

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
 Data File : VN076954.D
 Acq On : 13 Mar 2023 12:07
 Operator : JC\MD
 Sample : VN0313WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0313WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/14/2023
 Supervised By : Mahesh Dadoda 03/14/2023

Quant Time: Mar 14 07:00:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	418699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	691811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	610361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	277780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	309913	49.601	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.200%		
35) Dibromofluoromethane	8.172	113	237214	51.449	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.900%		
50) Toluene-d8	10.571	98	886376	52.162	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.320%		
62) 4-Bromofluorobenzene	12.854	95	333310	53.627	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.143	85	148027	19.628	ug/l	99
3) Chloromethane	2.378	50	79243	19.417	ug/l	99
4) Vinyl Chloride	2.531	62	66834	17.643	ug/l	95
5) Bromomethane	2.966	94	49293	17.691	ug/l	96
6) Chloroethane	3.137	64	37435	15.567	ug/l	94
7) Trichlorofluoromethane	3.513	101	169726	17.268	ug/l	97
8) Diethyl Ether	3.972	74	59642	18.860	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.390	101	92306	18.381	ug/l	98
10) Methyl Iodide	4.601	142	77794	14.801	ug/l	97
11) Tert butyl alcohol	5.537	59	90313	103.906	ug/l	100
12) 1,1-Dichloroethene	4.360	96	84403	18.237	ug/l	94
13) Acrolein	4.195	56	79307	101.511	ug/l	96
14) Allyl chloride	5.042	41	127288	19.172	ug/l #	83
15) Acrylonitrile	5.737	53	258100	105.070	ug/l	99
16) Acetone	4.442	43	212473	98.136	ug/l	93
17) Carbon Disulfide	4.731	76	247524	19.307	ug/l	99
18) Methyl Acetate	5.037	43	159351	19.957	ug/l	90
19) Methyl tert-butyl Ether	5.807	73	336062	20.421	ug/l	95
20) Methylene Chloride	5.295	84	104543	18.779	ug/l	93
21) trans-1,2-Dichloroethene	5.801	96	95988	19.564	ug/l	84
22) Diisopropyl ether	6.684	45	304804	20.751	ug/l	96
23) Vinyl Acetate	6.613	43	971946	107.451	ug/l	93
24) 1,1-Dichloroethane	6.578	63	183421	19.549	ug/l	97
25) 2-Butanone	7.495	43	320329	104.027	ug/l #	86
26) 2,2-Dichloropropane	7.501	77	161859	19.494	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	110683	19.550	ug/l	86
28) Bromochloromethane	7.819	49	73604	21.687	ug/l	85
29) Tetrahydrofuran	7.848	42	207733	108.839	ug/l	86
30) Chloroform	7.972	83	195484	19.391	ug/l	100
31) Cyclohexane	8.266	56	169594	18.918	ug/l	91
32) 1,1,1-Trichloroethane	8.172	97	184106	19.479	ug/l	98
36) 1,1-Dichloropropene	8.383	75	142222	19.944	ug/l	96
37) Ethyl Acetate	7.566	43	128984	22.618	ug/l	97
38) Carbon Tetrachloride	8.366	117	160591	19.242	ug/l	97
39) Methylcyclohexane	9.607	83	178027	20.566	ug/l #	86
40) Benzene	8.613	78	426591	20.295	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	70643	20.818	ug/l	89
42) 1,2-Dichloroethane	8.677	62	157775	19.244	ug/l	96
43) Isopropyl Acetate	8.695	43	216752	21.531	ug/l	92
44) Trichloroethene	9.360	130	104337	19.207	ug/l	97
45) 1,2-Dichloropropane	9.624	63	105879	20.473	ug/l	96
46) Dibromomethane	9.713	93	74371	20.591	ug/l	96
47) Bromodichloromethane	9.889	83	156117	20.374	ug/l	98
48) Methyl methacrylate	9.683	41	103641	21.012	ug/l	86
49) 1,4-Dioxane	9.695	88	40807	436.923	ug/l #	84
51) 4-Methyl-2-Pentanone	10.448	43	660397	109.205	ug/l	95
52) Toluene	10.636	92	269886	20.862	ug/l	98
53) t-1,3-Dichloropropene	10.842	75	161027	21.079	ug/l	95
54) cis-1,3-Dichloropropene	10.313	75	175884	20.965	ug/l	93
55) 1,1,2-Trichloroethane	11.019	97	103234	20.510	ug/l	97
56) Ethyl methacrylate	10.877	69	166033	21.748	ug/l #	88
57) 1,3-Dichloropropane	11.166	76	183233	20.645	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.166	63	272784	112.207	ug/l	96
59) 2-Hexanone	11.201	43	480397	108.951	ug/l	93
60) Dibromochloromethane	11.360	129	115377	20.806	ug/l	96
61) 1,2-Dibromoethane	11.471	107	104702	20.754	ug/l	100
64) Tetrachloroethene	11.107	164	99467	20.135	ug/l	96
65) Chlorobenzene	11.895	112	274698	20.121	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.960	131	108183	20.298	ug/l	98
67) Ethyl Benzene	11.966	91	511672	20.382	ug/l	96
68) m/p-Xylenes	12.071	106	387739	41.093	ug/l	91
69) o-Xylene	12.401	106	191055	20.857	ug/l	87
70) Styrene	12.413	104	309481	20.912	ug/l	94
71) Bromoform	12.583	173	79947	20.699	ug/l #	99
73) Isopropylbenzene	12.701	105	502199	20.289	ug/l	95
74) N-amyl acetate	12.495	43	173793	21.207	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.936	83	150930	20.723	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	143346m	21.285	ug/l	
77) Bromobenzene	12.983	156	112274	20.290	ug/l	90
78) n-propylbenzene	13.042	91	572705	20.778	ug/l	95
79) 2-Chlorotoluene	13.130	91	362746	20.294	ug/l	94
80) 1,3,5-Trimethylbenzene	13.177	105	438500	20.797	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.736	75	45327	21.985	ug/l	89
82) 4-Chlorotoluene	13.224	91	349270	20.680	ug/l	92
83) tert-Butylbenzene	13.442	119	369967	20.654	ug/l	93
84) 1,2,4-Trimethylbenzene	13.483	105	442993	21.000	ug/l	92
85) sec-Butylbenzene	13.618	105	518822	21.131	ug/l	96
86) p-Isopropyltoluene	13.730	119	427574	21.565	ug/l	95
87) 1,3-Dichlorobenzene	13.736	146	201797	20.010	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	202811	20.048	ug/l	97
89) n-Butylbenzene	14.059	91	351701	21.257	ug/l	98
90) Hexachloroethane	14.336	117	76275	20.020	ug/l	88
91) 1,2-Dichlorobenzene	14.107	146	209264	20.656	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	32201	20.025	ug/l	88
93) 1,2,4-Trichlorobenzene	15.395	180	114662	20.361	ug/l	98
94) Hexachlorobutadiene	15.506	225	63204	21.066	ug/l	99
95) Naphthalene	15.642	128	372124	22.195	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	118810	21.727	ug/l	97

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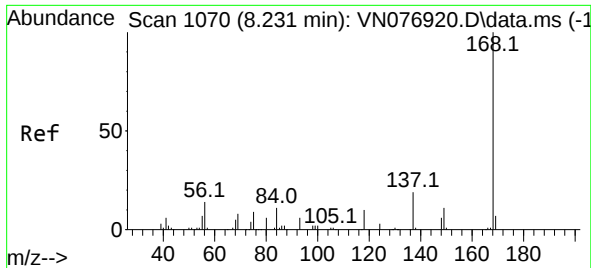
Manual Integrations
APPROVED

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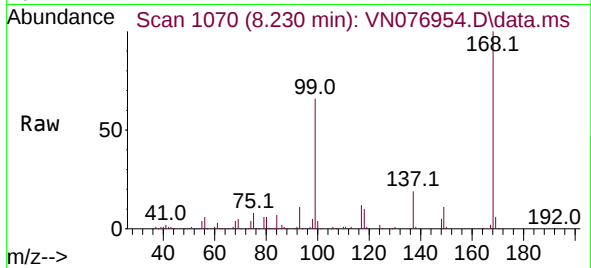
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN076954.D
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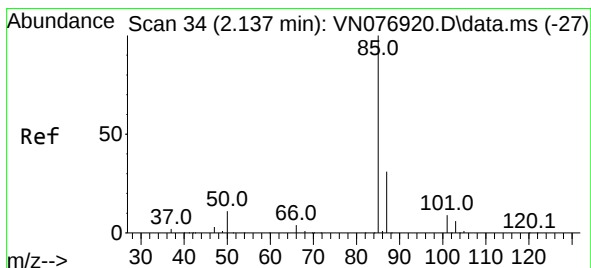
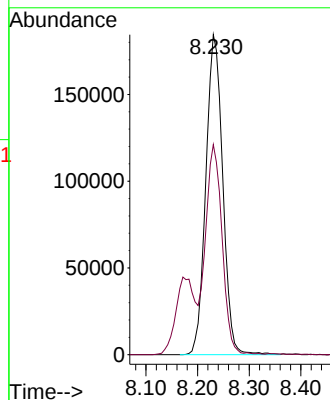
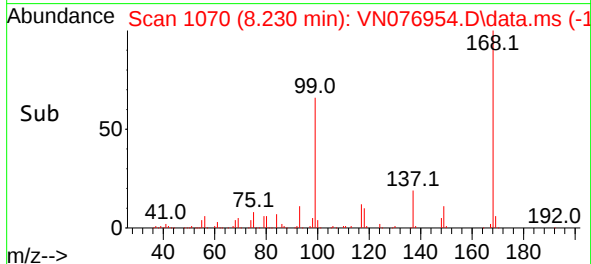
Instrument :
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ClientSampleId :
VN0313WBSD01



Tgt Ion:168 Resp: 418699
Ion Ratio Lower Upper
168 100
99 65.4 48.6 73.0

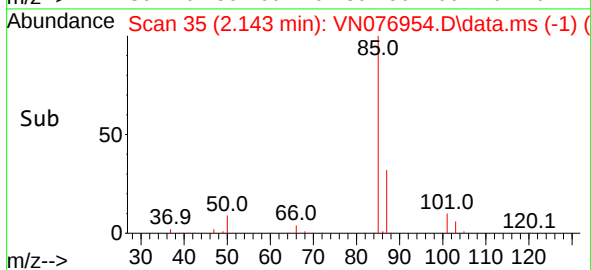
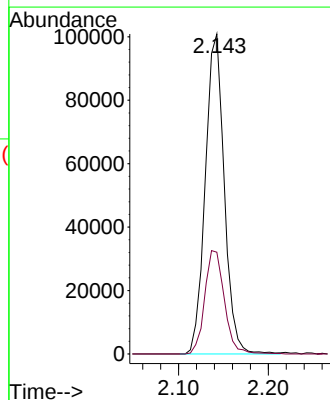
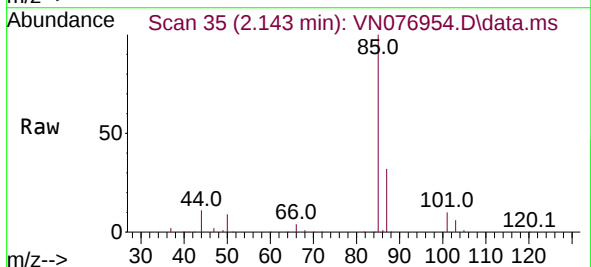
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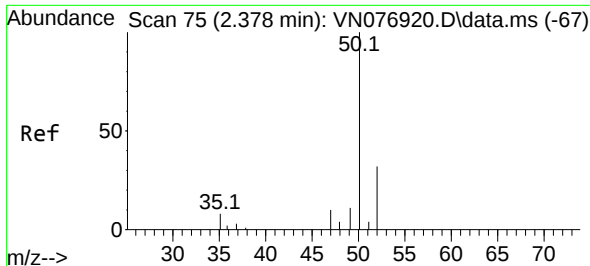
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#2
Dichlorodifluoromethane
Concen: 19.628 ug/l
RT: 2.143 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

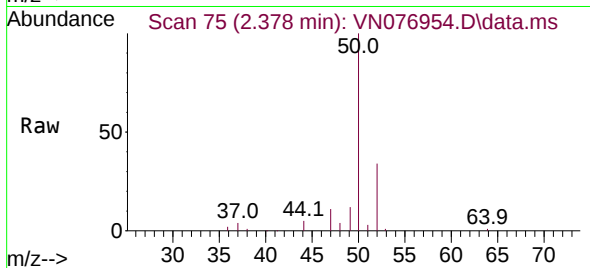
Tgt Ion: 85 Resp: 148027
Ion Ratio Lower Upper
85 100
87 31.8 16.2 48.6





#3
Chloromethane
Concen: 19.417 ug/l
RT: 2.378 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

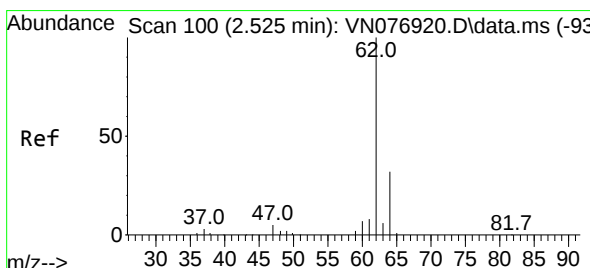
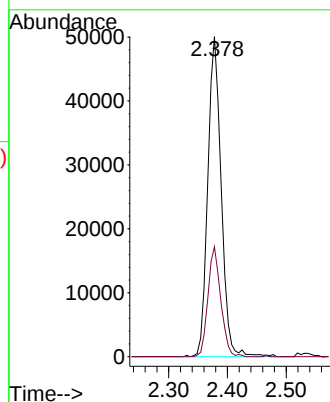
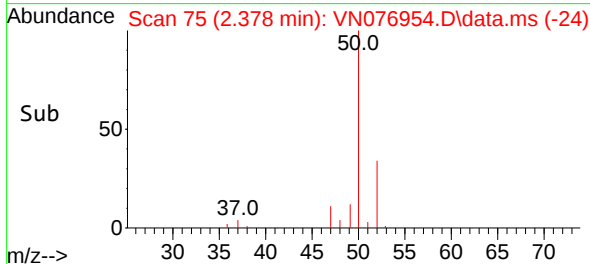
Instrument :
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Tgt Ion: 50 Resp: 7924
Ion Ratio Lower Upper
50 100
52 34.3 27.9 41.9

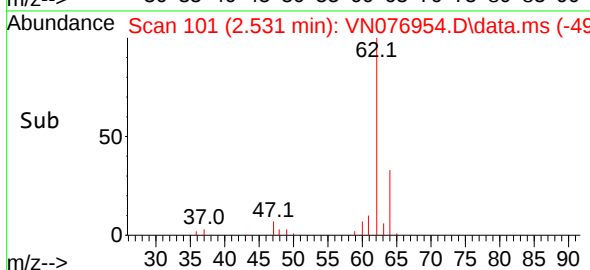
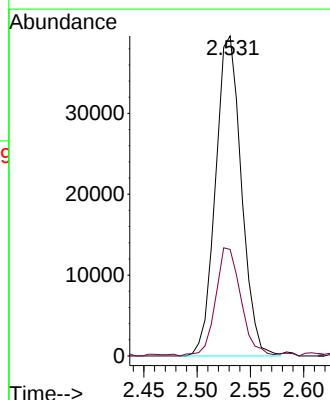
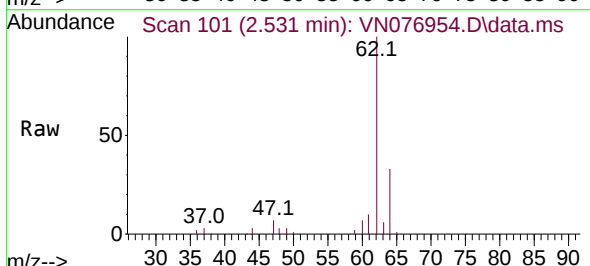
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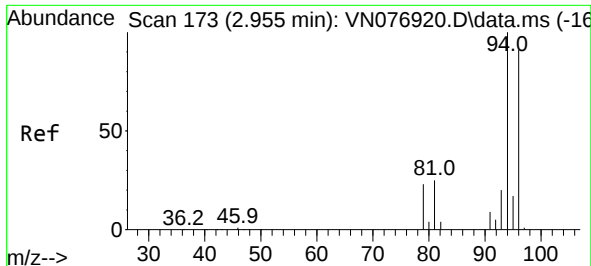
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#4
Vinyl Chloride
Concen: 17.643 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

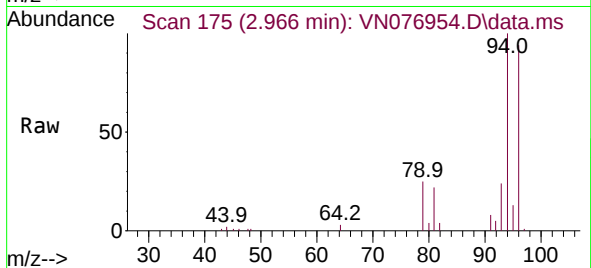
Tgt Ion: 62 Resp: 66834
Ion Ratio Lower Upper
62 100
64 33.3 24.5 36.7





#5
Bromomethane
Concen: 17.691 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

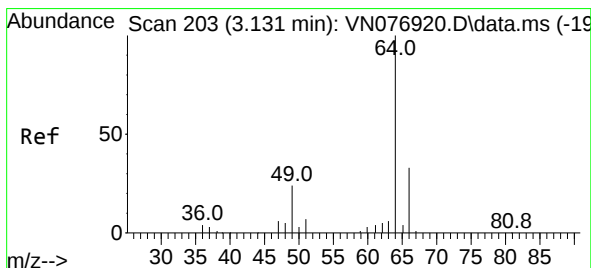
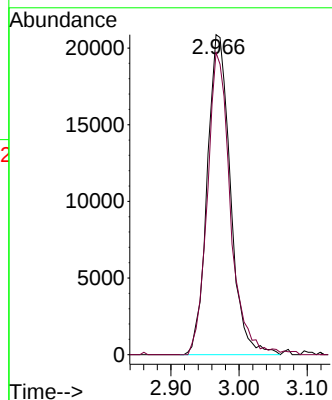
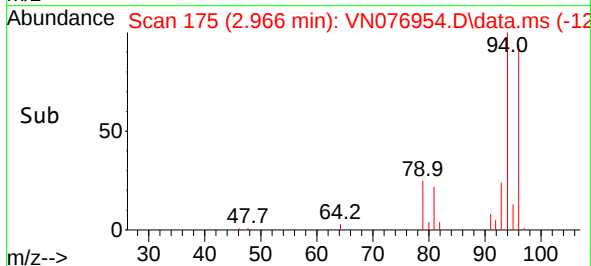
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Tgt Ion: 94 Resp: 4929
Ion Ratio Lower Upper
94 100
96 94.4 79.0 118.6

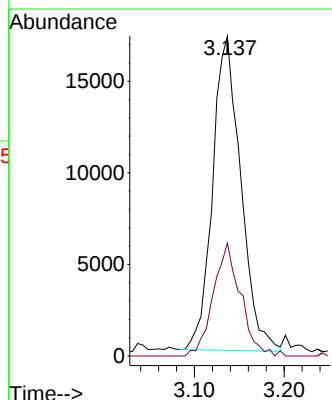
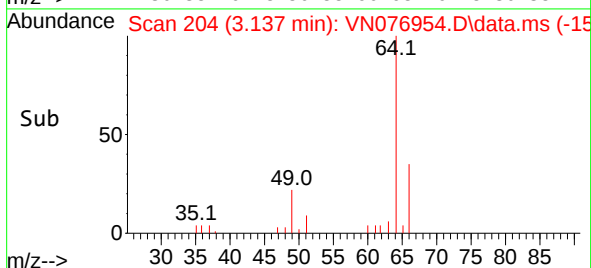
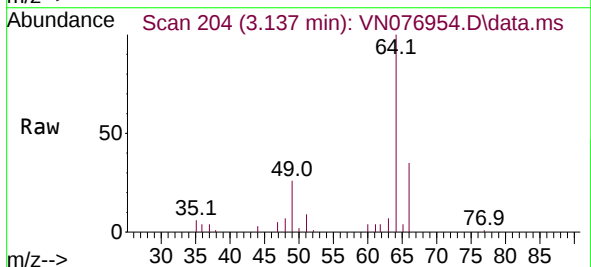
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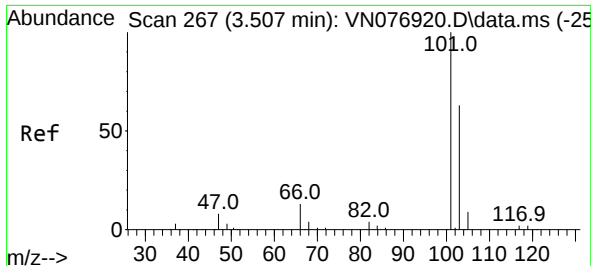
Reviewed By :John Carlone 03/14/2023
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#6
Chloroethane
Concen: 15.567 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.006 min
Lab File: VN076954.D
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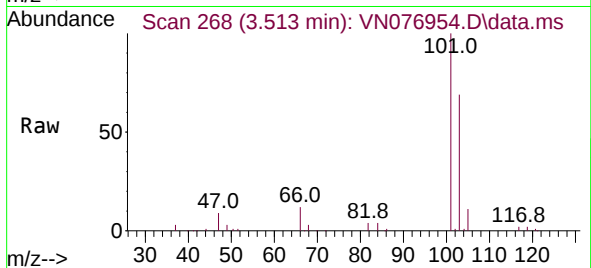
Tgt Ion: 64 Resp: 37435
Ion Ratio Lower Upper
64 100
66 36.1 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 17.268 ug/l
 RT: 3.513 min Scan# 268
 Delta R.T. 0.006 min
 Lab File: VN076954.D
 Acq: 13 Mar 2023 12:07

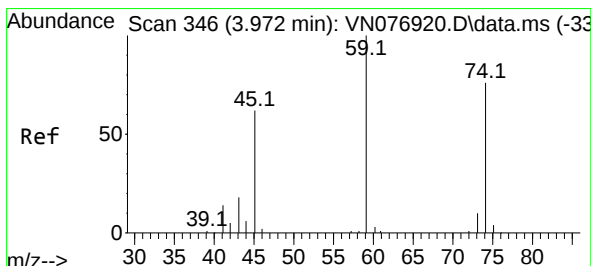
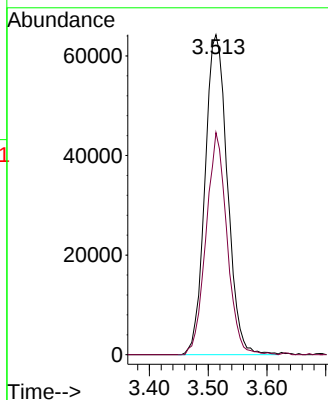
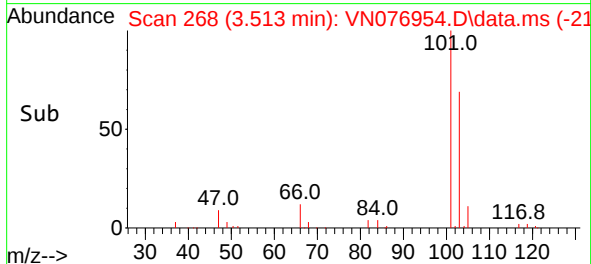
Instrument :
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Tgt Ion:101 Resp: 169720
 Ion Ratio Lower Upper
 101 100
 103 69.4 53.4 80.0

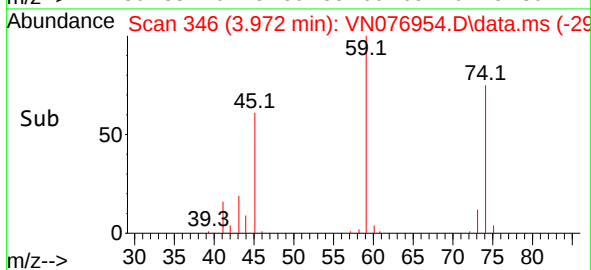
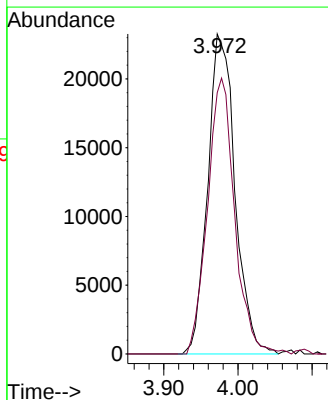
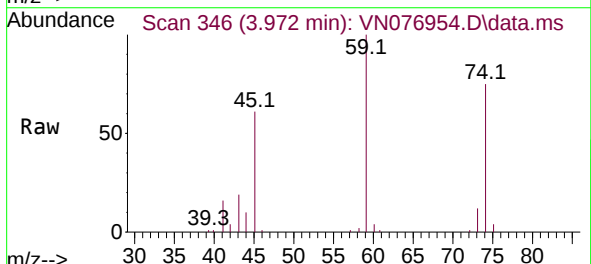
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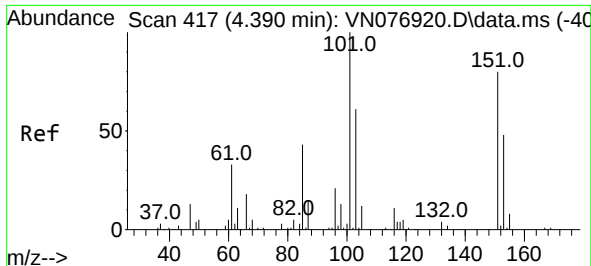
Reviewed By :John Carlone 03/14/2023
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#8
 Diethyl Ether
 Concen: 18.860 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. -0.000 min
 Lab File: VN076954.D
 Acq: 13 Mar 2023 12:07

Tgt Ion: 74 Resp: 59642
 Ion Ratio Lower Upper
 74 100
 45 85.6 35.5 106.5





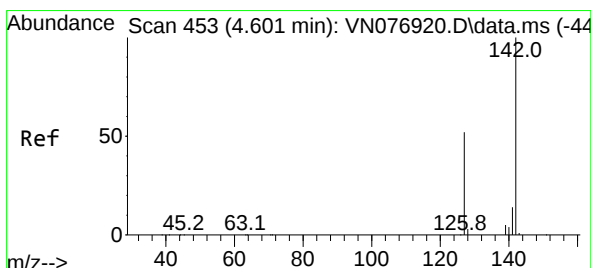
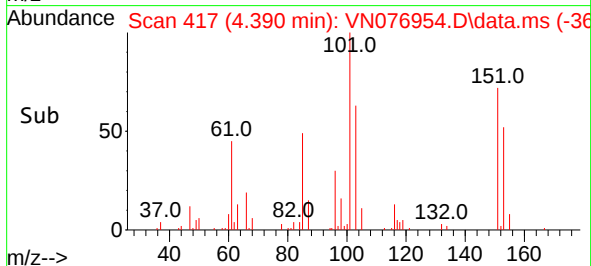
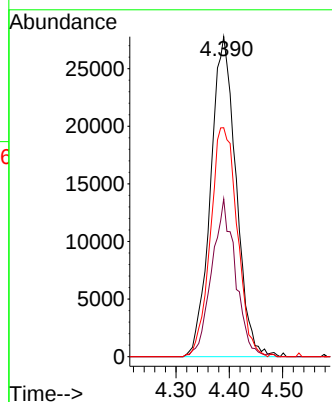
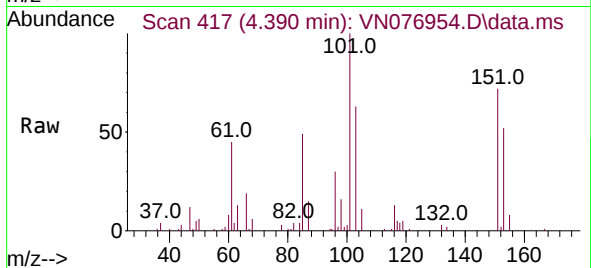
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.381 ug/l
RT: 4.390 min Scan# 417
Delta R.T. -0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

Tgt Ion:101 Resp: 92300
Ion Ratio Lower Upper
101 100
85 45.8 35.2 52.8
151 75.0 58.9 88.3

