

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041322\
 Data File : VN071977.D
 Acq On : 13 Apr 2022 15:40
 Operator : JC\MD
 Sample : VN0413WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Apr 14 02:33:13 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	8.086	168	537591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	827593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	731509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	284487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	282025	45.953	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.900%		
35) Dibromofluoromethane	8.022	113	253016	51.955	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.900%		
50) Toluene-d8	10.439	98	1006271	50.511	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.020%		
62) 4-Bromofluorobenzene	12.727	95	311324	48.320	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	109843	25.701	ug/l	99
3) Chloromethane	2.304	50	119735	22.109	ug/l	98
4) Vinyl Chloride	2.440	62	120499	20.261	ug/l	98
5) Bromomethane	2.846	94	81039	20.961	ug/l	94
6) Chloroethane	3.016	64	74720	17.464	ug/l	95
7) Trichlorofluoromethane	3.375	101	164566	21.748	ug/l	95
8) Diethyl Ether	3.828	74	68207	21.329	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.216	101	98517	21.128	ug/l	97
10) Methyl Iodide	4.422	142	135326	20.761	ug/l	100
11) Tert butyl alcohol	5.369	59	95592	95.979	ug/l	100
12) 1,1-Dichloroethene	4.187	96	96275	21.697	ug/l	95
13) Acrolein	4.046	56	91335	75.211	ug/l	100
14) Allyl chloride	4.845	41	141660	19.669	ug/l	93
15) Acrylonitrile	5.551	53	308191	106.458	ug/l	99
16) Acetone	4.287	43	230552	87.902	ug/l	92
17) Carbon Disulfide	4.534	76	235701	23.151	ug/l	99
18) Methyl Acetate	4.857	43	134422	19.781	ug/l	97
19) Methyl tert-butyl Ether	5.616	73	333187	20.212	ug/l	99
20) Methylene Chloride	5.093	84	118906	21.509	ug/l	93
21) trans-1,2-Dichloroethene	5.598	96	102973	21.139	ug/l	98
22) Diisopropyl ether	6.498	45	318756	20.330	ug/l	93
23) Vinyl Acetate	6.434	43	1301202	104.361	ug/l	99
24) 1,1-Dichloroethane	6.387	63	192667	20.932	ug/l	96
25) 2-Butanone	7.334	43	377454	99.826	ug/l	99
26) 2,2-Dichloropropane	7.328	77	153597	19.425	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	125264	20.970	ug/l	96
28) Bromochloromethane	7.651	49	69397	18.690	ug/l	96
29) Tetrahydrofuran	7.681	42	254709	104.034	ug/l	95
30) Chloroform	7.816	83	198382	20.412	ug/l	98
31) Cyclohexane	8.092	56	180713	21.652	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	168666	20.286	ug/l	96
36) 1,1-Dichloropropene	8.222	75	145568	21.405	ug/l	99
37) Ethyl Acetate	7.410	43	158539	21.299	ug/l	99
38) Carbon Tetrachloride	8.204	117	141972	21.301	ug/l	97
39) Methylcyclohexane	9.457	83	178040	21.993	ug/l	98
40) Benzene	8.457	78	466123	21.697	ug/l	98

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 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)
41) Methacrylonitrile	7.634	41	76277	20.928	ug/l	95
42) 1,2-Dichloroethane	8.528	62	147680	19.872	ug/l	96
43) Isopropyl Acetate	8.557	43	230626	18.628	ug/l	96
44) Trichloroethene	9.210	130	119417	21.576	ug/l	98
45) 1,2-Dichloropropane	9.486	63	115668	21.552	ug/l	98
46) Dibromomethane	9.575	93	77748	21.337	ug/l	97
47) Bromodichloromethane	9.757	83	152108	21.206	ug/l	99
48) Methyl methacrylate	9.557	41	106969	20.825	ug/l	93
49) 1,4-Dioxane	9.569	88	52269	420.928	ug/l	98
51) 4-Methyl-2-Pentanone	10.327	43	749382	105.275	ug/l	95
52) Toluene	10.504	92	300667	22.141	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	154759	20.586	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	178731	21.517	ug/l	93
55) 1,1,2-Trichloroethane	10.898	97	118609	21.222	ug/l	98
56) Ethyl methacrylate	10.757	69	174228	21.852	ug/l #	90
57) 1,3-Dichloropropane	11.039	76	199511	21.350	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	176287	83.911	ug/l	100
59) 2-Hexanone	11.080	43	525476	104.851	ug/l	95
60) Dibromochloromethane	11.233	129	122201	22.424	ug/l	98
61) 1,2-Dibromoethane	11.339	107	119294	21.684	ug/l	97
64) Tetrachloroethene	10.975	164	105475	21.836	ug/l	98
65) Chlorobenzene	11.769	112	316643	21.618	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.839	131	112664	21.316	ug/l	99
67) Ethyl Benzene	11.839	91	535442	21.594	ug/l	100
68) m/p-Xylenes	11.951	106	416071	43.672	ug/l	99
69) o-Xylene	12.274	106	204589	21.635	ug/l	99
70) Styrene	12.292	104	321925	22.468	ug/l	99
71) Bromoform	12.451	173	92329	22.939	ug/l #	97
73) Isopropylbenzene	12.574	105	522188	21.782	ug/l	100
74) N-amyl acetate	12.386	43	139521	20.313	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	176939	22.121	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	130233m	19.761	ug/l	
77) Bromobenzene	12.857	156	127884	21.280	ug/l	96
78) n-propylbenzene	12.916	91	548175	21.738	ug/l	100
79) 2-Chlorotoluene	13.004	91	351878	21.758	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	427243	22.494	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	42960	20.201	ug/l	98
82) 4-Chlorotoluene	13.098	91	316789	21.133	ug/l	100
83) tert-Butylbenzene	13.321	119	379986	21.885	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	415060	22.396	ug/l	99
85) sec-Butylbenzene	13.498	105	495110	21.998	ug/l	100
86) p-Isopropyltoluene	13.610	119	401285	22.361	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	202001	21.099	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	195857	20.968	ug/l	99
89) n-Butylbenzene	13.939	91	271770	20.418	ug/l	99
90) Hexachloroethane	14.204	117	72383	22.034	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	202610	21.556	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	26789	21.592	ug/l	97
93) 1,2,4-Trichlorobenzene	15.262	180	85491	20.180	ug/l	98
94) Hexachlorobutadiene	15.368	225	57359	20.691	ug/l	97
95) Naphthalene	15.504	128	212259	18.941	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	82395	20.293	ug/l	98

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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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Supervised By :Mahesh Dadoda 04/14/2022

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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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Abundance

TIC: VN071977.D\data.ms

Time-->

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

1600000

1500000

1400000

1300000

1200000

1100000

1000000

900000

800000

700000

600000

500000

400000

300000

200000

100000

0

Dichlorodifluoromethane, T

Chloromethane, P

Vinyl Chloride, C

Bromomethane, T

Chloroethane, T

Trichlorofluoromethane, T

Diethyl Ether, T

Acrolein, T

Acetone, T

1,1,1-Trichloroethane, T

Methyl formate, T

Carbon Disulfide, T

Methyl acetate, T

Methylene Chloride, T

Tert butyl alcohol, T

Acrylonitrile, T

1,1-Dichloroethane, P

Vinyl Acetate, T

Disopropyl ether, T

Elmyl Acetate, T

2-Bromo-2-chloropropane, T

Methacrylonitrile, T

Chloroform, C

1,1,1-Trichloroethane, T

1,1,2-Trichloroethane, T

1,2-Dichloroethane, T

1,2-Dichloropropane, T

1,4-Difluorobenzene, I

Trichloroethene, TM

2-Bromopropane, T

1,1,1-Trichloroethane, T

Bromodichloromethane, T

cis-1,3-Dichloropropene, T

2-Chloroethyl Vinyl ether, T

1,1,3-Trichloropropane, T

1,1,2-Trichloroethane, T

1,3-Dichloropropane, T

Dibromochloromethane, T

1,2-Dibromoethane, T

Chlorobenzene, PM

Ethyl Bromide, T

1,1,1-Trichloroethane, T

Syrene, T

Bromotoluene, T

Nonyl acetate, T

trans-1,4-Dichloro-2-butene, T

Isopropylbenzene, T

4-Bromofluorobenzene, S

1,1,2-Trichloroethane, T

1,3,5-Trimethylbenzene, T

4-Chlorotoluene, T

tert-Butylbenzene, T

sec-Butylbenzene, T

1,4-Dichlorobenzene, T

1,2-Dichlorobenzene, T

Hexachloroethane, T

1,2-Dibromo-3-Chloropropane, T

1,2,4-Trichlorobenzene, T

Hexachlorobutadiene, T

Naphthalene, T

1,2,3-Trichlorobenzene, T

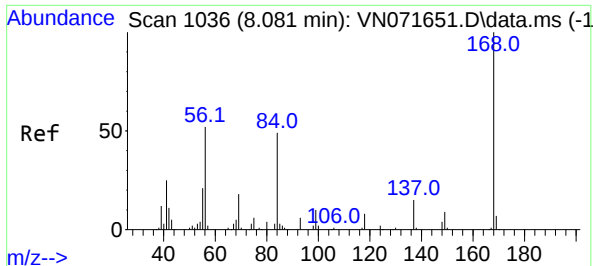
4-Methyl-2-Pentanone, T

Toluene, T

2-Hexanone, T

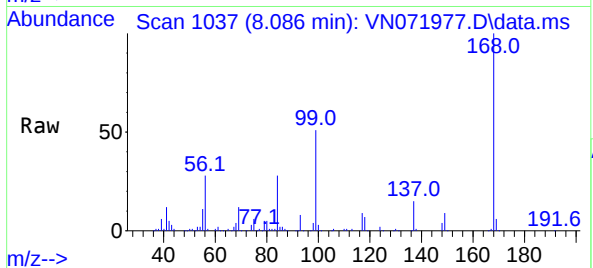
1,2,4-Trimethylbenzene, T

1,4-Dichlorobenzene, T



Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN071977.D
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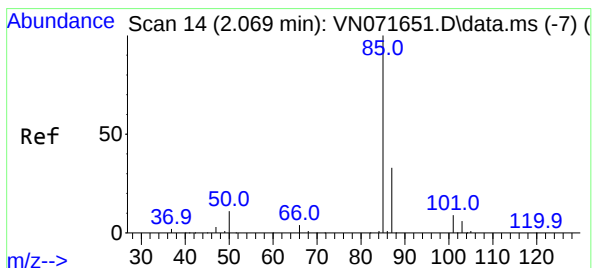
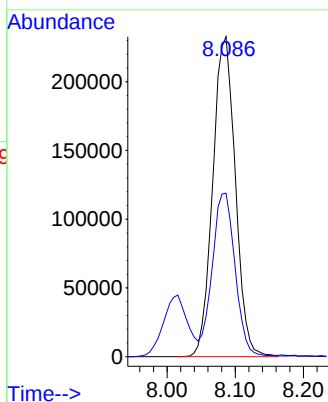
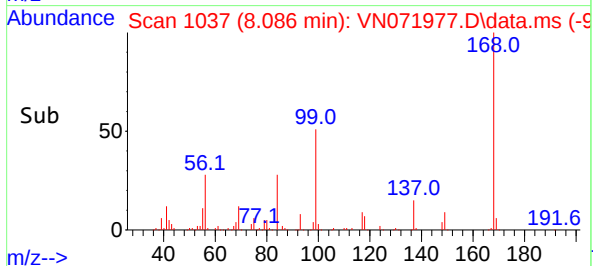
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01



Tgt Ion:168 Resp: 53759
Ion Ratio Lower Upper
168 100
99 50.8 42.3 63.5

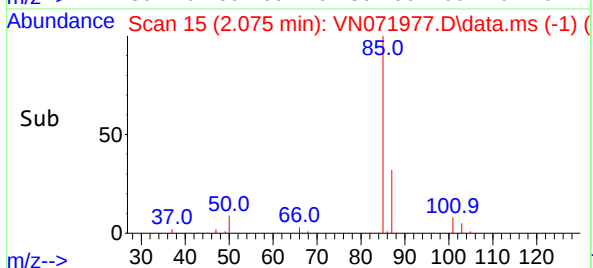
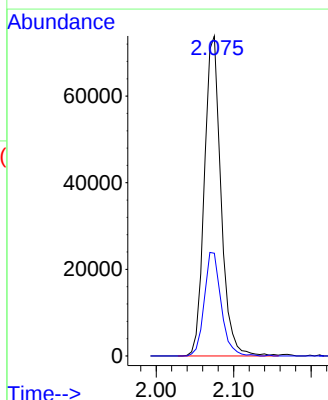
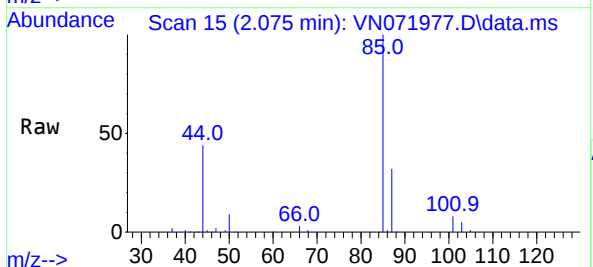
Manual Integrations
APPROVED

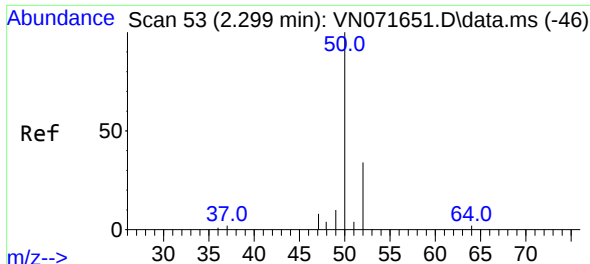
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



Dichlorodifluoromethane
Concen: 25.701 ug/l
RT: 2.075 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

Tgt Ion: 85 Resp: 109843
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.1





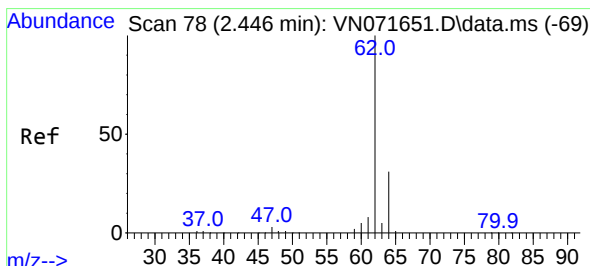
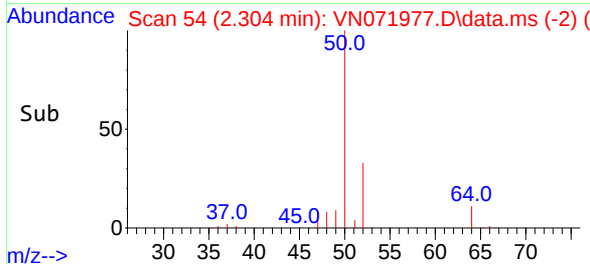
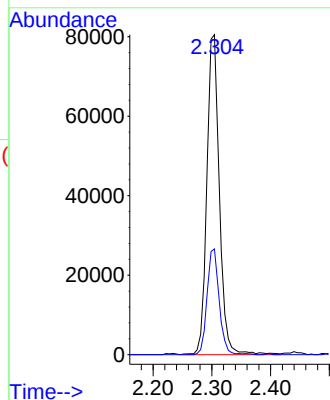
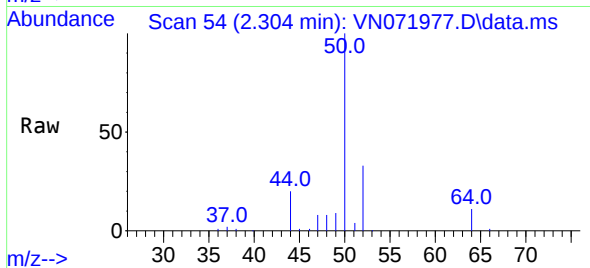
#3
Chloromethane
Concen: 22.109 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 119735
Ion Ratio Lower Upper
50 100
52 33.1 25.7 38.5

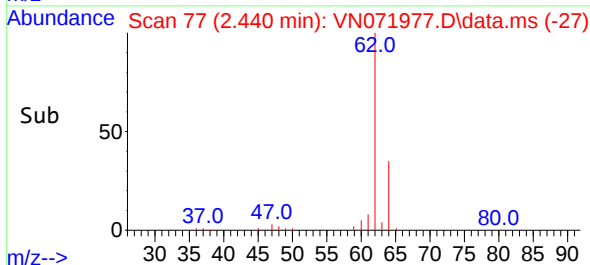
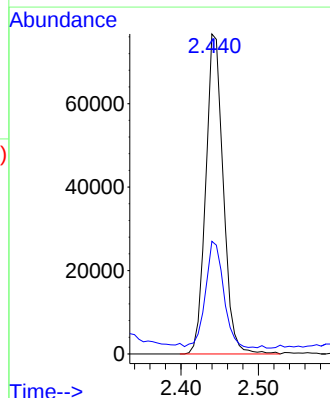
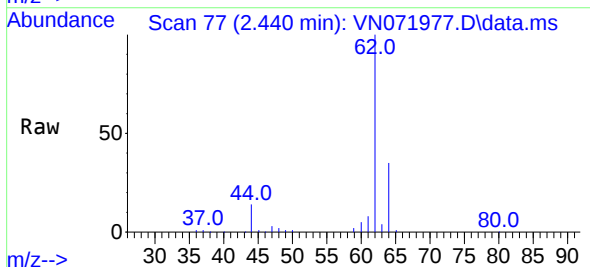
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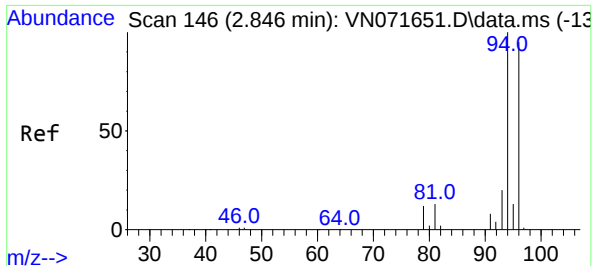
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#4
Vinyl Chloride
Concen: 20.261 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

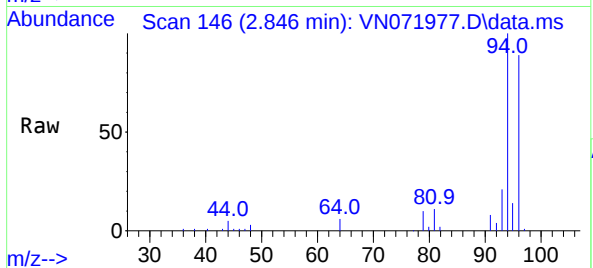
Tgt Ion: 62 Resp: 120499
Ion Ratio Lower Upper
62 100
64 32.5 25.0 37.4





#5
Bromomethane
Concen: 20.961 ug/l
RT: 2.846 min Scan# 146
Delta R.T. -0.000 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

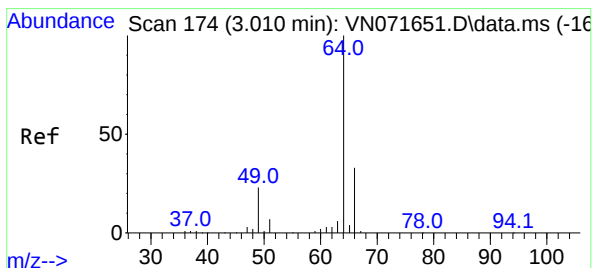
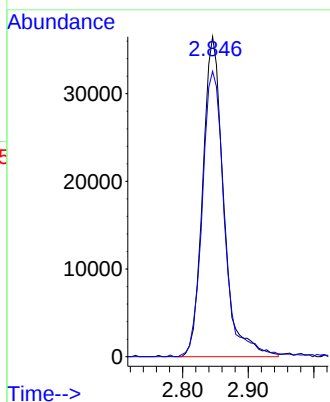
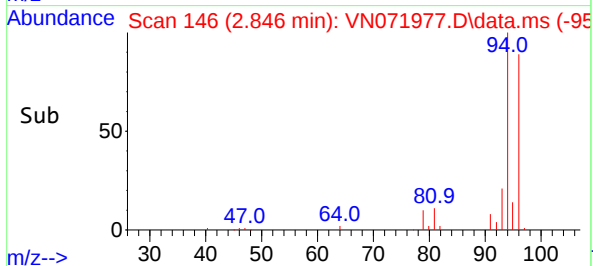
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01



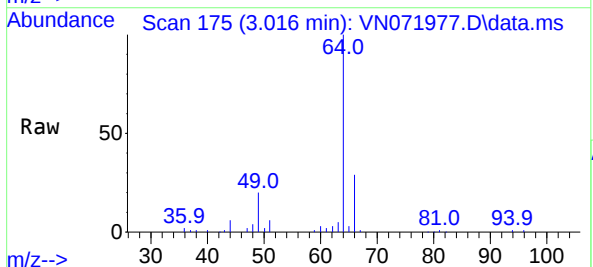
Tgt Ion: 94 Resp: 81039
Ion Ratio Lower Upper
94 100
96 89.1 76.0 114.0

Manual Integrations
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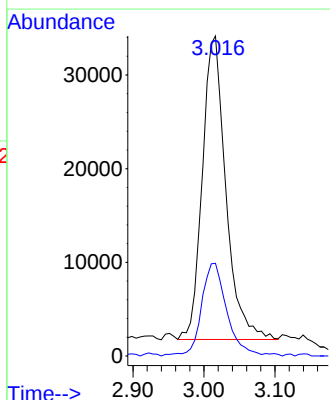
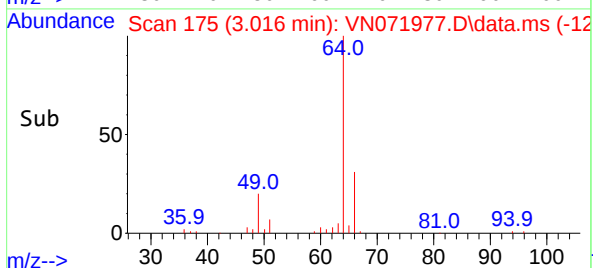
Reviewed By :John Carlone 04/14/2022
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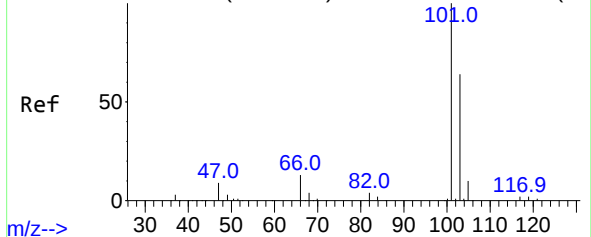
#6
Chloroethane
Concen: 17.464 ug/l
RT: 3.016 min Scan# 175
Delta R.T. 0.006 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40



Tgt Ion: 64 Resp: 74720
Ion Ratio Lower Upper
64 100
66 30.0 26.2 39.4



Abundance Scan 236 (3.375 min): VN071651.D\data.ms (-22



#7

Trichlorofluoromethane

Concen: 21.748 ug/l

RT: 3.375 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN071977.D

Acq: 13 Apr 2022 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBSD01

Tgt Ion:101 Resp: 16456

Ion Ratio Lower Upper

101 100

103 60.8 51.5 77.3

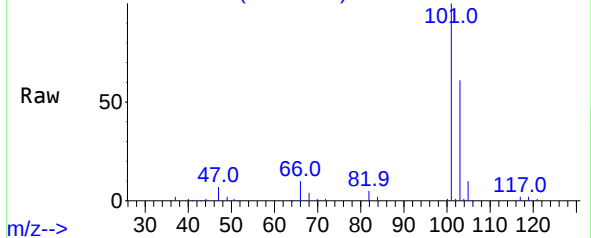
Manual Integrations

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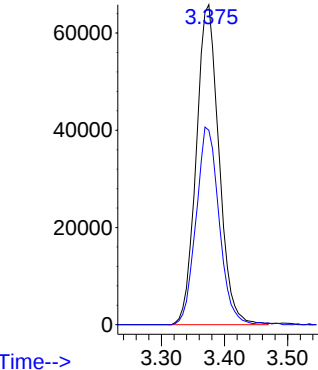
Reviewed By :John Carlone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022

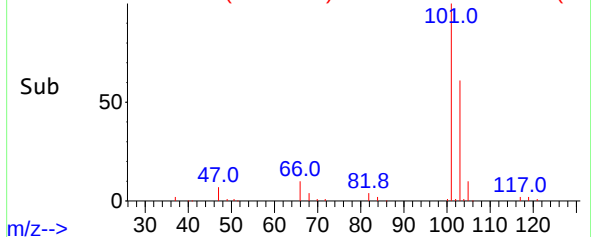
Abundance Scan 236 (3.375 min): VN071977.D\data.ms



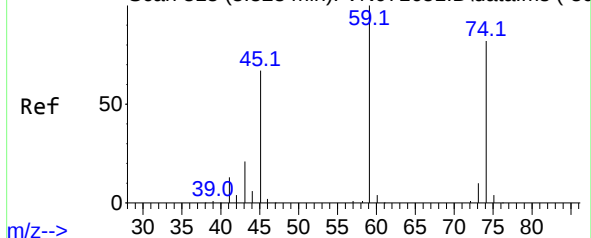
Abundance



Abundance Scan 236 (3.375 min): VN071977.D\data.ms (-18



Abundance Scan 313 (3.828 min): VN071651.D\data.ms (-30



#8

Diethyl Ether

Concen: 21.329 ug/l

RT: 3.828 min Scan# 313

Delta R.T. -0.000 min

Lab File: VN071977.D

Acq: 13 Apr 2022 15:40

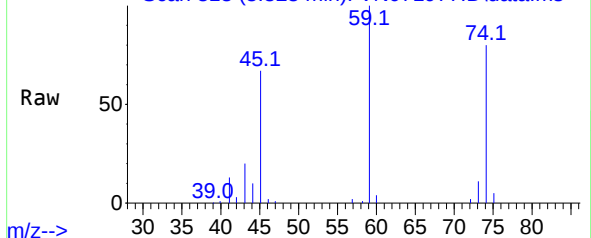
Tgt Ion: 74 Resp: 68207

Ion Ratio Lower Upper

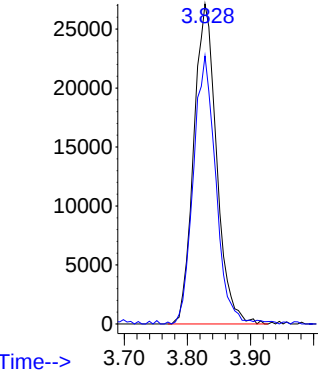
74 100

45 82.0 42.9 128.5

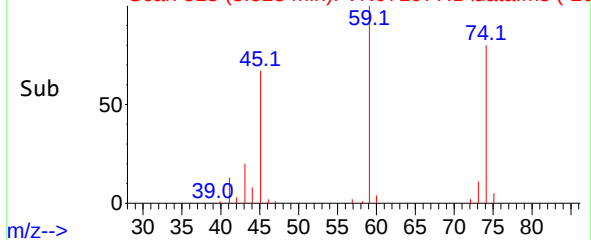
Abundance Scan 313 (3.828 min): VN071977.D\data.ms

