

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090822\
 Data File : VN074352.D
 Acq On : 08 Sep 2022 12:23
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/09/2022
 Supervised By : Mahesh Dadoda 09/09/2022

Quant Time: Sep 08 13:44:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Sep 08 13:42:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.575	128	68355	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.898	114	417666	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.680	117	370815	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.363	65	223548	35.919	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 119.733%#			
60) 4-Bromofluorobenzene	12.668	95	209811	31.107	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 103.700%			
63) Toluene-d8	10.380	98	644708	31.030	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.433%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	28137	5.933	ug/l	98
3) Chloromethane	2.269	50	43002	6.823	ug/l	96
4) Vinyl Chloride	2.404	62	40851	5.434	ug/l	99
5) Bromomethane	2.787	94	28864	7.214	ug/l	96
6) Chloroethane	2.951	64	28322m	5.564	ug/l	
7) Trichlorofluoromethane	3.316	101	46349	6.047	ug/l	96
8) Diethyl Ether	3.763	74	18569	5.886	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.145	101	26444m	5.779	ug/l	
10) 1,1-Dichloroethene	4.110	96	24304	5.481	ug/l	89
11) Methyl Iodide	4.340	142	23810	4.547	ug/l	82
12) Methyl Acetate	4.769	43	62275	7.940	ug/l #	83
13) Acrolein	3.975	56	32967	25.539	ug/l	96
14) Acrylonitrile	5.469	53	99768	28.706	ug/l #	85
15) Acetone	4.222	58	28205	29.301	ug/l	78
16) Carbon Disulfide	4.451	76	71251	5.850	ug/l	95
17) Allyl chloride	4.757	41	55115	7.055	ug/l	94
18) Methylene Chloride	5.004	84	35583	6.411	ug/l #	84
19) trans-1,2-Dichloroethene	5.510	96	28952	5.954	ug/l #	86
20) Diisopropyl ether	6.404	45	105453	6.286	ug/l #	96
21) 1,1-Dichloroethane	6.304	63	60455m	6.299	ug/l	
22) cis-1,2-Dichloroethene	7.234	96	35762m	6.008	ug/l	
23) tert-Butyl Alcohol	5.275	59	40795	31.013	ug/l #	100
24) Methyl tert-Butyl Ether	5.522	73	103712m	6.393	ug/l	
25) Chloroform	7.739	83	57647	5.860	ug/l	99
26) Cyclohexane	8.022	56	53546	6.308	ug/l #	94
29) 1,1-Dichloropropene	8.151	75	41625	5.238	ug/l	94
30) 2-Butanone	7.257	43	145681	26.342	ug/l	96
31) 2,2-Dichloropropane	7.245	77	55358	6.389	ug/l #	86
32) 1,1,1-Trichloroethane	7.939	97	52674	5.687	ug/l	96
33) Carbon Tetrachloride	8.128	117	47233	5.931	ug/l	94
34) Benzene	8.386	78	130778	5.157	ug/l #	76
35) Methacrylonitrile	7.563	41	27751	6.247	ug/l	88
36) 1,2-Dichloroethane	8.457	62	52134m	6.118	ug/l	
37) Trichloroethene	9.151	130	29972	4.853	ug/l	86
38) Methylcyclohexane	9.392	83	55045	5.564	ug/l	97
39) 1,2-Dichloropropane	9.422	63	34684	5.395	ug/l	97
40) Dibromomethane	9.516	93	23793	5.452	ug/l	96
41) Bromodichloromethane	9.698	83	45870	5.325	ug/l #	88
42) Vinyl Acetate	6.345	43	491177	29.938	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090822\
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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Manual Integrations

APPROVED

Reviewed By : John Carlone 09/09/2022

Supervised By : Mahesh Dadoda 09/09/2022

Quant Time: Sep 08 13:44:55 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090822W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Thu Sep 08 13:42:46 2022

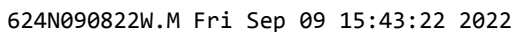
Response via : Initial Calibration

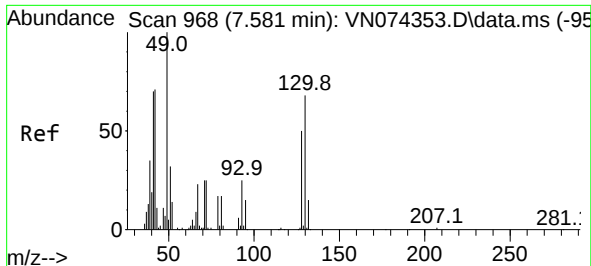
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.333	43	54315	5.043	ug/l	99
44) Isopropyl Acetate	8.486	43	96993	6.386	ug/l	99
45) 1,4-Dioxane	9.504	88	15551	90.817	ug/l	93
46) Methyl methacrylate	9.492	41	42005	6.248	ug/l	92
47) n-amyl Acetate	12.327	43	79859	6.337	ug/l	99
48) t-1,3-Dichloropropene	10.663	75	52151m	5.677	ug/l	
49) cis-1,3-Dichloropropene	10.122	75	53292	5.354	ug/l	96
50) 1,1,2-Trichloroethane	10.839	97	33688	5.194	ug/l	94
51) Ethyl methacrylate	10.698	69	55195	5.403	ug/l	94
52) 1,3-Dichloropropane	10.986	76	55284	4.991	ug/l	99
53) Dibromochloromethane	11.174	129	30599	4.578	ug/l	98
54) 1,2-Dibromoethane	11.280	107	32299	4.840	ug/l	98
55) 2-Chloroethyl vinyl ether	9.980	63	140944	30.608	ug/l	97
56) Bromoform	12.398	173	23101	4.429	ug/l #	97
58) 4-Methyl-2-Pentanone	10.269	43	299327	29.914	ug/l	96
59) 2-Hexanone	11.022	43	232254	30.043	ug/l	97
61) Tetrachloroethene	10.916	164	24865	4.565	ug/l	91
62) Toluene	10.445	91	143296	5.511	ug/l	99
64) Chlorobenzene	11.710	112	82181	5.280	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.780	131	30327	5.198	ug/l	92
66) Ethyl Benzene	11.786	91	147586	5.233	ug/l	97
67) m/p-Xylenes	11.892	106	107378	9.974	ug/l	92
68) o-Xylene	12.221	106	57962	5.394	ug/l	95
69) Styrene	12.233	104	91470	5.204	ug/l	97
70) Isopropylbenzene	12.521	105	142713	5.189	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.768	83	53675	5.584	ug/l	98
72) 1,2,3-Trichloropropane	12.827	75	48394m	5.744	ug/l	
73) Bromobenzene	12.798	156	32070	4.840	ug/l	87
74) n-propylbenzene	12.863	91	162551	5.093	ug/l	99
75) 2-Chlorotoluene	12.951	91	99686	5.226	ug/l	97
76) 1,3,5-Trimethylbenzene	13.004	105	118341	5.166	ug/l	97
77) t-1,4-Dichloro-2-butene	12.563	75	17033	5.506	ug/l	92
78) 4-Chlorotoluene	13.045	91	94261	5.123	ug/l	98
79) tert-butylbenzene	13.263	119	104739	5.213	ug/l	99
80) 1,2,4-Trimethylbenzene	13.310	105	119021m	5.215	ug/l	
81) sec-Butylbenzene	13.445	105	141818	4.985	ug/l	100
82) p-Isopropyltoluene	13.557	119	114675	4.902	ug/l	98
83) 1,3-Dichlorobenzene	13.557	146	52277	4.297	ug/l	95
84) 1,4-Dichlorobenzene	13.633	146	51956	4.416	ug/l	93
85) n-Butylbenzene	13.886	91	100752	5.188	ug/l	96
86) Hexachloroethane	14.151	117	24486	5.587	ug/l	94
87) 1,2-Dichlorobenzene	13.927	146	58123	4.726	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.545	75	12006	5.528	ug/l	98
89) 1,2,4-Trichlorobenzene	15.198	180	27879	4.086	ug/l	98
90) Hexachlorobutadiene	15.304	225	12188	3.646	ug/l	86
91) Naphthalene	15.439	128	113032	4.856	ug/l	99
92) 1,2,3-Trichlorobenzene	15.633	180	29441	4.258	ug/l	98

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

Manual Integrations APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090822W.M
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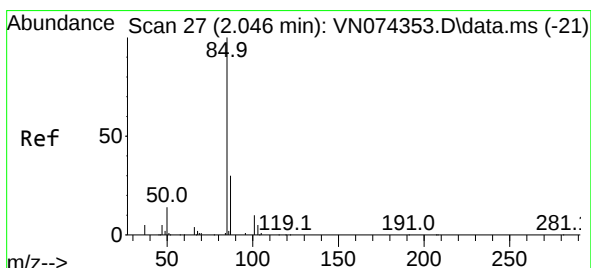
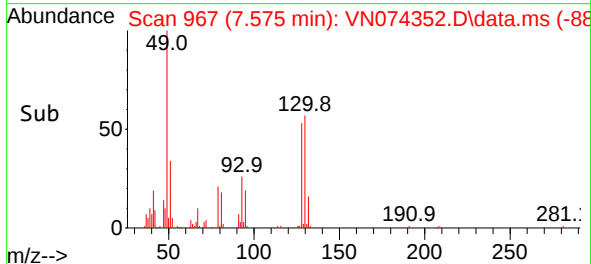
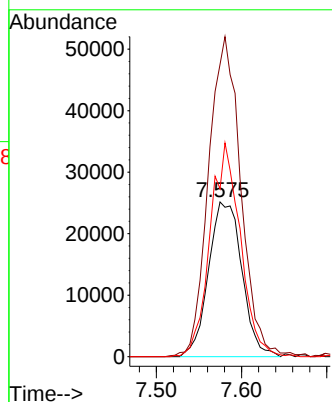
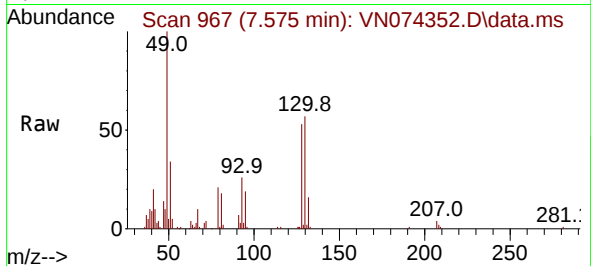
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.575 min Scan# 90
Delta R.T. -0.006 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:128 Resp: 6835
Ion Ratio Lower Upper
128 100
49 199.6 0.0 392.3
130 125.6 0.0 320.2

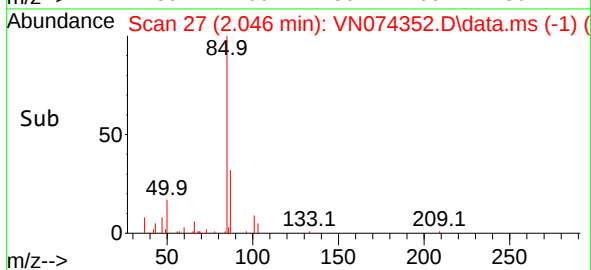
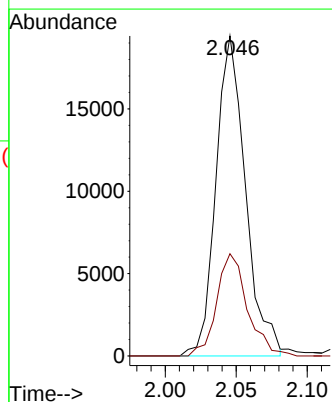
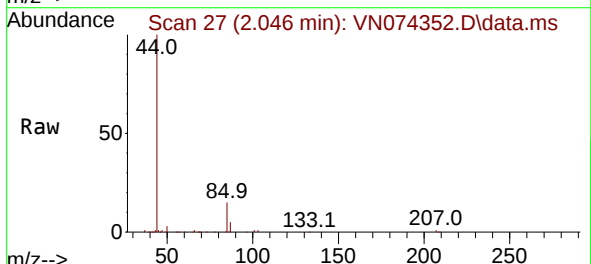
Manual Integrations
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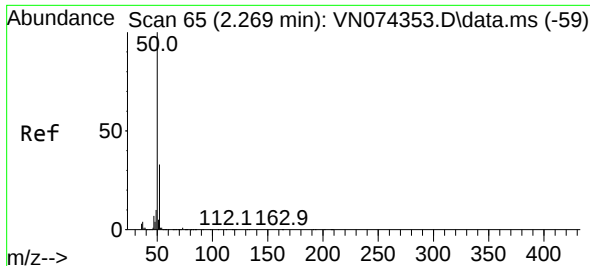
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#2
Dichlorodifluoromethane
Concen: 5.933 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

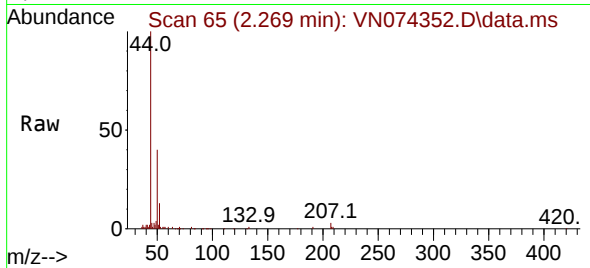
Tgt Ion: 85 Resp: 28137
Ion Ratio Lower Upper
85 100
87 31.9 16.6 49.7





#3
Chloromethane
Concen: 6.823 ug/l
RT: 2.269 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

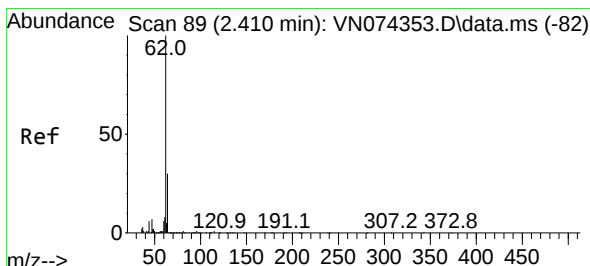
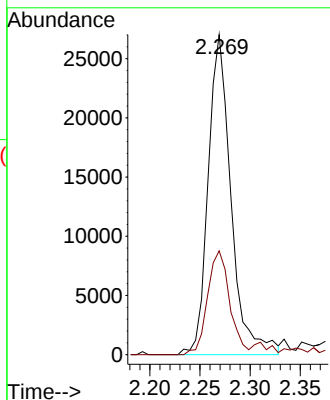
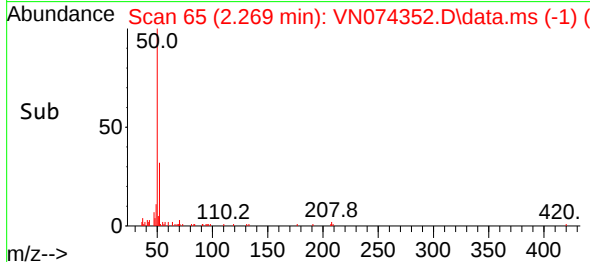
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



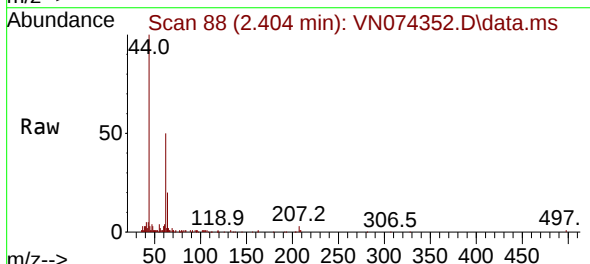
Tgt Ion: 50 Resp: 43002
Ion Ratio Lower Upper
50 100
52 32.5 27.8 41.6

Manual Integrations
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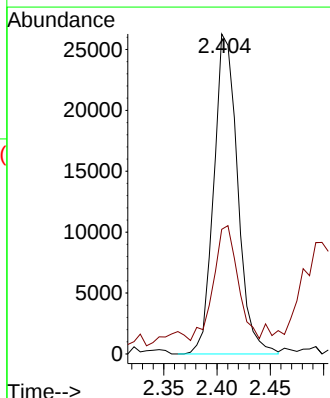
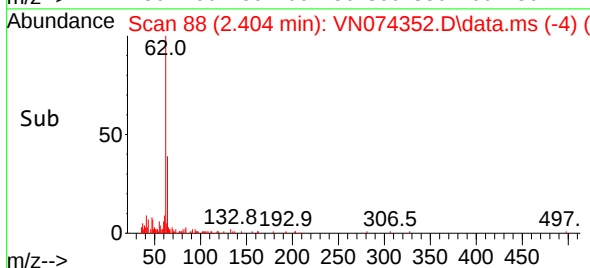
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

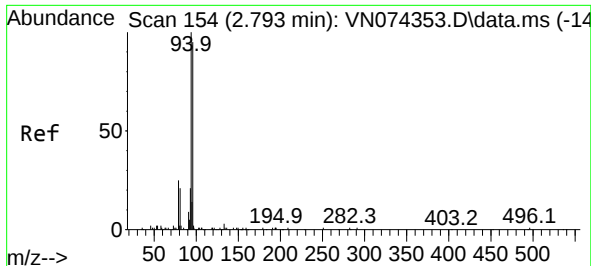


#4
Vinyl Chloride
Concen: 5.434 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.006 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23



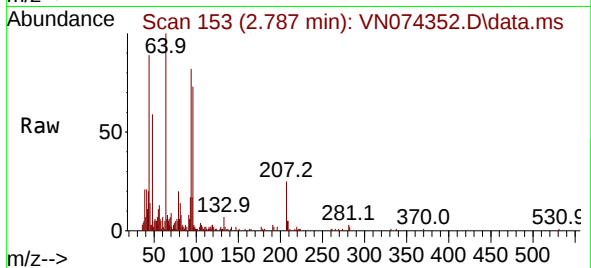
Tgt Ion: 62 Resp: 40851
Ion Ratio Lower Upper
62 100
64 31.9 25.1 37.7





#5
Bromomethane
Concen: 7.214 ug/l
RT: 2.787 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

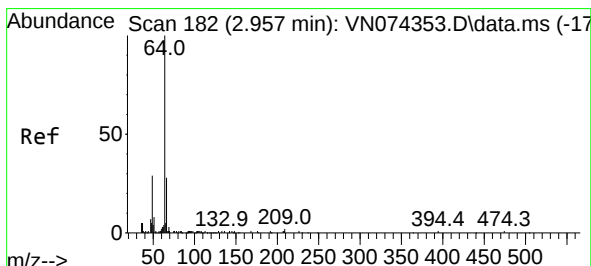
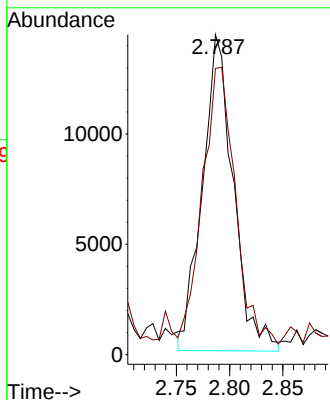
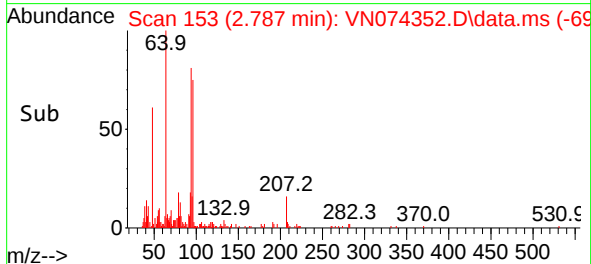
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 94 Resp: 28864
Ion Ratio Lower Upper
94 100
96 89.7 75.2 112.8

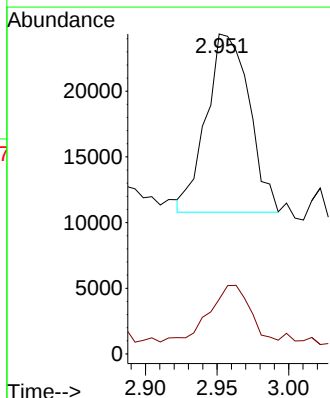
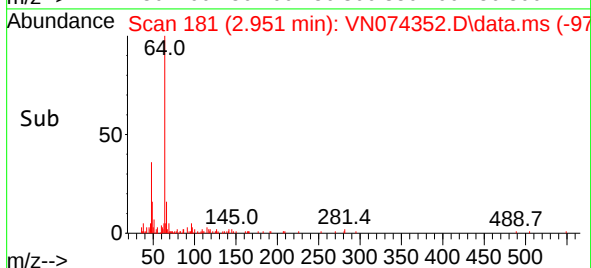
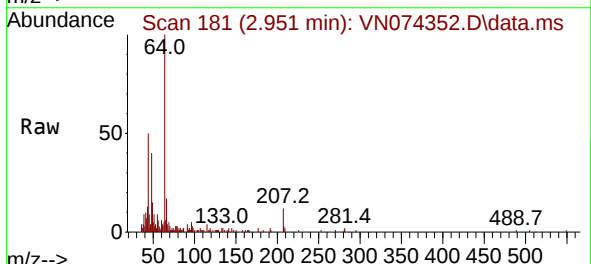
Manual Integrations
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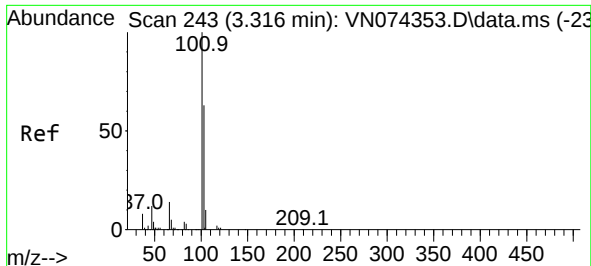
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#6
Chloroethane
Concen: 5.564 ug/l m
RT: 2.951 min Scan# 181
Delta R.T. -0.006 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