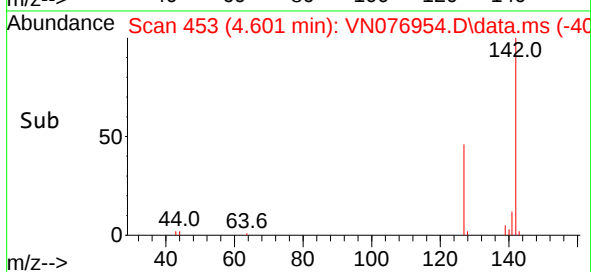
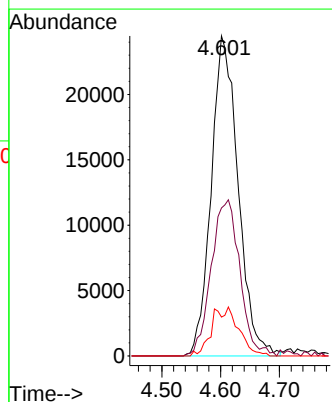
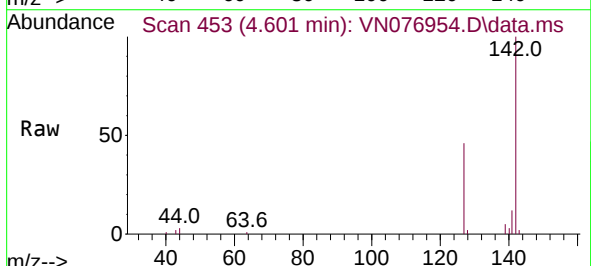
Manual Integrations
APPROVED

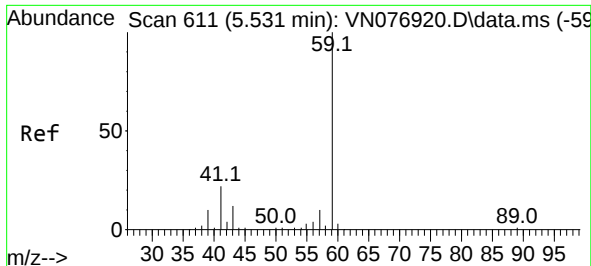
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#10
Methyl Iodide
Concen: 14.801 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

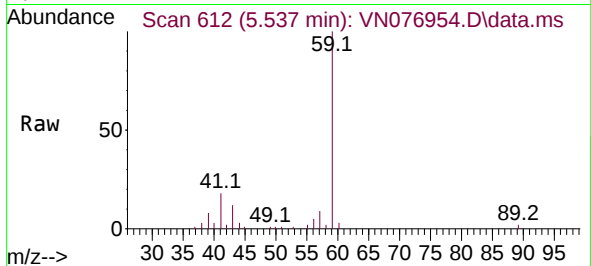
Tgt Ion:142 Resp: 77794
Ion Ratio Lower Upper
142 100
127 46.2 35.2 52.8
141 12.2 10.2 15.2





#11
Tert butyl alcohol
Concen: 103.906 ug/l
RT: 5.537 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

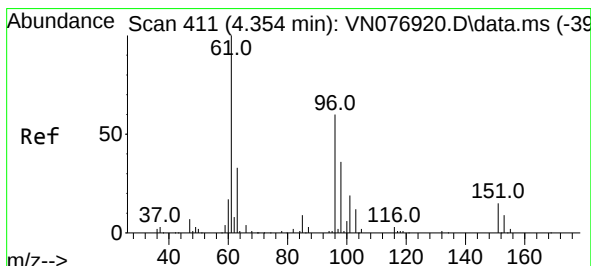
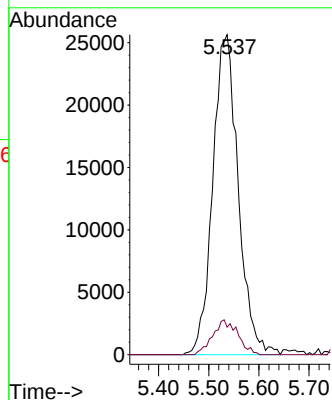
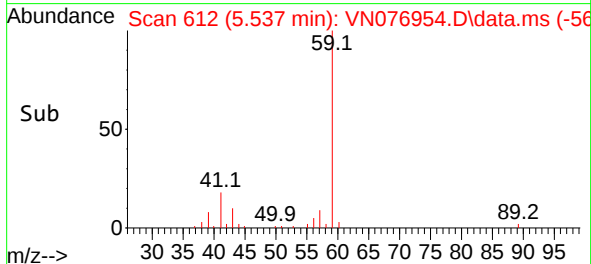
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



Tgt Ion: 59 Resp: 9031
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

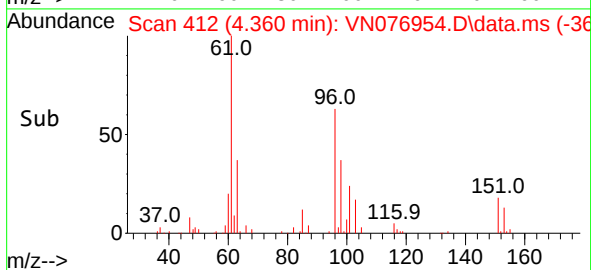
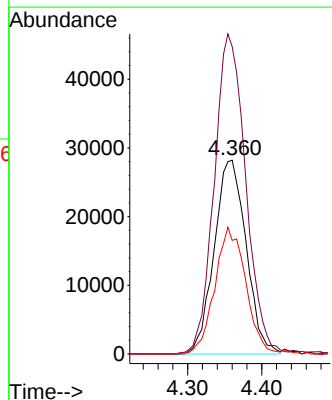
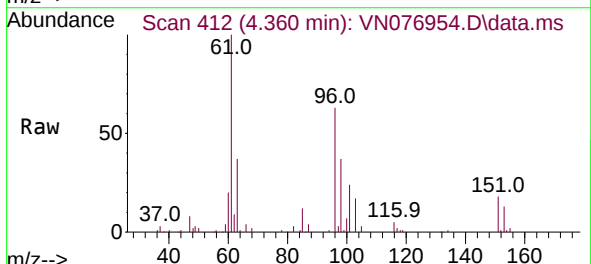
Manual Integrations
APPROVED

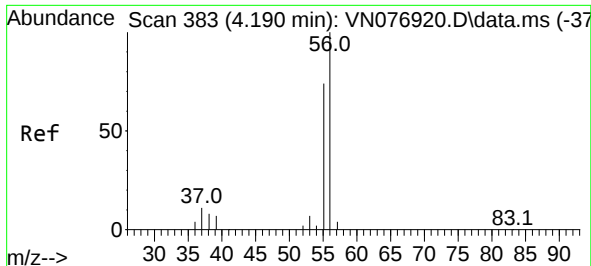
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#12
1,1-Dichloroethene
Concen: 18.237 ug/l
RT: 4.360 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

Tgt Ion: 96 Resp: 84403
Ion Ratio Lower Upper
96 100
61 158.0 121.3 181.9
98 58.6 52.1 78.1





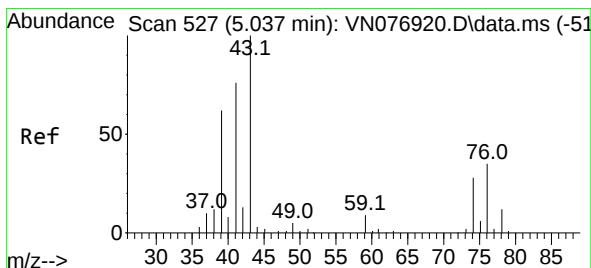
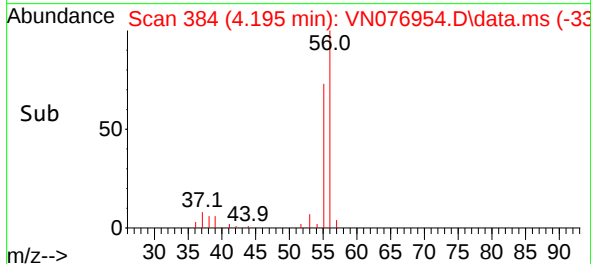
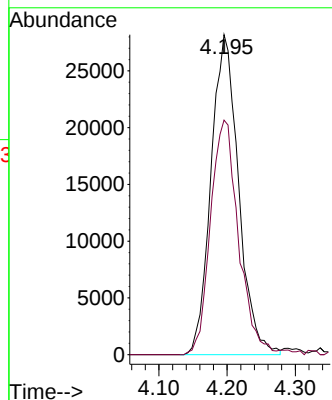
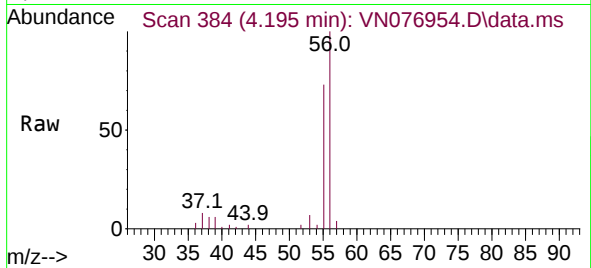
#13
Acrolein
Concen: 101.511 ug/l
RT: 4.195 min Scan# 383
Delta R.T. 0.005 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

Tgt Ion: 56 Resp: 7930
Ion Ratio Lower Upper
56 100
55 74.4 56.7 85.1

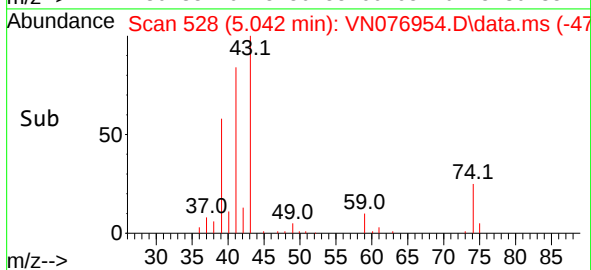
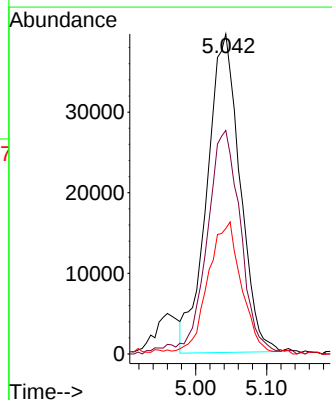
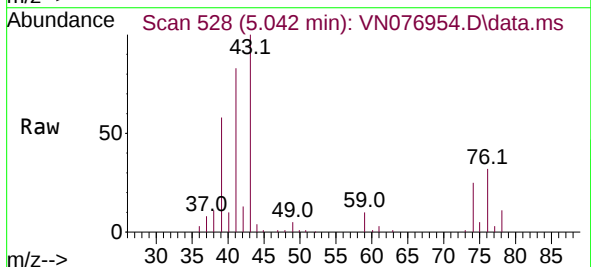
Manual Integrations
APPROVED

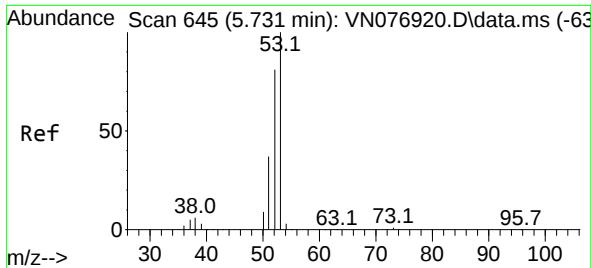
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#14
Allyl chloride
Concen: 19.172 ug/l
RT: 5.042 min Scan# 528
Delta R.T. 0.005 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

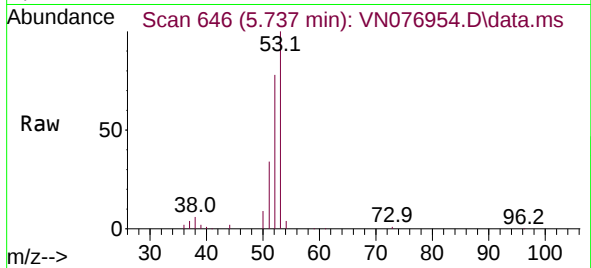
Tgt Ion: 41 Resp: 127288
Ion Ratio Lower Upper
41 100
39 71.3 68.1 102.1
76 40.1 44.1 66.1#





#15
Acrylonitrile
Concen: 105.070 ug/l
RT: 5.737 min Scan# 645
Delta R.T. 0.006 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

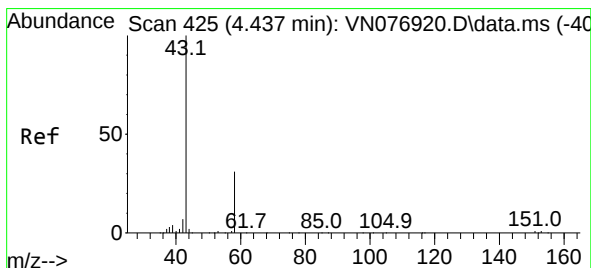
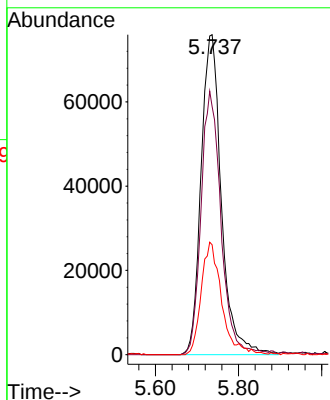
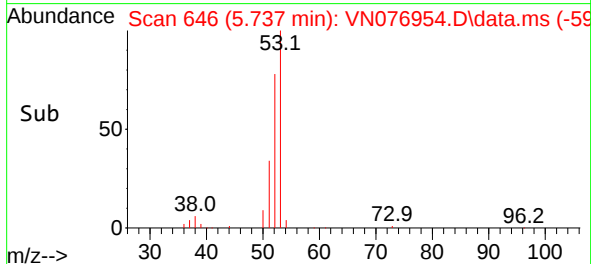
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



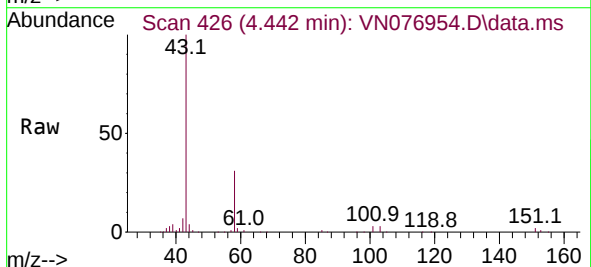
Tgt Ion: 53 Resp: 258100
Ion Ratio Lower Upper
53 100
52 80.7 65.3 97.9
51 35.3 28.8 43.2

Manual Integrations
APPROVED

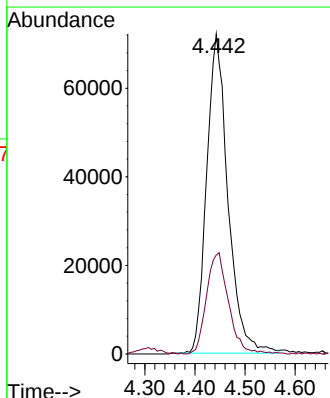
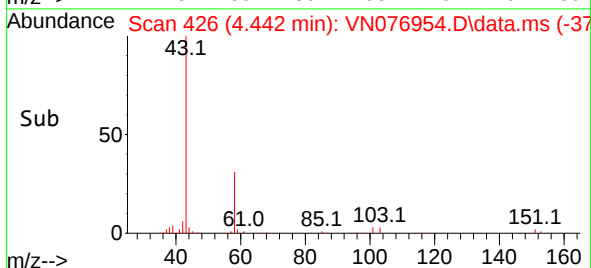
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

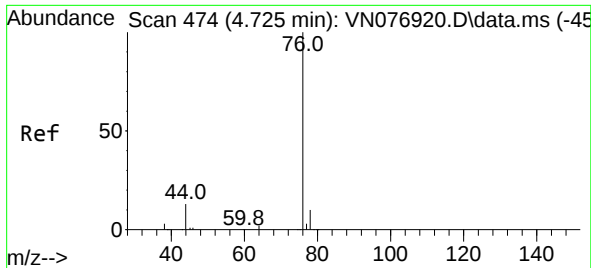


#16
Acetone
Concen: 98.136 ug/l
RT: 4.442 min Scan# 426
Delta R.T. 0.005 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07



Tgt Ion: 43 Resp: 212473
Ion Ratio Lower Upper
43 100
58 31.0 28.2 42.2





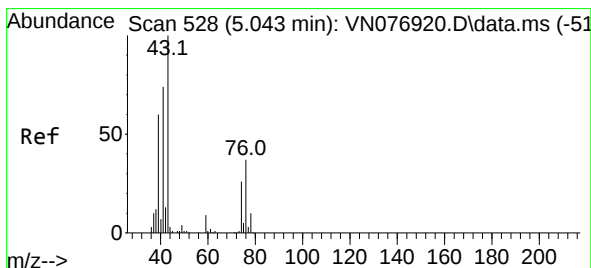
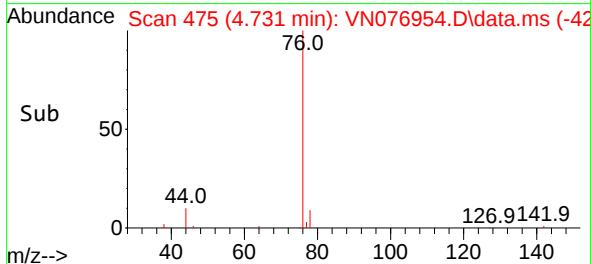
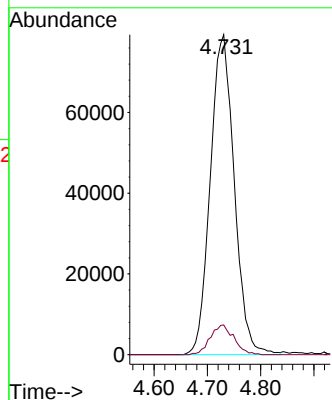
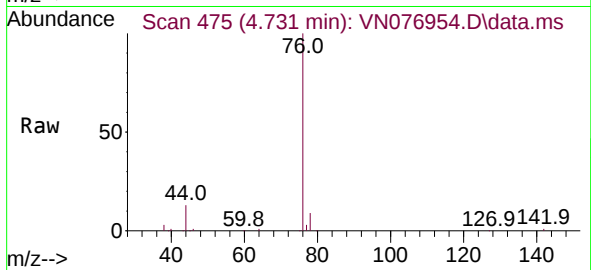
#17
Carbon Disulfide
Concen: 19.307 ug/l
RT: 4.731 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

Tgt Ion: 76 Resp: 247524
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.8

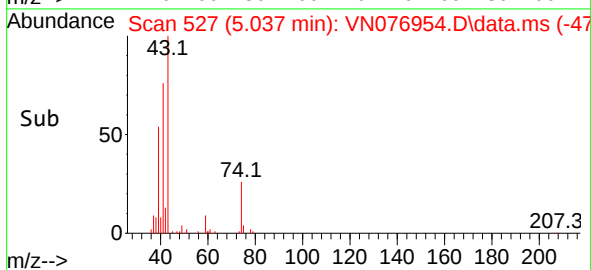
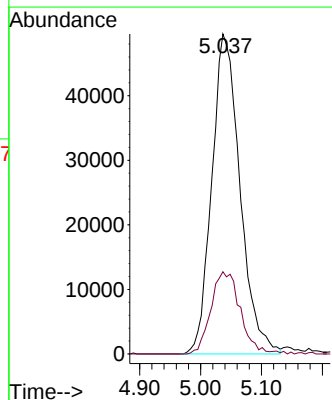
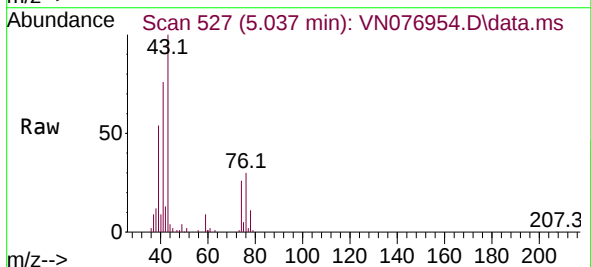
Manual Integrations
APPROVED

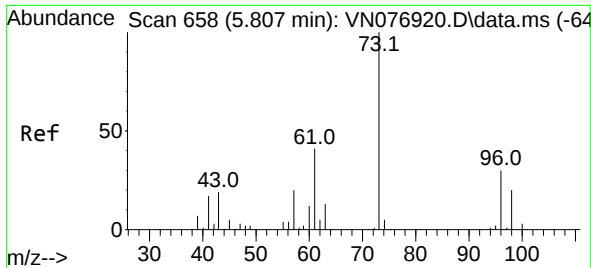
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#18
Methyl Acetate
Concen: 19.957 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

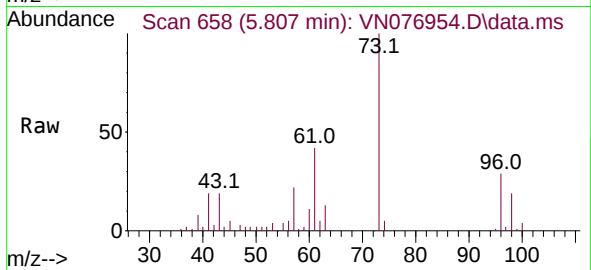
Tgt Ion: 43 Resp: 159351
Ion Ratio Lower Upper
43 100
74 26.8 25.9 38.9





#19
Methyl tert-butyl Ether
Concen: 20.421 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

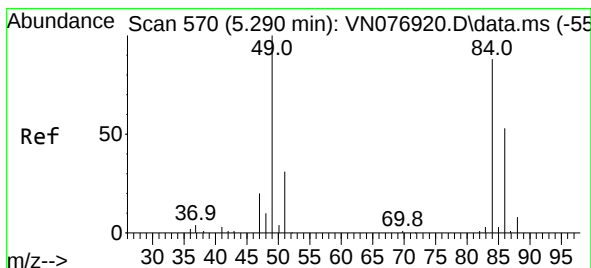
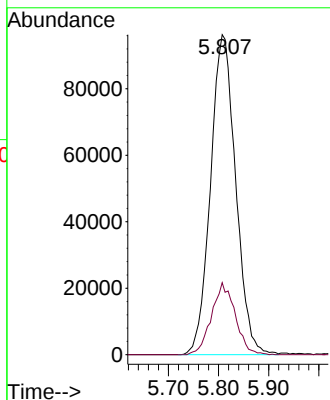
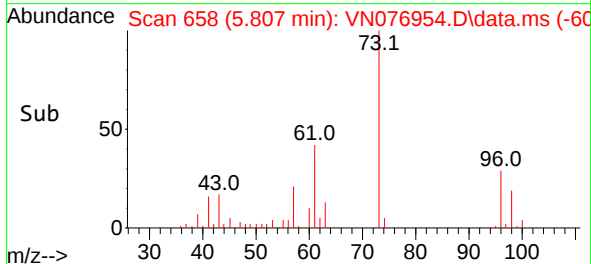
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



Tgt Ion: 73 Resp: 336062
Ion Ratio Lower Upper
73 100
57 22.5 16.1 24.1

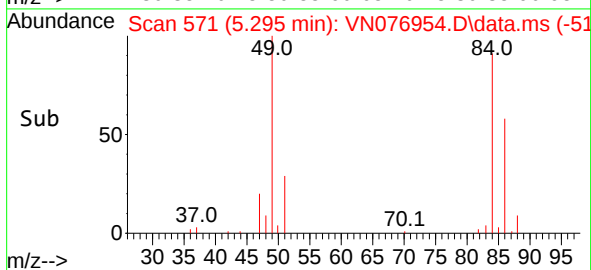
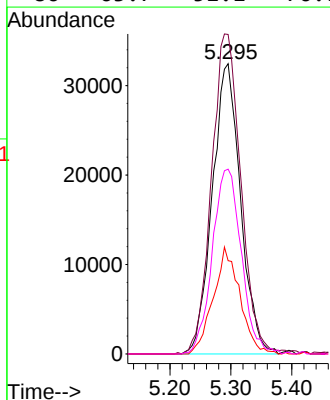
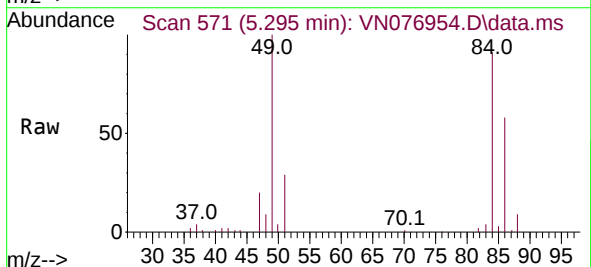
Manual Integrations
APPROVED

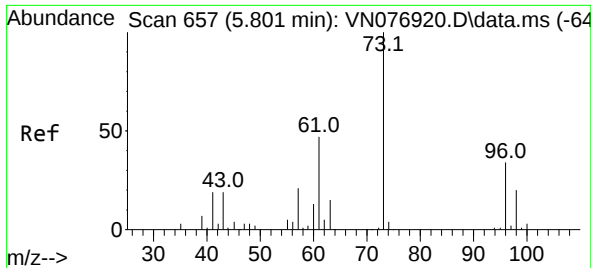
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#20
Methylene Chloride
Concen: 18.779 ug/l
RT: 5.295 min Scan# 571
Delta R.T. 0.005 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

Tgt Ion: 84 Resp: 104543
Ion Ratio Lower Upper
84 100
49 109.6 76.6 114.8
51 32.2 25.4 38.2
86 63.7 51.1 76.7





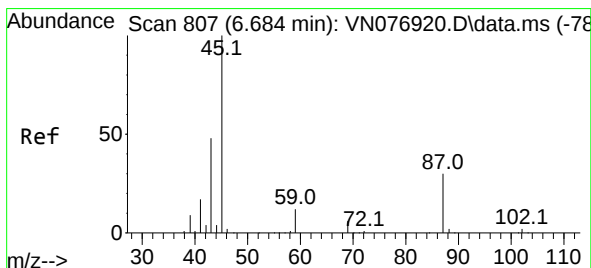
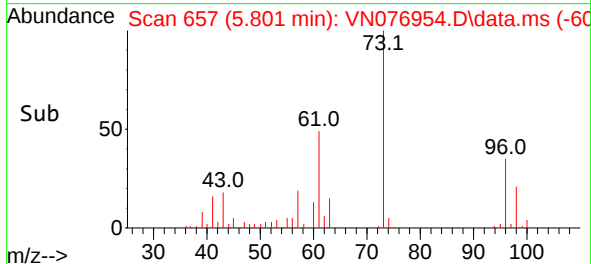
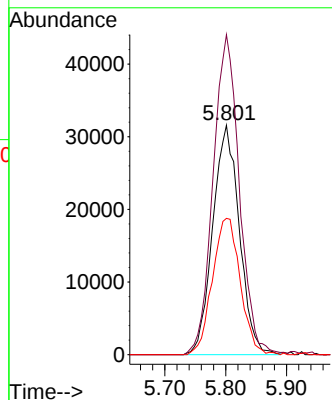
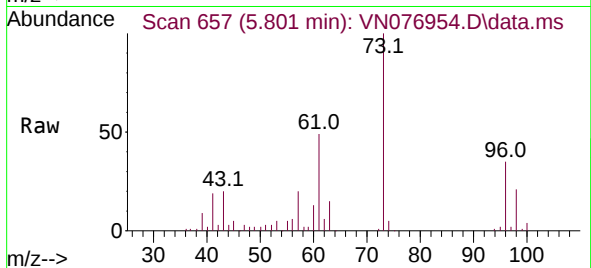
#21
trans-1,2-Dichloroethene
Concen: 19.564 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

Tgt Ion: 96 Resp: 9598
Ion Ratio Lower Upper
96 100
61 139.5 95.0 142.6
98 59.4 54.5 81.7

