

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122222\
 Data File : VN075951.D
 Acq On : 22 Dec 2022 17:48
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/27/2022
 Supervised By : Mahesh Dadoda 12/27/2022

Quant Time: Dec 23 05:24:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	286795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	466970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	426139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	212795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	165741	53.121	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.240%			
35) Dibromofluoromethane	8.177	113	151213	52.289	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.580%			
50) Toluene-d8	10.571	98	579551	53.601	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.200%			
62) 4-Bromofluorobenzene	12.853	95	199860	55.808	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	90093	44.243	ug/l	96
3) Chloromethane	2.377	50	109447	43.223	ug/l	94
4) Vinyl Chloride	2.524	62	138051	45.705	ug/l	94
5) Bromomethane	2.942	94	113803	44.333	ug/l	100
6) Chloroethane	3.118	64	104862	46.881	ug/l	96
7) Trichlorofluoromethane	3.506	101	215780	47.080	ug/l	94
8) Diethyl Ether	3.971	74	83056	49.615	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	125243	47.855	ug/l	100
10) Methyl Iodide	4.600	142	193374	45.528	ug/l	99
11) Tert butyl alcohol	5.541	59	107457	243.399	ug/l	99
12) 1,1-Dichloroethene	4.353	96	116735	45.926	ug/l	98
13) Acrolein	4.195	56	157038	290.141	ug/l	99
14) Allyl chloride	5.042	41	139364	46.902	ug/l	91
15) Acrylonitrile	5.730	53	309311	256.735	ug/l	99
16) Acetone	4.442	43	248694	231.226	ug/l	93
17) Carbon Disulfide	4.724	76	251731	40.903	ug/l	99
18) Methyl Acetate	5.042	43	159444	50.152	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	429442	51.305	ug/l	99
20) Methylene Chloride	5.283	84	139956	48.626	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	127297	45.729	ug/l	97
22) Diisopropyl ether	6.688	45	377505	52.299	ug/l	98
23) Vinyl Acetate	6.618	43	1271850	261.782	ug/l	98
24) 1,1-Dichloroethane	6.577	63	233976	48.603	ug/l	98
25) 2-Butanone	7.494	43	389846	258.869	ug/l	96
26) 2,2-Dichloropropane	7.500	77	199495	48.935	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	162259	48.737	ug/l	98
28) Bromochloromethane	7.824	49	99573	47.192	ug/l	97
29) Tetrahydrofuran	7.847	42	255811	271.059	ug/l	99
30) Chloroform	7.971	83	261352	48.219	ug/l	94
31) Cyclohexane	8.265	56	195475	43.745	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	236519	49.221	ug/l	96
36) 1,1-Dichloropropene	8.377	75	184242	47.960	ug/l	99
37) Ethyl Acetate	7.571	43	158314	51.305	ug/l	97
38) Carbon Tetrachloride	8.371	117	209633	48.757	ug/l	97
39) Methylcyclohexane	9.606	83	230755	49.790	ug/l	99
40) Benzene	8.612	78	572193	48.276	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	85116	53.067	ug/l	98
42) 1,2-Dichloroethane	8.677	62	193456	49.095	ug/l	99
43) Isopropyl Acetate	8.694	43	272467	53.529	ug/l	99
44) Trichloroethene	9.359	130	151980	45.515	ug/l	98
45) 1,2-Dichloropropane	9.629	63	140471	48.702	ug/l	98
46) Dibromomethane	9.712	93	103661	48.456	ug/l	99
47) Bromodichloromethane	9.894	83	211734	50.471	ug/l	99
48) Methyl methacrylate	9.688	41	125604	54.788	ug/l	100
49) 1,4-Dioxane	9.700	88	58032	1029.649	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	854316	277.529	ug/l	100
52) Toluene	10.635	92	383811	49.721	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	215981	52.593	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	236680	52.492	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	156018	51.494	ug/l	98
56) Ethyl methacrylate	10.876	69	224871	55.876	ug/l	98
57) 1,3-Dichloropropane	11.165	76	255063	51.322	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	353167	275.628	ug/l	99
59) 2-Hexanone	11.200	43	628274	279.867	ug/l	100
60) Dibromochloromethane	11.365	129	173102	51.373	ug/l	98
61) 1,2-Dibromoethane	11.471	107	157548	51.383	ug/l	100
64) Tetrachloroethene	11.106	164	137895	45.986	ug/l	98
65) Chlorobenzene	11.894	112	424075	48.485	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	163106	50.347	ug/l	100
67) Ethyl Benzene	11.965	91	752141	50.952	ug/l	99
68) m/p-Xylenes	12.076	106	598407	102.420	ug/l	99
69) o-Xylene	12.400	106	298128	51.562	ug/l	98
70) Styrene	12.412	104	489065	53.198	ug/l	99
71) Bromoform	12.582	173	125370	53.183	ug/l #	100
73) Isopropylbenzene	12.700	105	771169	50.149	ug/l	100
74) N-amyl acetate	12.500	43	247319	54.823	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	230469	48.481	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	199827m	46.586	ug/l	
77) Bromobenzene	12.982	156	185765	47.734	ug/l	98
78) n-propylbenzene	13.041	91	885995	52.239	ug/l	99
79) 2-Chlorotoluene	13.129	91	520095	49.125	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	666253	51.767	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	63687	53.443	ug/l	98
82) 4-Chlorotoluene	13.129	91	520095	49.125	ug/l	100
83) tert-Butylbenzene	13.441	119	598754	52.766	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	665779	52.145	ug/l	99
85) sec-Butylbenzene	13.617	105	836847	53.432	ug/l	100
86) p-Isopropyltoluene	13.735	119	705587	54.142	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	351713	48.926	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	348390	47.440	ug/l	99
89) n-Butylbenzene	14.059	91	572903	54.264	ug/l	100
90) Hexachloroethane	14.341	117	124844	53.554	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	351531	49.645	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	40484	47.994	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	174769	49.855	ug/l	99
94) Hexachlorobutadiene	15.506	225	93293	48.778	ug/l	99
95) Naphthalene	15.647	128	527987	45.783	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	170165	51.935	ug/l	99

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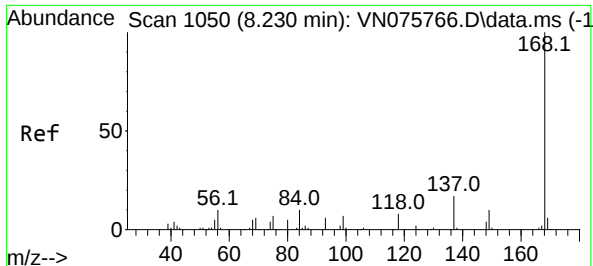
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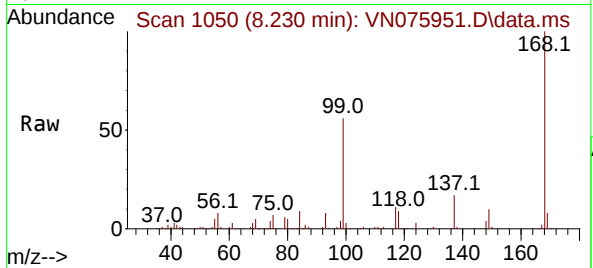
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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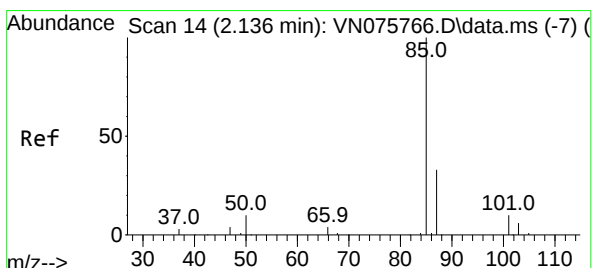
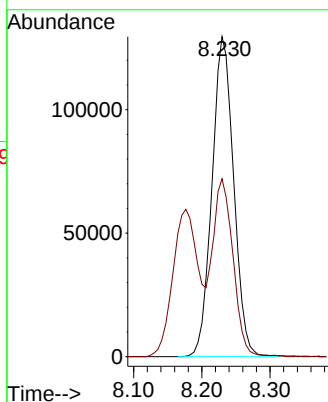
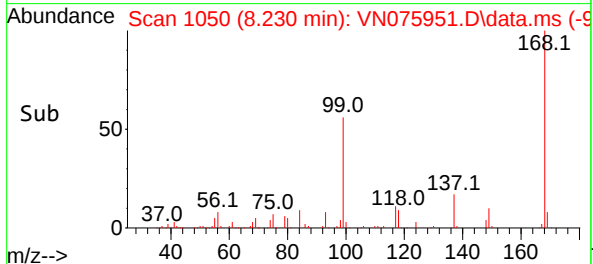
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 286795
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4

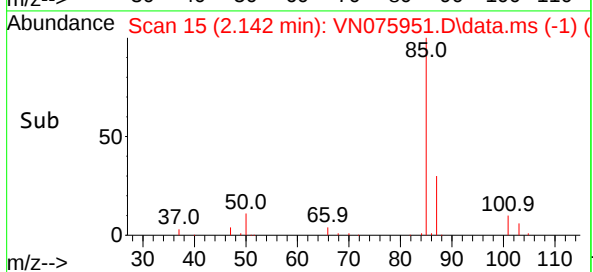
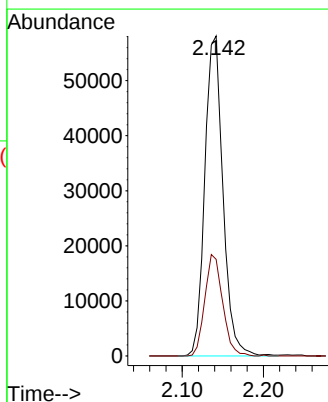
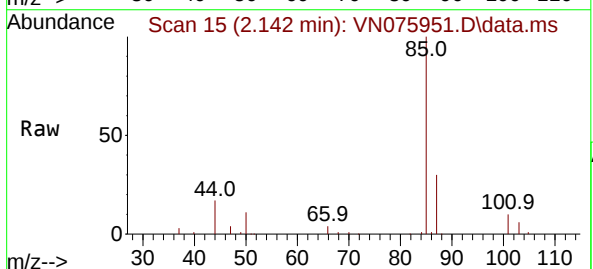
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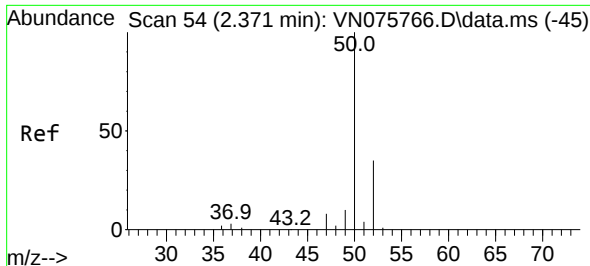
Reviewed By :John Carlone 12/27/2022
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#2
Dichlorodifluoromethane
Concen: 44.243 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

Tgt Ion: 85 Resp: 90093
Ion Ratio Lower Upper
85 100
87 30.2 16.3 48.9





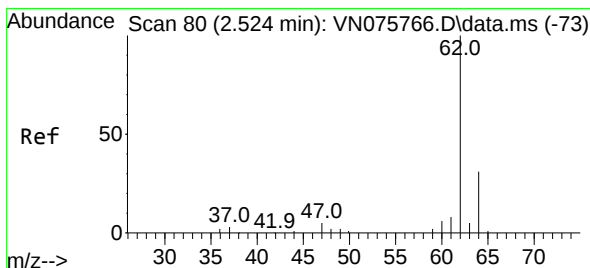
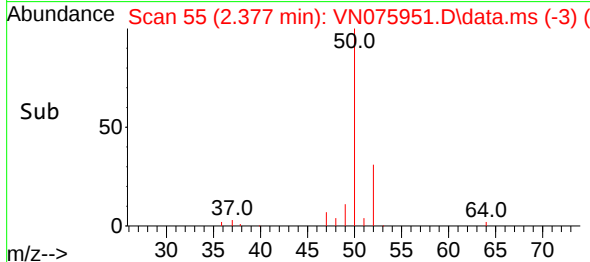
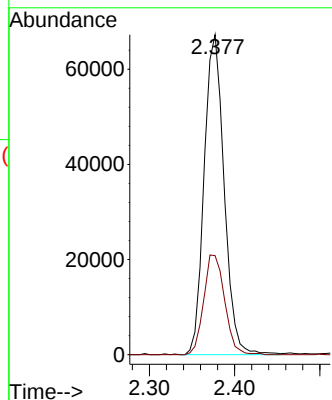
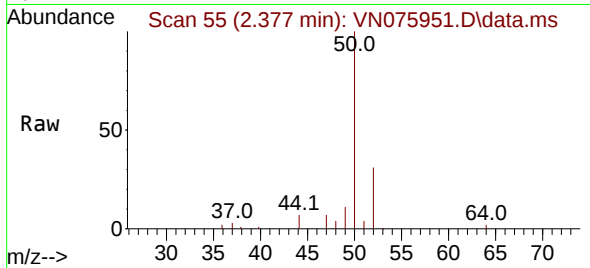
#3
Chloromethane
Concen: 43.223 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN075951.D
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Tgt Ion: 50 Resp: 10944
Ion Ratio Lower Upper
50 100
52 31.0 27.7 41.5

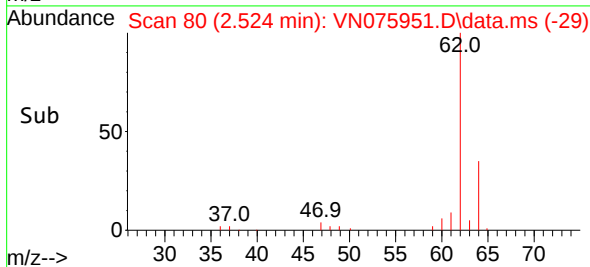
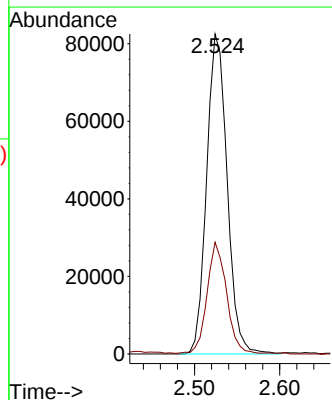
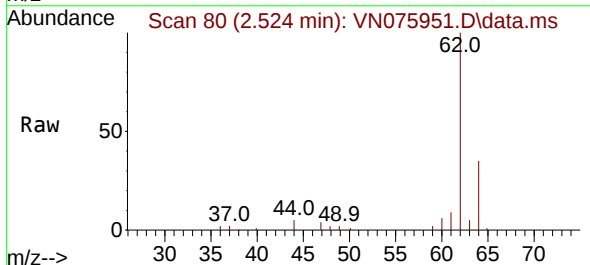
Manual Integrations
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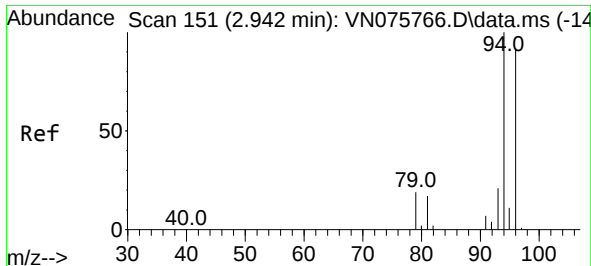
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#4
Vinyl Chloride
Concen: 45.705 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

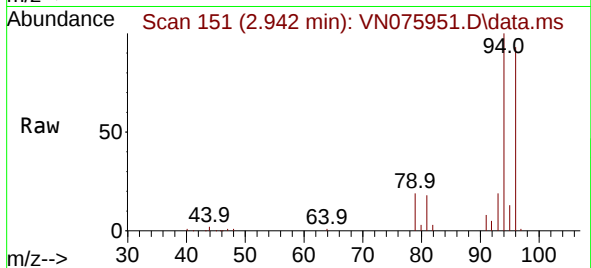
Tgt Ion: 62 Resp: 138051
Ion Ratio Lower Upper
62 100
64 34.7 24.9 37.3





#5
Bromomethane
Concen: 44.333 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075951.D
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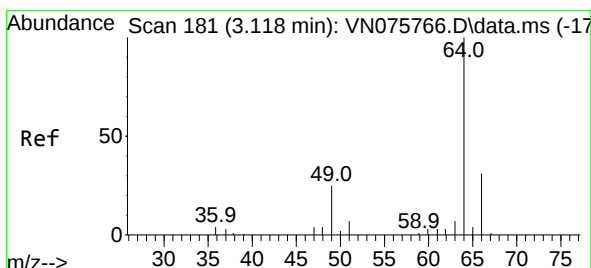
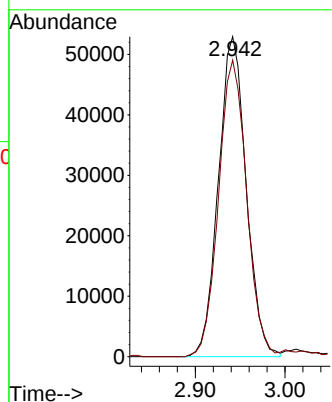
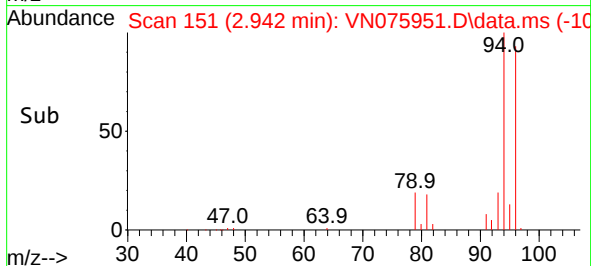
Instrument :
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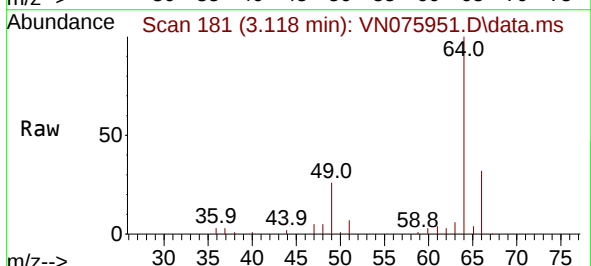
Tgt Ion: 94 Resp: 11380
Ion Ratio Lower Upper
94 100
96 92.7 73.8 110.6

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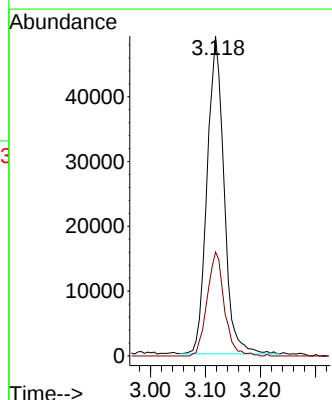
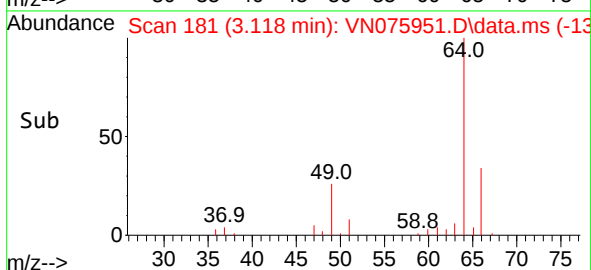
Reviewed By :John Carlone 12/27/2022
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#6
Chloroethane
Concen: 46.881 ug/l
RT: 3.118 min Scan# 181
Delta R.T. -0.000 min
Lab File: VN075951.D
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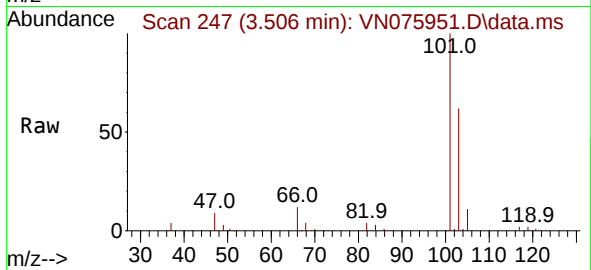
Tgt Ion: 64 Resp: 104862
Ion Ratio Lower Upper
64 100
66 32.7 24.6 36.8





#7
Trichlorofluoromethane
Concen: 47.080 ug/l
RT: 3.506 min Scan# 246
Delta R.T. 0.006 min
Lab File: VN075951.D
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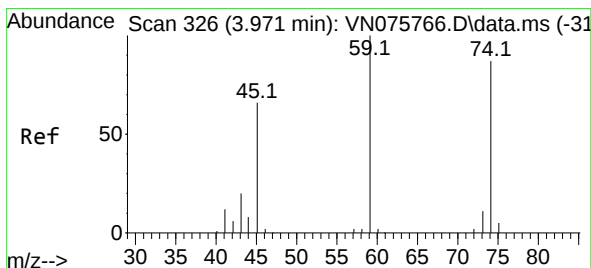
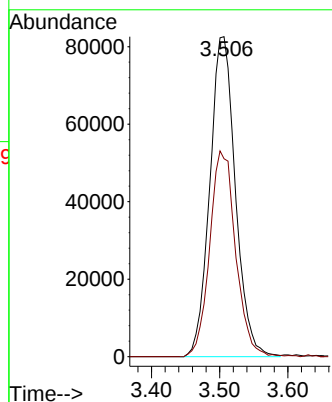
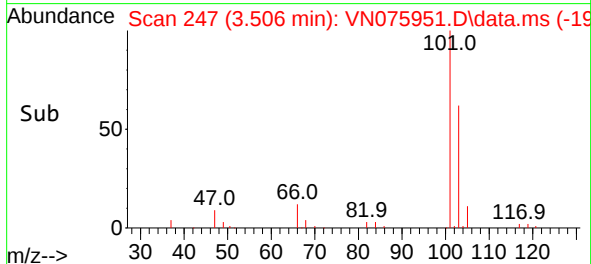
Instrument :
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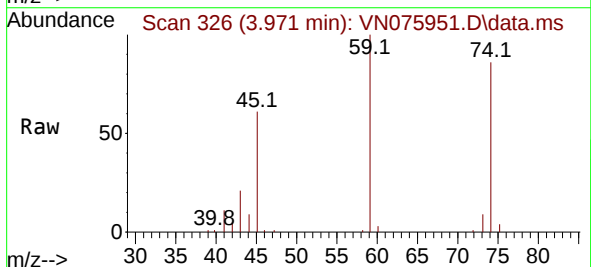
Tgt Ion:101 Resp: 215780
Ion Ratio Lower Upper
101 100
103 61.9 53.4 80.2

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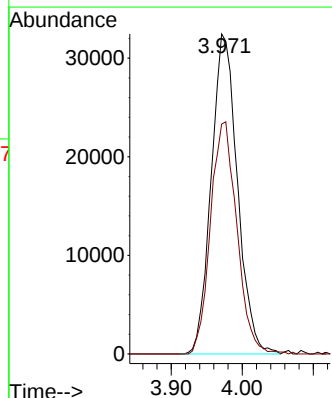
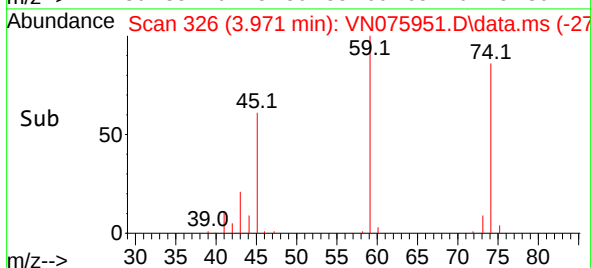
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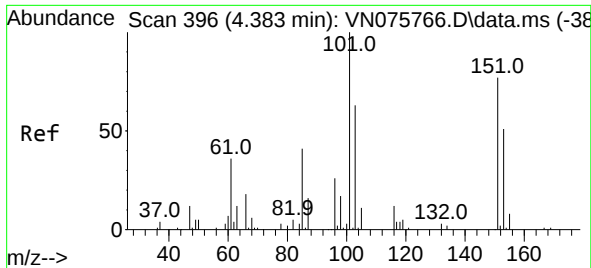


#8
Diethyl Ether
Concen: 49.615 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 83056
Ion Ratio Lower Upper
74 100
45 73.1 37.8 113.4





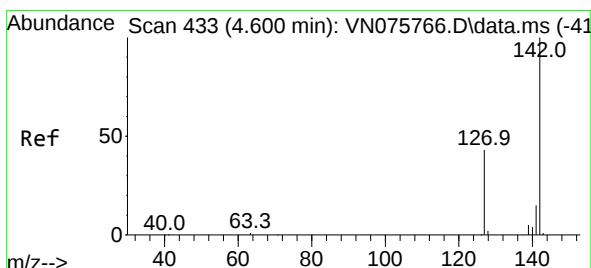
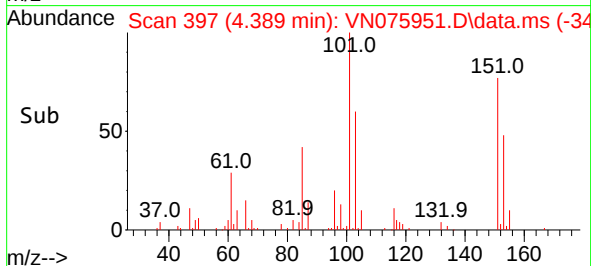
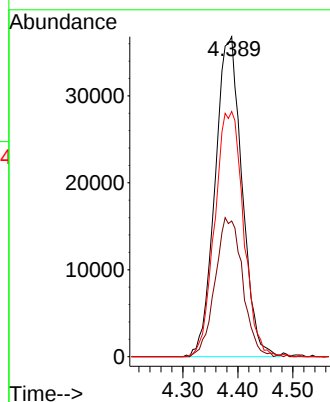
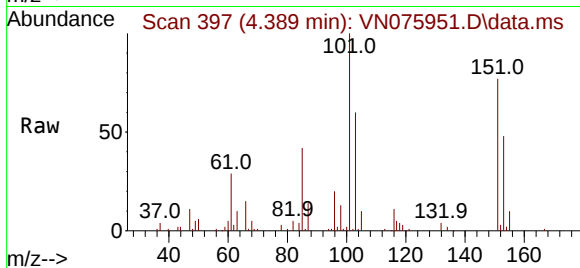
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.855 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075951.D
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 12524
Ion Ratio Lower Upper
101 100
85 44.4 35.3 52.9
151 81.7 65.6 98.4

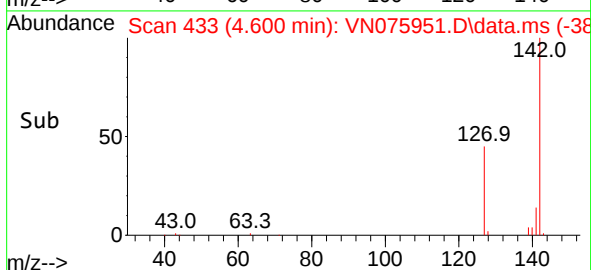
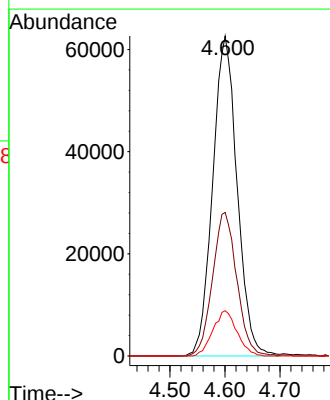
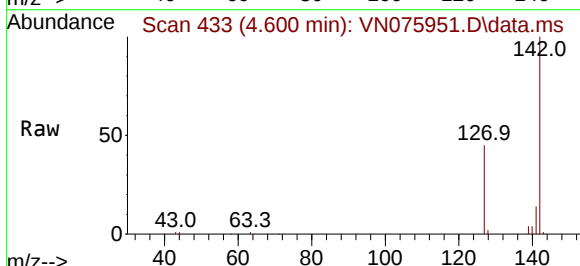
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#10
Methyl Iodide
Concen: 45.528 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

