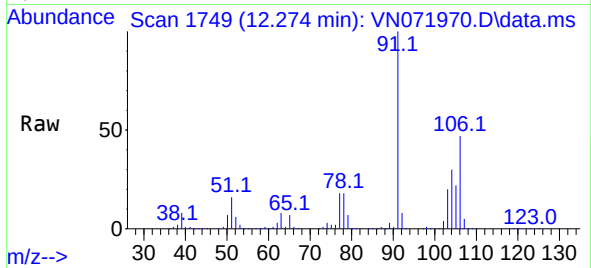
#69
o-Xylene
Concen: 59.212 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 546969
Ion Ratio Lower Upper
106 100
91 209.1 106.0 318.0

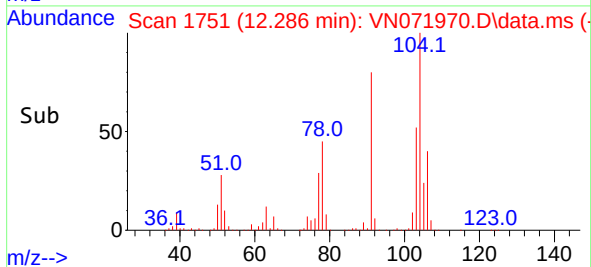
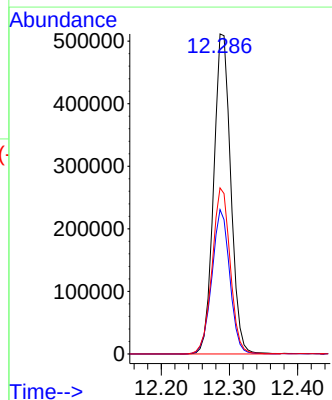
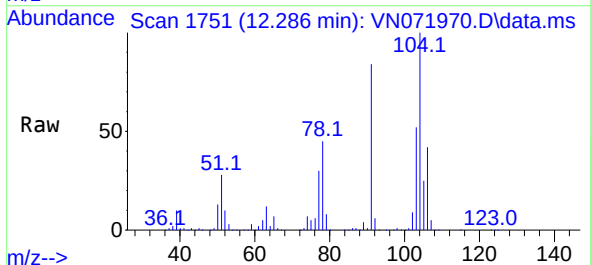
Manual Integrations
APPROVED

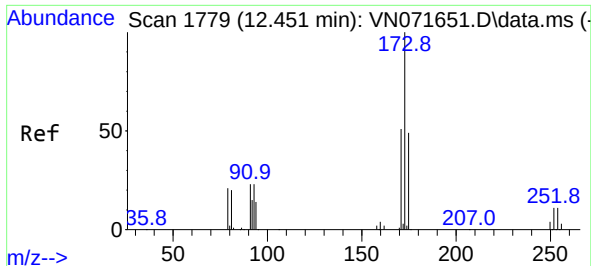
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#70
Styrene
Concen: 63.757 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

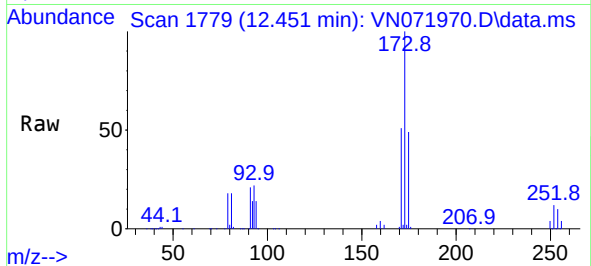
Tgt Ion:104 Resp: 892348
Ion Ratio Lower Upper
104 100
78 47.1 39.5 59.3
103 54.9 44.0 66.0





#71
Bromoform
Concen: 63.003 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

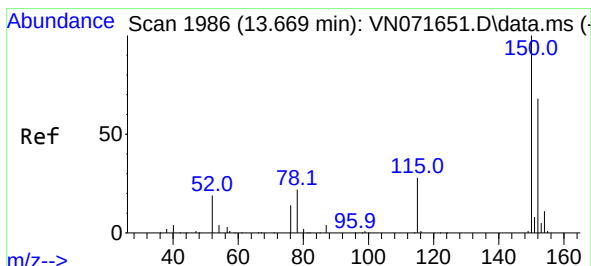
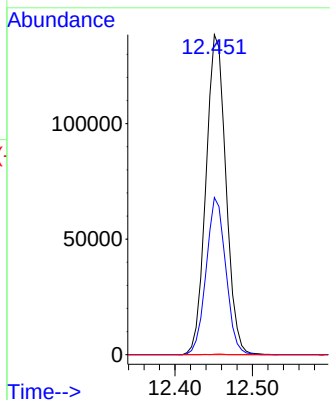
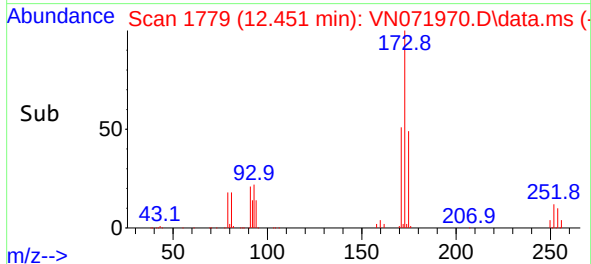
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



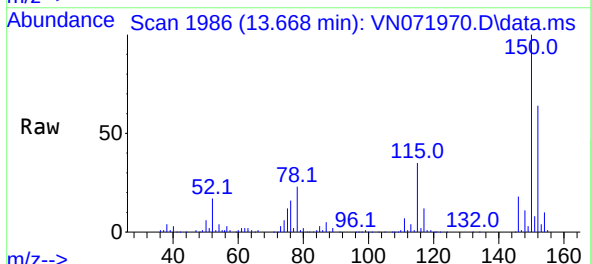
Tgt Ion:173 Resp: 247714
Ion Ratio Lower Upper
173 100
175 48.2 24.6 73.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

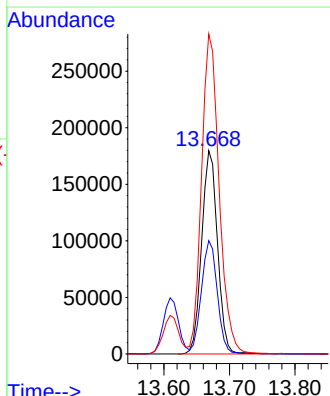
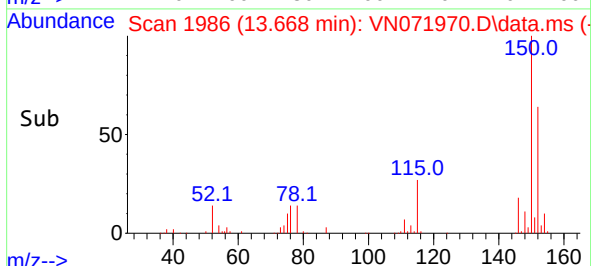
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

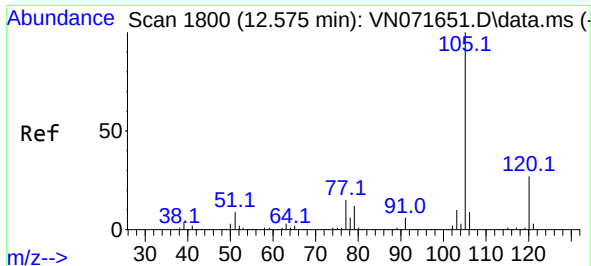


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32



Tgt Ion:152 Resp: 302228
Ion Ratio Lower Upper
152 100
115 56.1 28.9 86.7
150 174.7 0.0 356.2