Tgt Ion: 64 Resp: 28322
Ion Ratio Lower Upper
64 100
66 17.1 24.6 36.8#





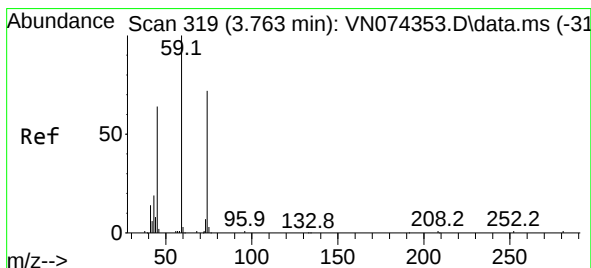
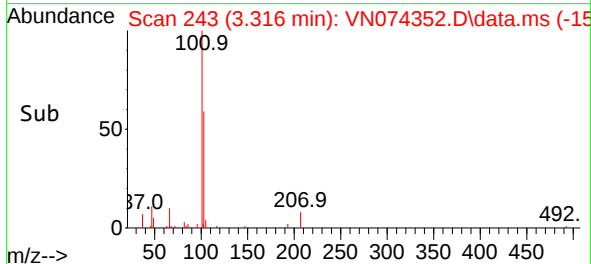
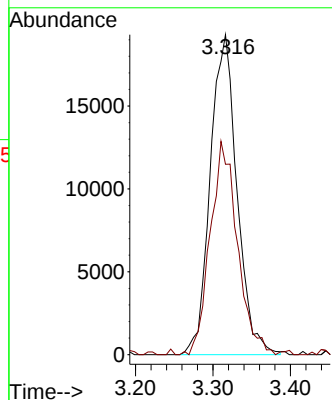
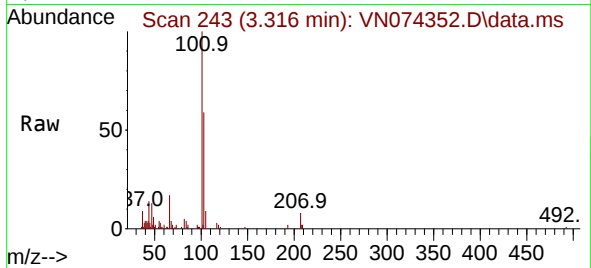
#7
 Trichlorofluoromethane
 Concen: 6.047 ug/l
 RT: 3.316 min Scan# 243
 Delta R.T. -0.000 min
 Lab File: VN074352.D
 Acq: 08 Sep 2022 12:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:101 Resp: 46349
 Ion Ratio Lower Upper
 101 100
 103 59.5 50.1 75.1

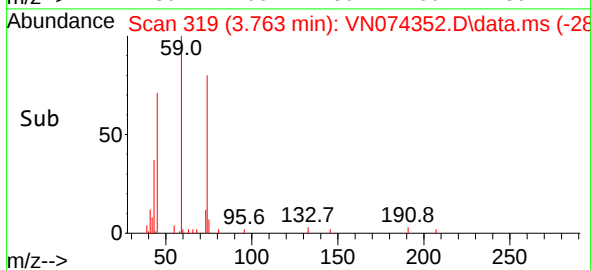
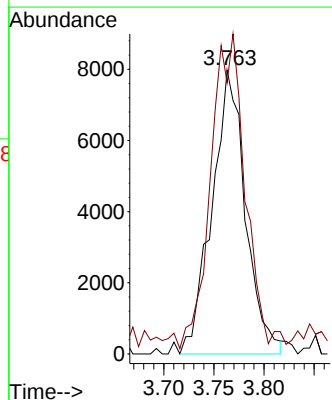
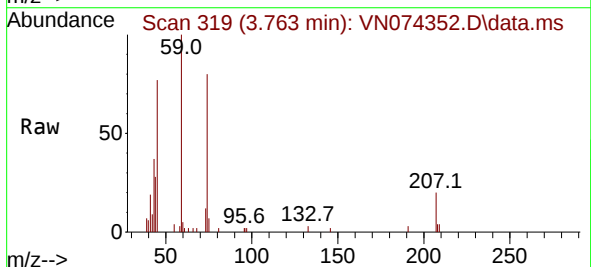
Manual Integrations
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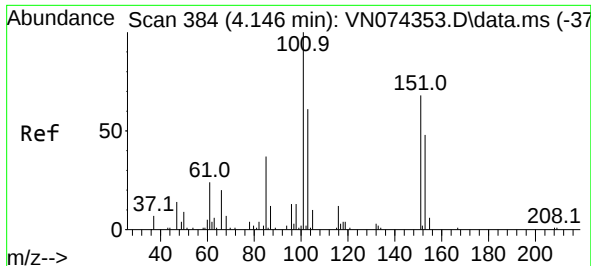
Reviewed By :John Carlone 09/09/2022
 Supervised By :Mahesh Dadoda 09/09/2022



#8
 Diethyl Ether
 Concen: 5.886 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VN074352.D
 Acq: 08 Sep 2022 12:23

Tgt Ion: 74 Resp: 18569
 Ion Ratio Lower Upper
 74 100
 45 111.3 17.6 158.8





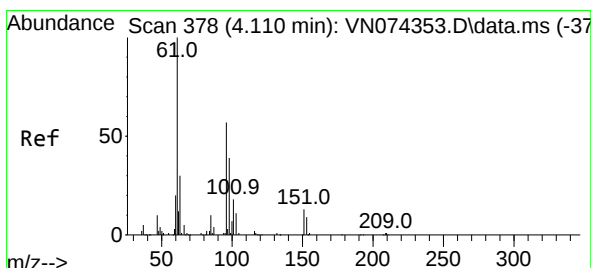
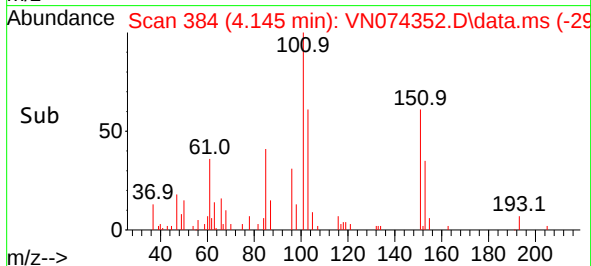
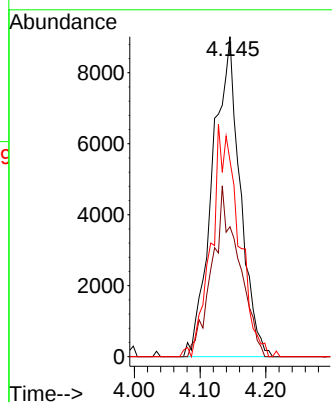
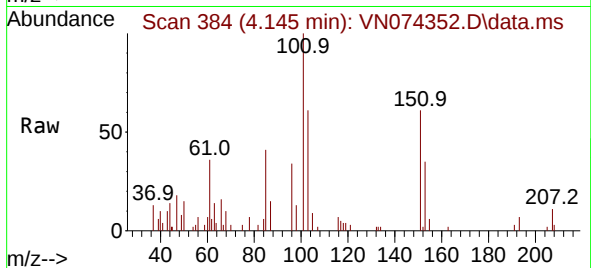
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1,1,2-Trichlorotrifluoroethane
Concen: 5.779 ug/l m
RT: 4.145 min Scan# 384
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 2644
Ion Ratio Lower Upper
101 100
85 28.3 0.0 94.0
151 7.3 0.0 74.6

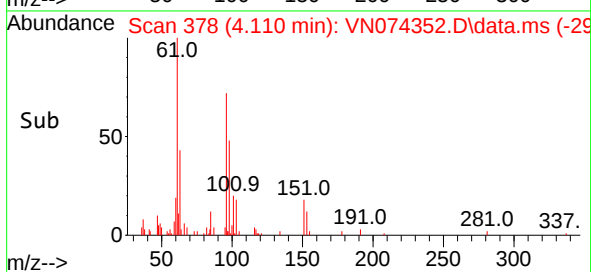
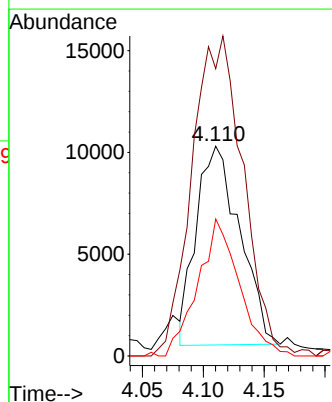
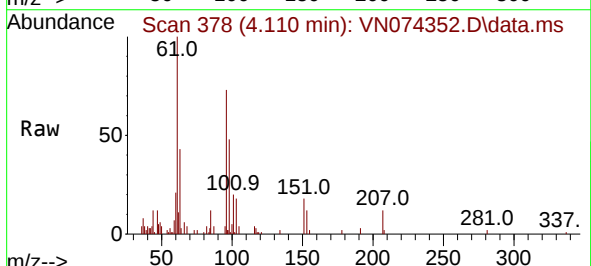
Manual Integrations
APPROVED

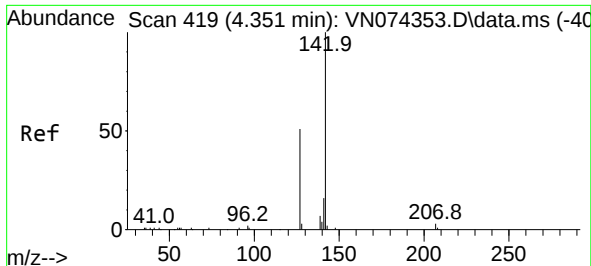
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#10
1,1-Dichloroethene
Concen: 5.481 ug/l
RT: 4.110 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

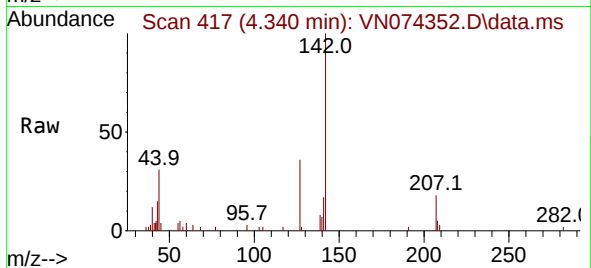
Tgt Ion: 96 Resp: 24304
Ion Ratio Lower Upper
96 100
61 140.5 126.2 189.4
98 66.9 50.9 76.3





#11
Methyl Iodide
Concen: 4.547 ug/l
RT: 4.340 min Scan# 419
Delta R.T. -0.012 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

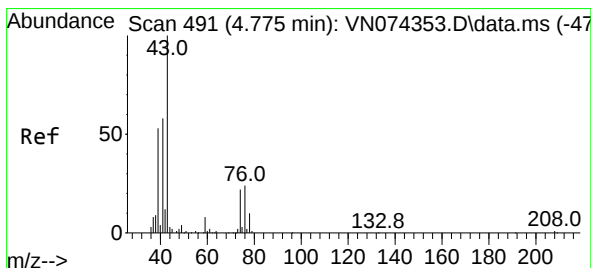
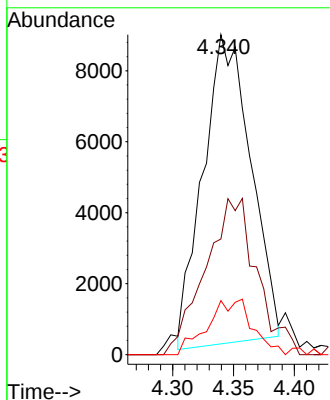
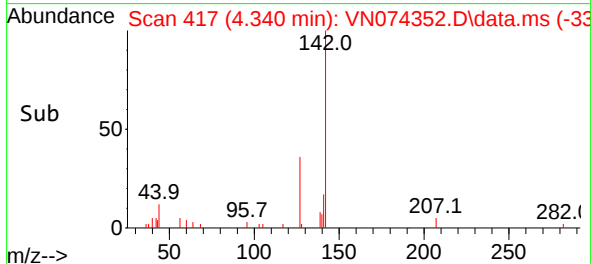
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC005



Tgt Ion: 142 Resp: 23810
Ion Ratio Lower Upper
142 100
127 31.5 24.0 72.0
141 16.8 8.4 25.2

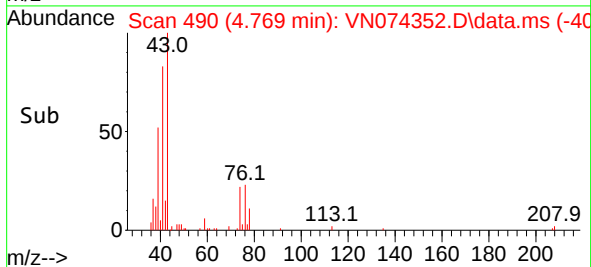
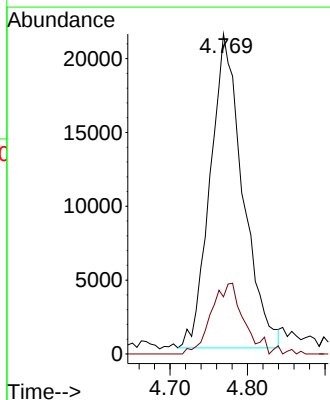
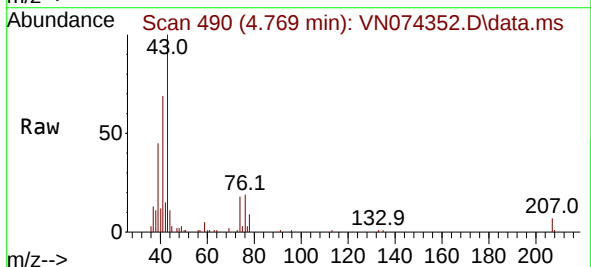
Manual Integrations
APPROVED

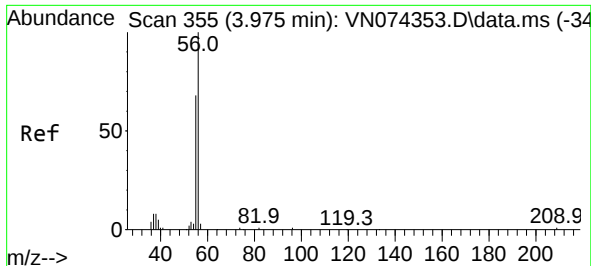
Reviewed By : John Carlone 09/09/2022
Supervised By : Mahesh Dadoda 09/09/2022



#12
Methyl Acetate
Concen: 7.940 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.006 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

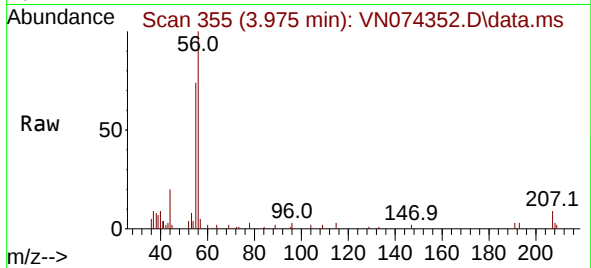
Tgt Ion: 43 Resp: 62275
Ion Ratio Lower Upper
43 100
74 17.4 20.8 31.2





#13
Acrolein
Concen: 25.539 ug/l
RT: 3.975 min Scan# 355
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

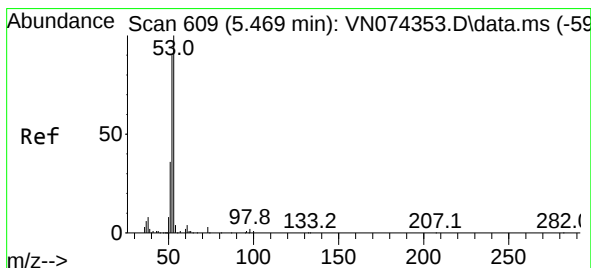
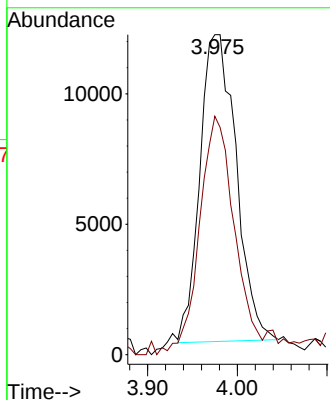
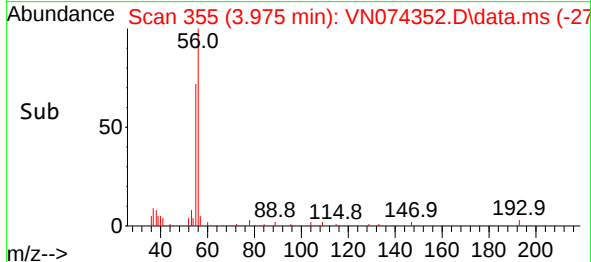
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



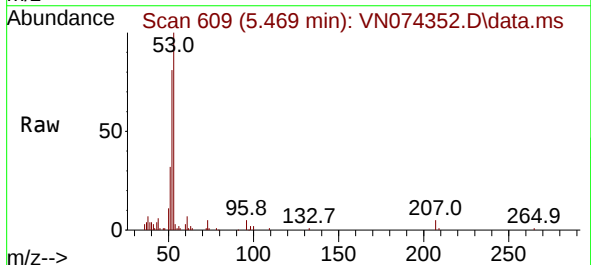
Tgt Ion: 56 Resp: 3296
Ion Ratio Lower Upper
56 100
55 75.2 57.6 86.4

Manual Integrations
APPROVED

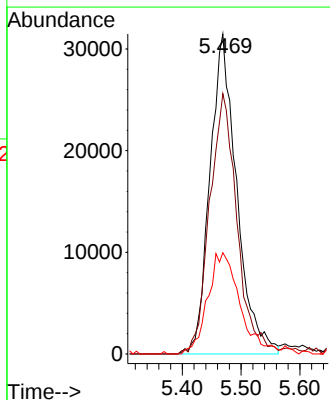
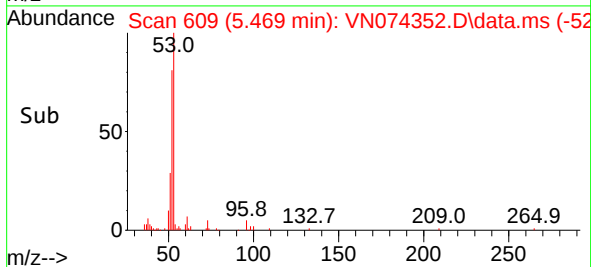
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

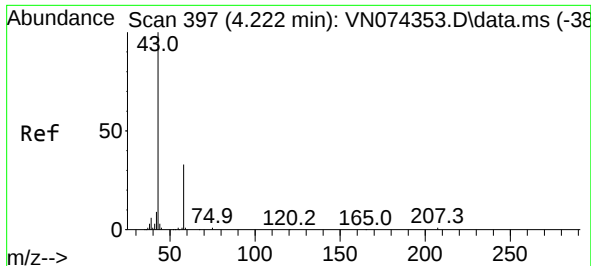


#14
Acrylonitrile
Concen: 28.706 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23



Tgt Ion: 53 Resp: 99768
Ion Ratio Lower Upper
53 100
52 78.8 41.8 125.4
51 15.7 19.0 57.0#





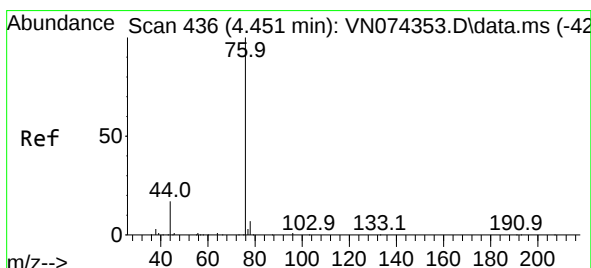
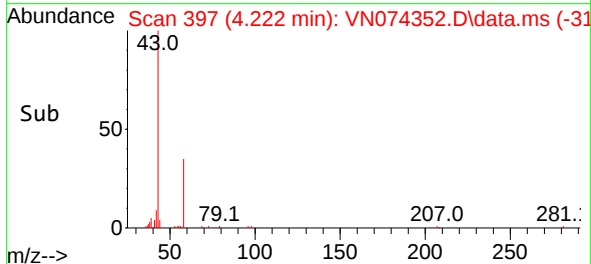
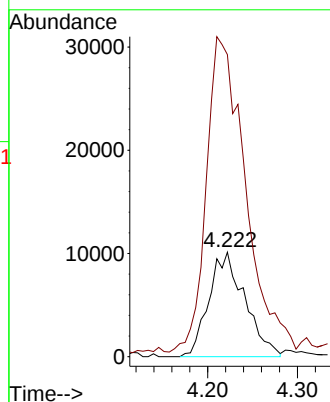
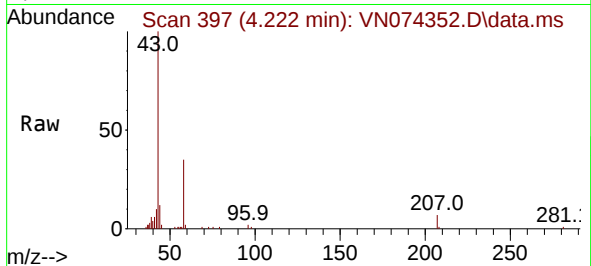
#15
Acetone
Concen: 29.301 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 58 Resp: 2820
Ion Ratio Lower Upper
58 100
43 276.6 256.6 384.8