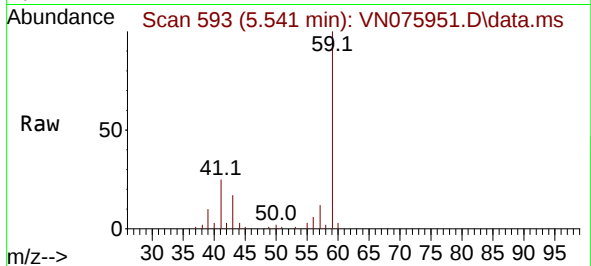
Tgt Ion:142 Resp: 193374
Ion Ratio Lower Upper
142 100
127 44.5 34.7 52.1
141 14.0 11.4 17.2





#11
Tert butyl alcohol
Concen: 243.399 ug/l
RT: 5.541 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

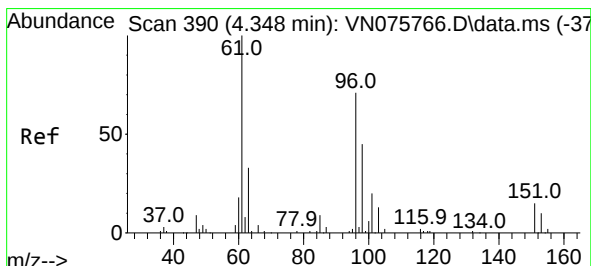
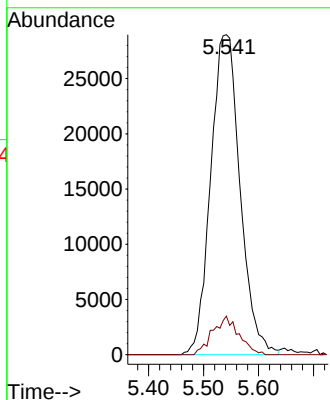
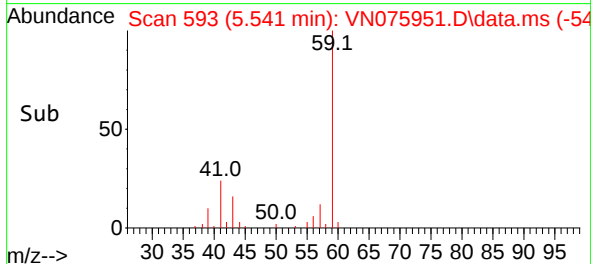
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 10745
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

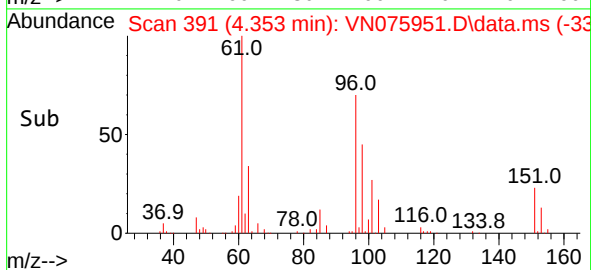
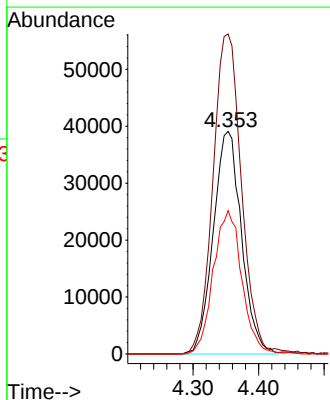
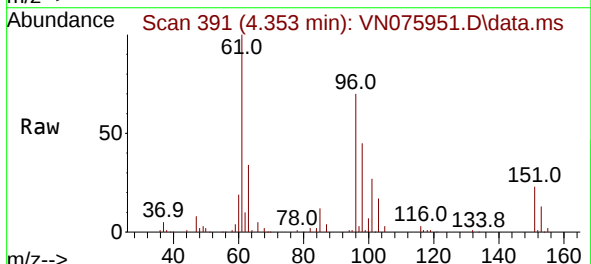
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#12
1,1-Dichloroethene
Concen: 45.926 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

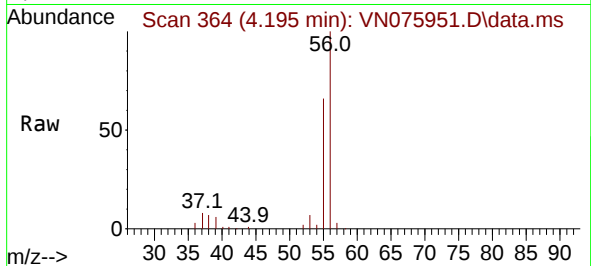
Tgt Ion: 96 Resp: 116735
Ion Ratio Lower Upper
96 100
61 143.8 113.3 169.9
98 64.4 50.9 76.3





#13
Acrolein
Concen: 290.141 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

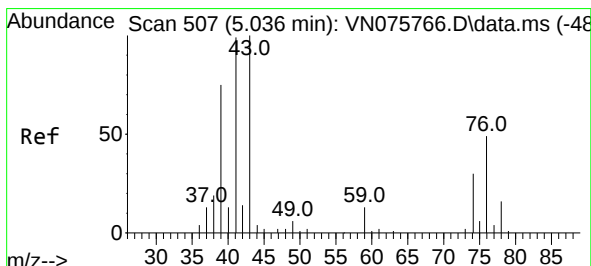
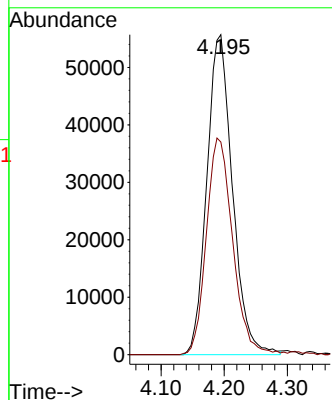
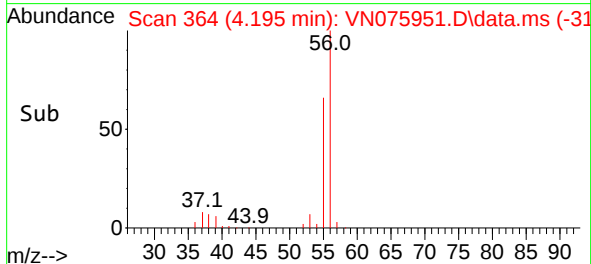
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



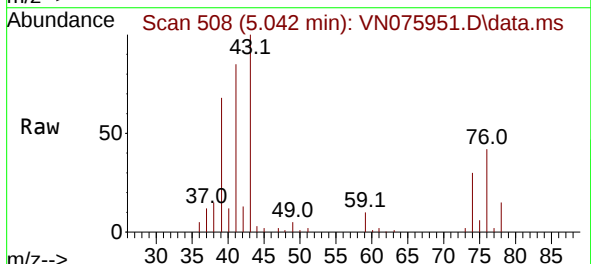
Tgt Ion: 56 Resp: 157038
Ion Ratio Lower Upper
56 100
55 69.6 54.8 82.2

Manual Integrations
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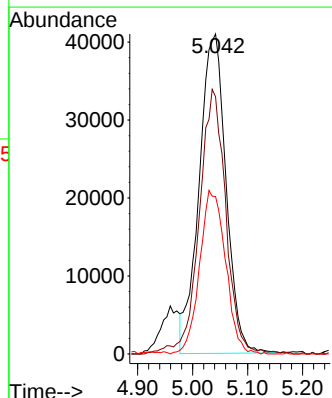
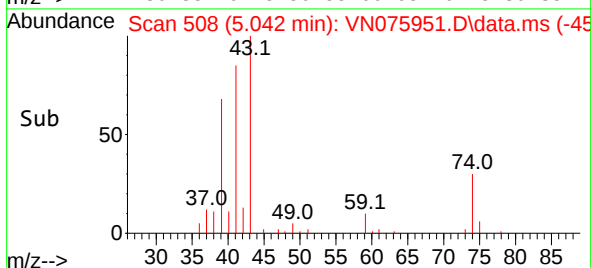
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

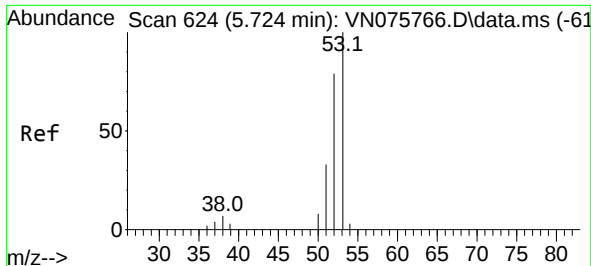


#14
Allyl chloride
Concen: 46.902 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48



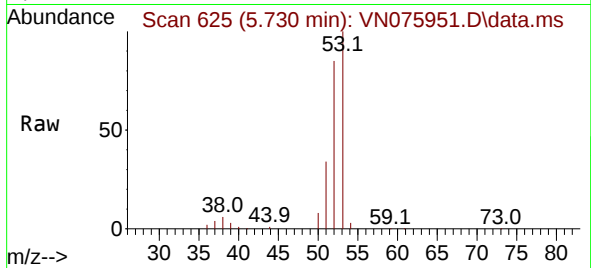
Tgt Ion: 41 Resp: 139364
Ion Ratio Lower Upper
41 100
39 81.9 58.3 87.5
76 49.3 35.8 53.6





#15
Acrylonitrile
Concen: 256.735 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

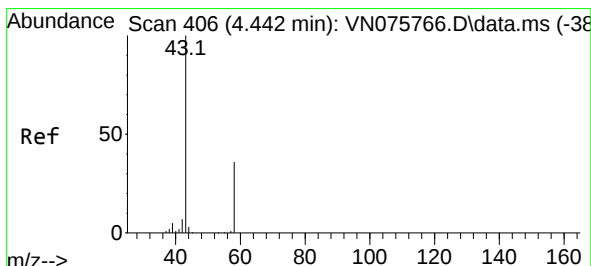
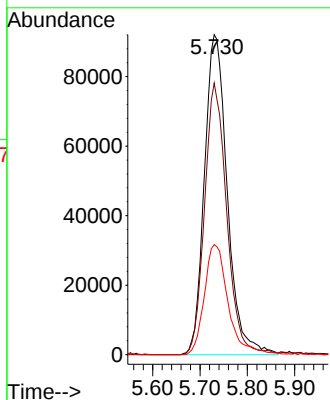
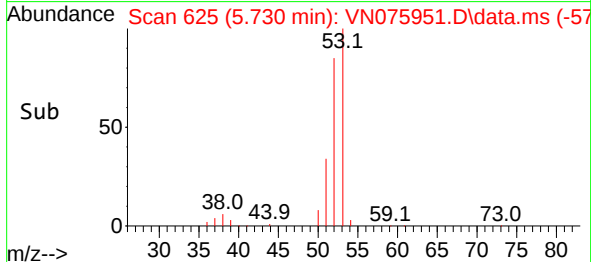
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 30931
Ion Ratio Lower Upper
53 100
52 82.2 65.4 98.0
51 35.7 28.9 43.3

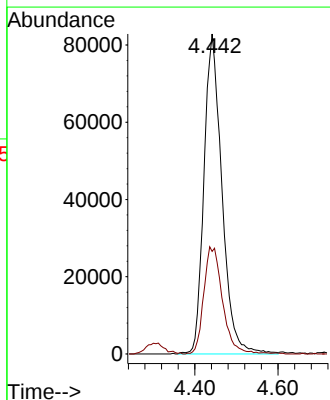
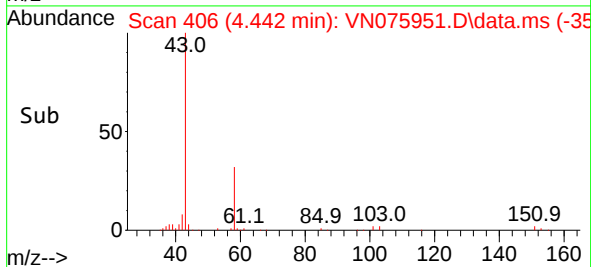
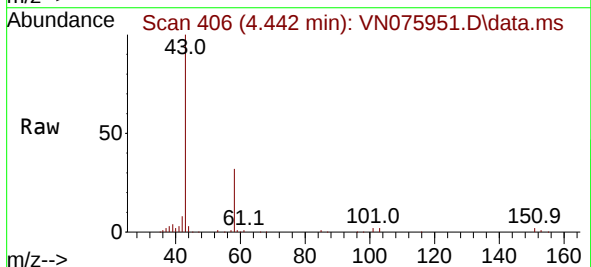
Manual Integrations
APPROVED

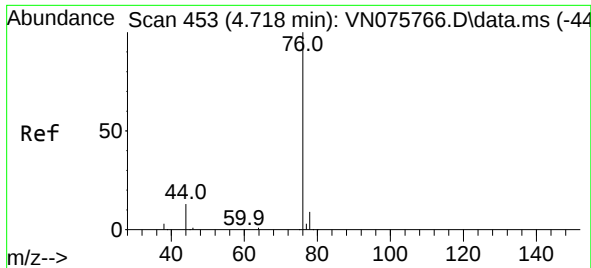
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#16
Acetone
Concen: 231.226 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

Tgt Ion: 43 Resp: 248694
Ion Ratio Lower Upper
43 100
58 31.9 28.6 43.0





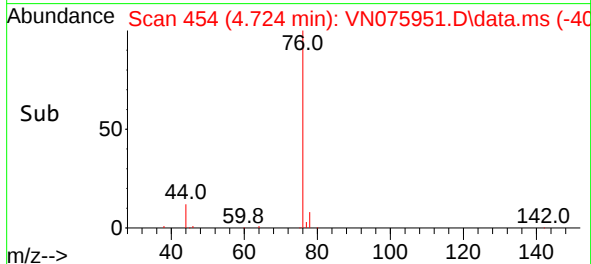
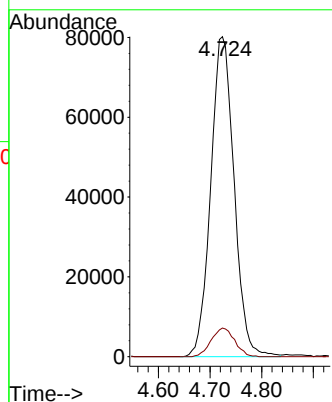
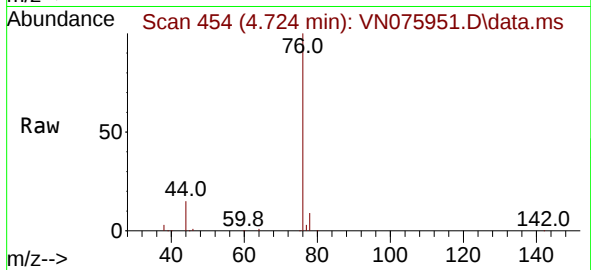
#17
Carbon Disulfide
Concen: 40.903 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 25173
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2

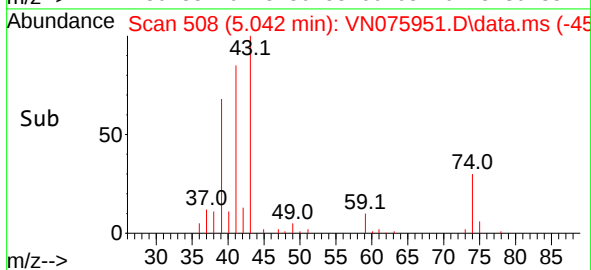
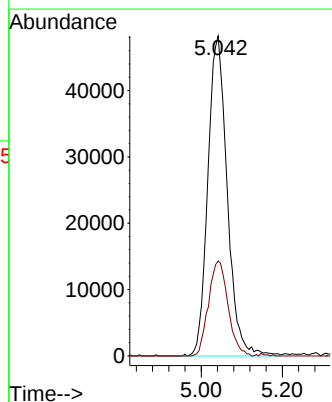
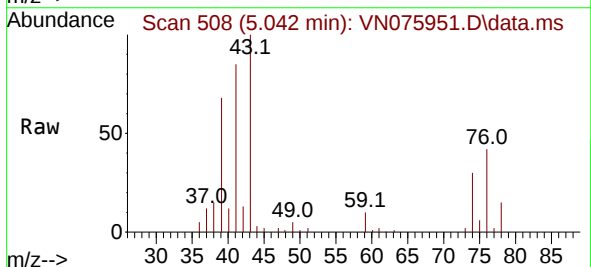
Manual Integrations
APPROVED

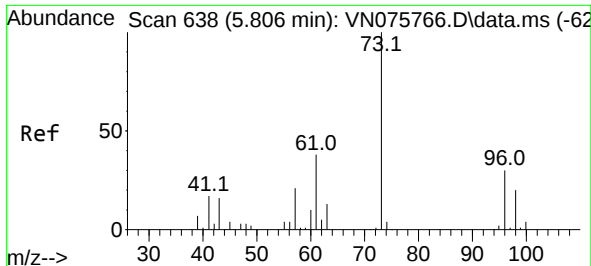
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#18
Methyl Acetate
Concen: 50.152 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

Tgt Ion: 43 Resp: 159444
Ion Ratio Lower Upper
43 100
74 30.0 23.6 35.4





#19
Methyl tert-butyl Ether
Concen: 51.305 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

Instrument :

MSVOA_N

ClientSampleId :

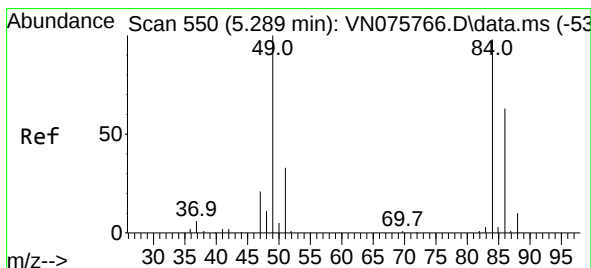
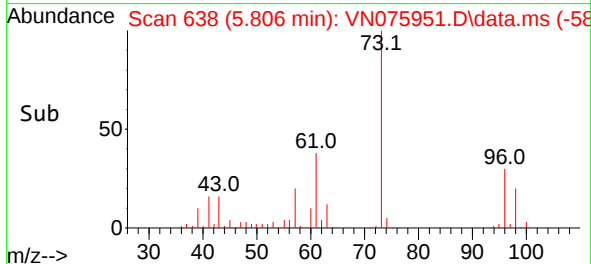
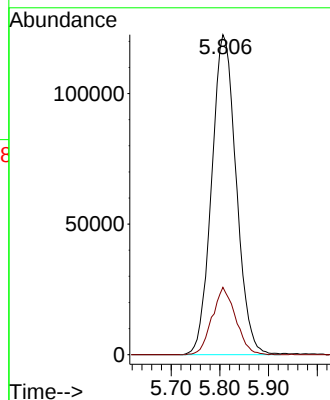
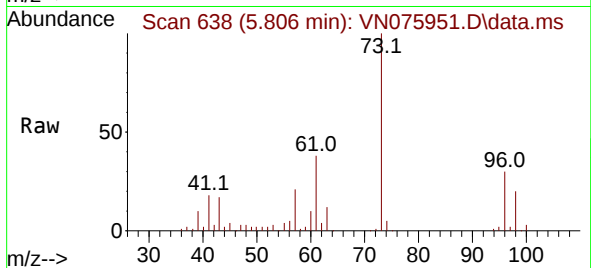
VSTDCCC050EC

Tgt Ion: 73 Resp: 42944
Ion Ratio Lower Upper
73 100
57 21.0 17.1 25.7

Manual Integrations

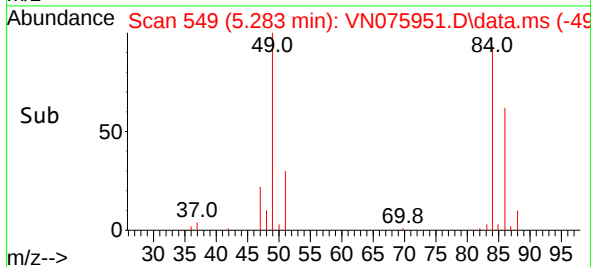
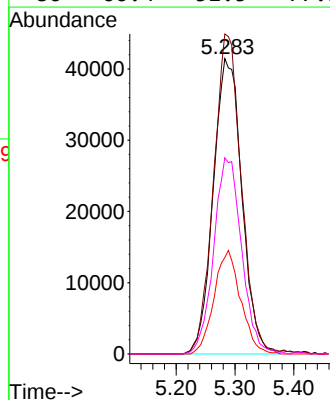
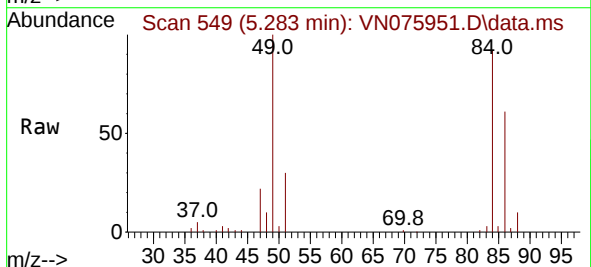
APPROVED

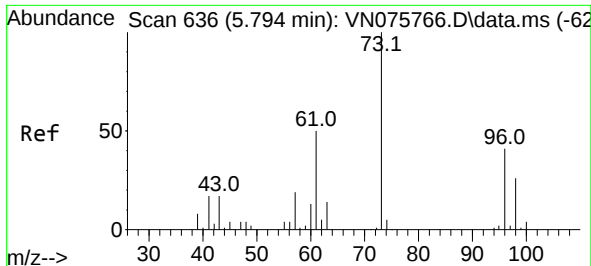
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#20
Methylene Chloride
Concen: 48.626 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

Tgt Ion: 84 Resp: 139956
Ion Ratio Lower Upper
84 100
49 108.3 81.8 122.6
51 32.7 26.7 40.1
86 66.4 51.5 77.3





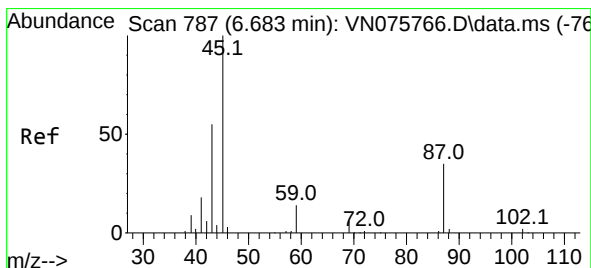
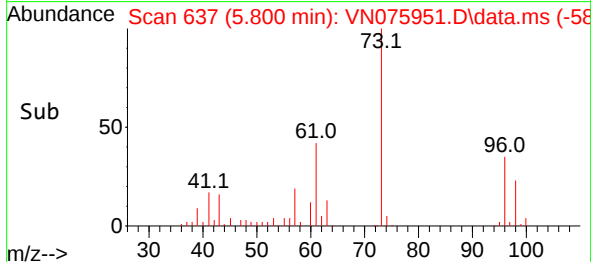
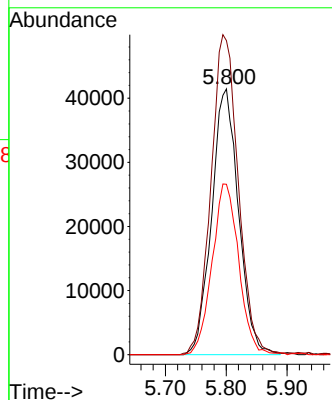
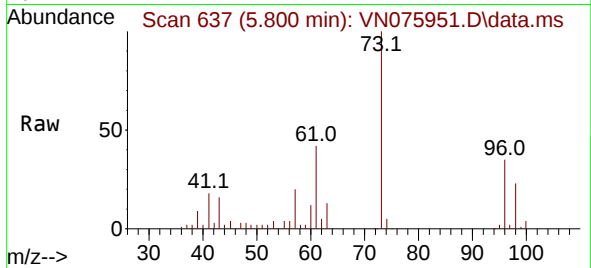
#21
trans-1,2-Dichloroethene
Concen: 45.729 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 12729
Ion Ratio Lower Upper
96 100
61 118.2 98.1 147.1
98 64.1 51.4 77.2

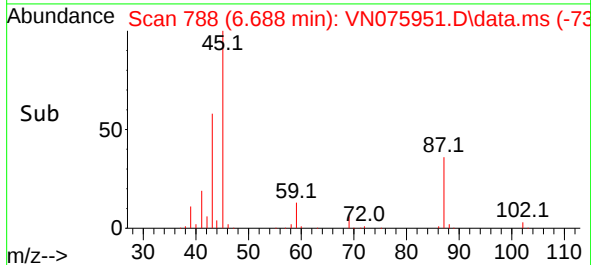
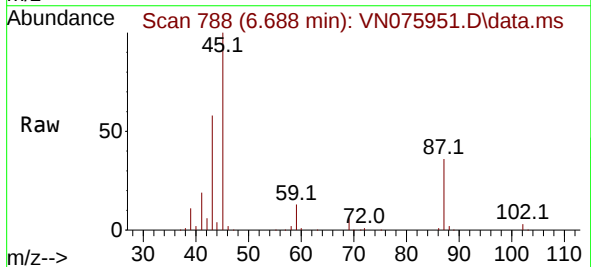
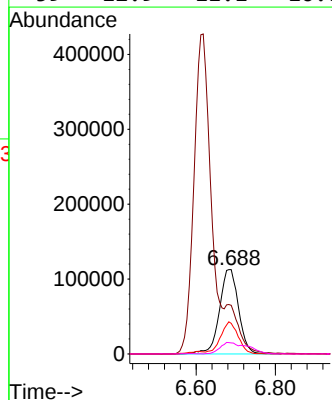
Manual Integrations
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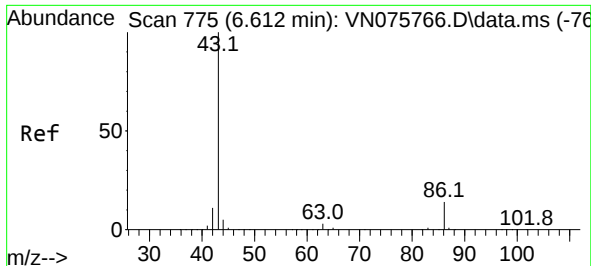
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#22
Diisopropyl ether
Concen: 52.299 ug/l
RT: 6.688 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

Tgt Ion: 45 Resp: 377505
Ion Ratio Lower Upper
45 100
43 56.7 44.2 66.4
87 36.3 28.3 42.5
59 12.9 11.1 16.7