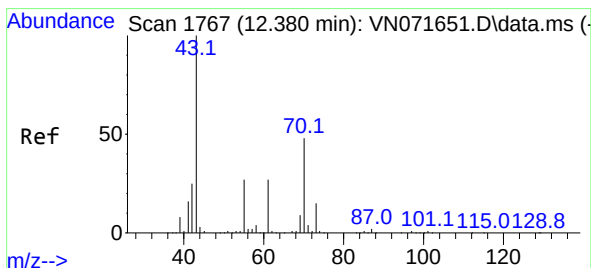
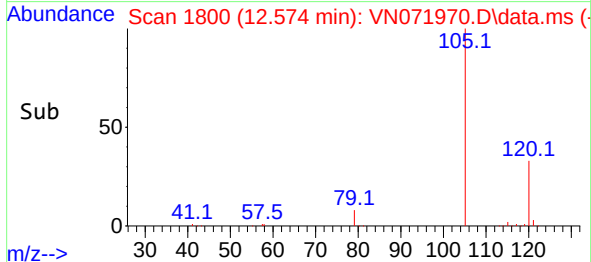
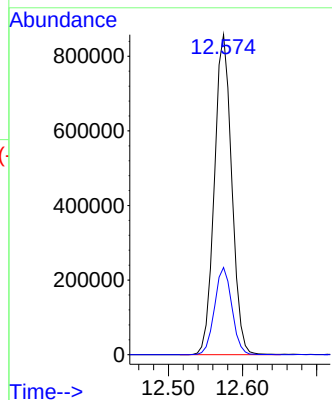
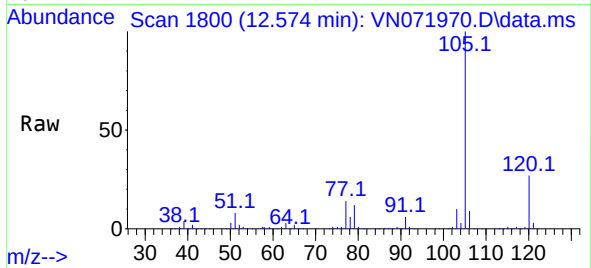
#73
Isopropylbenzene
Concen: 54.681 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 139260
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4

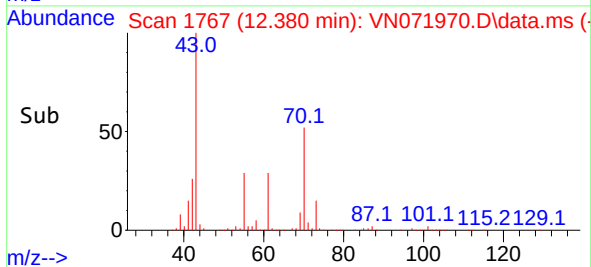
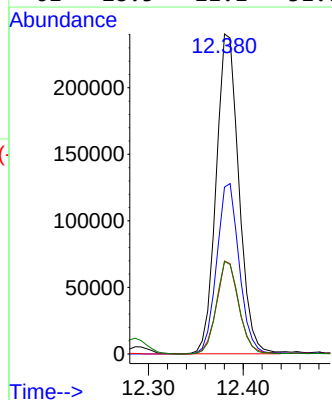
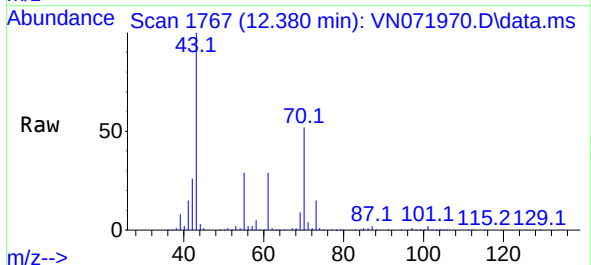
Manual Integrations
APPROVED

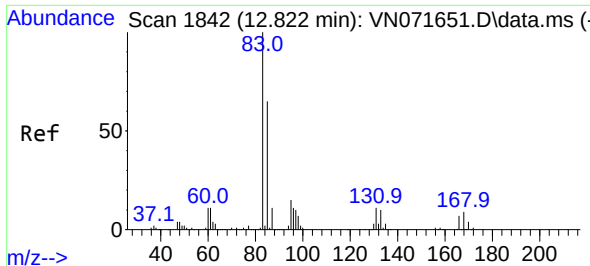
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#74
N-ethyl acetate
Concen: 54.915 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

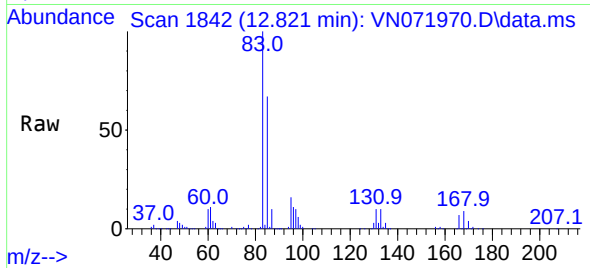
Tgt Ion: 43 Resp: 400719
Ion Ratio Lower Upper
43 100
70 53.0 39.0 58.4
55 28.7 21.1 31.7
61 28.5 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 52.009 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

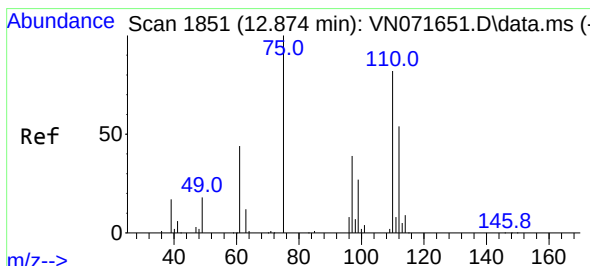
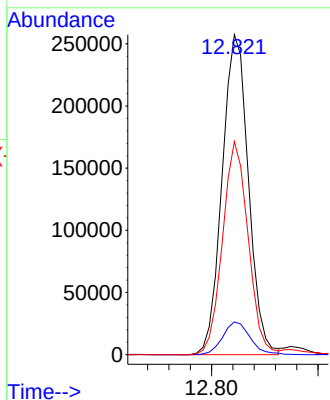
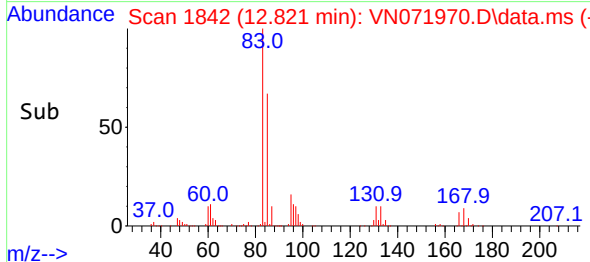
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



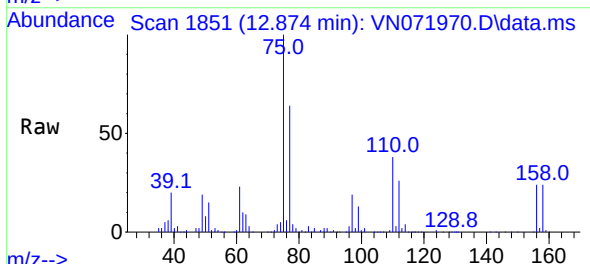
Tgt Ion: 83 Resp: 441945
Ion Ratio Lower Upper
83 100
131 10.7 5.3 15.9
85 64.7 32.3 96.9