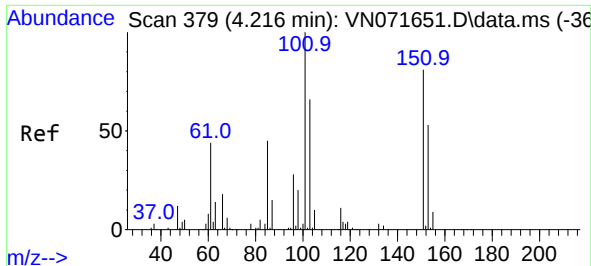


Abundance



Abundance Scan 313 (3.828 min): VN071977.D\data.ms (-26





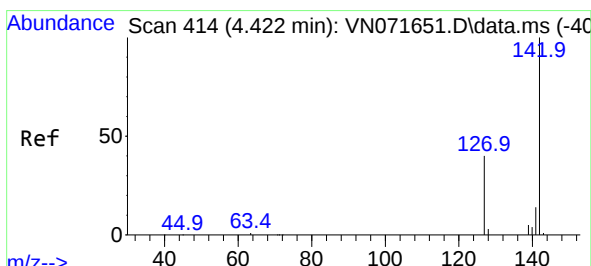
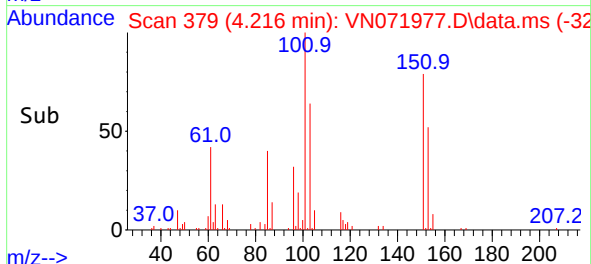
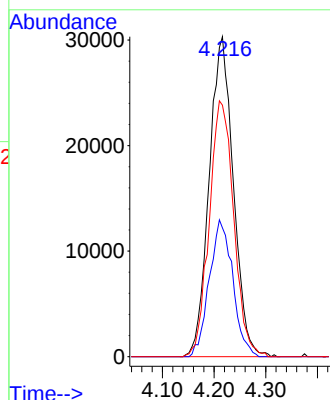
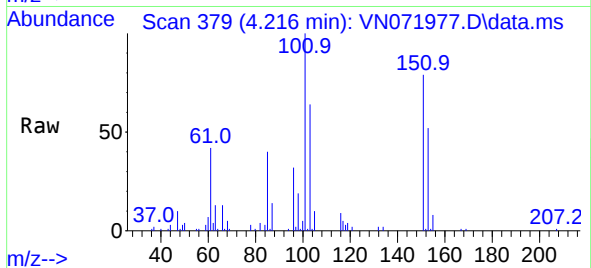
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.128 ug/l
RT: 4.216 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

Tgt Ion:101 Resp: 9851
Ion Ratio Lower Upper
101 100
85 41.5 34.7 52.1
151 80.9 63.0 94.4

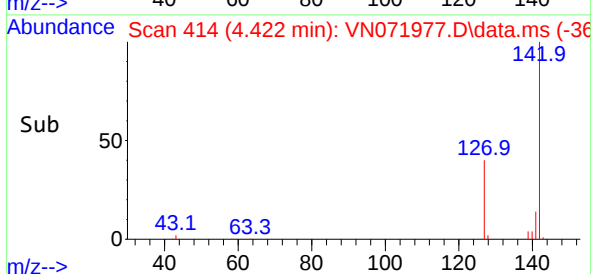
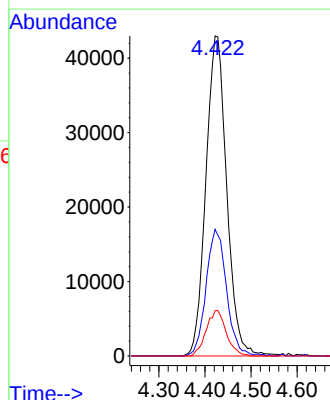
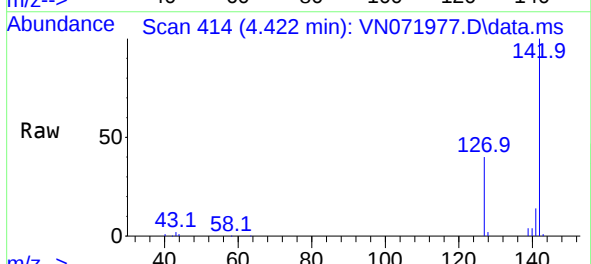
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 20.761 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

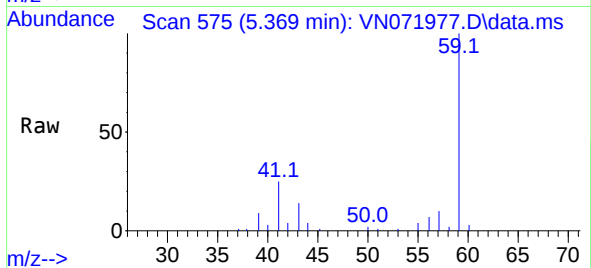
Tgt Ion:142 Resp: 135326
Ion Ratio Lower Upper
142 100
127 38.9 31.3 46.9
141 13.7 11.2 16.8





#11
Tert butyl alcohol
Concen: 95.979 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

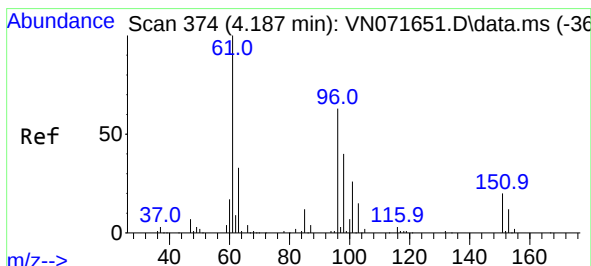
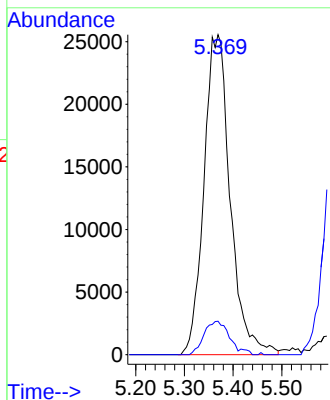
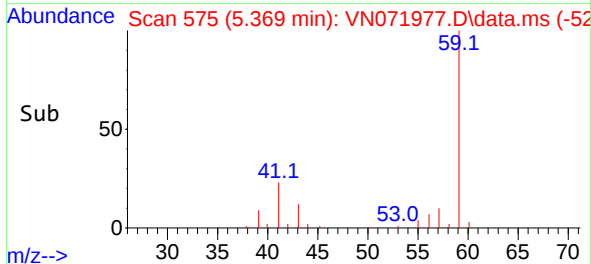
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01



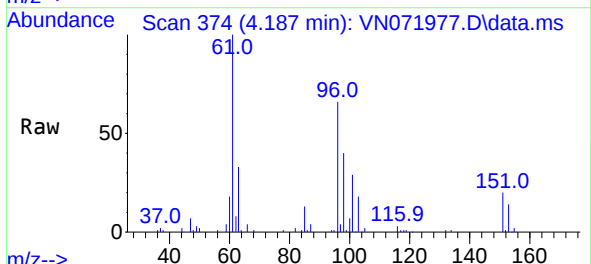
Tgt Ion: 59 Resp: 95592
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

Manual Integrations
APPROVED

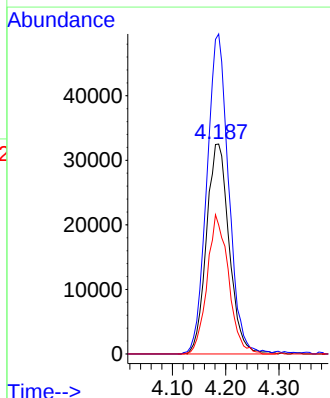
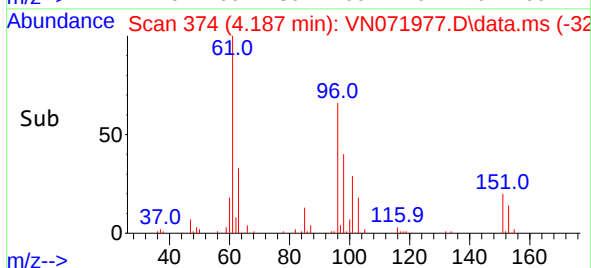
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#12
1,1-Dichloroethene
Concen: 21.697 ug/l
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40



Tgt Ion: 96 Resp: 96275
Ion Ratio Lower Upper
96 100
61 152.4 127.6 191.4
98 61.4 51.2 76.8





#13

Acrolein

Concen: 75.211 ug/l

RT: 4.046 min Scan# 3

Delta R.T. 0.006 min

Lab File: VN071977.D

Acq: 13 Apr 2022 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBSD01

Tgt Ion: 56 Resp: 9133

Ion Ratio Lower Upper

56 100

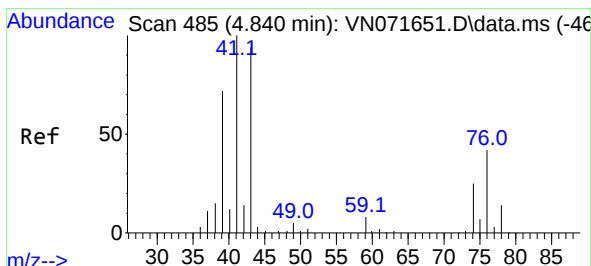
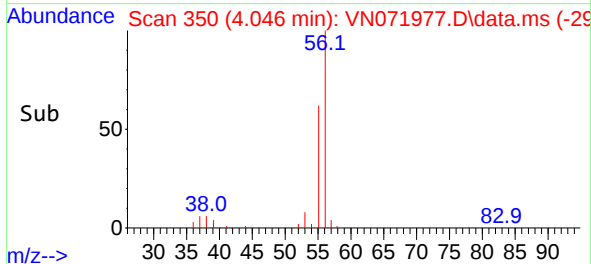
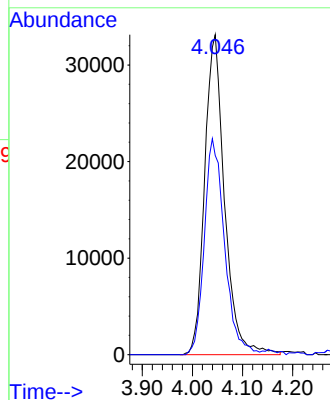
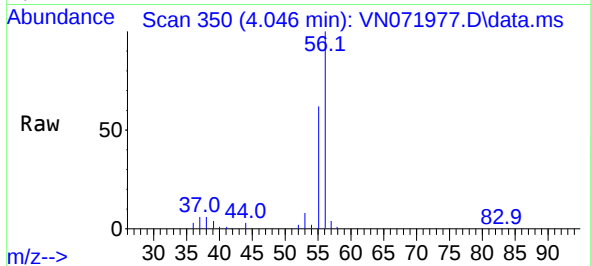
55 68.6 54.8 82.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022



#14

Allyl chloride

Concen: 19.669 ug/l

RT: 4.845 min Scan# 486

Delta R.T. 0.005 min

Lab File: VN071977.D

Acq: 13 Apr 2022 15:40

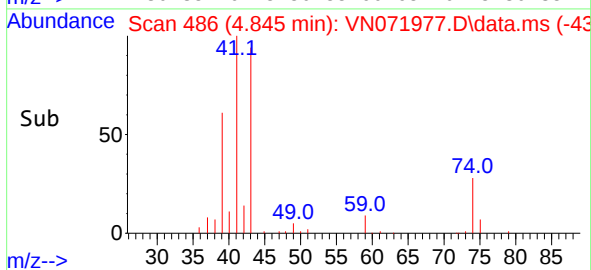
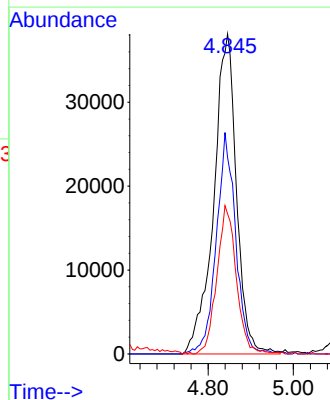
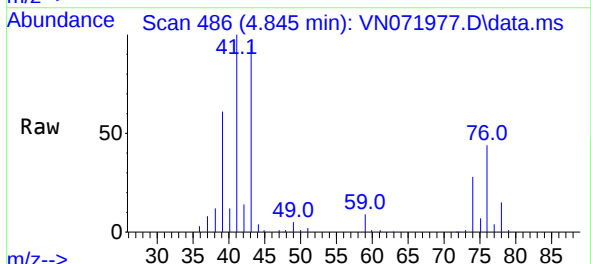
Tgt Ion: 41 Resp: 141660

Ion Ratio Lower Upper

41 100

39 59.2 53.2 79.8

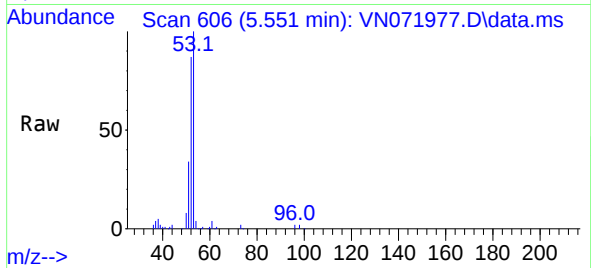
76 39.5 29.9 44.9





#15
Acrylonitrile
Concen: 106.458 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.005 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

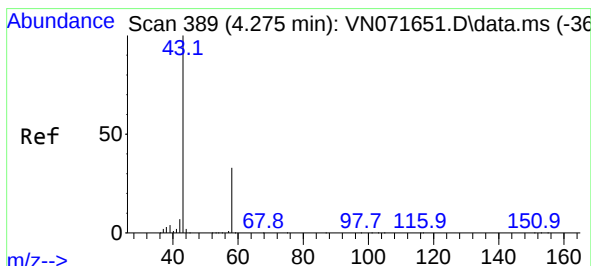
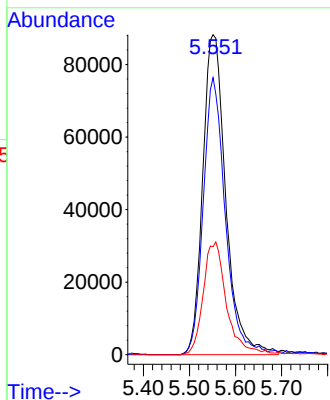
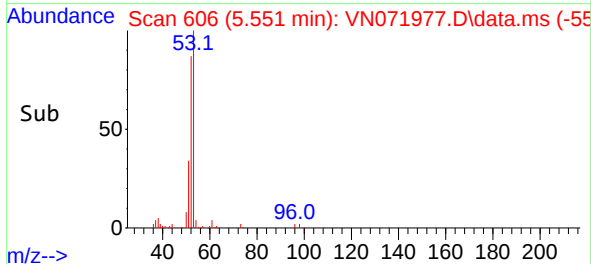
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01



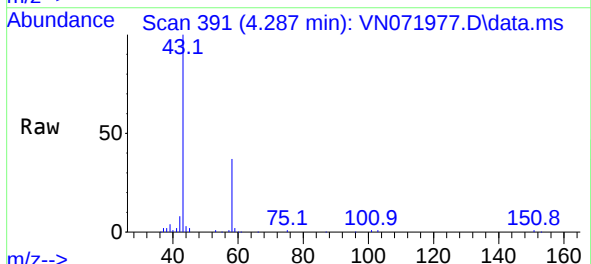
Tgt Ion: 53 Resp: 30819
Ion Ratio Lower Upper
53 100
52 82.4 66.4 99.6
51 35.4 28.5 42.7

Manual Integrations
APPROVED

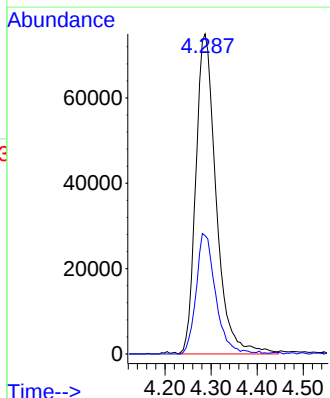
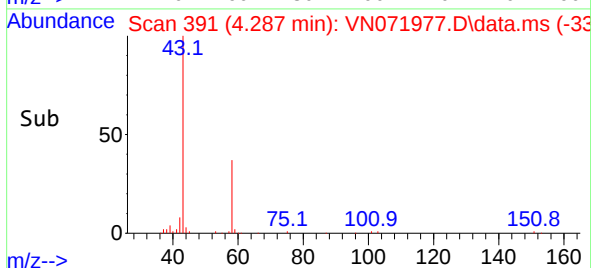
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

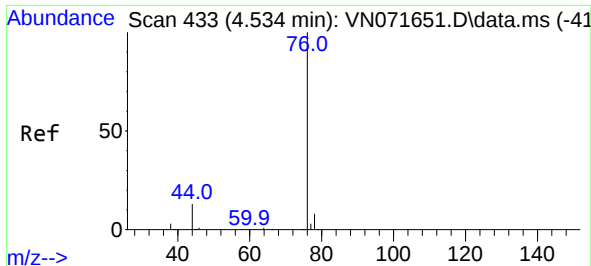


#16
Acetone
Concen: 87.902 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40



Tgt Ion: 43 Resp: 230552
Ion Ratio Lower Upper
43 100
58 37.0 26.0 39.0





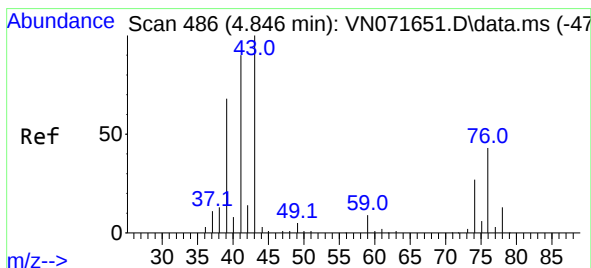
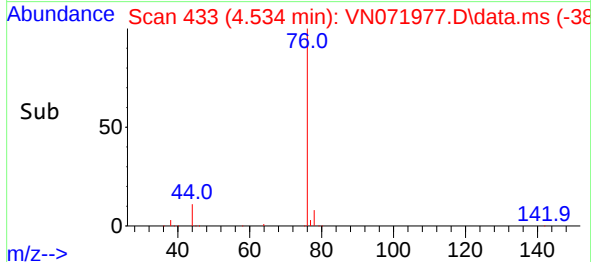
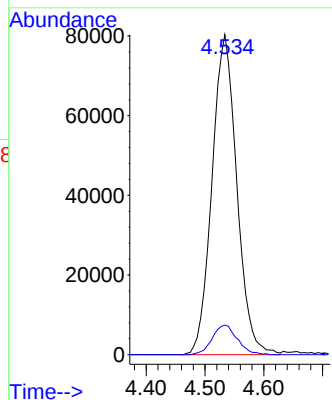
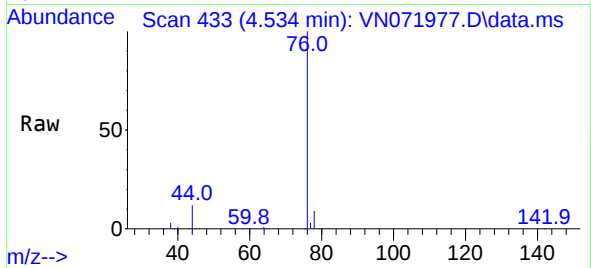
#17
Carbon Disulfide
Concen: 23.151 ug/l
RT: 4.534 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

Tgt Ion: 76 Resp: 23570
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

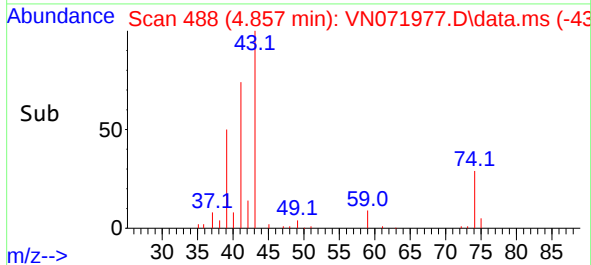
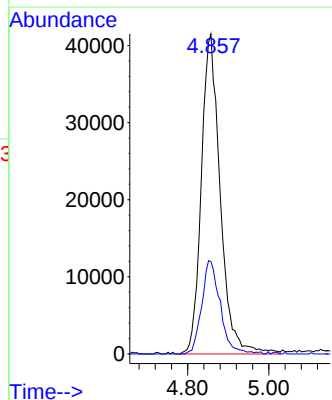
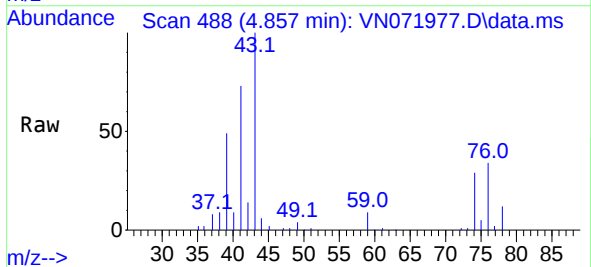
Manual Integrations
APPROVED

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



#18
Methyl Acetate
Concen: 19.781 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

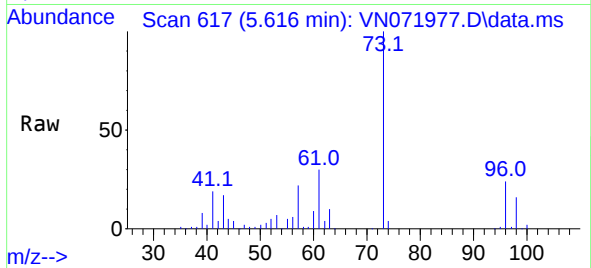
Tgt Ion: 43 Resp: 134422
Ion Ratio Lower Upper
43 100
74 28.4 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 20.212 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

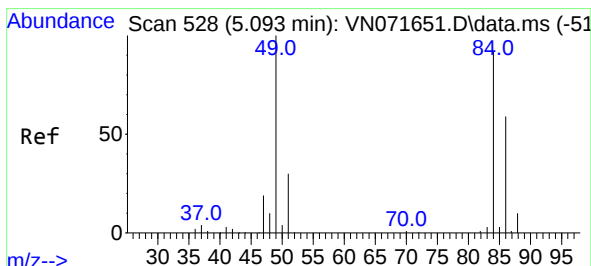
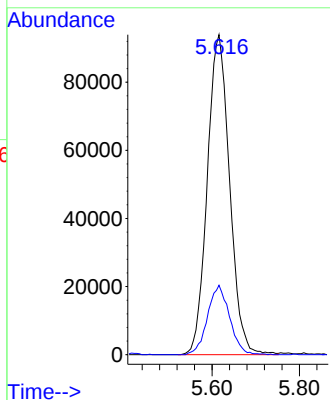
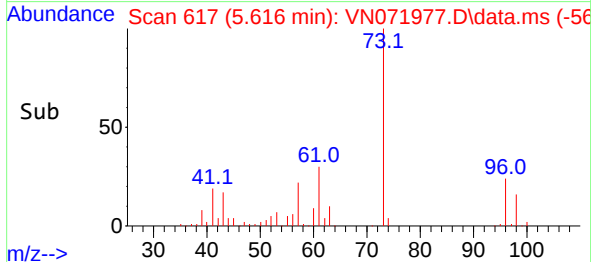
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01



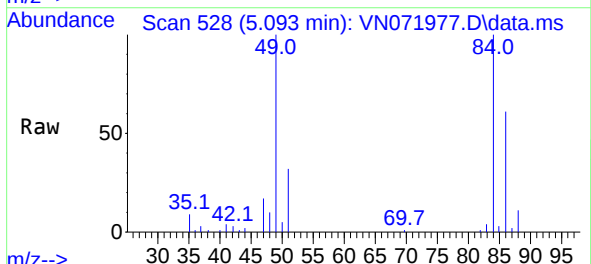
Tgt Ion: 73 Resp: 33318
Ion Ratio Lower Upper
73 100
57 21.7 17.6 26.4

Manual Integrations
APPROVED

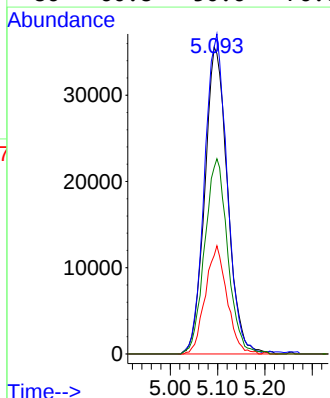
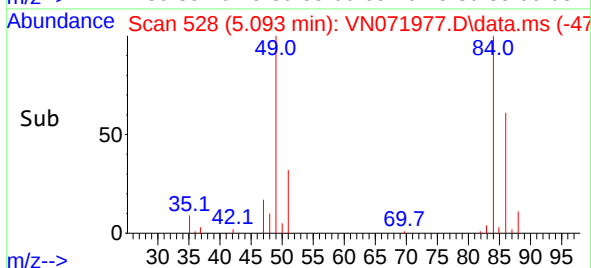
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#20
Methylene Chloride
Concen: 21.509 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40



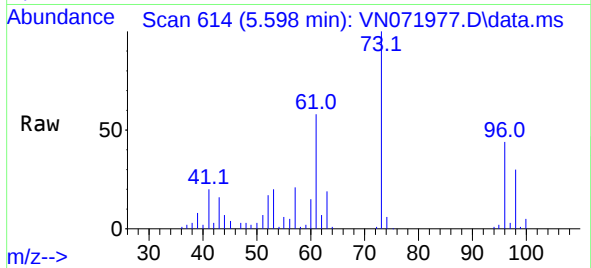
Tgt Ion: 84 Resp: 118906
Ion Ratio Lower Upper
84 100
49 100.0 88.3 132.5
51 32.1 28.2 42.2
86 60.8 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 21.139 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.001 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

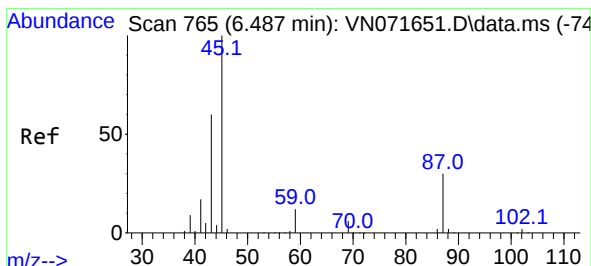
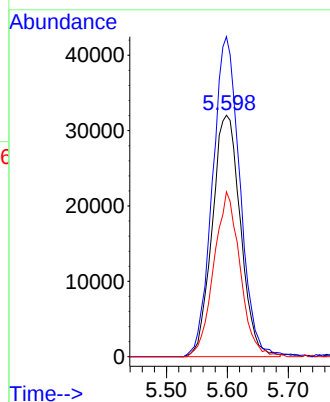
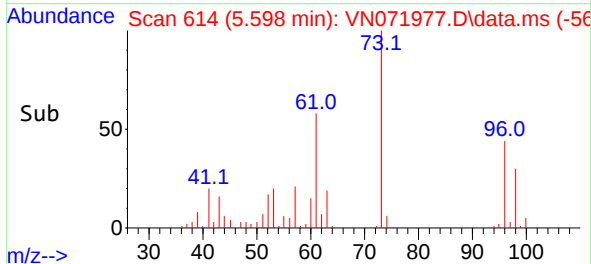
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01