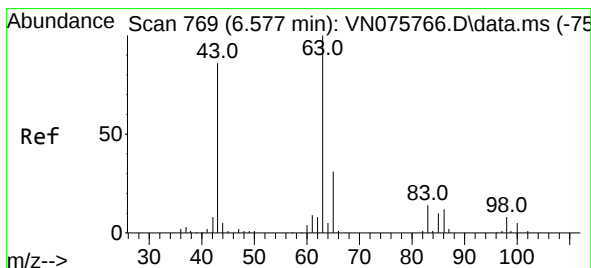
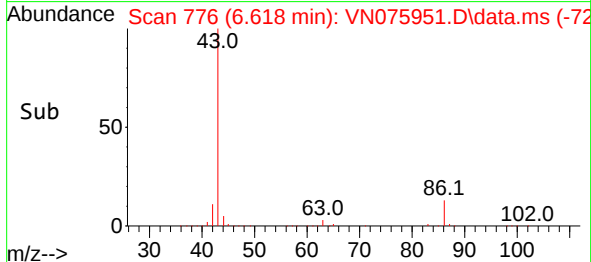
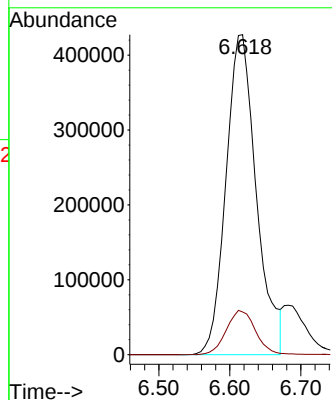
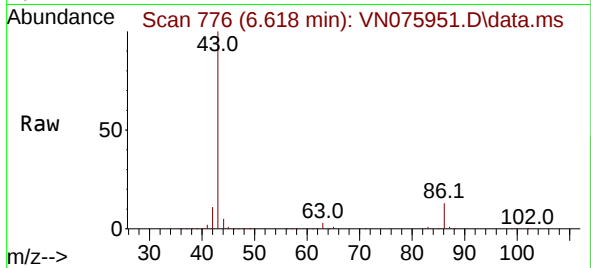
#23
 Vinyl Acetate
 Concen: 261.782 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN075951.D
 Acq: 22 Dec 2022 17:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1271850
 Ion Ratio Lower Upper
 43 100
 86 13.3 11.4 17.2

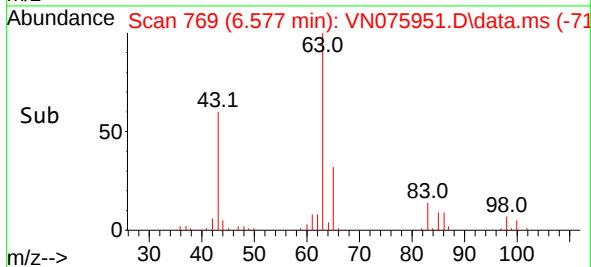
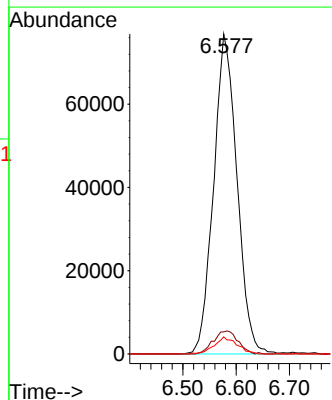
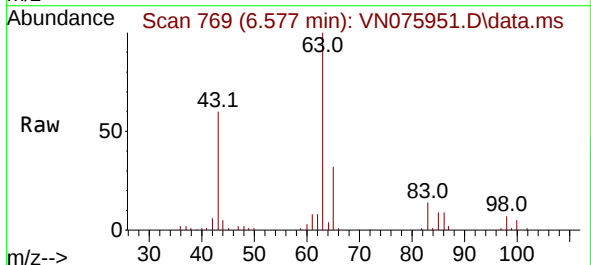
Manual Integrations
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Reviewed By :John Carlone 12/27/2022
 Supervised By :Mahesh Dadoda 12/27/2022



#24
 1,1-Dichloroethane
 Concen: 48.603 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075951.D
 Acq: 22 Dec 2022 17:48

Tgt Ion: 63 Resp: 233976
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.5
 100 5.3 2.5 7.6





#25

2-Butanone

Concen: 258.869 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075951.D

Acq: 22 Dec 2022 17:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 389840

Ion Ratio Lower Upper

43 100

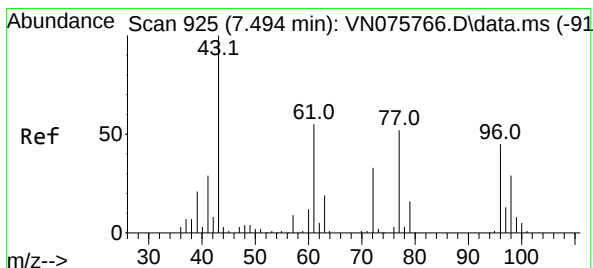
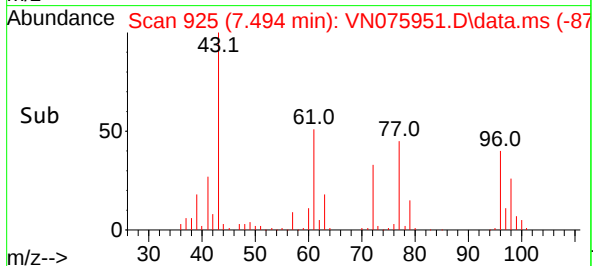
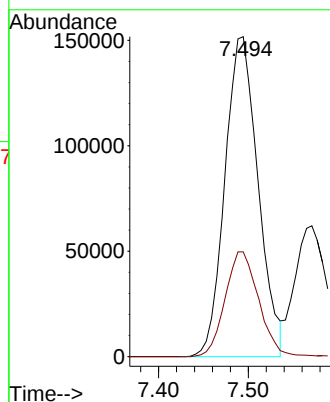
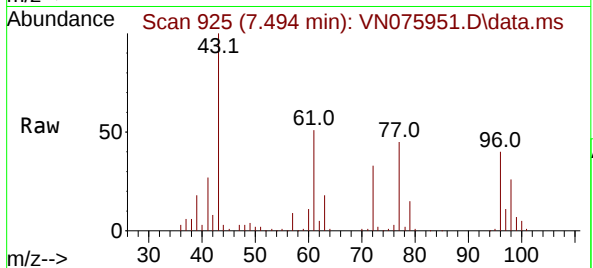
72 32.7 28.0 42.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#26

2,2-Dichloropropane

Concen: 48.935 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075951.D

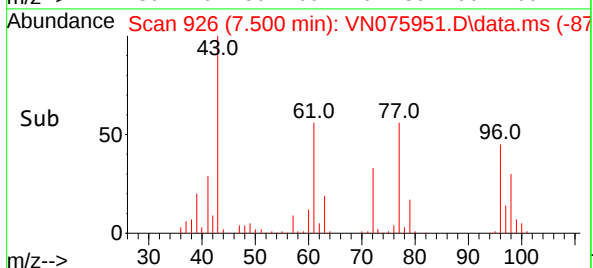
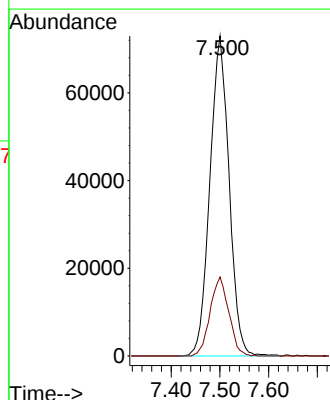
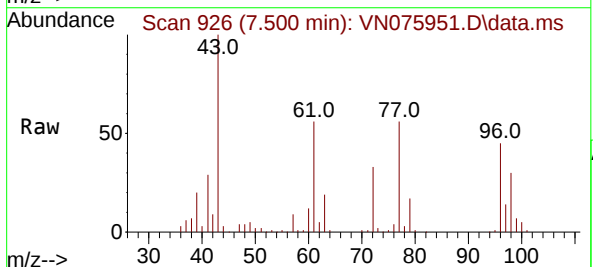
Acq: 22 Dec 2022 17:48

Tgt Ion: 77 Resp: 199495

Ion Ratio Lower Upper

77 100

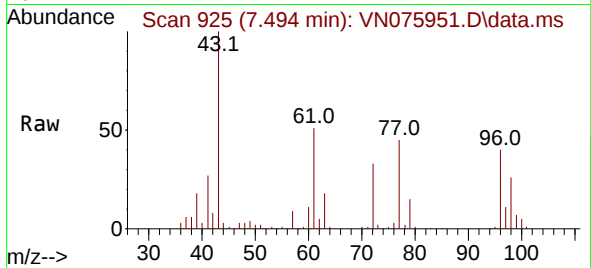
97 24.0 12.7 38.0





#27
 cis-1,2-Dichloroethene
 Concen: 48.737 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN075951.D
 Acq: 22 Dec 2022 17:48

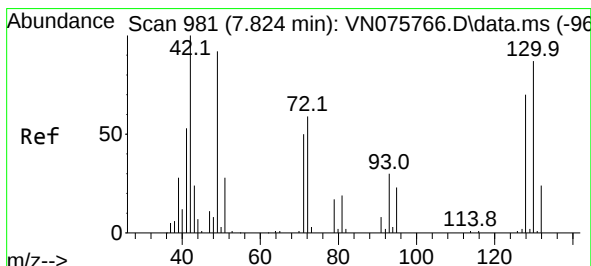
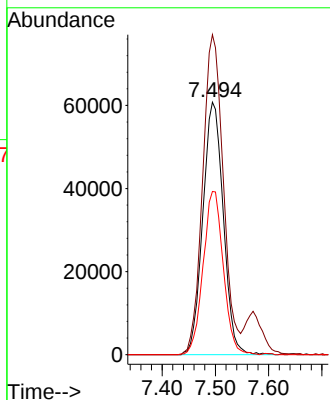
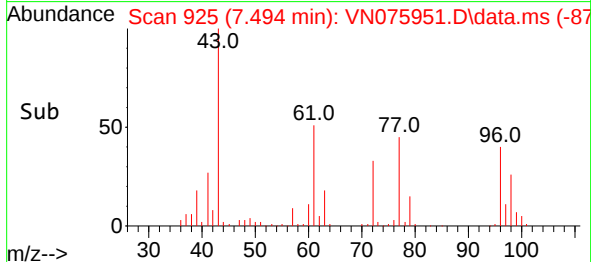
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 162259
 Ion Ratio Lower Upper
 96 100
 61 127.7 0.0 247.8
 98 63.8 0.0 128.4

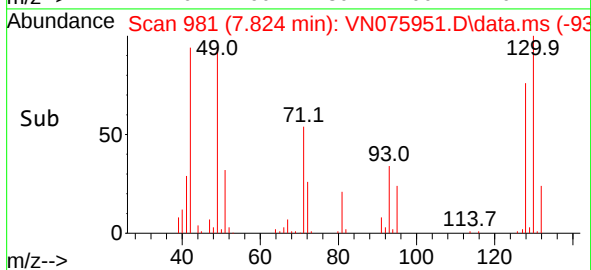
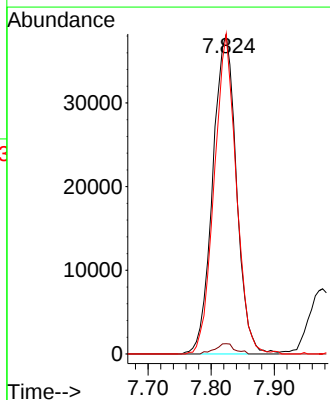
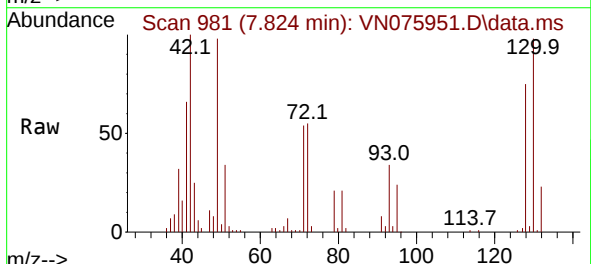
Manual Integrations
 APPROVED

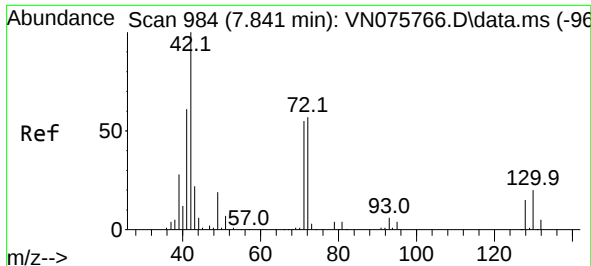
Reviewed By :John Carlone 12/27/2022
 Supervised By :Mahesh Dadoda 12/27/2022



#28
 Bromochloromethane
 Concen: 47.192 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. -0.000 min
 Lab File: VN075951.D
 Acq: 22 Dec 2022 17:48

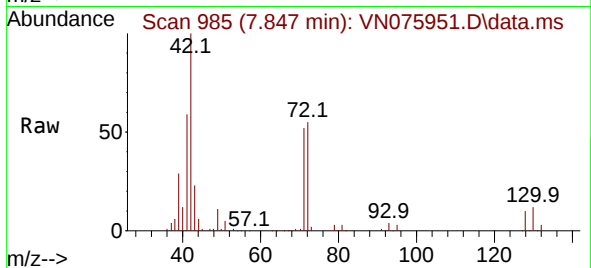
Tgt Ion: 49 Resp: 99573
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.0
 130 93.1 77.0 115.4





#29
Tetrahydrofuran
Concen: 271.059 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.006 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

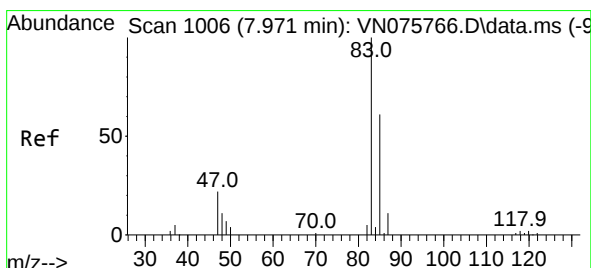
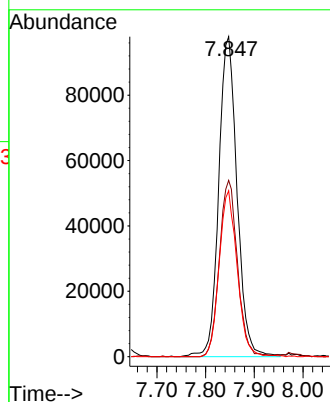
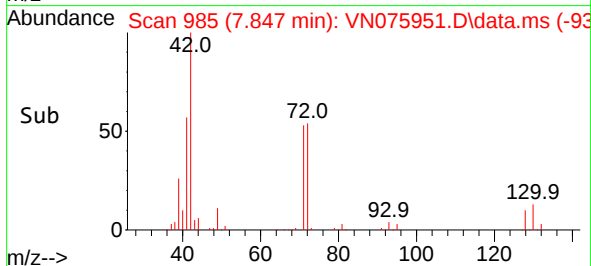
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 25581
Ion Ratio Lower Upper
42 100
72 54.7 44.5 66.7
71 51.0 41.0 61.6

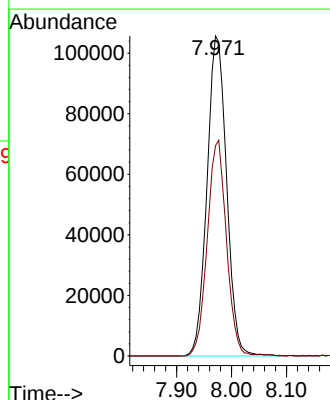
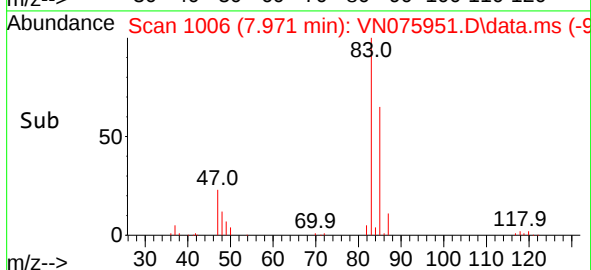
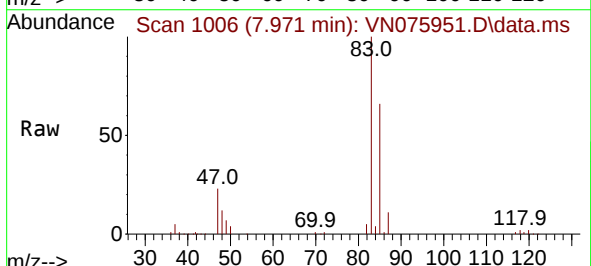
Manual Integrations
APPROVED

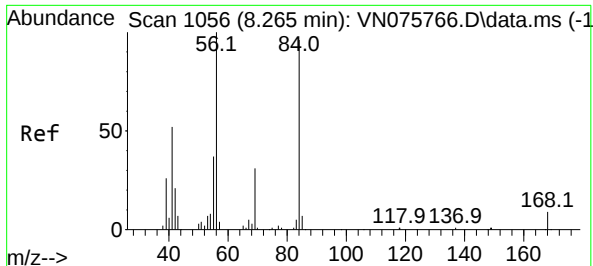
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#30
Chloroform
Concen: 48.219 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

Tgt Ion: 83 Resp: 261352
Ion Ratio Lower Upper
83 100
85 65.7 49.1 73.7





#31

Cyclohexane

Concen: 43.745 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN075951.D

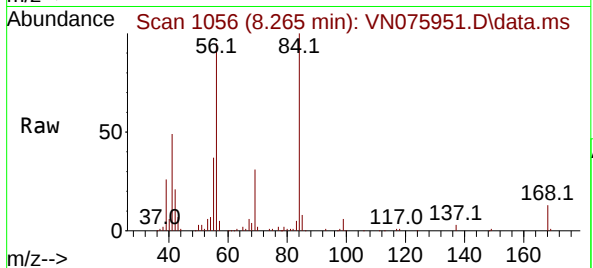
Acq: 22 Dec 2022 17:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



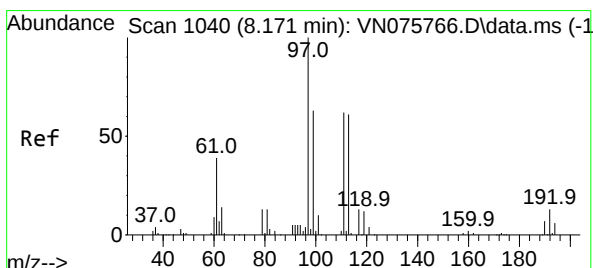
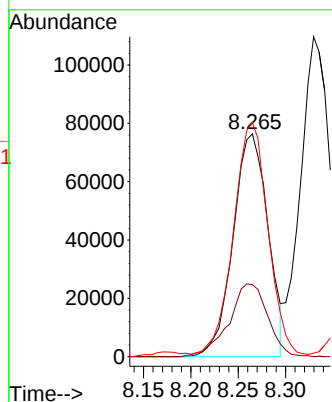
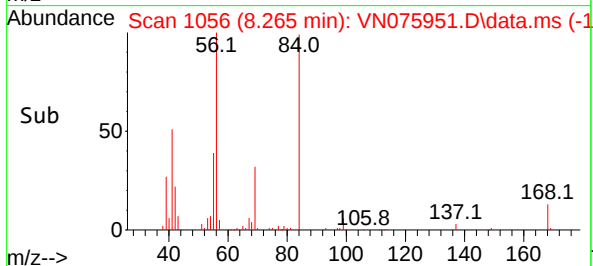
Tgt Ion:	56	69	84
Resp:	19547	32.3	103.7
Ratio	100	32.3	103.7
Lower		24.7	76.5
Upper		37.1	114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#32

1,1,1-Trichloroethane

Concen: 49.221 ug/l

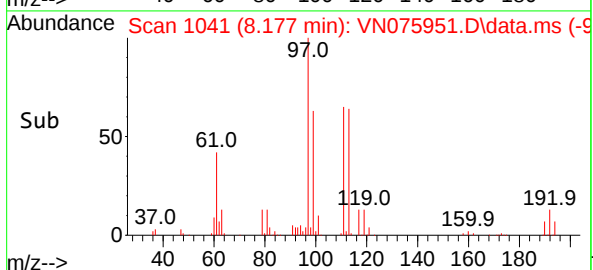
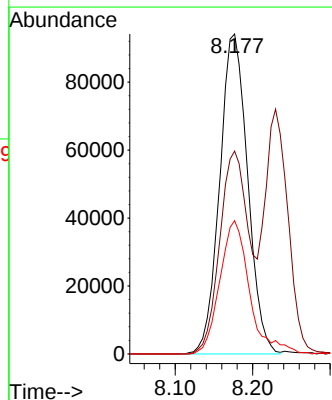
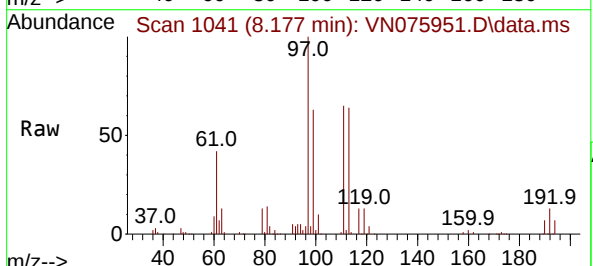
RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075951.D

Acq: 22 Dec 2022 17:48

Tgt Ion:	97	99	61
Resp:	236519	67.0	44.4
Ratio	100	67.0	44.4
Lower		50.2	34.5
Upper		75.2	51.7





#33

1,2-Dichloroethane-d4

Concen: 53.121 ug/l

RT: 8.588 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VN075951.D

Acq: 22 Dec 2022 17:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 16574

Ion Ratio Lower Upper

65 100

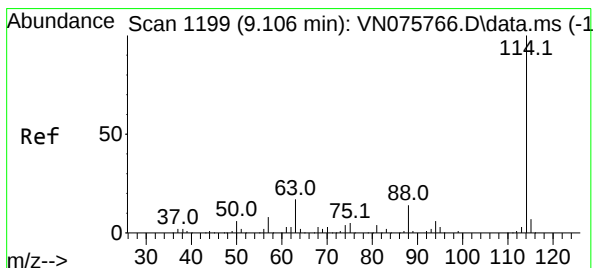
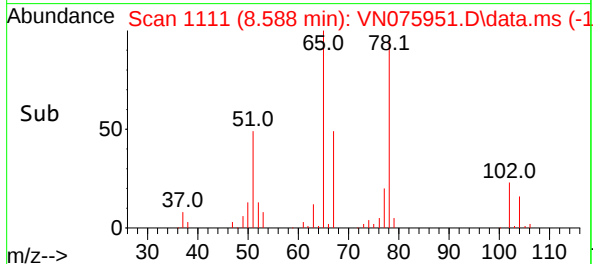
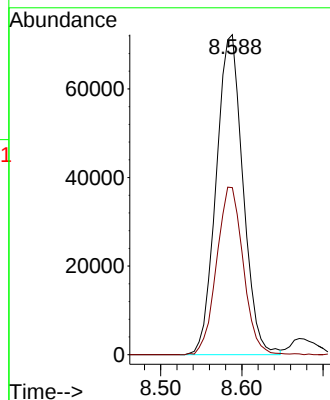
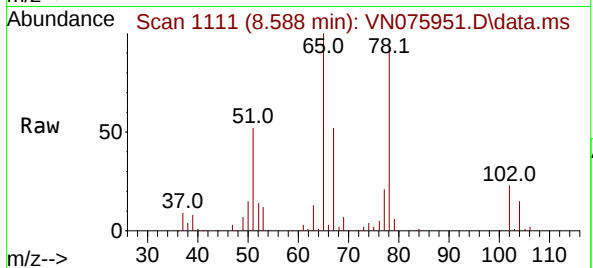
67 52.1 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075951.D

Acq: 22 Dec 2022 17:48

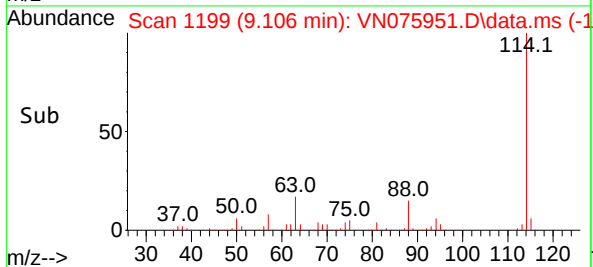
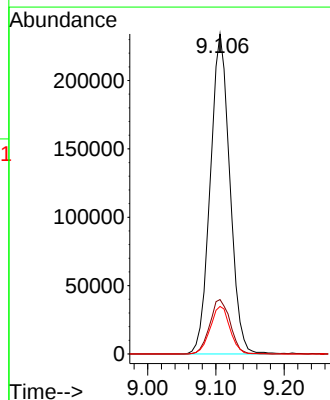
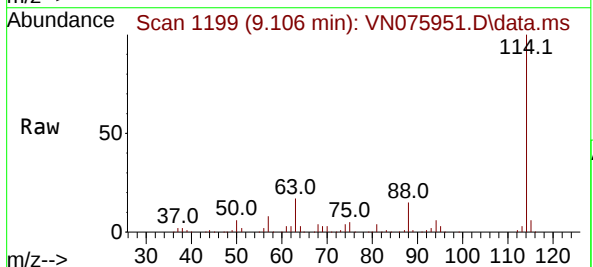
Tgt Ion:114 Resp: 466970

Ion Ratio Lower Upper

114 100

63 17.0 0.0 34.4

88 14.8 0.0 28.8





#35

Dibromofluoromethane

Concen: 52.289 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075951.D

Acq: 22 Dec 2022 17:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 15121

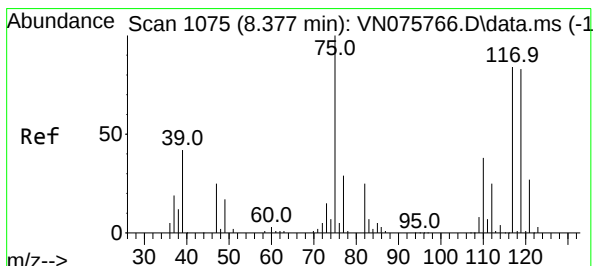
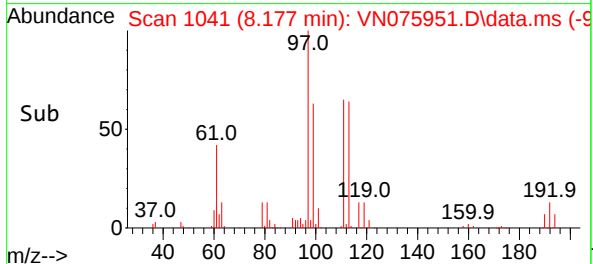
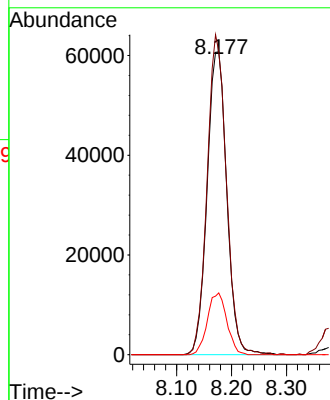
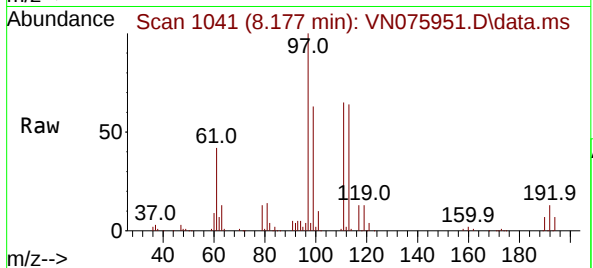
Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.4	125.2
192	20.1	16.1	24.1