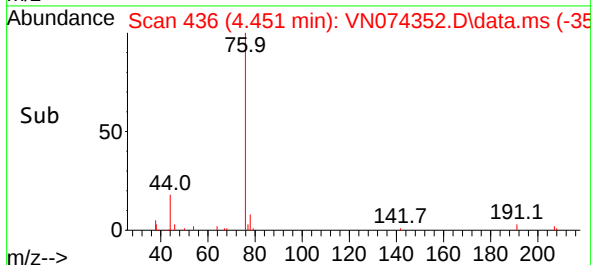
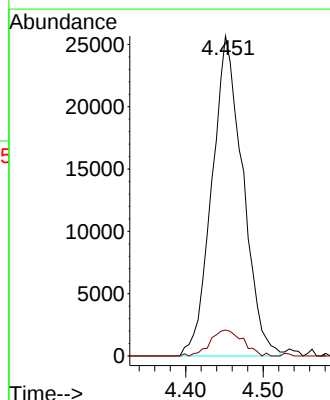
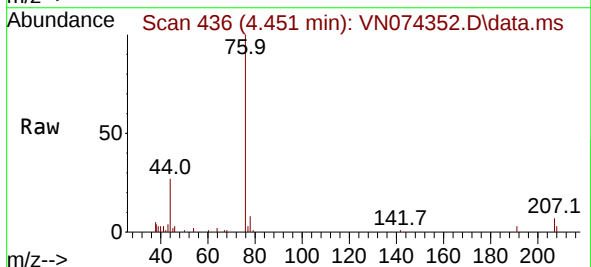
Manual Integrations
APPROVED

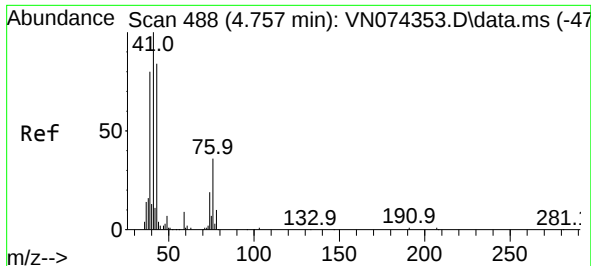
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#16
Carbon Disulfide
Concen: 5.850 ug/l
RT: 4.451 min Scan# 436
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

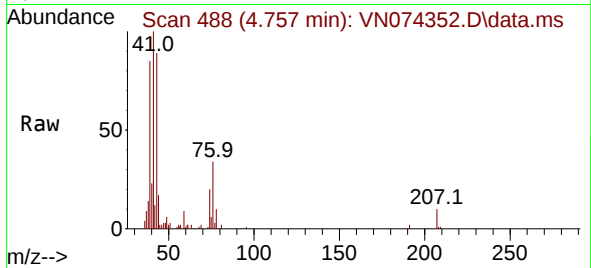
Tgt Ion: 76 Resp: 71251
Ion Ratio Lower Upper
76 100
78 8.1 7.8 11.8





#17
 Allyl chloride
 Concen: 7.055 ug/l
 RT: 4.757 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN074352.D
 Acq: 08 Sep 2022 12:23

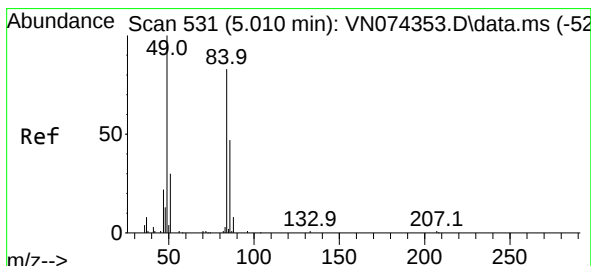
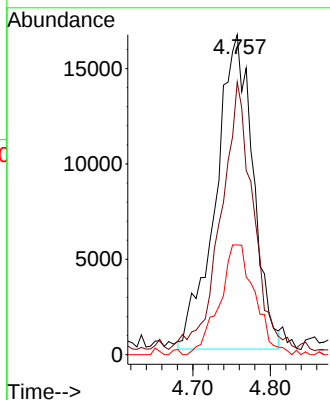
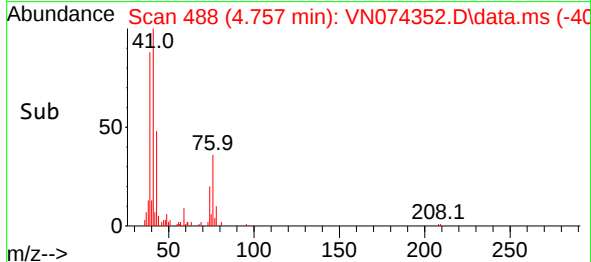
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



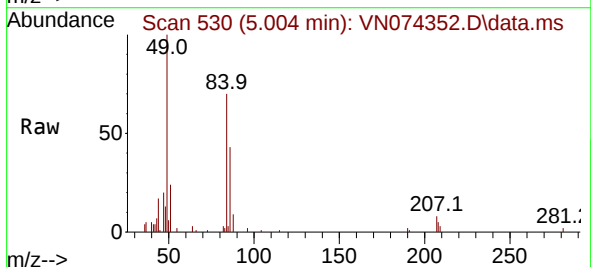
Tgt Ion: 41 Resp: 5511
 Ion Ratio Lower Upper
 41 100
 39 84.3 44.6 134.0
 76 34.1 19.6 58.7

Manual Integrations
 APPROVED

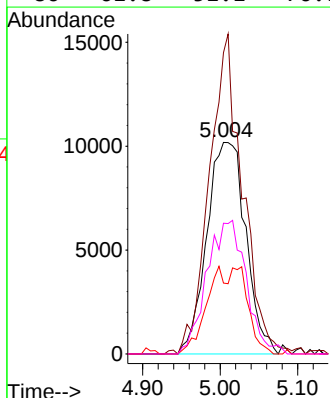
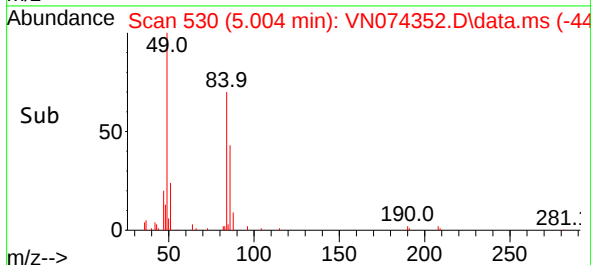
Reviewed By :John Carlone 09/09/2022
 Supervised By :Mahesh Dadoda 09/09/2022

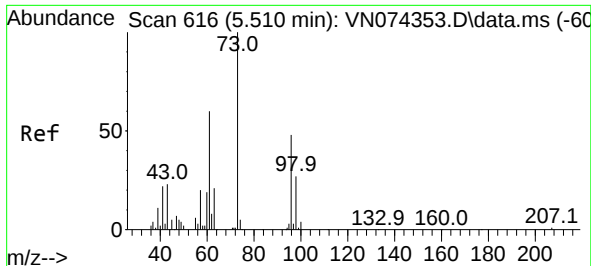


#18
 Methylene Chloride
 Concen: 6.411 ug/l
 RT: 5.004 min Scan# 530
 Delta R.T. -0.006 min
 Lab File: VN074352.D
 Acq: 08 Sep 2022 12:23



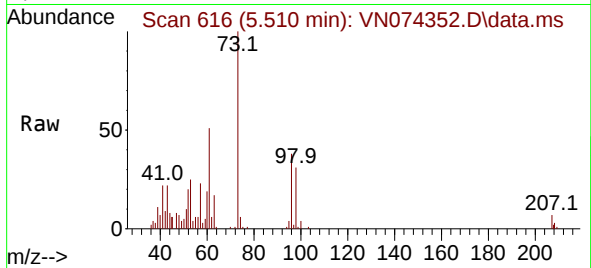
Tgt Ion: 84 Resp: 35583
 Ion Ratio Lower Upper
 84 100
 49 142.5 91.4 137.0#
 51 33.5 29.4 44.0
 86 61.8 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 5.954 ug/l
RT: 5.510 min Scan# 616
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

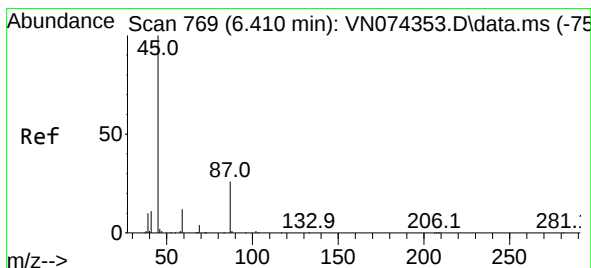
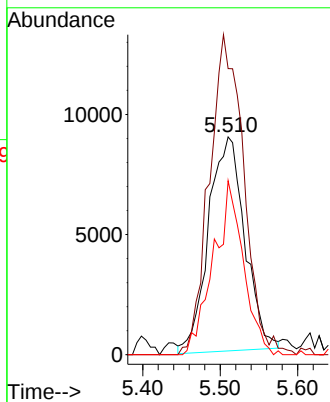
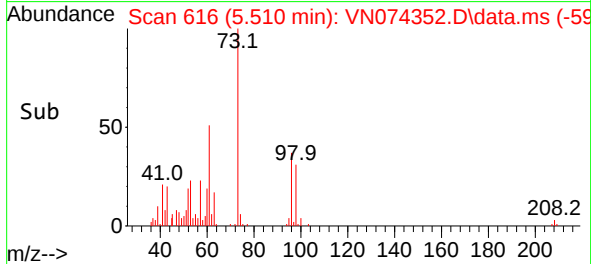
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



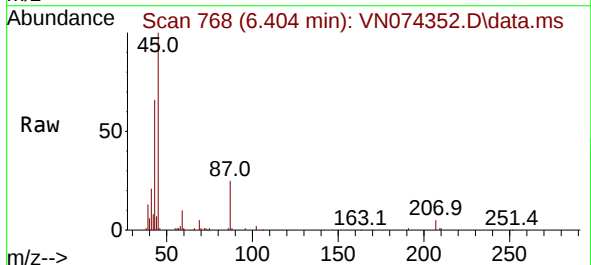
Tgt Ion: 96 Resp: 28952
Ion Ratio Lower Upper
96 100
61 136.8 102.8 154.2
98 83.1 49.3 73.9

Manual Integrations
APPROVED

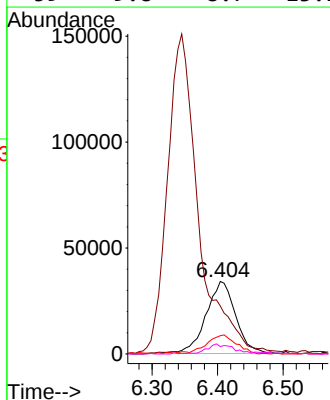
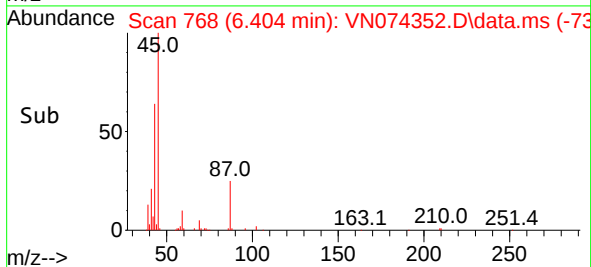
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

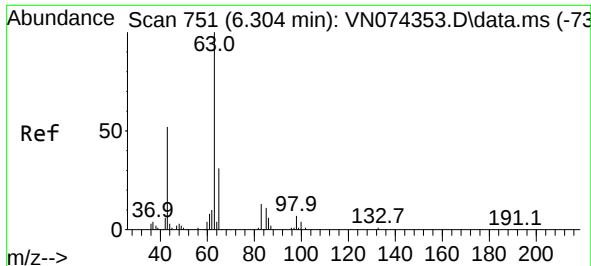


#20
Diisopropyl ether
Concen: 6.286 ug/l
RT: 6.404 min Scan# 768
Delta R.T. -0.006 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23



Tgt Ion: 45 Resp: 105453
Ion Ratio Lower Upper
45 100
43 63.0 51.0 76.4
87 24.8 25.0 37.4
59 9.8 8.7 13.1





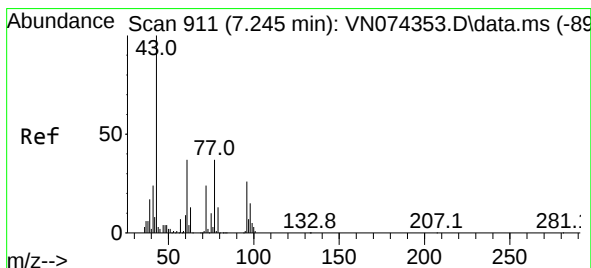
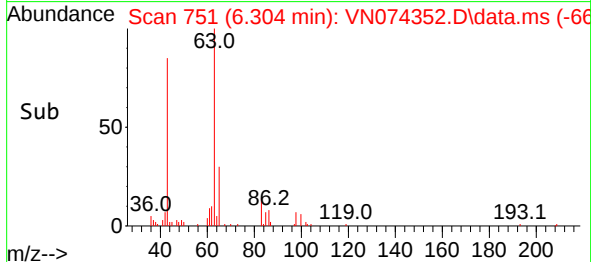
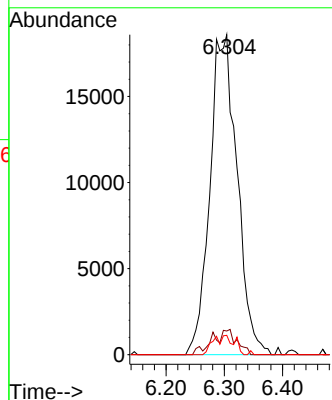
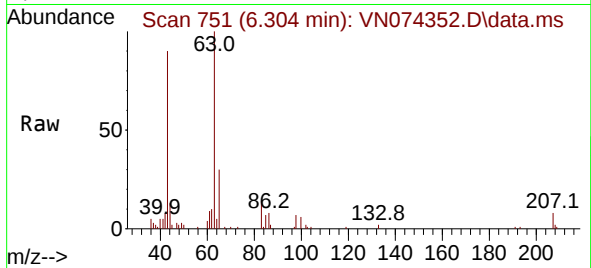
#21
1,1-Dichloroethane
Concen: 6.299 ug/l m
RT: 6.304 min Scan# 751
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 6045
Ion Ratio Lower Upper
63 100
98 7.4 3.2 9.6
100 6.1 2.1 6.2

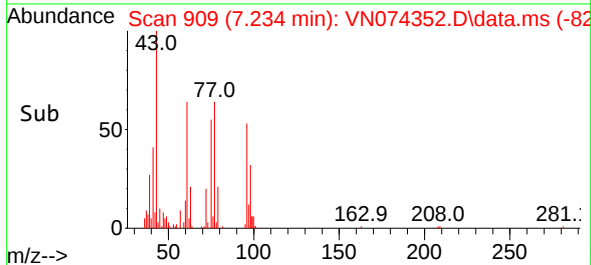
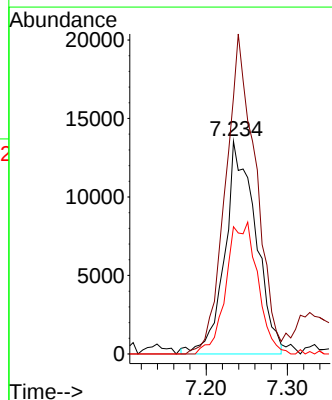
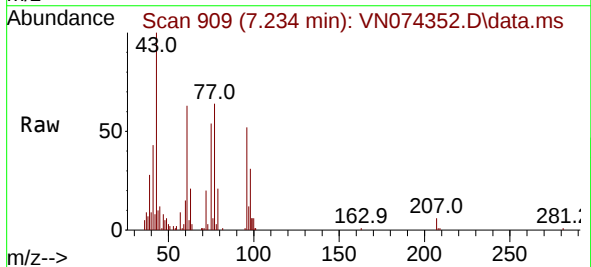
Manual Integrations
APPROVED

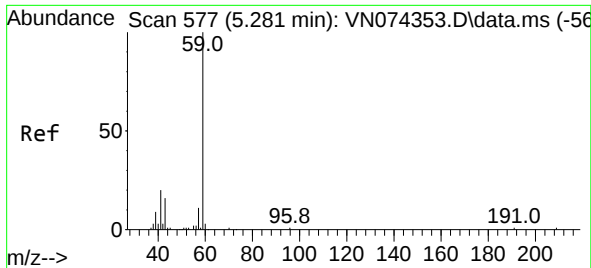
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#22
cis-1,2-Dichloroethene
Concen: 6.008 ug/l m
RT: 7.234 min Scan# 909
Delta R.T. -0.012 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

Tgt Ion: 96 Resp: 35762
Ion Ratio Lower Upper
96 100
61 146.9 115.7 173.5
98 36.8 51.6 77.4#





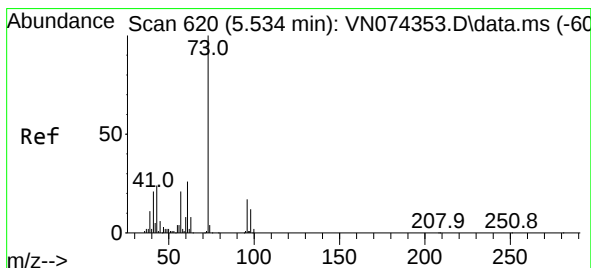
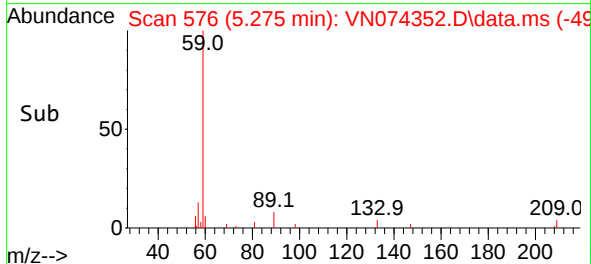
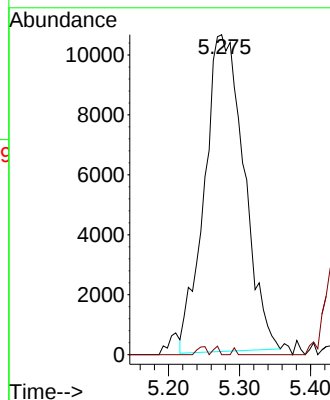
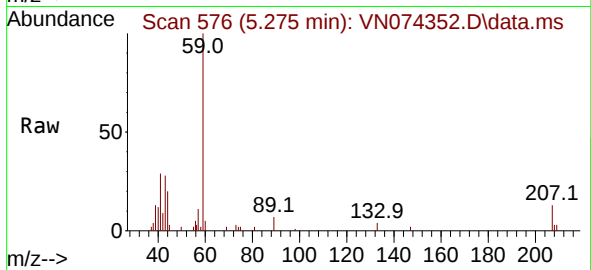
#23
tert-Butyl Alcohol
Concen: 31.013 ug/l
RT: 5.275 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 4079
Ion Ratio Lower Upper
59 100
52 0.4 0.0 0.0

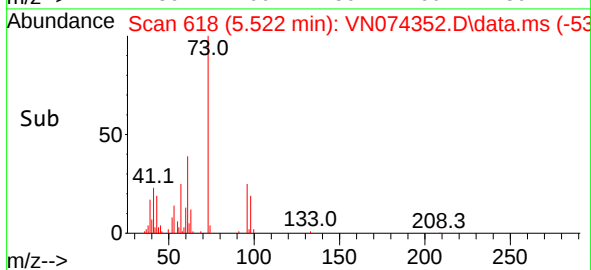
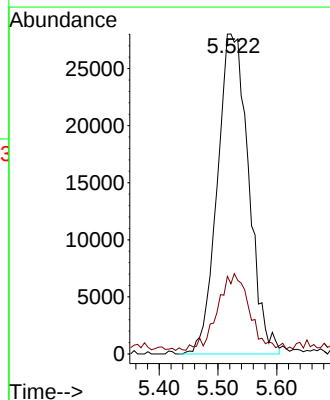
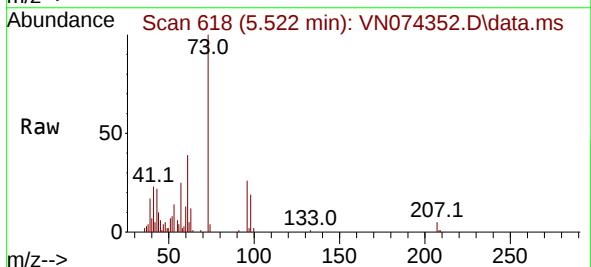
Manual Integrations
APPROVED