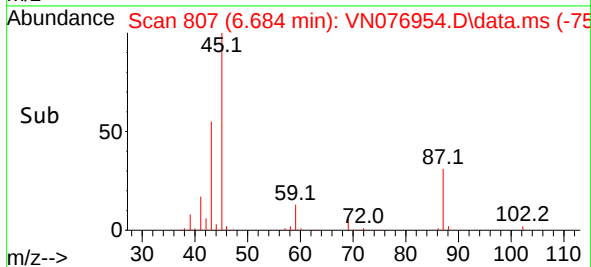
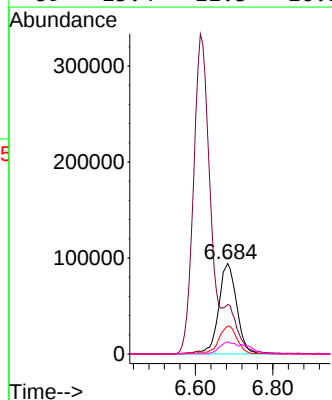
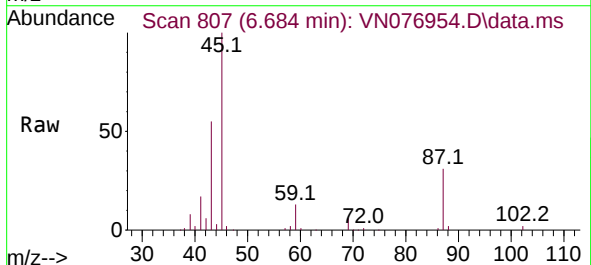
Manual Integrations
APPROVED

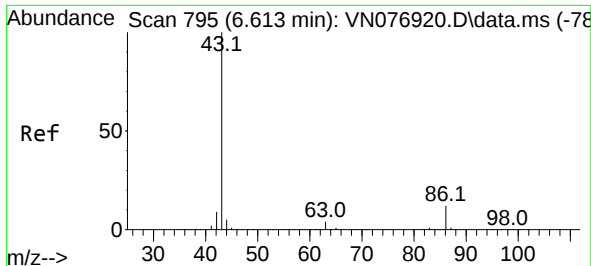
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#22
Diisopropyl ether
Concen: 20.751 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

Tgt Ion: 45 Resp: 304804
Ion Ratio Lower Upper
45 100
43 53.9 42.6 63.8
87 30.9 29.7 44.5
59 13.4 11.3 16.9





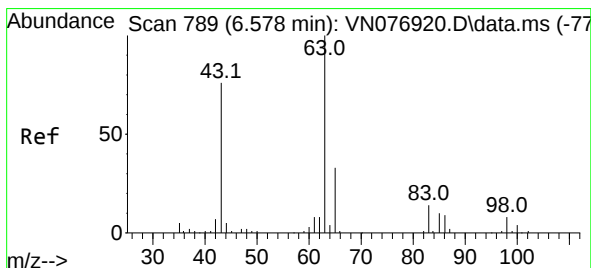
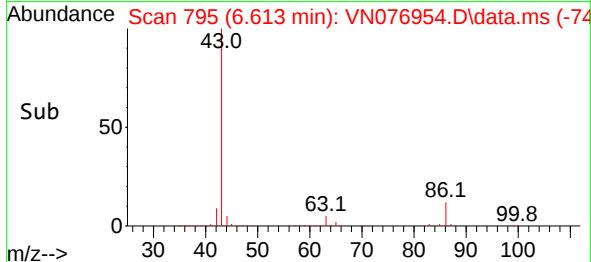
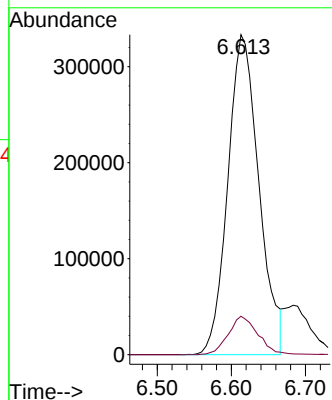
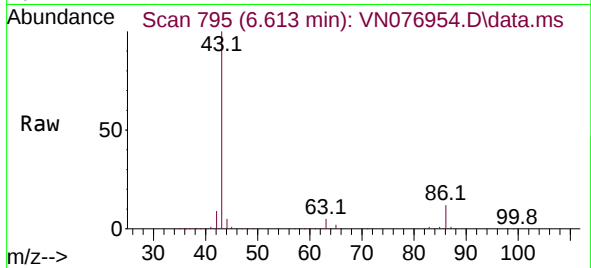
#23
 Vinyl Acetate
 Concen: 107.451 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN076954.D
 Acq: 13 Mar 2023 12:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0313WBSD01

Tgt Ion: 43 Resp: 971940
 Ion Ratio Lower Upper
 43 100
 86 12.0 11.8 17.6

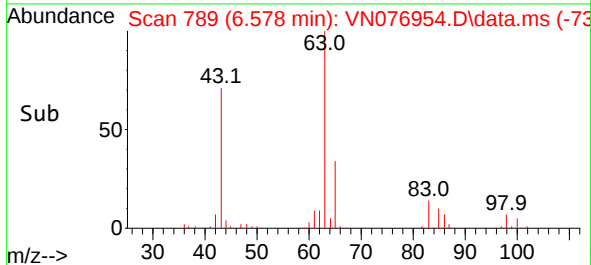
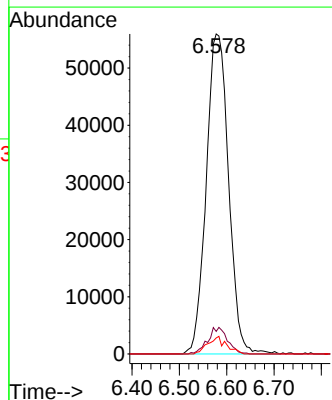
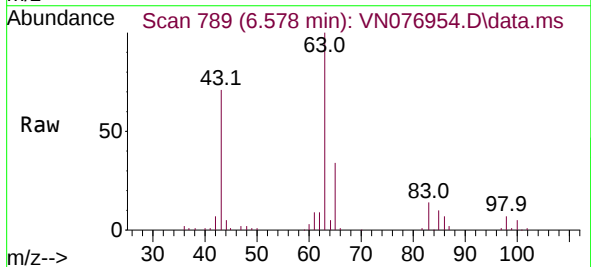
Manual Integrations
 APPROVED

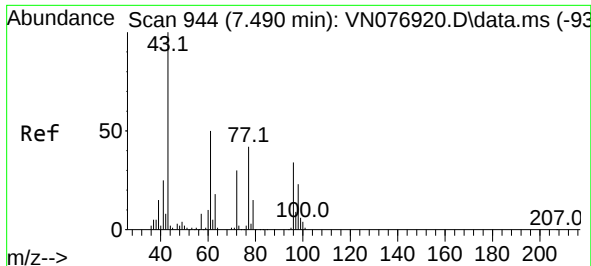
Reviewed By :John Carlone 03/14/2023
 Supervised By :Mahesh Dadoda 03/14/2023



#24
 1,1-Dichloroethane
 Concen: 19.549 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076954.D
 Acq: 13 Mar 2023 12:07

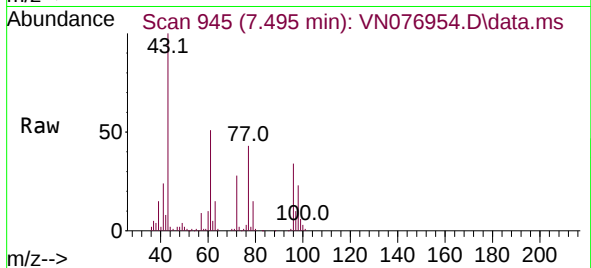
Tgt Ion: 63 Resp: 183421
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.2 12.6
 100 5.0 2.2 6.6





#25
2-Butanone
Concen: 104.027 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

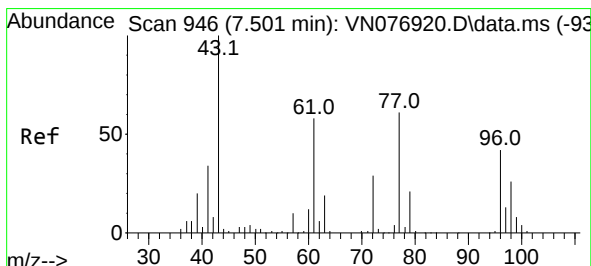
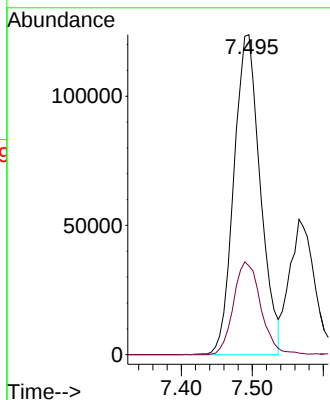
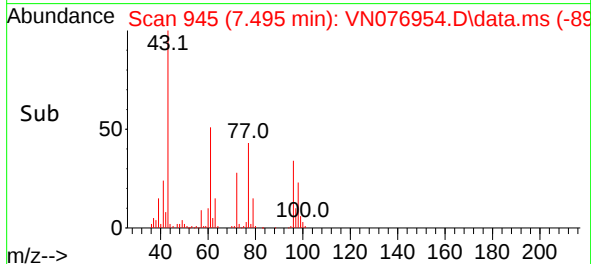
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



Tgt Ion: 43 Resp: 320329
Ion Ratio Lower Upper
43 100
72 27.7 28.8 43.2

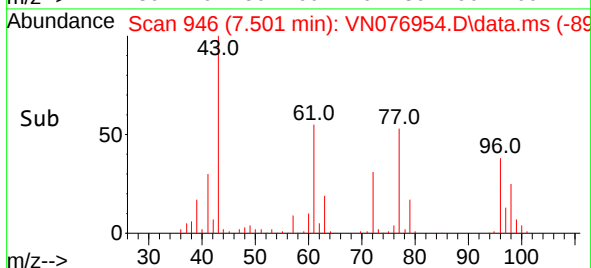
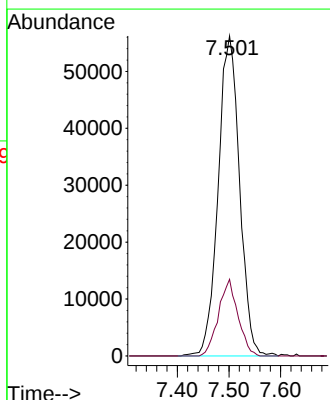
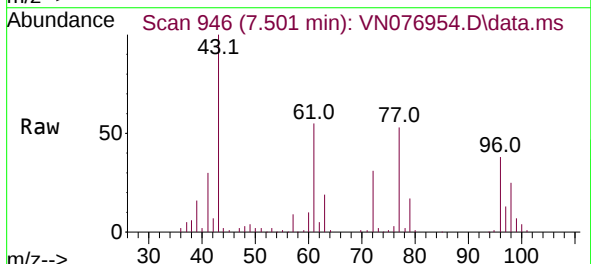
Manual Integrations
APPROVED

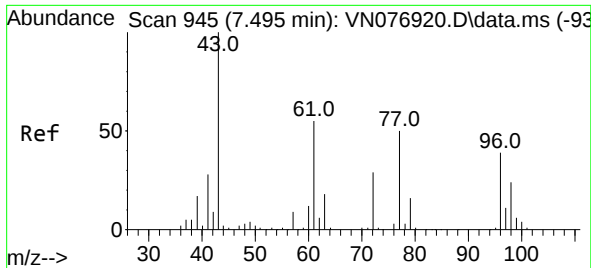
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#26
2,2-Dichloropropane
Concen: 19.494 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

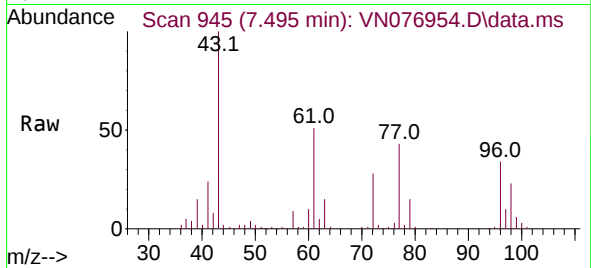
Tgt Ion: 77 Resp: 161859
Ion Ratio Lower Upper
77 100
97 21.8 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 19.550 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

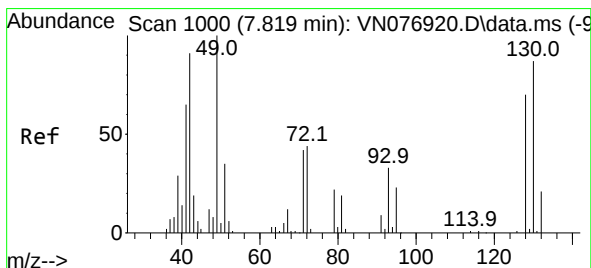
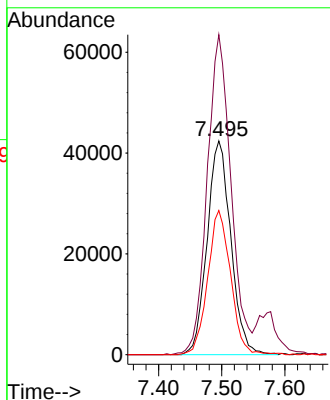
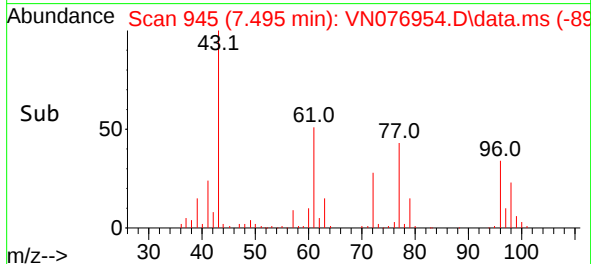
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



Tgt Ion: 96 Resp: 11068
Ion Ratio Lower Upper
96 100
61 150.4 0.0 255.6
98 65.3 0.0 127.4

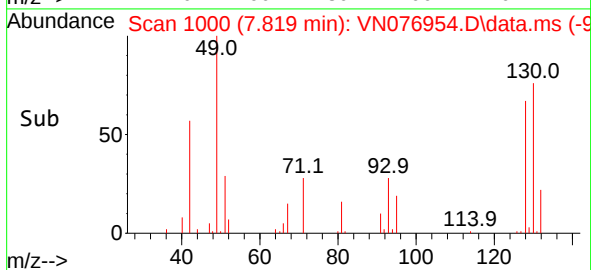
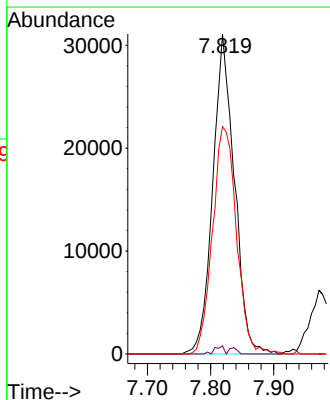
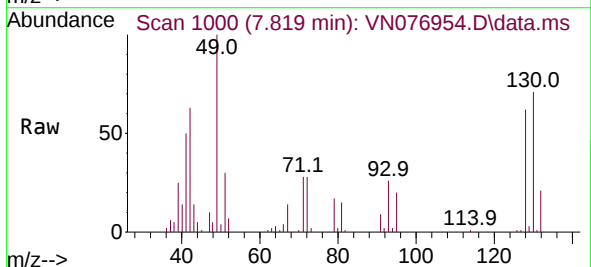
Manual Integrations
APPROVED

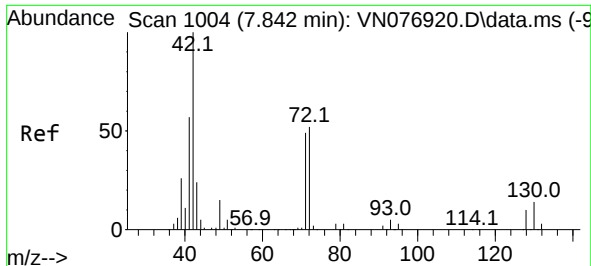
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#28
Bromochloromethane
Concen: 21.687 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

Tgt Ion: 49 Resp: 73604
Ion Ratio Lower Upper
49 100
129 1.0 0.0 4.6
130 79.0 74.8 112.2





#29

Tetrahydrofuran

Concen: 108.839 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN076954.D

Acq: 13 Mar 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBSD01

Tgt Ion: 42 Resp: 20773

Ion Ratio Lower Upper

42 100

72 50.5 48.6 73.0

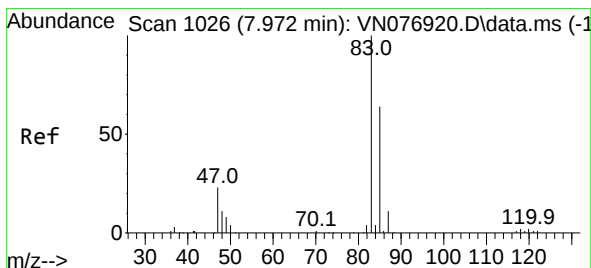
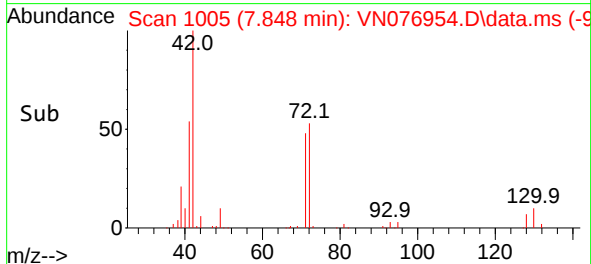
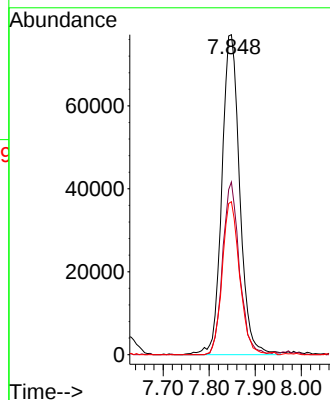
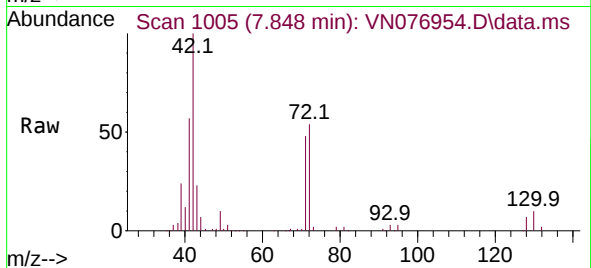
71 46.4 45.1 67.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/14/2023



#30

Chloroform

Concen: 19.391 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN076954.D

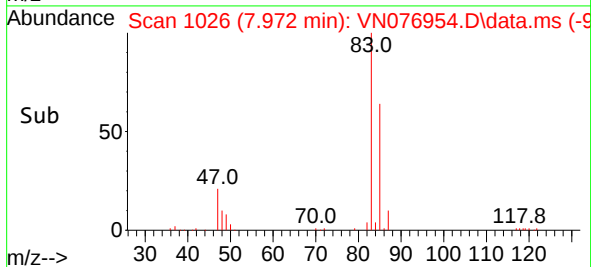
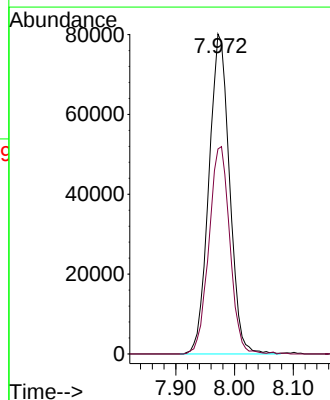
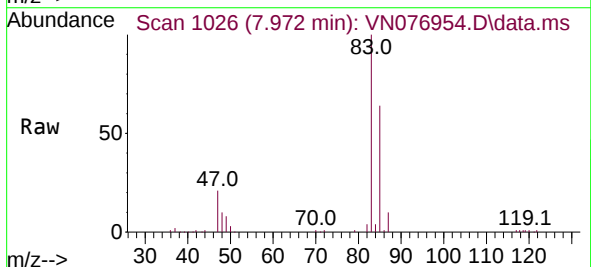
Acq: 13 Mar 2023 12:07

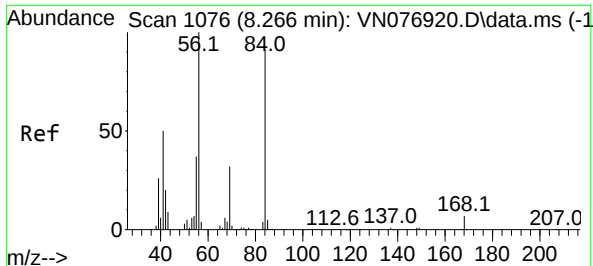
Tgt Ion: 83 Resp: 195484

Ion Ratio Lower Upper

83 100

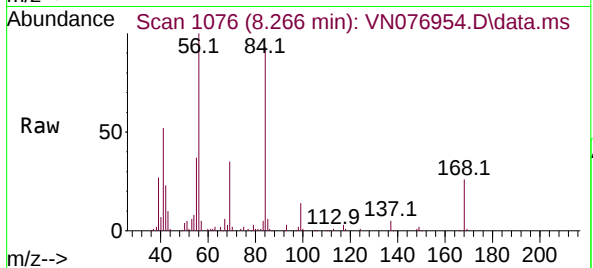
85 64.1 51.3 76.9





#31
Cyclohexane
Concen: 18.918 ug/l
RT: 8.266 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

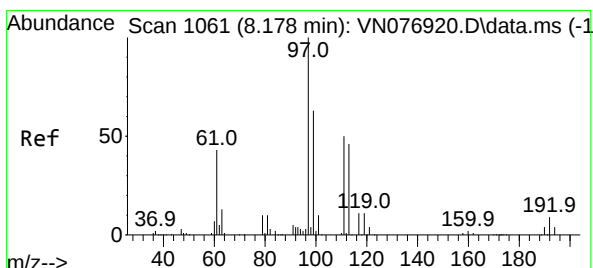
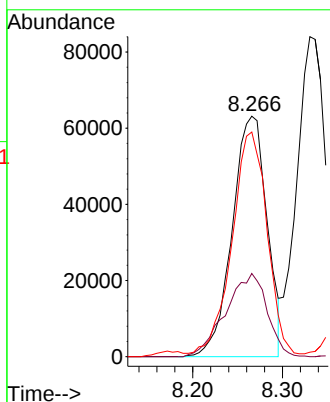
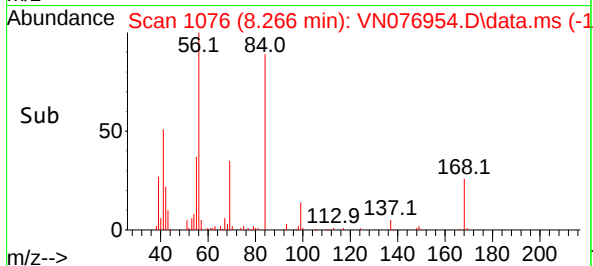
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



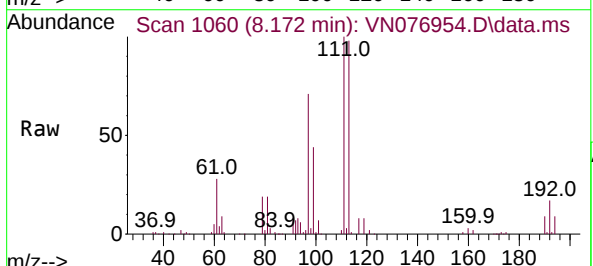
Tgt Ion: 56 Resp: 169594
Ion Ratio Lower Upper
56 100
69 34.6 27.0 40.6
84 91.3 82.9 124.3

Manual Integrations
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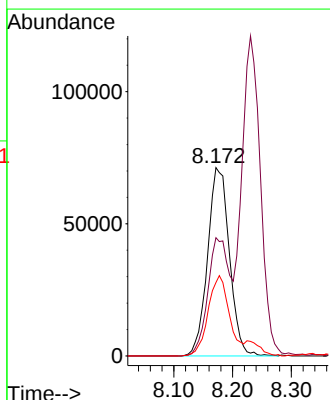
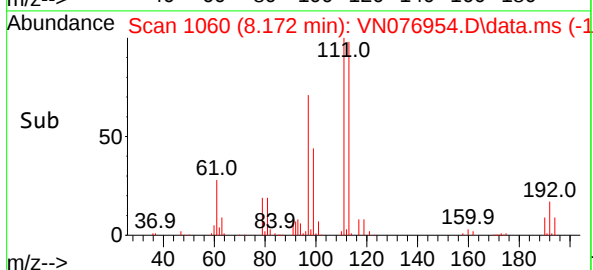
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

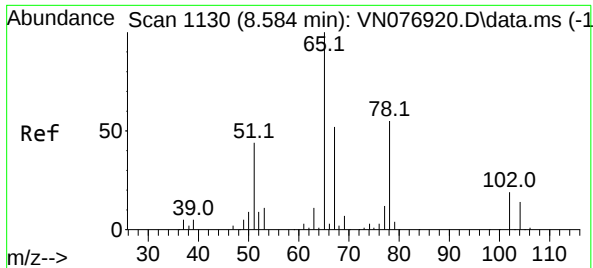


#32
1,1,1-Trichloroethane
Concen: 19.479 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07



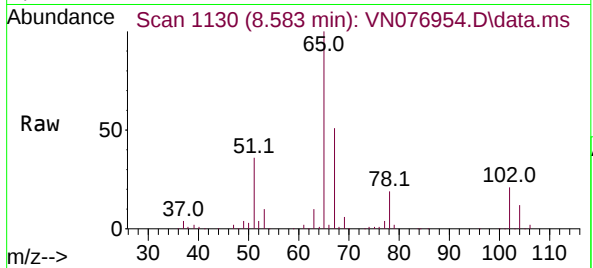
Tgt Ion: 97 Resp: 184106
Ion Ratio Lower Upper
97 100
99 63.4 51.2 76.8
61 41.5 35.7 53.5





#33
1,2-Dichloroethane-d4
Concen: 49.601 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

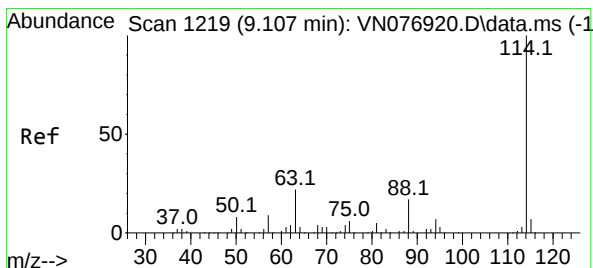
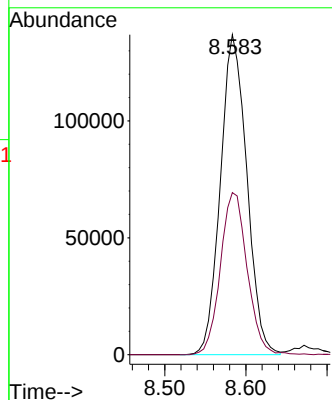
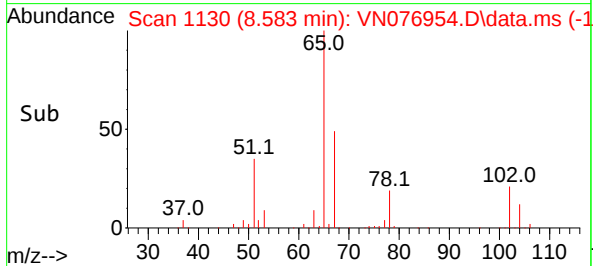
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



Tgt Ion: 65 Resp: 30991
Ion Ratio Lower Upper
65 100
67 51.4 0.0 107.2

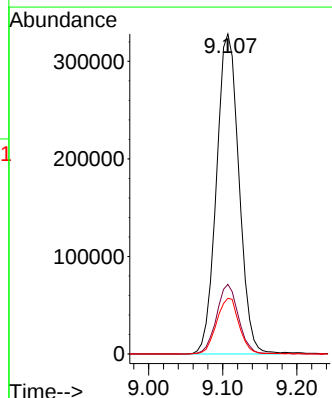
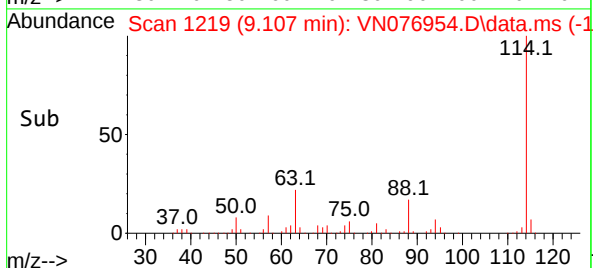
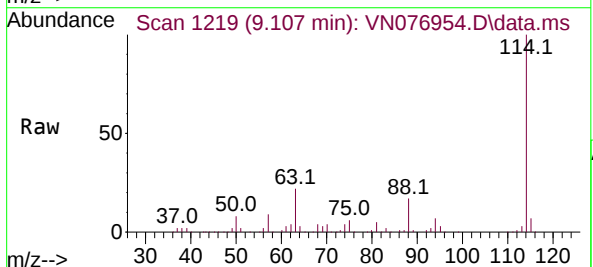
Manual Integrations
APPROVED