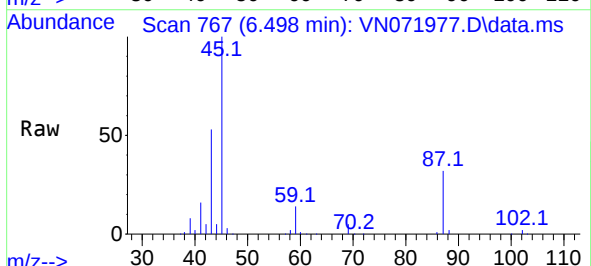
Tgt Ion: 96 Resp: 102973
Ion Ratio Lower Upper
96 100
61 132.5 105.8 158.8
98 68.3 50.3 75.5

Manual Integrations
APPROVED

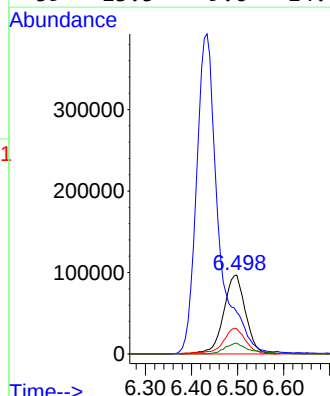
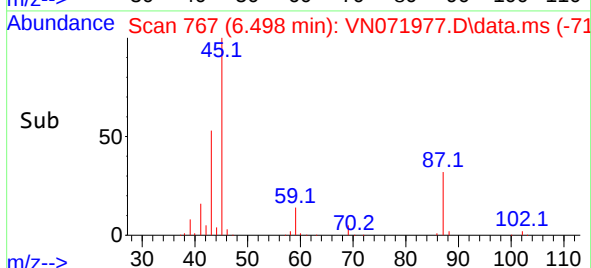
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

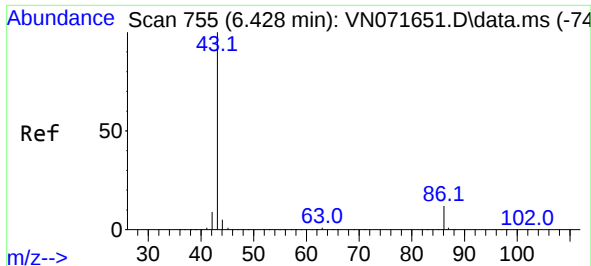


#22
Diisopropyl ether
Concen: 20.330 ug/l
RT: 6.498 min Scan# 767
Delta R.T. 0.011 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40



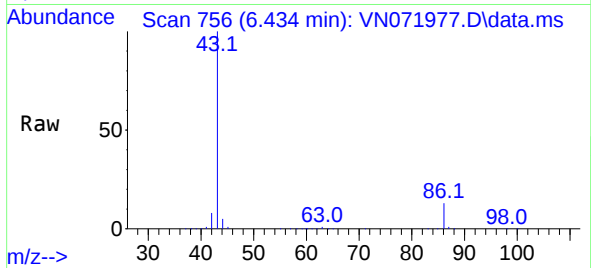
Tgt Ion: 45 Resp: 318756
Ion Ratio Lower Upper
45 100
43 50.7 46.6 70.0
87 31.5 24.3 36.5
59 13.5 9.6 14.4





#23
 Vinyl Acetate
 Concen: 104.361 ug/l
 RT: 6.434 min Scan# 756
 Delta R.T. 0.006 min
 Lab File: VN071977.D
 Acq: 13 Apr 2022 15:40

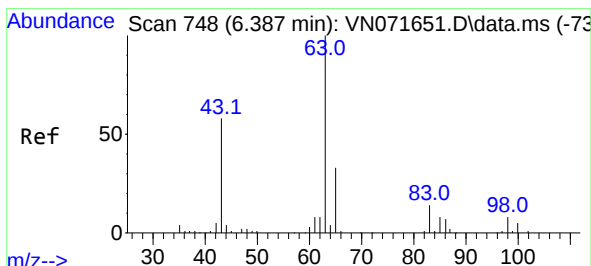
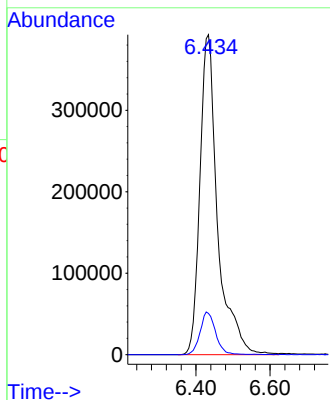
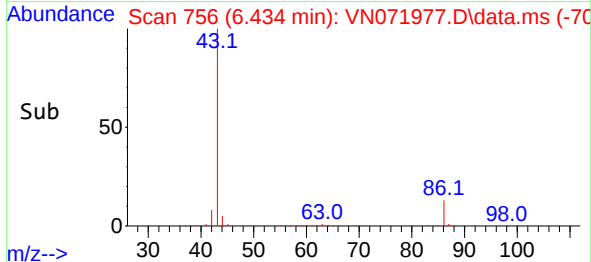
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBSD01



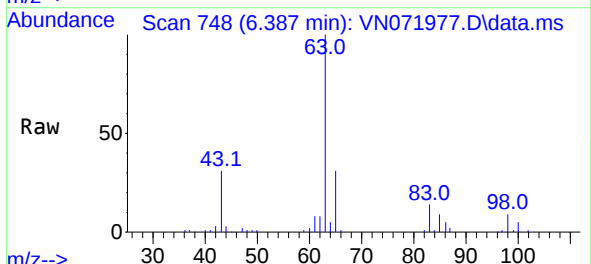
Tgt Ion: 43 Resp: 130120
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.0 15.0

Manual Integrations
 APPROVED

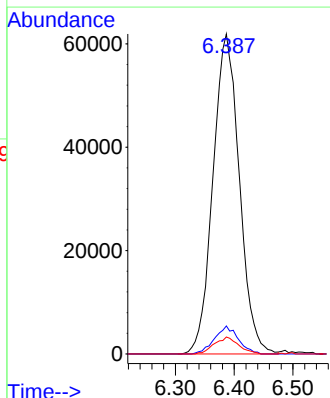
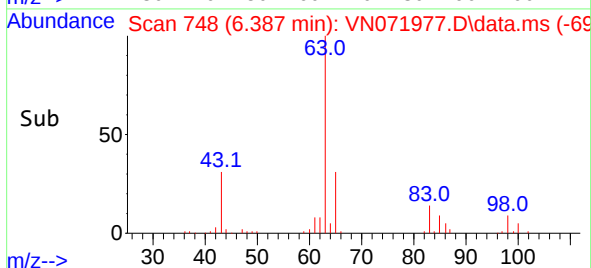
Reviewed By :John Carlone 04/14/2022
 Supervised By :Mahesh Dadoda 04/14/2022

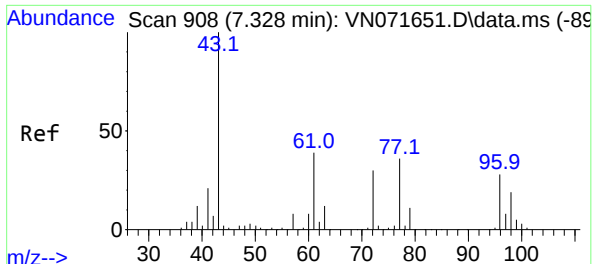


#24
 1,1-Dichloroethane
 Concen: 20.932 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN071977.D
 Acq: 13 Apr 2022 15:40



Tgt Ion: 63 Resp: 192667
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.5 10.4
 100 5.3 2.3 6.8





#25

2-Butanone

Concen: 99.826 ug/l

RT: 7.334 min Scan# 909

Delta R.T. 0.006 min

Lab File: VN071977.D

Acq: 13 Apr 2022 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBSD01

Tgt Ion: 43 Resp: 377454

Ion Ratio Lower Upper

43 100

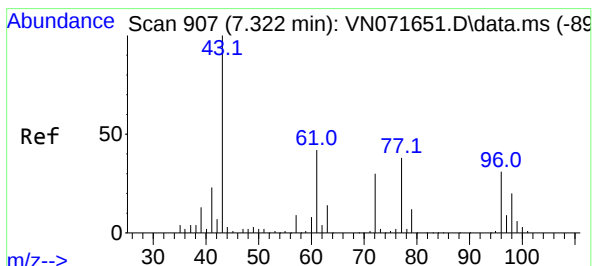
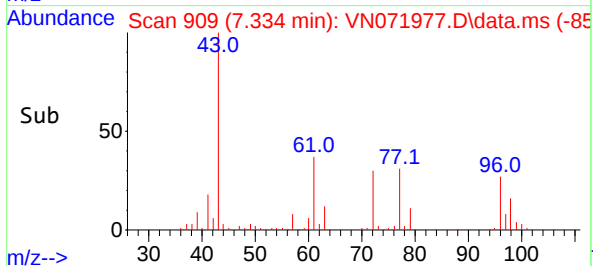
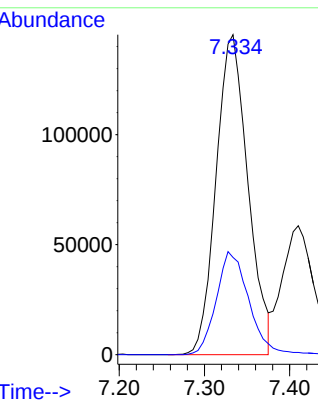
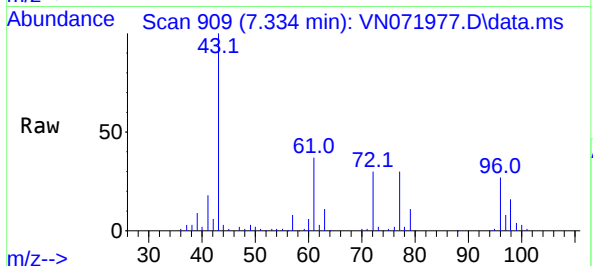
72 30.4 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022



#26

2,2-Dichloropropane

Concen: 19.425 ug/l

RT: 7.328 min Scan# 908

Delta R.T. 0.006 min

Lab File: VN071977.D

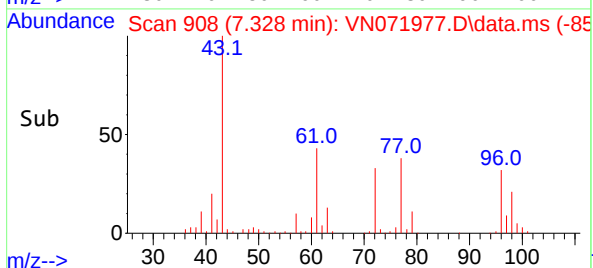
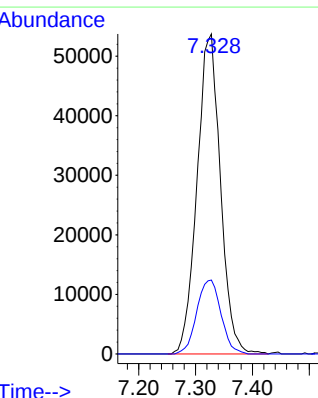
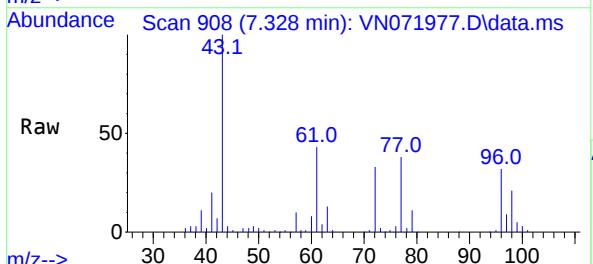
Acq: 13 Apr 2022 15:40

Tgt Ion: 77 Resp: 153597

Ion Ratio Lower Upper

77 100

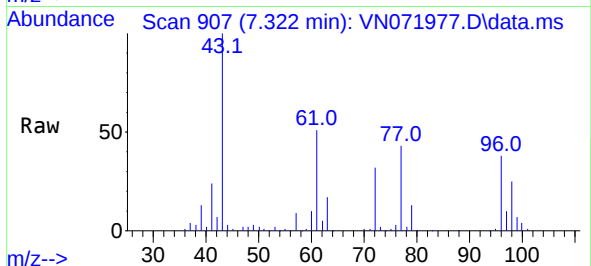
97 23.9 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 20.970 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN071977.D
 Acq: 13 Apr 2022 15:40

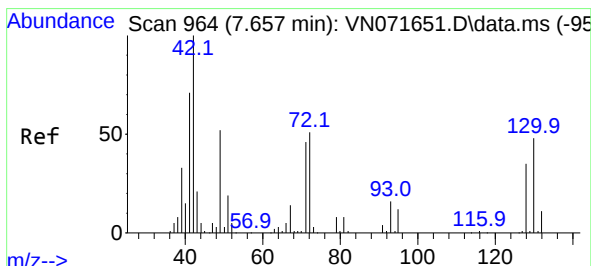
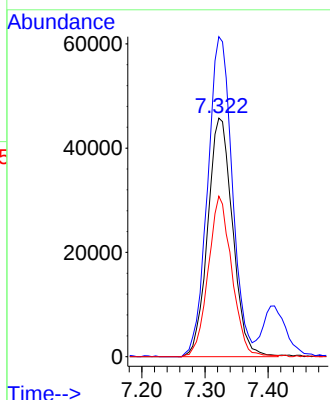
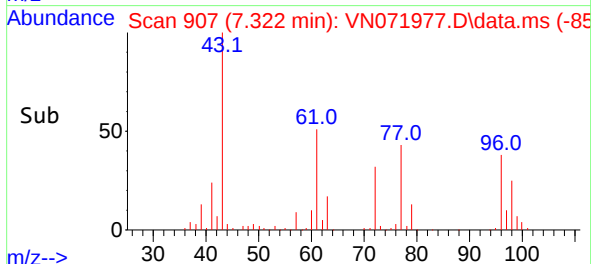
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBSD01



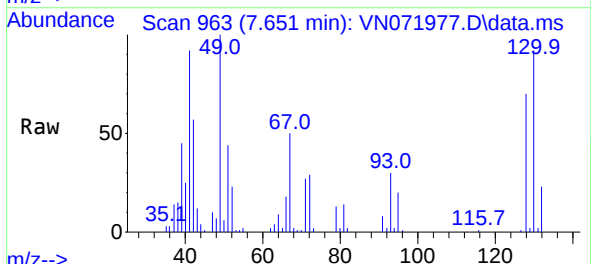
Tgt Ion: 96 Resp: 125264
 Ion Ratio Lower Upper
 96 100
 61 132.6 0.0 280.6
 98 63.9 0.0 128.4

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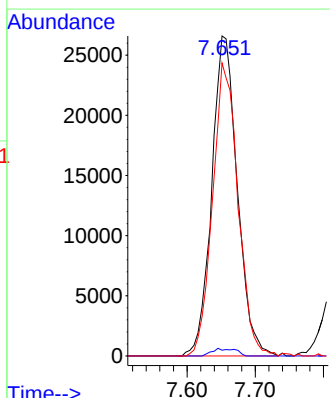
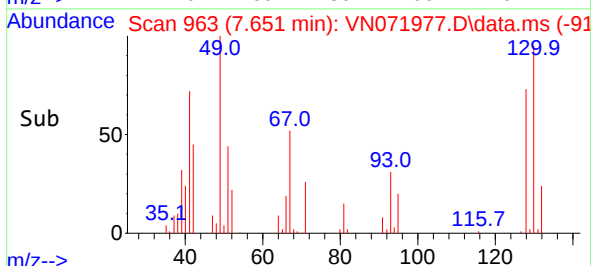
Reviewed By :John Carlone 04/14/2022
 Supervised By :Mahesh Dadoda 04/14/2022

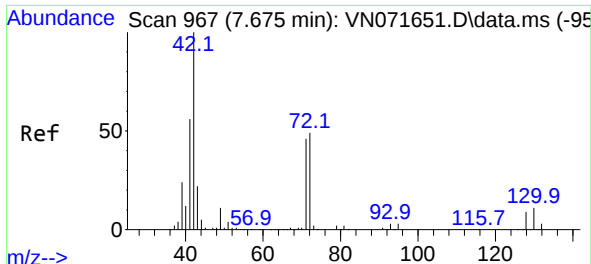


#28
 Bromochloromethane
 Concen: 18.690 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. -0.006 min
 Lab File: VN071977.D
 Acq: 13 Apr 2022 15:40



Tgt Ion: 49 Resp: 69397
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 90.8 69.7 104.5





#29

Tetrahydrofuran

Concen: 104.034 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN071977.D

Acq: 13 Apr 2022 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBSD01

Tgt Ion: 42 Resp: 254709

Ion Ratio Lower Upper

42 100

72 52.7 39.7 59.5

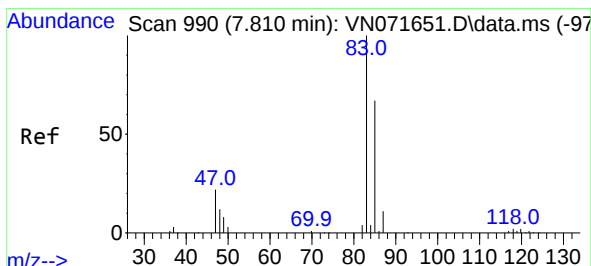
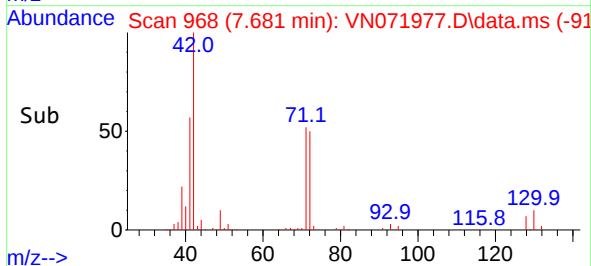
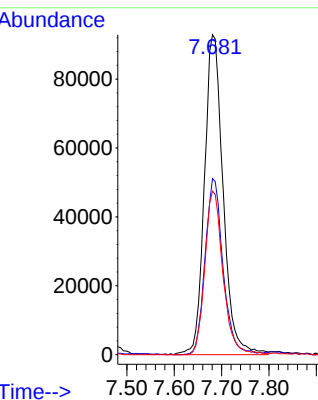
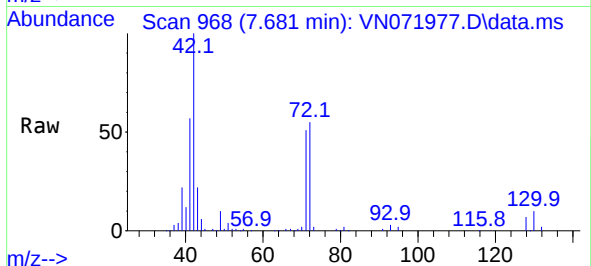
71 49.5 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022



#30

Chloroform

Concen: 20.412 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN071977.D

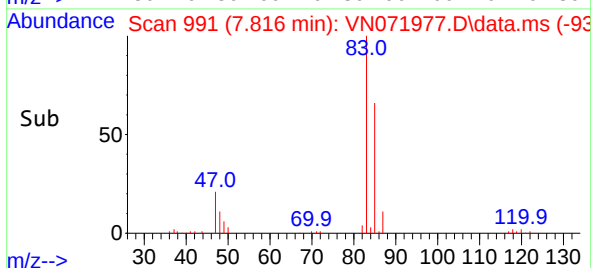
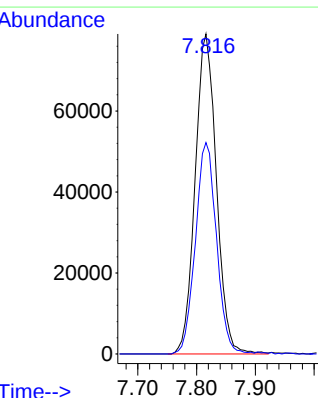
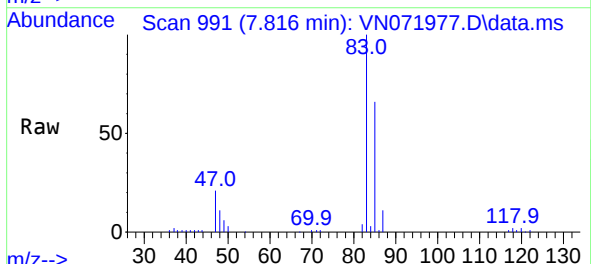
Acq: 13 Apr 2022 15:40

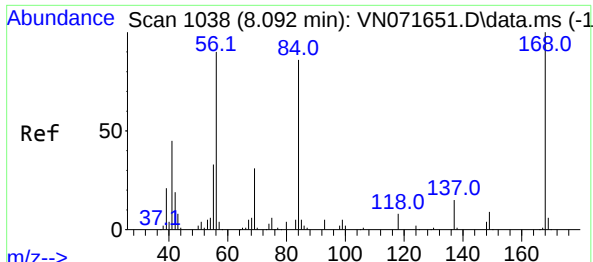
Tgt Ion: 83 Resp: 198382

Ion Ratio Lower Upper

83 100

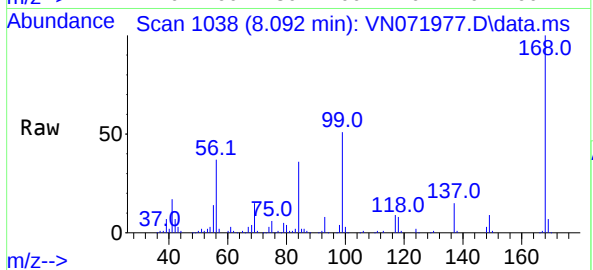
85 66.1 51.8 77.8





#31
Cyclohexane
Concen: 21.652 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

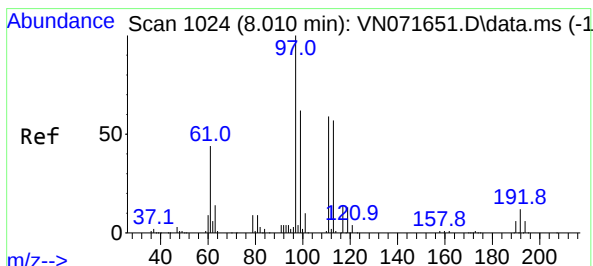
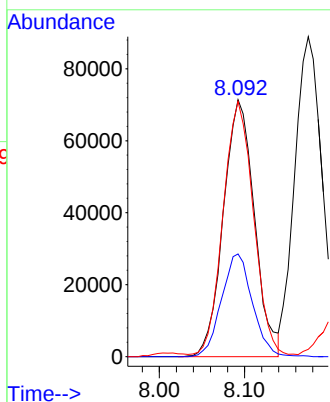
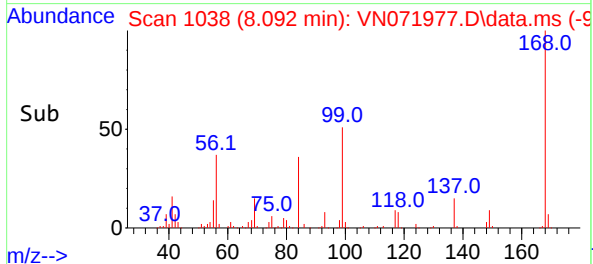
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01



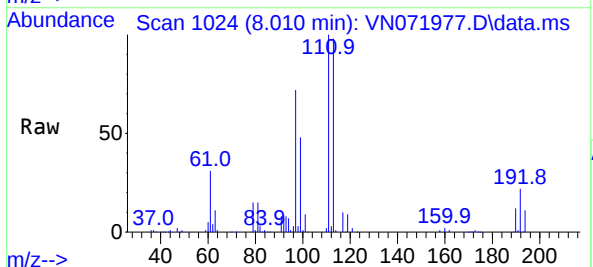
Tgt Ion: 56 Resp: 18071
Ion Ratio Lower Upper
56 100
69 40.0 27.8 41.8
84 98.2 76.9 115.3

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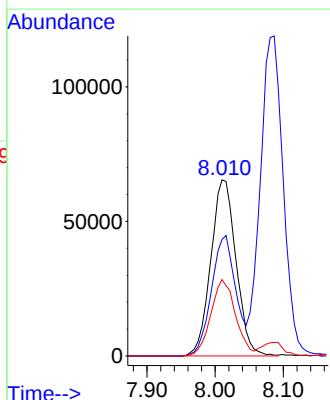
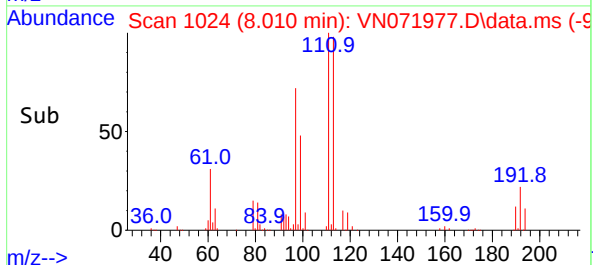
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

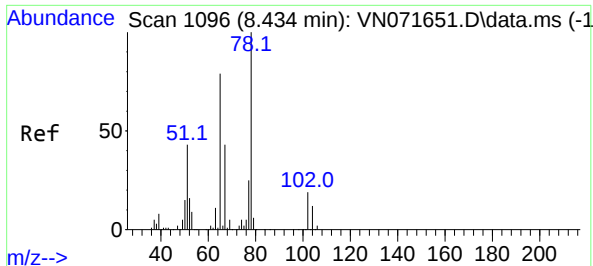


#32
1,1,1-Trichloroethane
Concen: 20.286 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40



Tgt Ion: 97 Resp: 168666
Ion Ratio Lower Upper
97 100
99 66.3 50.6 76.0
61 42.4 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 45.953 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN071977.D

Acq: 13 Apr 2022 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBSD01

Tgt Ion: 65 Resp: 28202

Ion Ratio Lower Upper

65 100

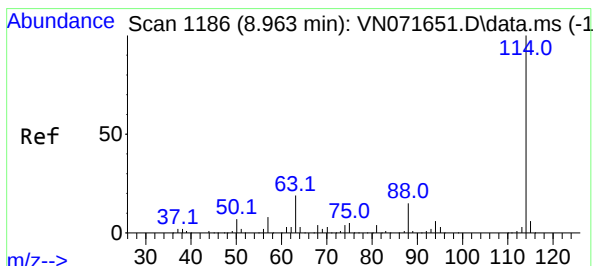
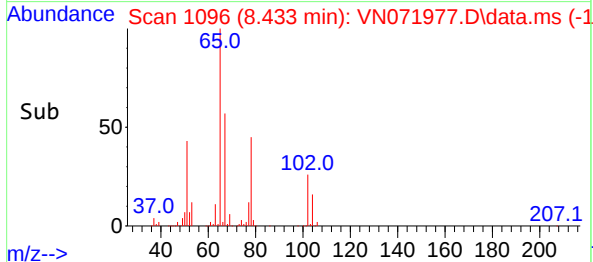
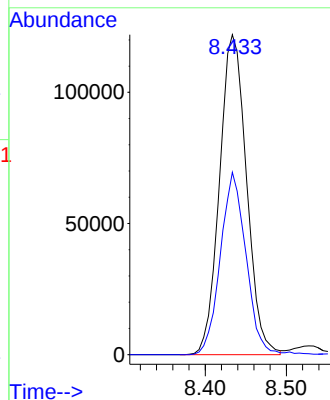
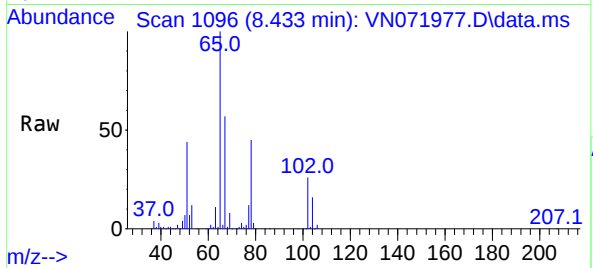
67 54.2 0.0 104.8