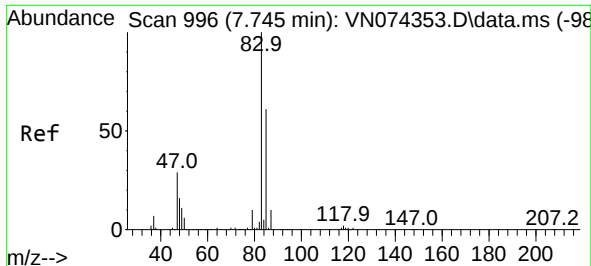
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#24
Methyl tert-Butyl Ether
Concen: 6.393 ug/l m
RT: 5.522 min Scan# 618
Delta R.T. -0.012 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

Tgt Ion: 73 Resp: 103712
Ion Ratio Lower Upper
73 100
43 21.9 18.1 27.1





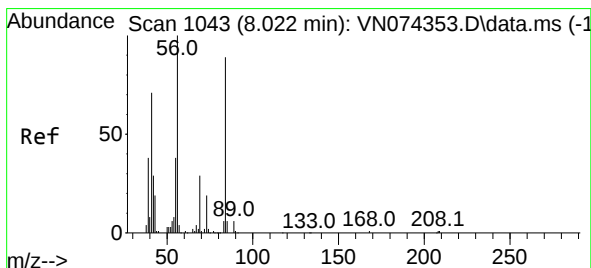
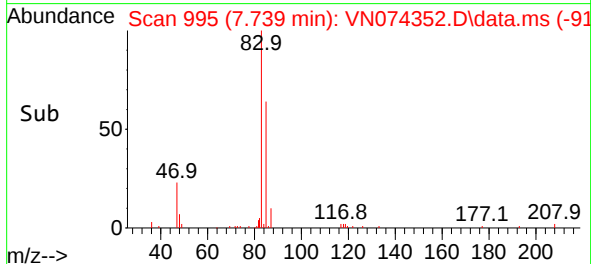
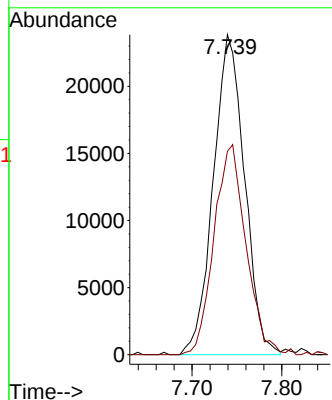
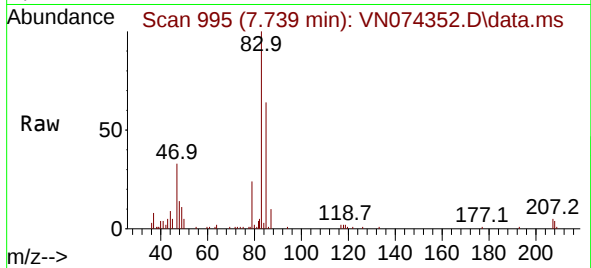
#25
Chloroform
Concen: 5.860 ug/l
RT: 7.739 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 5764
Ion Ratio Lower Upper
83 100
85 63.5 51.3 76.9

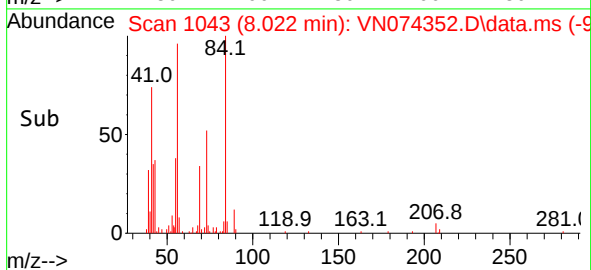
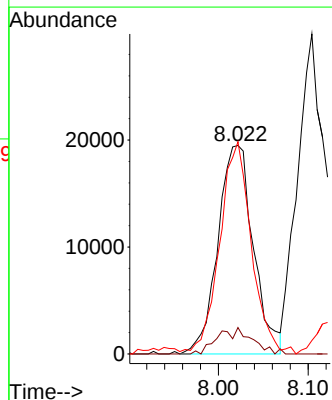
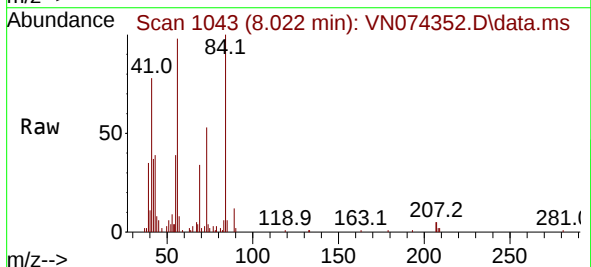
Manual Integrations
APPROVED

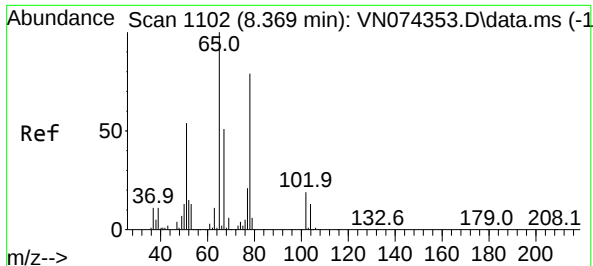
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#26
Cyclohexane
Concen: 6.308 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

Tgt Ion: 56 Resp: 53546
Ion Ratio Lower Upper
56 100
89 5.9 0.1 0.1#
84 87.7 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 35.919 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN074352.D

Acq: 08 Sep 2022 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 22354

Ion Ratio Lower Upper

65 100

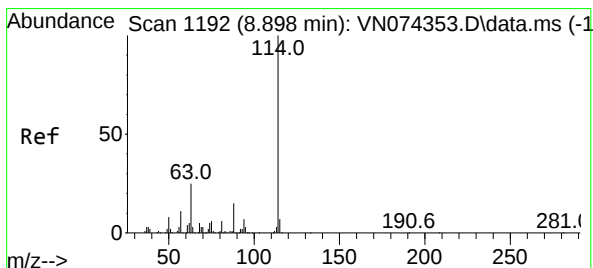
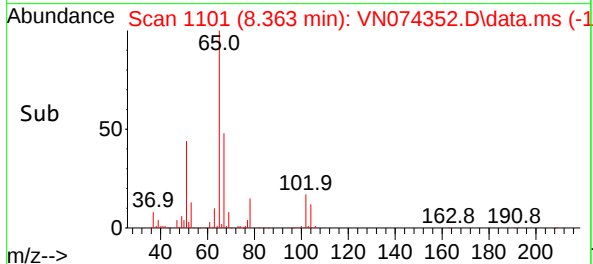
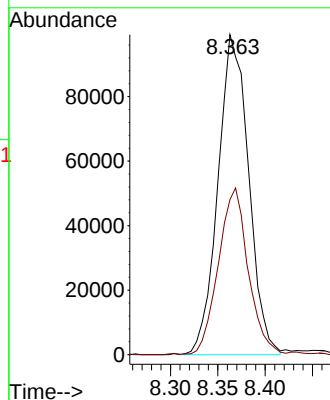
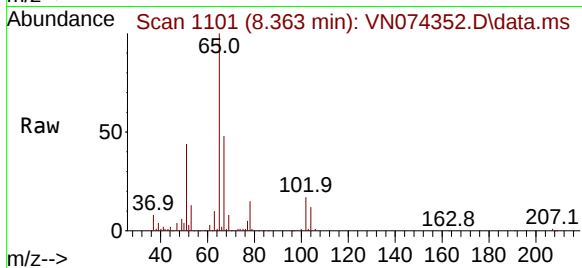
67 50.6 40.2 60.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VN074352.D

Acq: 08 Sep 2022 12:23

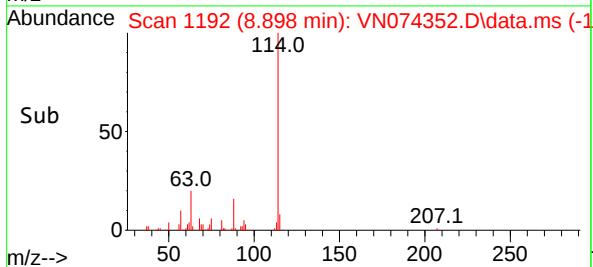
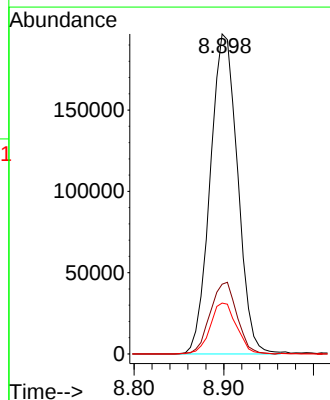
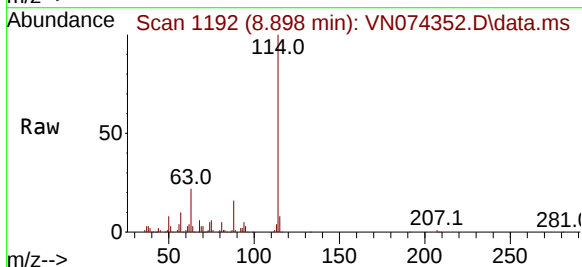
Tgt Ion:114 Resp: 417666

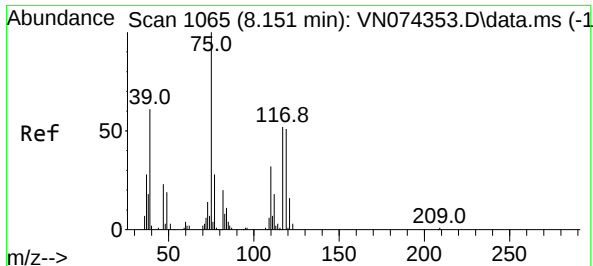
Ion Ratio Lower Upper

114 100

63 21.9 15.8 23.6

88 15.3 11.6 17.4





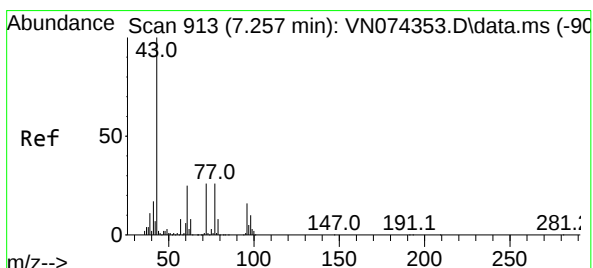
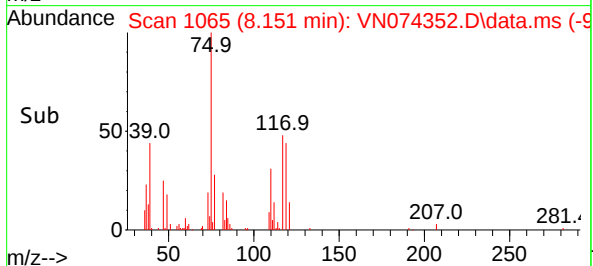
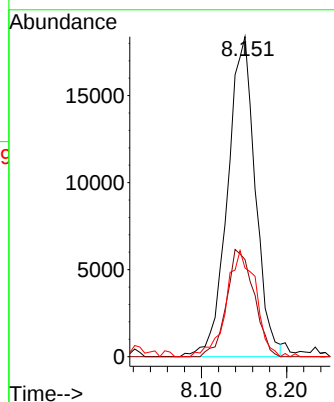
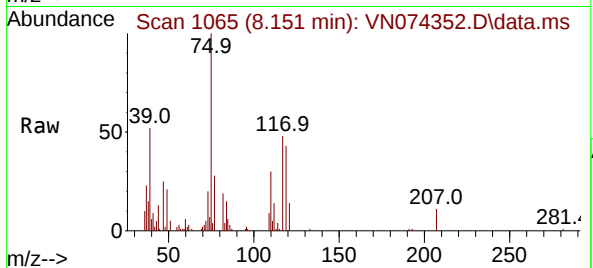
#29
1,1-Dichloropropene
Concen: 5.238 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 41629
Ion Ratio Lower Upper
75 100
110 33.1 0.0 74.2
77 34.9 0.0 63.2

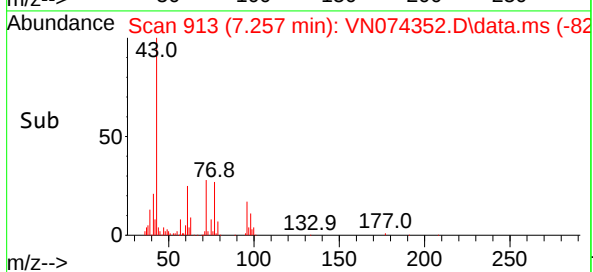
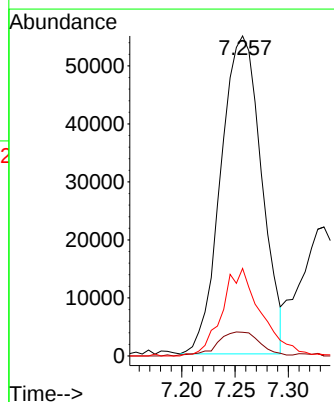
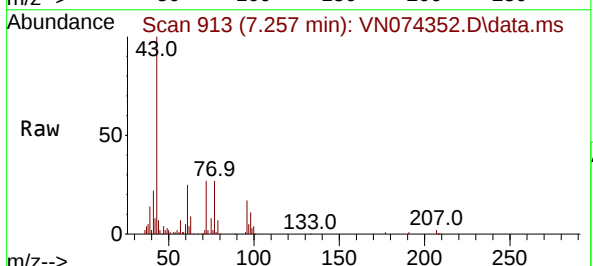
Manual Integrations
APPROVED

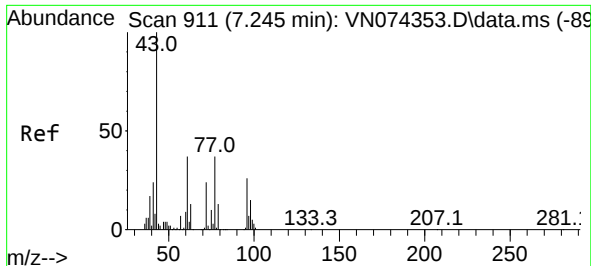
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#30
2-Butanone
Concen: 26.342 ug/l
RT: 7.257 min Scan# 913
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

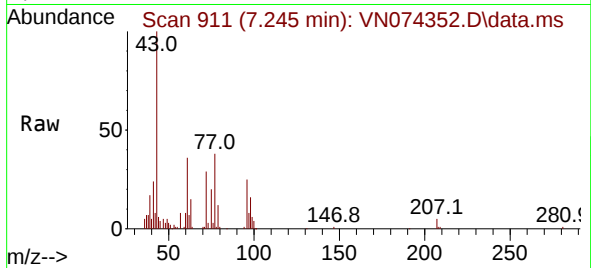
Tgt Ion: 43 Resp: 145681
Ion Ratio Lower Upper
43 100
57 7.9 6.7 10.1
72 26.4 23.2 34.8





#31
2,2-Dichloropropane
Concen: 6.389 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

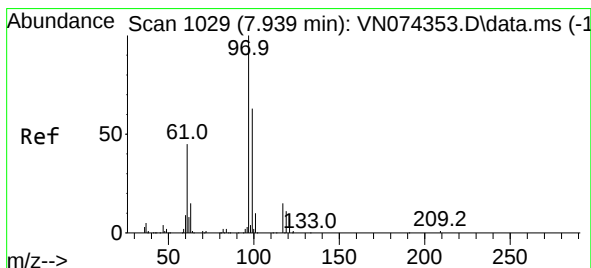
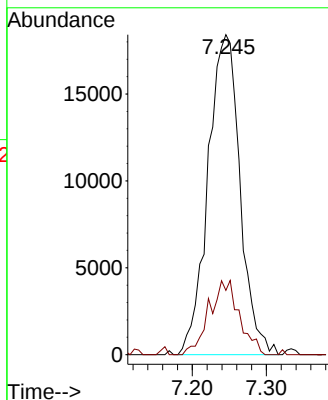
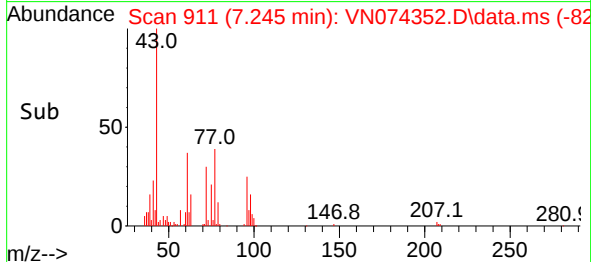
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



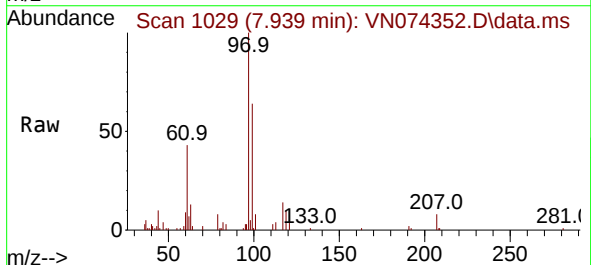
Tgt Ion: 77 Resp: 55358
Ion Ratio Lower Upper
77 100
97 15.9 18.3 27.5

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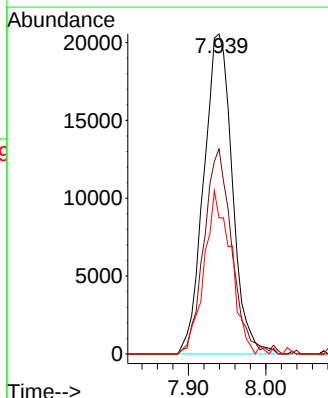
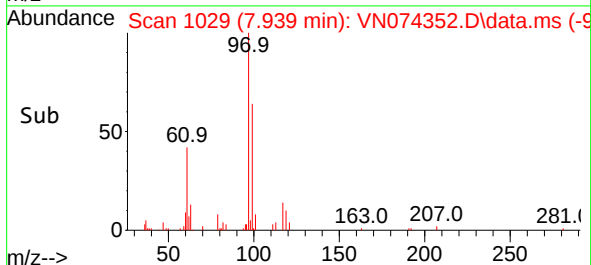
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

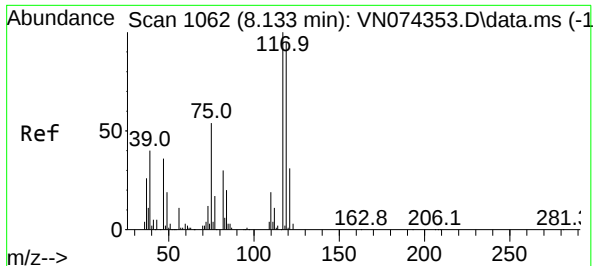


#32
1,1,1-Trichloroethane
Concen: 5.687 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23



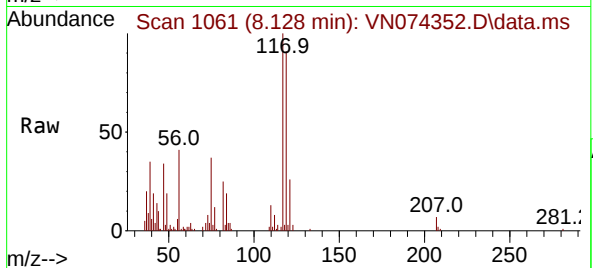
Tgt Ion: 97 Resp: 52674
Ion Ratio Lower Upper
97 100
99 61.9 50.4 75.6
61 47.6 34.6 51.8





#33
Carbon Tetrachloride
Concen: 5.931 ug/l
RT: 8.128 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