Manual Integrations

APPROVED

Reviewed By : John Carlone 12/27/2022

Supervised By : Mahesh Dadoda 12/27/2022



#36

1,1-Dichloropropene

Concen: 47.960 ug/l

RT: 8.377 min Scan# 1075

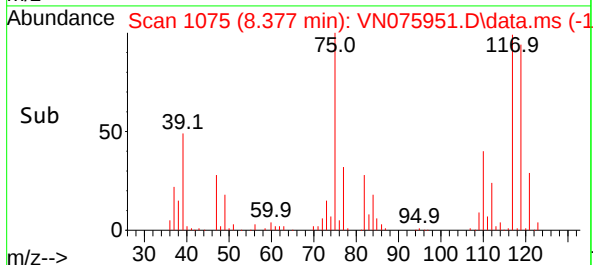
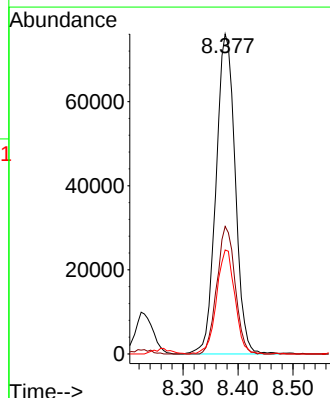
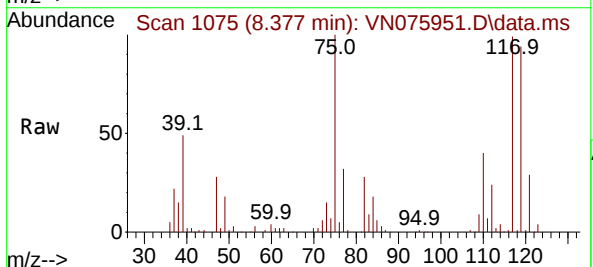
Delta R.T. -0.000 min

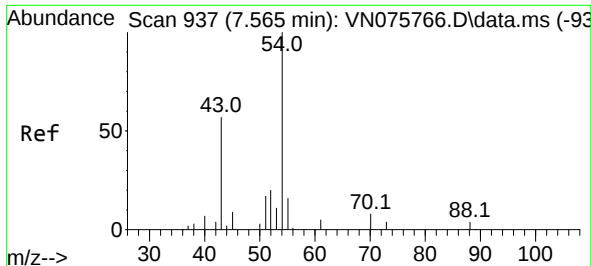
Lab File: VN075951.D

Acq: 22 Dec 2022 17:48

Tgt Ion: 75 Resp: 184242

Ion	Ratio	Lower	Upper
75	100		
110	37.9	18.8	56.4
77	31.3	24.1	36.1





#37

Ethyl Acetate

Concen: 51.305 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075951.D

Acq: 22 Dec 2022 17:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 158314

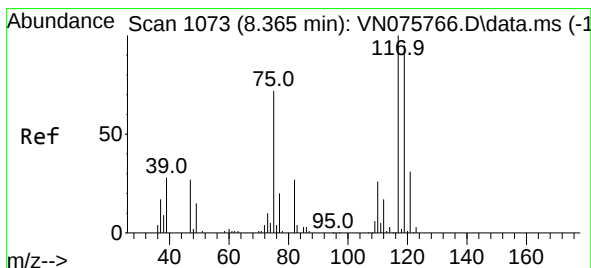
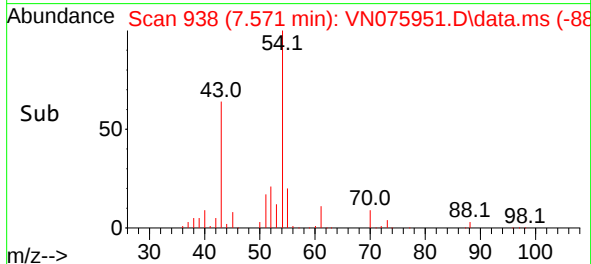
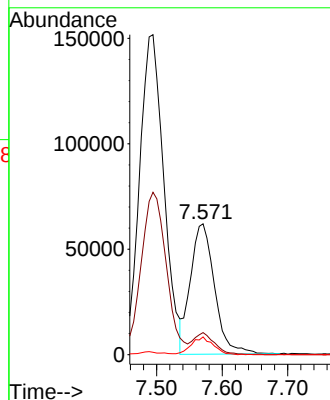
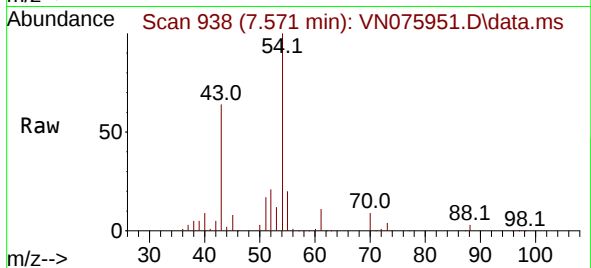
Ion	Ratio	Lower	Upper
43	100		
61	14.3	13.0	19.4
70	12.3	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#38

Carbon Tetrachloride

Concen: 48.757 ug/l

RT: 8.371 min Scan# 1074

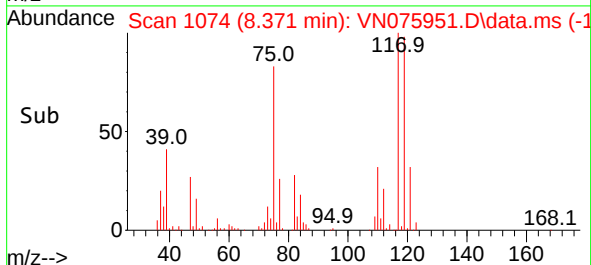
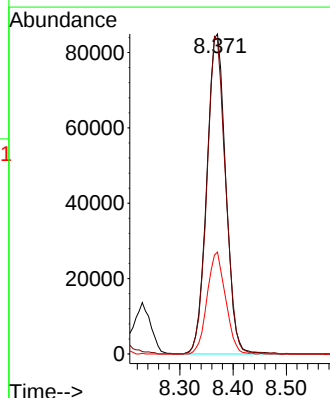
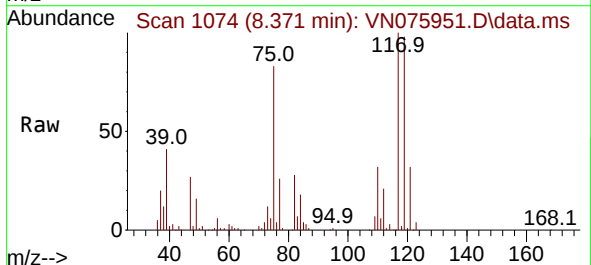
Delta R.T. 0.006 min

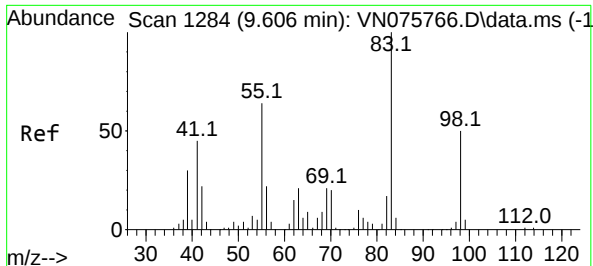
Lab File: VN075951.D

Acq: 22 Dec 2022 17:48

Tgt Ion:117 Resp: 209633

Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.1	114.1
121	31.9	24.5	36.7





#39

Methylcyclohexane

Concen: 49.790 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075951.D

Acq: 22 Dec 2022 17:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

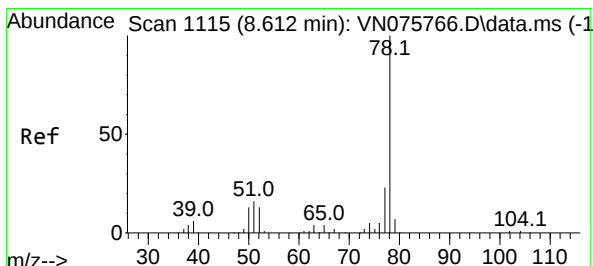
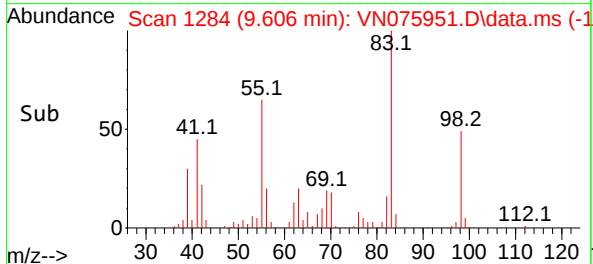
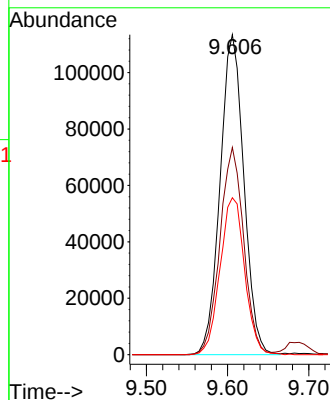
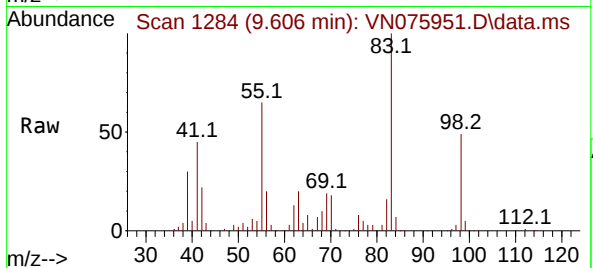
Tgt Ion: 83 Resp: 230755
 Ion Ratio Lower Upper
 83 100
 55 64.8 51.4 77.0
 98 49.1 39.8 59.8

Manual Integrations

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Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#40

Benzene

Concen: 48.276 ug/l

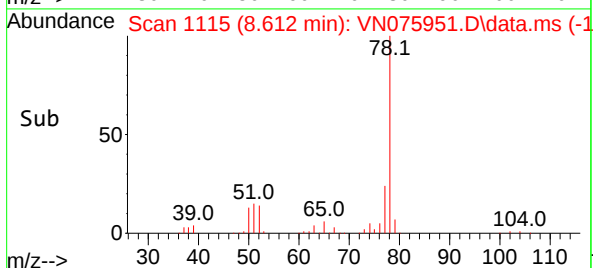
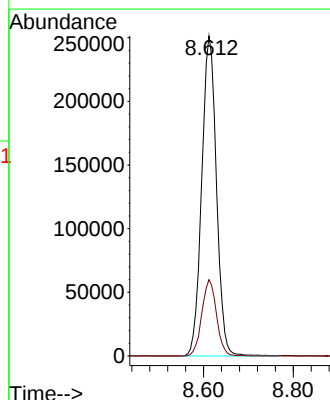
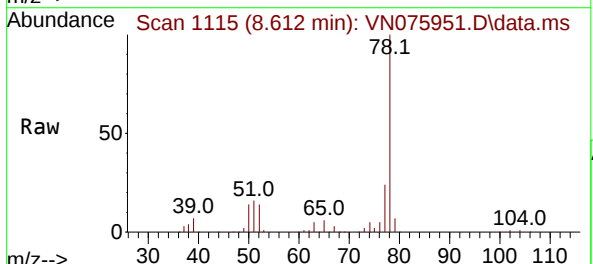
RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075951.D

Acq: 22 Dec 2022 17:48

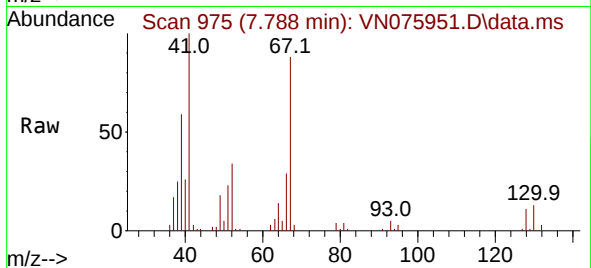
Tgt Ion: 78 Resp: 572193
 Ion Ratio Lower Upper
 78 100
 77 23.8 18.5 27.7





#41
Methacrylonitrile
Concen: 53.067 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

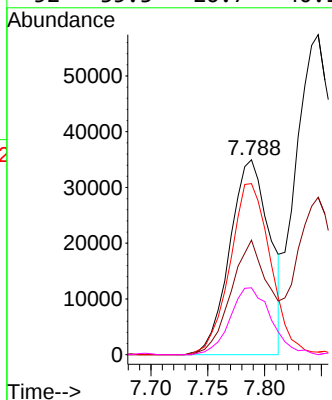
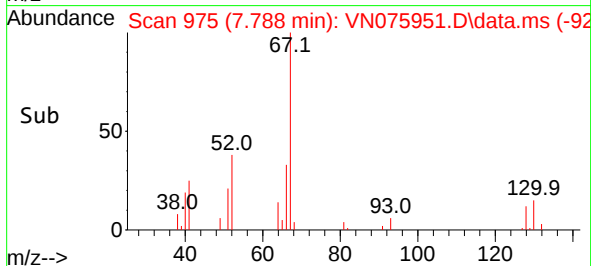
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 85110
Ion Ratio Lower Upper
41 100
39 55.4 43.1 64.7
67 90.2 70.7 106.1
52 35.3 26.7 40.1

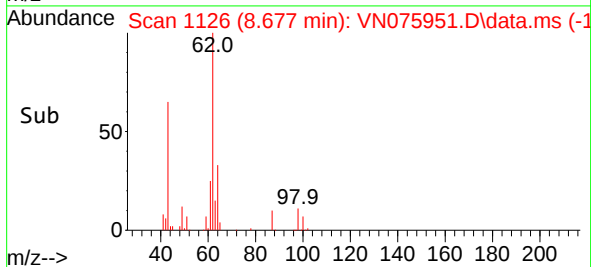
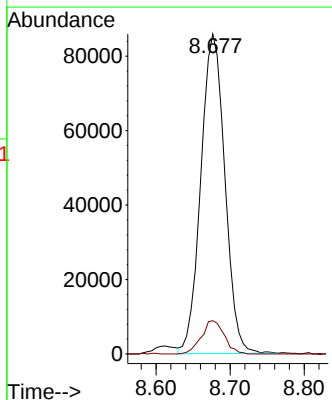
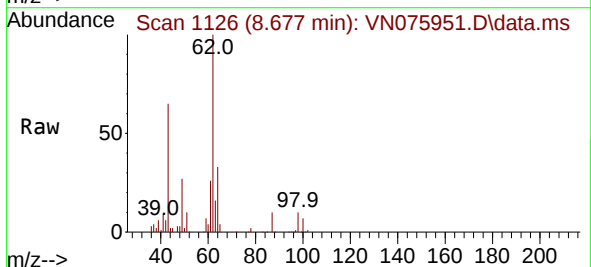
Manual Integrations
APPROVED

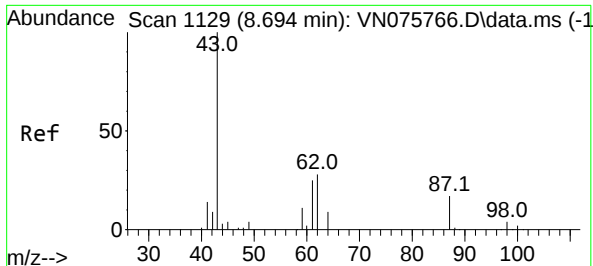
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#42
1,2-Dichloroethane
Concen: 49.095 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

Tgt Ion: 62 Resp: 193456
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.8





#43

Isopropyl Acetate

Concen: 53.529 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN075951.D

Acq: 22 Dec 2022 17:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 27246

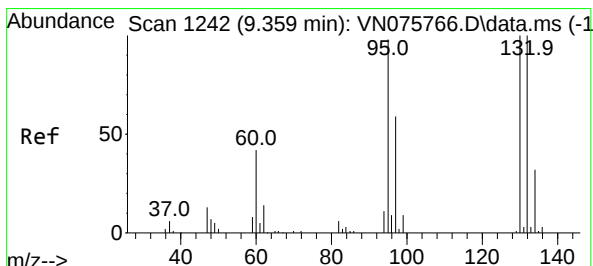
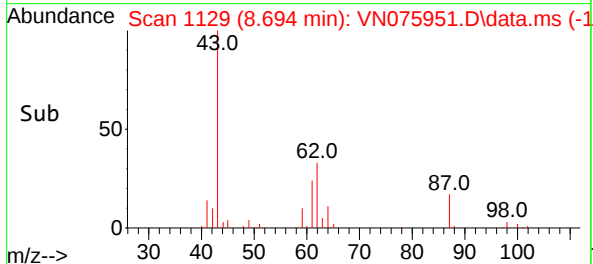
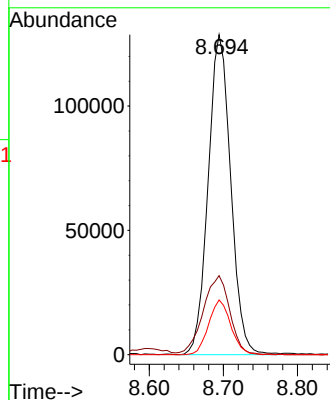
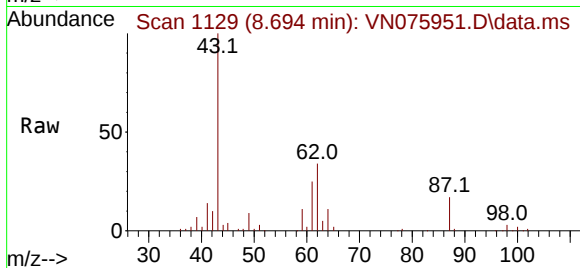
Ion	Ratio	Lower	Upper
43	100		
61	29.2	24.2	36.4
87	16.8	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#44

Trichloroethene

Concen: 45.515 ug/l

RT: 9.359 min Scan# 1242

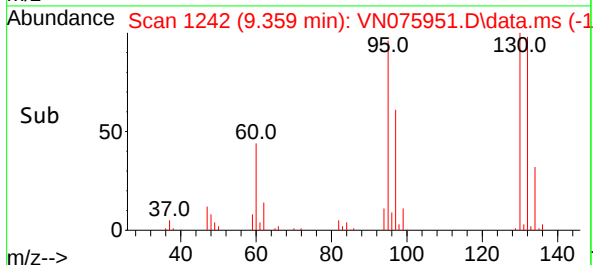
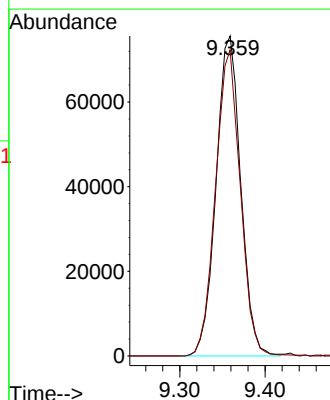
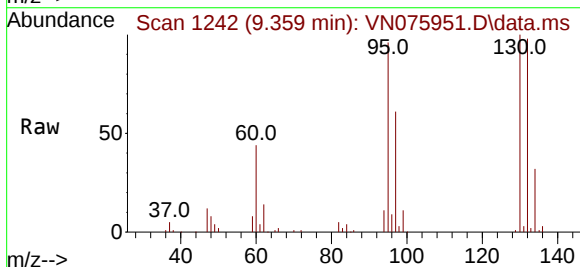
Delta R.T. -0.000 min

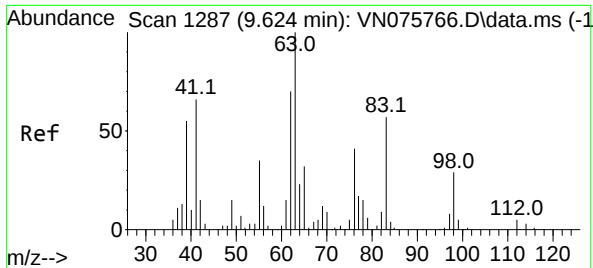
Lab File: VN075951.D

Acq: 22 Dec 2022 17:48

Tgt Ion:130 Resp: 151980

Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	195.4





#45

1,2-Dichloropropane

Concen: 48.702 ug/l

RT: 9.629 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN075951.D

Acq: 22 Dec 2022 17:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 14047

Ion Ratio Lower Upper

63 100

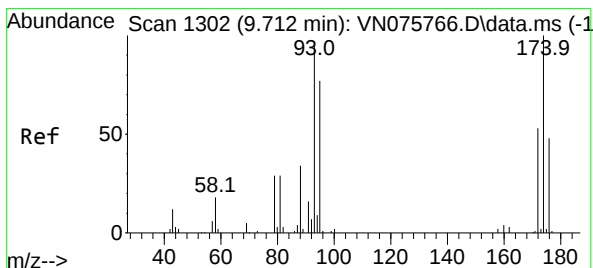
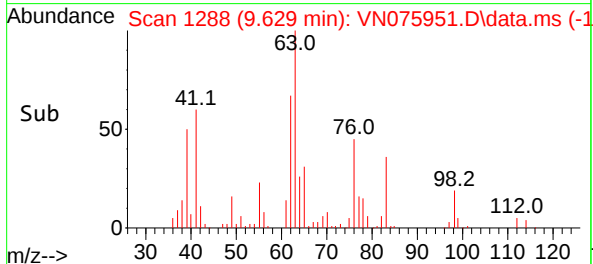
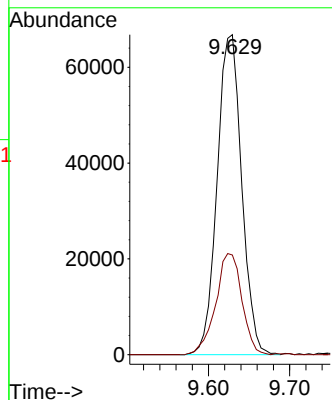
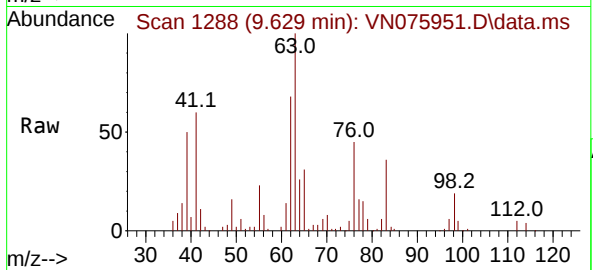
65 31.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#46

Dibromomethane

Concen: 48.456 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075951.D

Acq: 22 Dec 2022 17:48

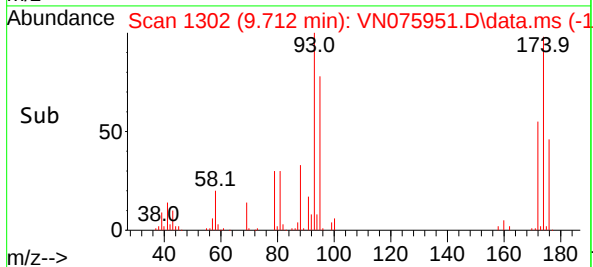
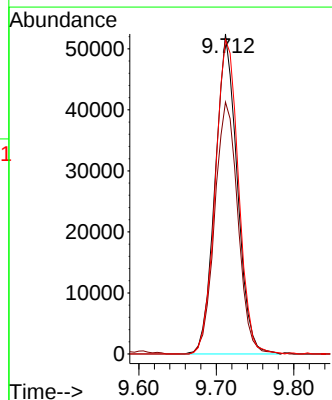
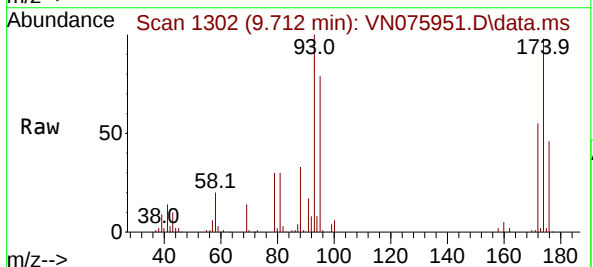
Tgt Ion: 93 Resp: 103661

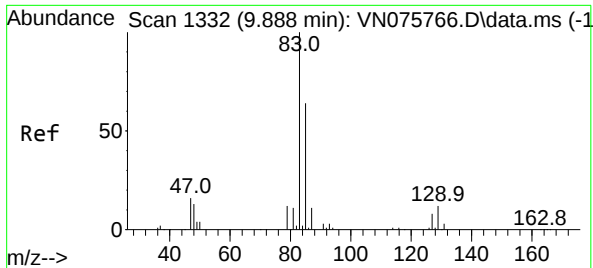
Ion Ratio Lower Upper

93 100

95 82.7 65.2 97.8

174 102.9 82.4 123.6





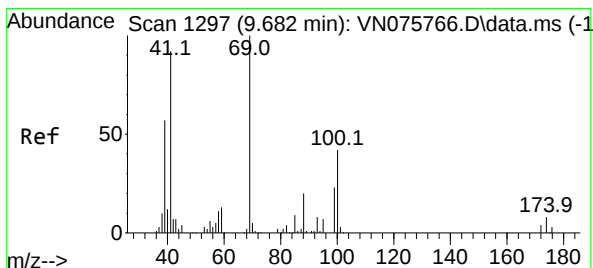
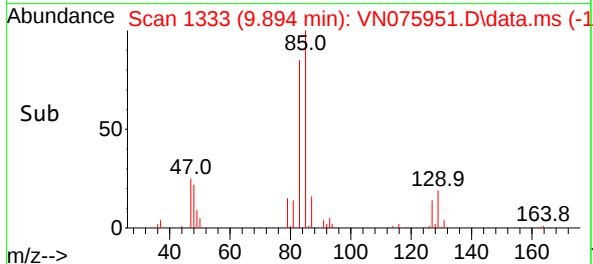
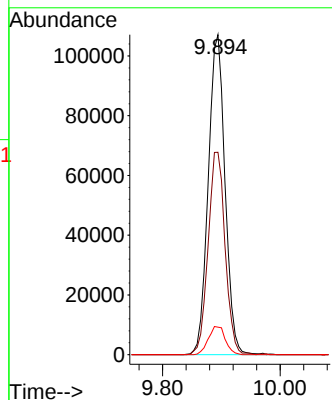
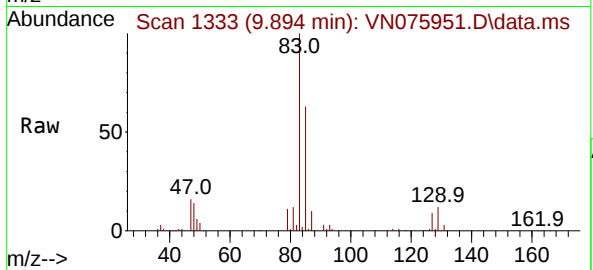
#47
Bromodichloromethane
Concen: 50.471 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 211734
Ion Ratio Lower Upper
83 100
85 63.2 51.5 77.3
127 8.6 6.6 10.0