Manual Integrations
APPROVED

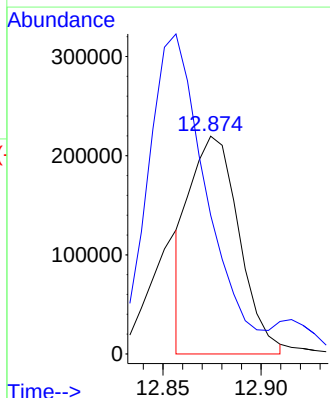
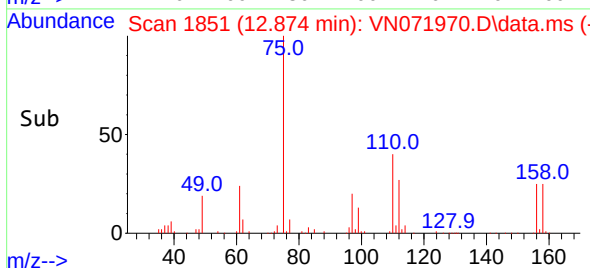
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

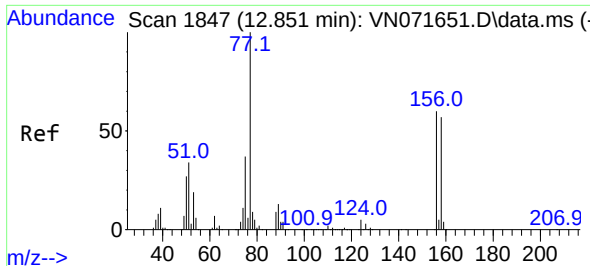


#76
1,2,3-Trichloropropane
Concen: 55.131 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32



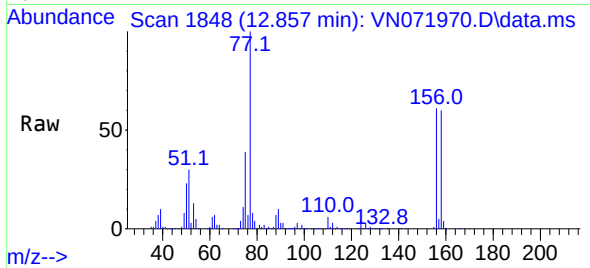
Tgt Ion: 75 Resp: 385990
Ion Ratio Lower Upper
75 100
77 174.5 98.5 295.5





#77
Bromobenzene
Concen: 53.845 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

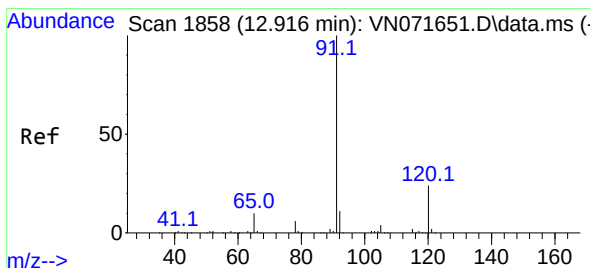
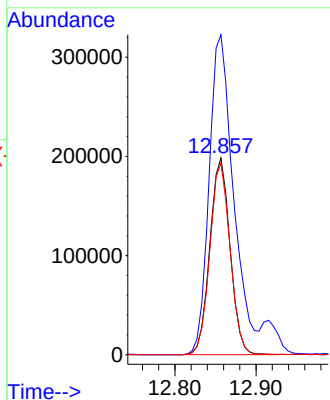
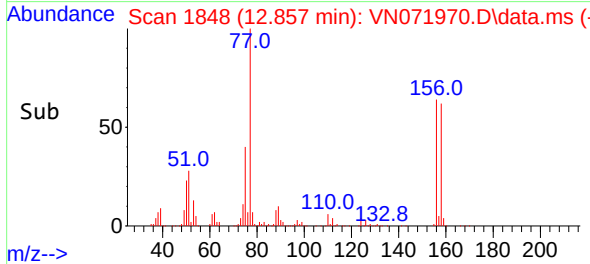
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



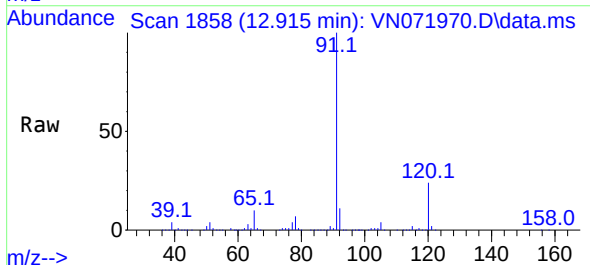
Tgt Ion: 156 Resp: 343768
Ion Ratio Lower Upper
156 100
77 195.9 100.5 301.5
158 97.2 48.9 146.6

Manual Integrations
APPROVED

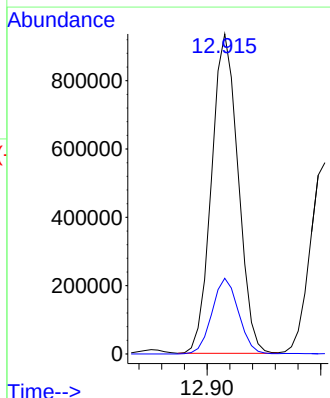
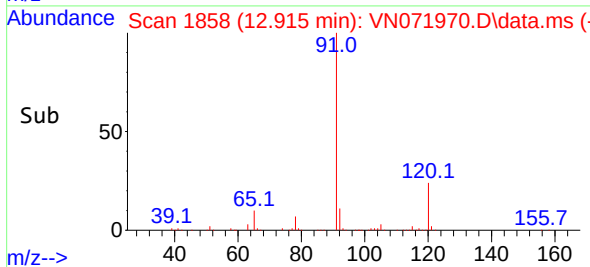
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

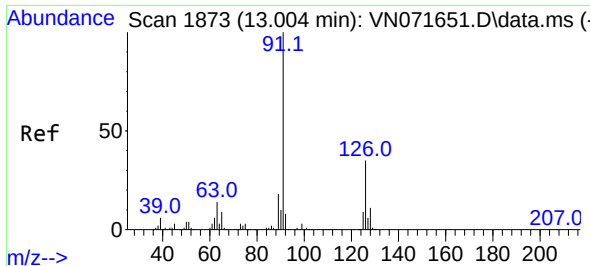


#78
n-propylbenzene
Concen: 56.749 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32



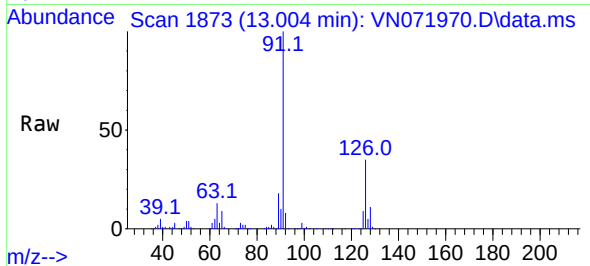
Tgt Ion: 91 Resp: 1520310
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.5





#79
2-Chlorotoluene
Concen: 54.056 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

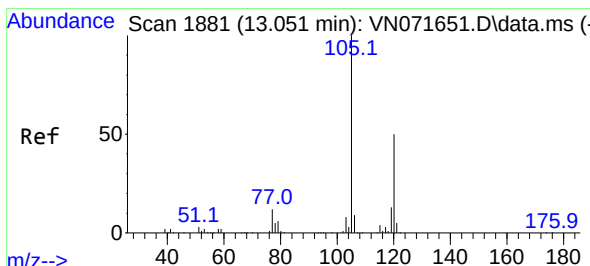
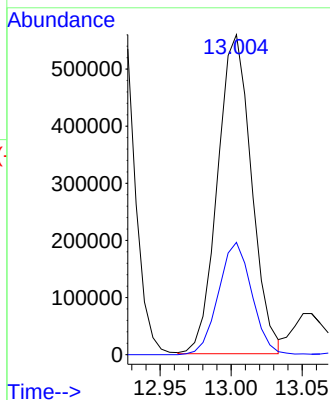
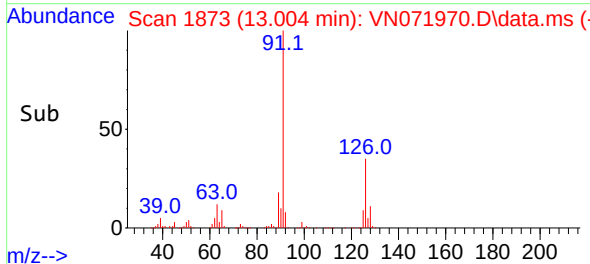
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