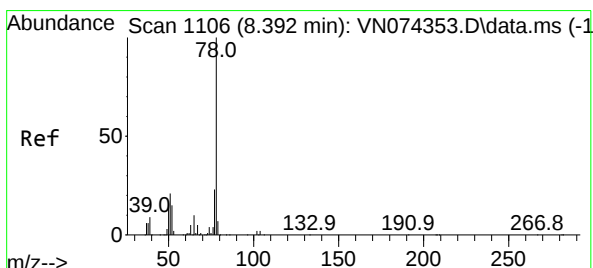
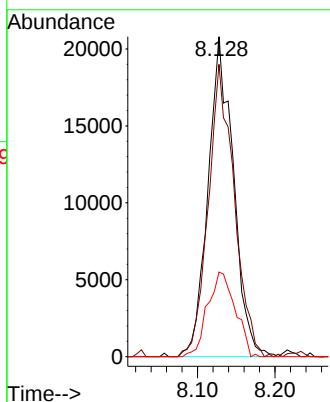
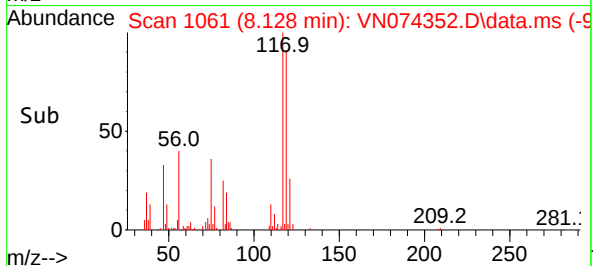
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



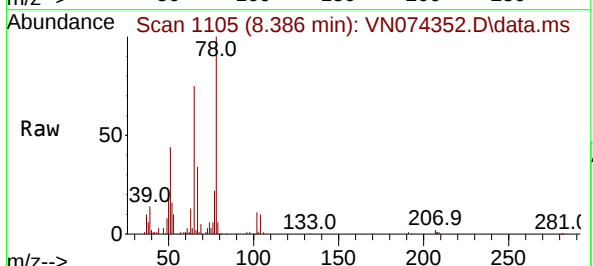
Tgt Ion: 117 Resp: 4723
Ion Ratio Lower Upper
117 100
119 91.3 77.5 116.3
121 26.4 23.5 35.3

Manual Integrations
APPROVED

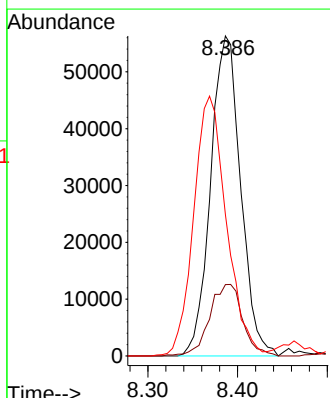
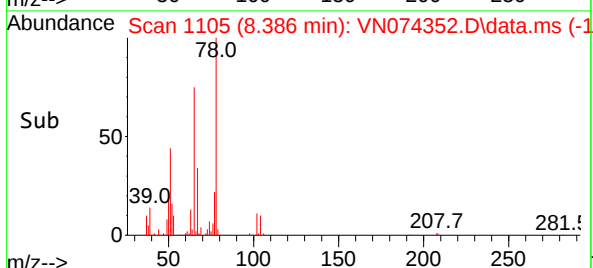
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

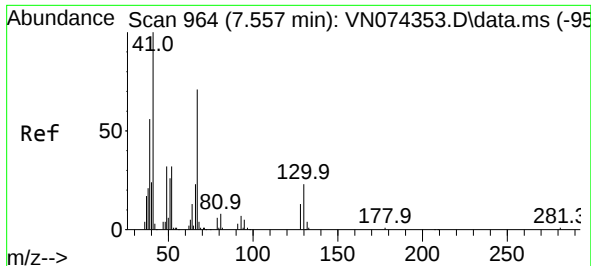


#34
Benzene
Concen: 5.157 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23



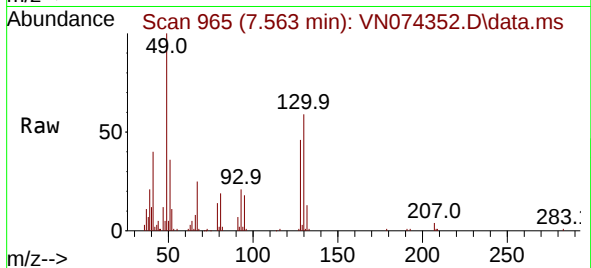
Tgt Ion: 78 Resp: 130778
Ion Ratio Lower Upper
78 100
77 21.7 19.1 28.7
51 41.5 16.0 24.0#





#35
Methacrylonitrile
Concen: 6.247 ug/l
RT: 7.563 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

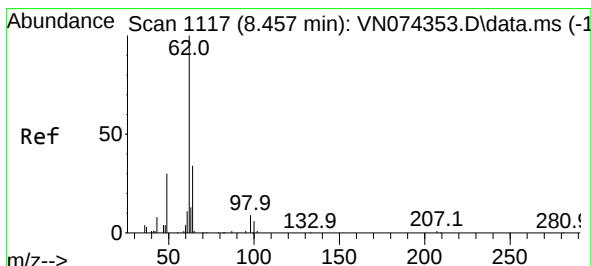
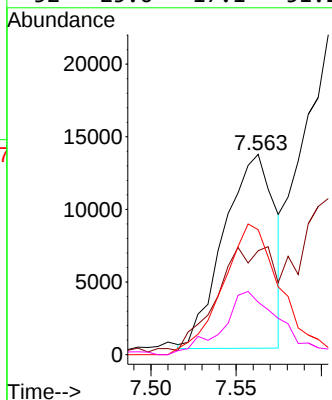
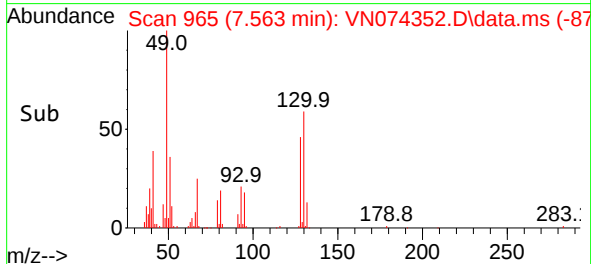
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC005



Tgt Ion: 41 Resp: 2775
Ion Ratio Lower Upper
41 100
39 52.5 28.0 83.9
67 62.5 37.7 113.1
52 25.6 17.1 51.2

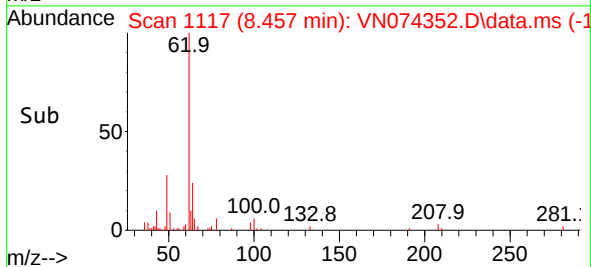
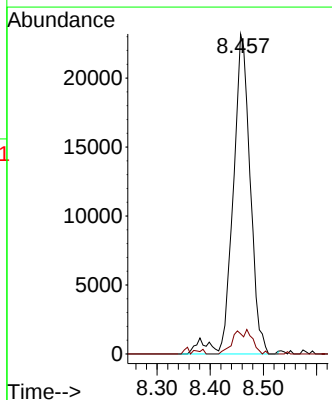
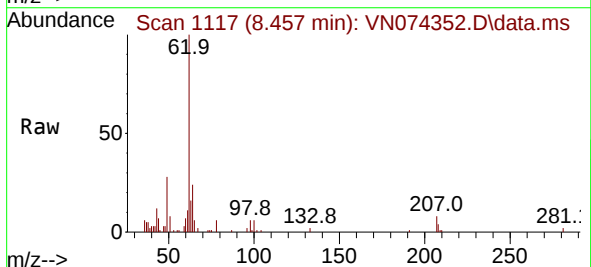
Manual Integrations
APPROVED

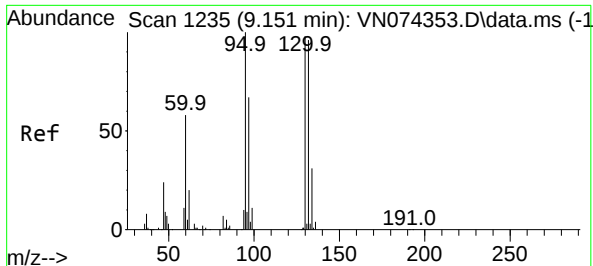
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#36
1,2-Dichloroethane
Concen: 6.118 ug/l m
RT: 8.457 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

Tgt Ion: 62 Resp: 52134
Ion Ratio Lower Upper
62 100
98 0.2 6.6 10.0#





#37

Trichloroethene

Concen: 4.853 ug/l

RT: 9.151 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VN074352.D

Acq: 08 Sep 2022 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:130 Resp: 2997

Ion Ratio Lower Upper

130 100

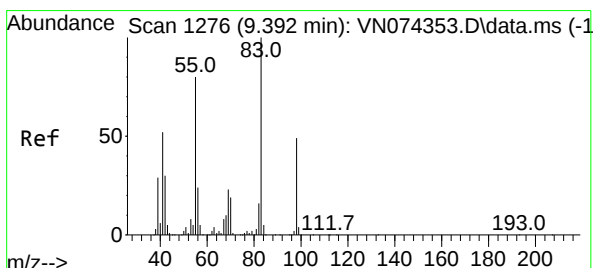
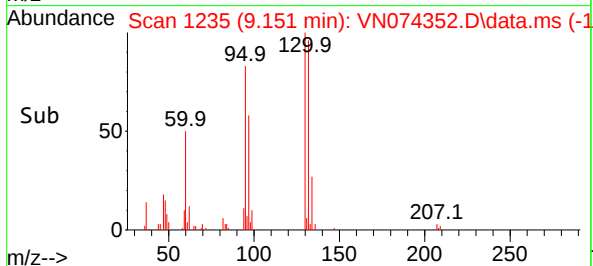
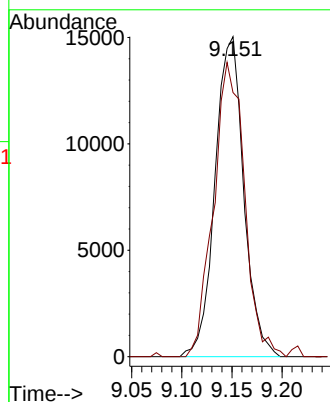
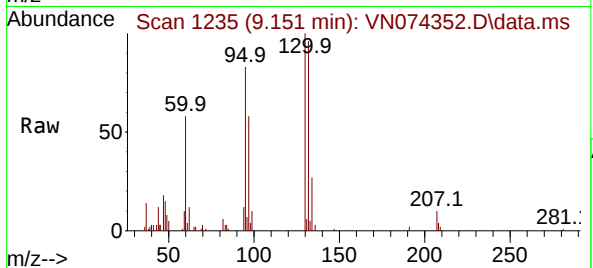
95 82.5 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#38

Methylcyclohexane

Concen: 5.564 ug/l

RT: 9.392 min Scan# 1276

Delta R.T. -0.000 min

Lab File: VN074352.D

Acq: 08 Sep 2022 12:23

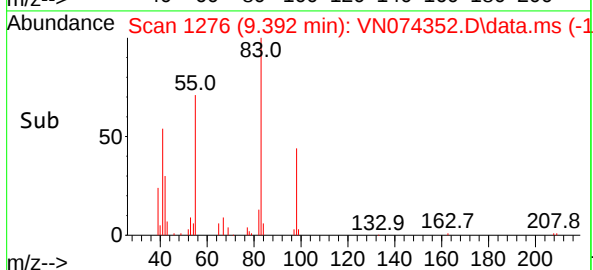
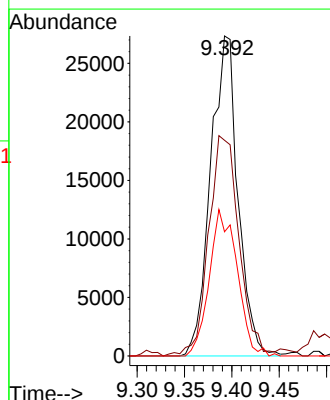
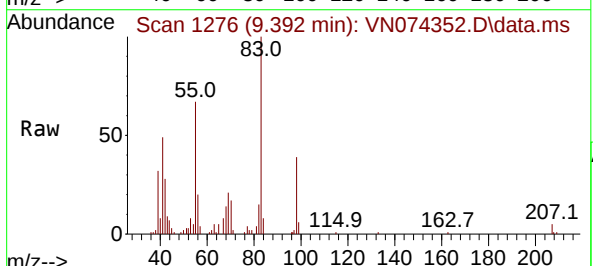
Tgt Ion: 83 Resp: 55045

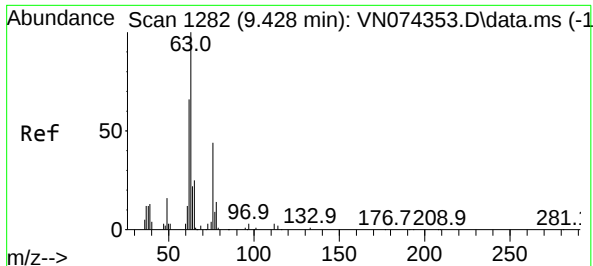
Ion Ratio Lower Upper

83 100

55 73.4 35.1 105.3

98 46.0 23.4 70.2





#39

1,2-Dichloropropane

Concen: 5.395 ug/l

RT: 9.422 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VN074352.D

Acq: 08 Sep 2022 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 34684

Ion Ratio Lower Upper

63 100

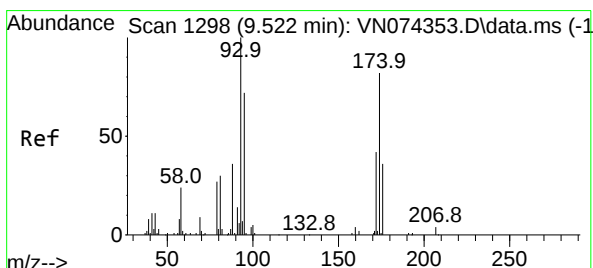
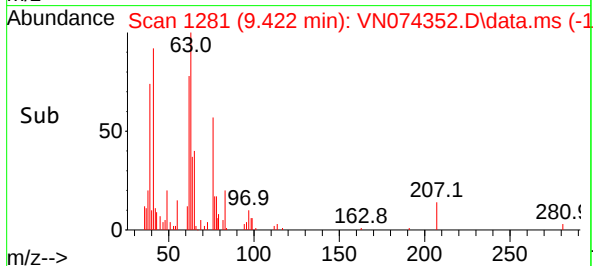
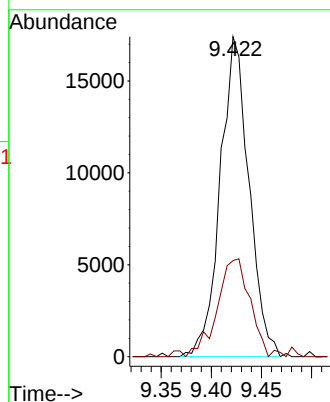
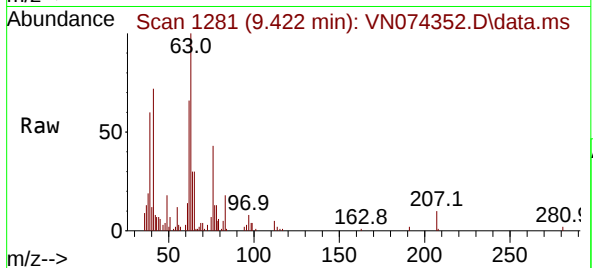
65 28.6 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#40

Dibromomethane

Concen: 5.452 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. -0.006 min

Lab File: VN074352.D

Acq: 08 Sep 2022 12:23

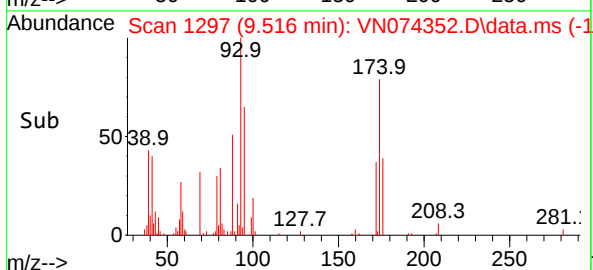
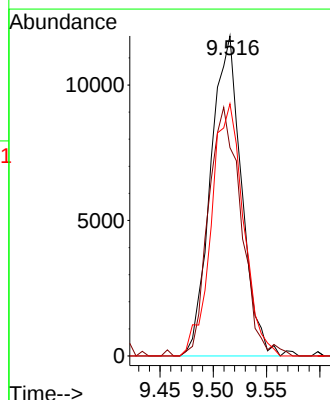
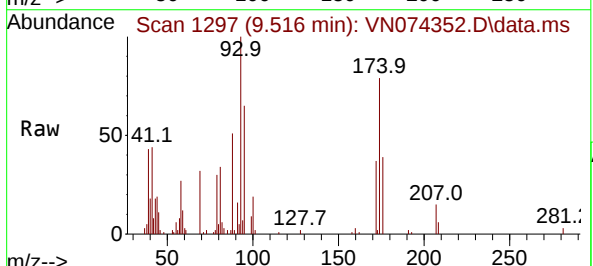
Tgt Ion: 93 Resp: 23793

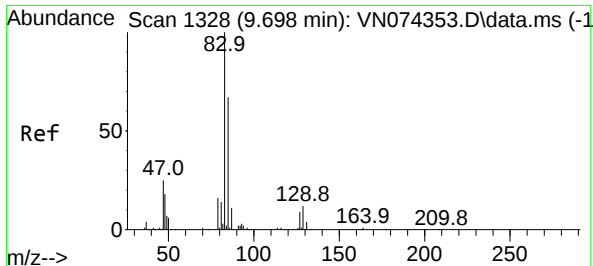
Ion Ratio Lower Upper

93 100

95 81.3 0.0 168.8

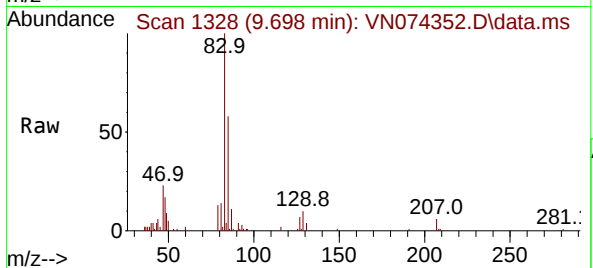
174 82.0 0.0 173.6





#41
Bromodichloromethane
Concen: 5.325 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

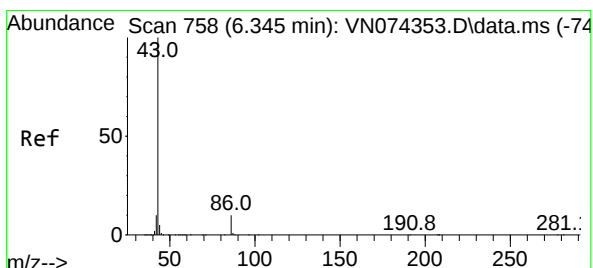
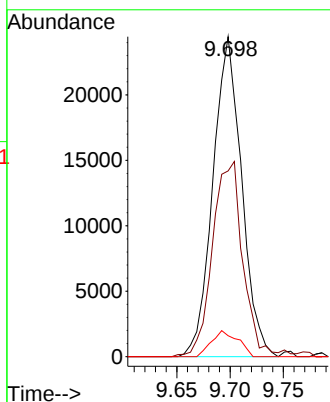
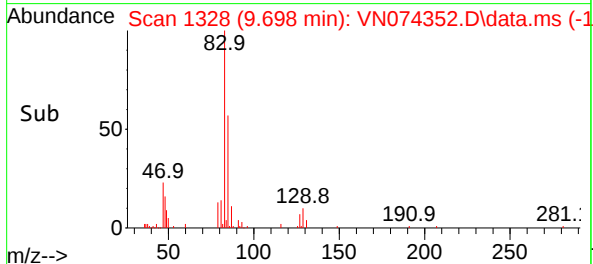
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



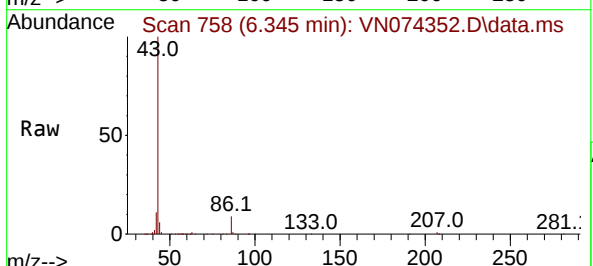
Tgt Ion: 83 Resp: 45870
Ion Ratio Lower Upper
83 100
85 57.4 54.1 81.1
127 7.2 7.6 11.4

Manual Integrations
APPROVED

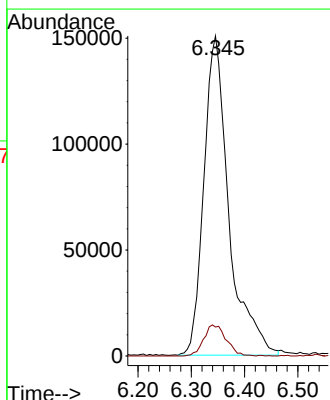
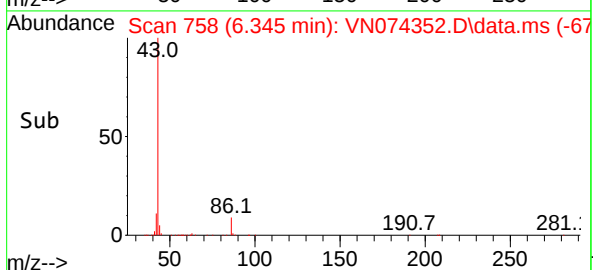
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