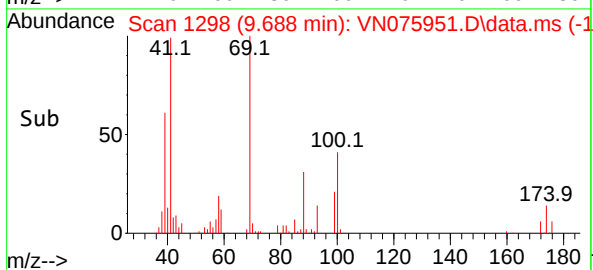
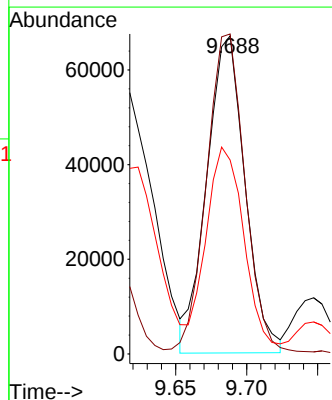
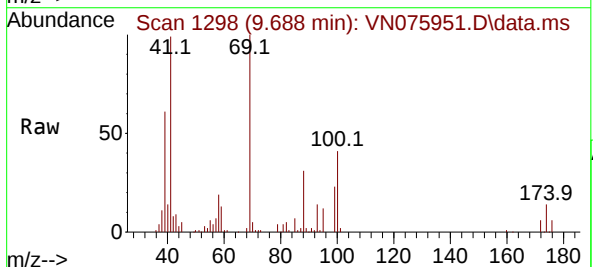
Manual Integrations
APPROVED

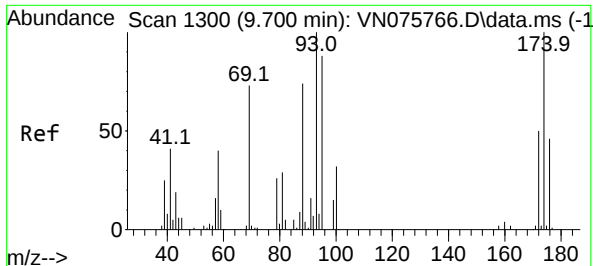
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#48
Methyl methacrylate
Concen: 54.788 ug/l
RT: 9.688 min Scan# 1298
Delta R.T. 0.006 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

Tgt Ion: 41 Resp: 125604
Ion Ratio Lower Upper
41 100
69 102.2 81.9 122.9
39 64.5 51.6 77.4





#49

1,4-Dioxane

Concen: 1029.649 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075951.D

Acq: 22 Dec 2022 17:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 5803

Ion Ratio Lower Upper

88 100

43 24.6 17.1 25.7

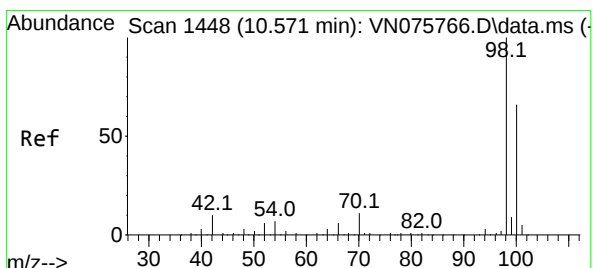
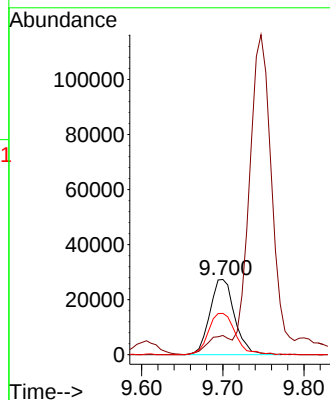
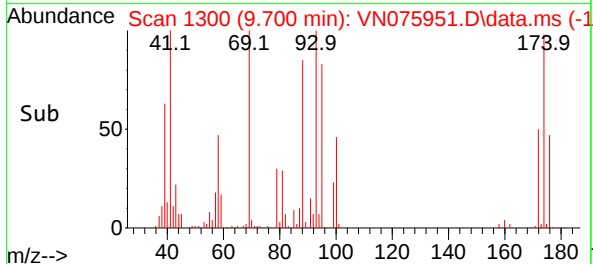
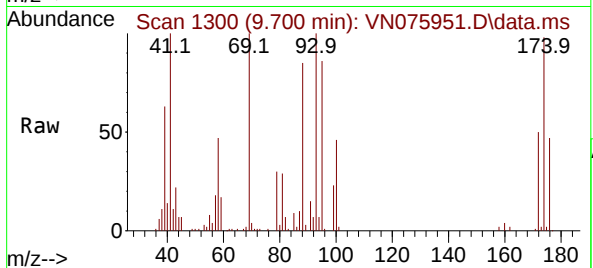
58 59.7 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#50

Toluene-d8

Concen: 53.601 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075951.D

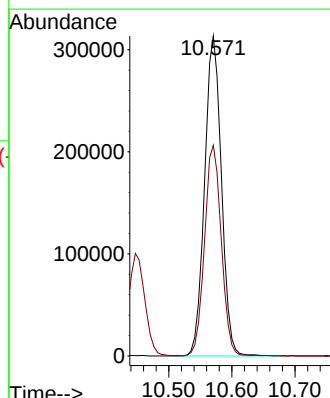
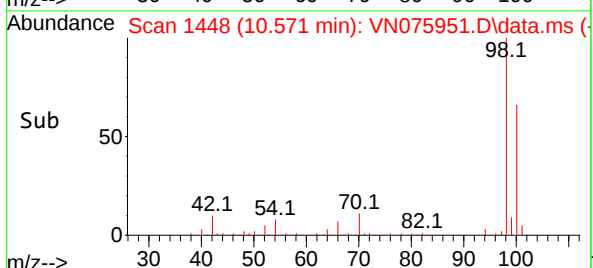
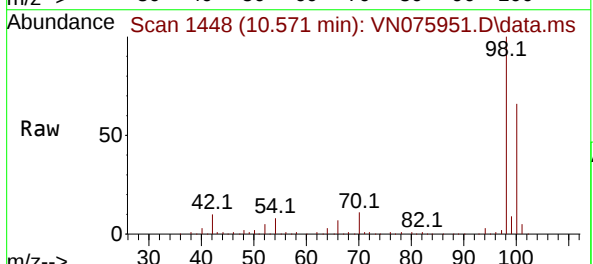
Acq: 22 Dec 2022 17:48

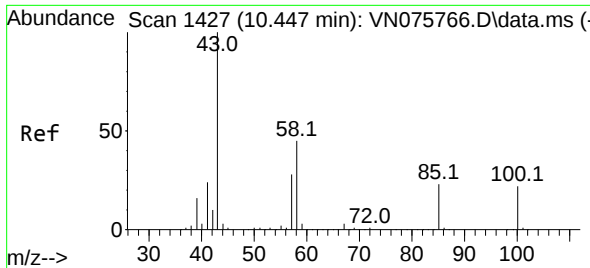
Tgt Ion: 98 Resp: 579551

Ion Ratio Lower Upper

98 100

100 65.7 52.1 78.1





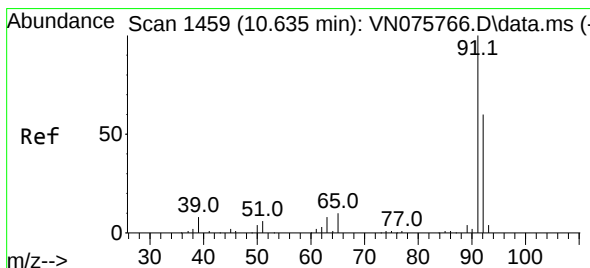
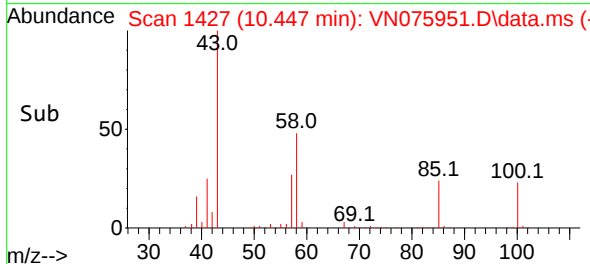
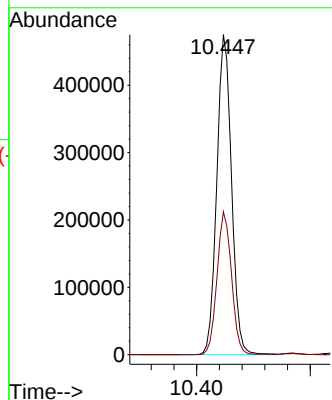
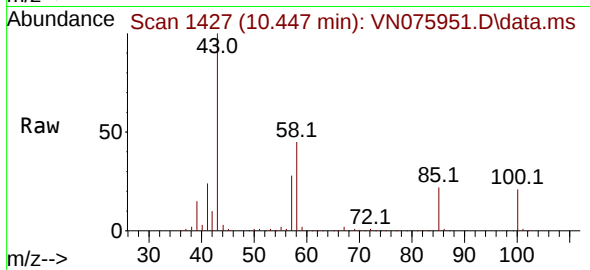
#51
4-Methyl-2-Pentanone
Concen: 277.529 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 854310
Ion Ratio Lower Upper
43 100
58 44.1 35.5 53.3

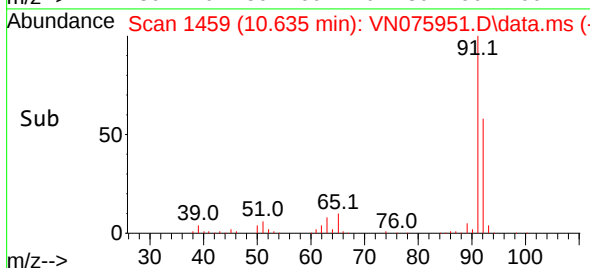
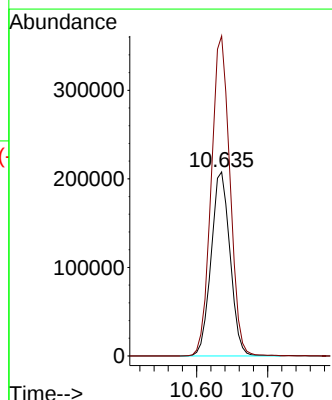
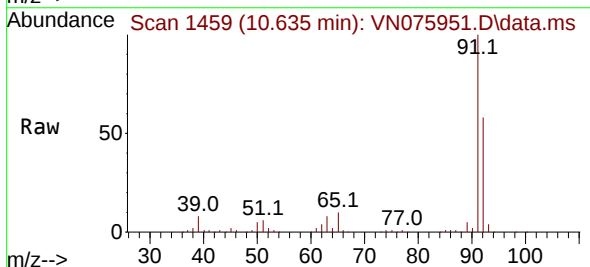
Manual Integrations
APPROVED

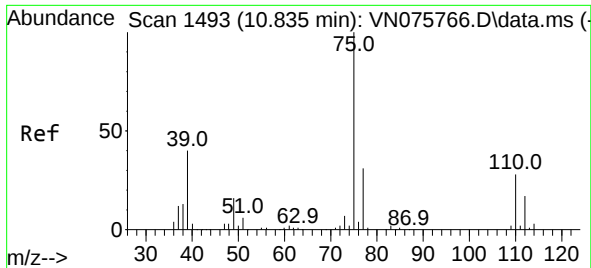
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#52
Toluene
Concen: 49.721 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

Tgt Ion: 92 Resp: 383811
Ion Ratio Lower Upper
92 100
91 172.4 137.3 205.9





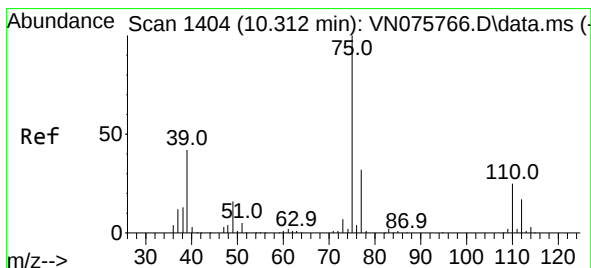
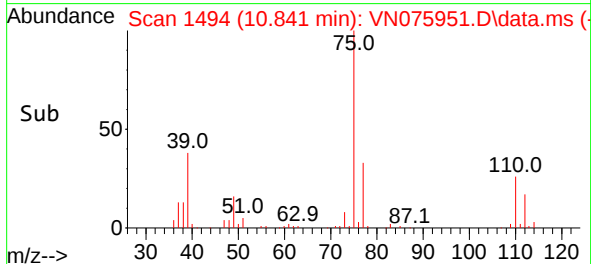
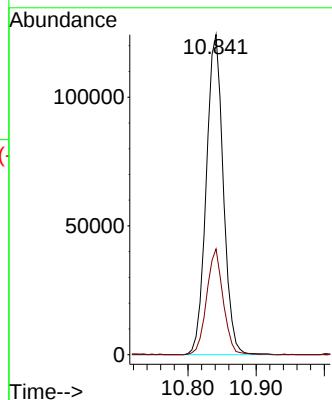
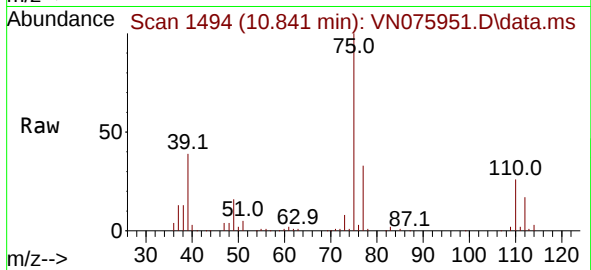
#53
t-1,3-Dichloropropene
Concen: 52.593 ug/l
RT: 10.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 21598
Ion Ratio Lower Upper
75 100
77 33.0 24.9 37.3

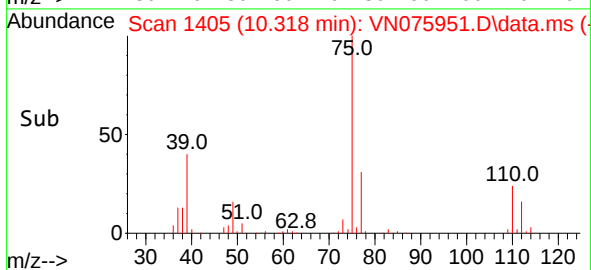
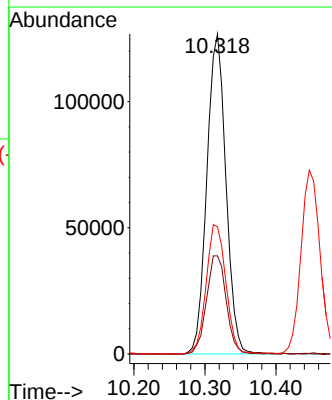
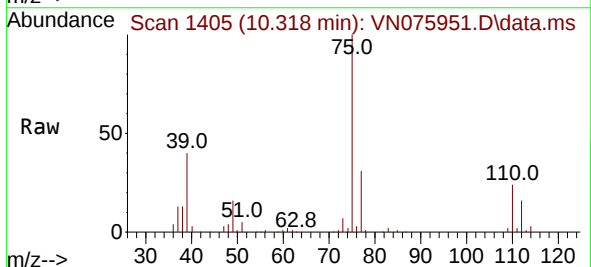
Manual Integrations
APPROVED

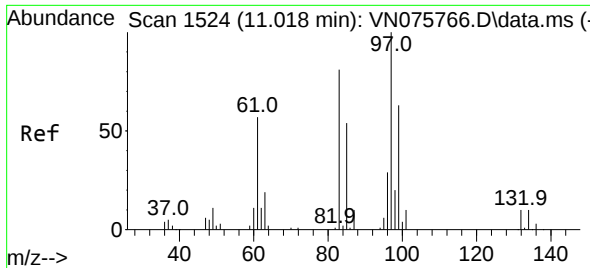
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#54
cis-1,3-Dichloropropene
Concen: 52.492 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

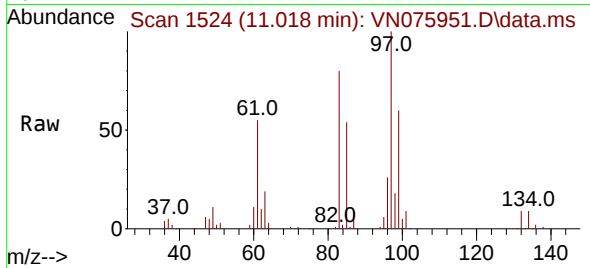
Tgt Ion: 75 Resp: 236680
Ion Ratio Lower Upper
75 100
77 30.7 25.8 38.8
39 39.7 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 51.494 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

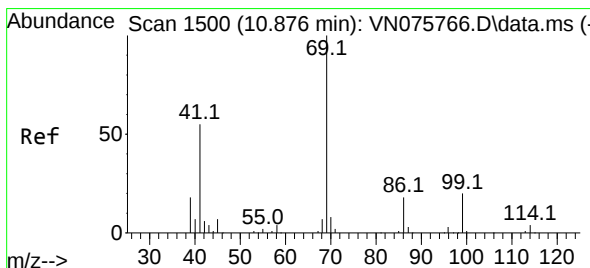
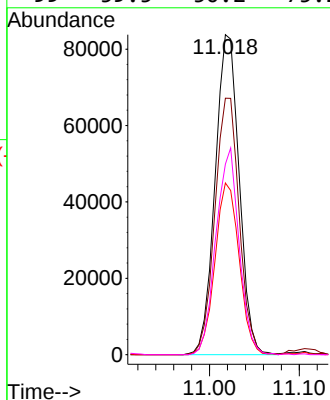
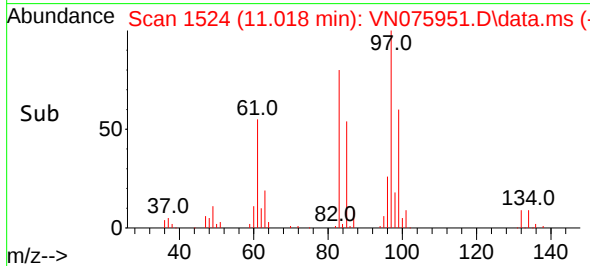


Tgt Ion: 97 Resp: 156018

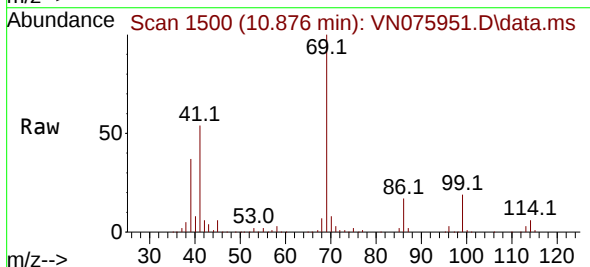
Ion	Ratio	Lower	Upper
97	100		
83	80.2	65.0	97.4
85	53.7	43.0	64.6
99	59.5	50.2	75.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

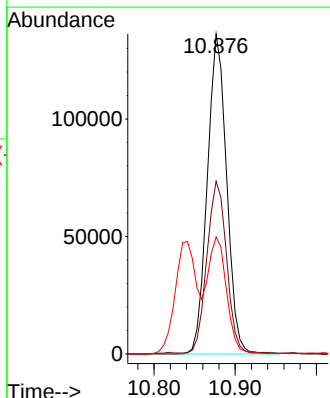
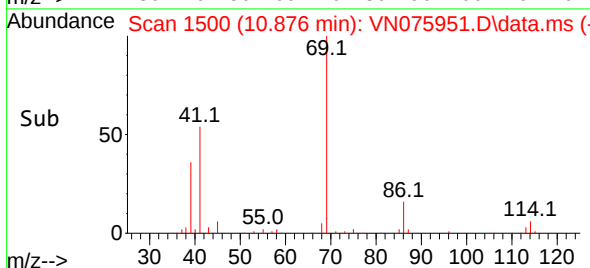


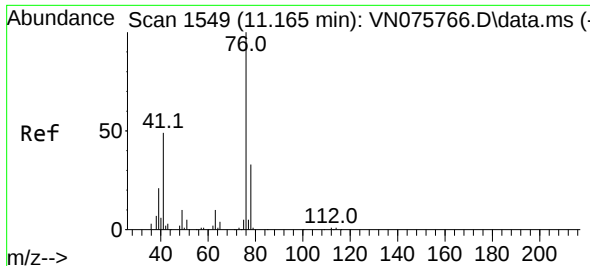
#56
Ethyl methacrylate
Concen: 55.876 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48



Tgt Ion: 69 Resp: 224871

Ion	Ratio	Lower	Upper
69	100		
41	54.6	44.2	66.4
39	35.2	26.4	39.6





#57

1,3-Dichloropropane

Concen: 51.322 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075951.D

Acq: 22 Dec 2022 17:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 25506

Ion Ratio Lower Upper

76 100

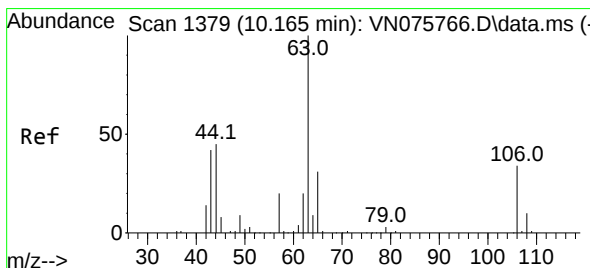
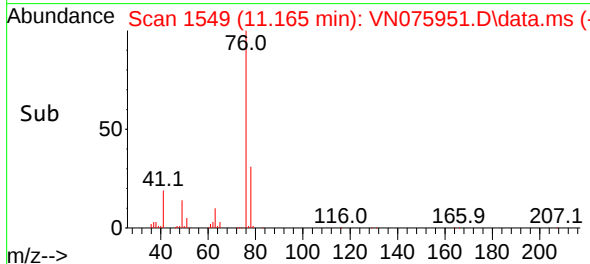
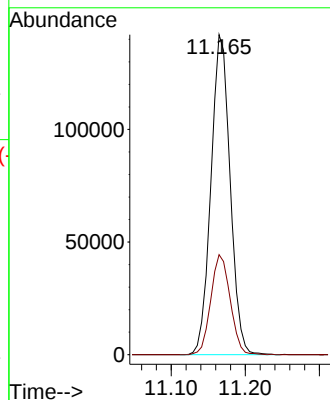
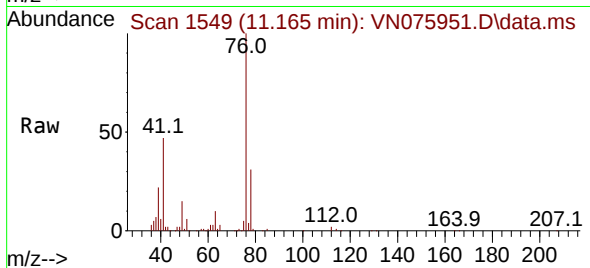
78 31.6 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#58

2-Chloroethyl Vinyl ether

Concen: 275.628 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075951.D

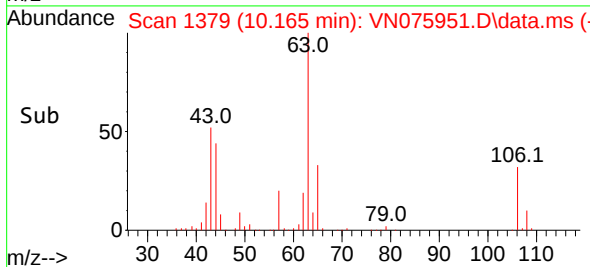
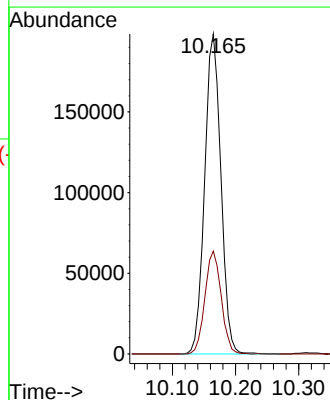
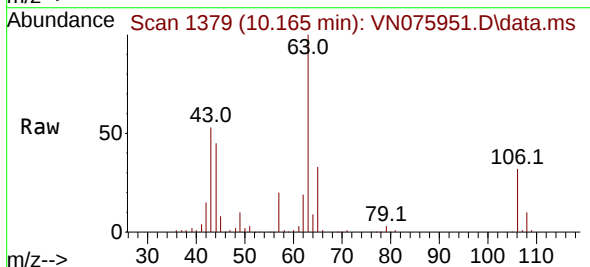
Acq: 22 Dec 2022 17:48

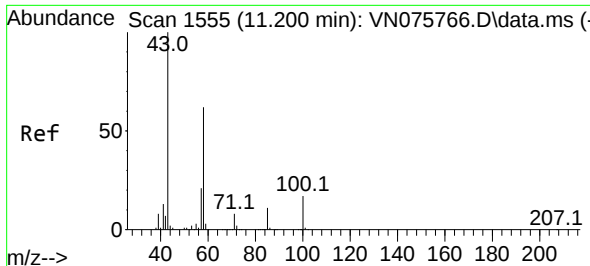
Tgt Ion: 63 Resp: 353167

Ion Ratio Lower Upper

63 100

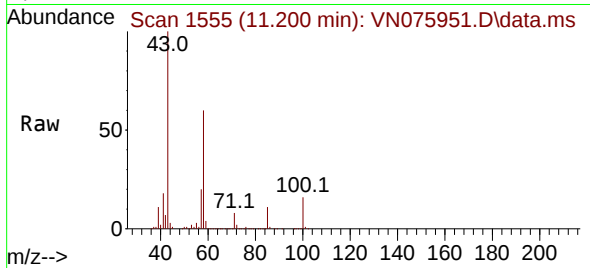
106 32.3 26.4 39.6





#59
2-Hexanone
Concen: 279.867 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

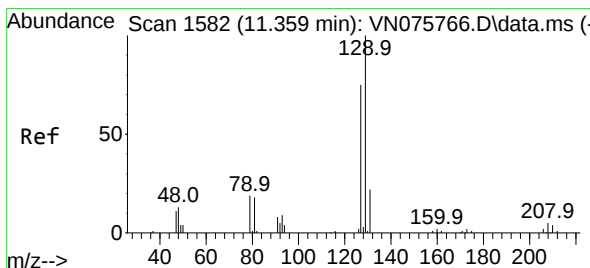
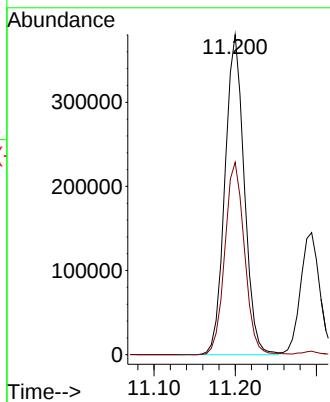
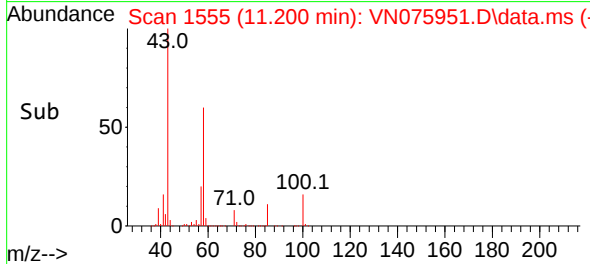
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 628274
Ion Ratio Lower Upper
43 100
58 61.2 30.6 92.0