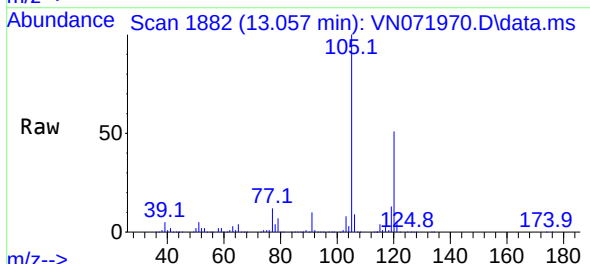
Tgt Ion: 91 Resp: 92873
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.9

Manual Integrations
APPROVED

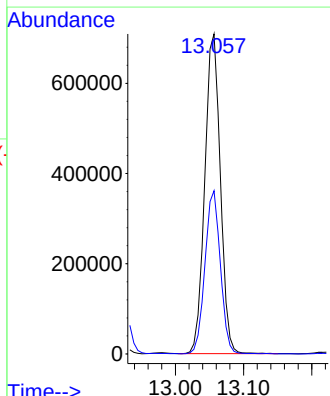
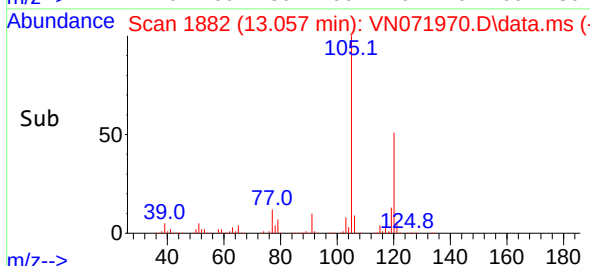
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

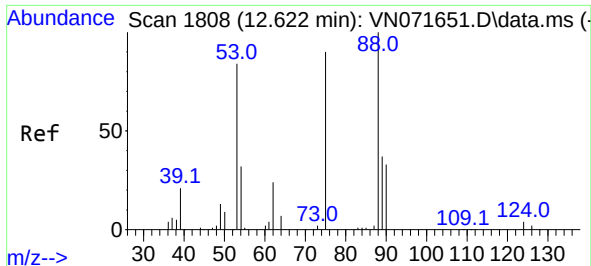


#80
1,3,5-Trimethylbenzene
Concen: 55.783 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32



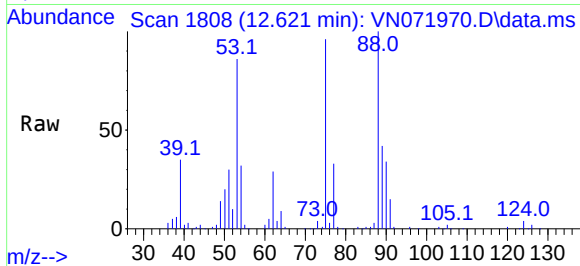
Tgt Ion:105 Resp: 1125618
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 56.735 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

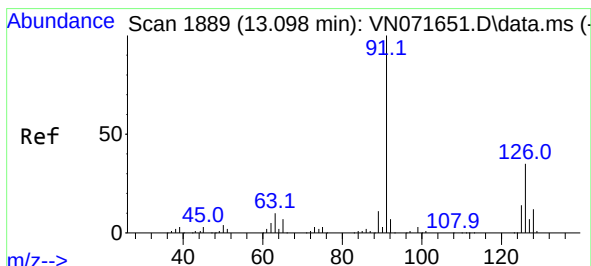
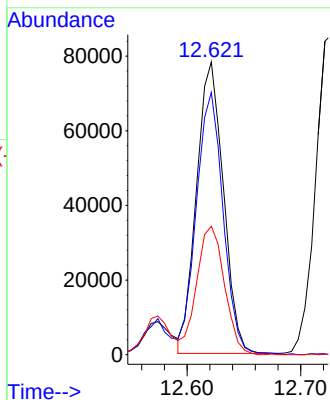
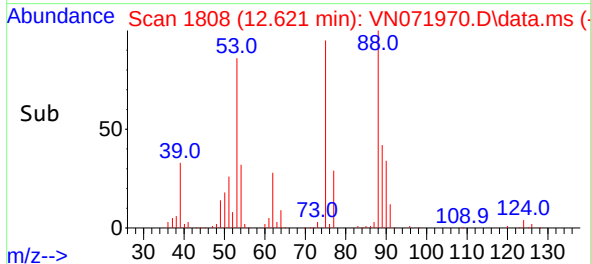
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



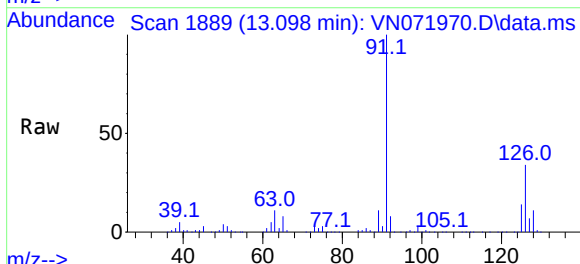
Tgt Ion: 75 Resp: 128179
Ion Ratio Lower Upper
75 100
53 90.3 78.0 117.0
89 45.8 37.2 55.8

Manual Integrations
APPROVED

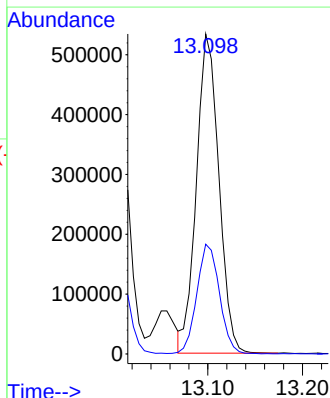
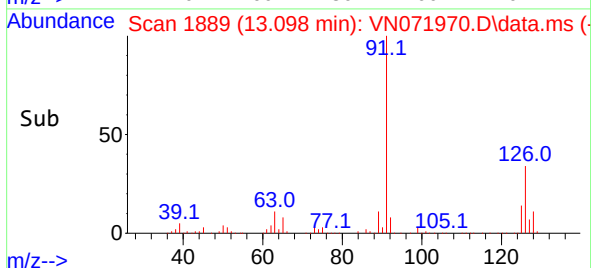
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

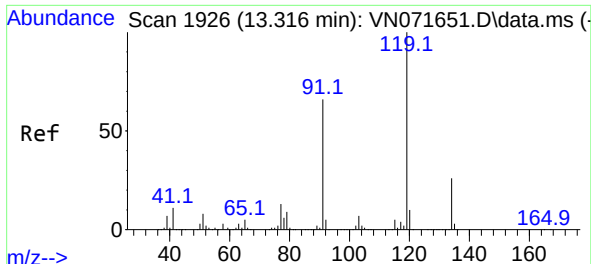


#82
4-Chlorotoluene
Concen: 55.049 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32