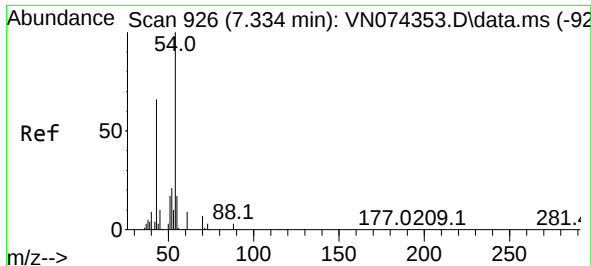


#42
Vinyl Acetate
Concen: 29.938 ug/l
RT: 6.345 min Scan# 758
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23



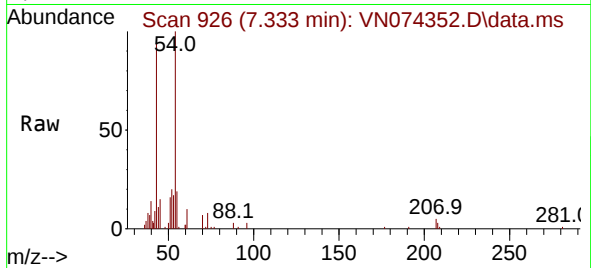
Tgt Ion: 43 Resp: 491177
Ion Ratio Lower Upper
43 100
86 8.7 7.5 11.3





#43
Ethyl Acetate
Concen: 5.043 ug/l
RT: 7.333 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

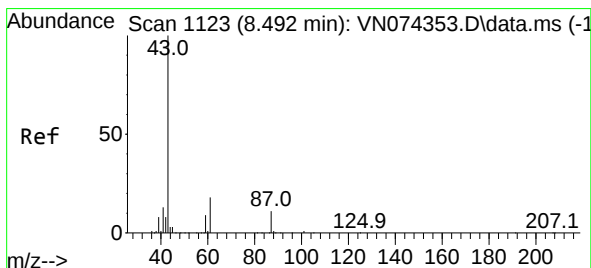
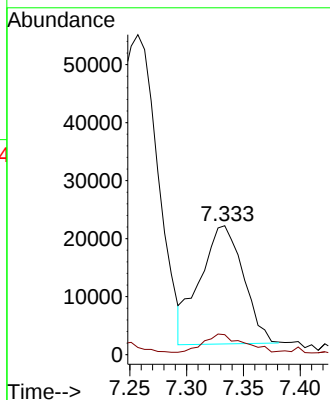
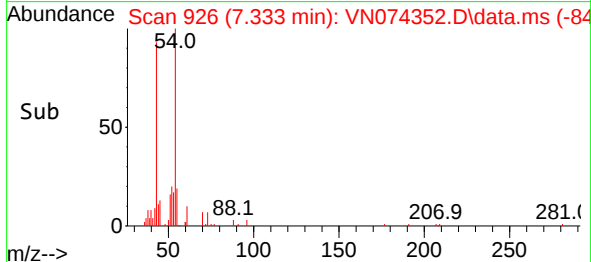
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



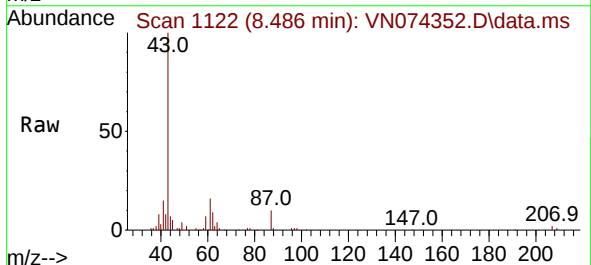
Tgt Ion: 43 Resp: 5431
Ion Ratio Lower Upper
43 100
45 13.7 10.6 16.0

Manual Integrations
APPROVED

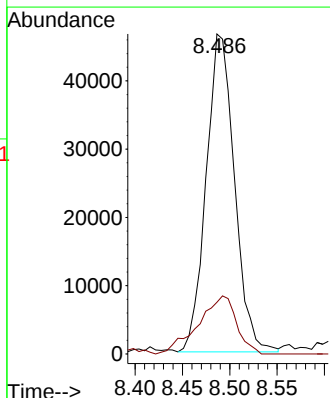
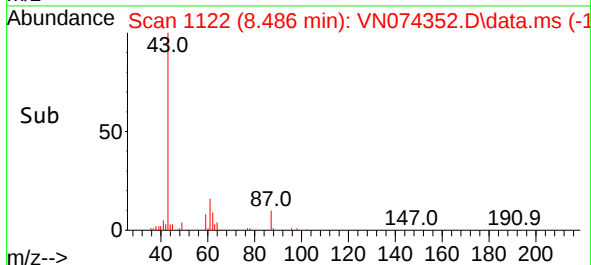
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

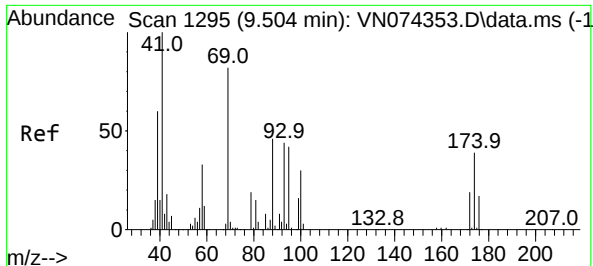


#44
Isopropyl Acetate
Concen: 6.386 ug/l
RT: 8.486 min Scan# 1122
Delta R.T. -0.006 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23



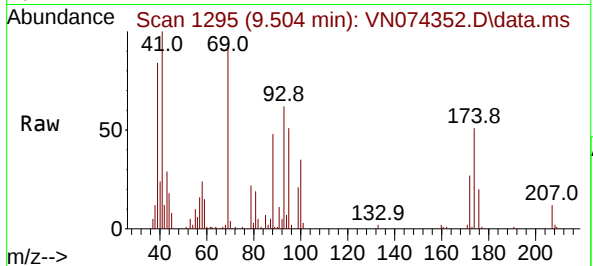
Tgt Ion: 43 Resp: 96993
Ion Ratio Lower Upper
43 100
61 24.6 20.1 30.1





#45
1,4-Dioxane
Concen: 90.817 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

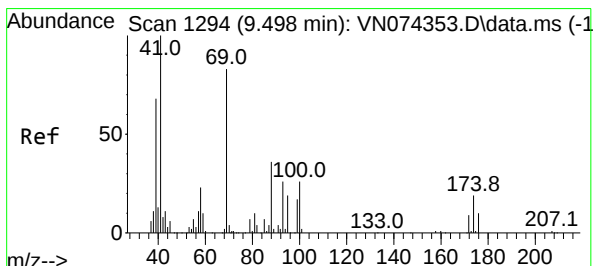
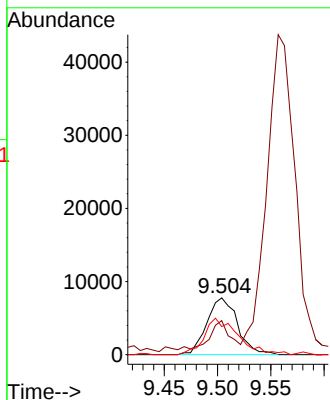
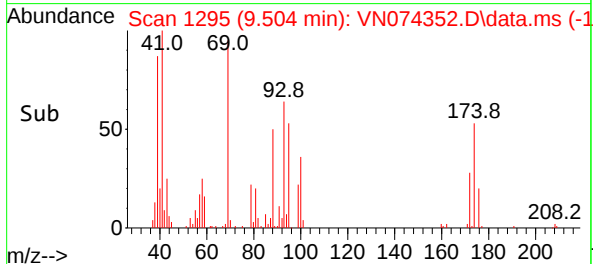
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 88 Resp: 1555
Ion Ratio Lower Upper
88 100
43 29.7 25.0 37.6
58 68.7 49.4 74.2

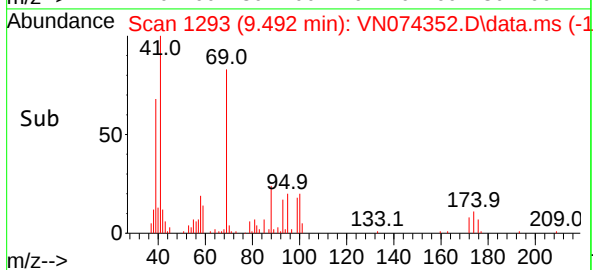
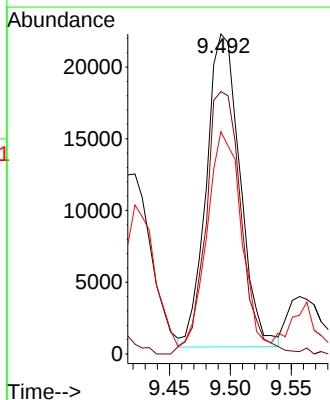
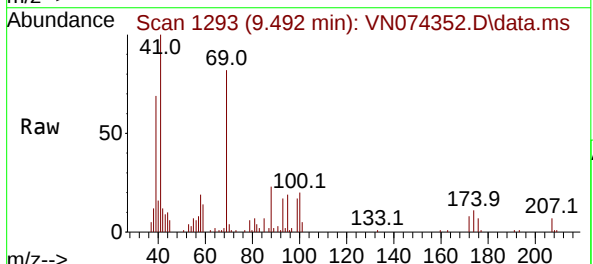
Manual Integrations
APPROVED

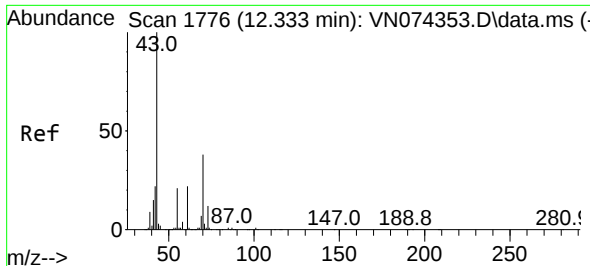
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#46
Methyl methacrylate
Concen: 6.248 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

Tgt Ion: 41 Resp: 42005
Ion Ratio Lower Upper
41 100
69 83.9 44.4 133.2
39 70.5 39.9 119.6





#47

n-amy1 Acetate

Concen: 6.337 ug/l

RT: 12.327 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN074352.D

Acq: 08 Sep 2022 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 7985

Ion Ratio Lower Upper

43 100

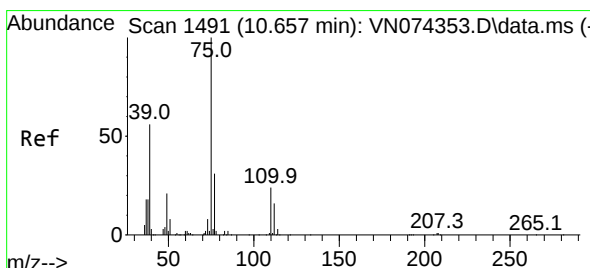
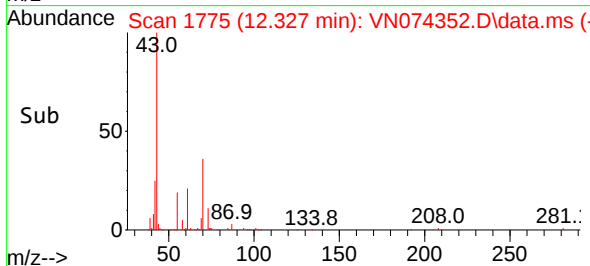
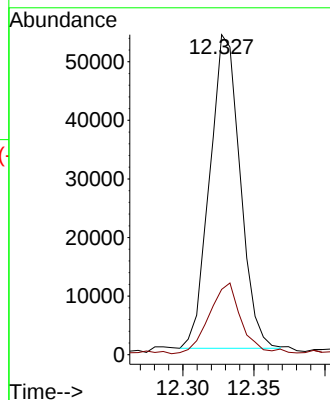
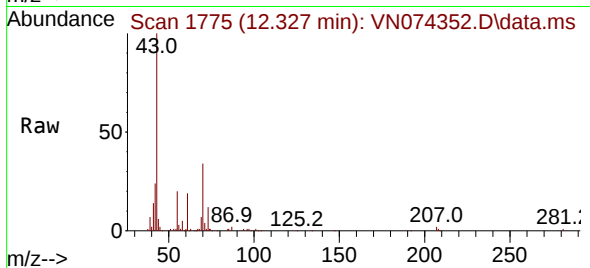
55 23.4 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#48

t-1,3-Dichloropropene

Concen: 5.677 ug/l m

RT: 10.663 min Scan# 1492

Delta R.T. 0.006 min

Lab File: VN074352.D

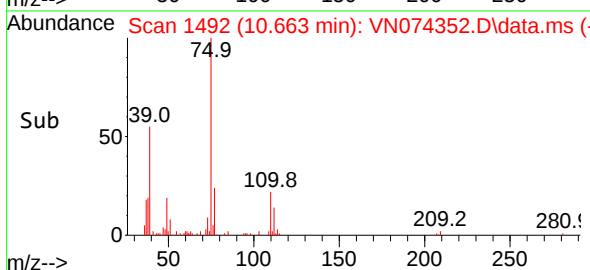
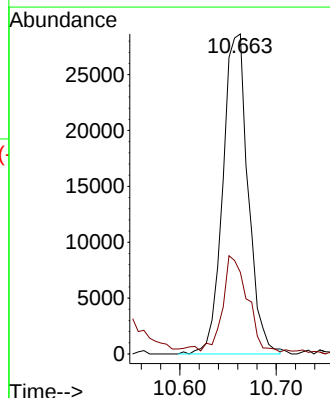
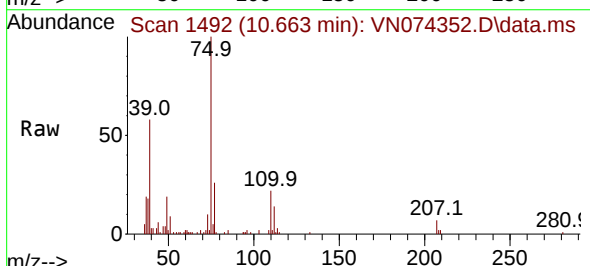
Acq: 08 Sep 2022 12:23

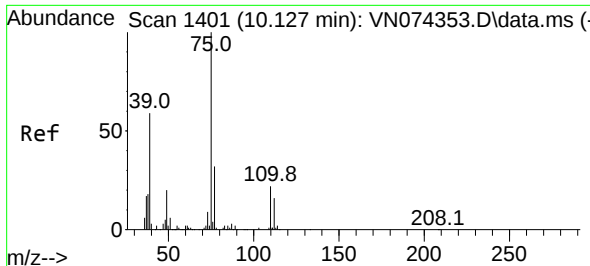
Tgt Ion: 75 Resp: 52151

Ion Ratio Lower Upper

75 100

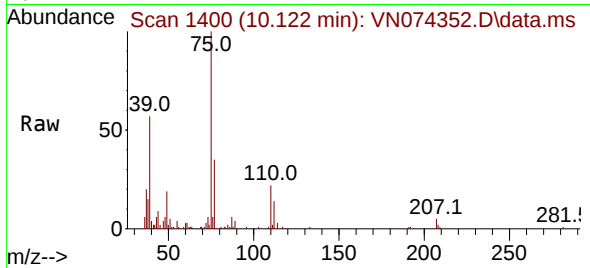
77 25.5 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 5.354 ug/l
RT: 10.122 min Scan# 1401
Delta R.T. -0.006 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

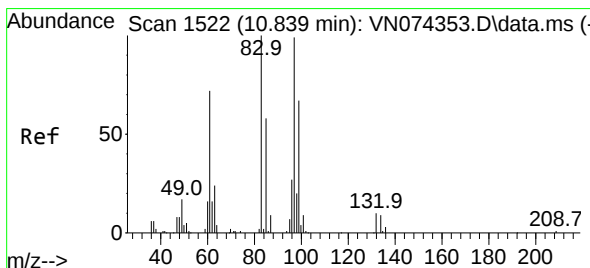
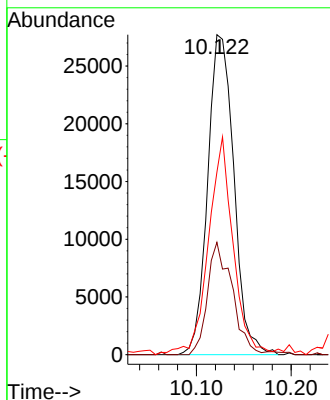
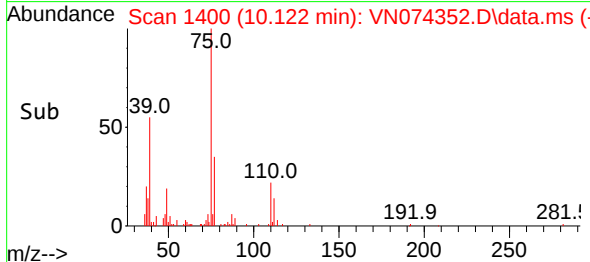
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 53292
Ion Ratio Lower Upper
75 100
77 35.1 25.3 37.9
39 55.3 46.2 69.4

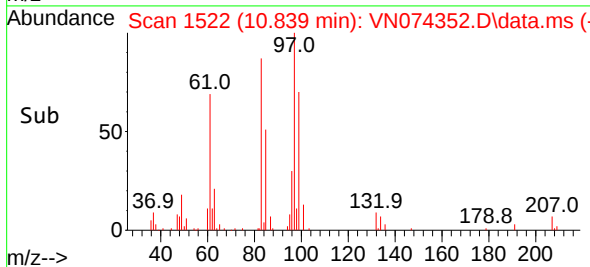
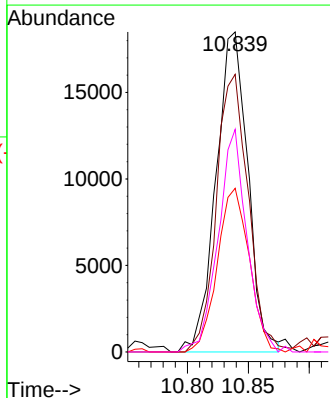
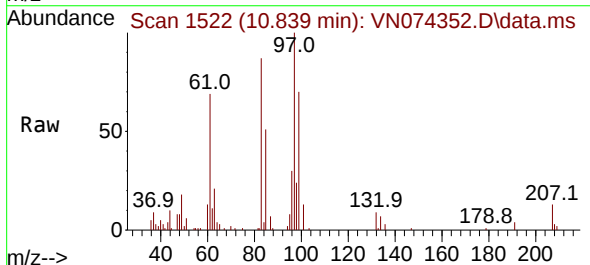
Manual Integrations
APPROVED

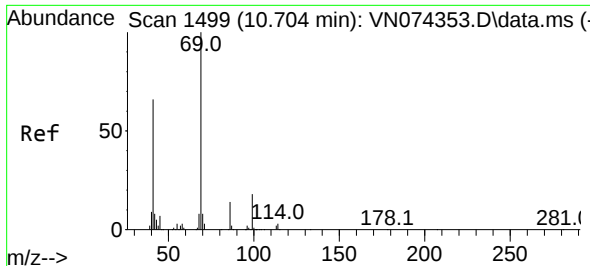
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#50
1,1,2-Trichloroethane
Concen: 5.194 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

Tgt Ion: 97 Resp: 33688
Ion Ratio Lower Upper
97 100
83 86.8 67.2 100.8
85 51.2 43.0 64.4
99 69.6 49.0 73.4





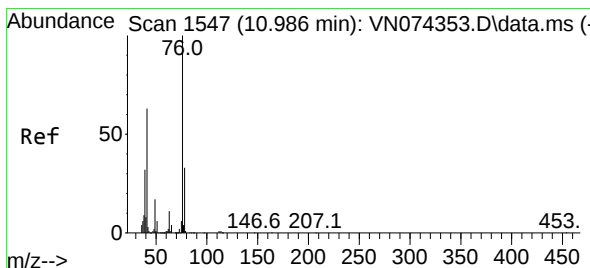
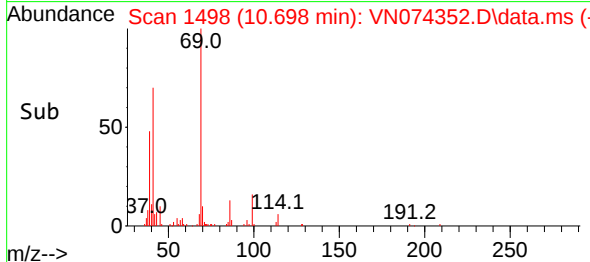
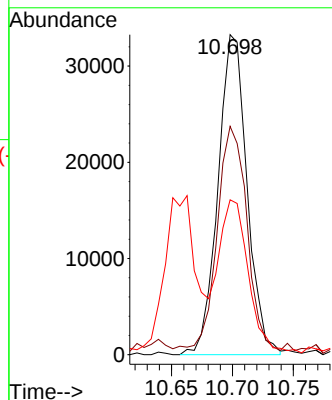
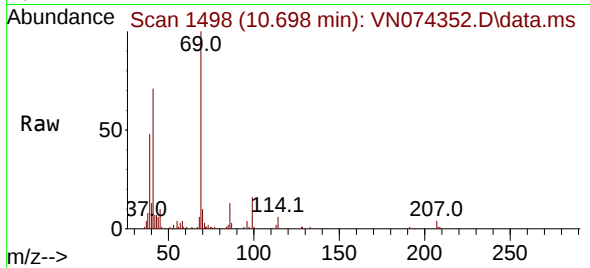
#51
Ethyl methacrylate
Concen: 5.403 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. -0.006 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 69 Resp: 5519
Ion Ratio Lower Upper
69 100
41 70.5 33.0 98.9
39 46.7 25.4 76.4