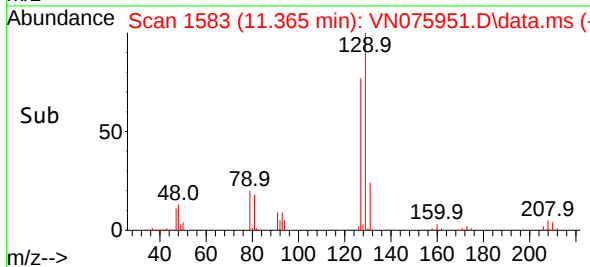
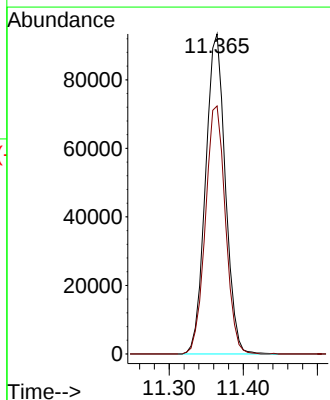
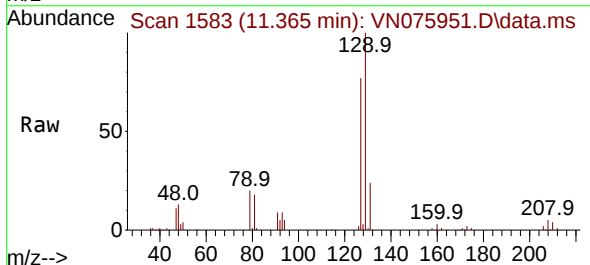
Manual Integrations
APPROVED

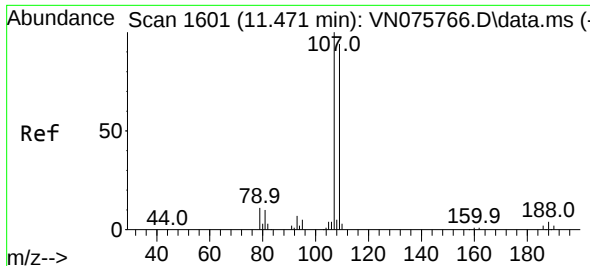
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#60
Dibromochloromethane
Concen: 51.373 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

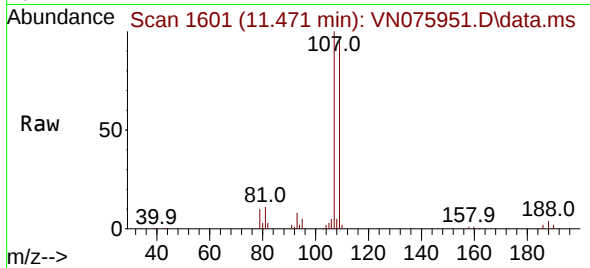
Tgt Ion:129 Resp: 173102
Ion Ratio Lower Upper
129 100
127 78.3 38.3 114.9





#61
1,2-Dibromoethane
Concen: 51.383 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

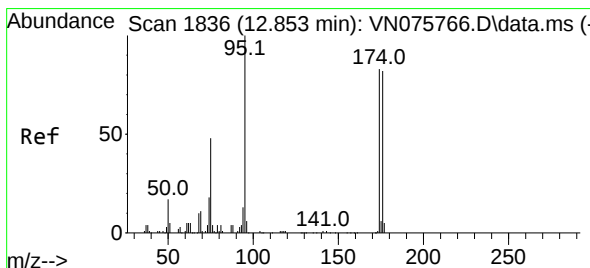
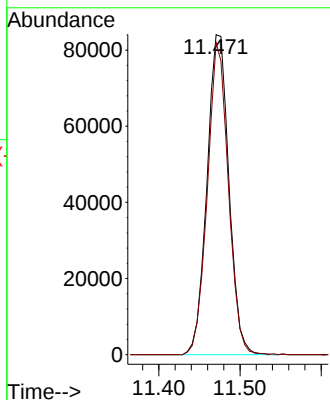
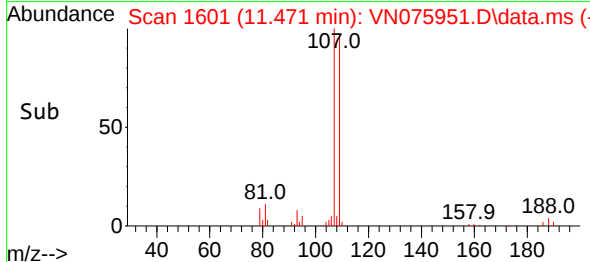
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



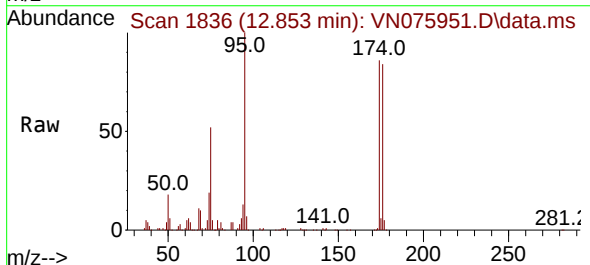
Tgt Ion:107 Resp: 157548
Ion Ratio Lower Upper
107 100
109 93.1 74.8 112.2

Manual Integrations
APPROVED

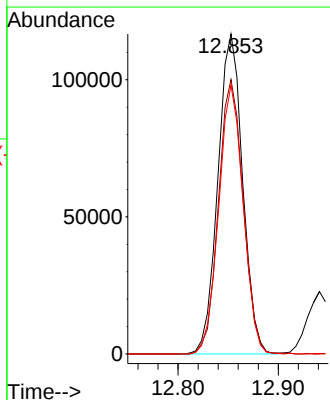
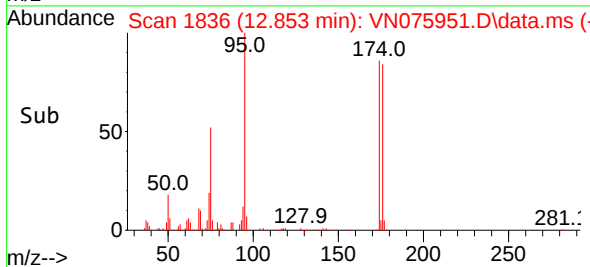
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

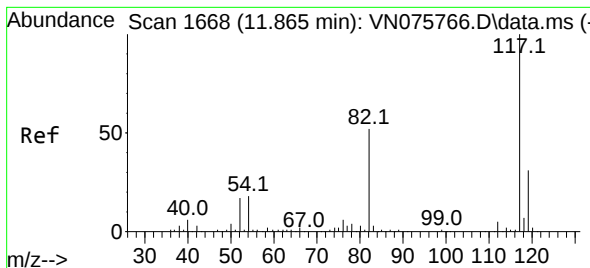


#62
4-Bromofluorobenzene
Concen: 55.808 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48



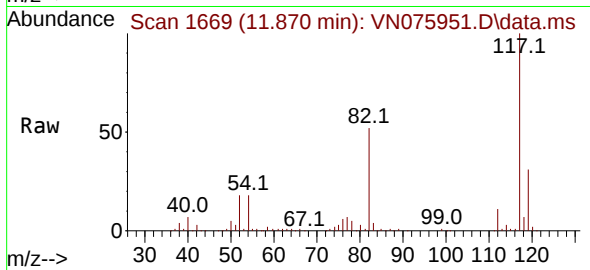
Tgt Ion: 95 Resp: 199860
Ion Ratio Lower Upper
95 100
174 85.6 0.0 171.6
176 82.9 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

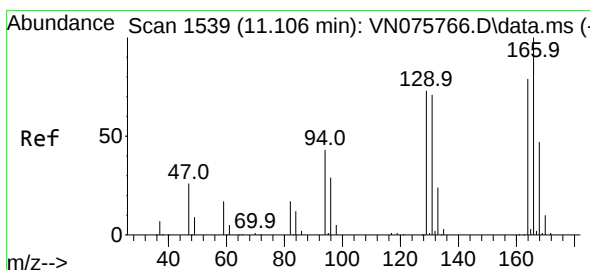
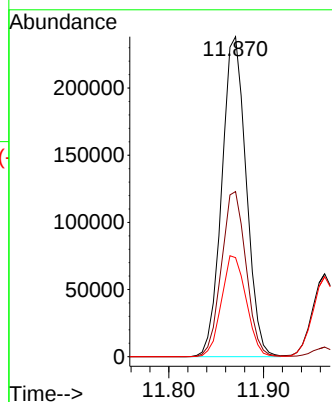
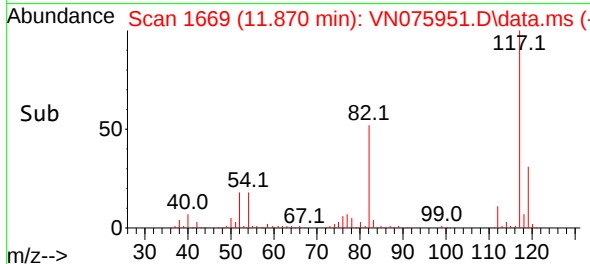
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 426139
Ion Ratio Lower Upper
117 100
82 51.6 41.3 61.9
119 31.0 24.6 37.0

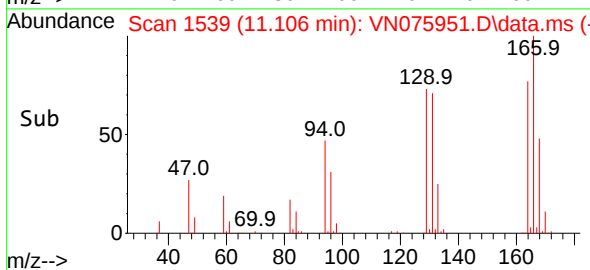
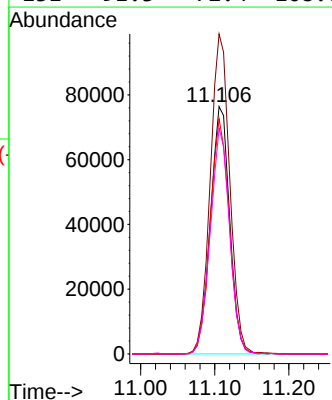
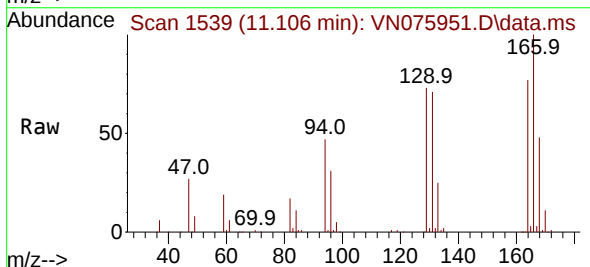
Manual Integrations
APPROVED

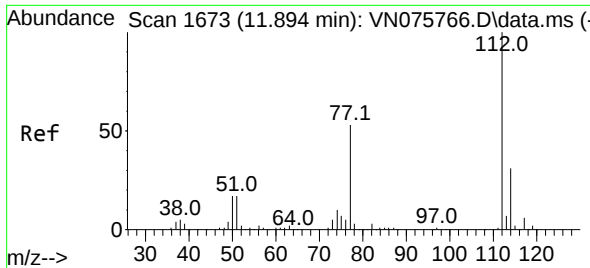
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#64
Tetrachloroethene
Concen: 45.986 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

Tgt Ion:164 Resp: 137895
Ion Ratio Lower Upper
164 100
166 129.4 101.9 152.9
129 95.1 74.2 111.2
131 91.3 72.4 108.6





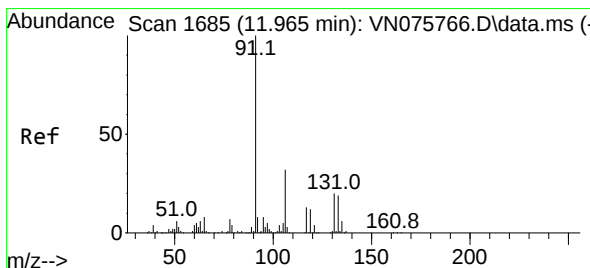
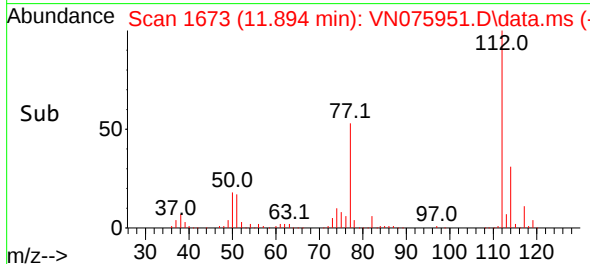
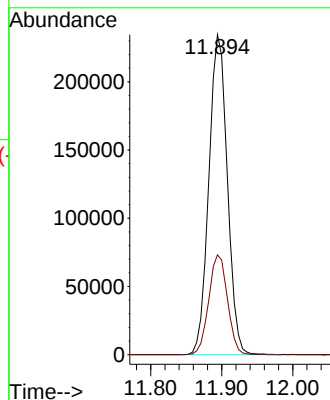
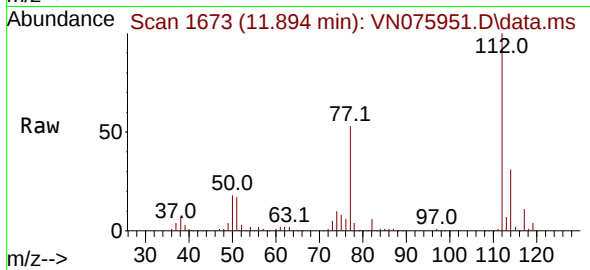
#65
Chlorobenzene
Concen: 48.485 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 424075
Ion Ratio Lower Upper
112 100
114 31.2 24.7 37.1

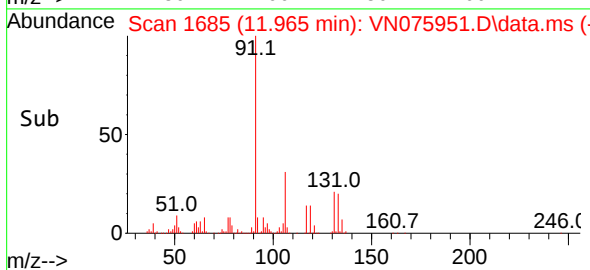
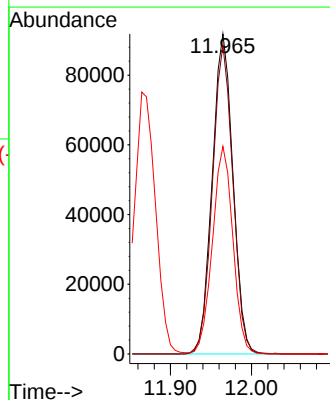
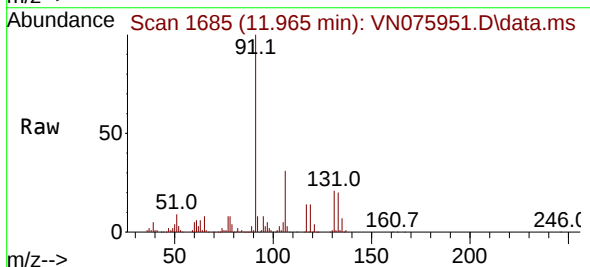
Manual Integrations
APPROVED

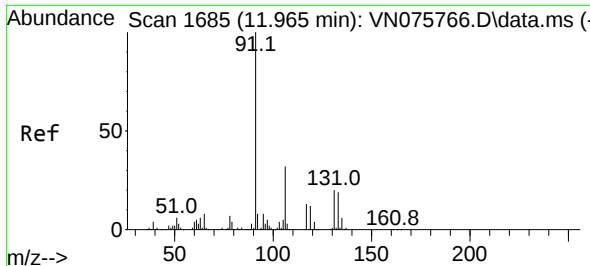
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 50.347 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

Tgt Ion:131 Resp: 163106
Ion Ratio Lower Upper
131 100
133 95.2 47.5 142.5
119 63.8 31.9 95.7





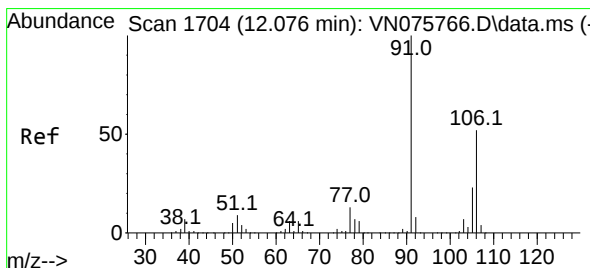
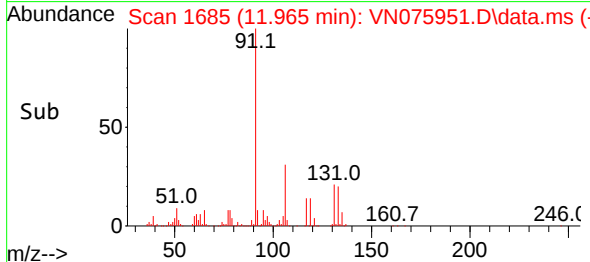
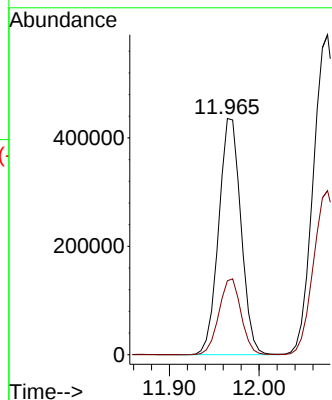
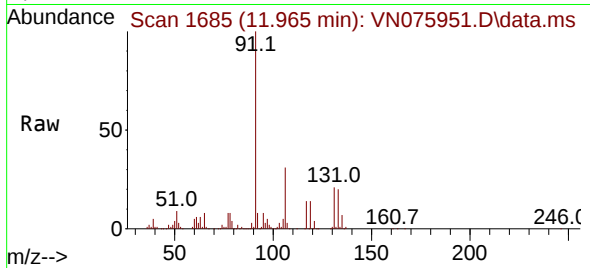
#67
Ethyl Benzene
Concen: 50.952 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 75214
Ion Ratio Lower Upper
91 100
106 31.3 25.7 38.5

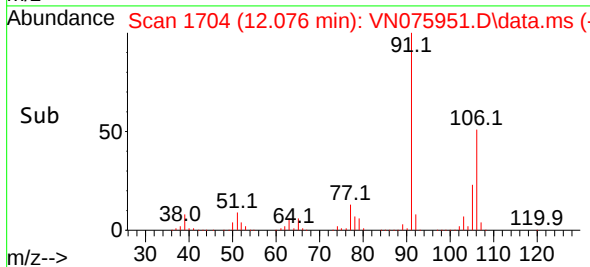
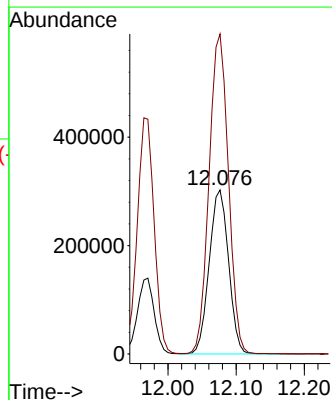
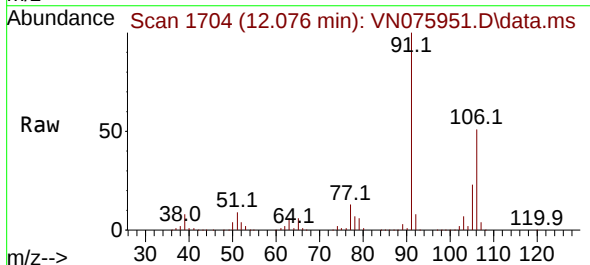
Manual Integrations
APPROVED

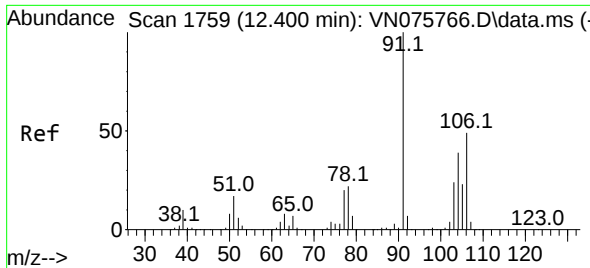
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#68
m/p-Xylenes
Concen: 102.420 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

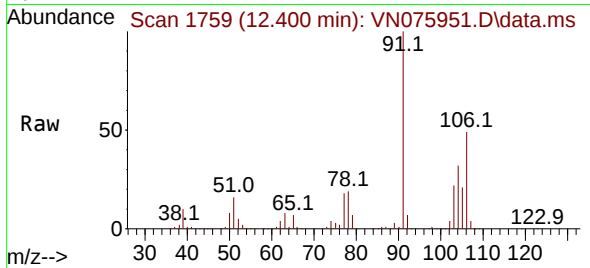
Tgt Ion:106 Resp: 598407
Ion Ratio Lower Upper
106 100
91 194.8 156.6 235.0





#69
o-Xylene
Concen: 51.562 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

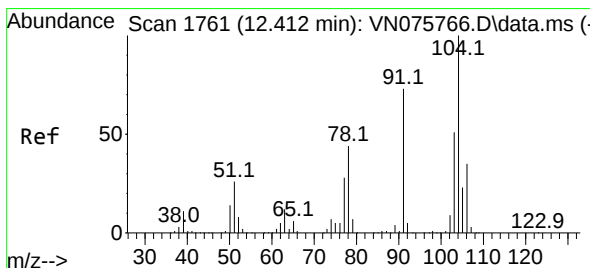
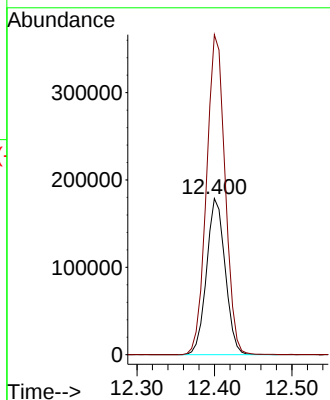
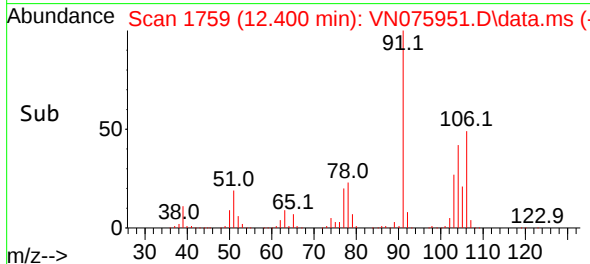
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 298128
Ion Ratio Lower Upper
106 100
91 205.1 103.8 311.6

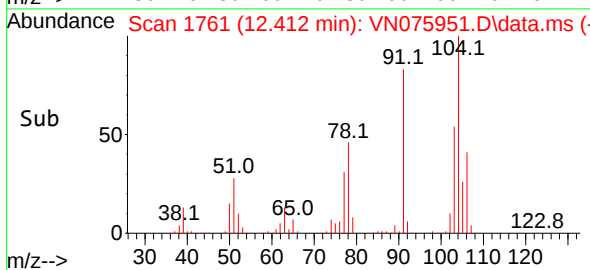
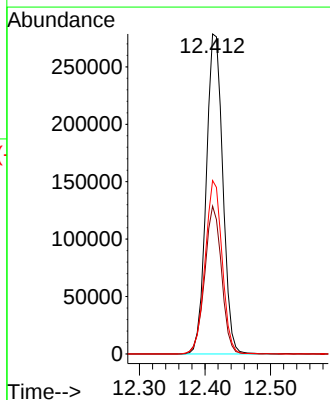
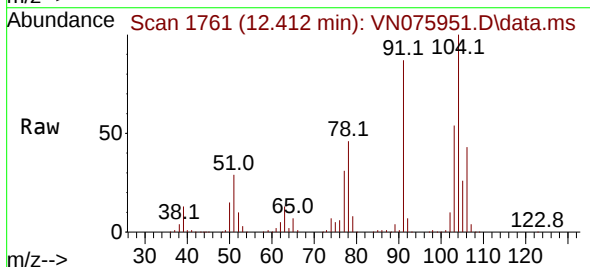
Manual Integrations
APPROVED

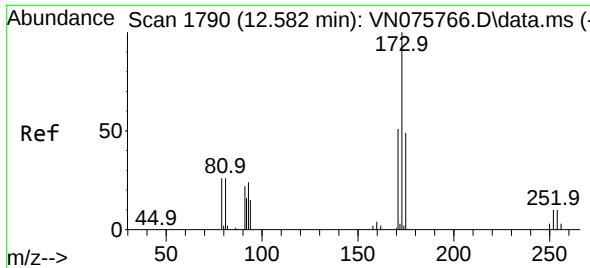
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#70
Styrene
Concen: 53.198 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

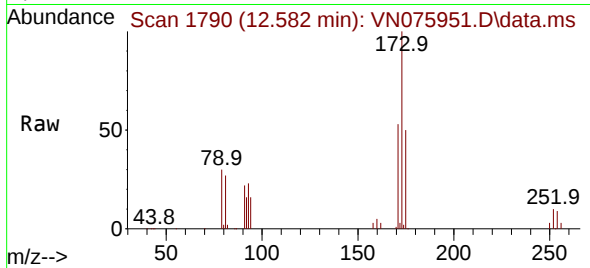
Tgt Ion:104 Resp: 489065
Ion Ratio Lower Upper
104 100
78 47.1 37.5 56.3
103 55.6 43.5 65.3





#71
Bromoform
Concen: 53.183 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

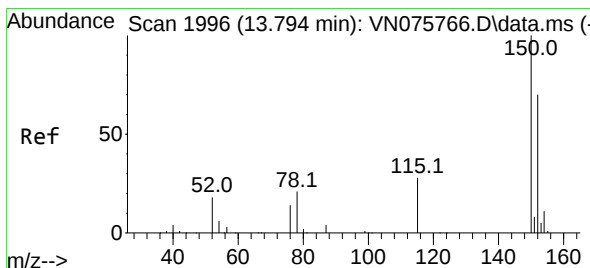
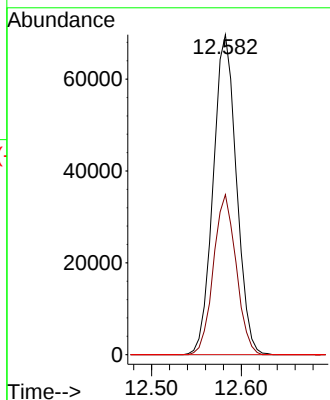
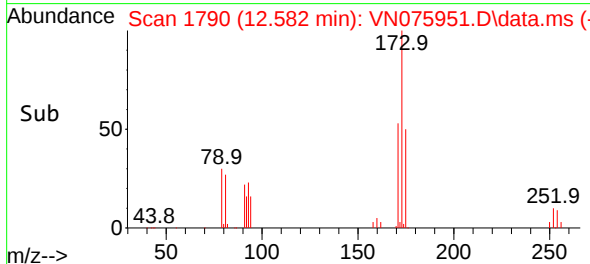
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



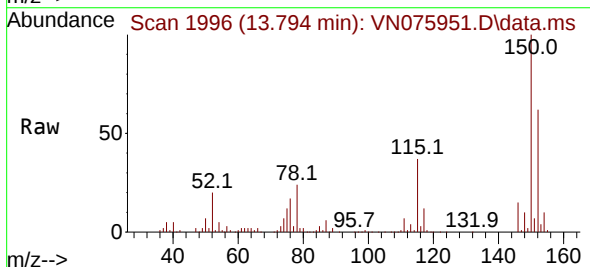
Tgt Ion:173 Resp: 125370
Ion Ratio Lower Upper
173 100
175 48.8 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