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: VN071977.D

Acq: 13 Apr 2022 15:40

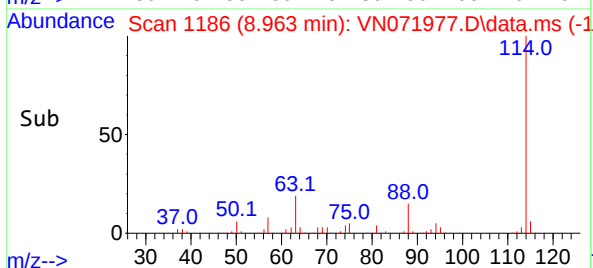
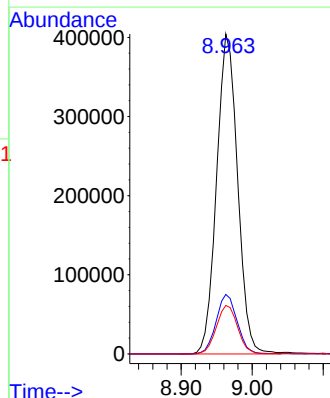
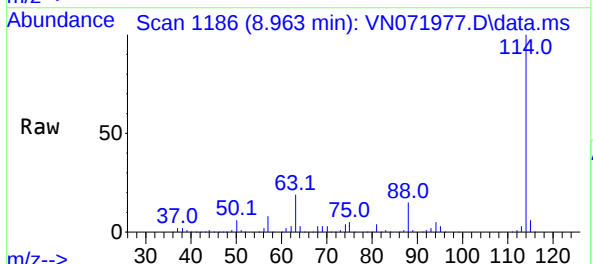
Tgt Ion:114 Resp: 827593

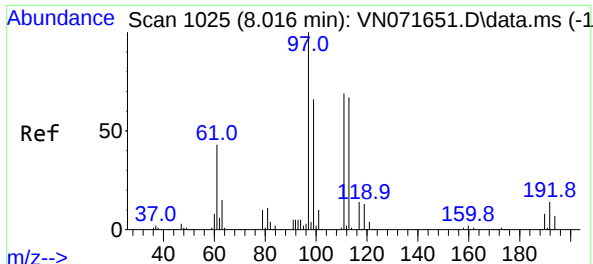
Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

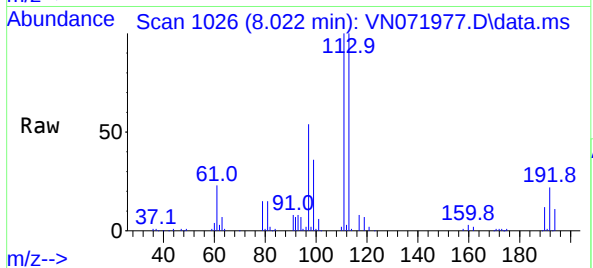
88 15.2 0.0 32.6





#35
Dibromofluoromethane
Concen: 51.955 ug/l
RT: 8.022 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

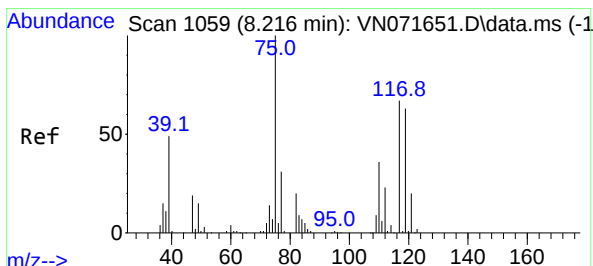
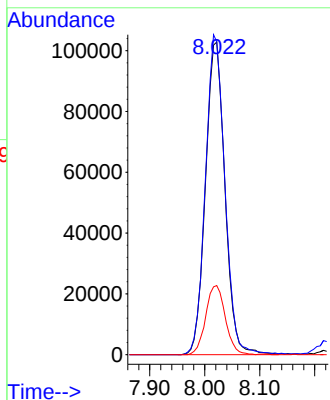
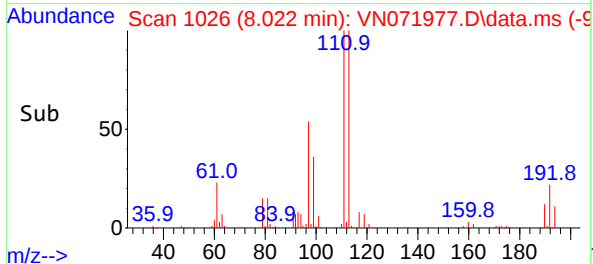
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01



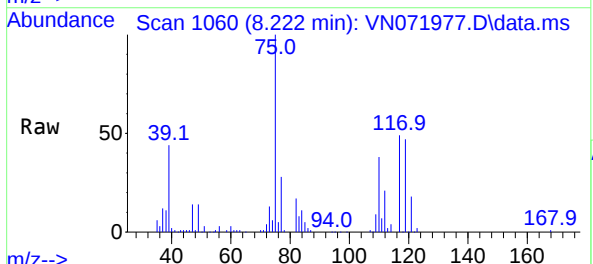
Tgt Ion: 113 Resp: 253010
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 22.3 17.0 25.6

Manual Integrations
APPROVED

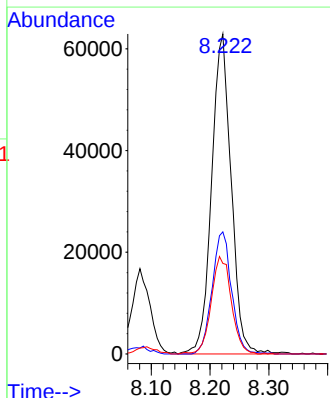
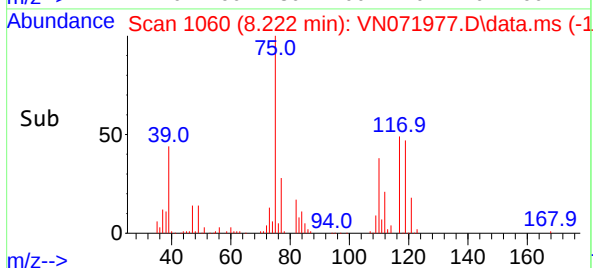
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

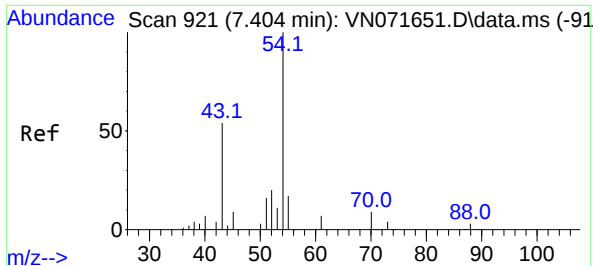


#36
1,1-Dichloropropene
Concen: 21.405 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40



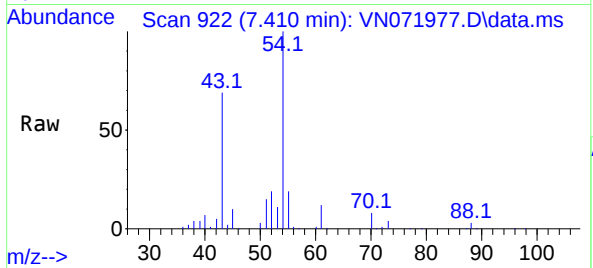
Tgt Ion: 75 Resp: 145568
Ion Ratio Lower Upper
75 100
110 37.9 18.3 54.8
77 31.3 25.1 37.7





#37
Ethyl Acetate
Concen: 21.299 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

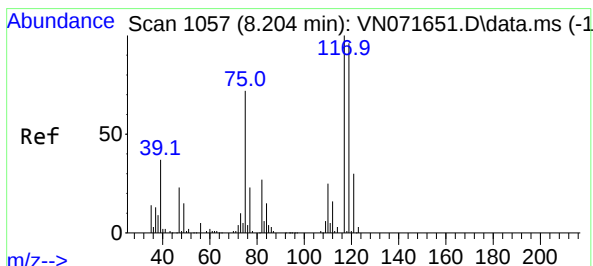
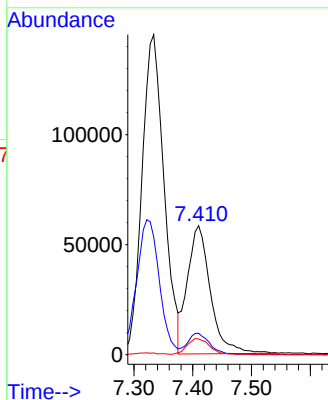
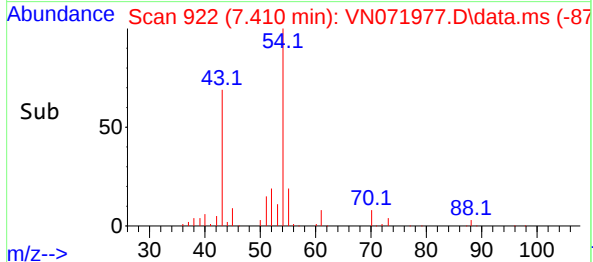
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01



Tgt Ion: 43 Resp: 158539
Ion Ratio Lower Upper
43 100
61 15.6 11.8 17.6
70 11.8 9.3 13.9

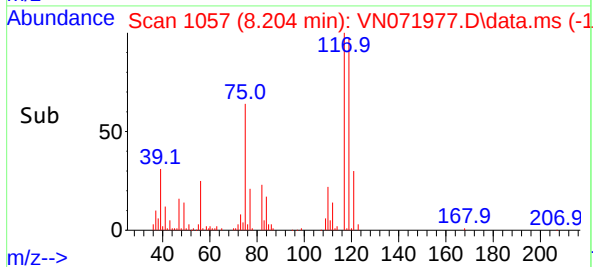
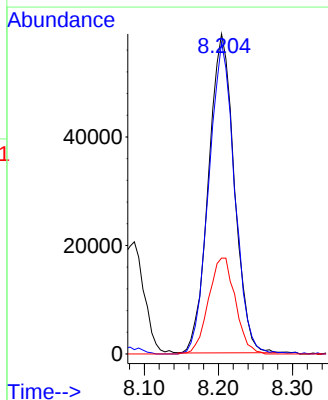
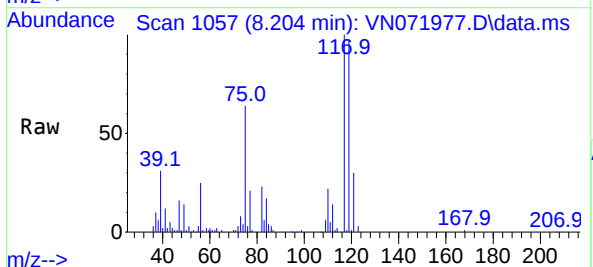
Manual Integrations
APPROVED

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



#38
Carbon Tetrachloride
Concen: 21.301 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

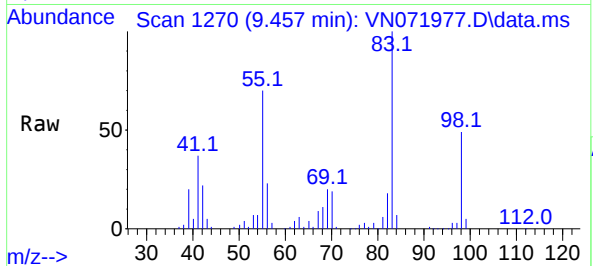
Tgt Ion:117 Resp: 141972
Ion Ratio Lower Upper
117 100
119 97.9 75.8 113.8
121 30.1 24.6 37.0





#39
Methylcyclohexane
Concen: 21.993 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

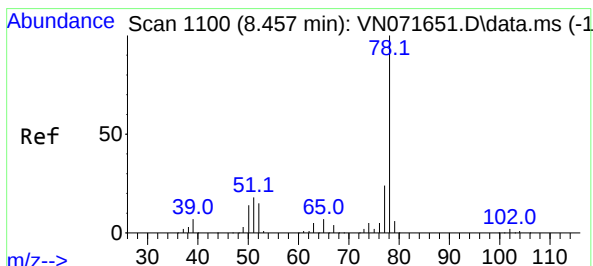
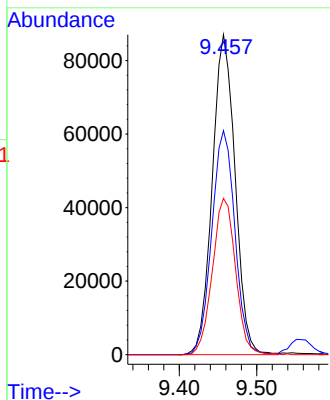
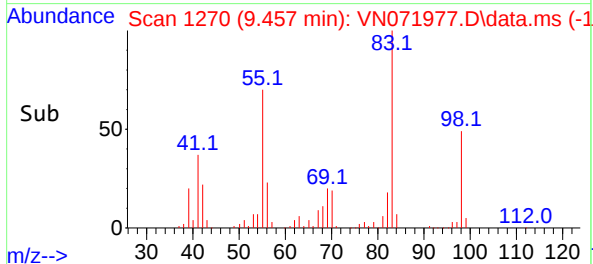
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01



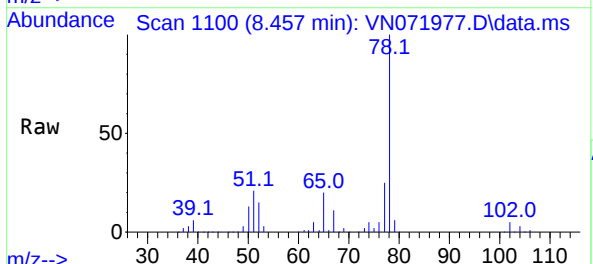
Tgt Ion: 83 Resp: 178040
Ion Ratio Lower Upper
83 100
55 70.0 57.8 86.8
98 48.9 39.4 59.2

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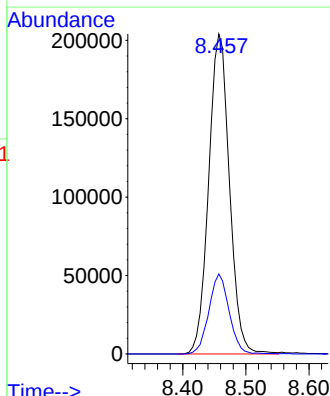
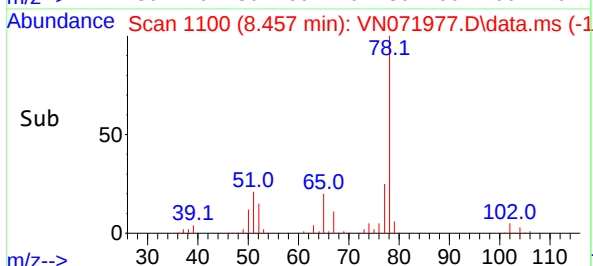
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#40
Benzene
Concen: 21.697 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40



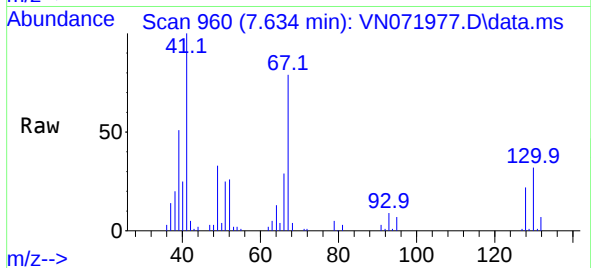
Tgt Ion: 78 Resp: 466123
Ion Ratio Lower Upper
78 100
77 25.0 19.4 29.0





#41
Methacrylonitrile
Concen: 20.928 ug/l
RT: 7.634 min Scan# 910
Delta R.T. 0.006 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

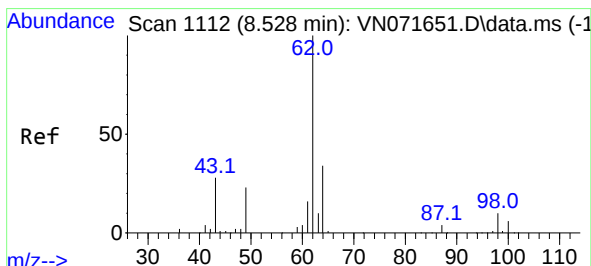
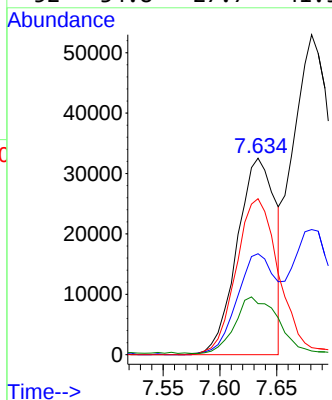
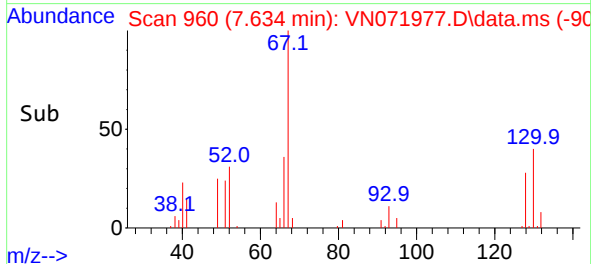
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01



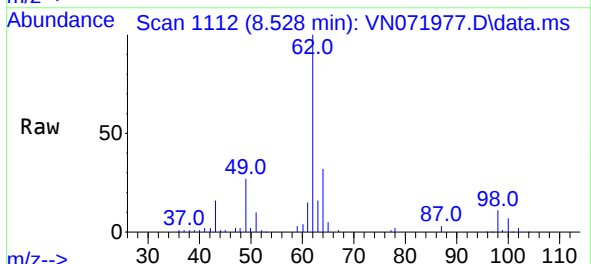
Tgt Ion: 41 Resp: 7627
Ion Ratio Lower Upper
41 100
39 51.2 48.6 73.0
67 90.5 73.4 110.2
52 34.8 27.7 41.5

Manual Integrations
APPROVED

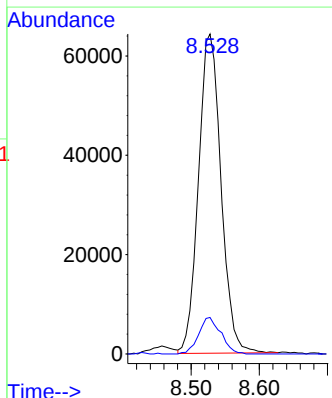
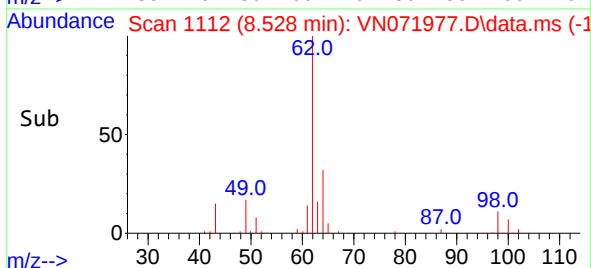
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#42
1,2-Dichloroethane
Concen: 19.872 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40



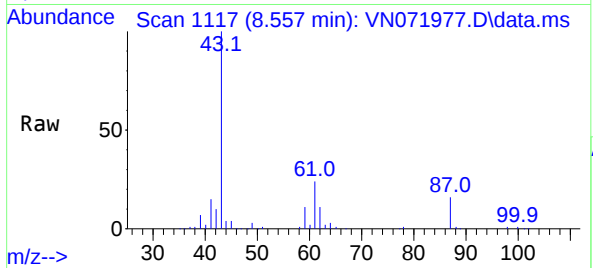
Tgt Ion: 62 Resp: 147680
Ion Ratio Lower Upper
62 100
98 11.3 0.0 19.4





#43
Isopropyl Acetate
Concen: 18.628 ug/l
RT: 8.557 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

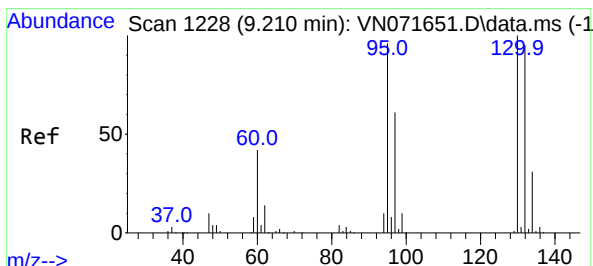
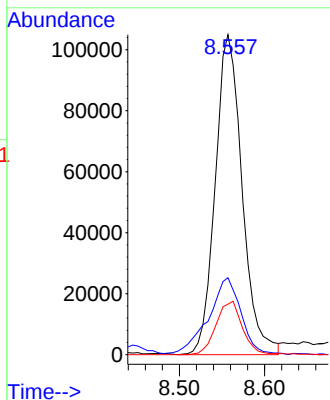
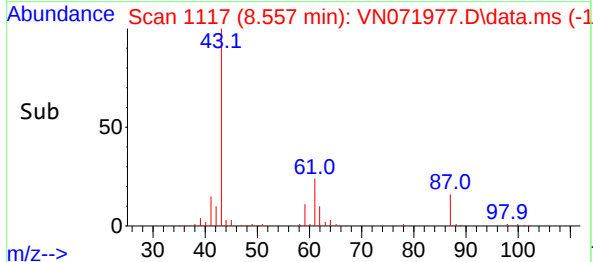
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01



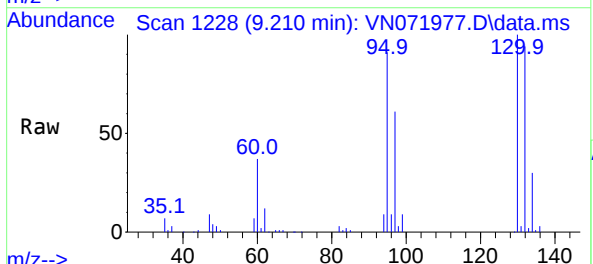
Tgt Ion: 43 Resp: 230620
Ion Ratio Lower Upper
43 100
61 29.3 21.9 32.9
87 16.6 12.0 18.0

Manual Integrations
APPROVED

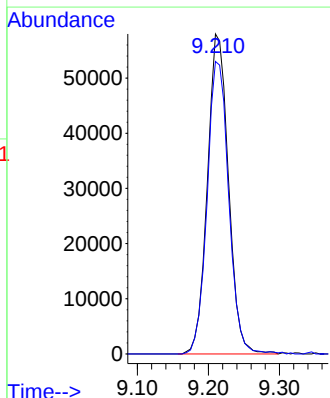
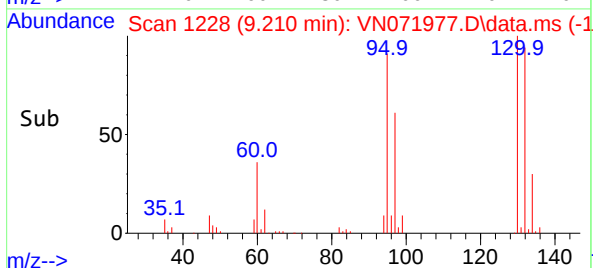
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

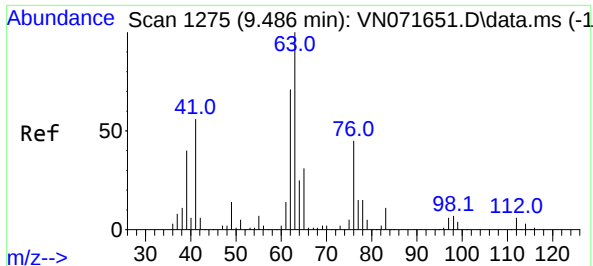


#44
Trichloroethene
Concen: 21.576 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40



Tgt Ion:130 Resp: 119417
Ion Ratio Lower Upper
130 100
95 91.4 0.0 186.8





#45

1,2-Dichloropropane

Concen: 21.552 ug/l

RT: 9.486 min Scan# 11566

Delta R.T. 0.000 min

Lab File: VN071977.D

Acq: 13 Apr 2022 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBSD01

Tgt Ion: 63 Resp: 11566

Ion Ratio Lower Upper

63 100

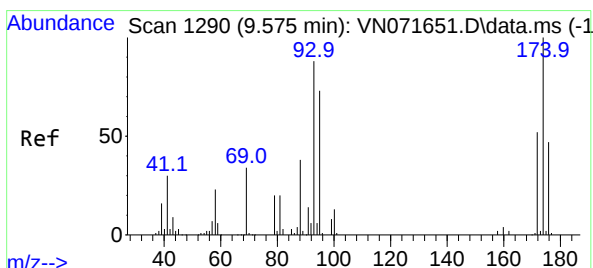
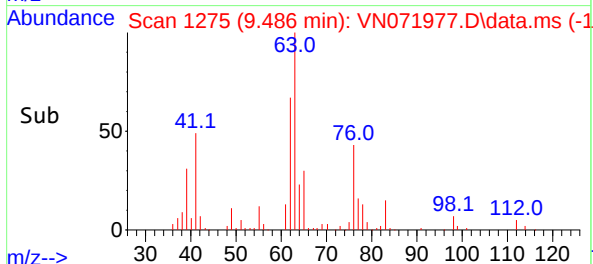
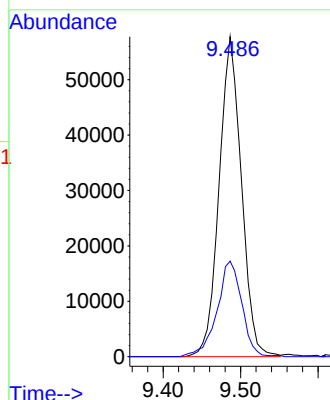
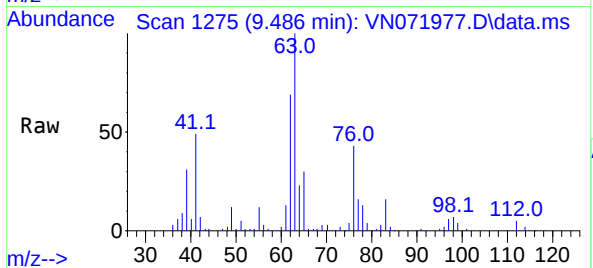
65 29.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022