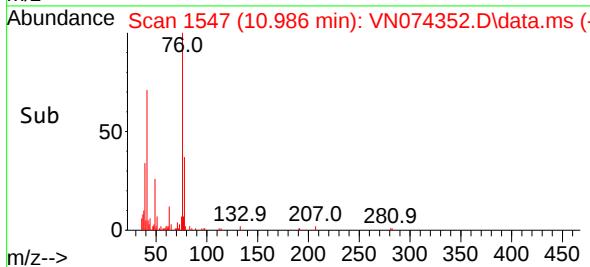
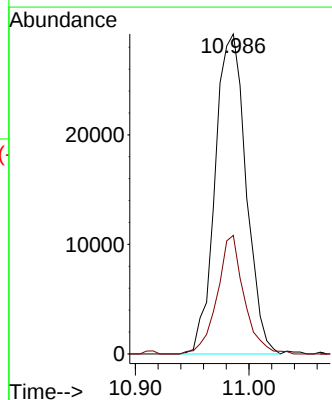
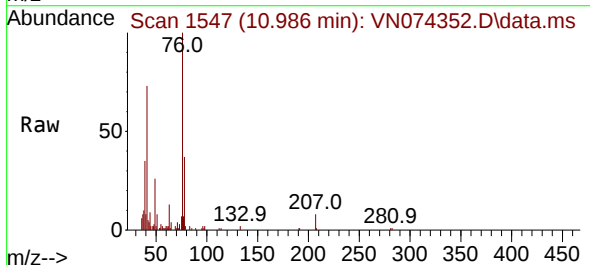
Manual Integrations
APPROVED

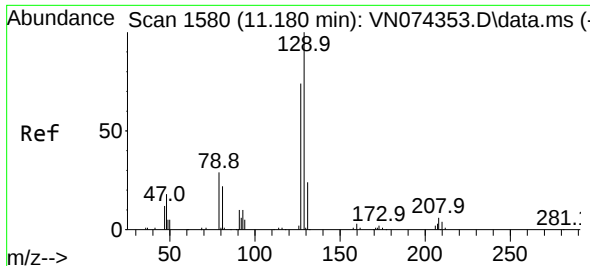
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#52
1,3-Dichloropropane
Concen: 4.991 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

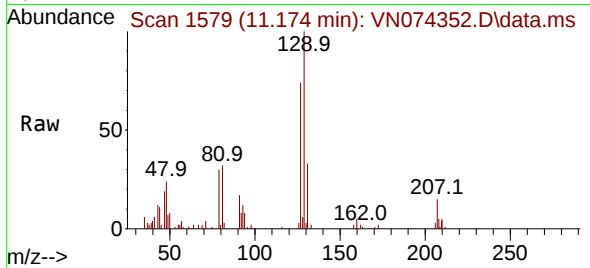
Tgt Ion: 76 Resp: 55284
Ion Ratio Lower Upper
76 100
78 32.1 0.0 65.4





#53
Dibromochloromethane
Concen: 4.578 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. -0.006 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

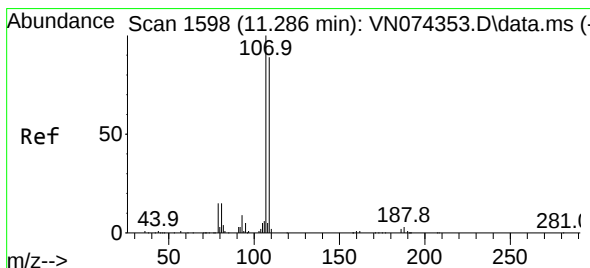
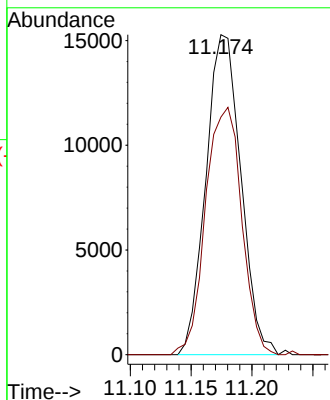
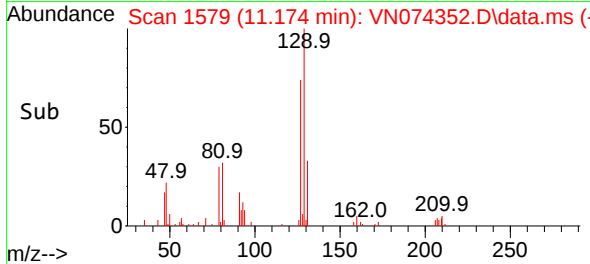
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



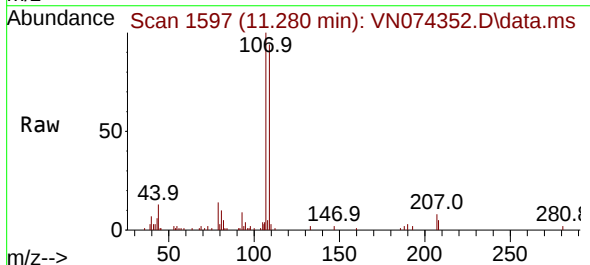
Tgt Ion:129 Resp: 30599
Ion Ratio Lower Upper
129 100
127 79.6 39.0 117.0

Manual Integrations
APPROVED

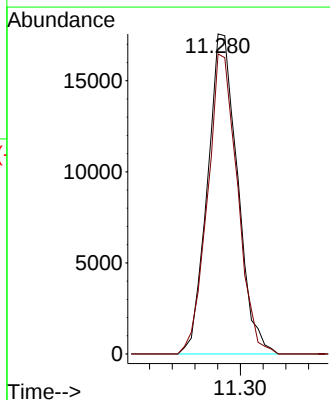
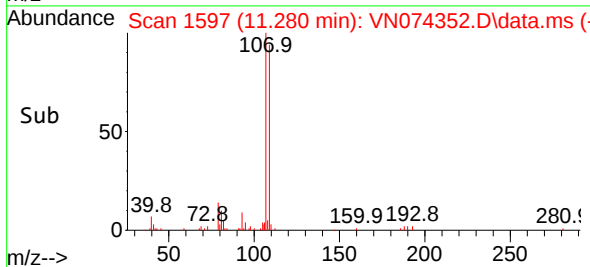
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

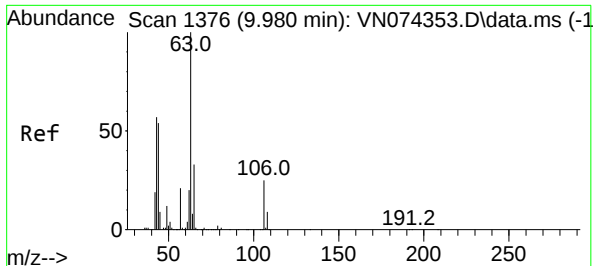


#54
1,2-Dibromoethane
Concen: 4.840 ug/l
RT: 11.280 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23



Tgt Ion:107 Resp: 32299
Ion Ratio Lower Upper
107 100
109 93.3 72.8 109.2





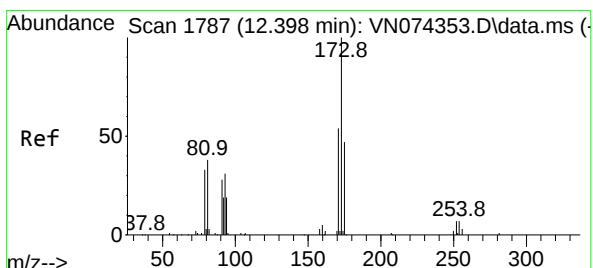
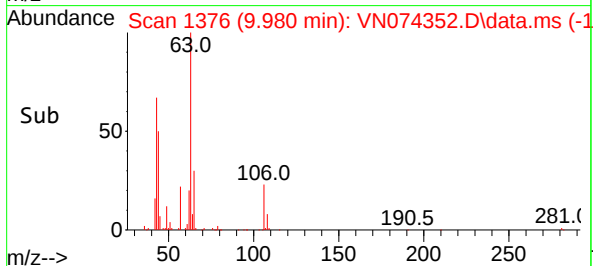
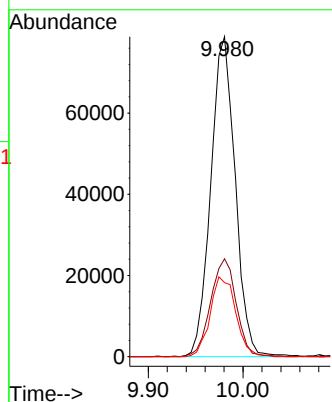
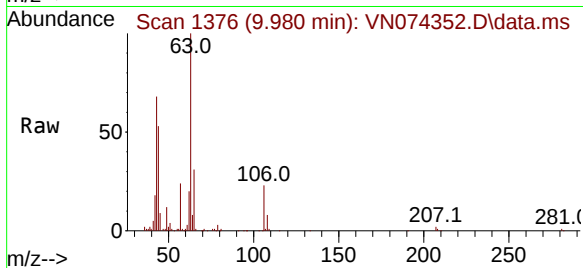
#55
2-Chloroethyl vinyl ether
Concen: 30.608 ug/l
RT: 9.980 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 140944
Ion Ratio Lower Upper
63 100
65 32.1 25.4 38.0
106 26.2 23.2 34.8

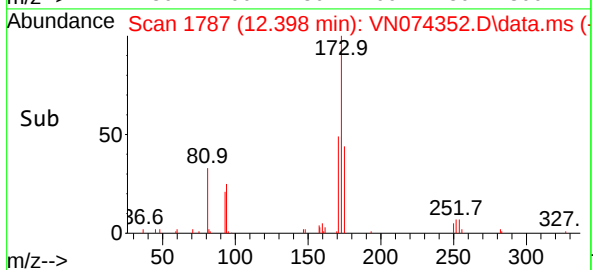
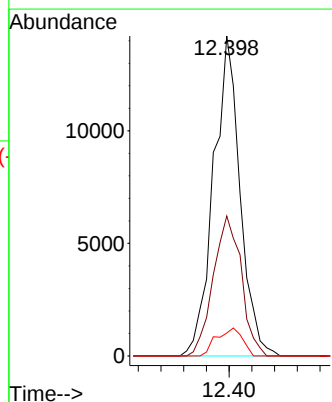
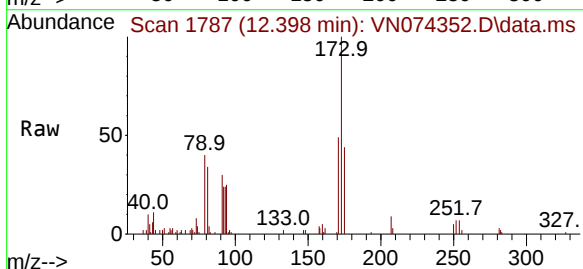
Manual Integrations
APPROVED

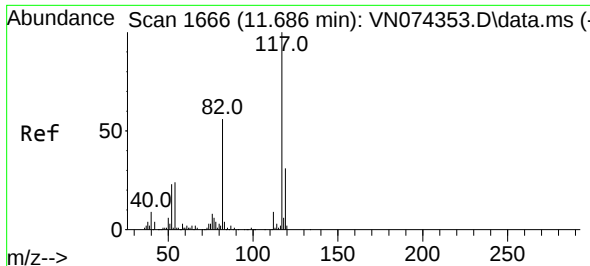
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#56
Bromoform
Concen: 4.429 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

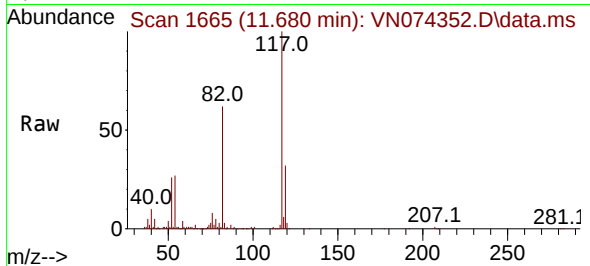
Tgt Ion:173 Resp: 23101
Ion Ratio Lower Upper
173 100
175 46.1 38.6 58.0
254 8.4 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

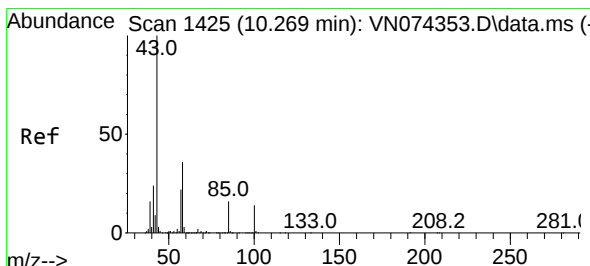
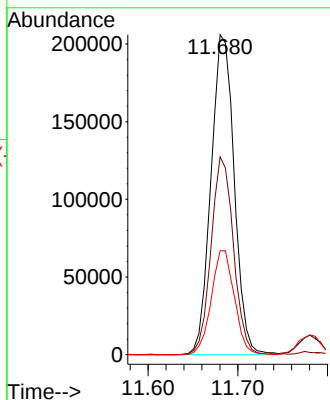
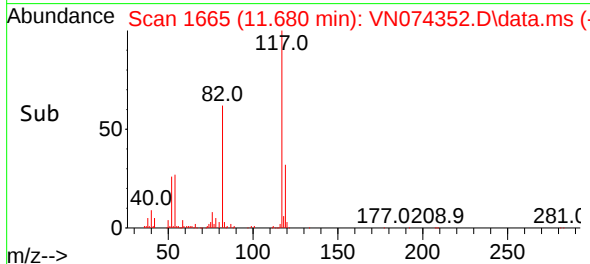
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 117 Resp: 370815
Ion Ratio Lower Upper
117 100
82 59.6 43.6 65.4
119 32.4 25.8 38.6

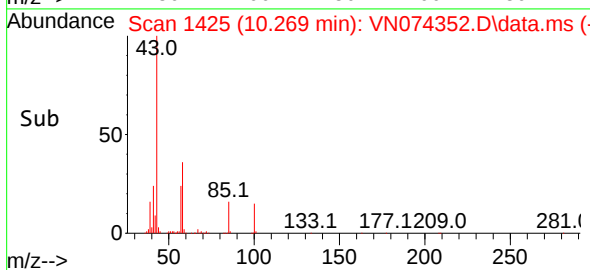
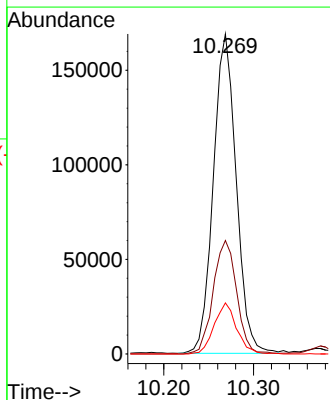
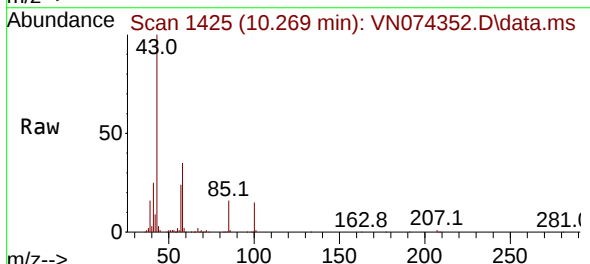
Manual Integrations
APPROVED

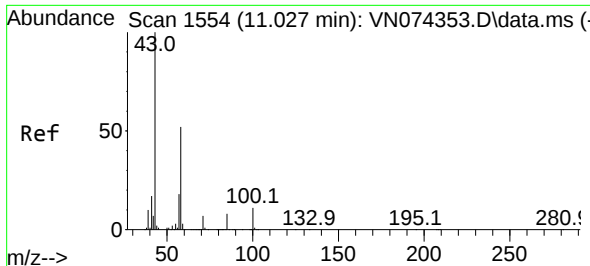
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#58
4-Methyl-2-Pentanone
Concen: 29.914 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

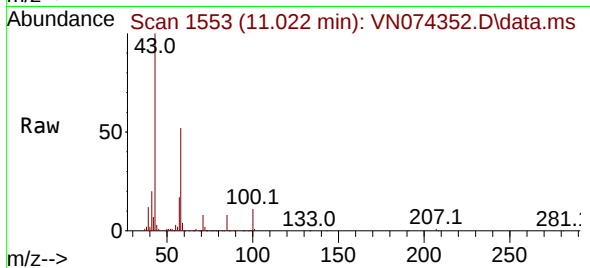
Tgt Ion: 43 Resp: 299327
Ion Ratio Lower Upper
43 100
58 36.2 30.0 45.0
85 15.6 15.0 22.6





#59
2-Hexanone
Concen: 30.043 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. -0.006 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

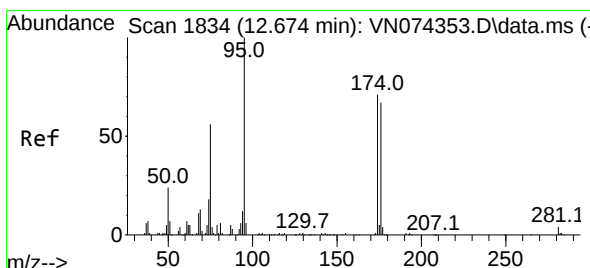
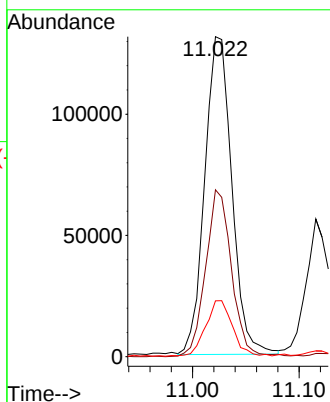
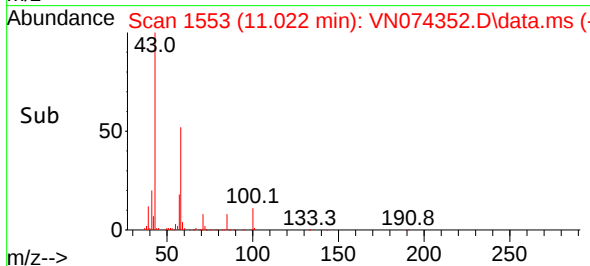
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



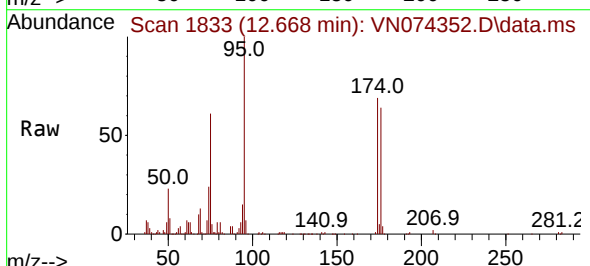
Tgt Ion: 43 Resp: 232254
Ion Ratio Lower Upper
43 100
58 50.0 42.2 63.2
57 17.6 15.0 22.4

Manual Integrations
APPROVED

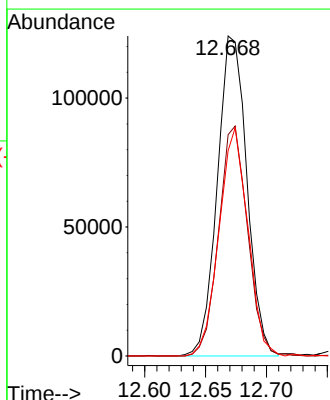
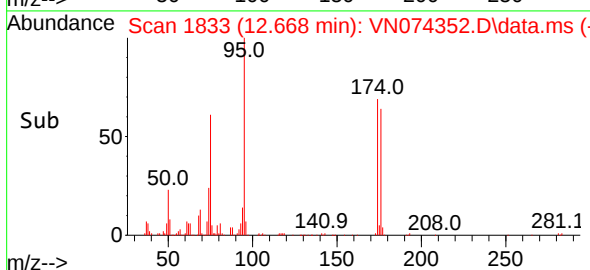
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