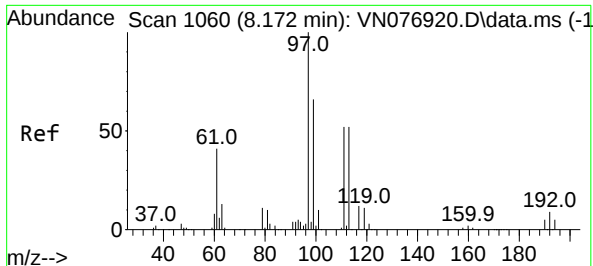
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

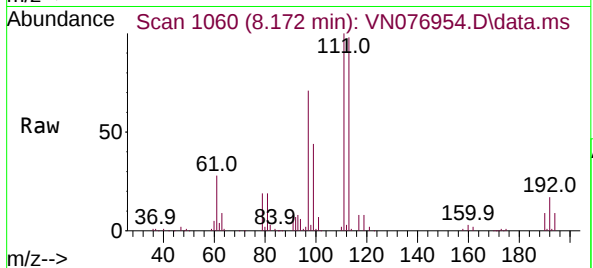
Tgt Ion:114 Resp: 691811
Ion Ratio Lower Upper
114 100
63 21.8 0.0 36.6
88 17.4 0.0 28.6





#35
Dibromofluoromethane
Concen: 51.449 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

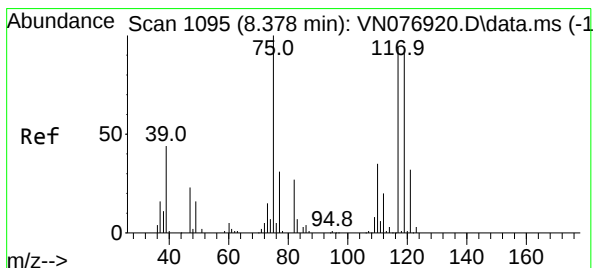
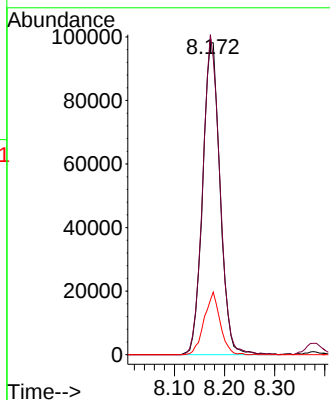
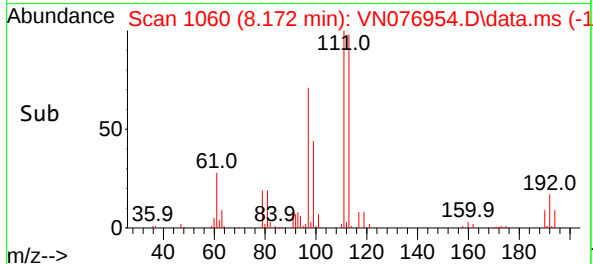
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



Tgt Ion: 113 Resp: 237214
Ion Ratio Lower Upper
113 100
111 100.8 81.8 122.8
192 18.4 13.9 20.9

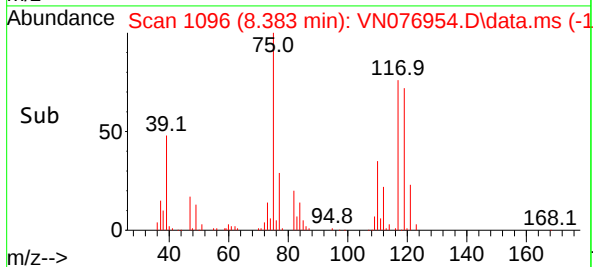
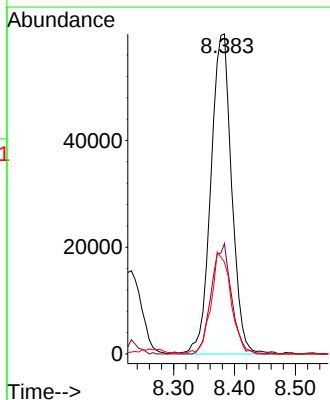
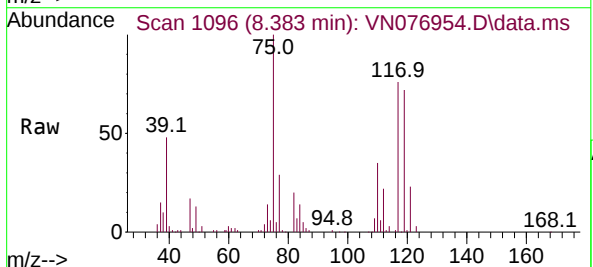
Manual Integrations
APPROVED

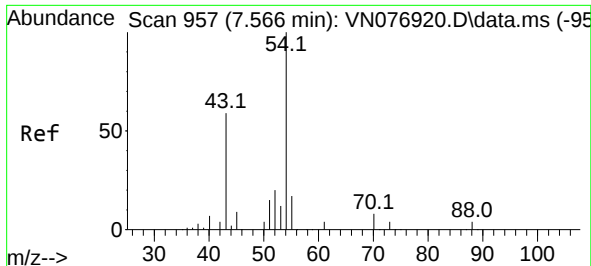
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#36
1,1-Dichloropropene
Concen: 19.944 ug/l
RT: 8.383 min Scan# 1096
Delta R.T. 0.005 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

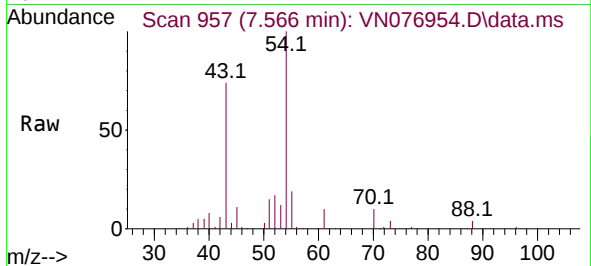
Tgt Ion: 75 Resp: 142222
Ion Ratio Lower Upper
75 100
110 33.4 18.9 56.9
77 30.6 24.9 37.3





#37
Ethyl Acetate
Concen: 22.618 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

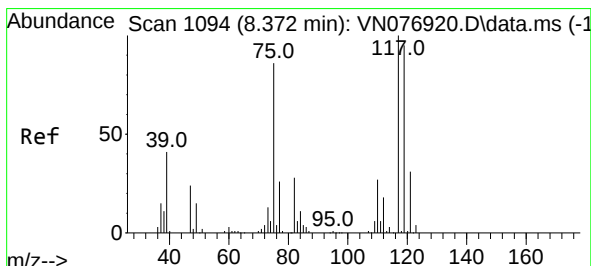
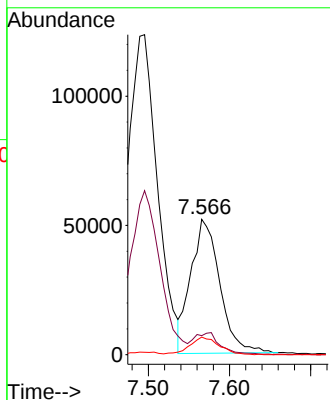
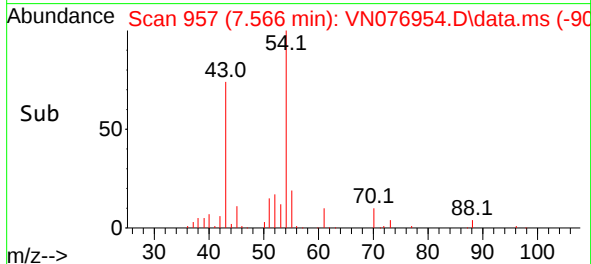
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



Tgt Ion: 43 Resp: 128984
Ion Ratio Lower Upper
43 100
61 14.9 13.5 20.3
70 13.3 11.0 16.6

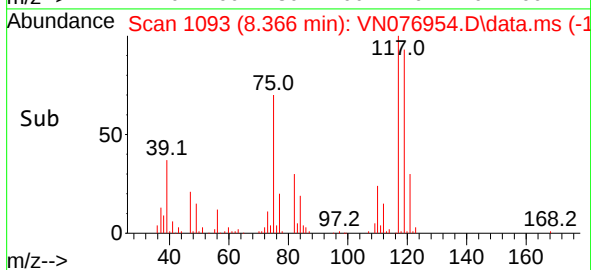
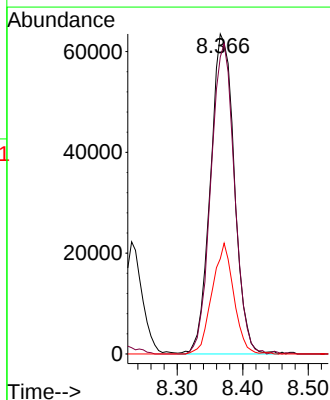
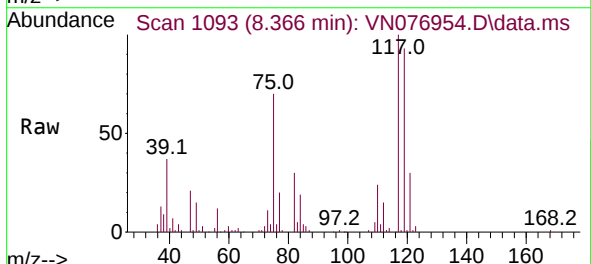
Manual Integrations
APPROVED

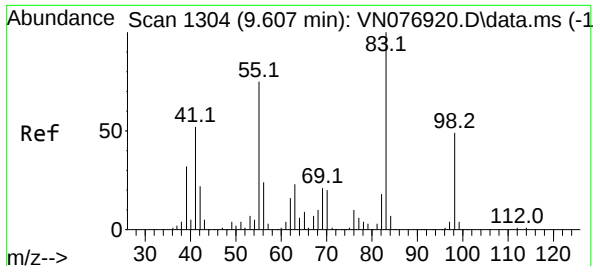
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#38
Carbon Tetrachloride
Concen: 19.242 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

Tgt Ion:117 Resp: 160591
Ion Ratio Lower Upper
117 100
119 92.8 76.9 115.3
121 29.8 23.2 34.8





#39

Methylcyclohexane

Concen: 20.566 ug/l

RT: 9.607 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076954.D

Acq: 13 Mar 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBSD01

Tgt Ion: 83 Resp: 17802

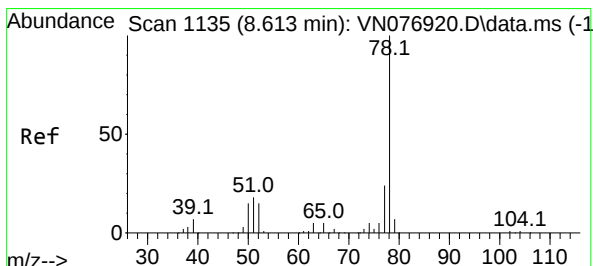
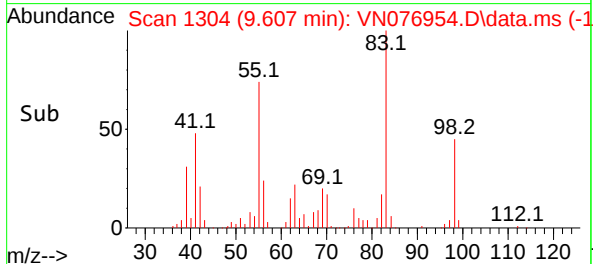
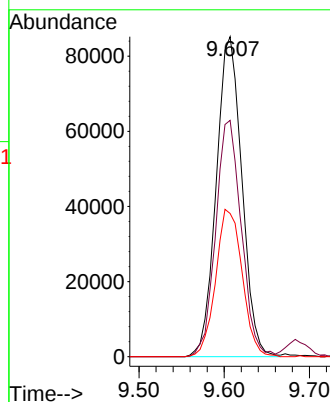
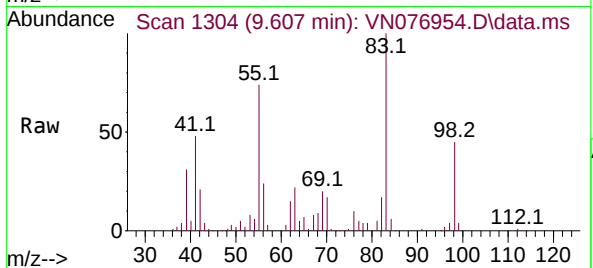
Ion	Ratio	Lower	Upper
83	100		
55	73.9	47.0	70.4
98	44.8	39.4	59.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/14/2023



#40

Benzene

Concen: 20.295 ug/l

RT: 8.613 min Scan# 1135

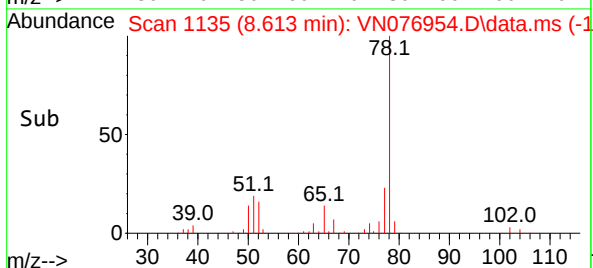
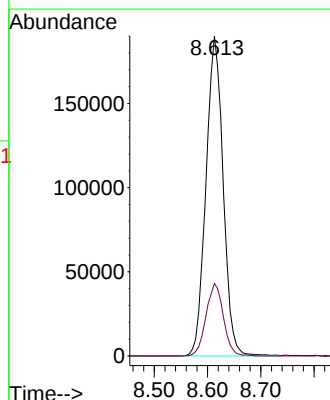
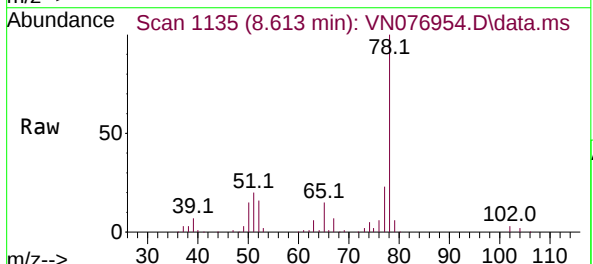
Delta R.T. -0.000 min

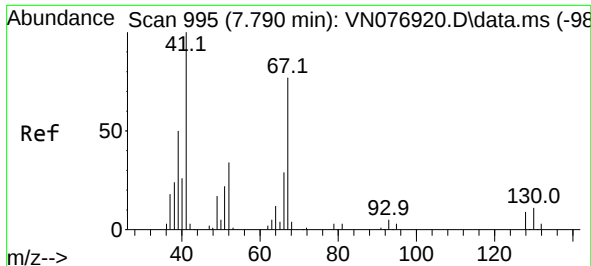
Lab File: VN076954.D

Acq: 13 Mar 2023 12:07

Tgt Ion: 78 Resp: 426591

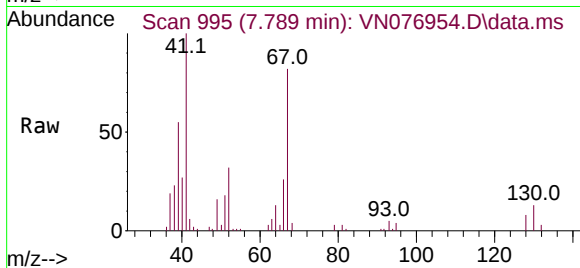
Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.3	28.9





#41
Methacrylonitrile
Concen: 20.818 ug/l
RT: 7.789 min Scan# 995
Delta R.T. -0.001 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

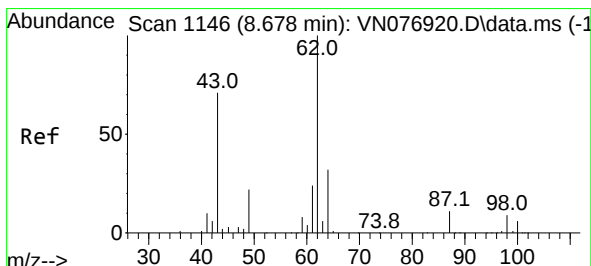
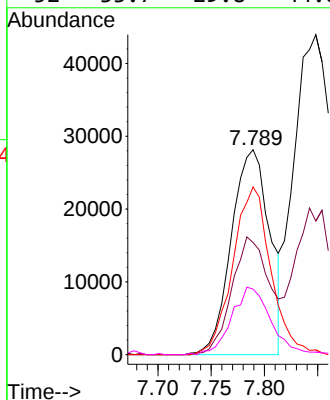
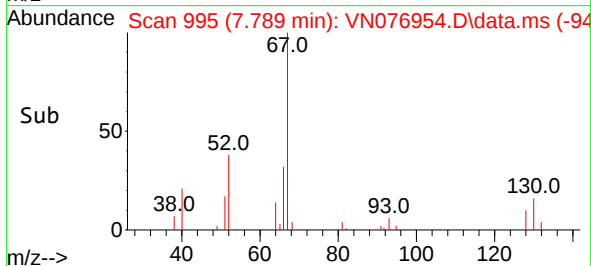
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



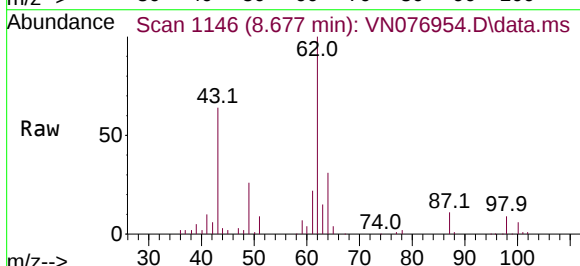
Tgt Ion:	41	Resp:	7064
Ion Ratio	100	Lower	Upper
39	55.7	43.4	65.0
67	81.2	78.6	118.0
52	33.7	29.8	44.8

Manual Integrations
APPROVED

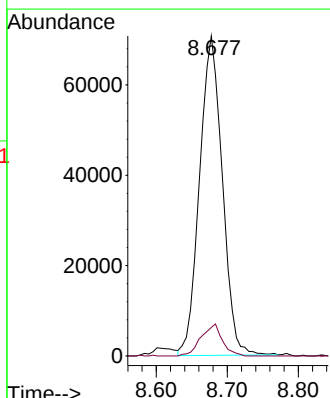
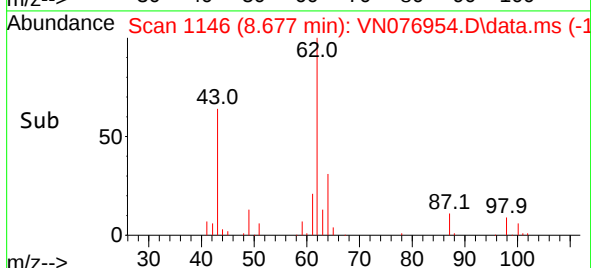
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

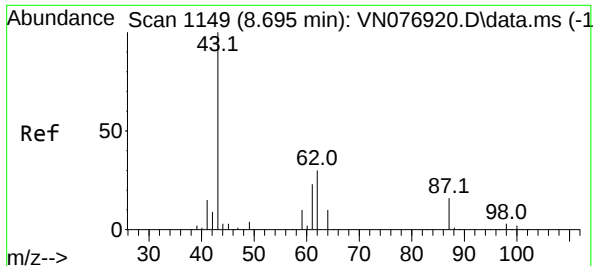


#42
1,2-Dichloroethane
Concen: 19.244 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. -0.001 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07



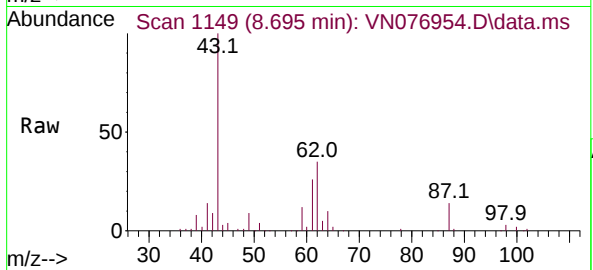
Tgt Ion:	62	Resp:	157775
Ion Ratio	100	Lower	Upper
98	9.3	0.0	21.8





#43
Isopropyl Acetate
Concen: 21.531 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

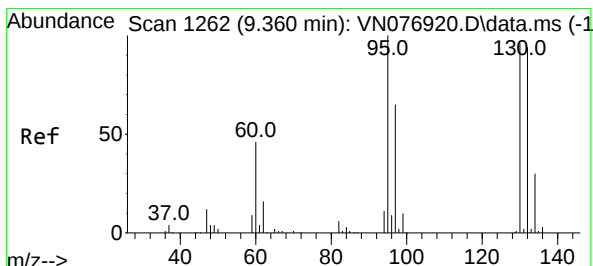
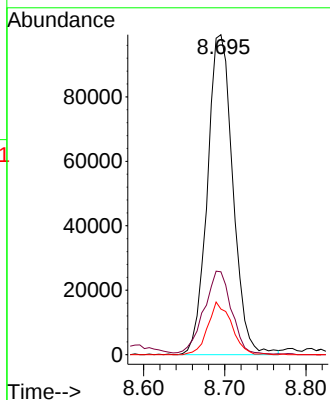
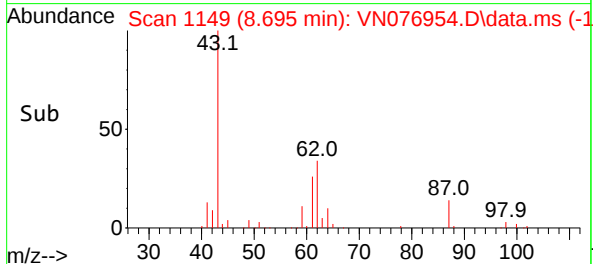
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



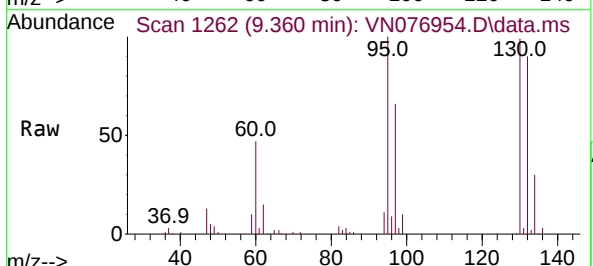
Tgt Ion: 43 Resp: 216752
Ion Ratio Lower Upper
43 100
61 27.9 26.2 39.2
87 15.3 14.8 22.2

Manual Integrations
APPROVED

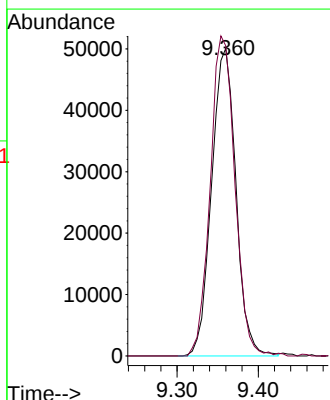
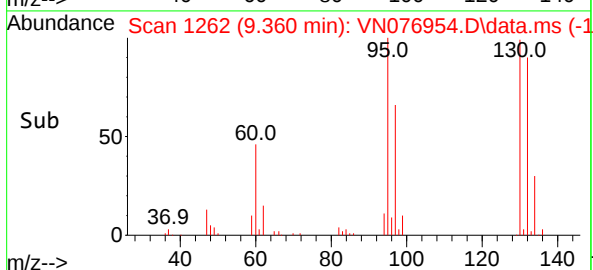
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

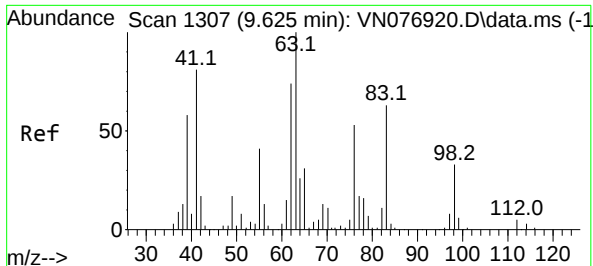


#44
Trichloroethene
Concen: 19.207 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07



Tgt Ion:130 Resp: 104337
Ion Ratio Lower Upper
130 100
95 100.9 0.0 208.6





#45

1,2-Dichloropropane

Concen: 20.473 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. -0.001 min

Lab File: VN076954.D

Acq: 13 Mar 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBSD01

Tgt Ion: 63 Resp: 105879

Ion Ratio Lower Upper

63 100

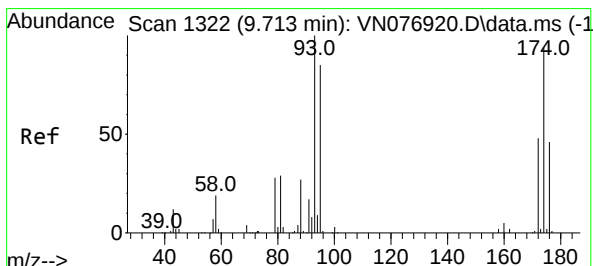
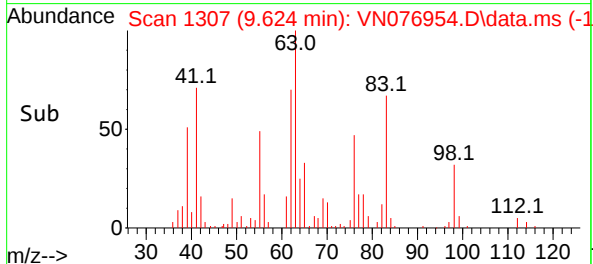
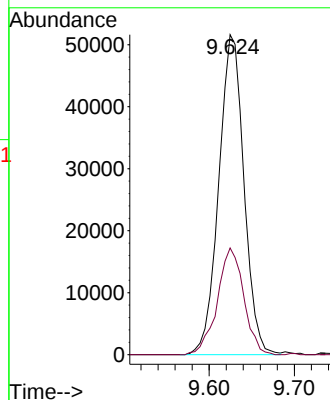
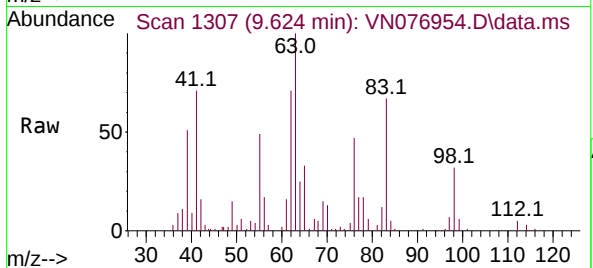
65 33.3 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/14/2023



#46

Dibromomethane

Concen: 20.591 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076954.D

Acq: 13 Mar 2023 12:07

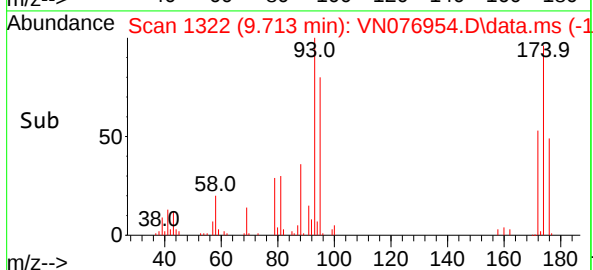
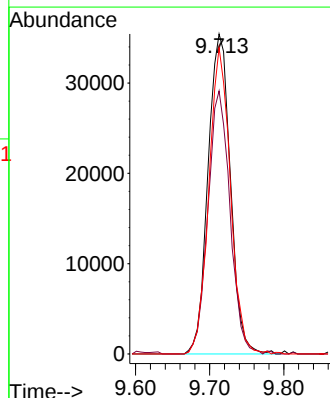
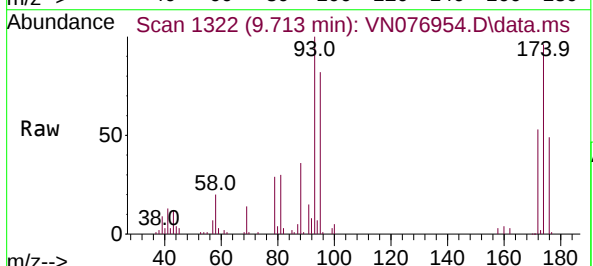
Tgt Ion: 93 Resp: 74371