#46

Dibromomethane

Concen: 21.337 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071977.D

Acq: 13 Apr 2022 15:40

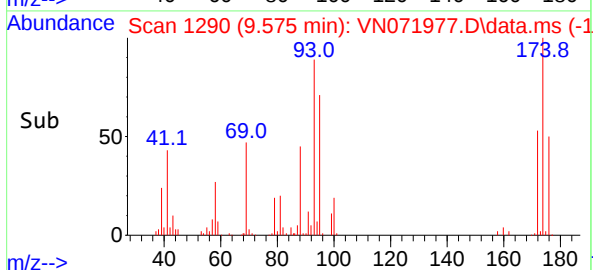
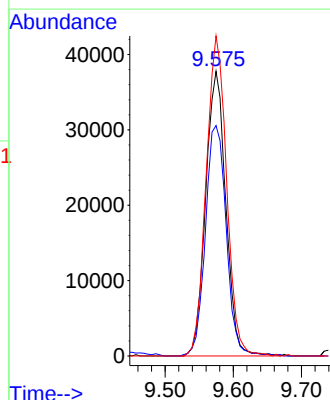
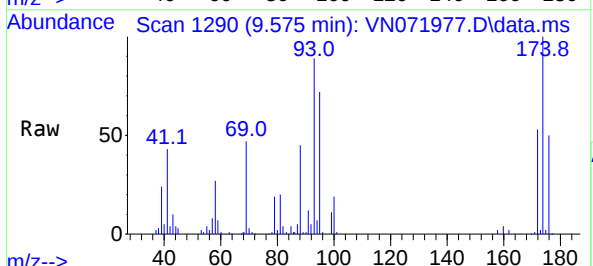
Tgt Ion: 93 Resp: 77748

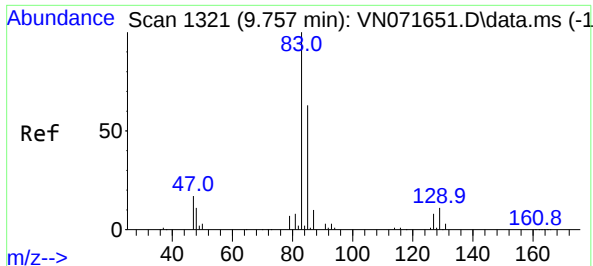
Ion Ratio Lower Upper

93 100

95 83.9 66.9 100.3

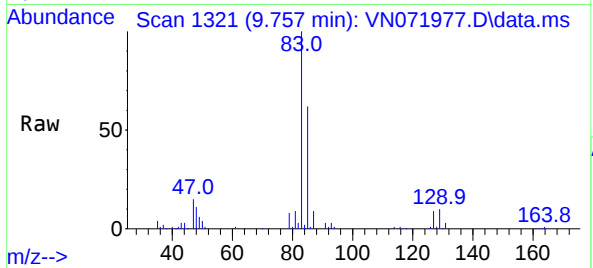
174 114.0 86.6 130.0





#47
Bromodichloromethane
Concen: 21.206 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

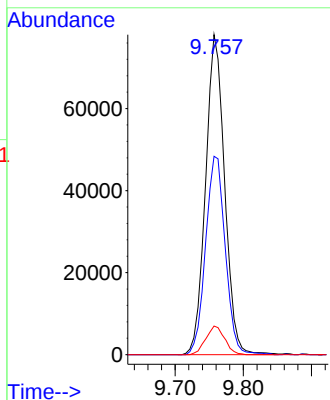
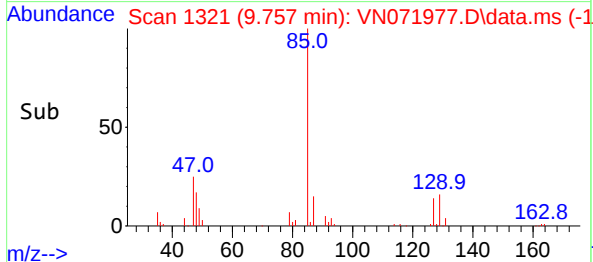
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01



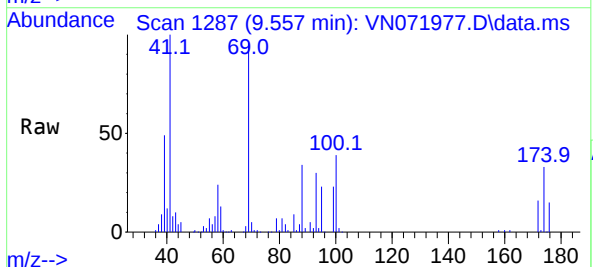
Tgt Ion: 83 Resp: 152108
Ion Ratio Lower Upper
83 100
85 62.0 50.5 75.7
127 9.0 6.8 10.2

Manual Integrations
APPROVED

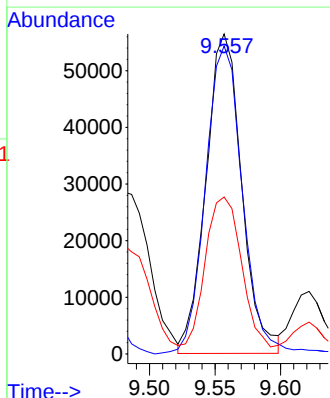
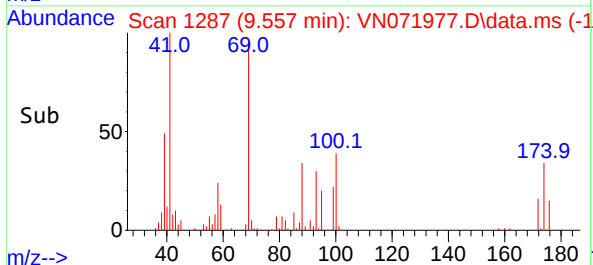
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

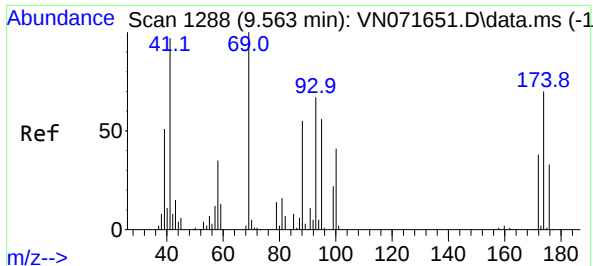


#48
Methyl methacrylate
Concen: 20.825 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40



Tgt Ion: 41 Resp: 106969
Ion Ratio Lower Upper
41 100
69 100.3 74.7 112.1
39 51.4 45.6 68.4





#49

1,4-Dioxane

Concen: 420.928 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. 0.006 min

Lab File: VN071977.D

Acq: 13 Apr 2022 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBSD01

Tgt Ion: 88 Resp: 52269

Ion Ratio Lower Upper

88 100

43 25.4 20.2 30.4

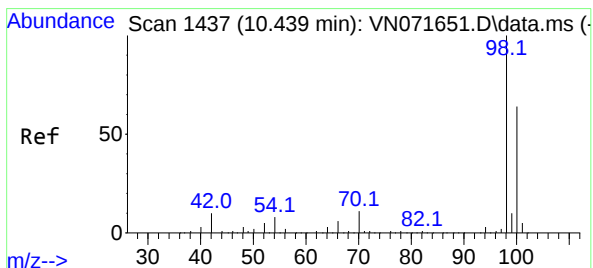
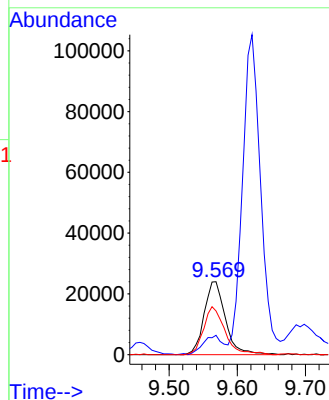
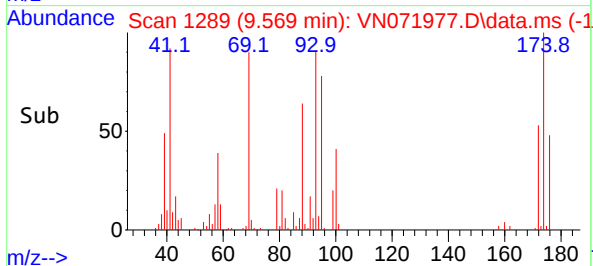
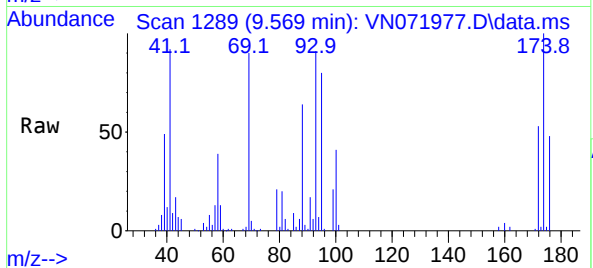
58 66.1 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022



#50

Toluene-d8

Concen: 50.511 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN071977.D

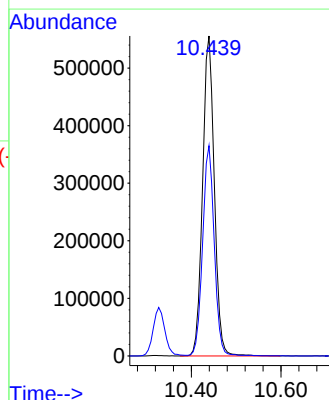
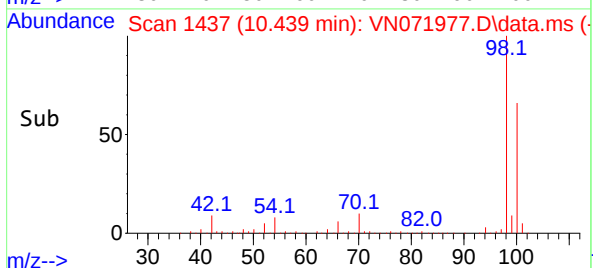
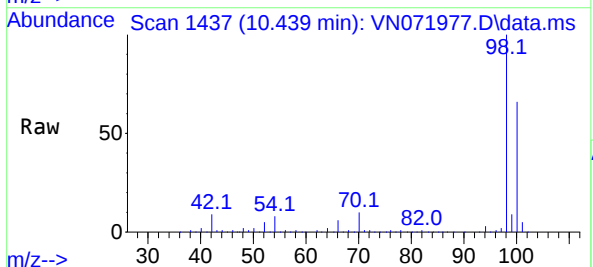
Acq: 13 Apr 2022 15:40

Tgt Ion: 98 Resp: 1006271

Ion Ratio Lower Upper

98 100

100 64.7 52.6 78.8





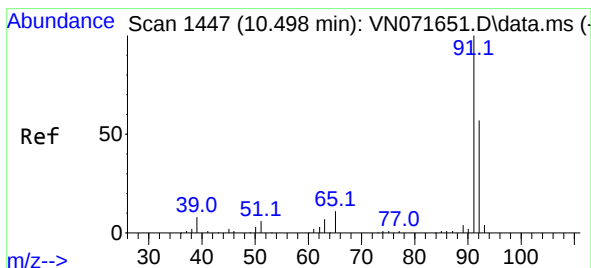
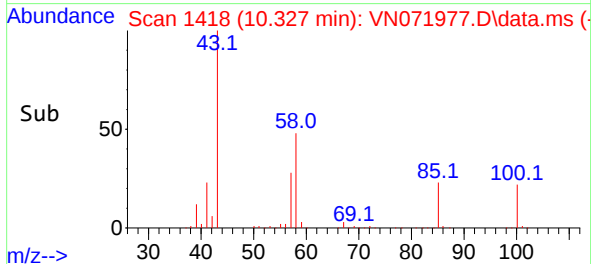
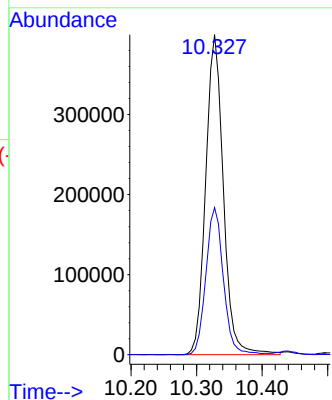
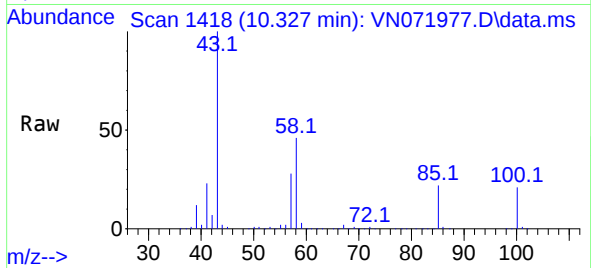
#51
4-Methyl-2-Pentanone
Concen: 105.275 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.005 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

Tgt Ion: 43 Resp: 749382
Ion Ratio Lower Upper
43 100
58 45.6 34.1 51.1

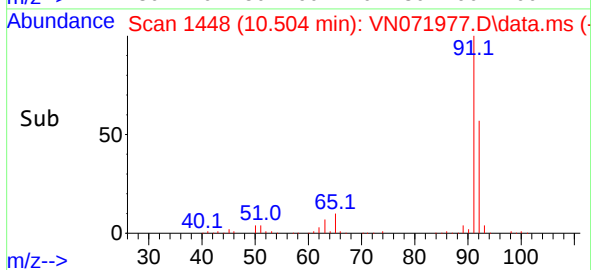
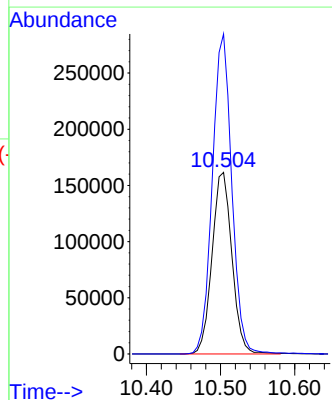
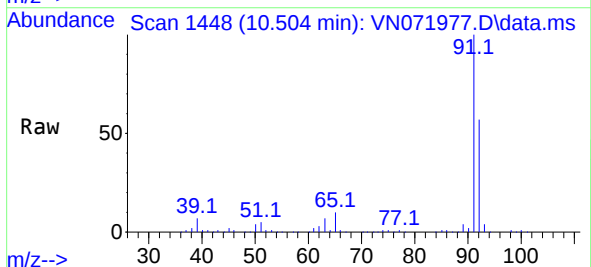
Manual Integrations
APPROVED

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



#52
Toluene
Concen: 22.141 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

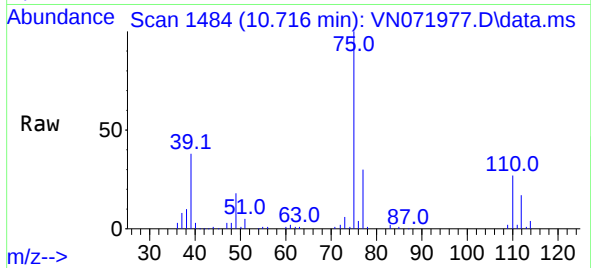
Tgt Ion: 92 Resp: 300667
Ion Ratio Lower Upper
92 100
91 173.1 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 20.586 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

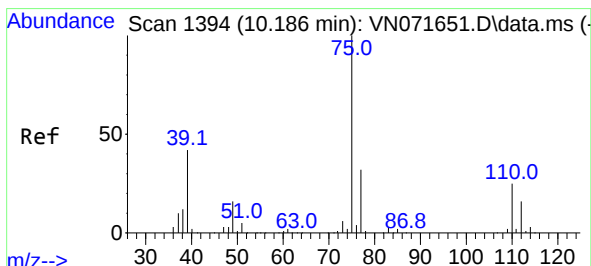
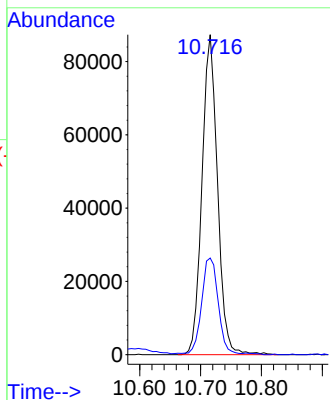
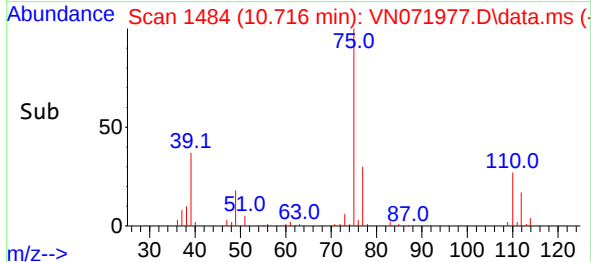
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01



Tgt Ion: 75 Resp: 154759
Ion Ratio Lower Upper
75 100
77 30.2 25.6 38.4

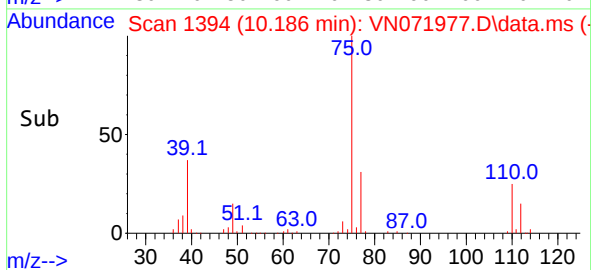
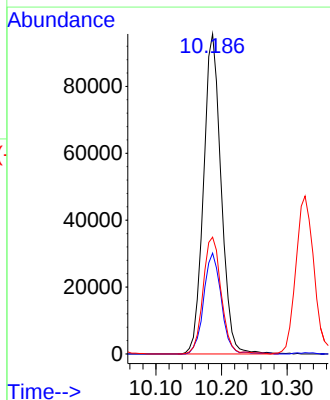
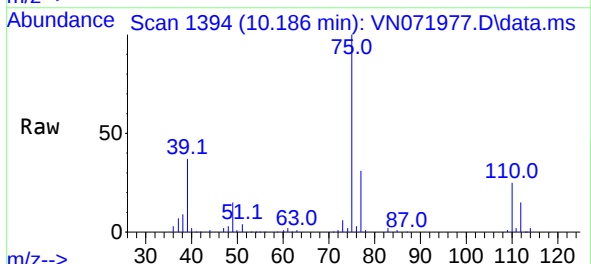
Manual Integrations
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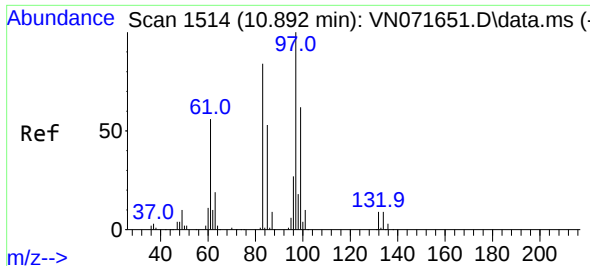
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#54
cis-1,3-Dichloropropene
Concen: 21.517 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

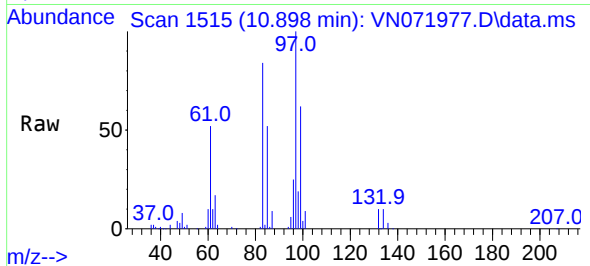
Tgt Ion: 75 Resp: 178731
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
39 36.5 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 21.222 ug/l
RT: 10.898 min Scan# 118609
Delta R.T. 0.006 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

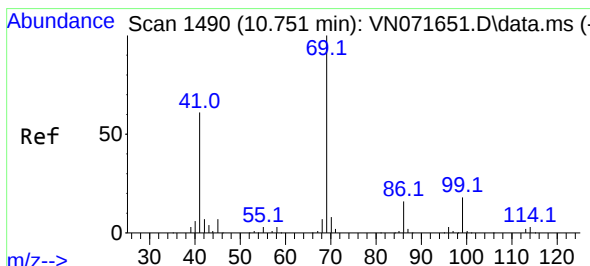
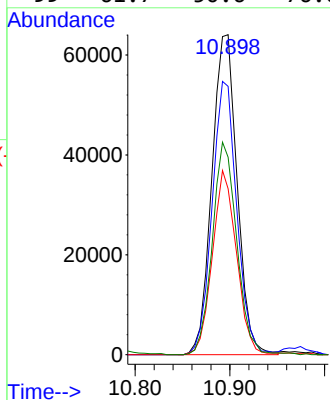
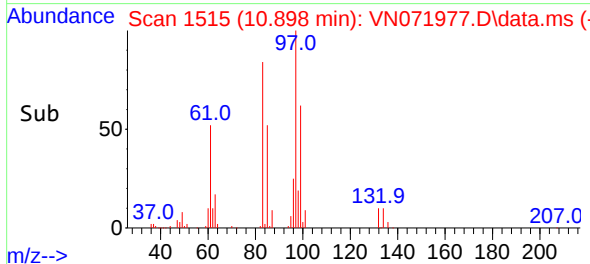
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01



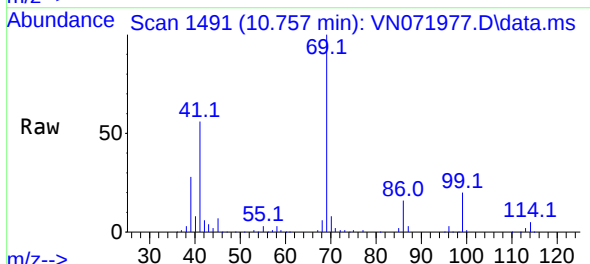
Tgt Ion: 97 Resp: 118609
Ion Ratio Lower Upper
97 100
83 83.8 66.2 99.4
85 51.8 43.9 65.9
99 61.7 50.6 76.0

Manual Integrations
APPROVED

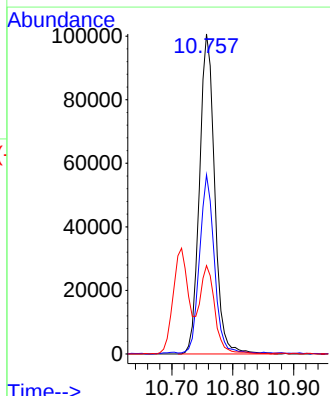
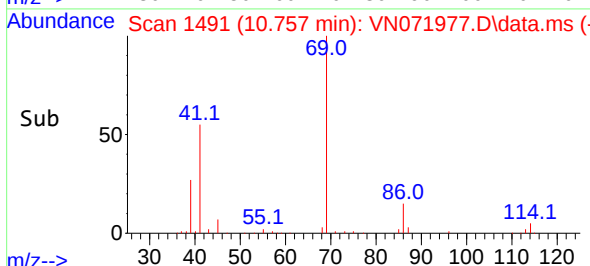
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

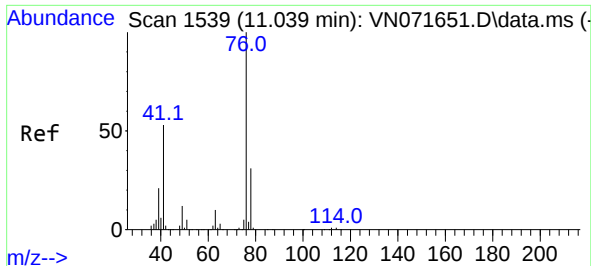


#56
Ethyl methacrylate
Concen: 21.852 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40



Tgt Ion: 69 Resp: 174228
Ion Ratio Lower Upper
69 100
41 53.7 47.8 71.6
39 26.4 27.3 40.9





#57

1,3-Dichloropropane

Concen: 21.350 ug/l

RT: 11.039 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN071977.D

Acq: 13 Apr 2022 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBSD01

Tgt Ion: 76 Resp: 19951

Ion Ratio Lower Upper

76 100

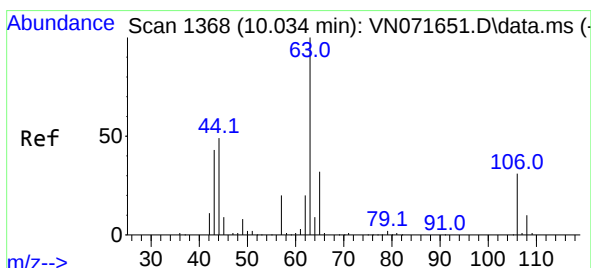
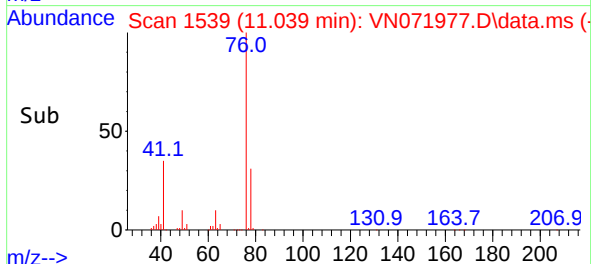
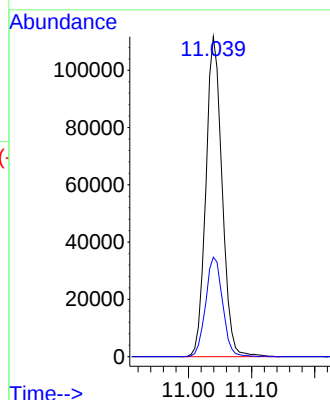
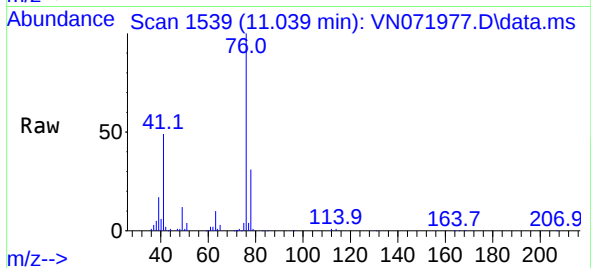
78 32.4 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 83.911 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.005 min

Lab File: VN071977.D

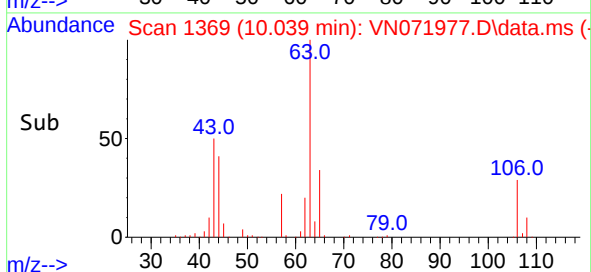
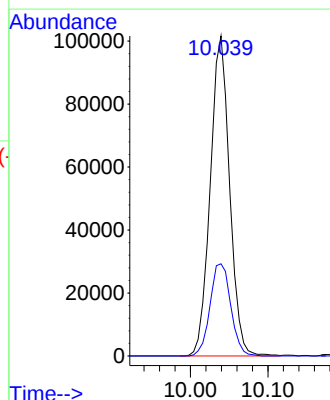
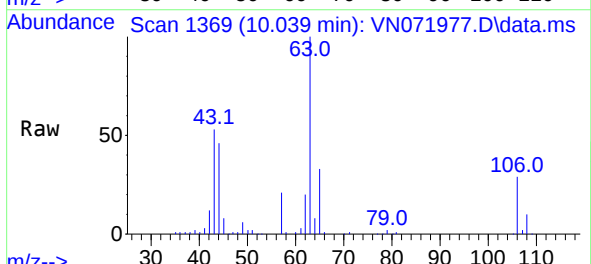
Acq: 13 Apr 2022 15:40