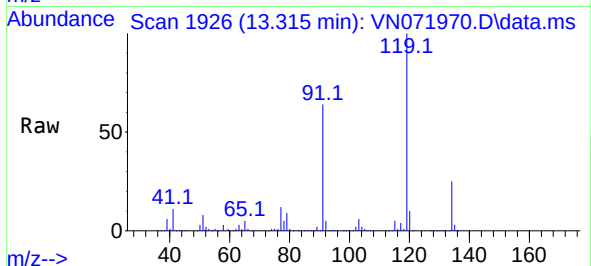
Tgt Ion: 91 Resp: 876667
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6





#83
tert-Butylbenzene
Concen: 55.061 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.001 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

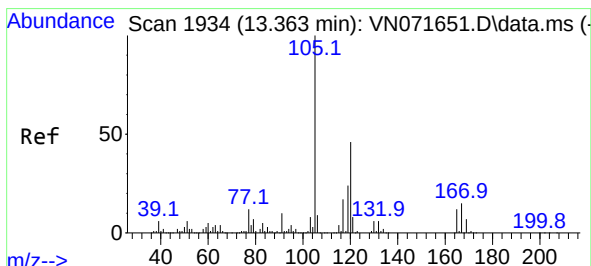
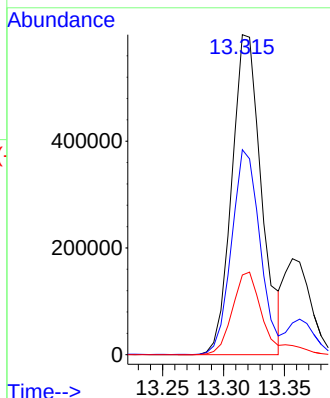
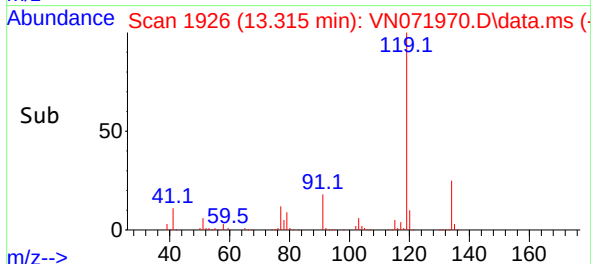
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



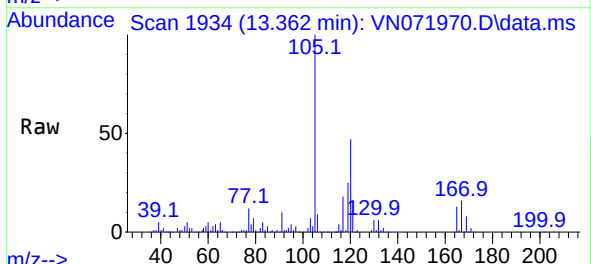
Tgt Ion:119 Resp: 101561
Ion Ratio Lower Upper
119 100
91 61.4 31.6 94.8
134 27.1 13.7 41.1

Manual Integrations
APPROVED

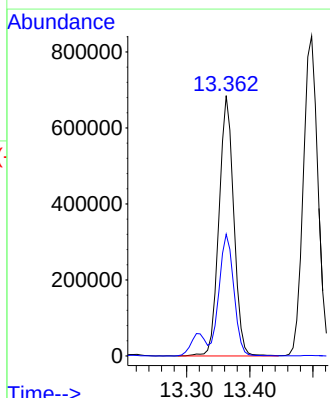
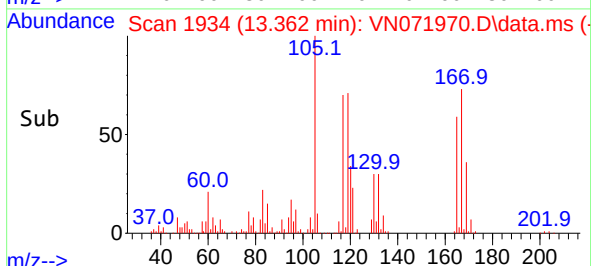
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

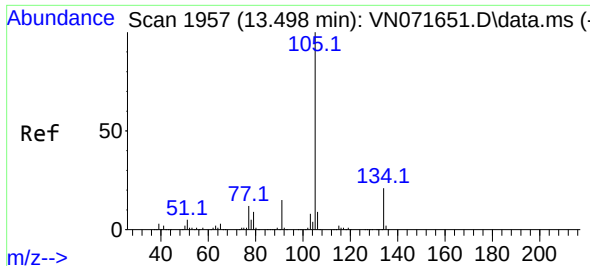


#84
1,2,4-Trimethylbenzene
Concen: 56.382 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32



Tgt Ion:105 Resp: 1110056
Ion Ratio Lower Upper
105 100
120 47.0 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 56.943 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071970.D
 Acq: 13 Apr 2022 11:32

Instrument :

MSVOA_N

ClientSampleId :

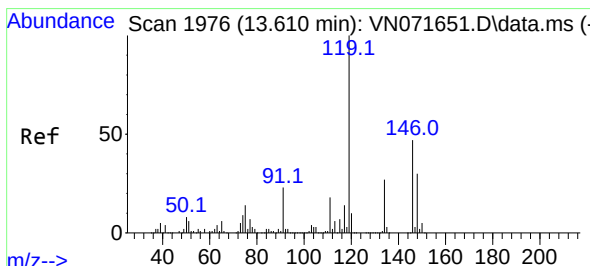
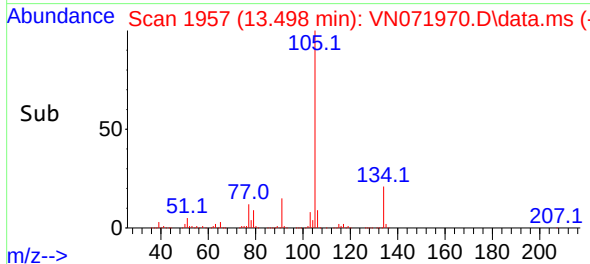
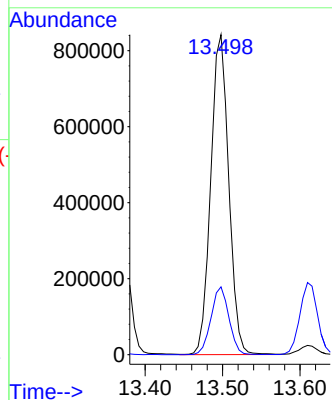
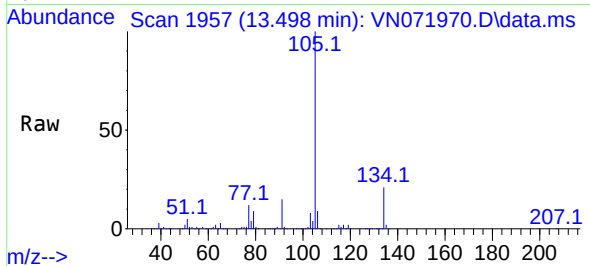
VSTDCCC050

Tgt Ion:105 Resp: 1361570
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.1