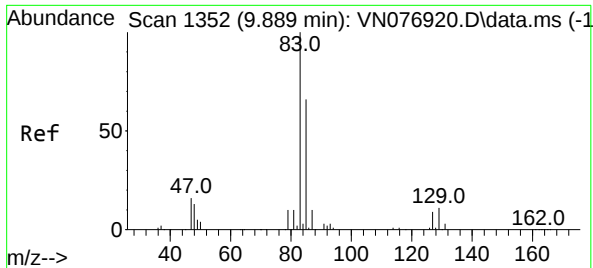
Ion Ratio Lower Upper

93 100

95 80.9 65.7 98.5

174 91.9 69.3 103.9





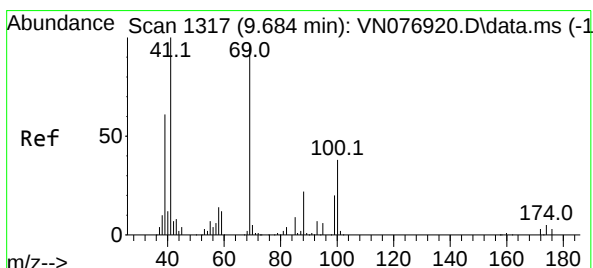
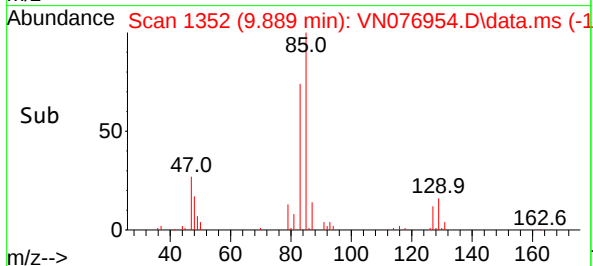
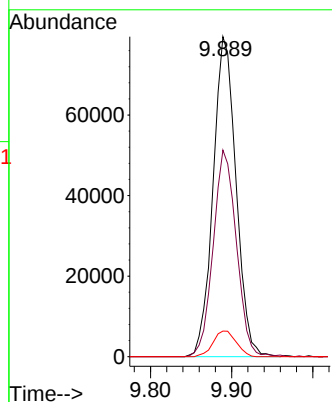
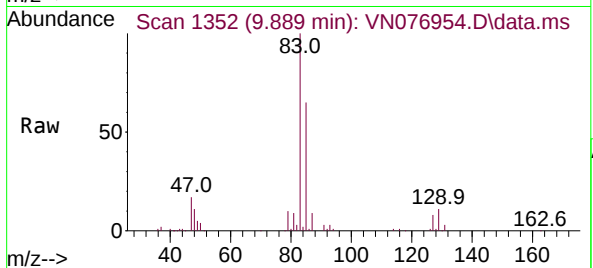
#47
Bromodichloromethane
Concen: 20.374 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

Tgt Ion: 83 Resp: 15611
Ion Ratio Lower Upper
83 100
85 64.6 52.6 78.8
127 8.0 7.0 10.6

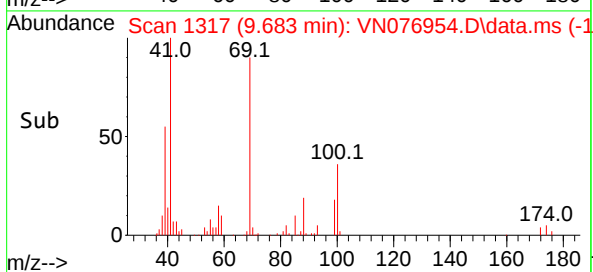
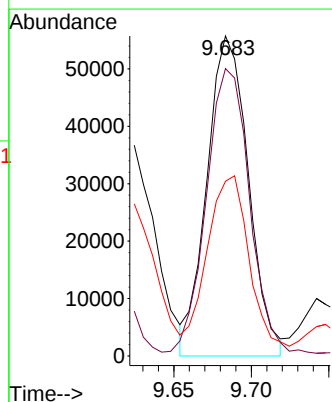
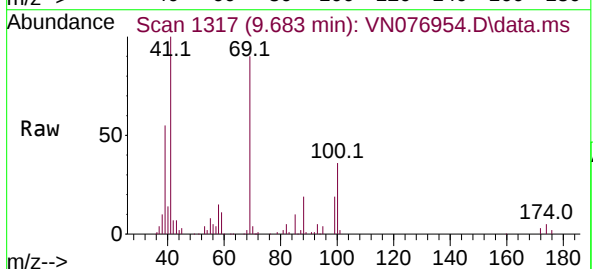
Manual Integrations
APPROVED

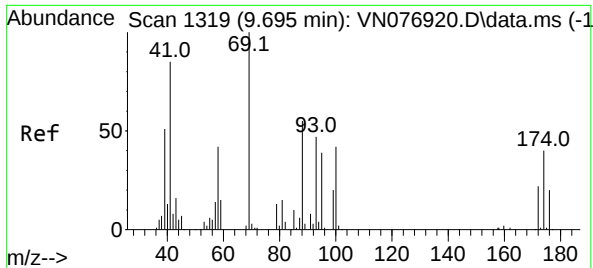
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#48
Methyl methacrylate
Concen: 21.012 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.001 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

Tgt Ion: 41 Resp: 103641
Ion Ratio Lower Upper
41 100
69 95.9 92.6 139.0
39 58.5 51.4 77.0





#49

1,4-Dioxane

Concen: 436.923 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN076954.D

Acq: 13 Mar 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBSD01

Tgt Ion: 88 Resp: 4080

Ion Ratio Lower Upper

88 100

43 24.3 15.3 22.9

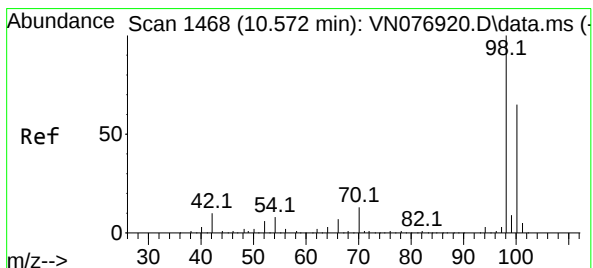
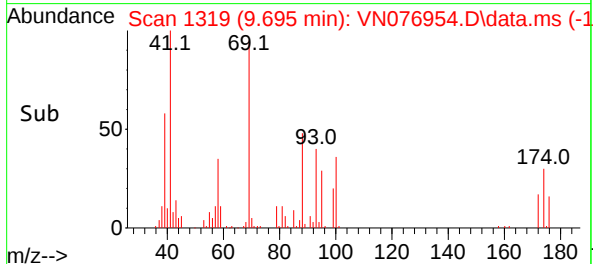
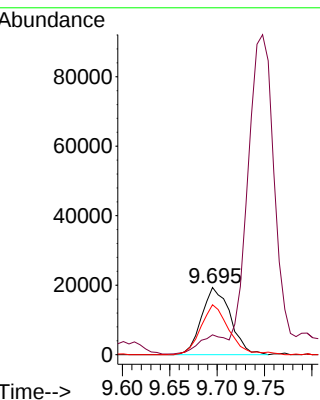
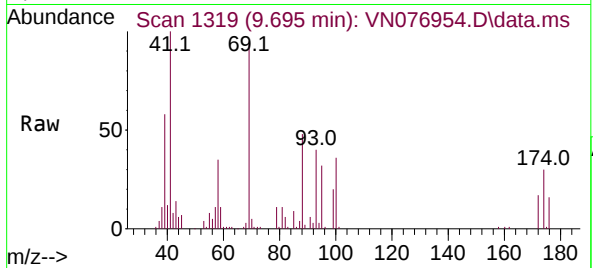
58 72.7 47.6 71.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/14/2023



#50

Toluene-d8

Concen: 52.162 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. -0.001 min

Lab File: VN076954.D

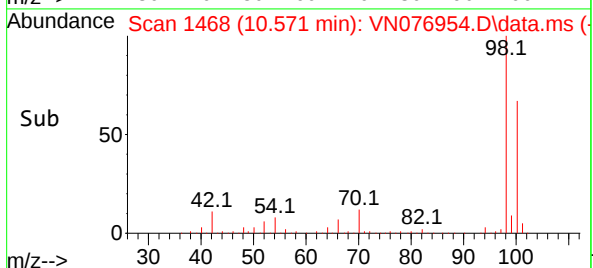
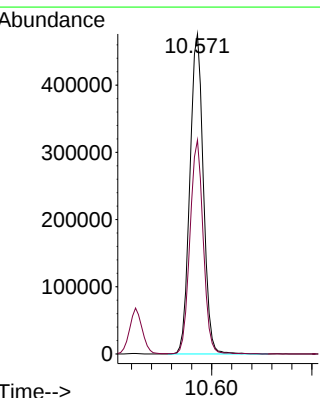
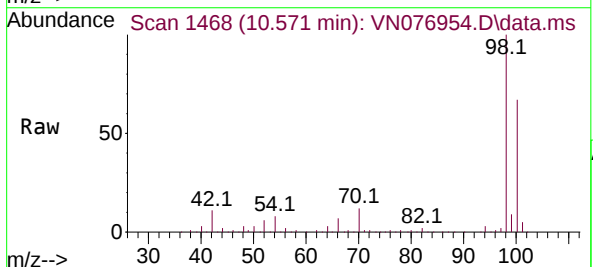
Acq: 13 Mar 2023 12:07

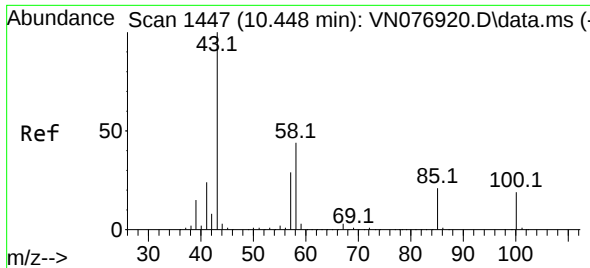
Tgt Ion: 98 Resp: 886376

Ion Ratio Lower Upper

98 100

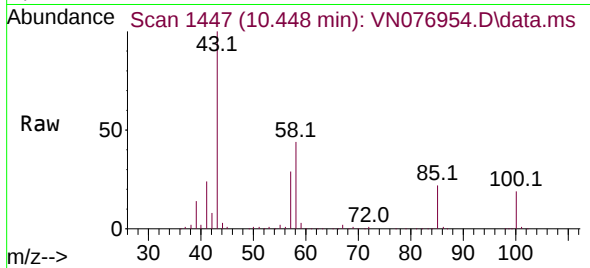
100 65.7 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 109.205 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

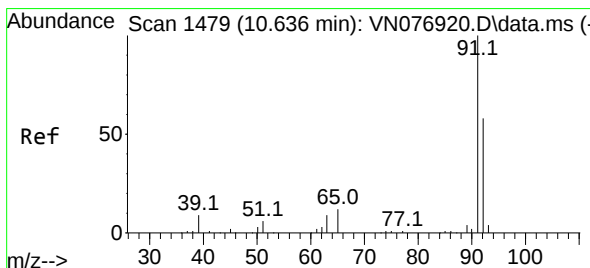
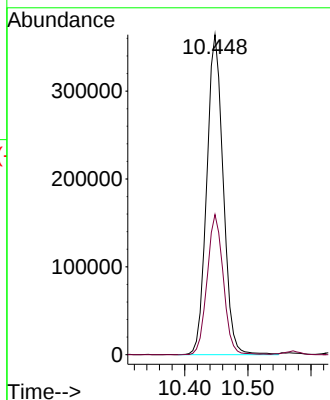
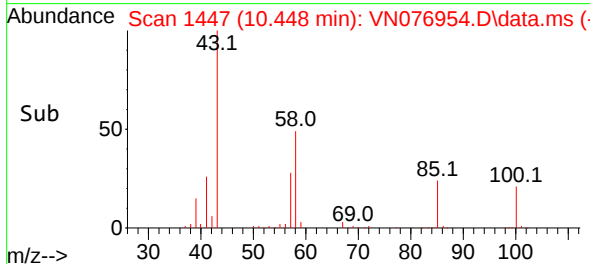
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



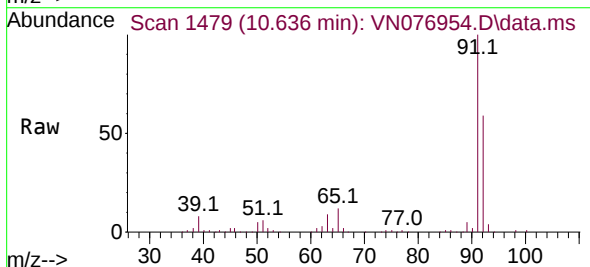
Tgt Ion: 43 Resp: 66039
Ion Ratio Lower Upper
43 100
58 43.0 37.4 56.0

Manual Integrations
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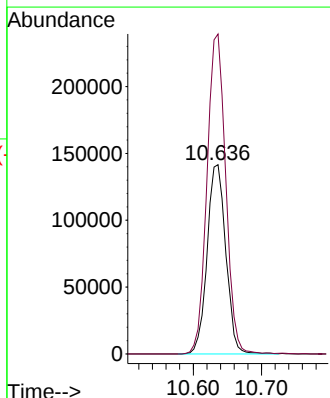
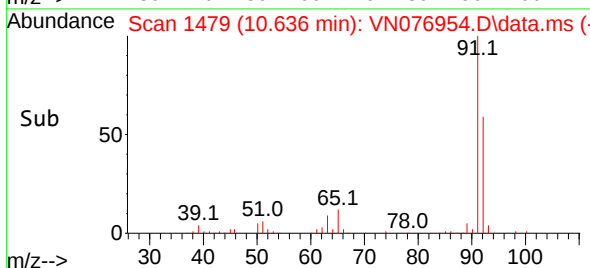
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

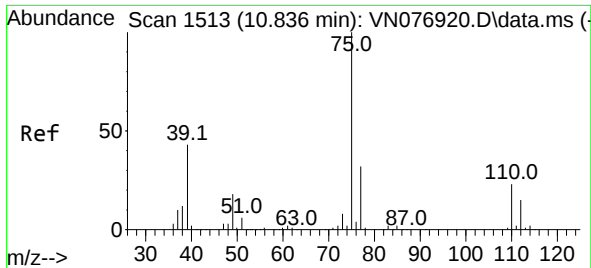


#52
Toluene
Concen: 20.862 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07



Tgt Ion: 92 Resp: 269886
Ion Ratio Lower Upper
92 100
91 169.3 138.2 207.2





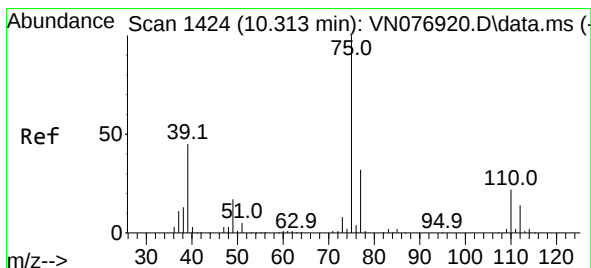
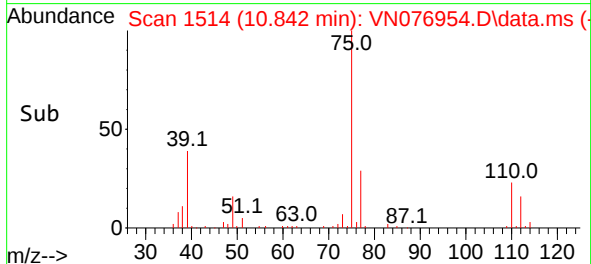
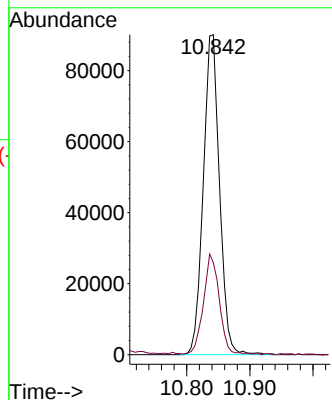
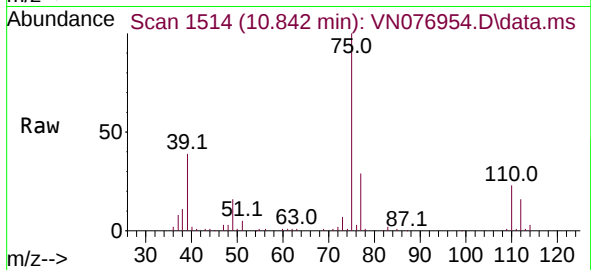
#53
t-1,3-Dichloropropene
Concen: 21.079 ug/l
RT: 10.842 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

Tgt Ion: 75 Resp: 16102
Ion Ratio Lower Upper
75 100
77 28.4 25.0 37.6

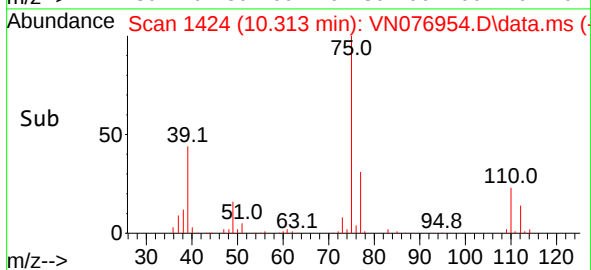
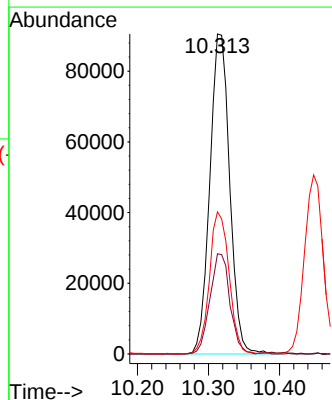
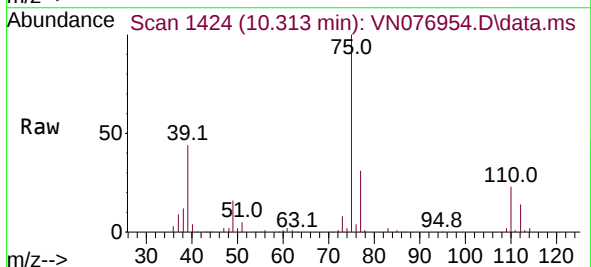
Manual Integrations
APPROVED

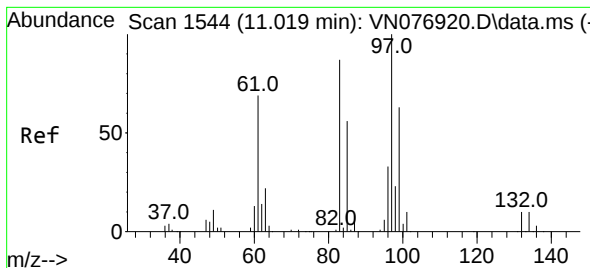
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#54
cis-1,3-Dichloropropene
Concen: 20.965 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

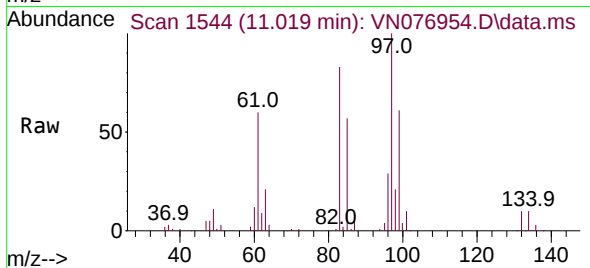
Tgt Ion: 75 Resp: 175884
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5
39 44.4 29.7 44.5





#55
1,1,2-Trichloroethane
Concen: 20.510 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

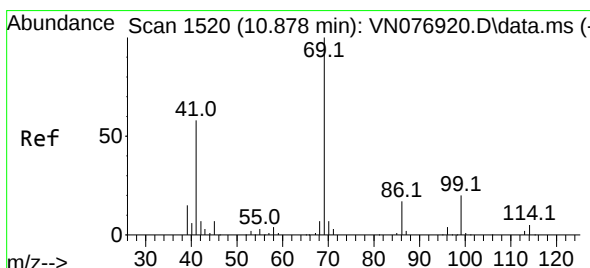
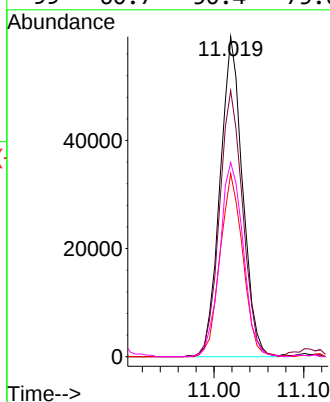
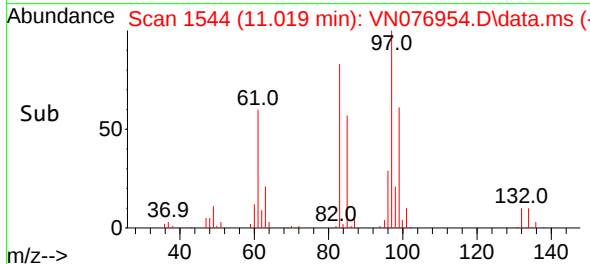
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



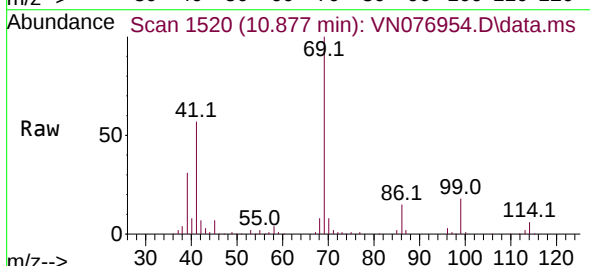
Tgt Ion: 97 Resp: 103234
Ion Ratio Lower Upper
97 100
83 83.1 67.1 100.7
85 57.2 41.8 62.8
99 60.7 50.4 75.6

Manual Integrations
APPROVED

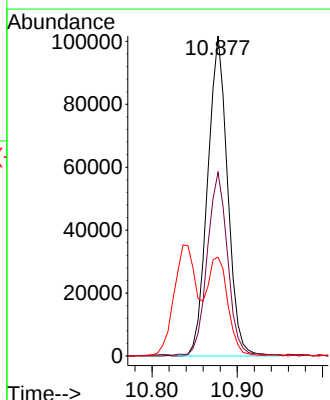
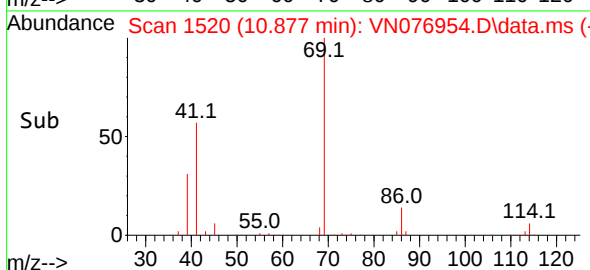
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

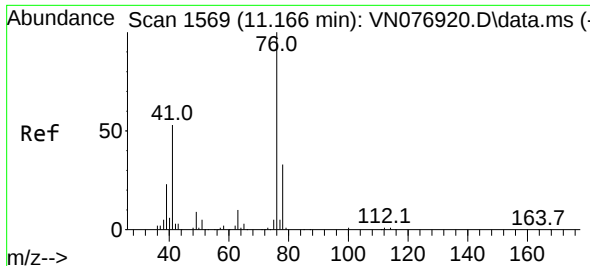


#56
Ethyl methacrylate
Concen: 21.748 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07



Tgt Ion: 69 Resp: 166033
Ion Ratio Lower Upper
69 100
41 58.8 38.0 57.0#
39 29.9 22.4 33.6





#57

1,3-Dichloropropane

Concen: 20.645 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN076954.D

Acq: 13 Mar 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBSD01

Tgt Ion: 76 Resp: 18323

Ion Ratio Lower Upper

76 100

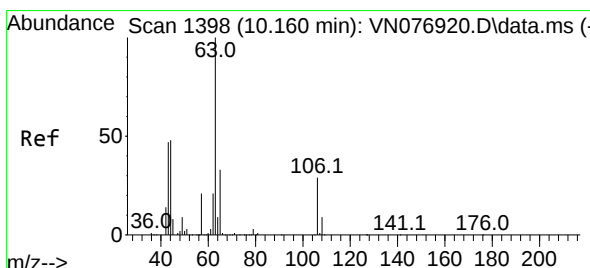
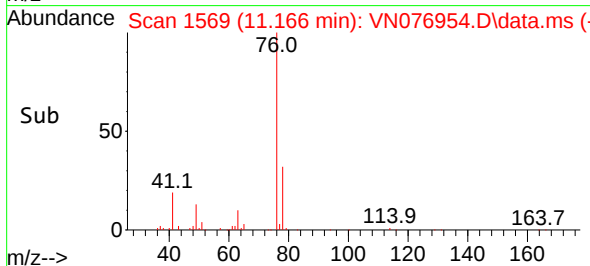
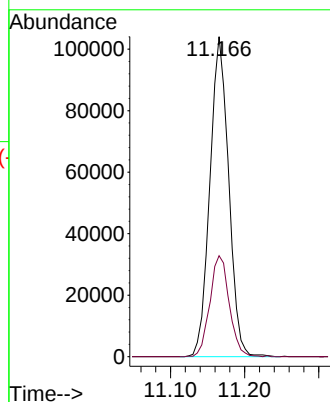
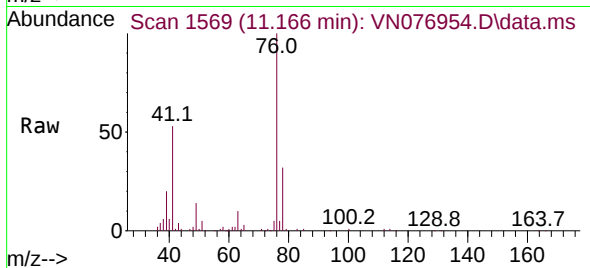
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 112.207 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN076954.D

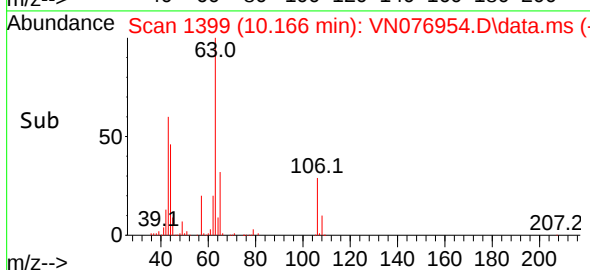
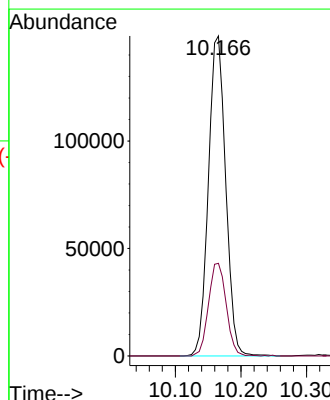
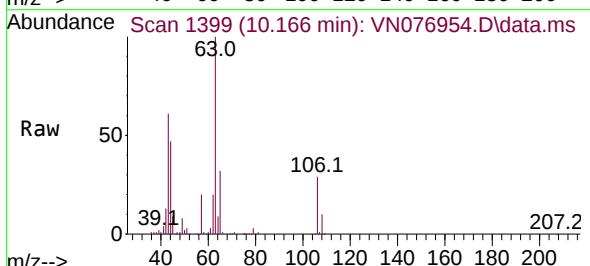
Acq: 13 Mar 2023 12:07

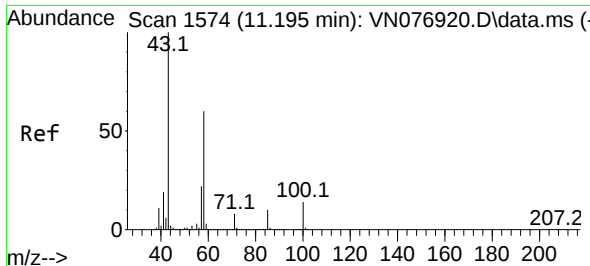
Tgt Ion: 63 Resp: 272784

Ion Ratio Lower Upper

63 100

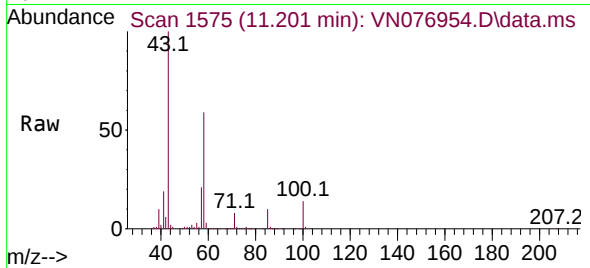
106 29.6 25.6 38.4





#59
2-Hexanone
Concen: 108.951 ug/l
RT: 11.201 min Scan# 11201
Delta R.T. 0.006 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