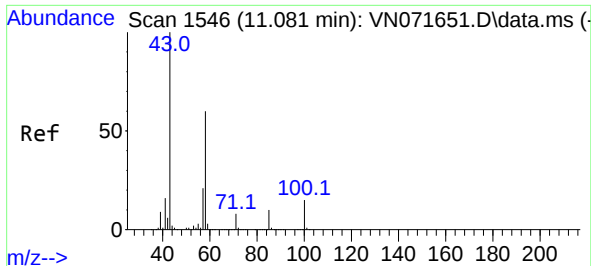
Tgt Ion: 63 Resp: 176287

Ion Ratio Lower Upper

63 100

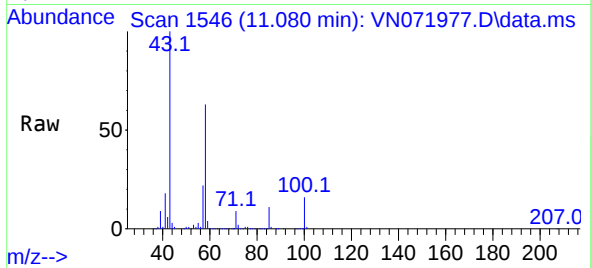
106 30.8 24.6 36.8





#59
2-Hexanone
Concen: 104.851 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

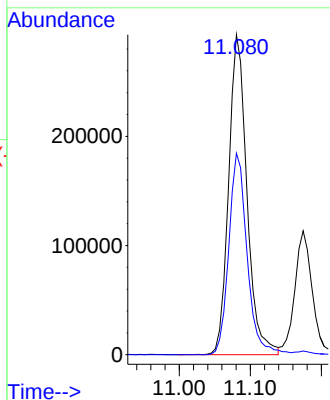
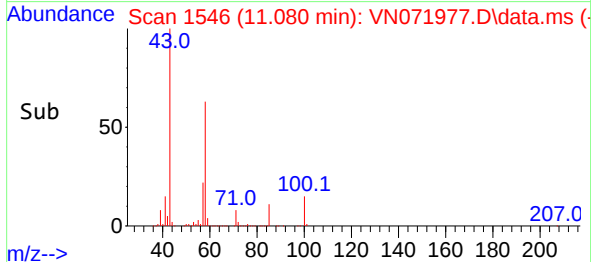
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01



Tgt Ion: 43 Resp: 525470
Ion Ratio Lower Upper
43 100
58 63.1 29.7 89.1

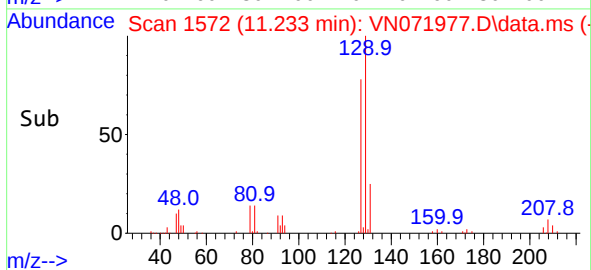
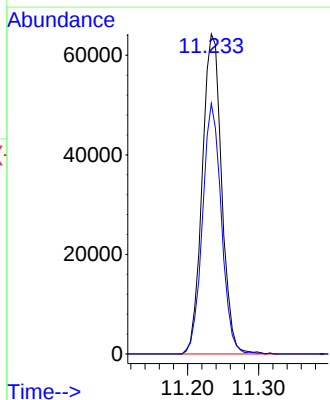
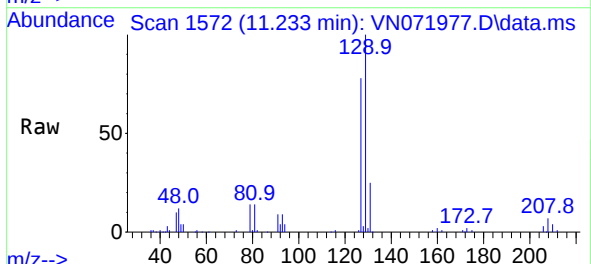
Manual Integrations
APPROVED

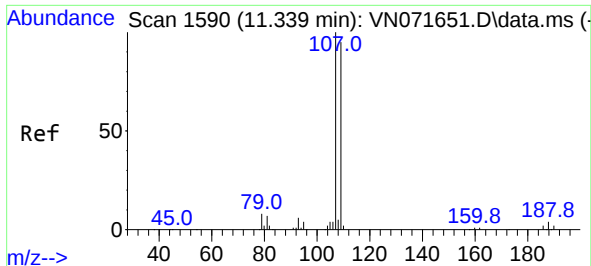
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#60
Dibromochloromethane
Concen: 22.424 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

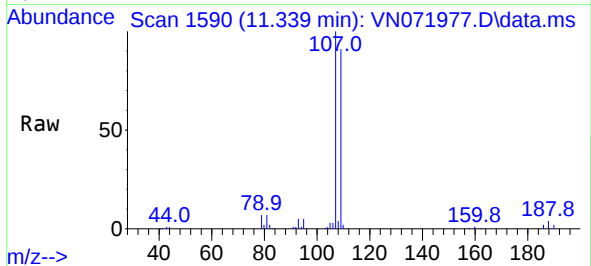
Tgt Ion:129 Resp: 122201
Ion Ratio Lower Upper
129 100
127 76.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 21.684 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

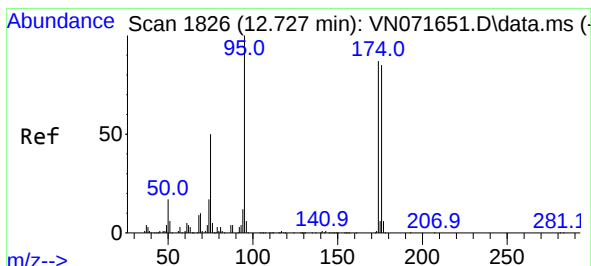
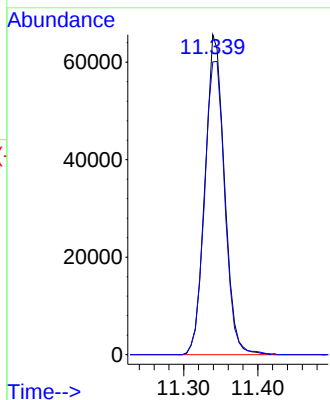
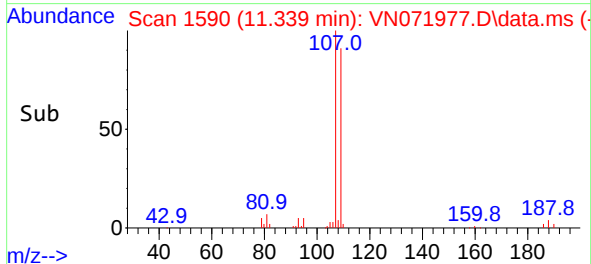
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01



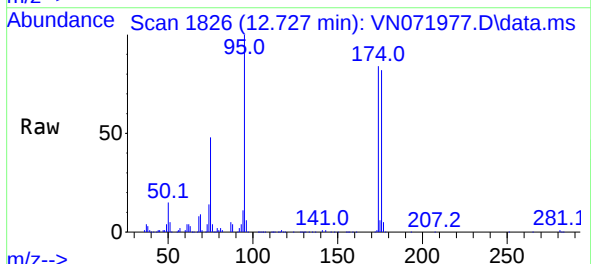
Tgt Ion:107 Resp: 119294
Ion Ratio Lower Upper
107 100
109 96.2 75.0 112.6

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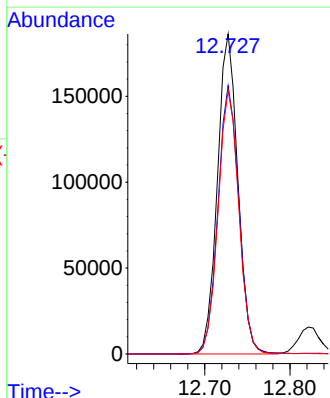
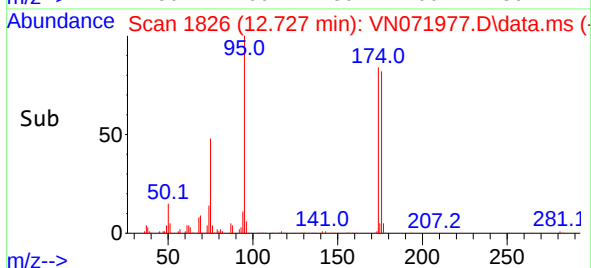
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

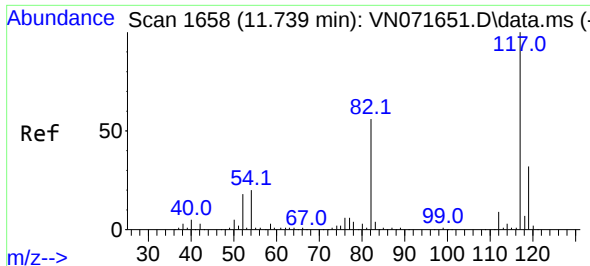


#62
4-Bromofluorobenzene
Concen: 48.320 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40



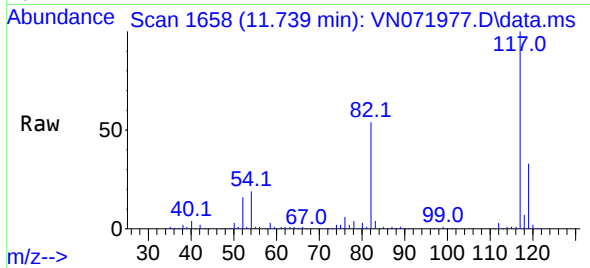
Tgt Ion: 95 Resp: 311324
Ion Ratio Lower Upper
95 100
174 85.8 0.0 167.6
176 83.4 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

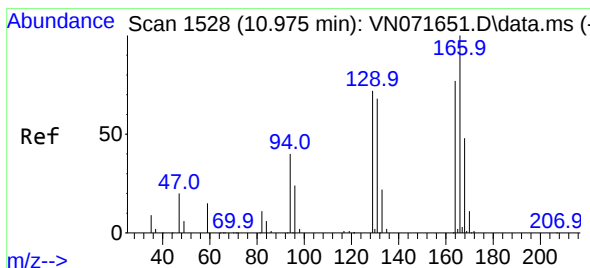
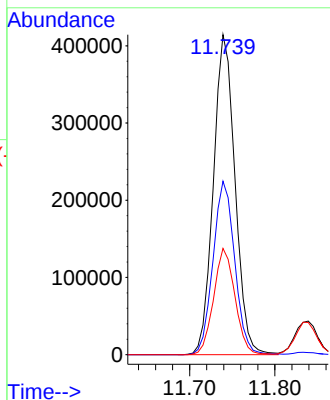
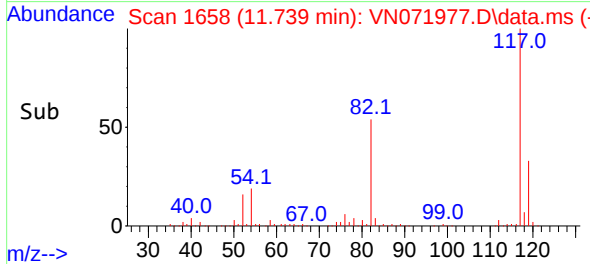
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01



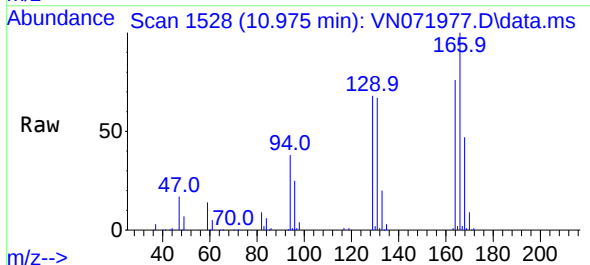
Tgt Ion:117 Resp: 731509
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.2
119 33.2 25.4 38.0

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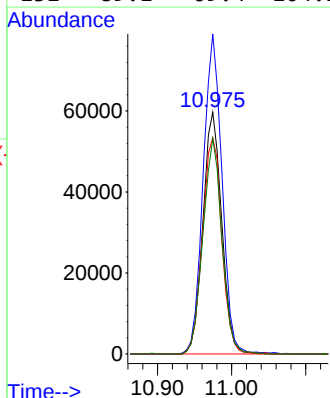
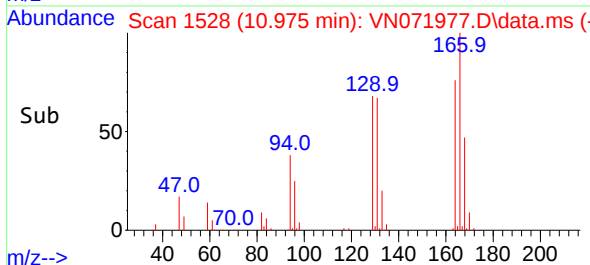
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

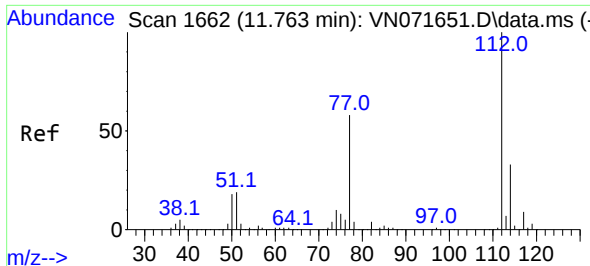


#64
Tetrachloroethene
Concen: 21.836 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40



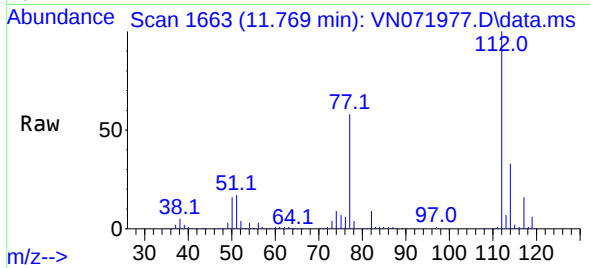
Tgt Ion:164 Resp: 105475
Ion Ratio Lower Upper
164 100
166 132.4 104.2 156.2
129 89.5 73.9 110.9
131 89.1 69.4 104.2





#65
Chlorobenzene
Concen: 21.618 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

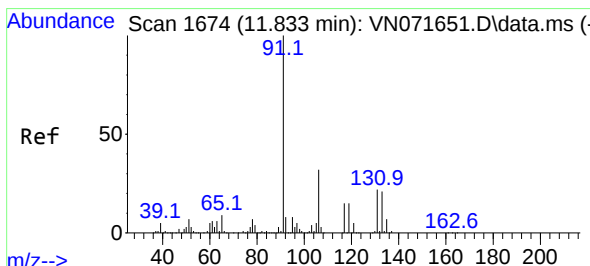
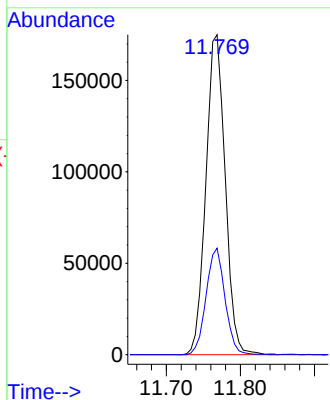
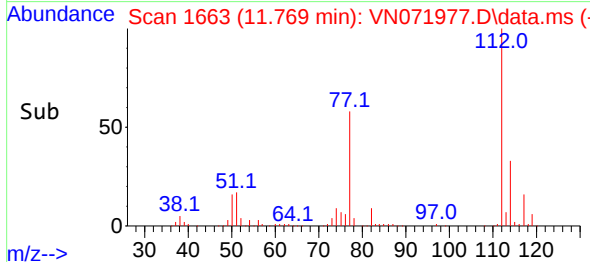
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01



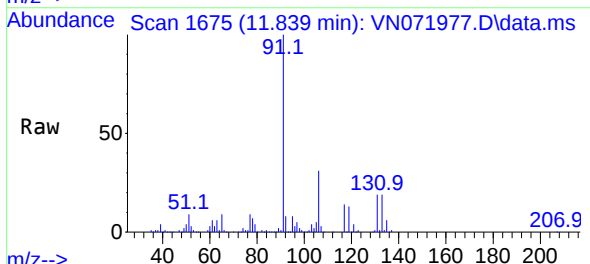
Tgt Ion:112 Resp: 31664
Ion Ratio Lower Upper
112 100
114 33.3 25.4 38.2

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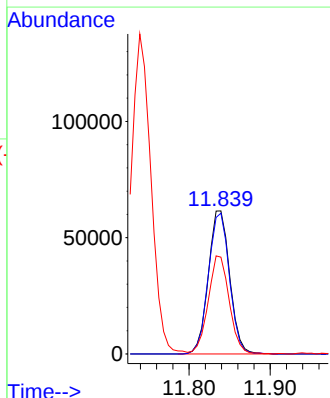
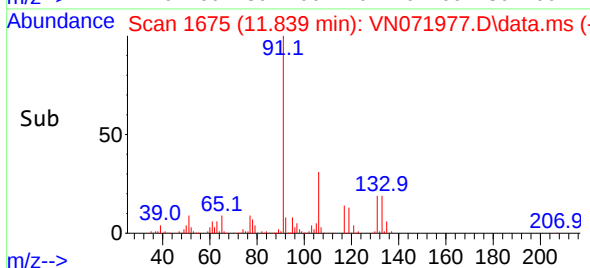
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

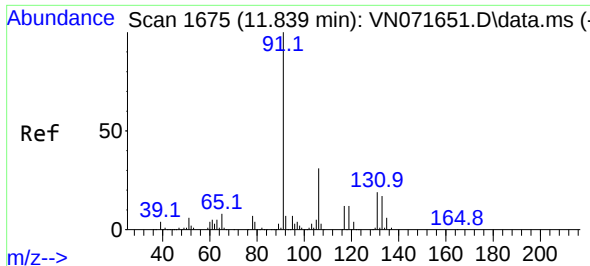


#66
1,1,1,2-Tetrachloroethane
Concen: 21.316 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40



Tgt Ion:131 Resp: 112664
Ion Ratio Lower Upper
131 100
133 96.8 47.8 143.4
119 67.5 33.4 100.2





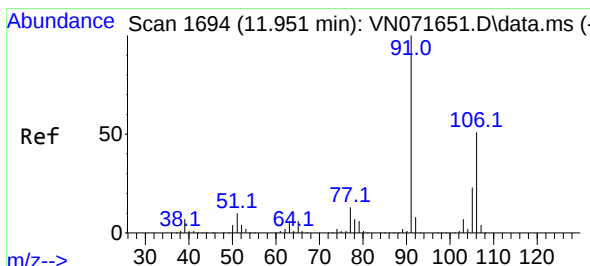
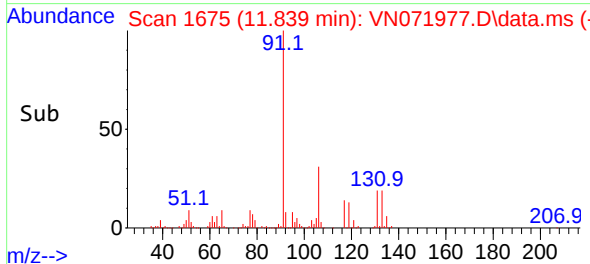
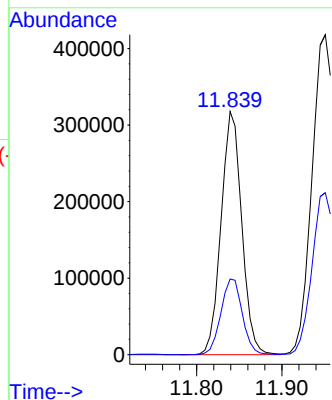
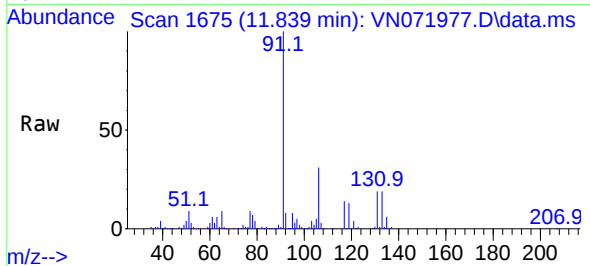
#67
Ethyl Benzene
Concen: 21.594 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

Tgt Ion: 91 Resp: 53544
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

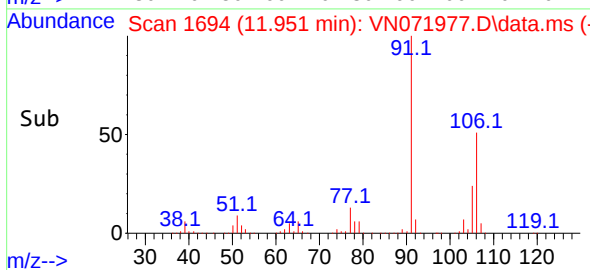
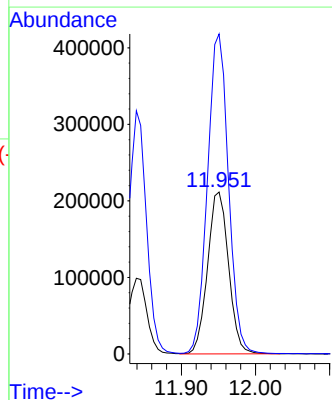
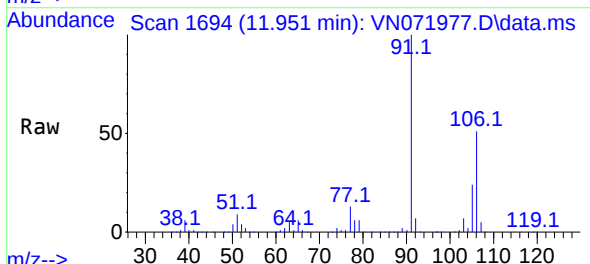
Manual Integrations
APPROVED

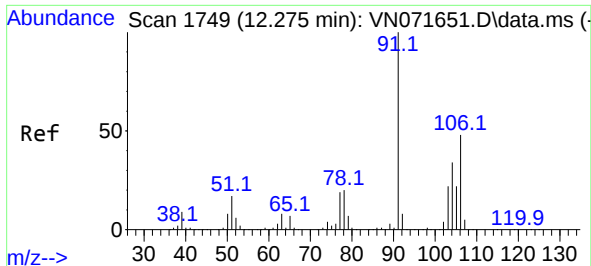
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#68
m/p-Xylenes
Concen: 43.672 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

Tgt Ion:106 Resp: 416071
Ion Ratio Lower Upper
106 100
91 197.6 158.9 238.3





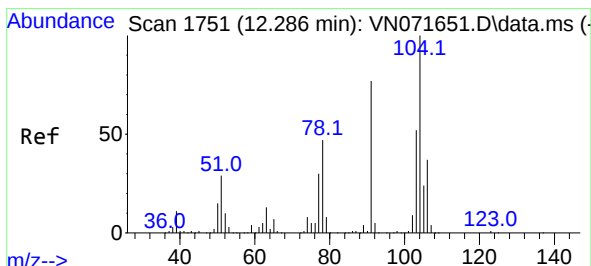
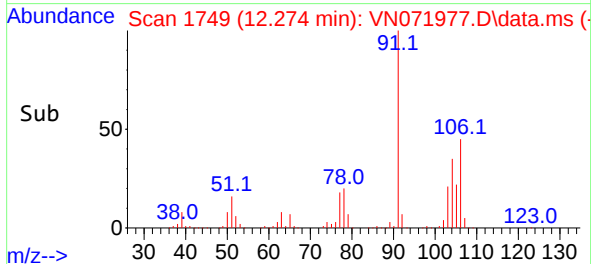
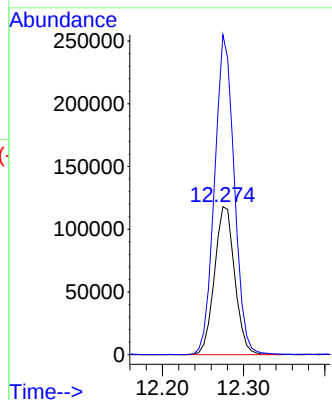
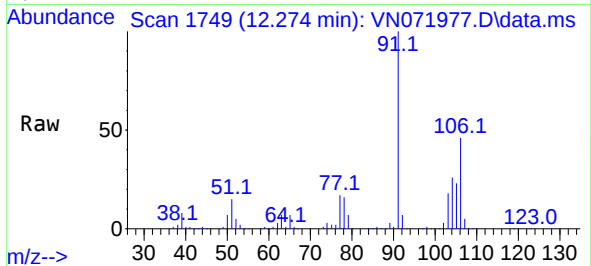
#69
o-Xylene
Concen: 21.635 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

Tgt Ion:106 Resp: 204589
Ion Ratio Lower Upper
106 100
91 210.5 106.0 318.0

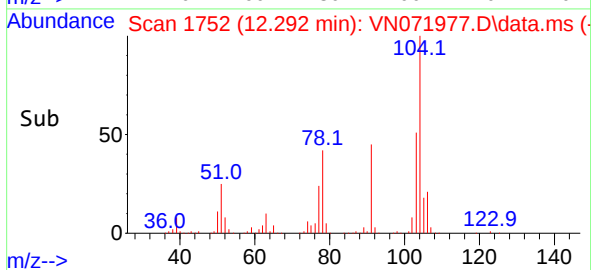
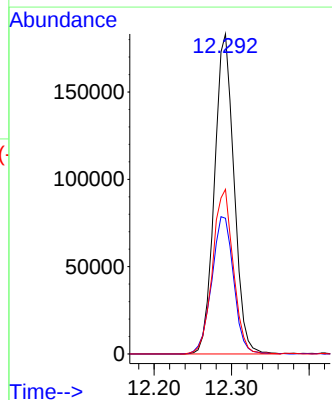
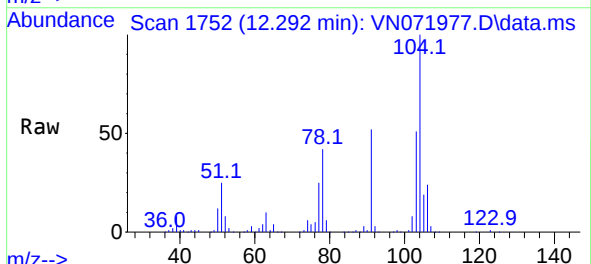
Manual Integrations
APPROVED

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



#70
Styrene
Concen: 22.468 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

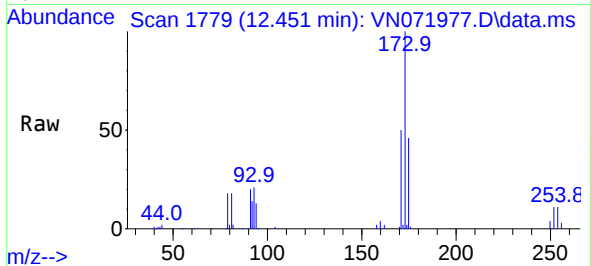
Tgt Ion:104 Resp: 321925
Ion Ratio Lower Upper
104 100
78 47.9 39.5 59.3
103 54.4 44.0 66.0