Manual Integrations

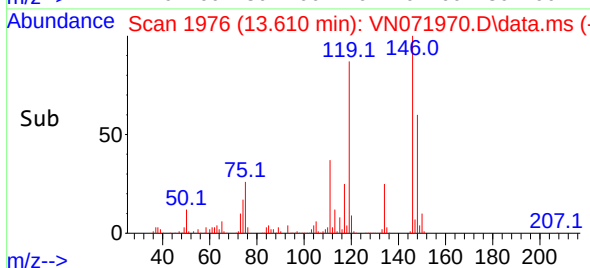
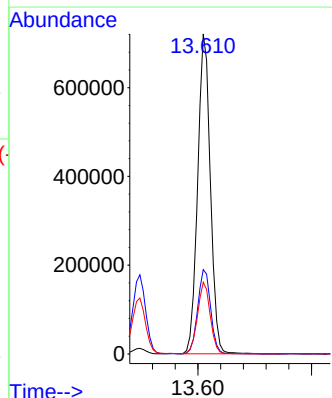
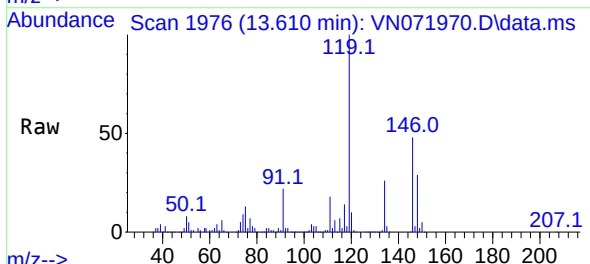
APPROVED

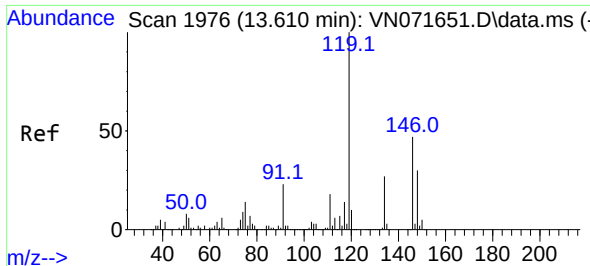
Reviewed By :John Carlone 04/14/2022
 Supervised By :Mahesh Dadoda 04/14/2022



#86
 p-Isopropyltoluene
 Concen: 58.793 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071970.D
 Acq: 13 Apr 2022 11:32

Tgt Ion:119 Resp: 1120894
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 22.3 11.3 33.9





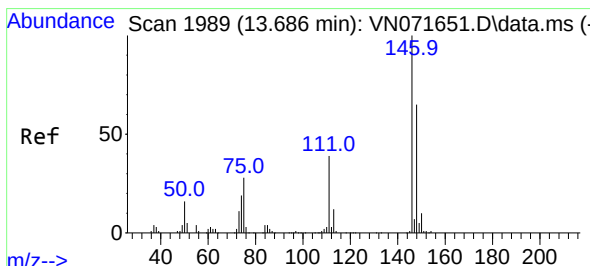
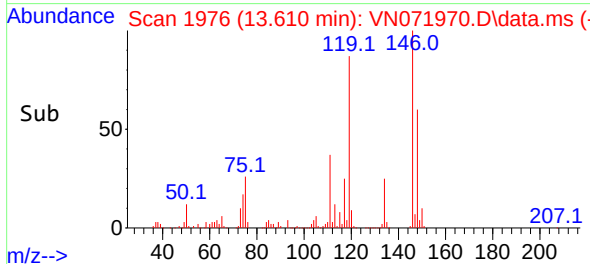
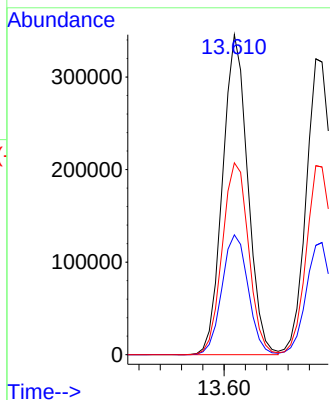
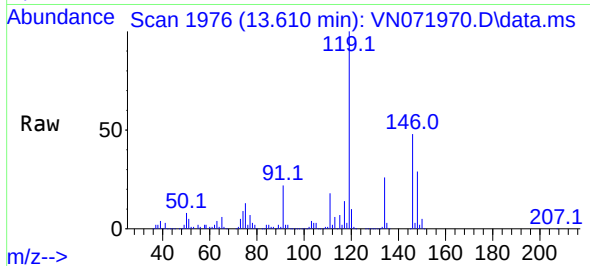
#87
1,3-Dichlorobenzene
Concen: 55.663 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 566160
Ion Ratio Lower Upper
146 100
111 39.2 20.0 60.0
148 62.9 32.0 96.0

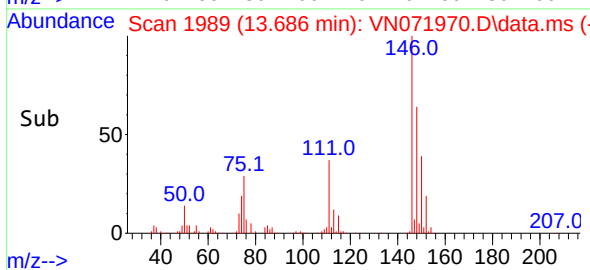
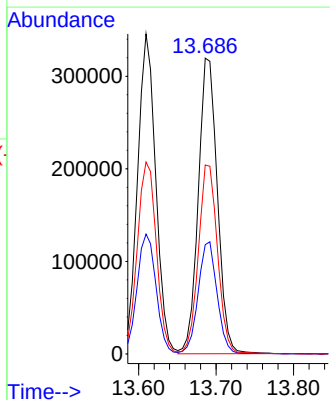
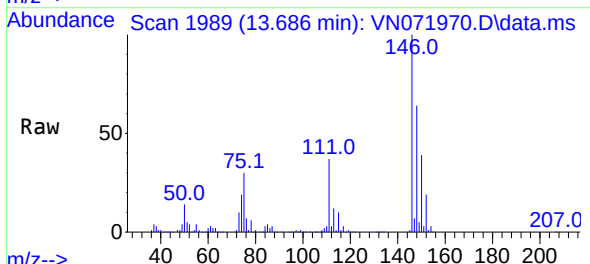
Manual Integrations
APPROVED

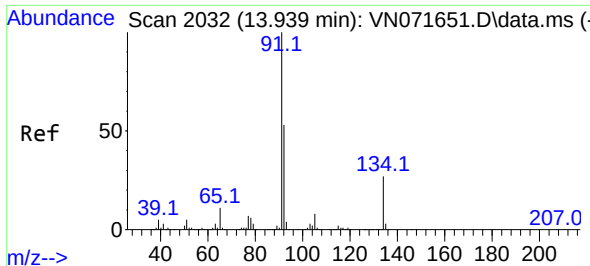
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#88
1,4-Dichlorobenzene
Concen: 55.095 ug/l
RT: 13.686 min Scan# 1989
Delta R.T. -0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

Tgt Ion:146 Resp: 546713
Ion Ratio Lower Upper
146 100
111 37.1 19.1 57.1
148 64.5 31.4 94.3





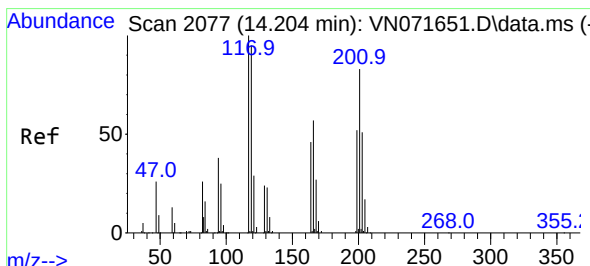
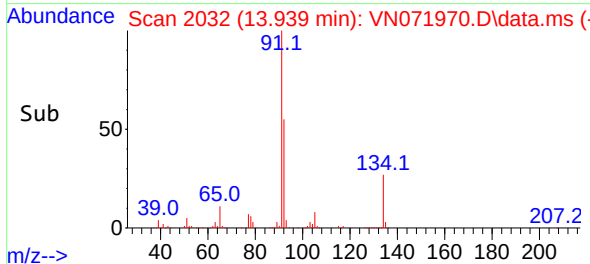
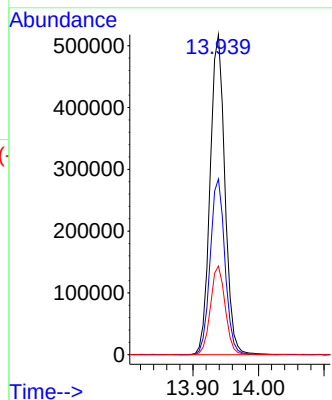
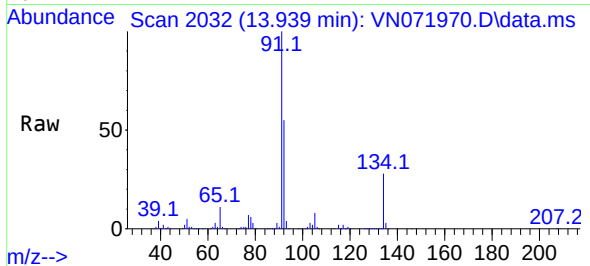
#89
n-Butylbenzene
Concen: 57.451 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 81238
Ion Ratio Lower Upper
91 100
92 54.9 26.9 80.7
134 27.7 13.6 40.8