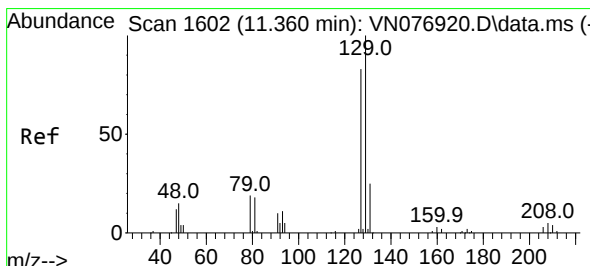
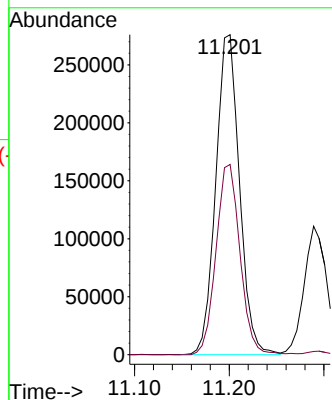
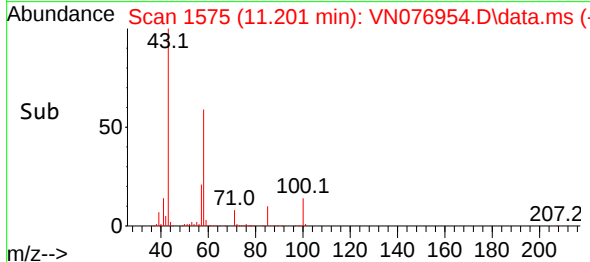
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



Tgt Ion: 43 Resp: 48039
Ion Ratio Lower Upper
43 100
58 60.0 32.6 98.0

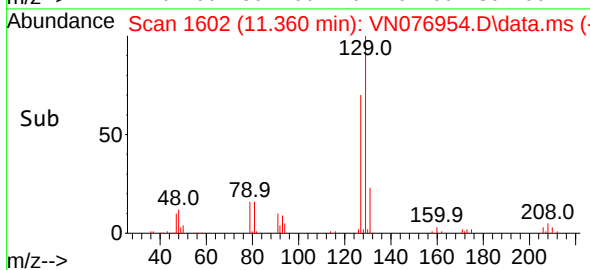
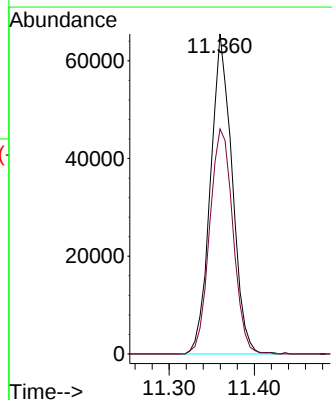
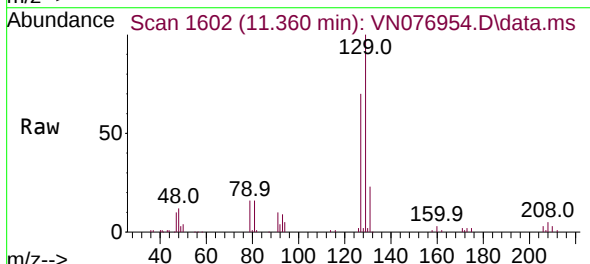
Manual Integrations
APPROVED

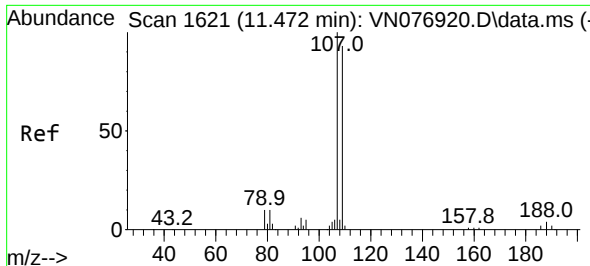
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#60
Dibromochloromethane
Concen: 20.806 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

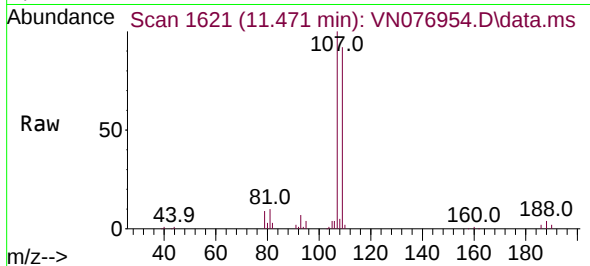
Tgt Ion:129 Resp: 115377
Ion Ratio Lower Upper
129 100
127 75.8 39.6 118.8





#61
1,2-Dibromoethane
Concen: 20.754 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

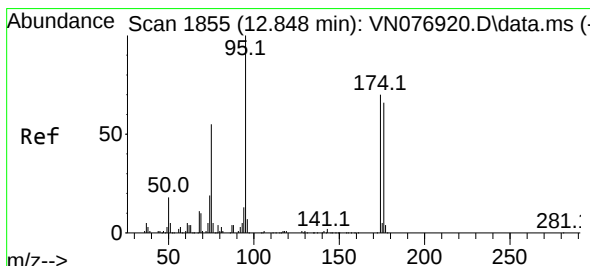
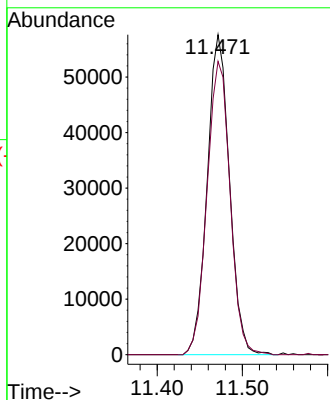
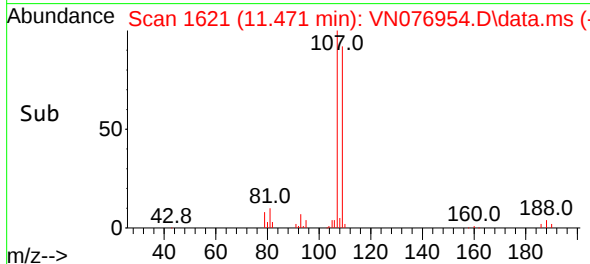
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



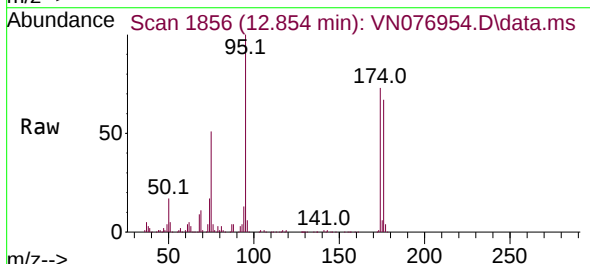
Tgt Ion:107 Resp: 104702
Ion Ratio Lower Upper
107 100
109 94.7 75.9 113.9

Manual Integrations
APPROVED

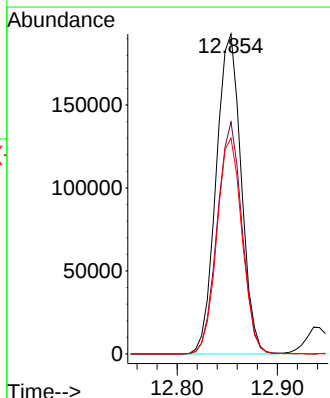
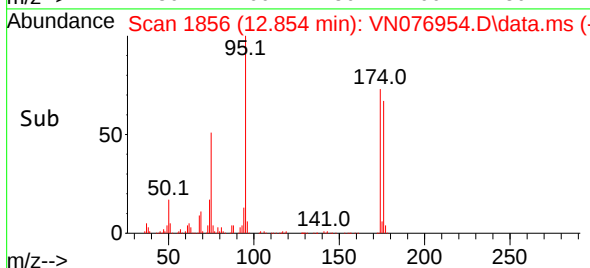
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

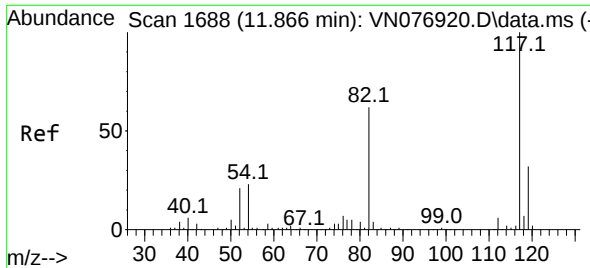


#62
4-Bromofluorobenzene
Concen: 53.627 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07



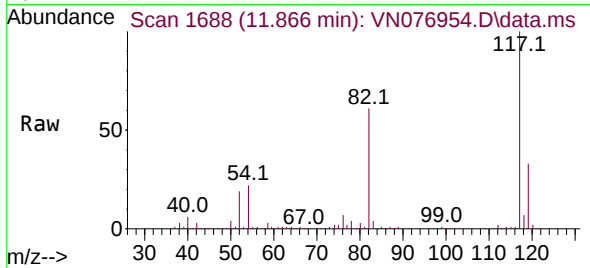
Tgt Ion: 95 Resp: 333310
Ion Ratio Lower Upper
95 100
174 71.7 0.0 162.4
176 68.1 0.0 157.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

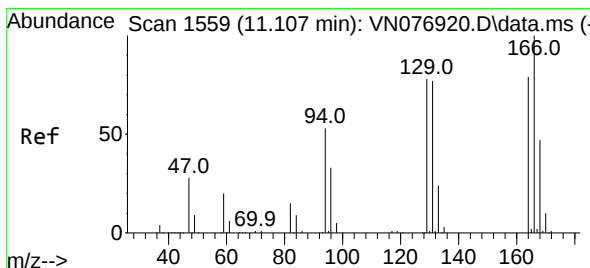
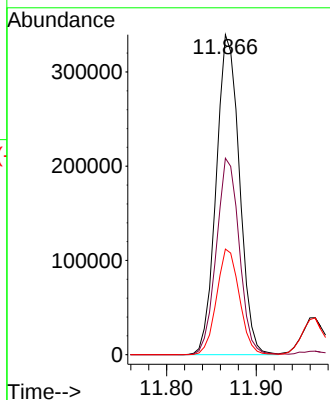
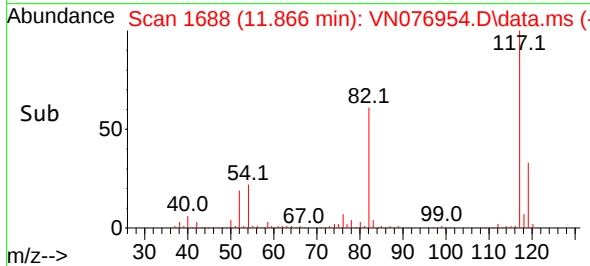
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



Tgt Ion:117 Resp: 61036
Ion Ratio Lower Upper
117 100
82 61.4 43.5 65.3
119 33.0 25.5 38.3

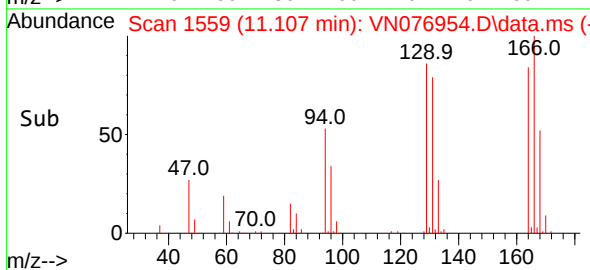
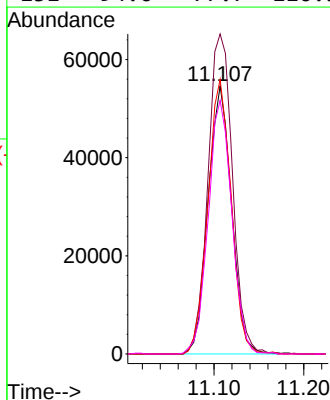
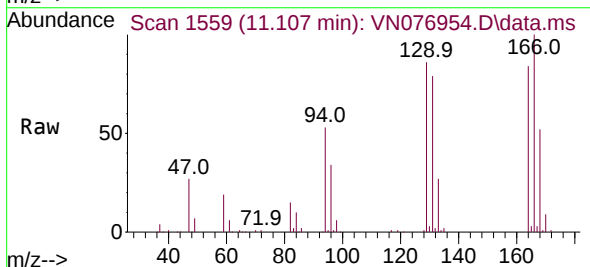
Manual Integrations
APPROVED

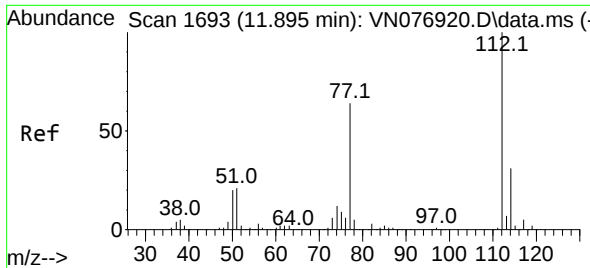
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#64
Tetrachloroethene
Concen: 20.135 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

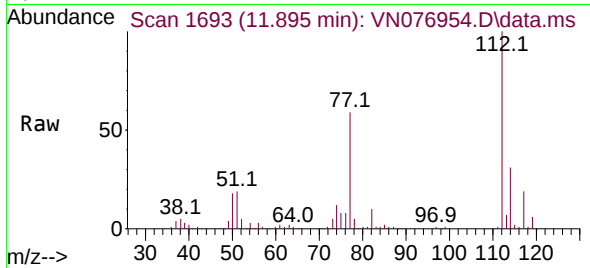
Tgt Ion:164 Resp: 99467
Ion Ratio Lower Upper
164 100
166 119.4 102.7 154.1
129 102.4 81.5 122.3
131 94.6 77.7 116.5





#65
Chlorobenzene
Concen: 20.121 ug/l
RT: 11.895 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

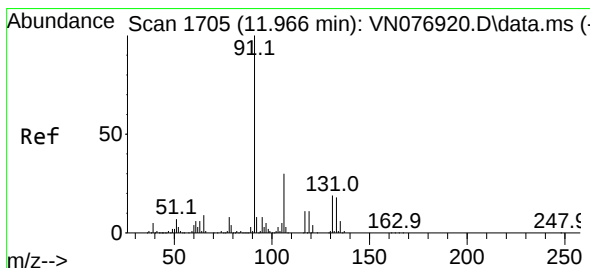
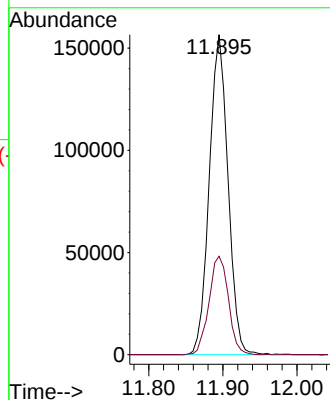
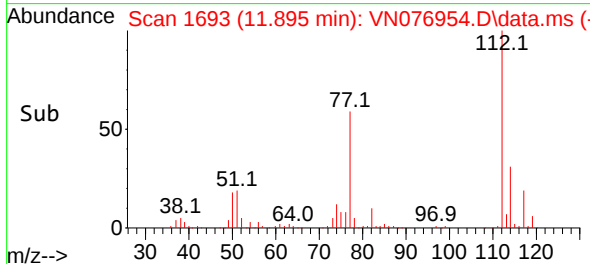
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



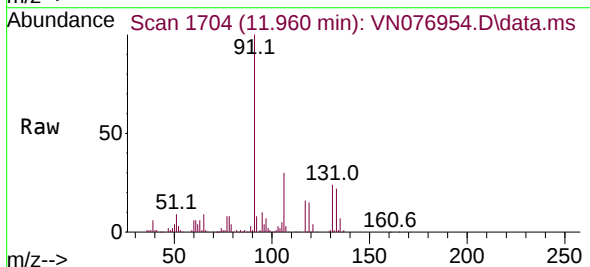
Tgt Ion:112 Resp: 274698
Ion Ratio Lower Upper
112 100
114 30.8 25.8 38.8

Manual Integrations
APPROVED

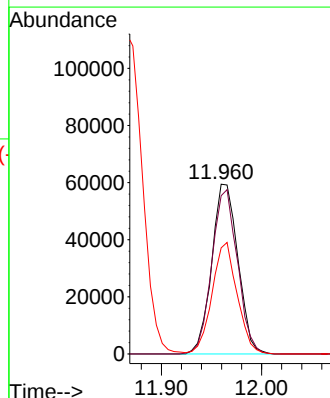
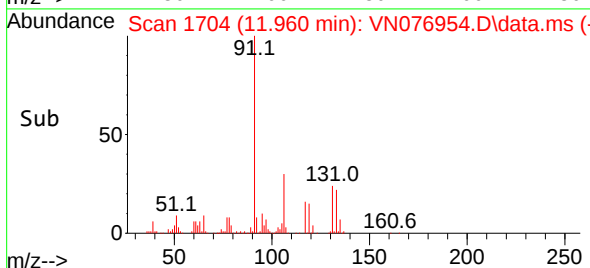
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

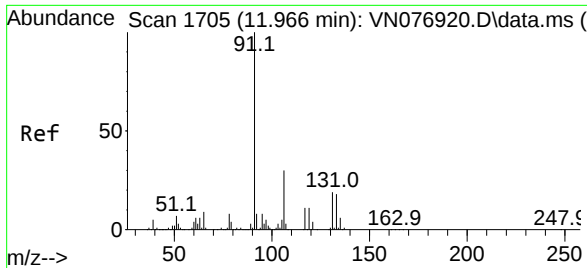


#66
1,1,1,2-Tetrachloroethane
Concen: 20.298 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07



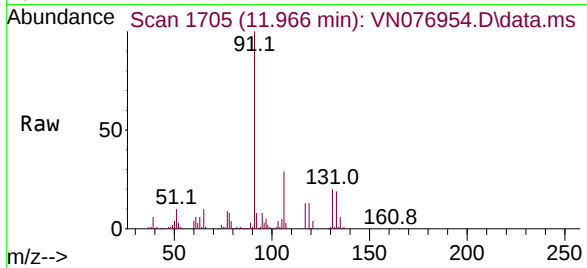
Tgt Ion:131 Resp: 108183
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.8
119 62.8 33.1 99.2





#67
Ethyl Benzene
Concen: 20.382 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

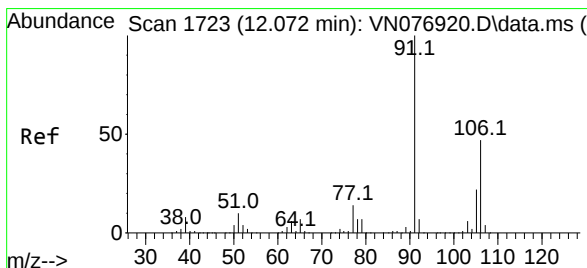
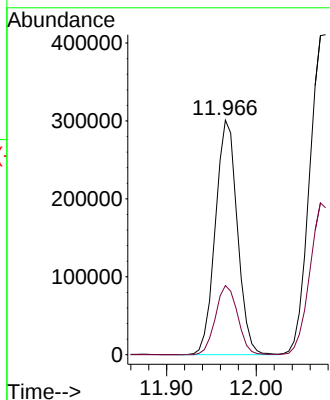
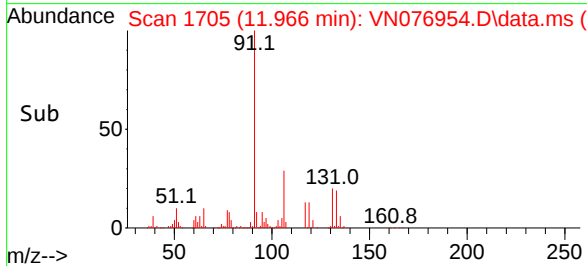
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



Tgt Ion: 91 Resp: 511672
Ion Ratio Lower Upper
91 100
106 29.4 25.1 37.7

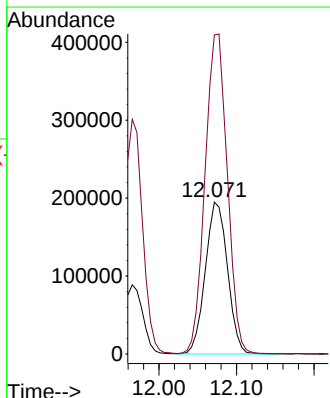
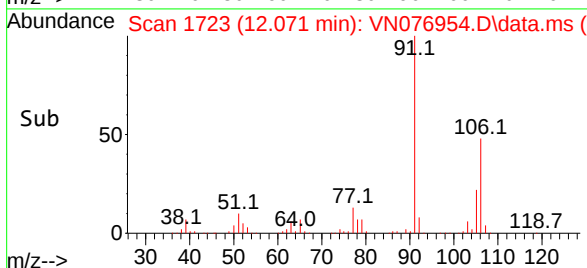
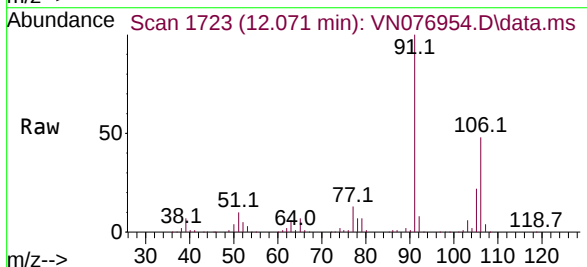
Manual Integrations
APPROVED

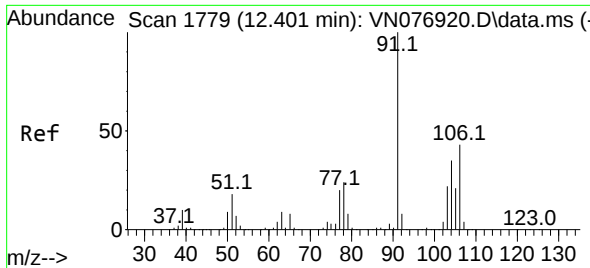
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#68
m/p-Xylenes
Concen: 41.093 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

Tgt Ion:106 Resp: 387739
Ion Ratio Lower Upper
106 100
91 211.5 158.0 237.0





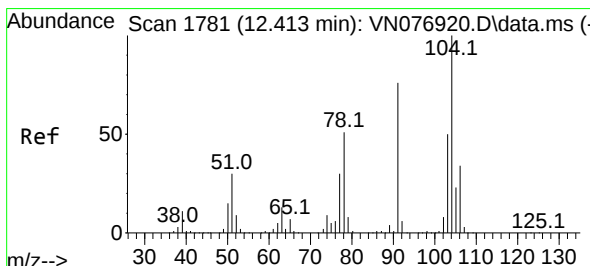
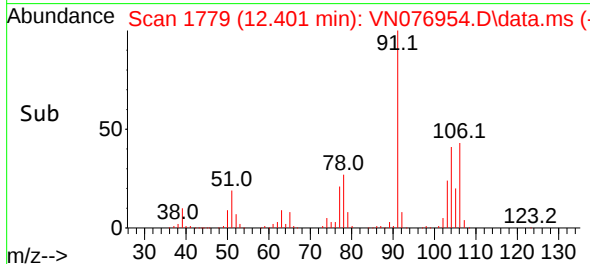
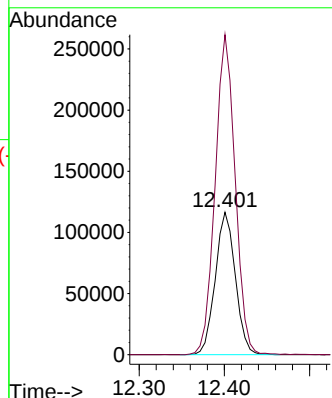
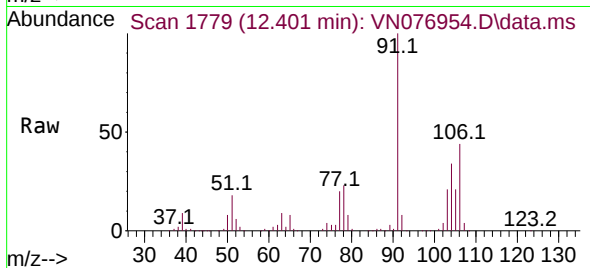
#69
o-Xylene
Concen: 20.857 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

Tgt Ion:106 Resp: 19105
Ion Ratio Lower Upper
106 100
91 224.2 101.8 305.4

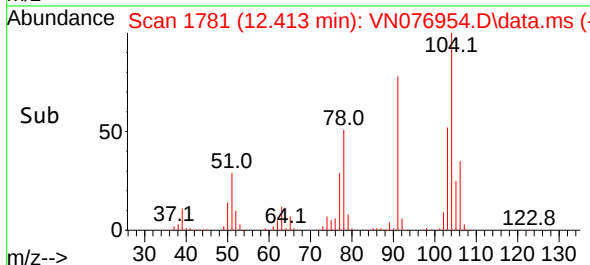
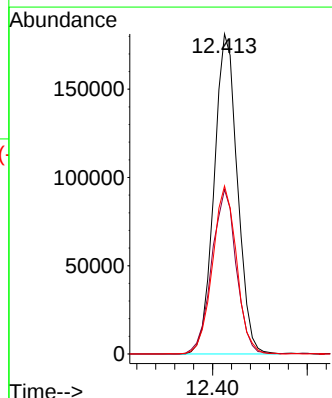
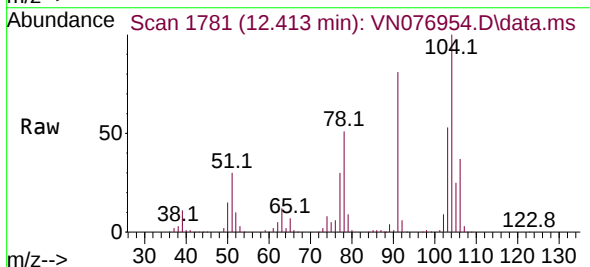
Manual Integrations
APPROVED

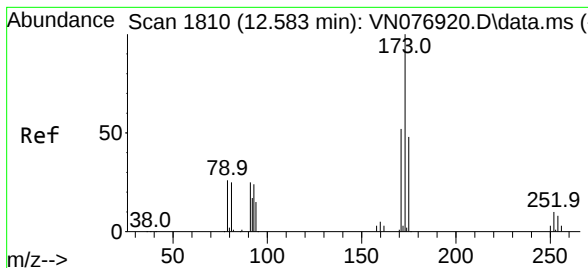
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#70
Styrene
Concen: 20.912 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

Tgt Ion:104 Resp: 309481
Ion Ratio Lower Upper
104 100
78 54.1 36.6 55.0
103 54.3 43.4 65.0





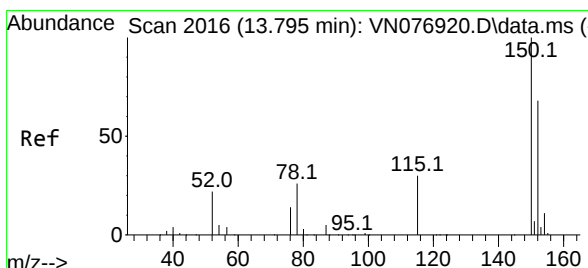
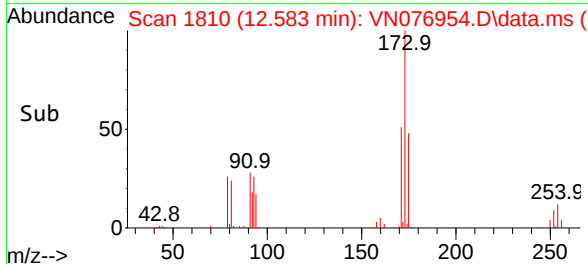
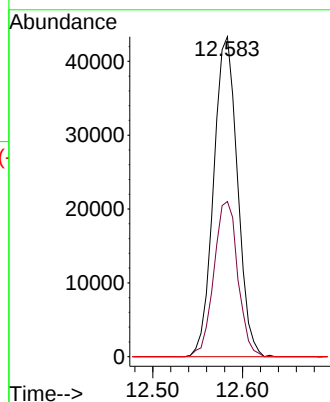
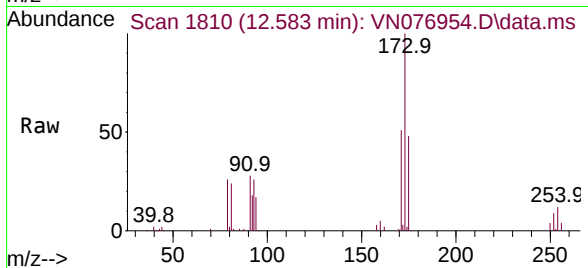
#71
Bromoform
Concen: 20.699 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