#71
Bromoform
Concen: 22.939 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

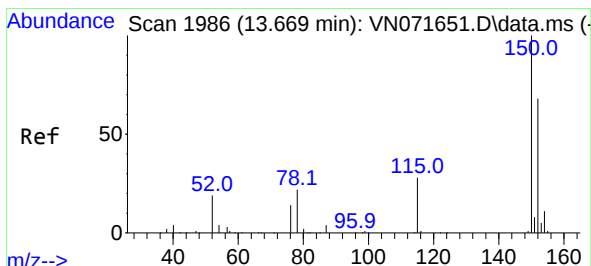
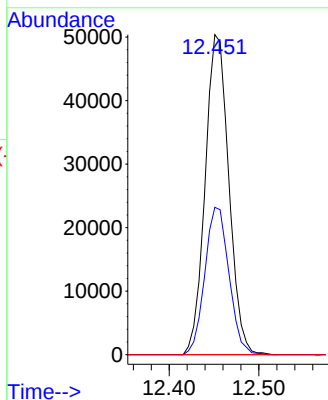
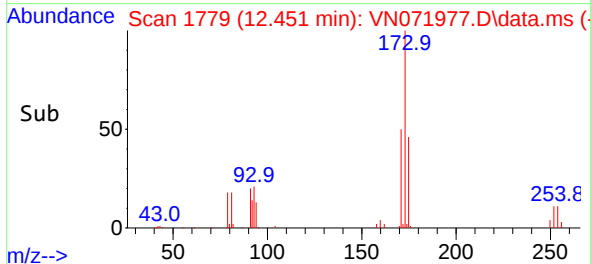
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01



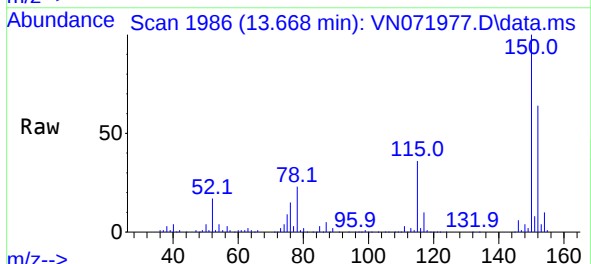
Tgt Ion:173 Resp: 92329
Ion Ratio Lower Upper
173 100
175 47.0 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

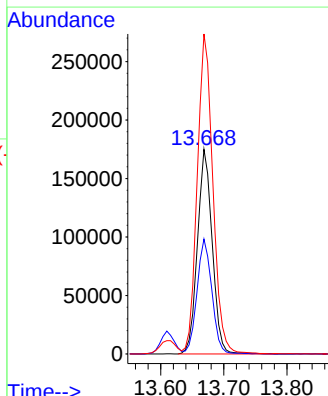
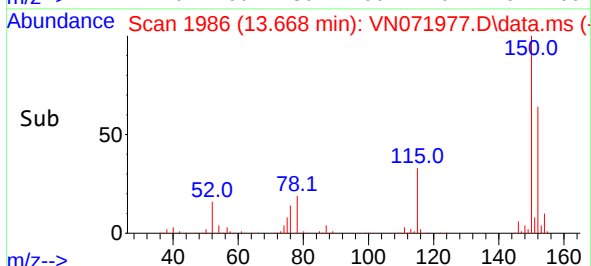
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

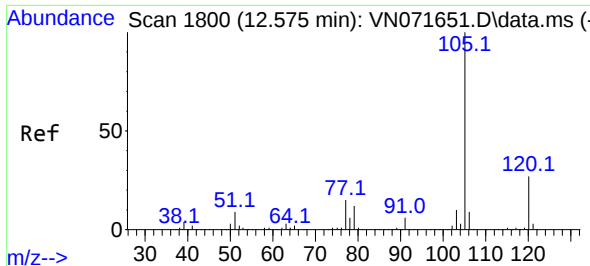


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40



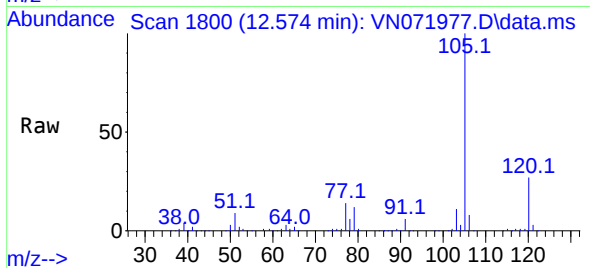
Tgt Ion:152 Resp: 284487
Ion Ratio Lower Upper
152 100
115 56.6 28.9 86.7
150 165.7 0.0 356.2





#73
Isopropylbenzene
Concen: 21.782 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

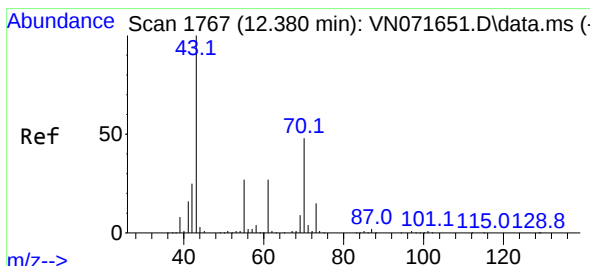
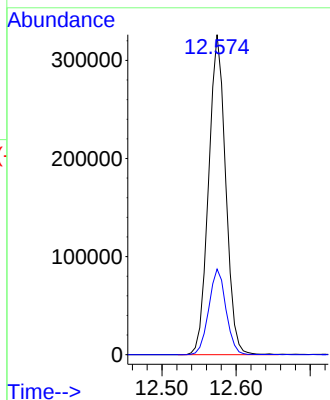
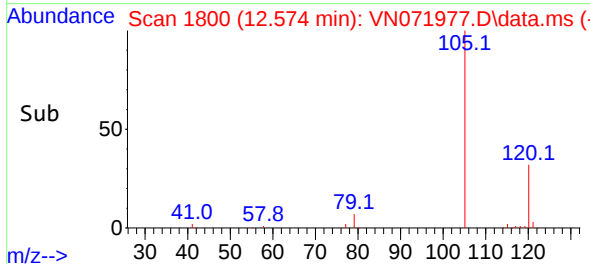
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01



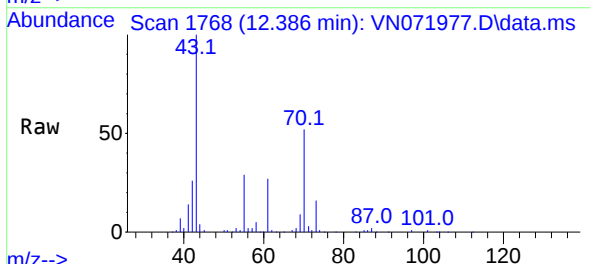
Tgt Ion:105 Resp: 52218
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4

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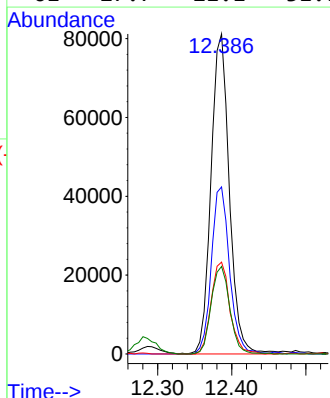
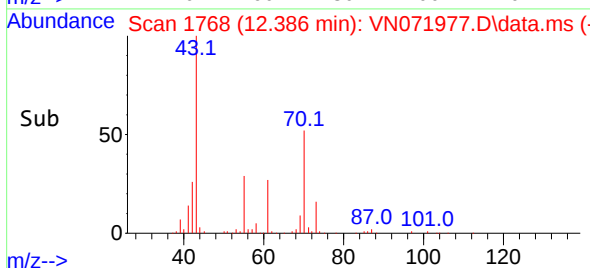
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

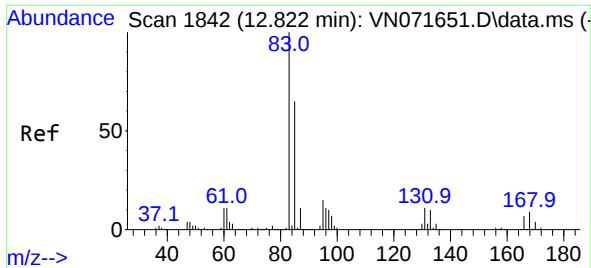


#74
N-ethyl acetate
Concen: 20.313 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40



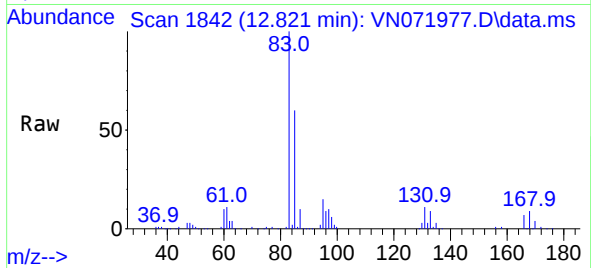
Tgt Ion: 43 Resp: 139521
Ion Ratio Lower Upper
43 100
70 51.9 39.0 58.4
55 29.4 21.1 31.7
61 27.7 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 22.121 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

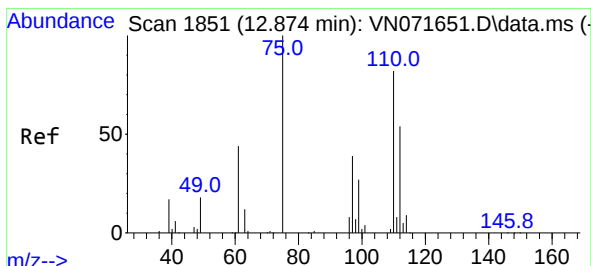
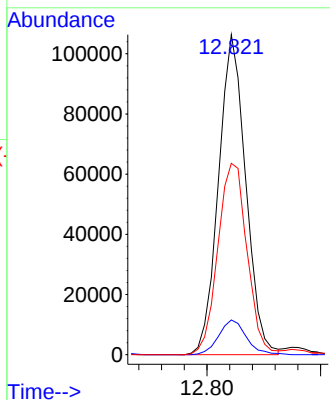
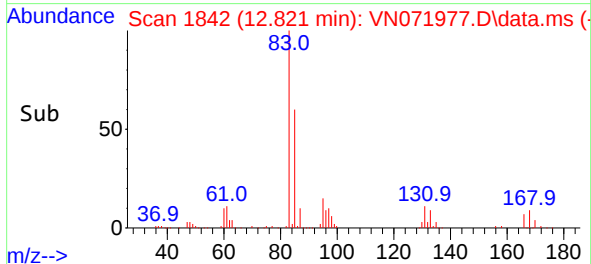
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01



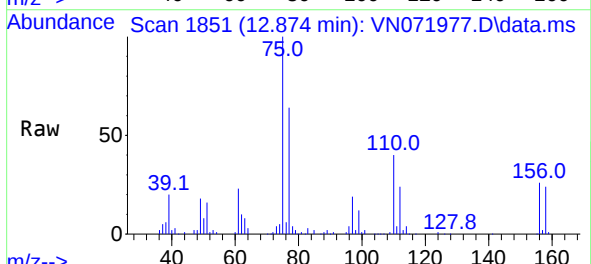
Tgt Ion: 83 Resp: 176939
Ion Ratio Lower Upper
83 100
131 11.0 5.3 15.9
85 64.1 32.3 96.9

Manual Integrations
APPROVED

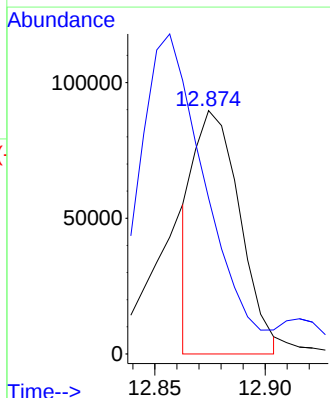
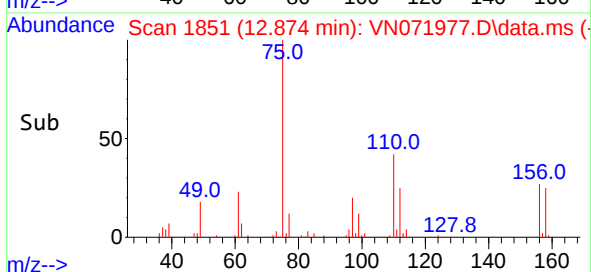
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

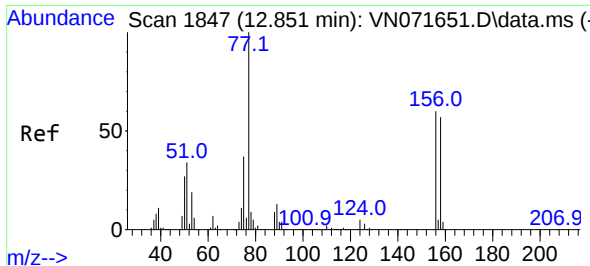


#76
1,2,3-Trichloropropane
Concen: 19.761 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40



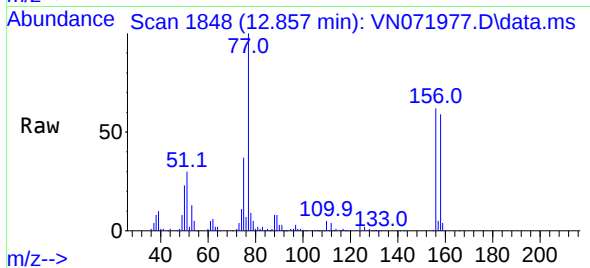
Tgt Ion: 75 Resp: 130233
Ion Ratio Lower Upper
75 100
77 189.6 98.5 295.5





#77
Bromobenzene
Concen: 21.280 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

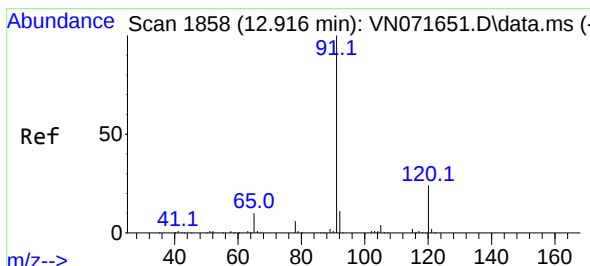
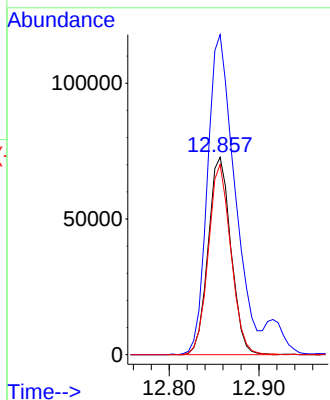
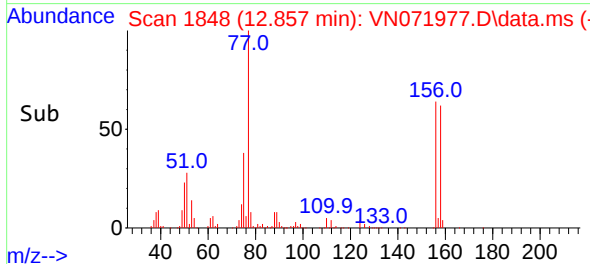
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01



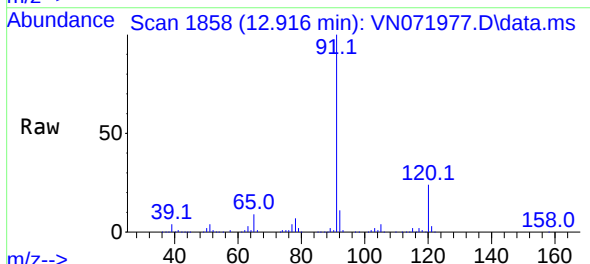
Tgt Ion:156 Resp: 127884
Ion Ratio Lower Upper
156 100
77 193.1 100.5 301.5
158 95.7 48.9 146.6

Manual Integrations
APPROVED

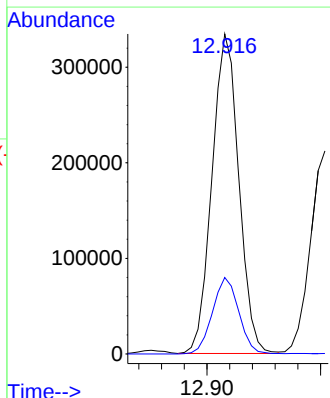
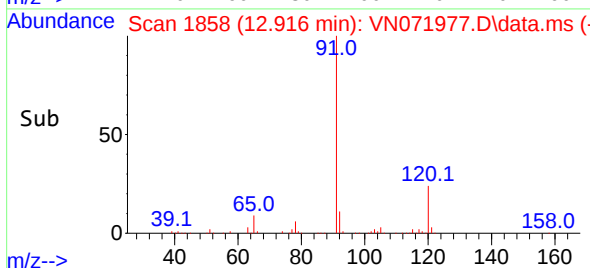
Reviewed By :John Carbone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#78
n-propylbenzene
Concen: 21.738 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40



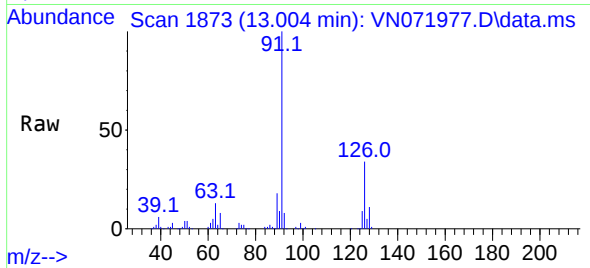
Tgt Ion: 91 Resp: 548175
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.5





#79
2-Chlorotoluene
Concen: 21.758 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

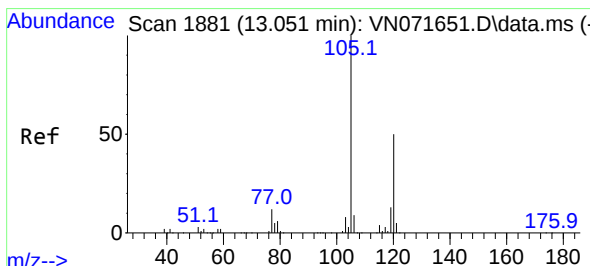
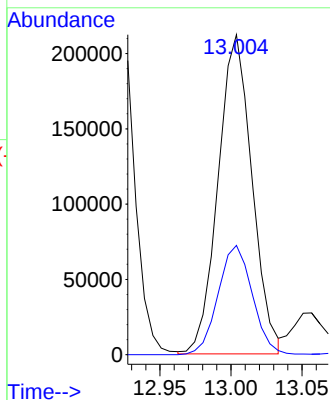
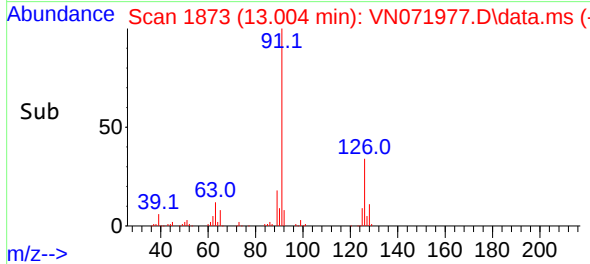
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01



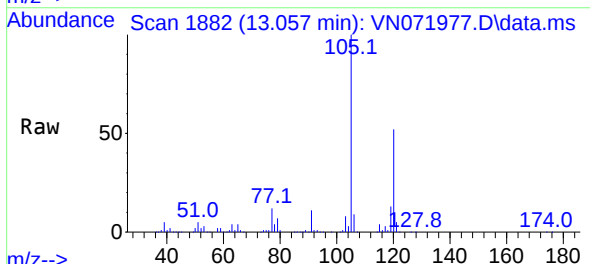
Tgt Ion: 91 Resp: 351878
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.9

Manual Integrations
APPROVED

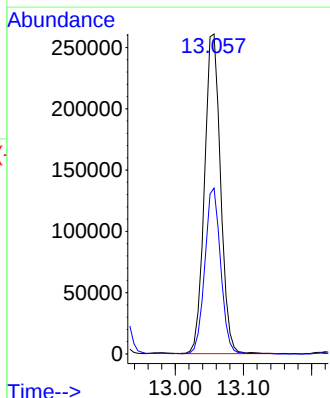
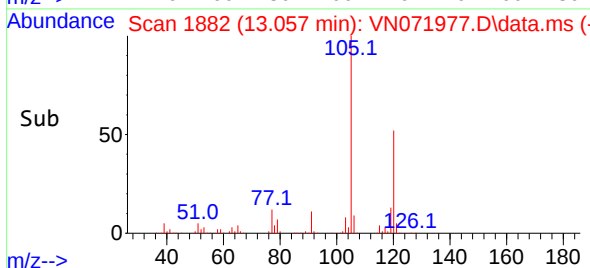
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 22.494 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40



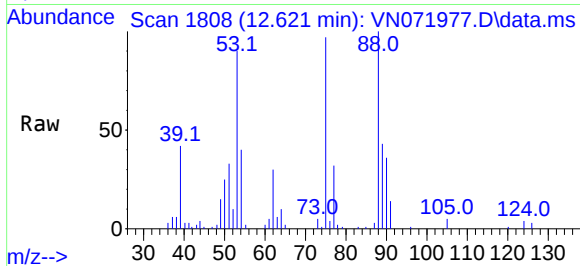
Tgt Ion:105 Resp: 427243
Ion Ratio Lower Upper
105 100
120 51.3 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 20.201 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

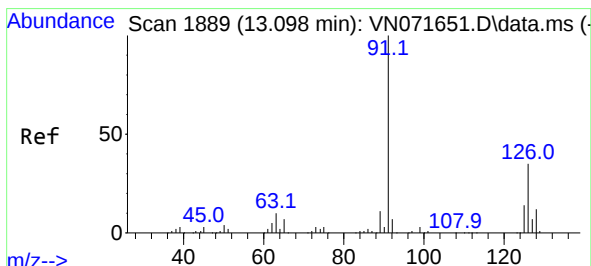
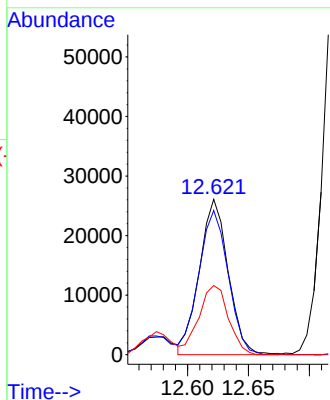
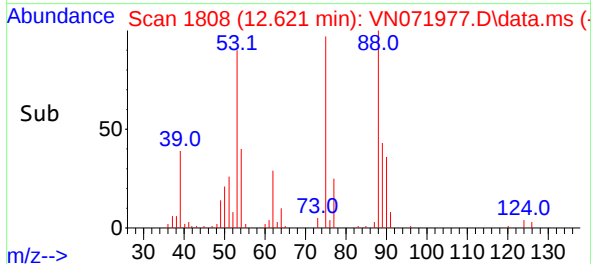
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01



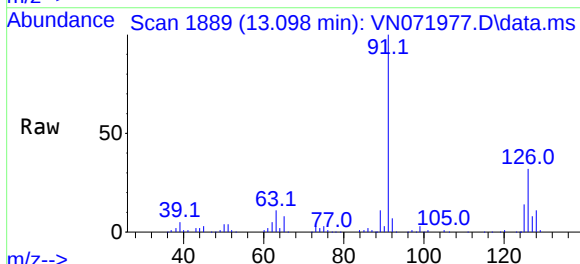
Tgt Ion: 75 Resp: 42960
Ion Ratio Lower Upper
75 100
53 95.4 78.0 117.0
89 45.9 37.2 55.8

Manual Integrations
APPROVED

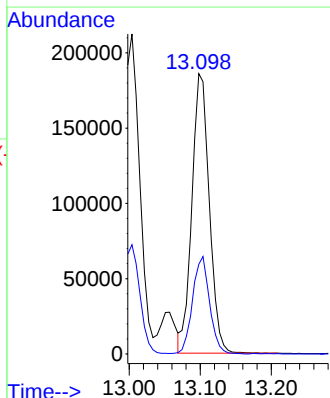
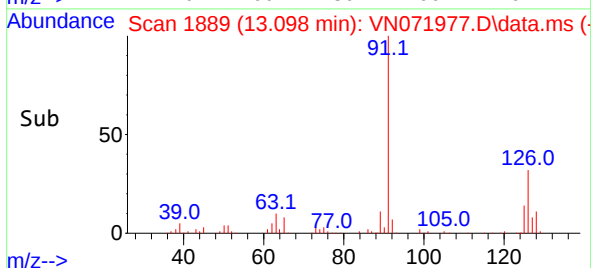
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

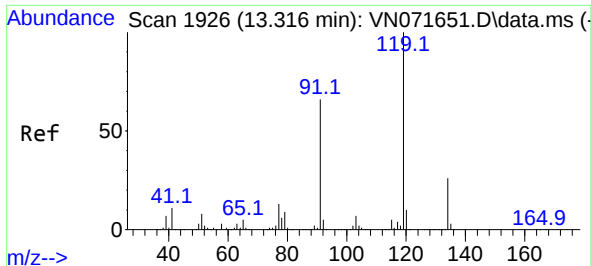


#82
4-Chlorotoluene
Concen: 21.133 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40



Tgt Ion: 91 Resp: 316789
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6





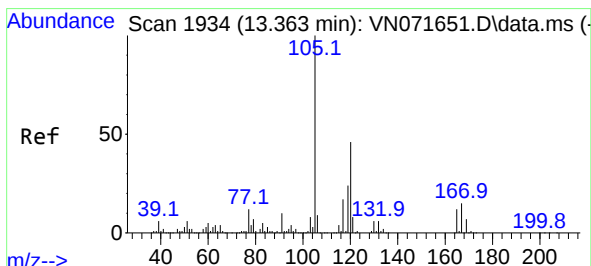
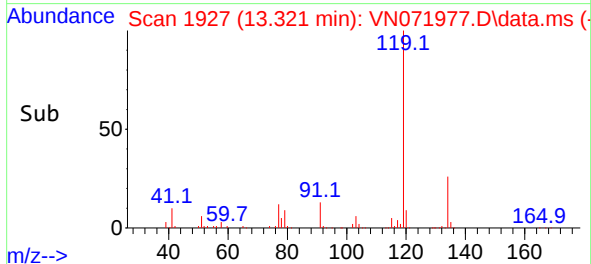
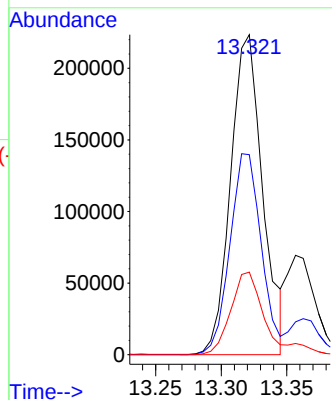
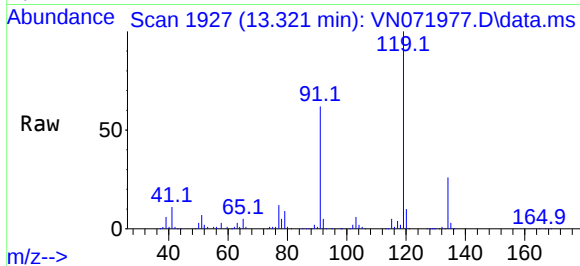
#83
tert-Butylbenzene
Concen: 21.885 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.005 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