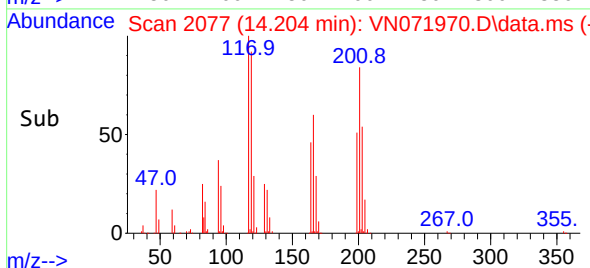
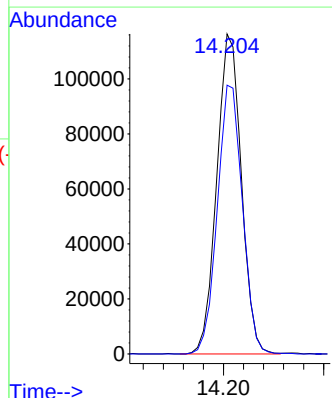
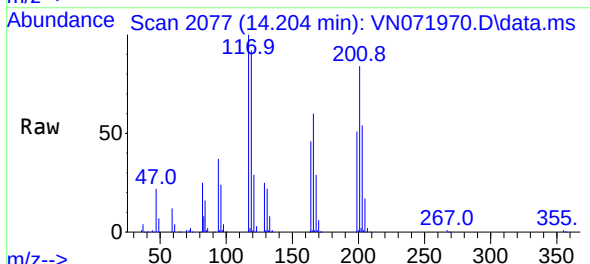
Manual Integrations
APPROVED

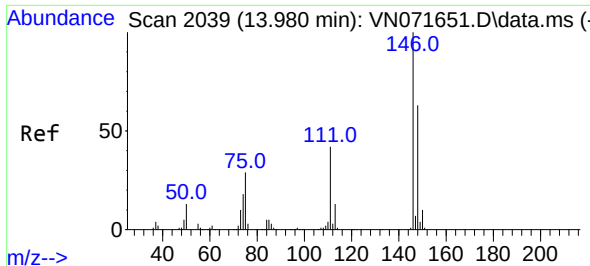
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#90
Hexachloroethane
Concen: 56.667 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

Tgt Ion:117 Resp: 197767
Ion Ratio Lower Upper
117 100
201 85.8 40.6 122.0





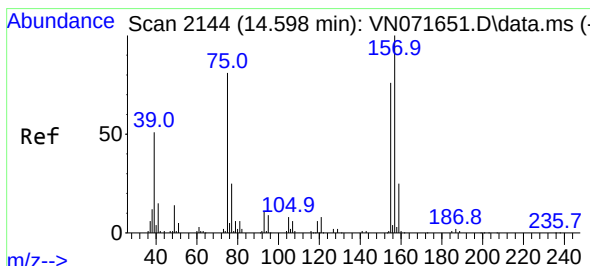
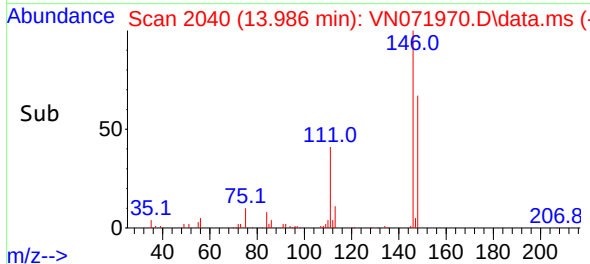
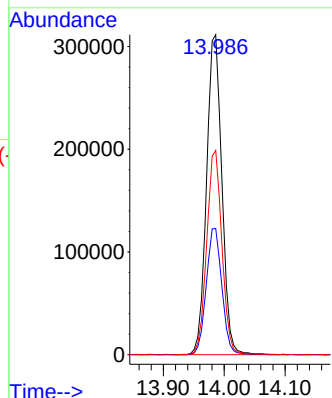
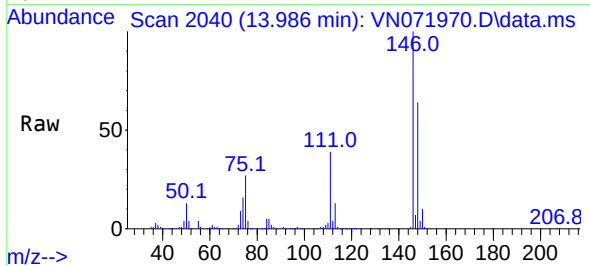
#91
1,2-Dichlorobenzene
Concen: 54.606 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 545260
Ion Ratio Lower Upper
146 100
111 40.2 20.9 62.8
148 63.5 32.1 96.3

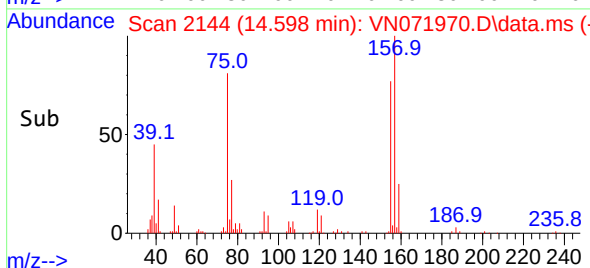
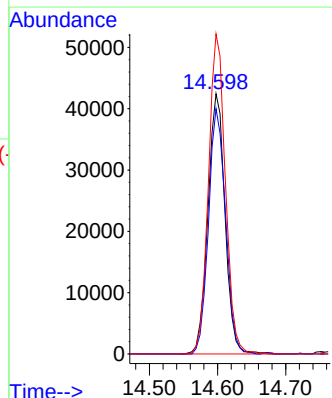
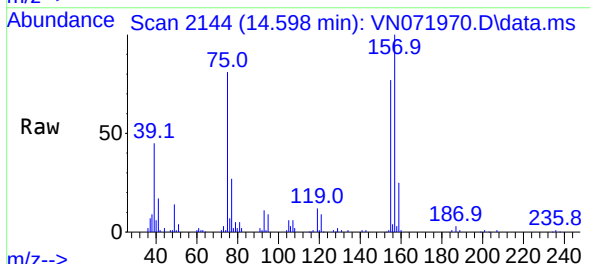
Manual Integrations
APPROVED