Tgt Ion:173 Resp: 7994
Ion Ratio Lower Upper
173 100
175 48.7 24.9 74.6
254 0.0 0.0 0.0

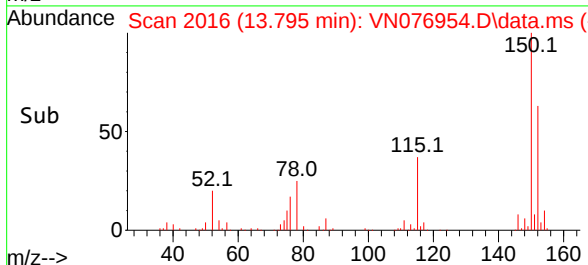
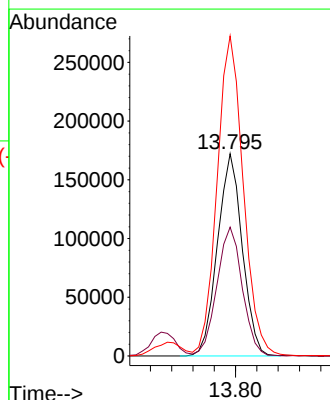
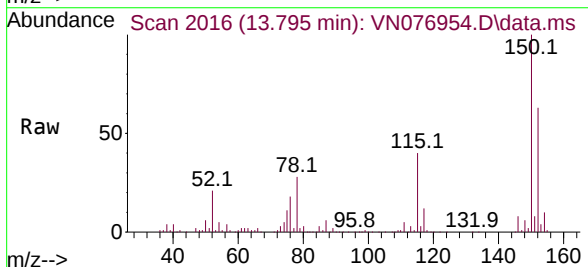
Manual Integrations
APPROVED

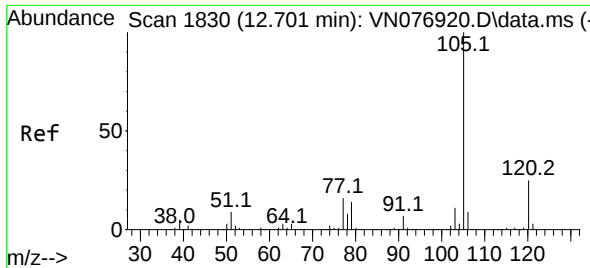
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

Tgt Ion:152 Resp: 277780
Ion Ratio Lower Upper
152 100
115 65.2 30.3 90.9
150 166.8 0.0 353.6





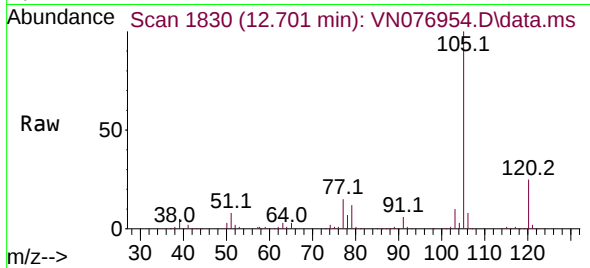
#73
Isopropylbenzene
Concen: 20.289 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBSD01



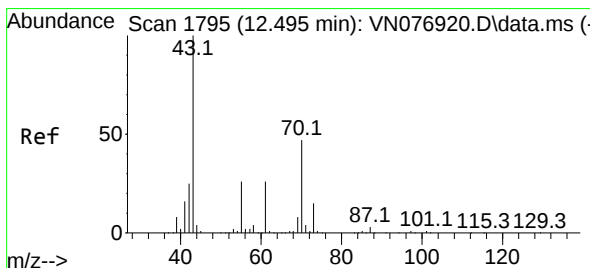
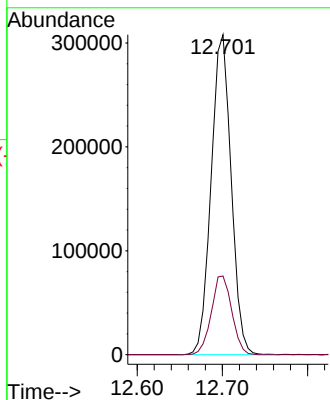
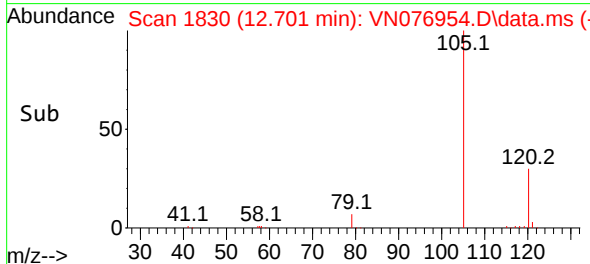
Tgt Ion:105 Resp: 502199
Ion Ratio Lower Upper
105 100
120 25.2 13.8 41.4

Manual Integrations

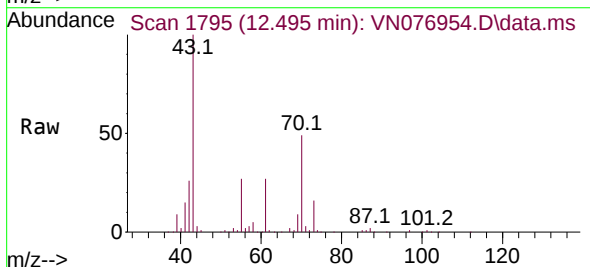
APPROVED

Reviewed By :John Carlone 03/14/2023

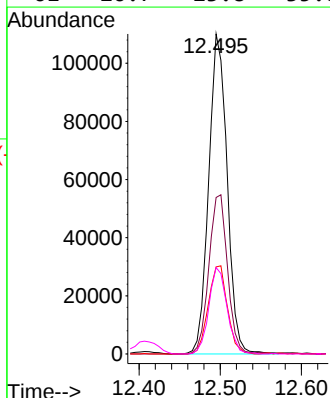
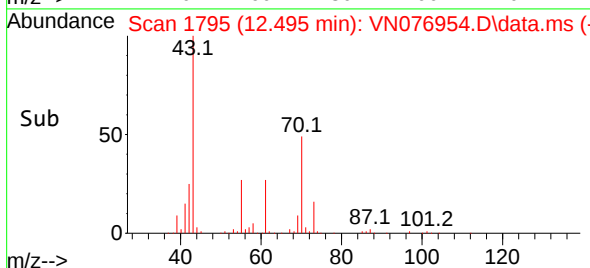
Supervised By :Mahesh Dadoda 03/14/2023

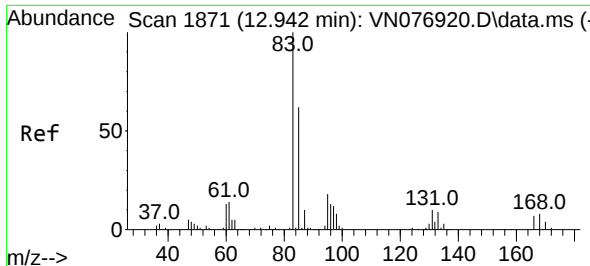


#74
N-ethyl acetate
Concen: 21.207 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07



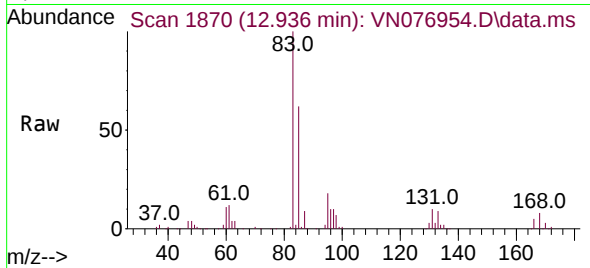
Tgt Ion: 43 Resp: 173793
Ion Ratio Lower Upper
43 100
70 50.6 46.8 70.2
55 28.4 23.4 35.2
61 26.7 23.8 35.8





#75
1,1,2,2-Tetrachloroethane
Concen: 20.723 ug/l
RT: 12.936 min Scan# 1871
Delta R.T. -0.006 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

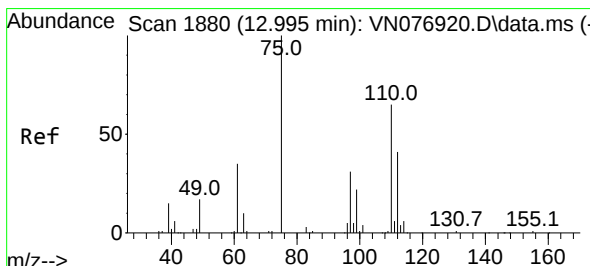
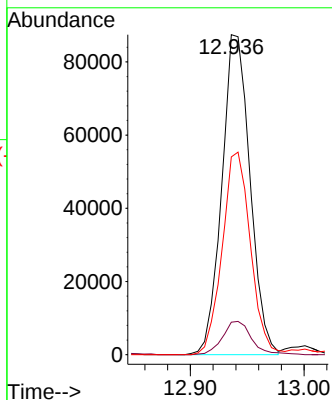
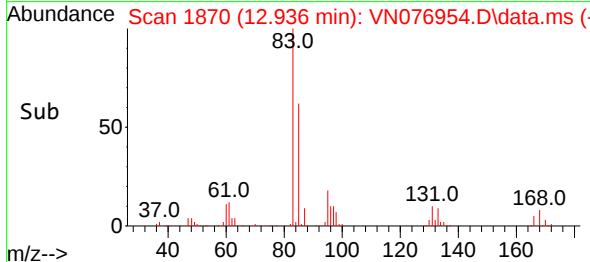
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



Tgt Ion: 83 Resp: 150930
Ion Ratio Lower Upper
83 100
131 10.7 5.3 16.1
85 63.3 32.0 96.0

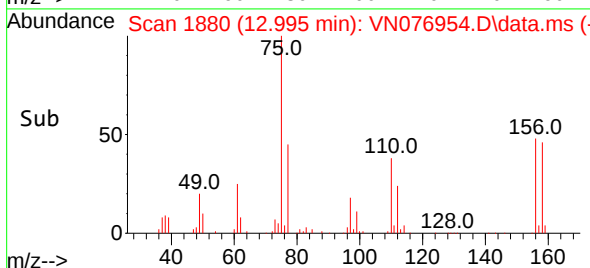
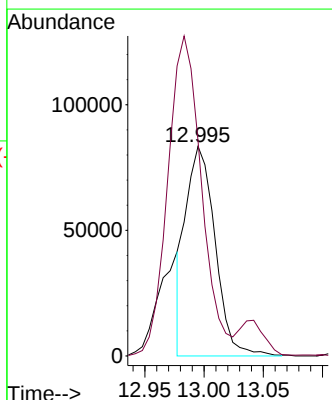
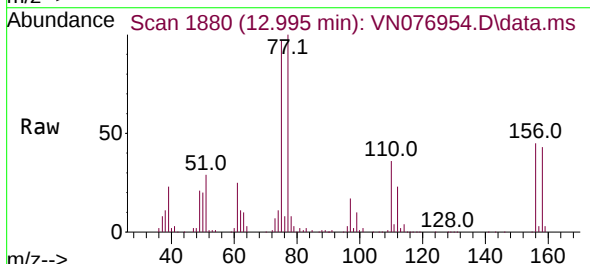
Manual Integrations
APPROVED

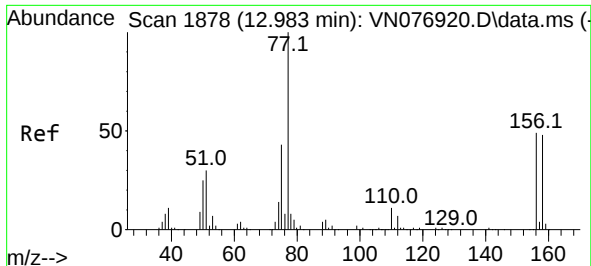
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#76
1,2,3-Trichloropropane
Concen: 21.285 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

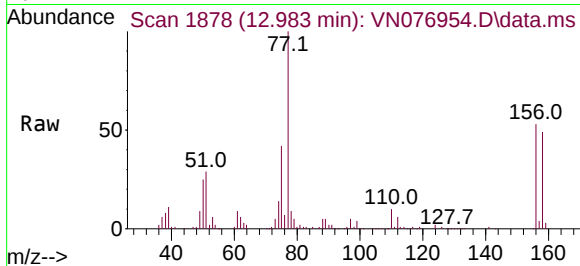
Tgt Ion: 75 Resp: 143346
Ion Ratio Lower Upper
75 100
77 176.4 93.8 281.4





#77
Bromobenzene
Concen: 20.290 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

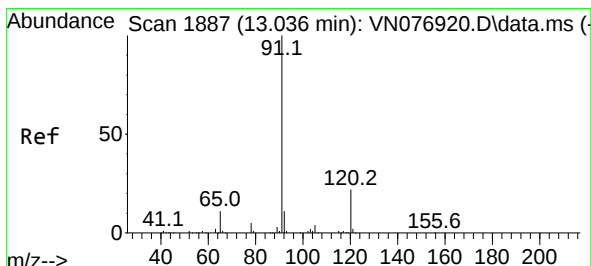
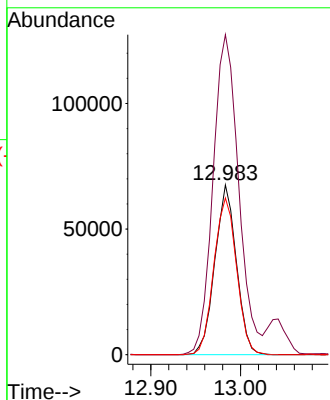
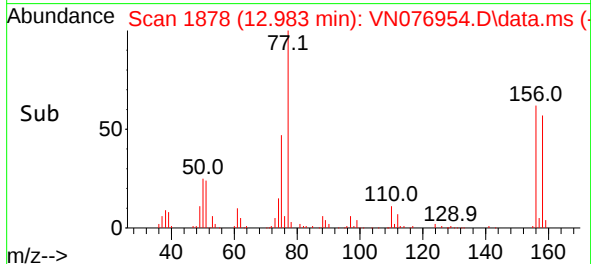
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



Tgt Ion:156 Resp: 112274
Ion Ratio Lower Upper
156 100
77 225.2 101.3 303.7
158 97.5 48.9 146.7

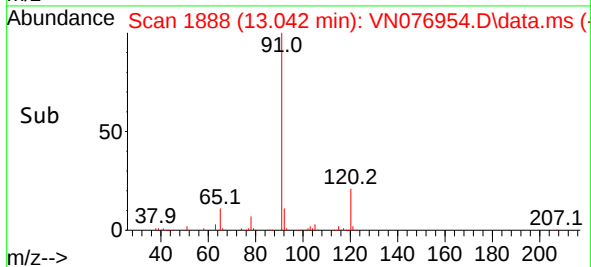
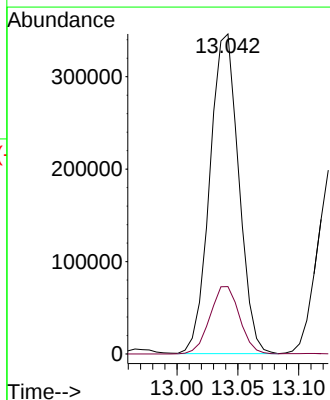
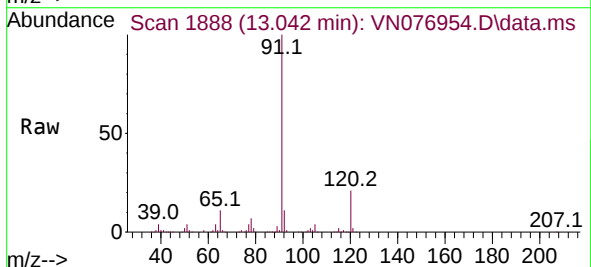
Manual Integrations
APPROVED

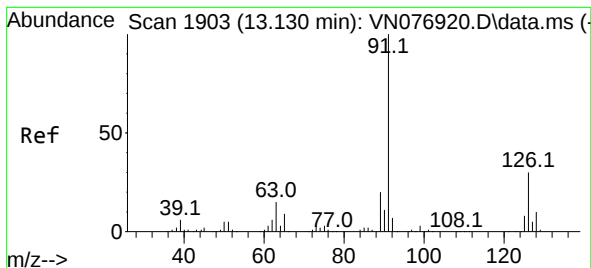
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#78
n-propylbenzene
Concen: 20.778 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

Tgt Ion: 91 Resp: 572705
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.7





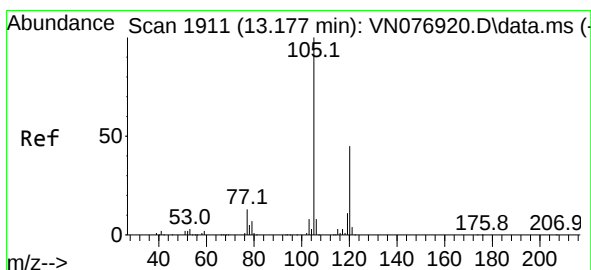
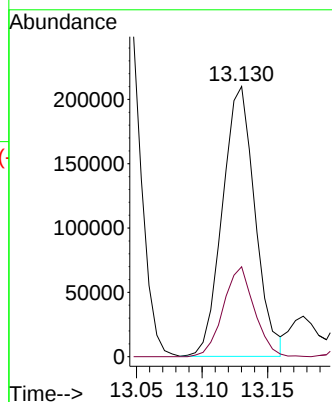
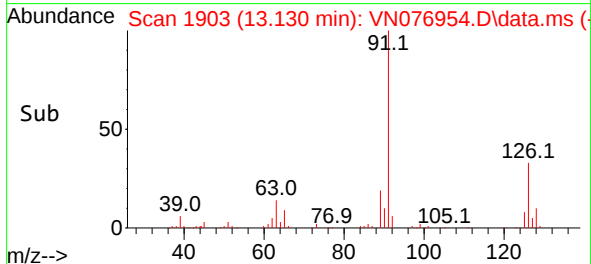
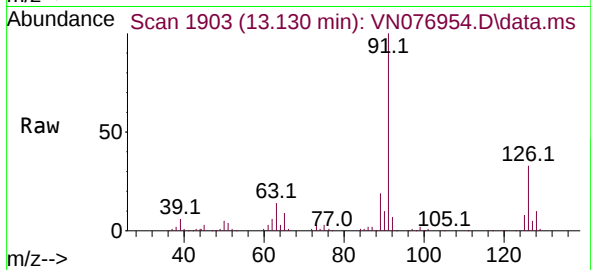
#79
2-Chlorotoluene
Concen: 20.294 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

Tgt Ion: 91 Resp: 362740
Ion Ratio Lower Upper
91 100
126 31.7 17.7 53.1

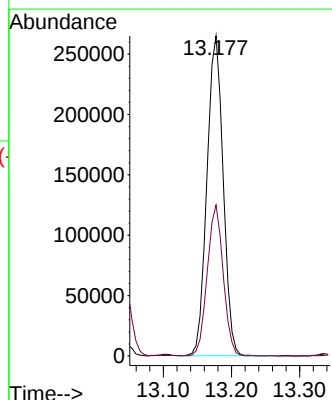
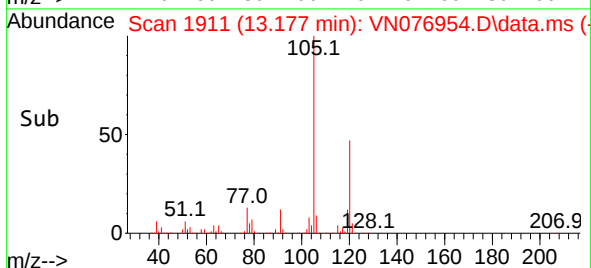
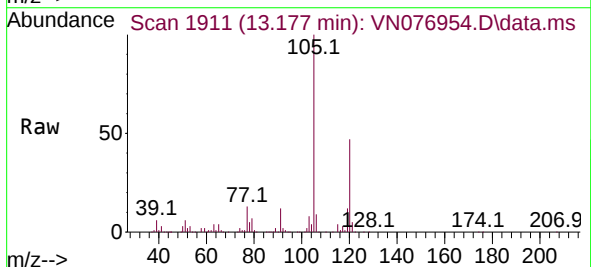
Manual Integrations
APPROVED

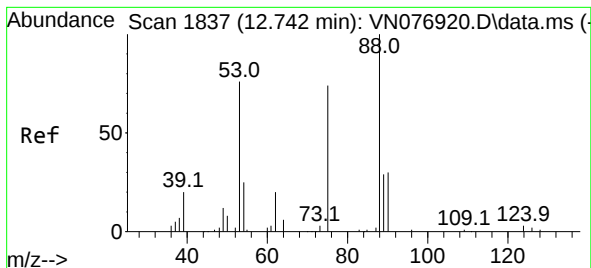
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.797 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

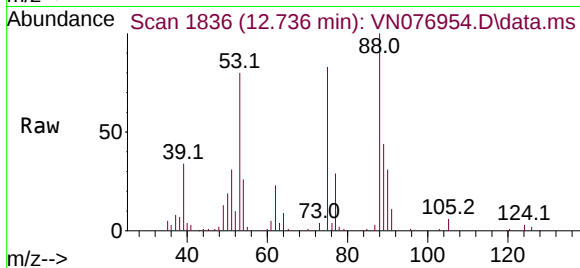
Tgt Ion:105 Resp: 438500
Ion Ratio Lower Upper
105 100
120 46.4 25.2 75.6





#81
trans-1,4-Dichloro-2-butene
Concen: 21.985 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

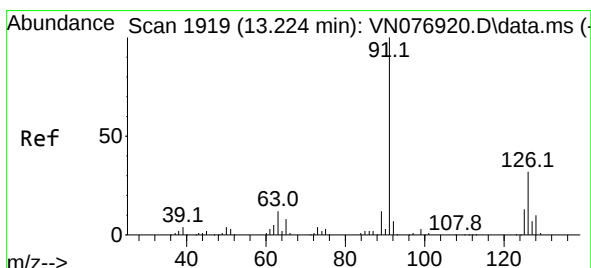
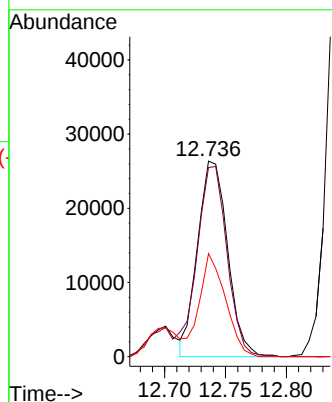
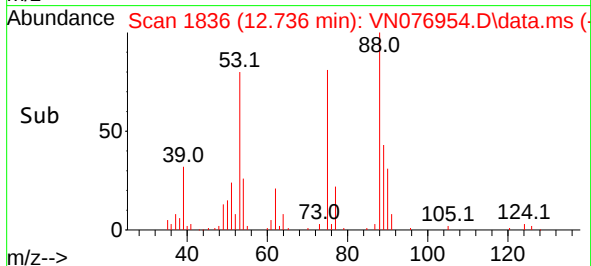
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



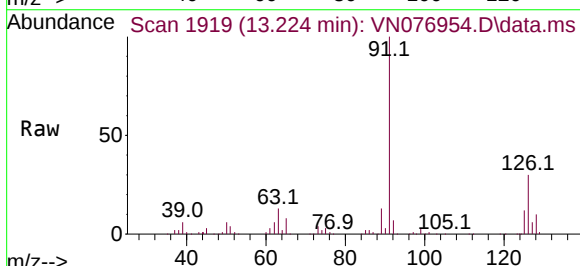
Tgt Ion: 75 Resp: 4532
Ion Ratio Lower Upper
75 100
53 98.1 67.4 101.0
89 46.6 39.5 59.3

Manual Integrations
APPROVED

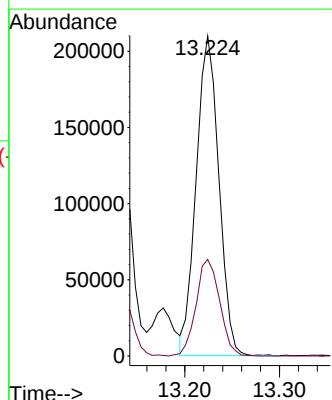
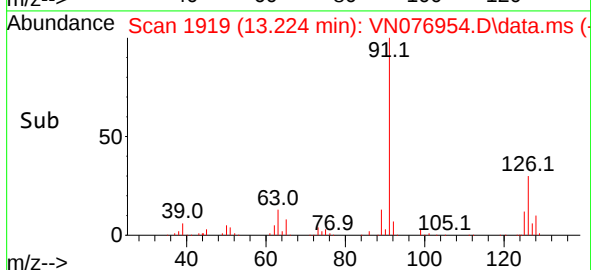
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

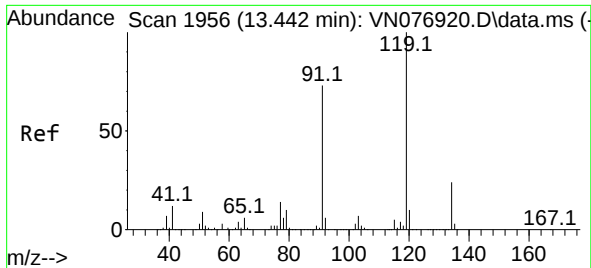


#82
4-Chlorotoluene
Concen: 20.680 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07



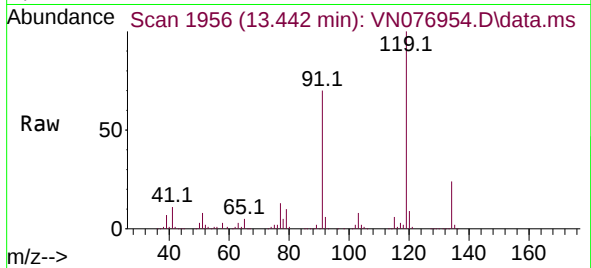
Tgt Ion: 91 Resp: 349270
Ion Ratio Lower Upper
91 100
126 31.5 18.0 54.0





#83
tert-Butylbenzene
Concen: 20.654 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

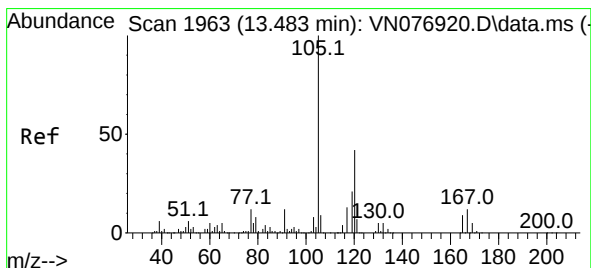
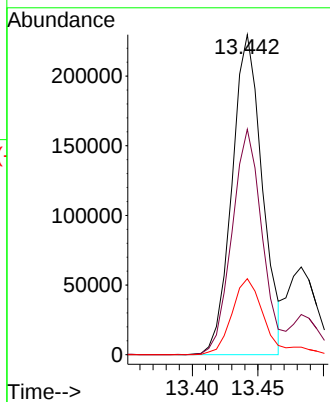
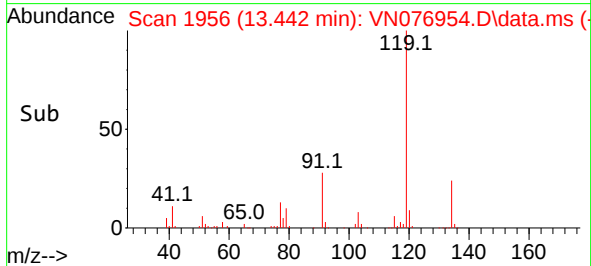
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