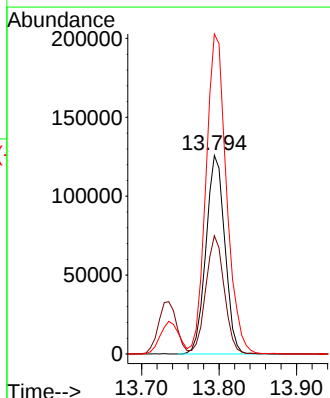
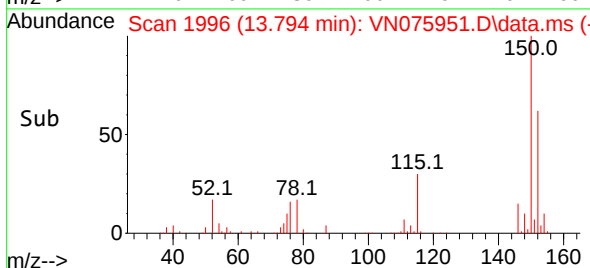
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

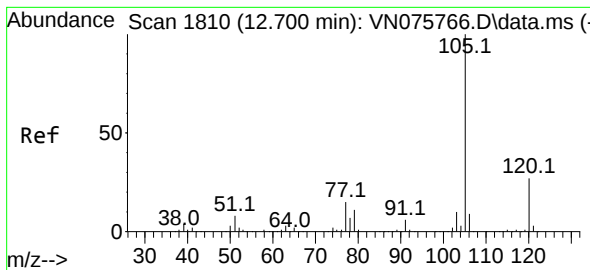


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48



Tgt Ion:152 Resp: 212795
Ion Ratio Lower Upper
152 100
115 58.3 29.1 87.4
150 175.3 0.0 347.0





#73

Isopropylbenzene

Concen: 50.149 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VN075951.D

Acq: 22 Dec 2022 17:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 771169

Ion Ratio Lower Upper

105 100

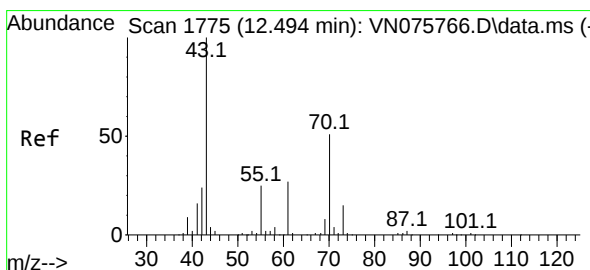
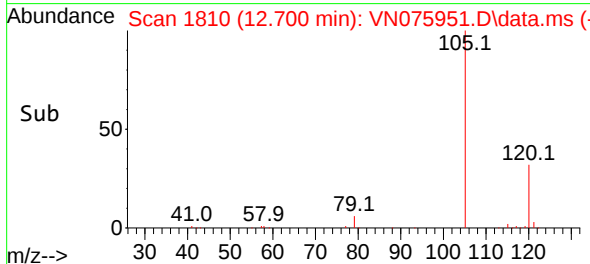
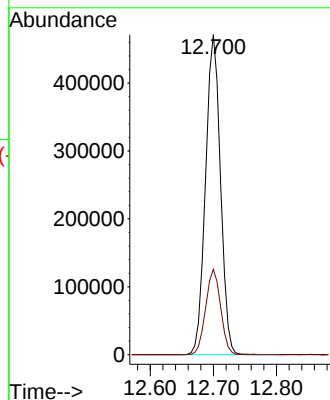
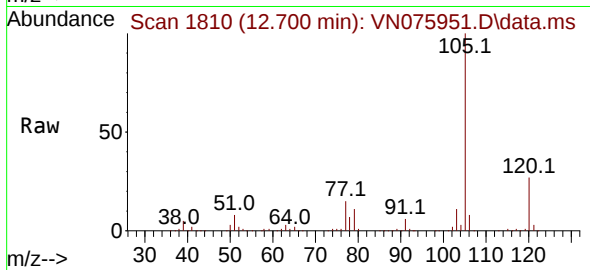
120 26.7 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#74

N-ethyl acetate

Concen: 54.823 ug/l

RT: 12.500 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN075951.D

Acq: 22 Dec 2022 17:48

Tgt Ion: 43 Resp: 247319

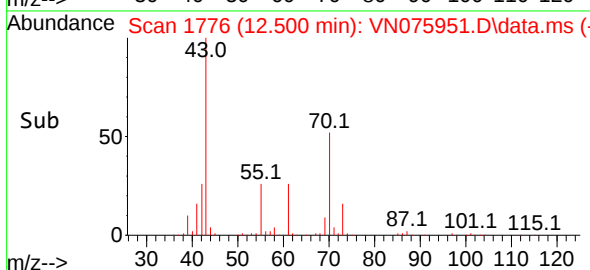
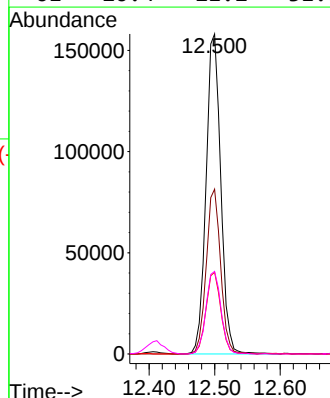
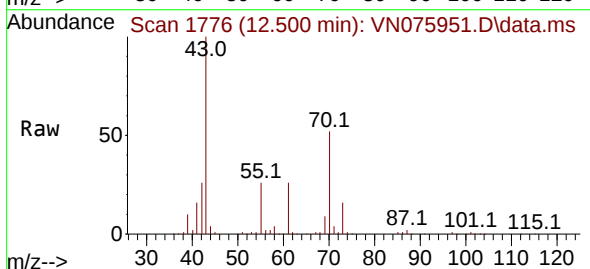
Ion Ratio Lower Upper

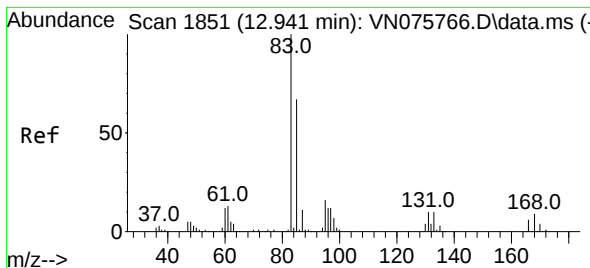
43 100

70 50.4 41.4 62.0

55 25.7 21.3 31.9

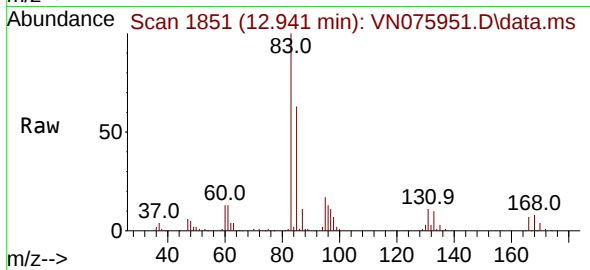
61 26.4 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 48.481 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

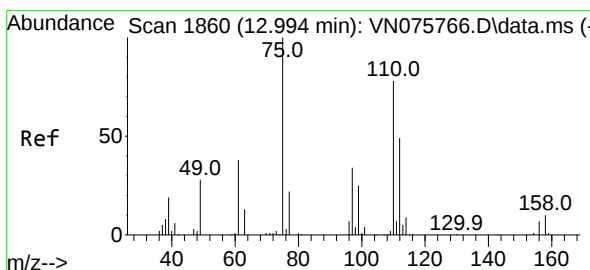
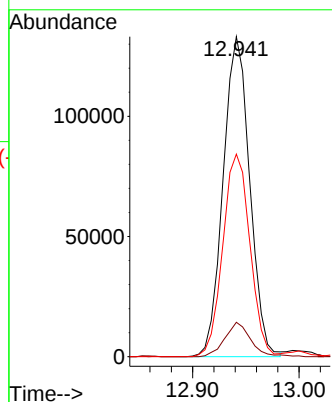
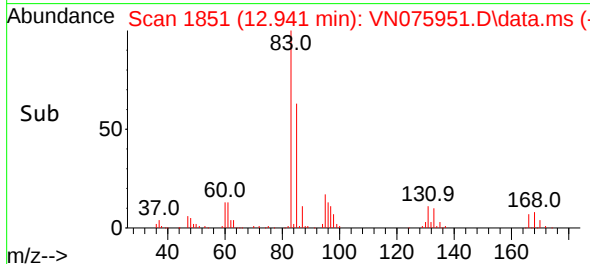
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 230469
Ion Ratio Lower Upper
83 100
131 10.5 5.6 16.8
85 64.7 32.6 98.0

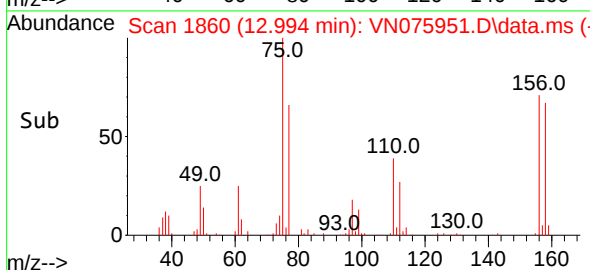
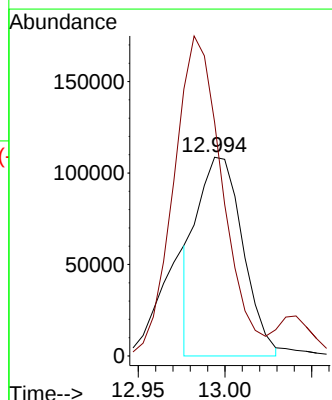
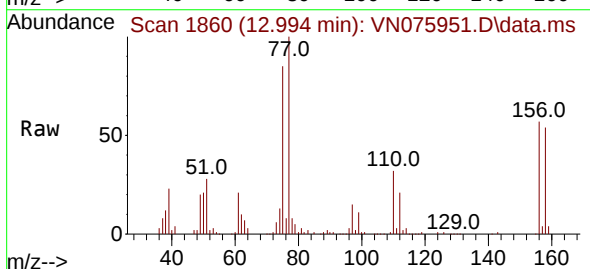
Manual Integrations
APPROVED

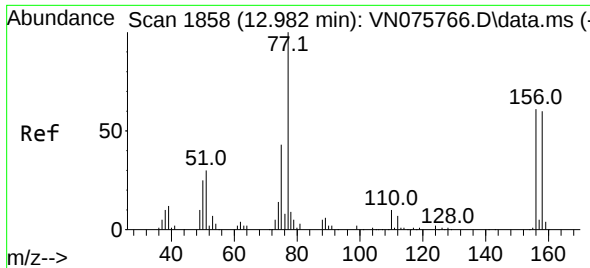
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#76
1,2,3-Trichloropropane
Concen: 46.586 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

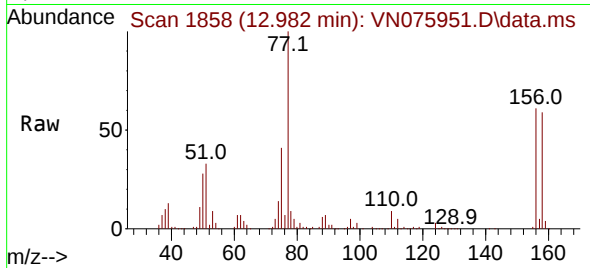
Tgt Ion: 75 Resp: 199827
Ion Ratio Lower Upper
75 100
77 171.5 82.6 247.8





#77
Bromobenzene
Concen: 47.734 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

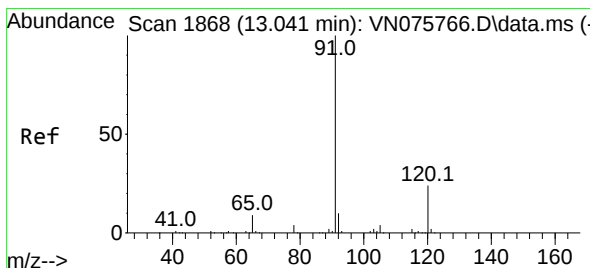
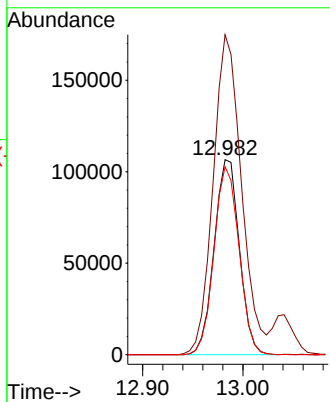
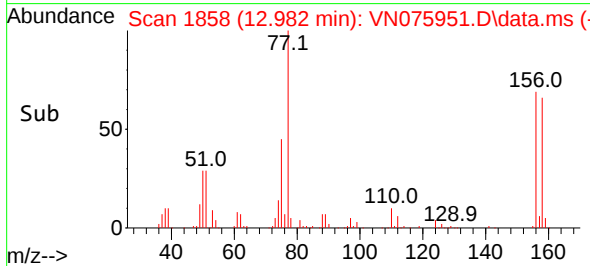
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



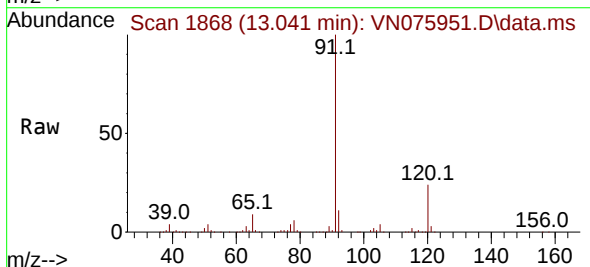
Tgt Ion:156 Resp: 185768
Ion Ratio Lower Upper
156 100
77 184.5 93.8 281.3
158 96.2 48.9 146.6

Manual Integrations
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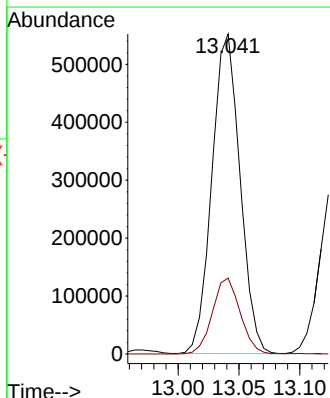
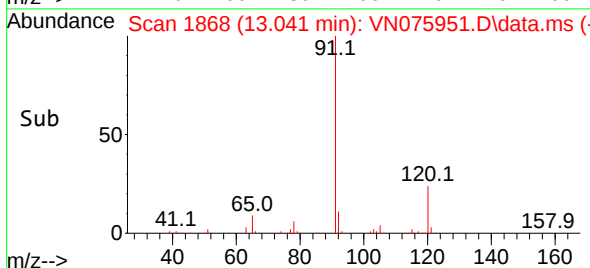
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

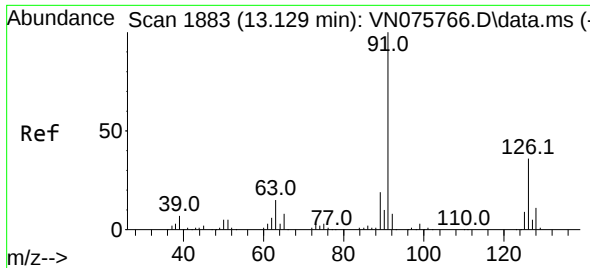


#78
n-propylbenzene
Concen: 52.239 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48



Tgt Ion: 91 Resp: 885995
Ion Ratio Lower Upper
91 100
120 23.4 12.0 36.1





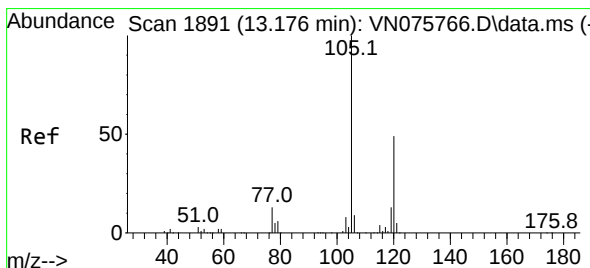
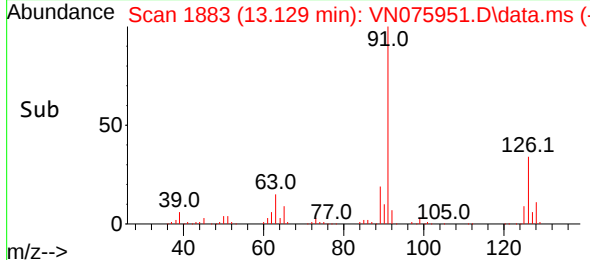
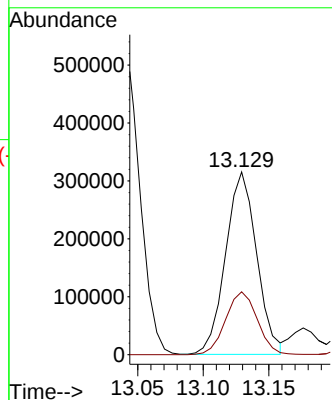
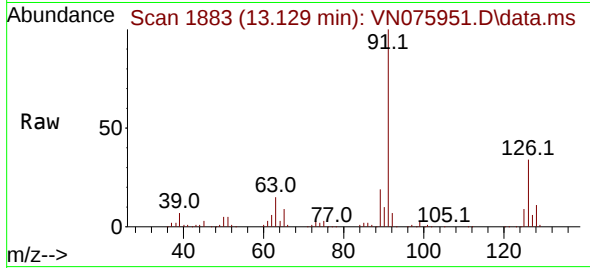
#79
2-Chlorotoluene
Concen: 49.125 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 520099
Ion Ratio Lower Upper
91 100
126 35.1 17.5 52.5

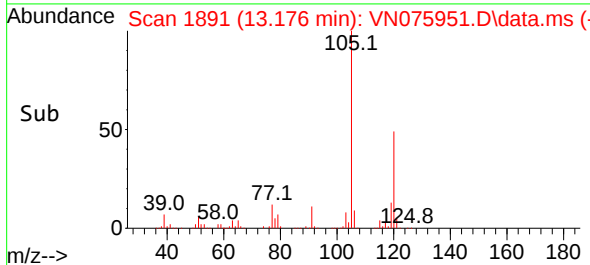
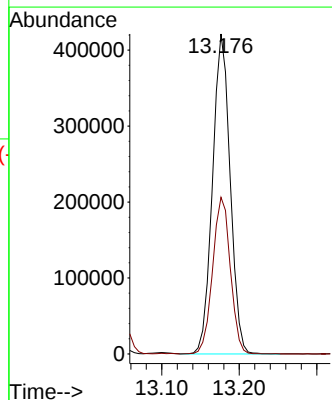
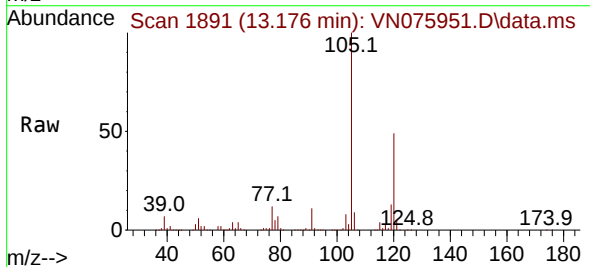
Manual Integrations
APPROVED

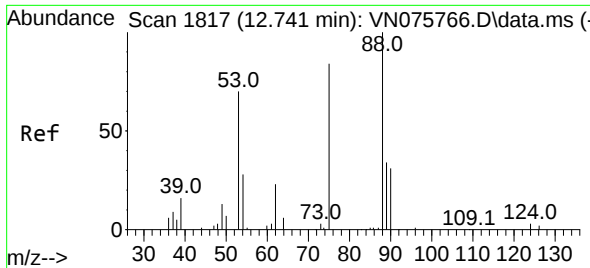
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.767 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

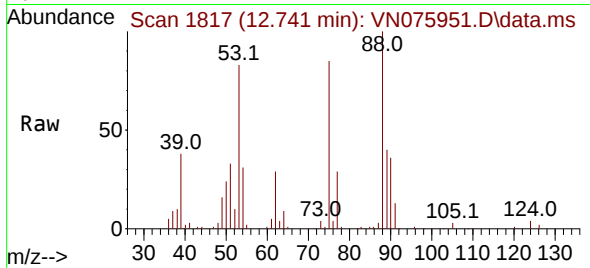
Tgt Ion:105 Resp: 666253
Ion Ratio Lower Upper
105 100
120 49.1 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 53.443 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

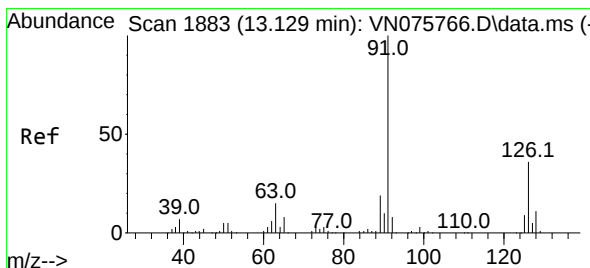
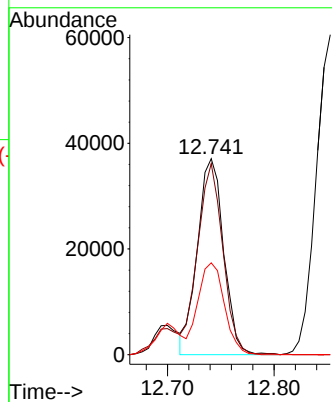
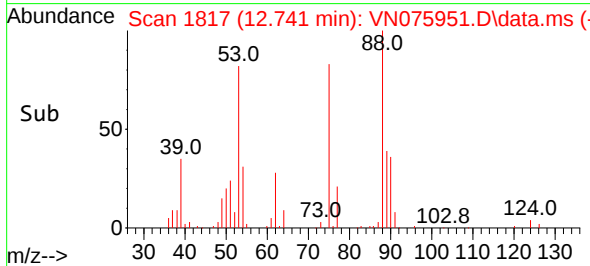
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



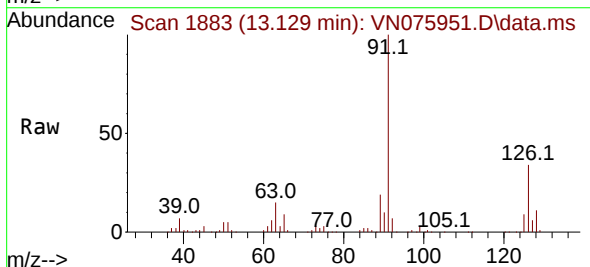
Tgt Ion: 75 Resp: 6368
Ion Ratio Lower Upper
75 100
53 93.2 73.8 110.6
89 46.8 39.5 59.3

Manual Integrations
APPROVED

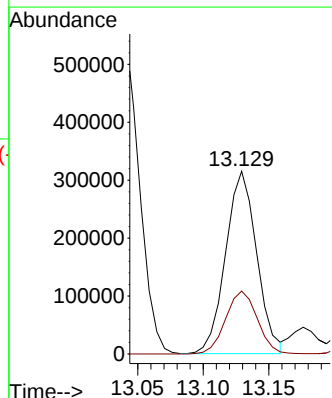
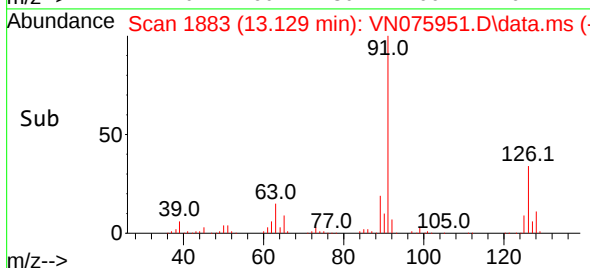
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

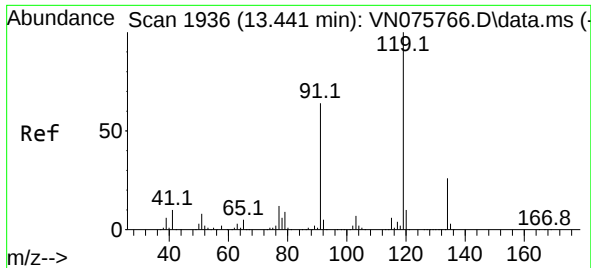


#82
4-Chlorotoluene
Concen: 49.125 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48



Tgt Ion: 91 Resp: 520095
Ion Ratio Lower Upper
91 100
126 35.1 17.5 52.5





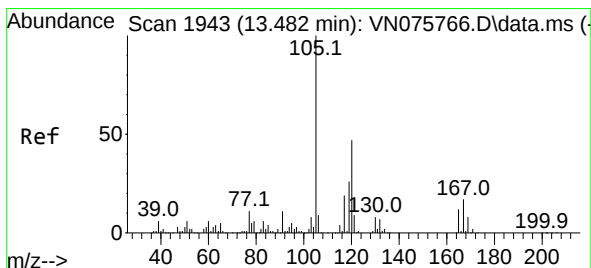
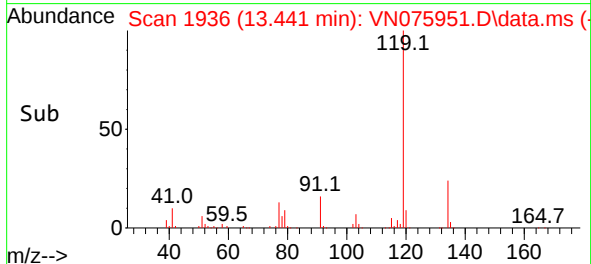
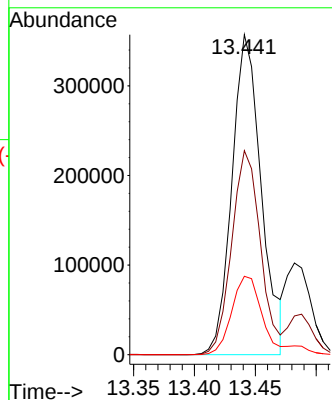
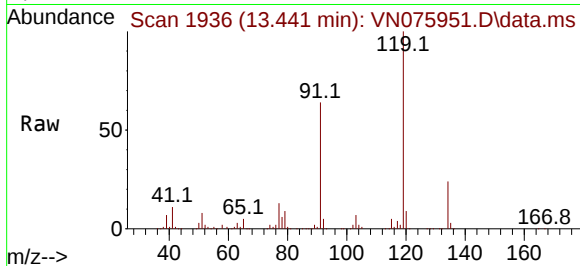
#83
tert-Butylbenzene
Concen: 52.766 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 598754
Ion Ratio Lower Upper
119 100
91 62.6 31.9 95.5
134 26.9 13.8 41.4