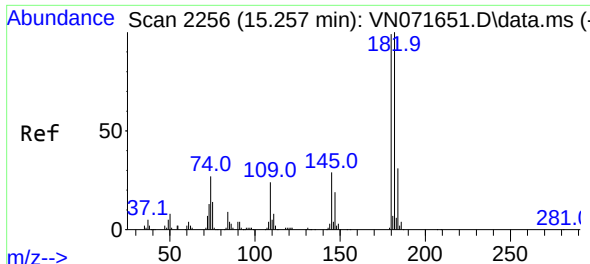
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.172 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

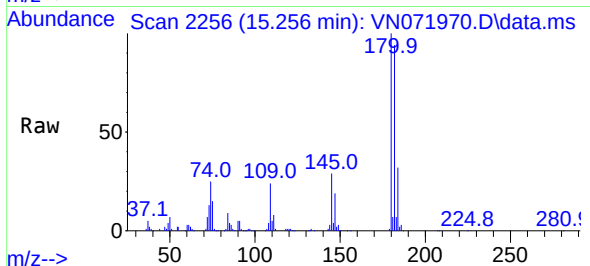
Tgt Ion: 75 Resp: 74038
Ion Ratio Lower Upper
75 100
155 94.1 44.9 134.5
157 121.8 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 53.997 ug/l
RT: 15.256 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

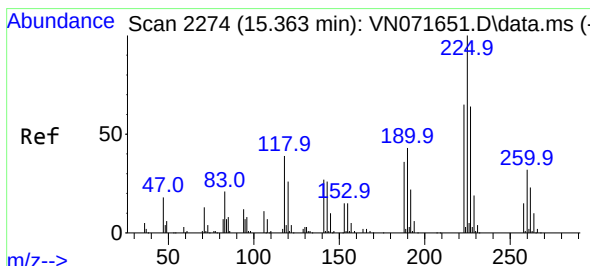
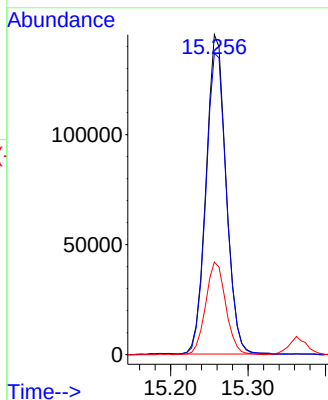
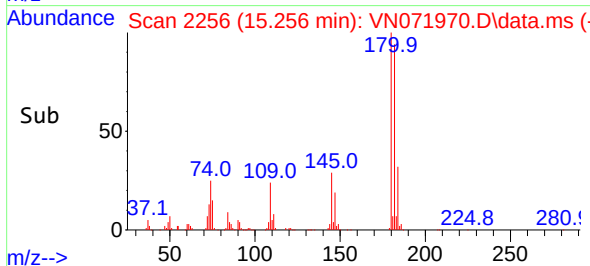
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



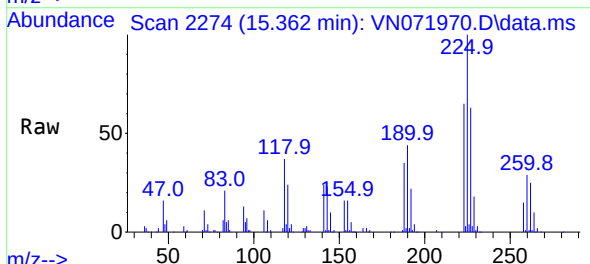
Tgt Ion:180 Resp: 260559
Ion Ratio Lower Upper
180 100
182 96.5 47.5 142.5
145 29.3 14.5 43.5

Manual Integrations
APPROVED

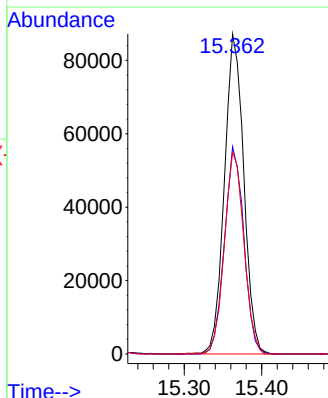
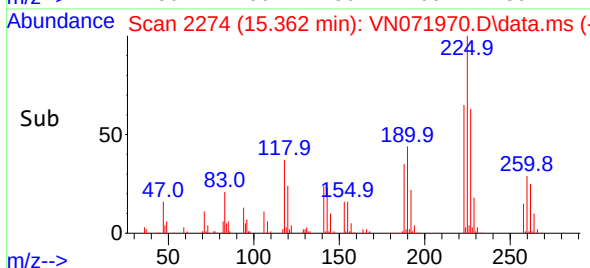
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

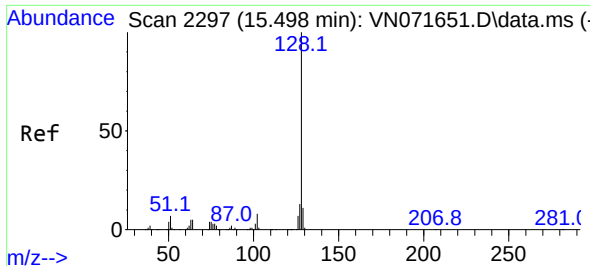


#94
Hexachlorobutadiene
Concen: 51.494 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.001 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32



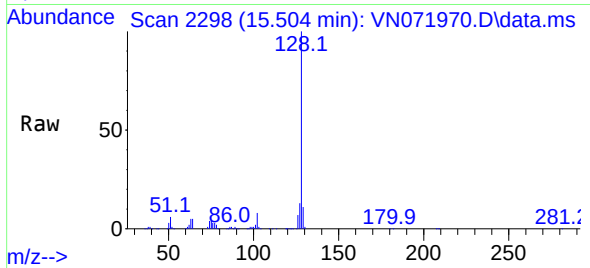
Tgt Ion:225 Resp: 151651
Ion Ratio Lower Upper
225 100
223 64.7 32.4 97.2
227 63.5 31.8 95.4





#95
Naphthalene
Concen: 55.172 ug/l
RT: 15.504 min Scan# 2297
Delta R.T. 0.006 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

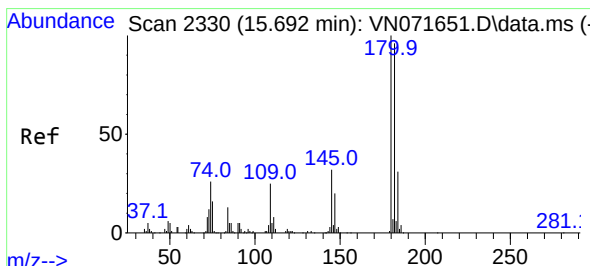
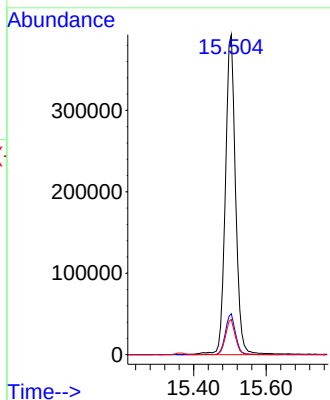
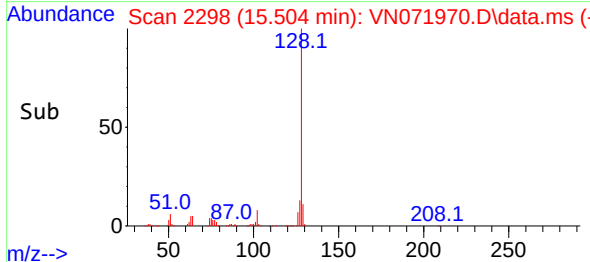
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 76518
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 56.493 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071970.D
Acq: 13 Apr 2022 11:32

Tgt Ion:180 Resp: 264759
Ion Ratio Lower Upper
180 100
182 95.3 47.8 143.3
145 30.2 15.5 46.5