Tgt Ion:119 Resp: 36996
Ion Ratio Lower Upper
119 100
91 71.0 31.9 95.5
134 25.9 13.8 41.4

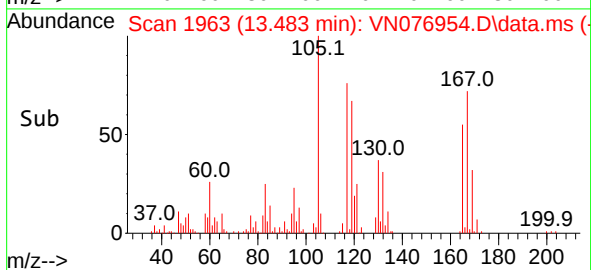
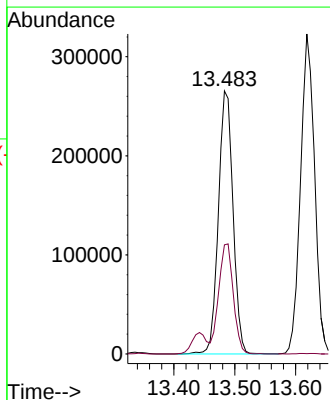
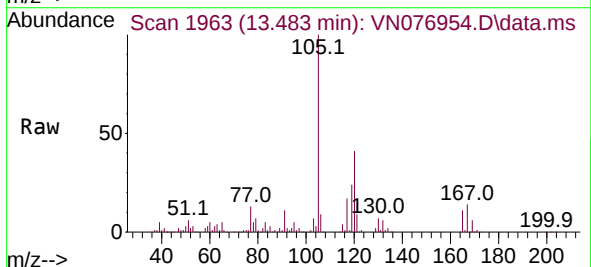
Manual Integrations
APPROVED

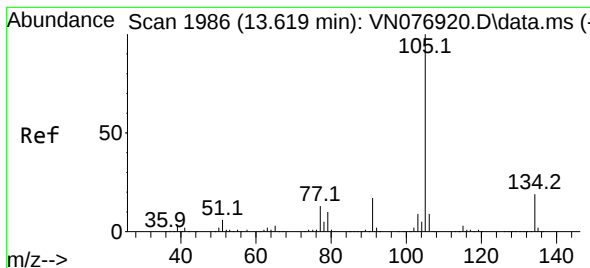
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#84
1,2,4-Trimethylbenzene
Concen: 21.000 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

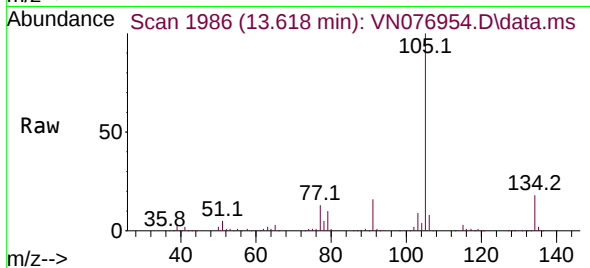
Tgt Ion:105 Resp: 442993
Ion Ratio Lower Upper
105 100
120 41.7 23.6 70.8





#85
 sec-Butylbenzene
 Concen: 21.131 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076954.D
 Acq: 13 Mar 2023 12:07

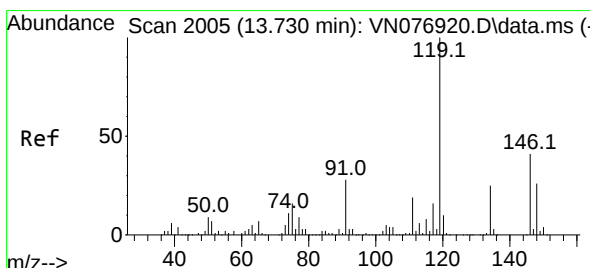
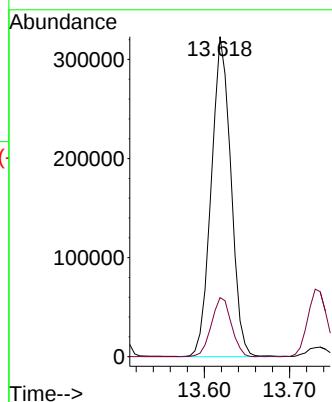
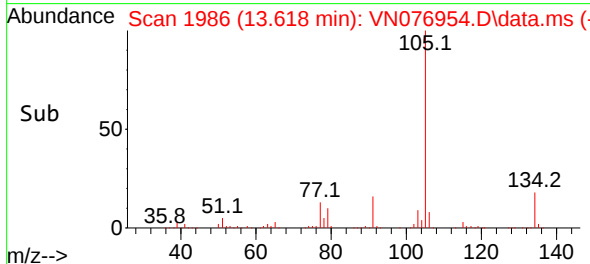
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0313WBSD01



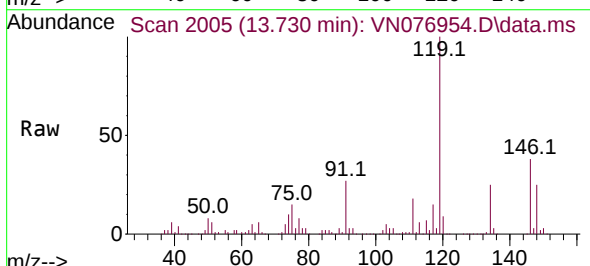
Tgt Ion:105 Resp: 51882
 Ion Ratio Lower Upper
 105 100
 134 18.8 10.4 31.2

Manual Integrations
 APPROVED

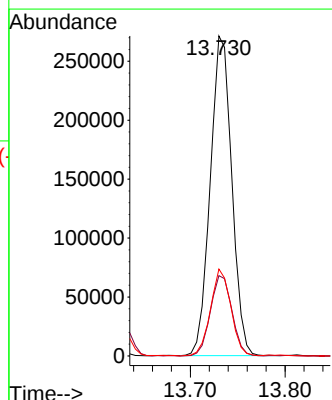
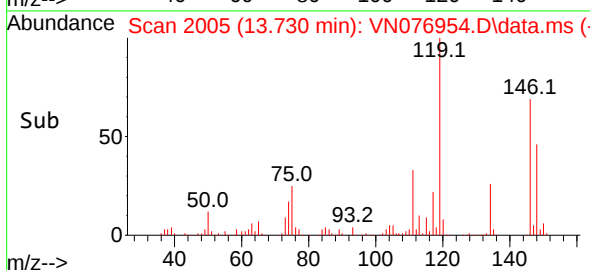
Reviewed By :John Carlone 03/14/2023
 Supervised By :Mahesh Dadoda 03/14/2023

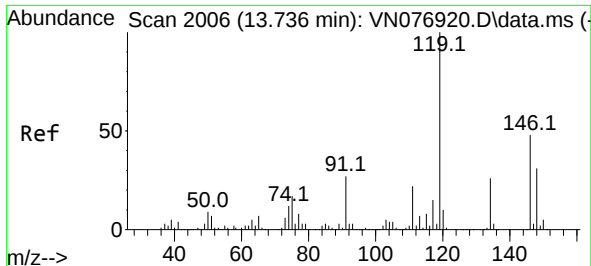


#86
 p-Isopropyltoluene
 Concen: 21.565 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076954.D
 Acq: 13 Mar 2023 12:07



Tgt Ion:119 Resp: 427574
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.5 40.5
 91 25.8 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 20.010 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN076954.D

Acq: 13 Mar 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBSD01

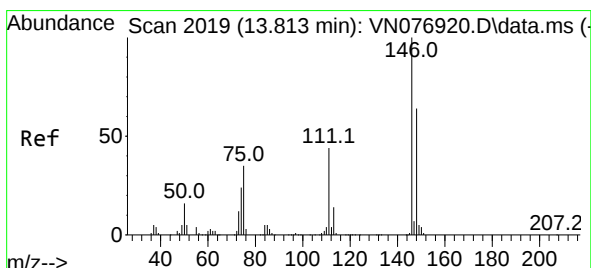
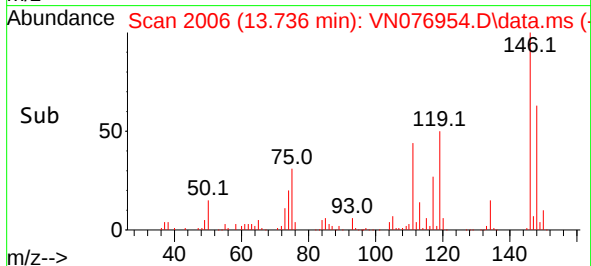
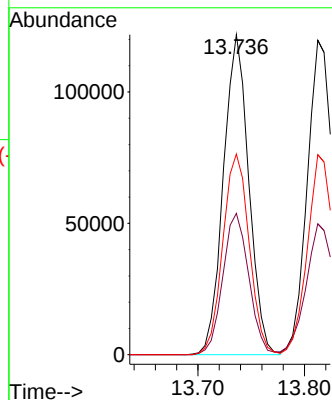
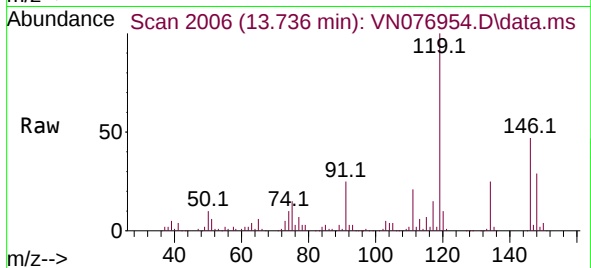
Tgt Ion:146 Resp: 20179
 Ion Ratio Lower Upper
 146 100
 111 45.1 20.4 61.2
 148 65.1 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/14/2023



#88

1,4-Dichlorobenzene

Concen: 20.048 ug/l

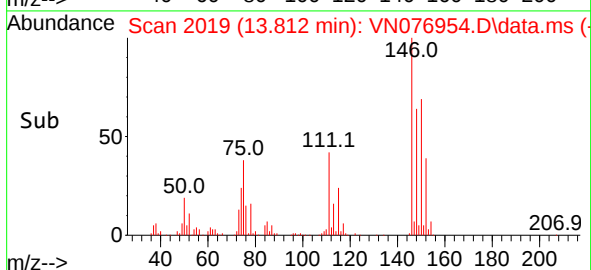
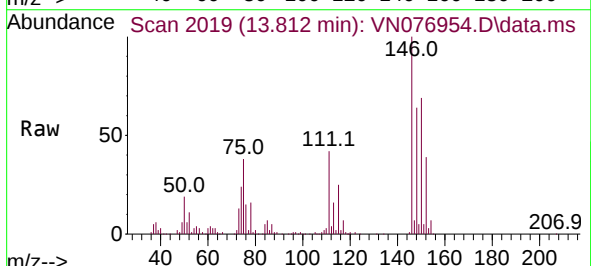
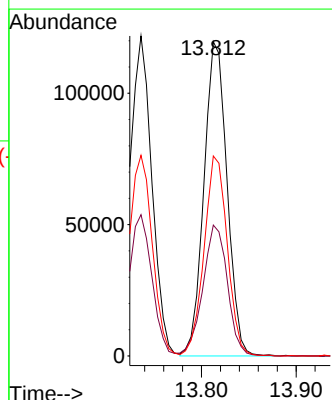
RT: 13.812 min Scan# 2019

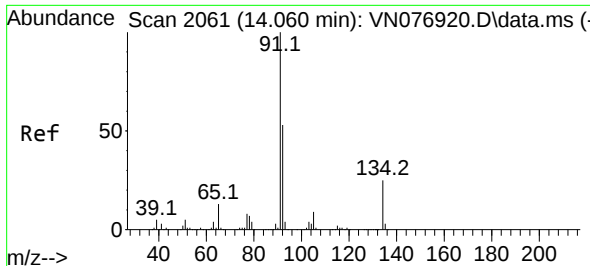
Delta R.T. -0.001 min

Lab File: VN076954.D

Acq: 13 Mar 2023 12:07

Tgt Ion:146 Resp: 202811
 Ion Ratio Lower Upper
 146 100
 111 44.3 20.0 60.0
 148 64.0 31.8 95.4





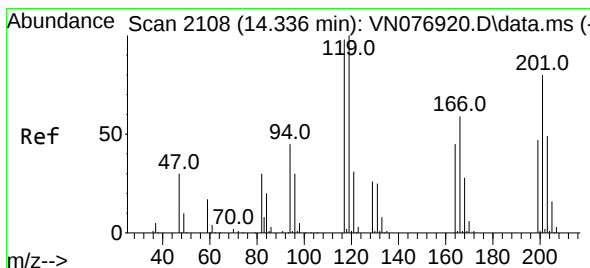
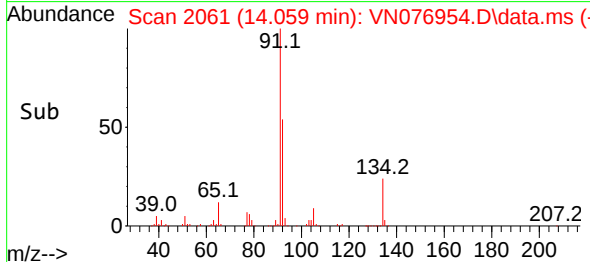
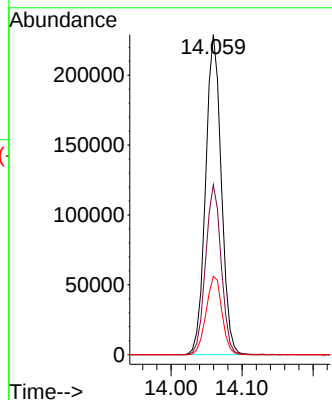
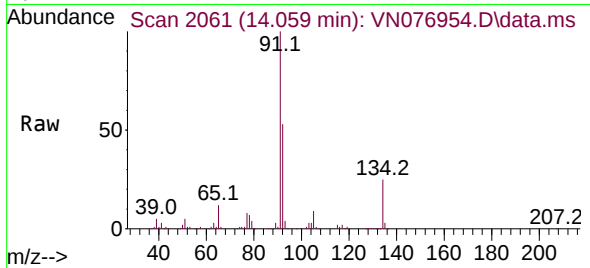
#89
n-Butylbenzene
Concen: 21.257 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.001 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

Tgt Ion: 91 Resp: 35170
Ion Ratio Lower Upper
91 100
92 52.7 26.6 79.7
134 24.8 13.6 40.7

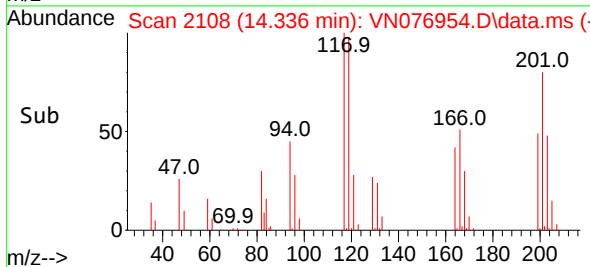
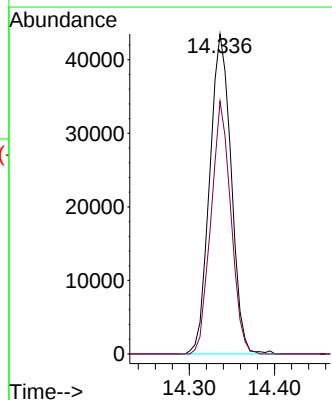
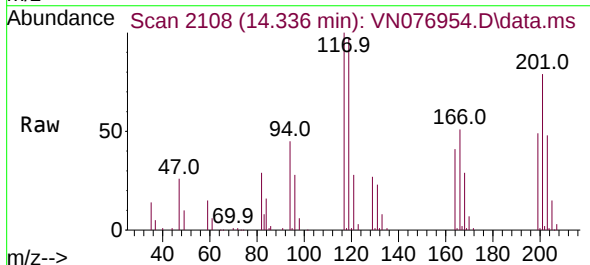
Manual Integrations
APPROVED

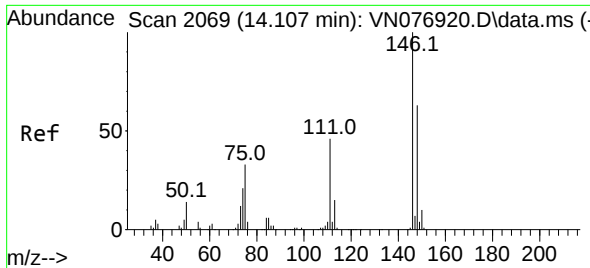
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#90
Hexachloroethane
Concen: 20.020 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

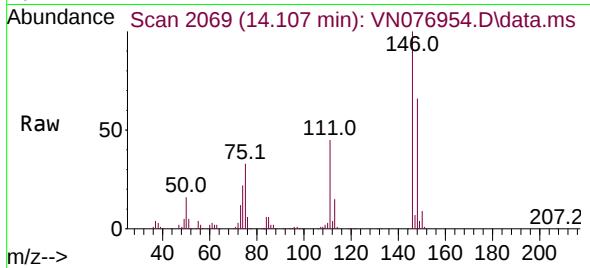
Tgt Ion:117 Resp: 76275
Ion Ratio Lower Upper
117 100
201 73.3 31.9 95.7





#91
1,2-Dichlorobenzene
Concen: 20.656 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

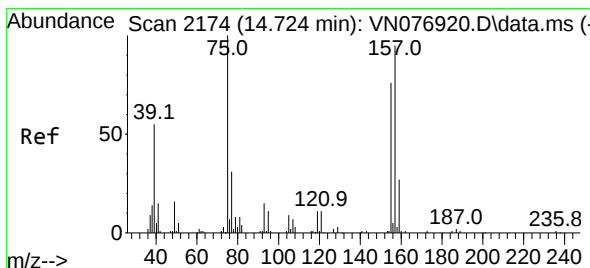
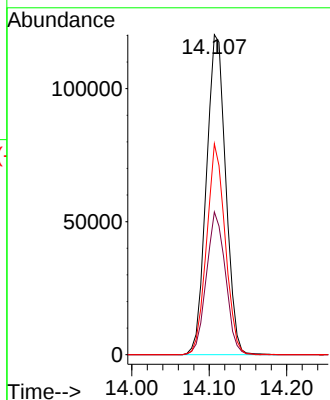
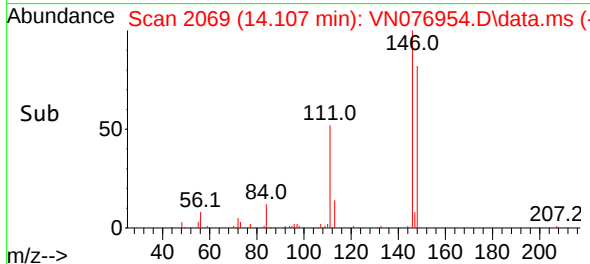
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



Tgt Ion:146 Resp: 209264
Ion Ratio Lower Upper
146 100
111 44.1 21.4 64.2
148 63.2 32.0 96.0

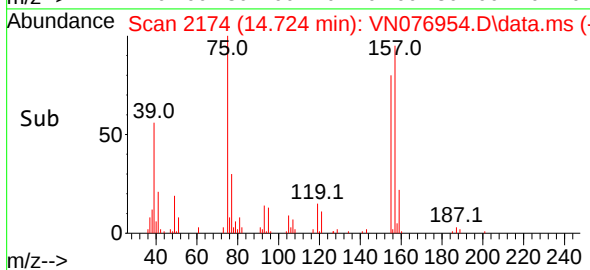
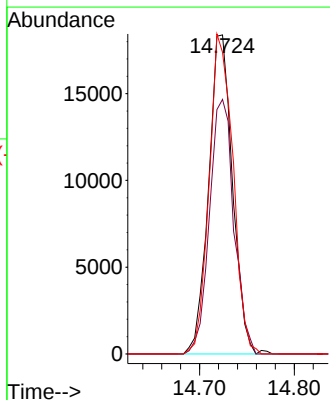
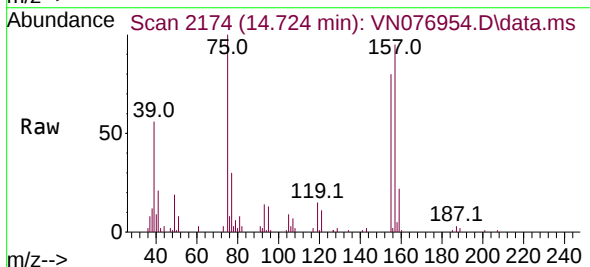
Manual Integrations
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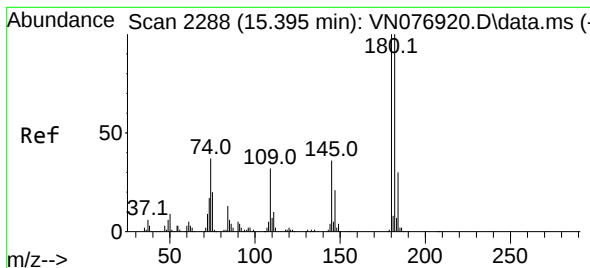
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.025 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

Tgt Ion: 75 Resp: 32201
Ion Ratio Lower Upper
75 100
155 81.4 44.3 132.8
157 99.4 58.3 174.8





#93

1,2,4-Trichlorobenzene

Concen: 20.361 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076954.D

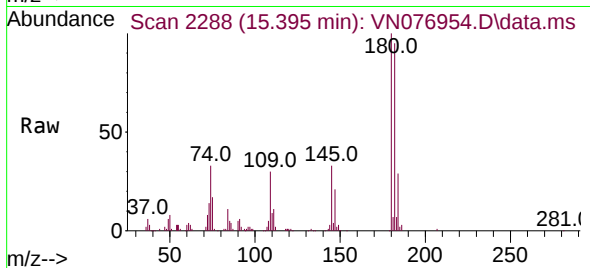
Acq: 13 Mar 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBSD01



Tgt Ion:180 Resp: 114662

Ion Ratio Lower Upper

180 100

182 93.6 47.4 142.2

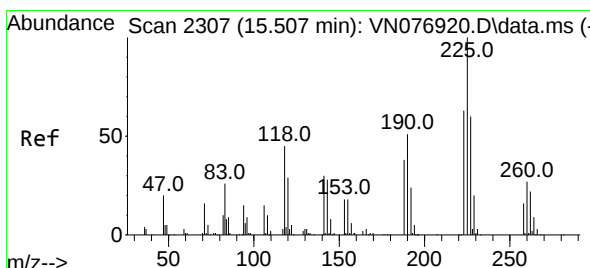
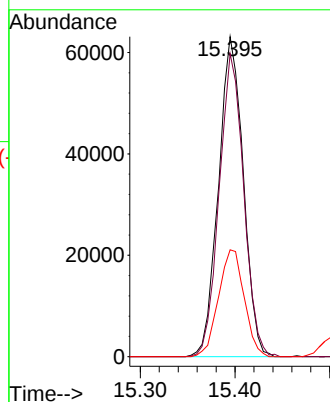
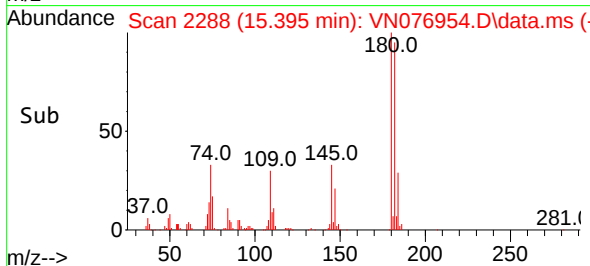
145 34.6 15.8 47.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/14/2023



#94

Hexachlorobutadiene

Concen: 21.066 ug/l

RT: 15.506 min Scan# 2307

Delta R.T. -0.001 min

Lab File: VN076954.D

Acq: 13 Mar 2023 12:07

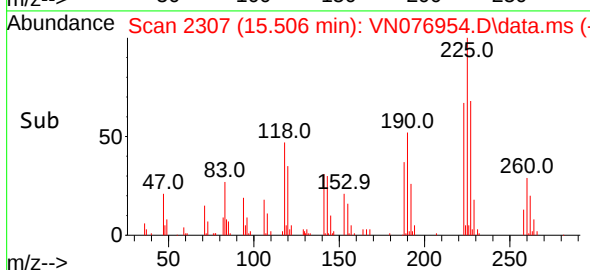
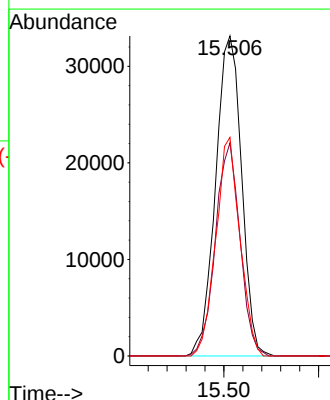
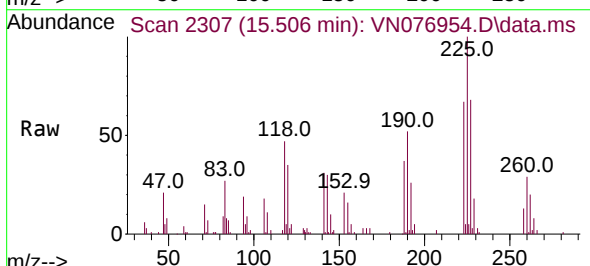
Tgt Ion:225 Resp: 63204

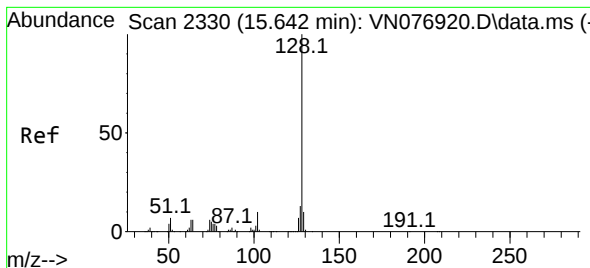
Ion Ratio Lower Upper

225 100

223 62.9 31.4 94.0

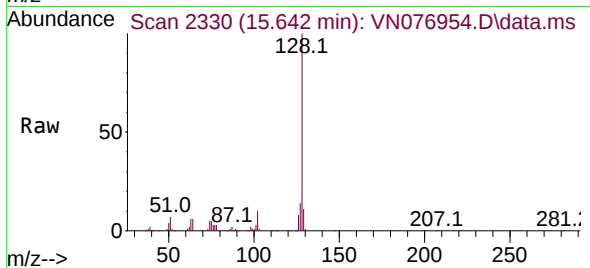
227 63.4 30.9 92.7





#95
Naphthalene
Concen: 22.195 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

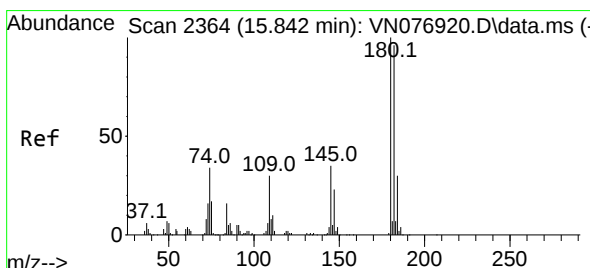
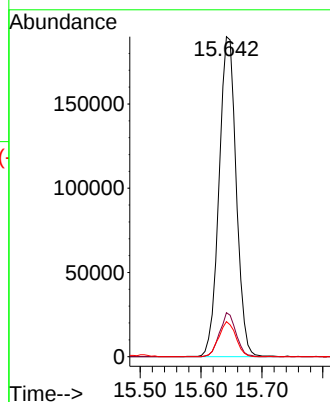
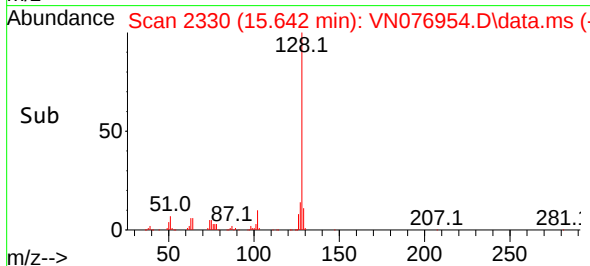
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



Tgt Ion:128 Resp: 372124
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 21.727 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076954.D
Acq: 13 Mar 2023 12:07

Tgt Ion:180 Resp: 118810
Ion Ratio Lower Upper
180 100
182 92.8 47.7 143.1
145 35.6 17.0 51.0