Tgt Ion:119 Resp: 379980
Ion Ratio Lower Upper
119 100
91 61.3 31.6 94.8
134 27.8 13.7 41.1

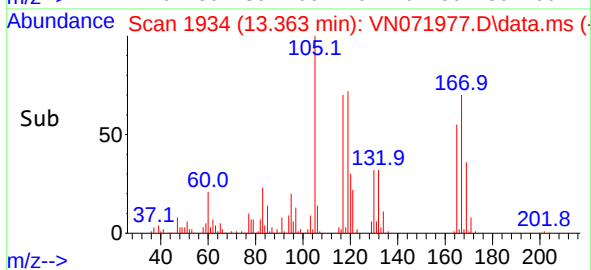
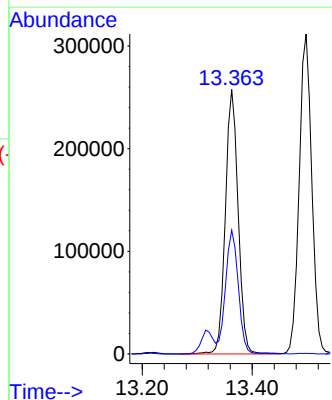
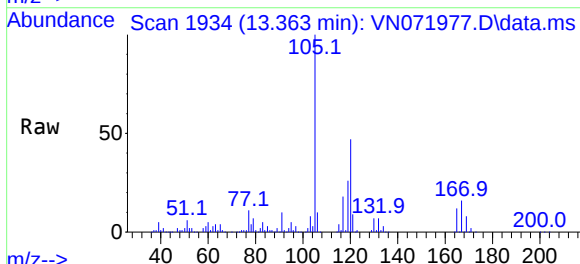
Manual Integrations
APPROVED

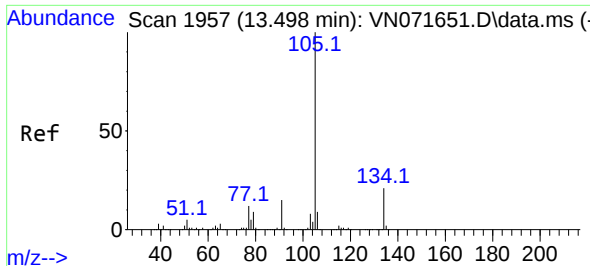
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#84
1,2,4-Trimethylbenzene
Concen: 22.396 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

Tgt Ion:105 Resp: 415060
Ion Ratio Lower Upper
105 100
120 47.1 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 21.998 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071977.D
 Acq: 13 Apr 2022 15:40

Instrument :

MSVOA_N

ClientSampleId :

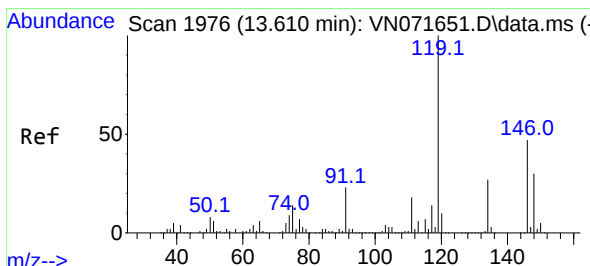
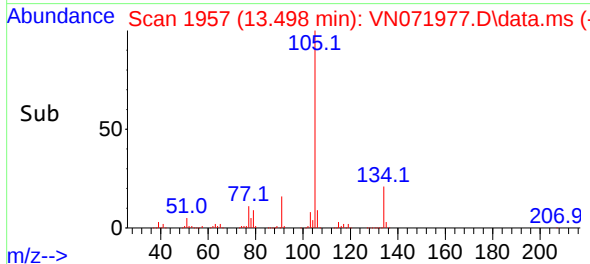
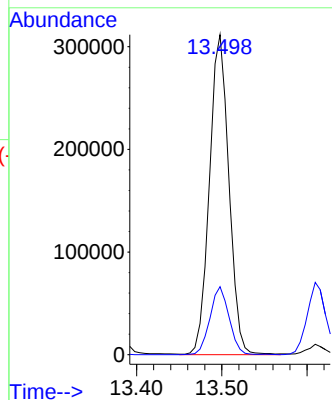
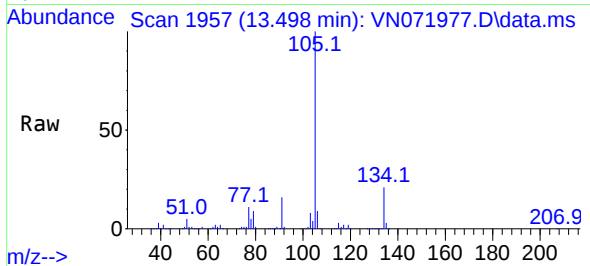
VN0413WBSD01

Tgt Ion:105 Resp: 495110
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1

Manual Integrations

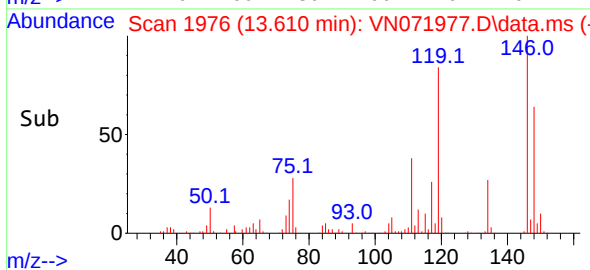
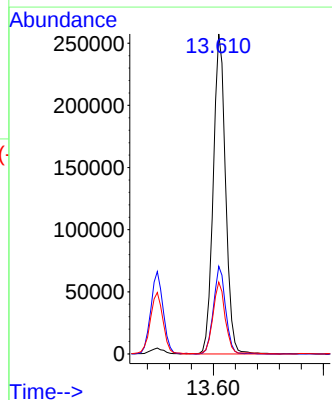
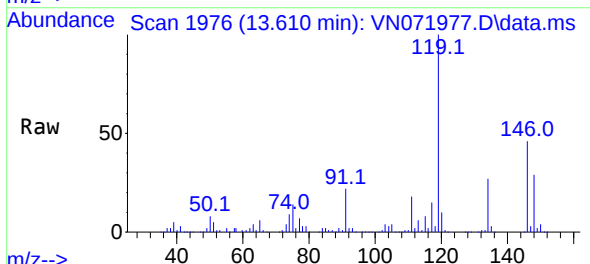
APPROVED

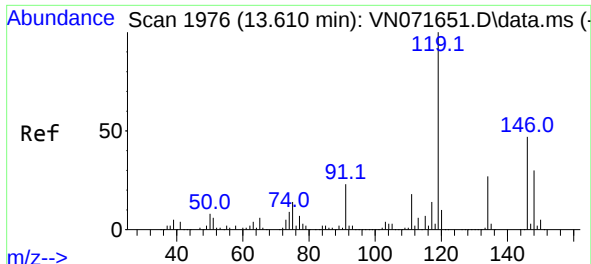
Reviewed By :John Carlone 04/14/2022
 Supervised By :Mahesh Dadoda 04/14/2022



#86
 p-Isopropyltoluene
 Concen: 22.361 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071977.D
 Acq: 13 Apr 2022 15:40

Tgt Ion:119 Resp: 401285
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 21.8 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 21.099 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN071977.D

Acq: 13 Apr 2022 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBSD01

Tgt Ion:146 Resp: 20200

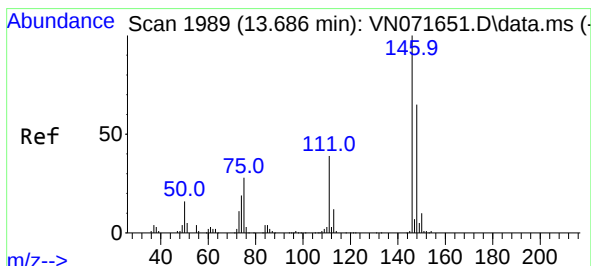
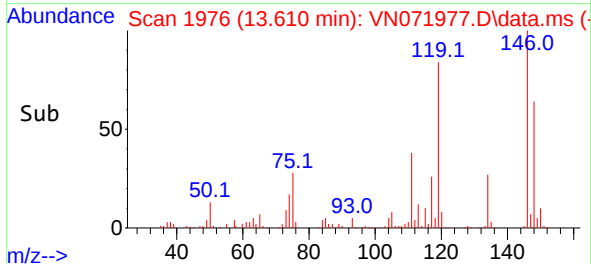
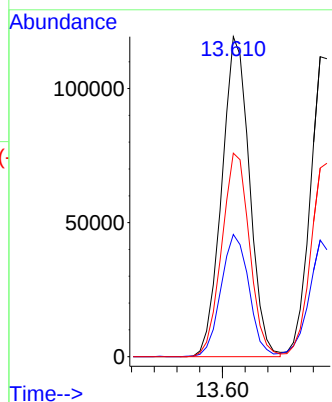
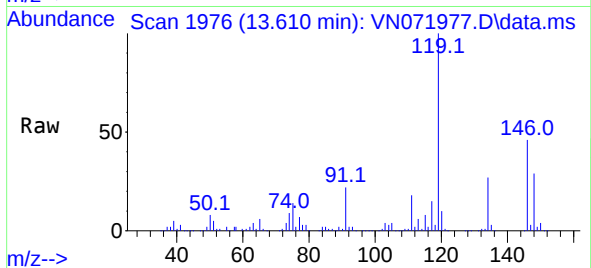
Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.0	60.0
148	64.0	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carbone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022



#88

1,4-Dichlorobenzene

Concen: 20.968 ug/l

RT: 13.686 min Scan# 1989

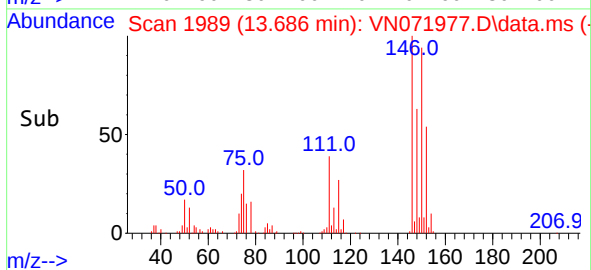
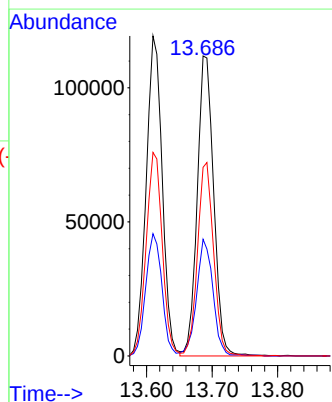
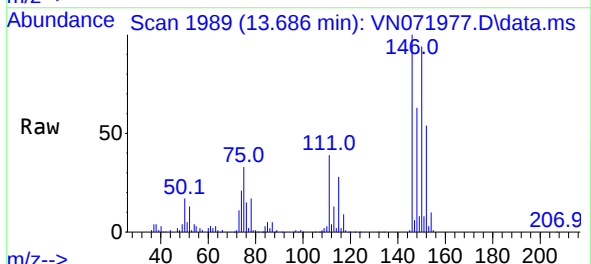
Delta R.T. 0.000 min

Lab File: VN071977.D

Acq: 13 Apr 2022 15:40

Tgt Ion:146 Resp: 195857

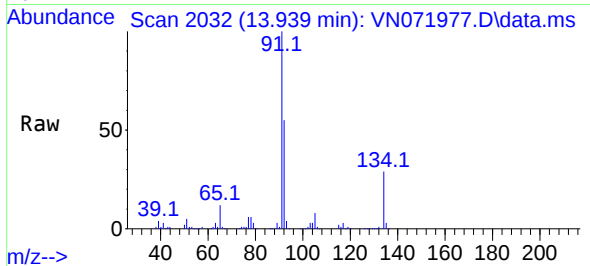
Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.1	57.1
148	63.1	31.4	94.3





#89
n-Butylbenzene
Concen: 20.418 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

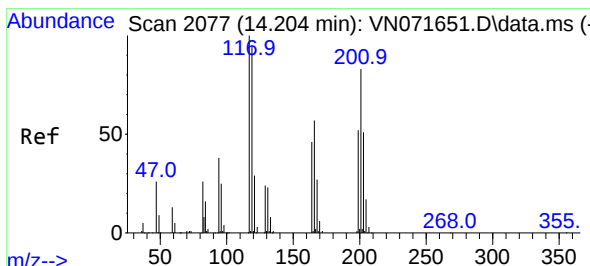
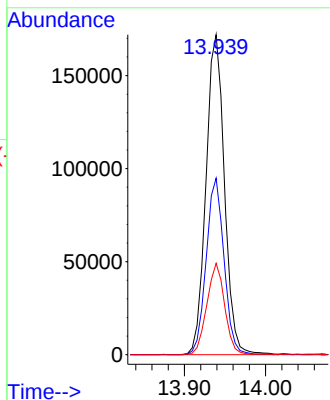
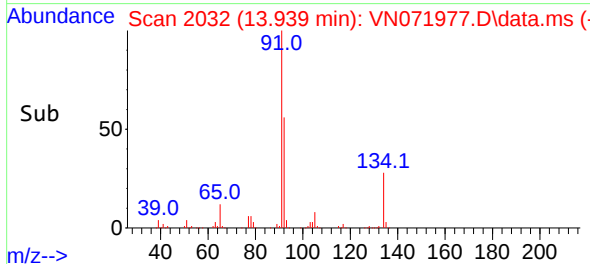
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01



Tgt Ion: 91 Resp: 271770
Ion Ratio Lower Upper
91 100
92 53.3 26.9 80.7
134 27.6 13.6 40.8

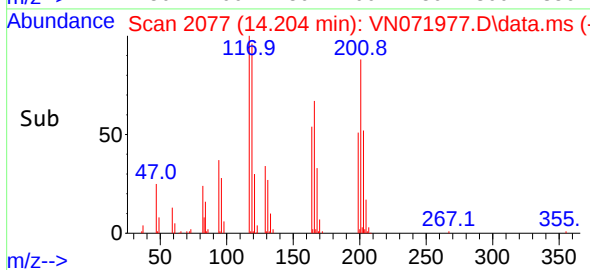
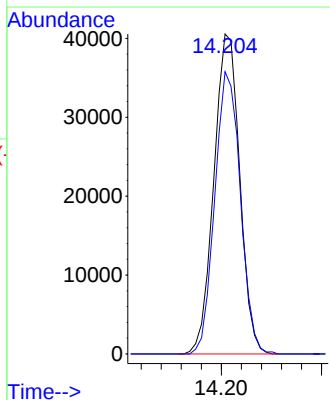
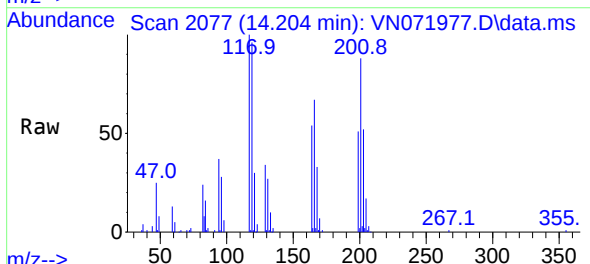
Manual Integrations
APPROVED

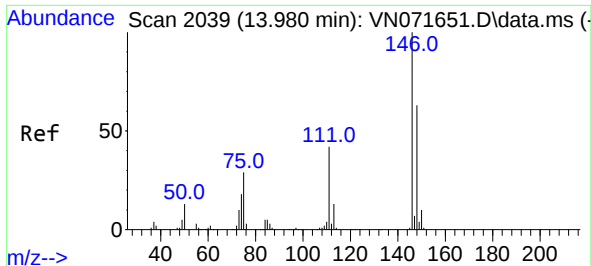
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#90
Hexachloroethane
Concen: 22.034 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

Tgt Ion:117 Resp: 72383
Ion Ratio Lower Upper
117 100
201 87.2 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 21.556 ug/l

RT: 13.986 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN071977.D

Acq: 13 Apr 2022 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBSD01

Tgt Ion:146 Resp: 202610

Ion Ratio Lower Upper

146 100

111 40.0 20.9 62.8

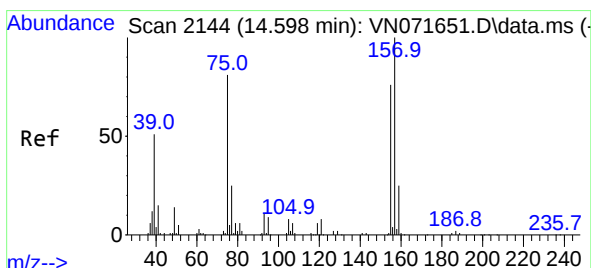
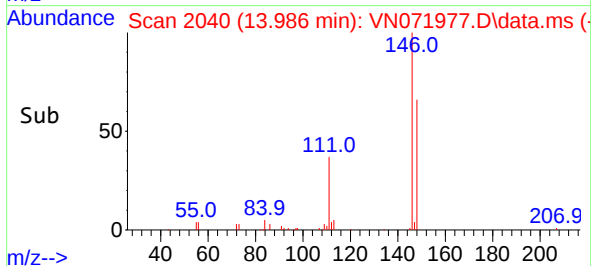
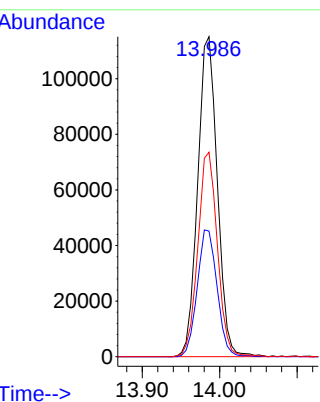
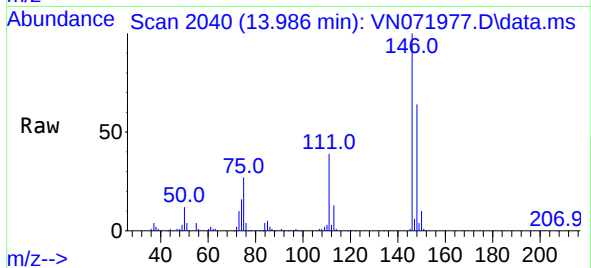
148 63.7 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.592 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VN071977.D

Acq: 13 Apr 2022 15:40

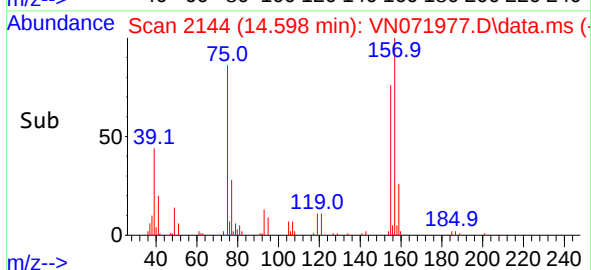
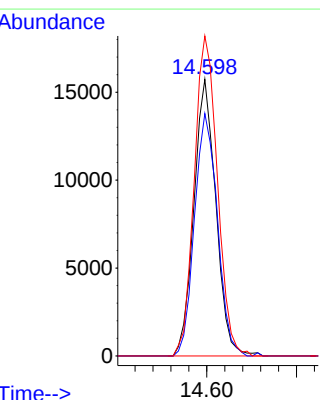
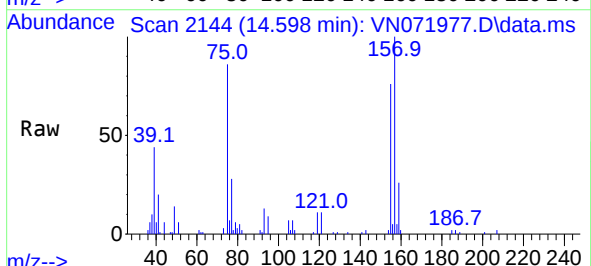
Tgt Ion: 75 Resp: 26789

Ion Ratio Lower Upper

75 100

155 91.2 44.9 134.5

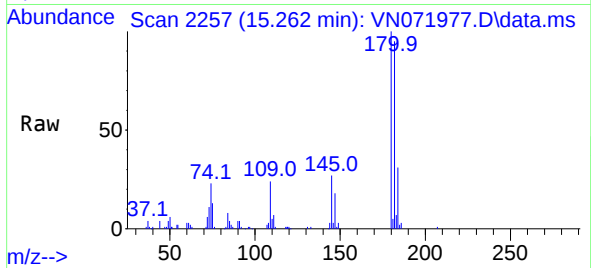
157 121.6 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 20.180 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

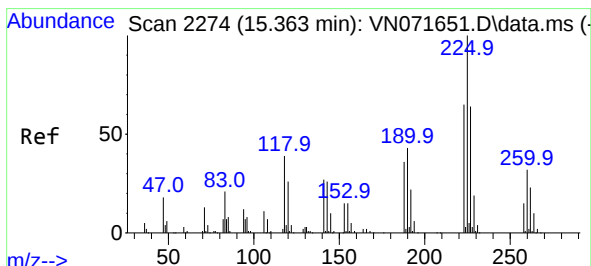
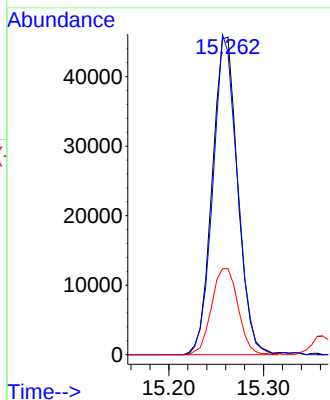
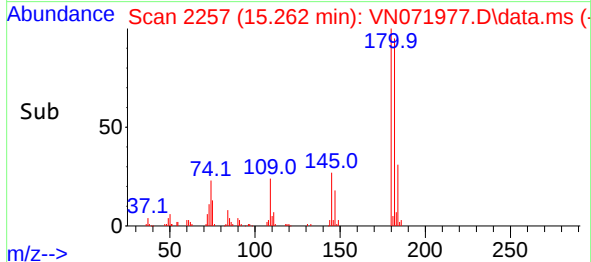
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01



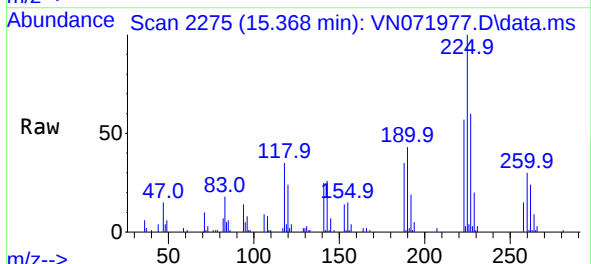
Tgt Ion:180 Resp: 8549
Ion Ratio Lower Upper
180 100
182 96.6 47.5 142.5
145 28.2 14.5 43.5

Manual Integrations
APPROVED

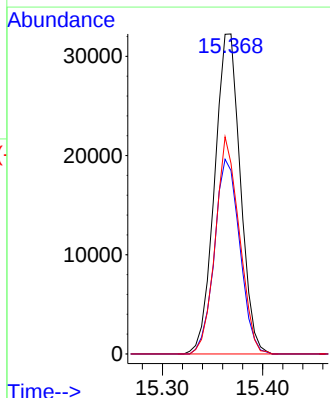
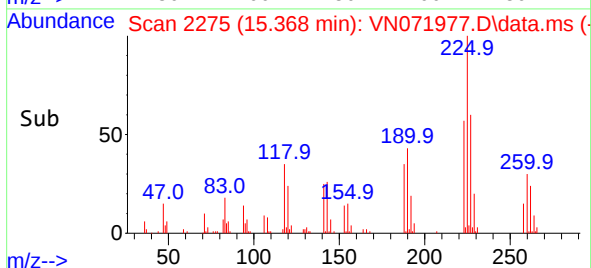
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

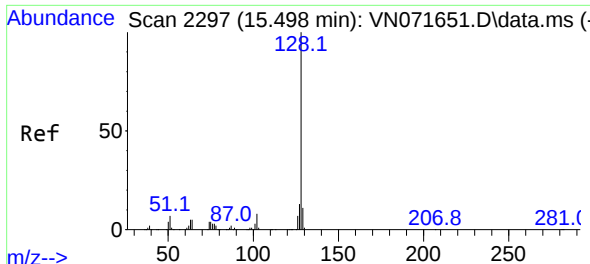


#94
Hexachlorobutadiene
Concen: 20.691 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.005 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40



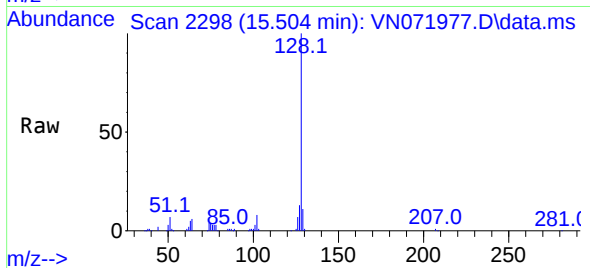
Tgt Ion:225 Resp: 57359
Ion Ratio Lower Upper
225 100
223 59.9 32.4 97.2
227 63.2 31.8 95.4





#95
Naphthalene
Concen: 18.941 ug/l
RT: 15.504 min Scan# 21225
Delta R.T. 0.006 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40

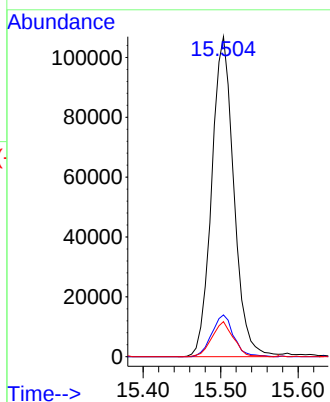
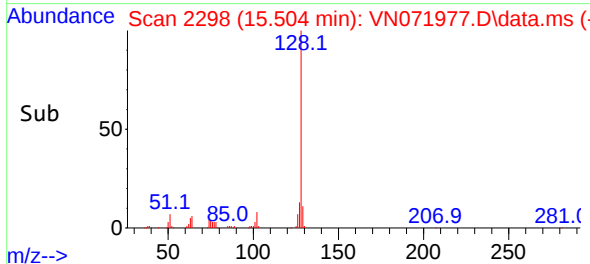
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01



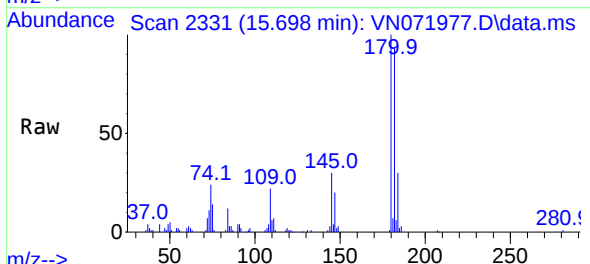
Tgt Ion:128 Resp: 21225
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.6 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 20.293 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071977.D
Acq: 13 Apr 2022 15:40



Tgt Ion:180 Resp: 82395
Ion Ratio Lower Upper
180 100
182 97.9 47.8 143.3
145 31.9 15.5 46.5