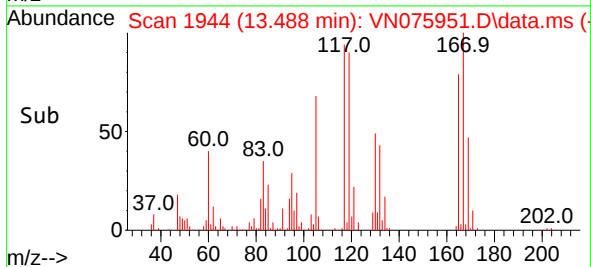
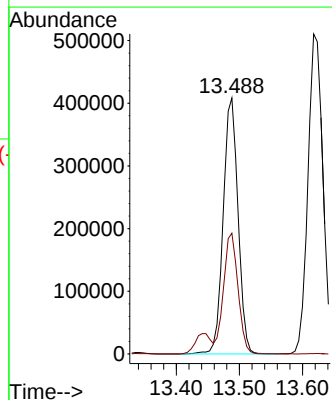
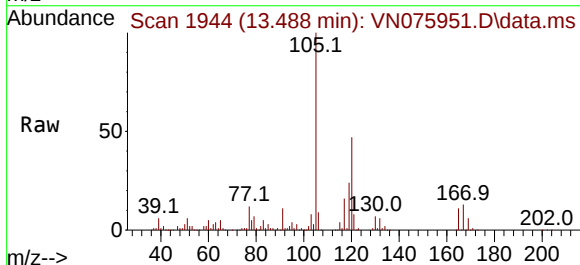
Manual Integrations
APPROVED

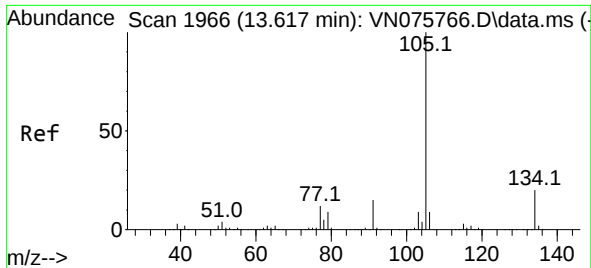
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#84
1,2,4-Trimethylbenzene
Concen: 52.145 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

Tgt Ion:105 Resp: 665779
Ion Ratio Lower Upper
105 100
120 46.1 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 53.432 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075951.D
 Acq: 22 Dec 2022 17:48

Instrument :

MSVOA_N

ClientSampleId :

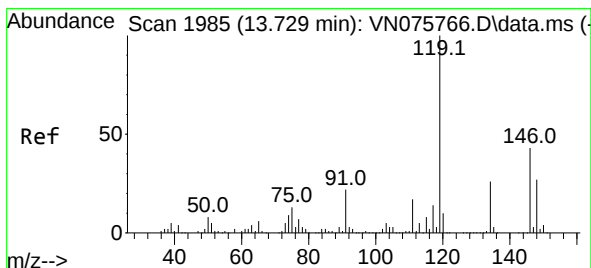
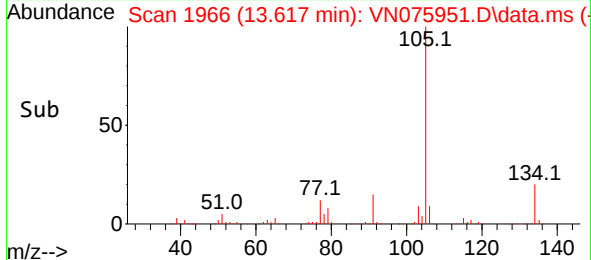
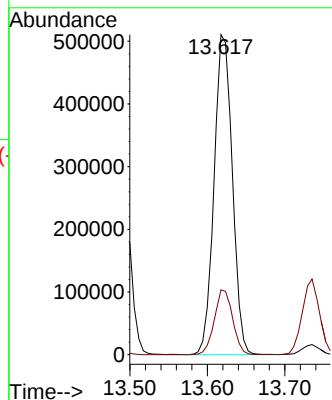
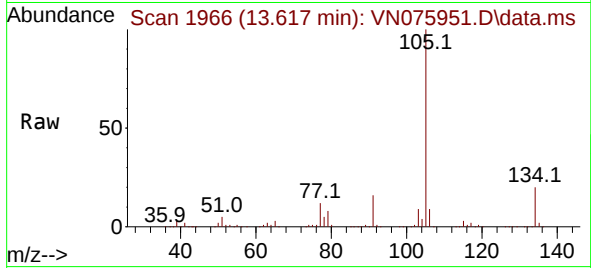
VSTDCCC050EC

Tgt Ion:105 Resp: 83684
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1

Manual Integrations

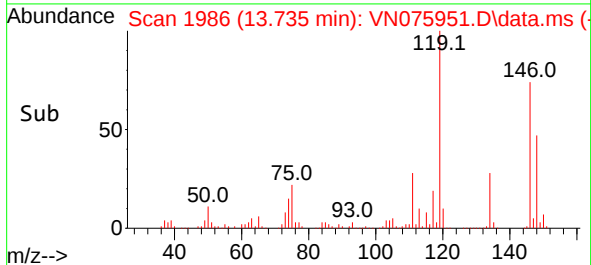
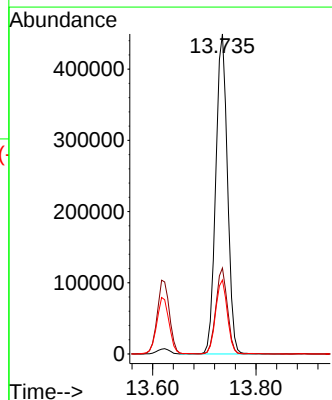
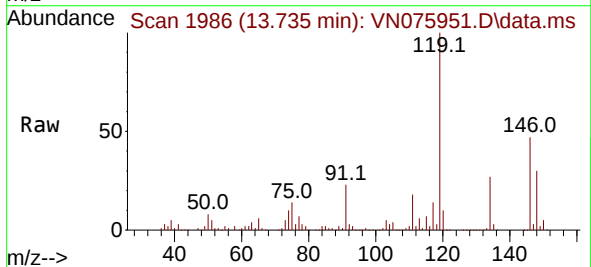
APPROVED

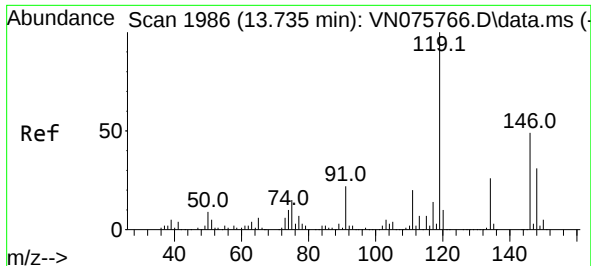
Reviewed By :John Carlone 12/27/2022
 Supervised By :Mahesh Dadoda 12/27/2022



#86
 p-Isopropyltoluene
 Concen: 54.142 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075951.D
 Acq: 22 Dec 2022 17:48

Tgt Ion:119 Resp: 705587
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 39.0
 91 23.1 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 48.926 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN075951.D

Acq: 22 Dec 2022 17:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 35171

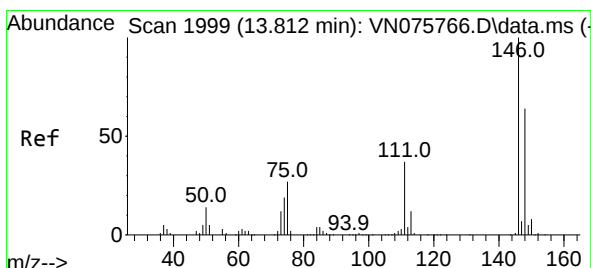
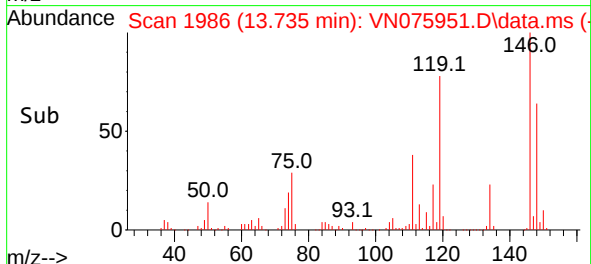
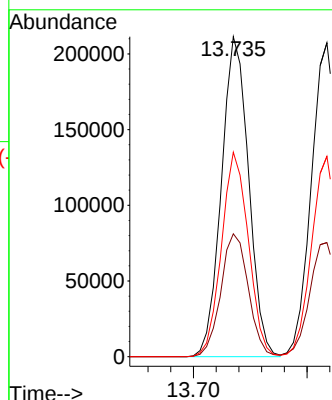
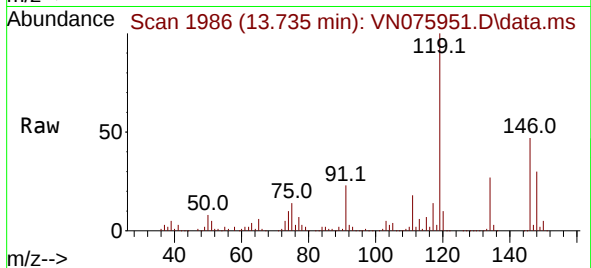
Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.7	59.0
148	63.3	31.4	94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#88

1,4-Dichlorobenzene

Concen: 47.440 ug/l

RT: 13.817 min Scan# 2000

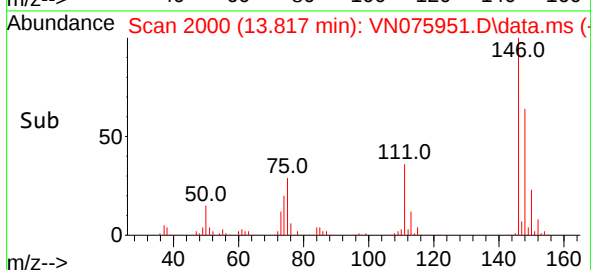
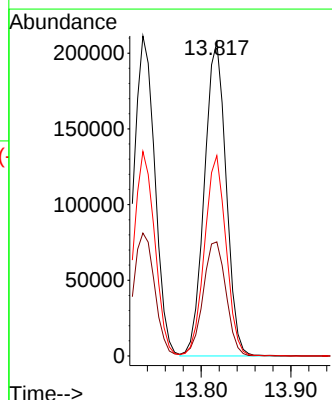
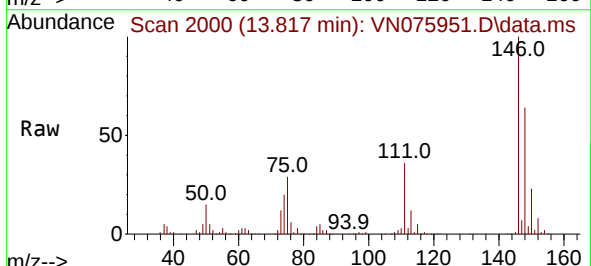
Delta R.T. 0.006 min

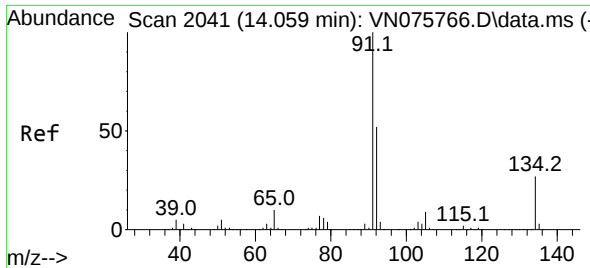
Lab File: VN075951.D

Acq: 22 Dec 2022 17:48

Tgt Ion:146 Resp: 348390

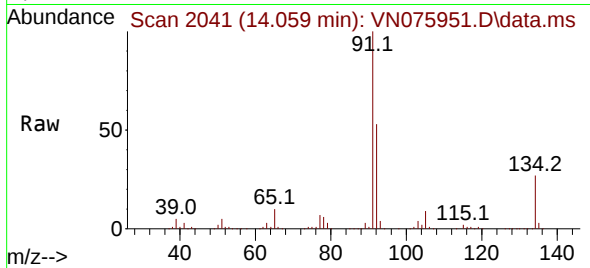
Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	63.2	32.0	96.2





#89
n-Butylbenzene
Concen: 54.264 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

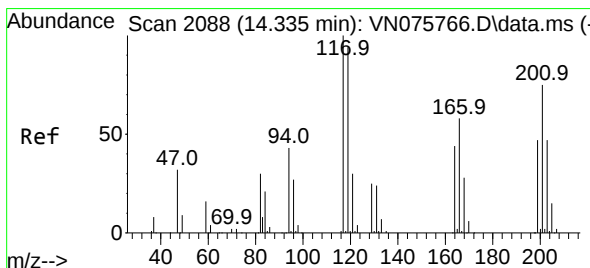
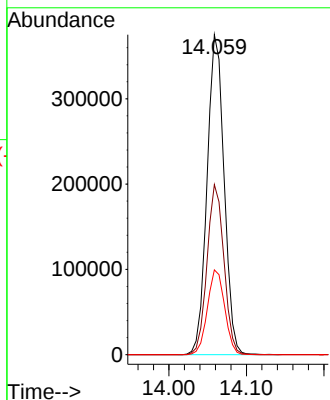
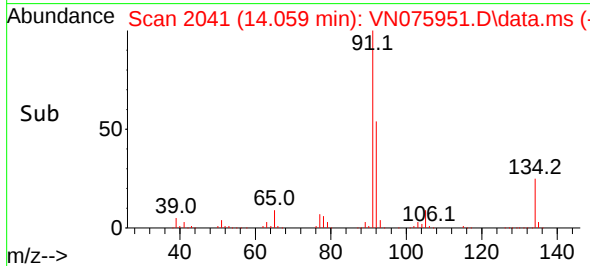
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 57290
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.2
134 26.9 13.4 40.2

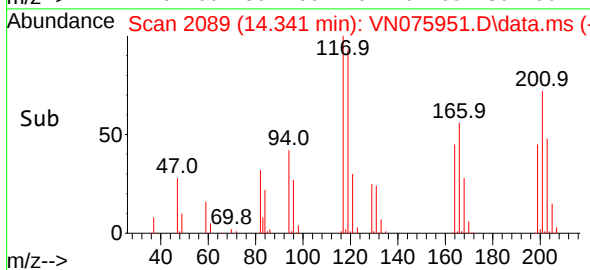
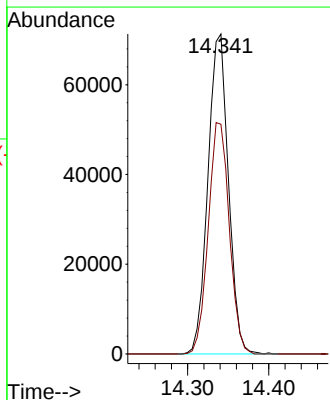
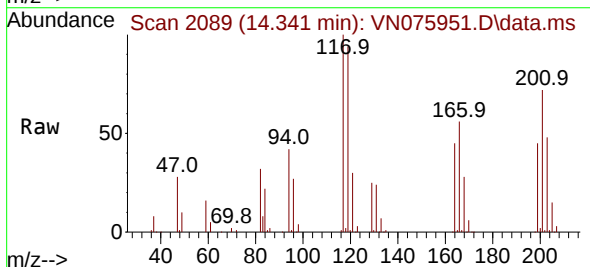
Manual Integrations
APPROVED

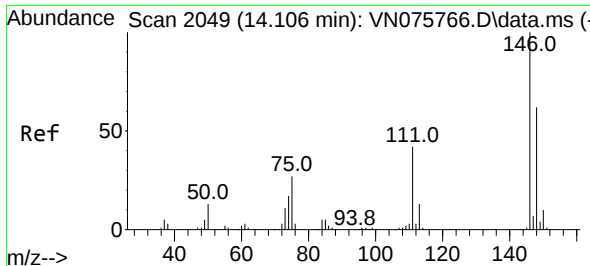
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#90
Hexachloroethane
Concen: 53.554 ug/l
RT: 14.341 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

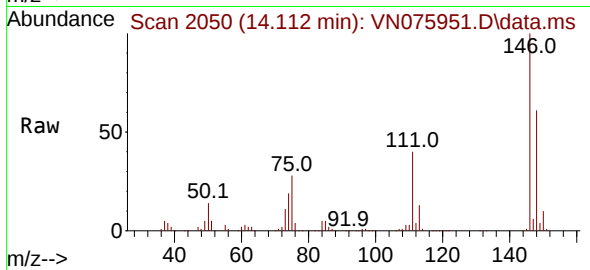
Tgt Ion:117 Resp: 124844
Ion Ratio Lower Upper
117 100
201 74.3 38.0 114.1





#91
1,2-Dichlorobenzene
Concen: 49.645 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

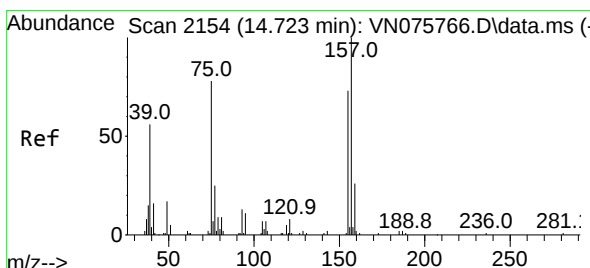
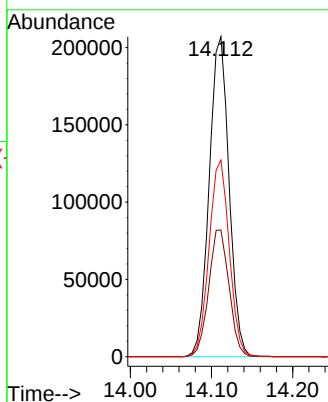
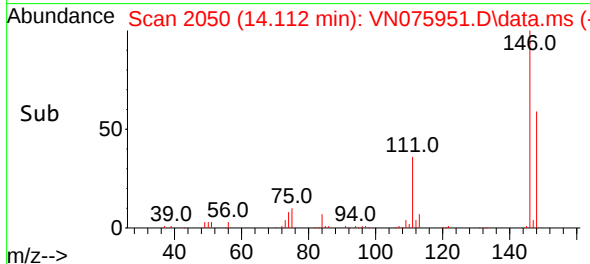
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



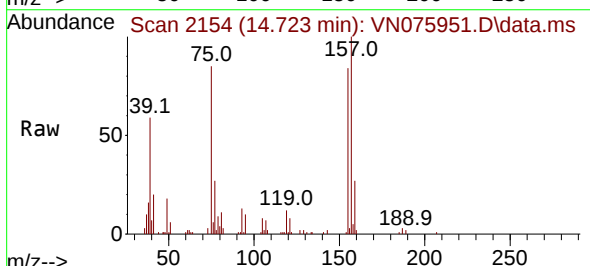
Tgt Ion:146 Resp: 35153
Ion Ratio Lower Upper
146 100
111 40.6 20.3 61.0
148 62.6 31.7 95.1

Manual Integrations
APPROVED

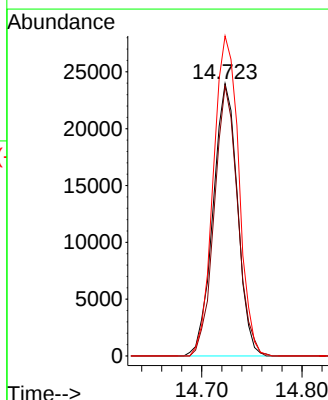
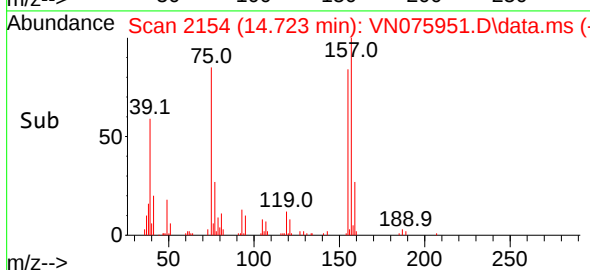
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

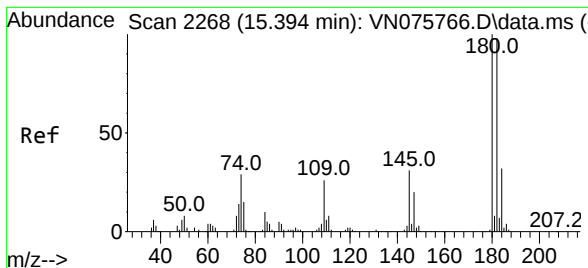


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.994 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48



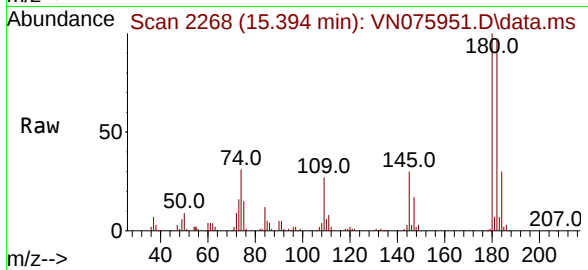
Tgt Ion: 75 Resp: 40484
Ion Ratio Lower Upper
75 100
155 94.9 49.3 147.8
157 122.3 63.7 191.3





#93
1,2,4-Trichlorobenzene
Concen: 49.855 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

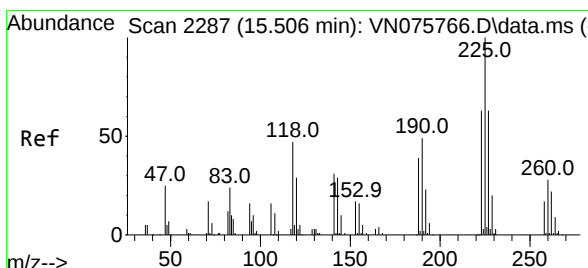
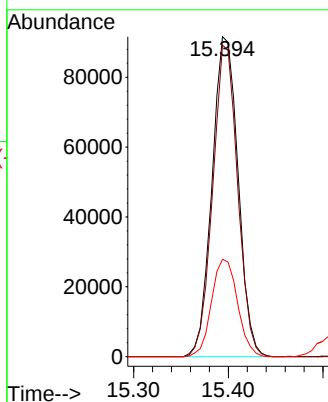
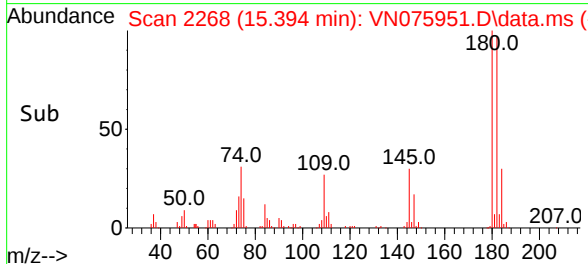
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 174769
Ion Ratio Lower Upper
180 100
182 93.4 47.5 142.5
145 30.3 15.3 45.8

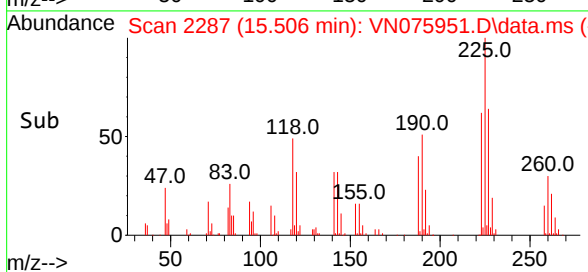
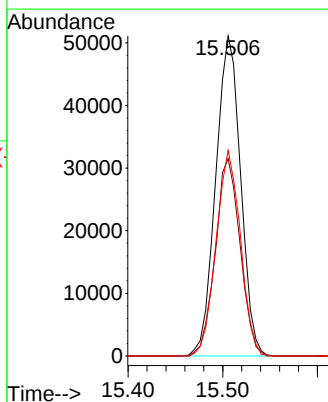
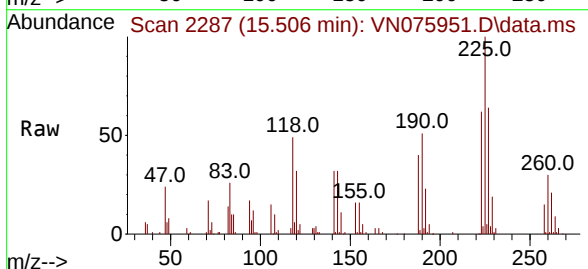
Manual Integrations
APPROVED

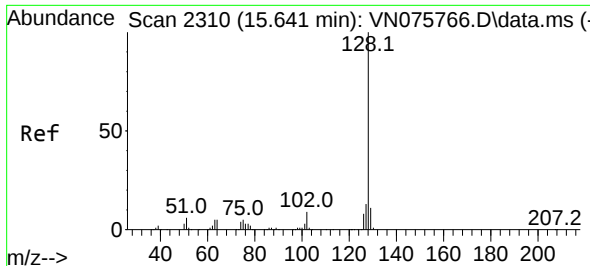
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#94
Hexachlorobutadiene
Concen: 48.778 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

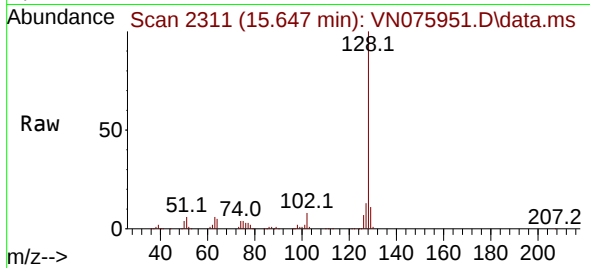
Tgt Ion:225 Resp: 93293
Ion Ratio Lower Upper
225 100
223 61.4 31.5 94.5
227 62.9 31.6 95.0





#95
Naphthalene
Concen: 45.783 ug/l
RT: 15.647 min Scan# 2310
Delta R.T. 0.006 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48

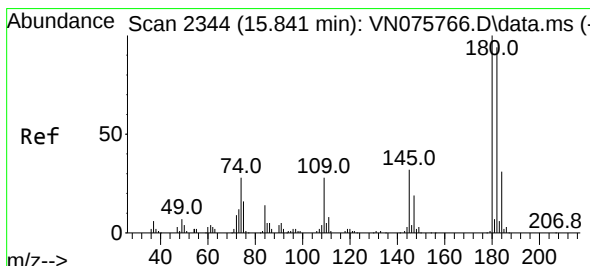
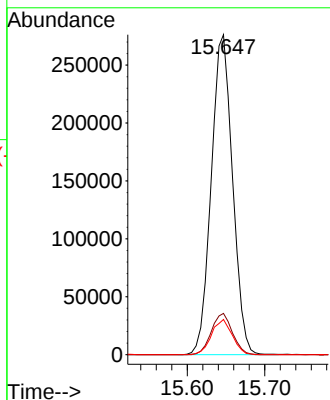
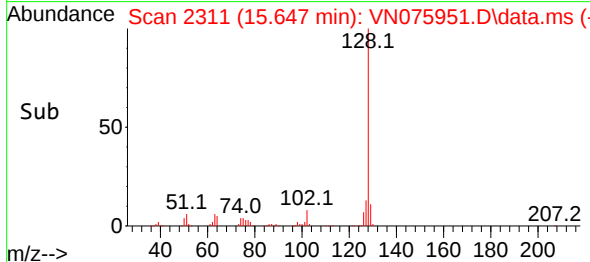
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



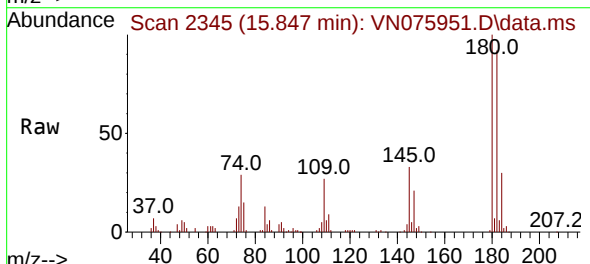
Tgt Ion:128 Resp: 52798
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.935 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075951.D
Acq: 22 Dec 2022 17:48



Tgt Ion:180 Resp: 170165
Ion Ratio Lower Upper
180 100
182 95.2 47.0 141.0
145 32.6 16.0 47.9