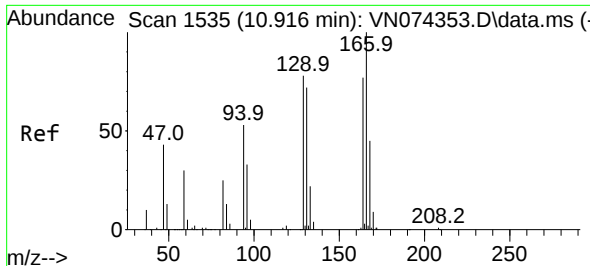


#60
4-Bromofluorobenzene
Concen: 31.107 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23



Tgt Ion: 95 Resp: 209811
Ion Ratio Lower Upper
95 100
174 70.2 62.9 94.3
176 69.3 61.0 91.4





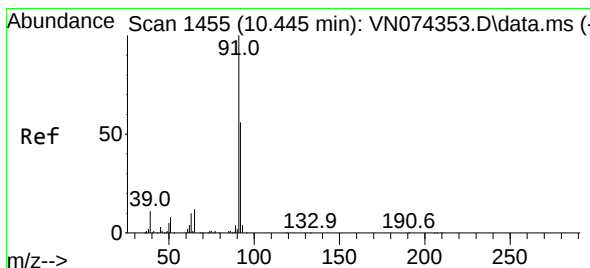
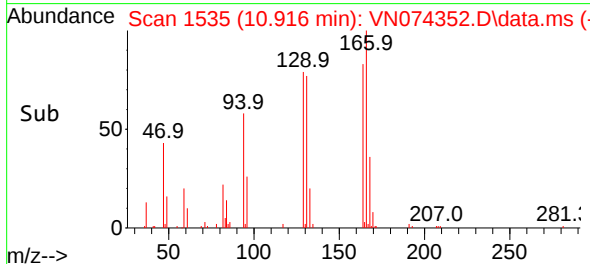
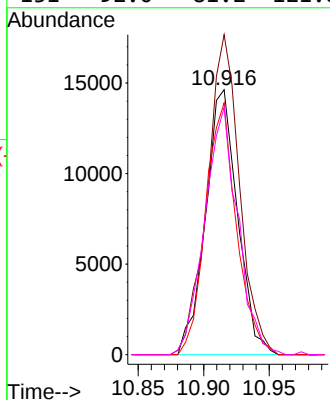
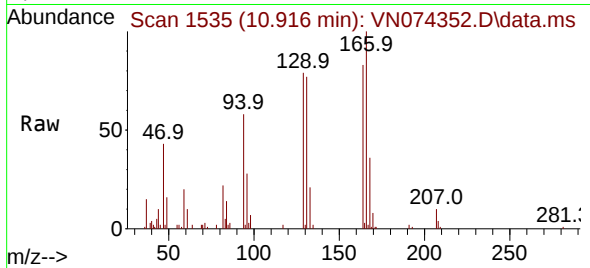
#61
Tetrachloroethene
Concen: 4.565 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:164 Resp: 2486
Ion Ratio Lower Upper
164 100
166 120.7 105.8 158.8
129 95.0 82.5 123.7
131 92.0 81.2 121.8

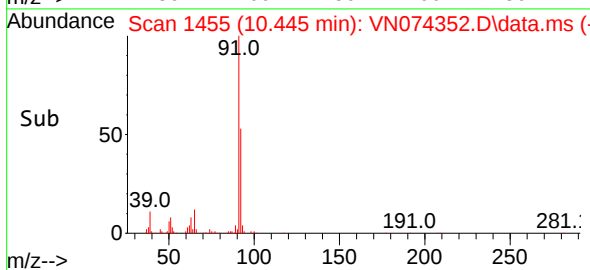
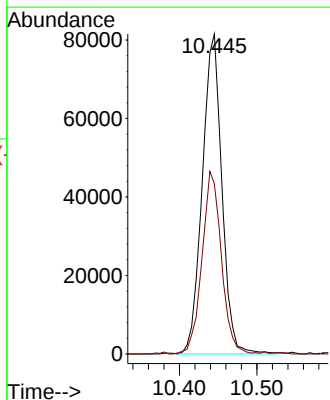
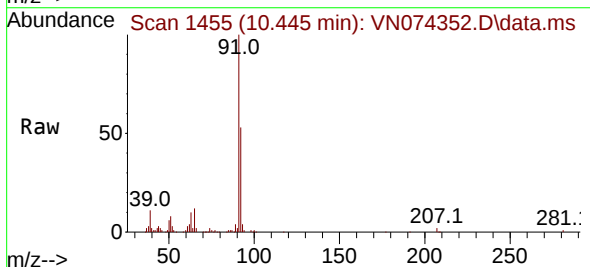
Manual Integrations
APPROVED

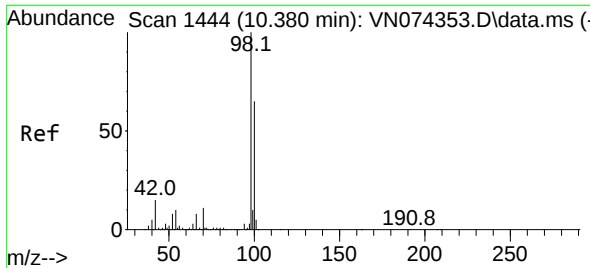
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#62
Toluene
Concen: 5.511 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

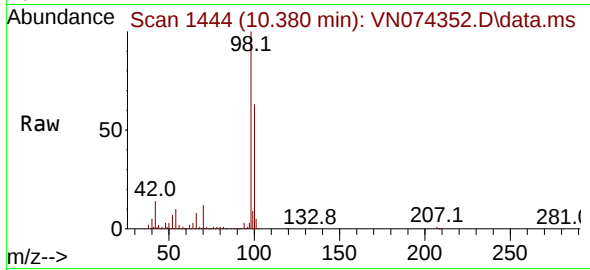
Tgt Ion: 91 Resp: 143296
Ion Ratio Lower Upper
91 100
92 56.5 44.6 67.0





#63
Toluene-d8
Concen: 31.030 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

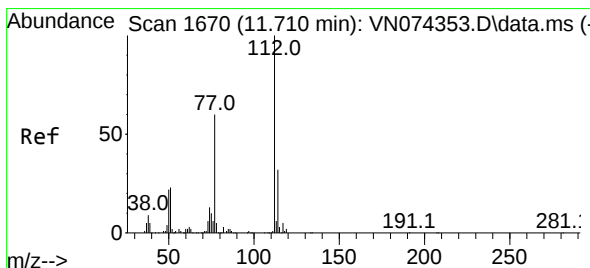
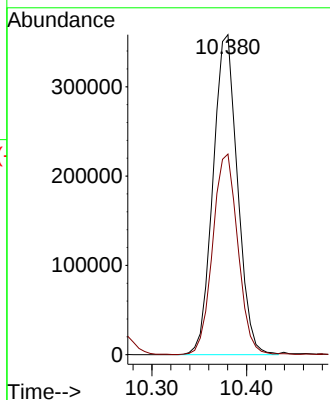
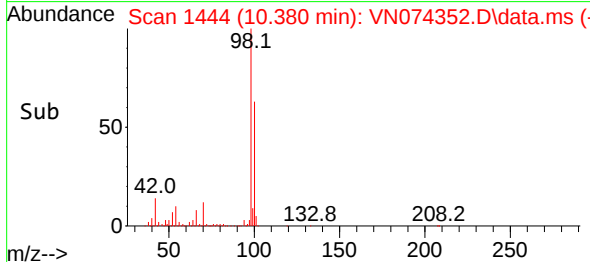
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



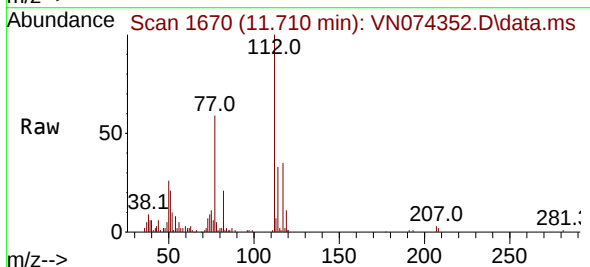
Tgt Ion: 98 Resp: 644708
Ion Ratio Lower Upper
98 100
100 64.4 50.6 76.0

Manual Integrations
APPROVED

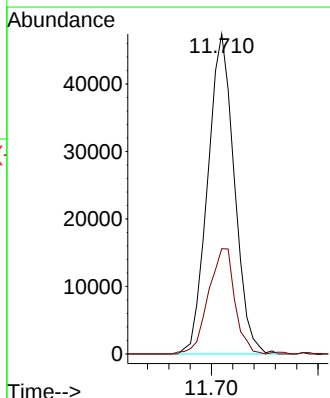
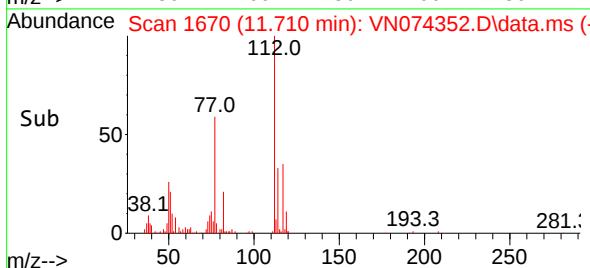
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

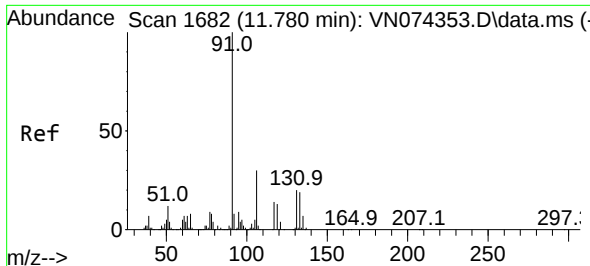


#64
Chlorobenzene
Concen: 5.280 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23



Tgt Ion:112 Resp: 82181
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6





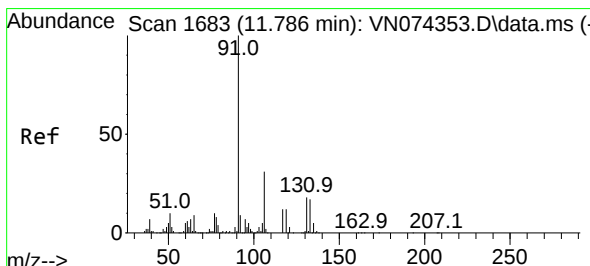
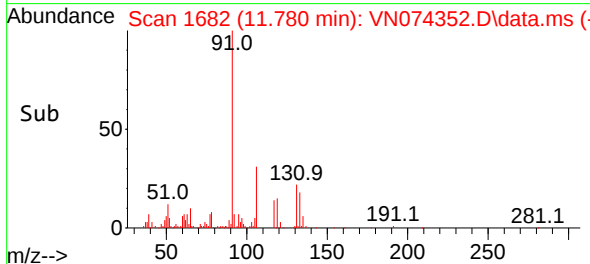
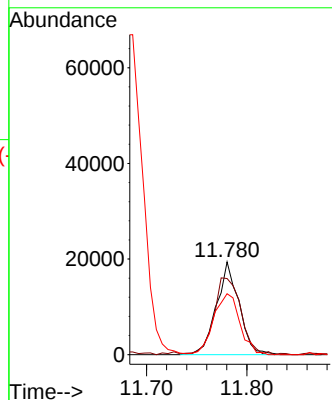
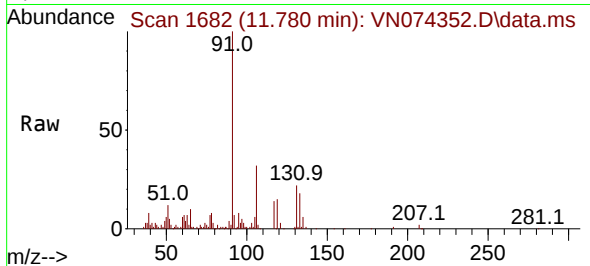
#65
1,1,1,2-Tetrachloroethane
Concen: 5.198 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:131 Resp: 3032
Ion Ratio Lower Upper
131 100
133 99.2 0.0 191.2
119 76.2 0.0 128.8

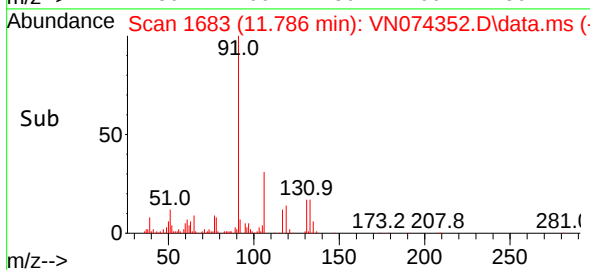
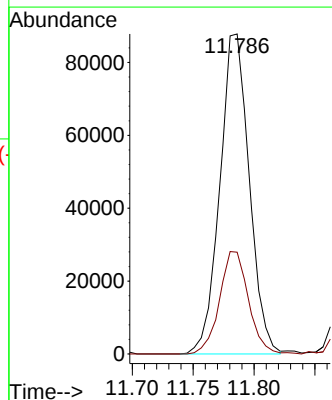
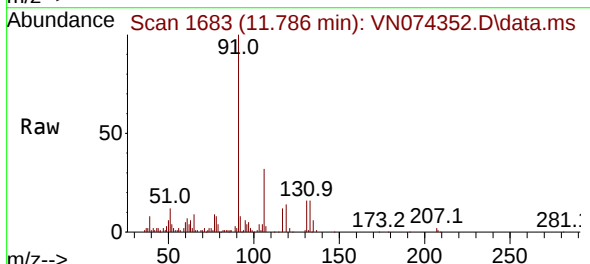
Manual Integrations
APPROVED

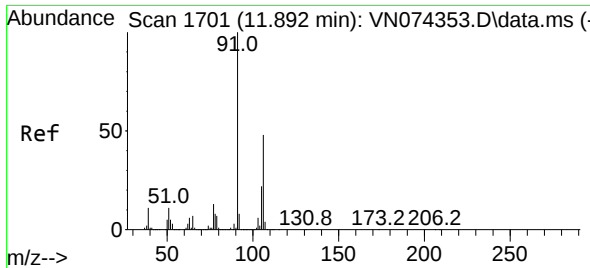
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#66
Ethyl Benzene
Concen: 5.233 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

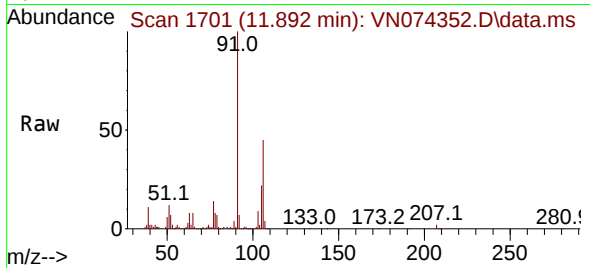
Tgt Ion: 91 Resp: 147586
Ion Ratio Lower Upper
91 100
106 31.8 24.0 36.0





#67
m/p-Xylenes
Concen: 9.974 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

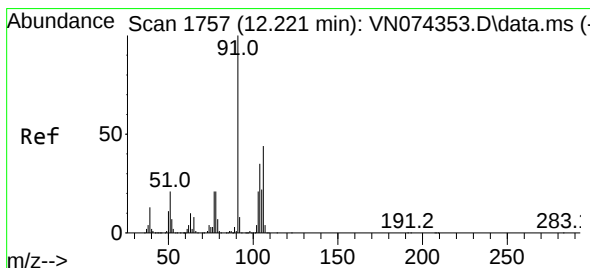
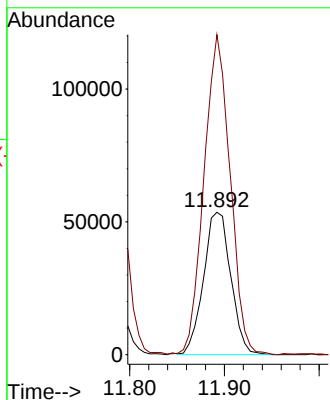
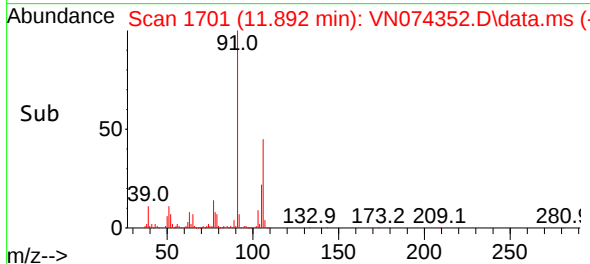
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



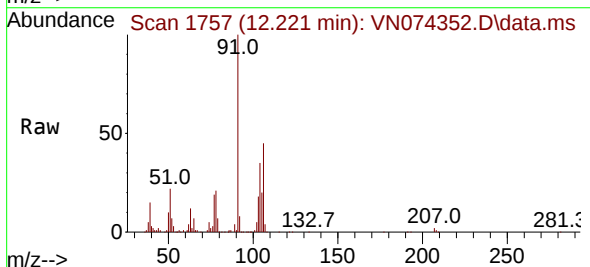
Tgt Ion:106 Resp: 107378
Ion Ratio Lower Upper
106 100
91 216.0 162.9 244.3

Manual Integrations
APPROVED

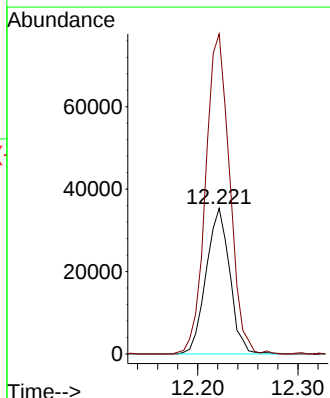
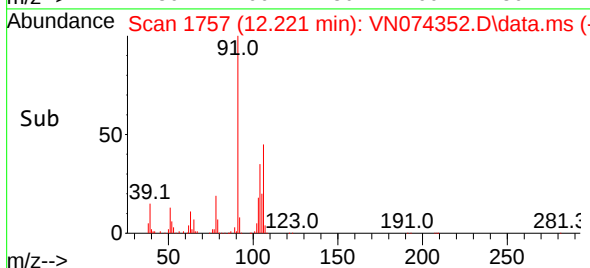
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

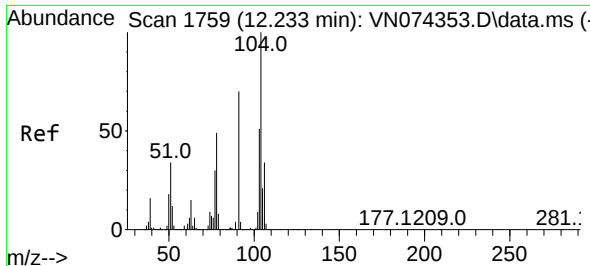


#68
o-Xylene
Concen: 5.394 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23



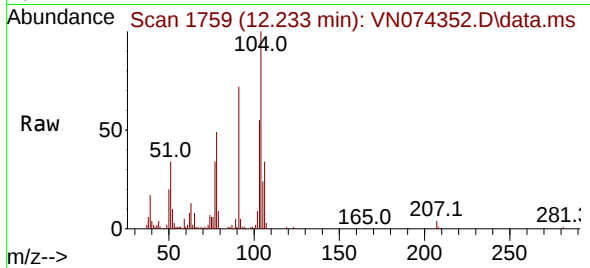
Tgt Ion:106 Resp: 57962
Ion Ratio Lower Upper
106 100
91 222.8 107.7 323.1





#69
Styrene
Concen: 5.204 ug/l
RT: 12.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

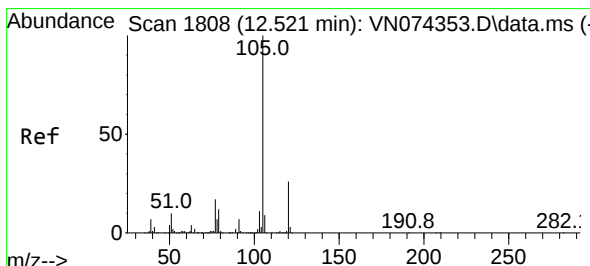
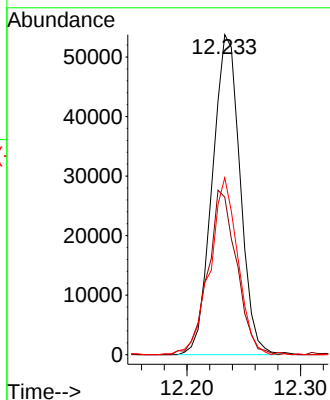
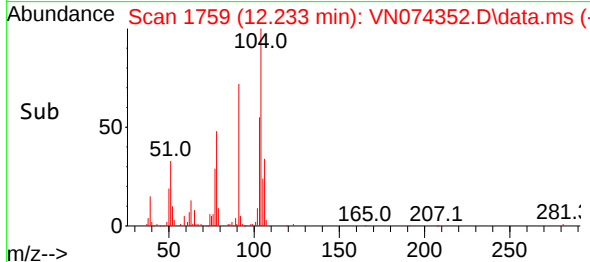
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



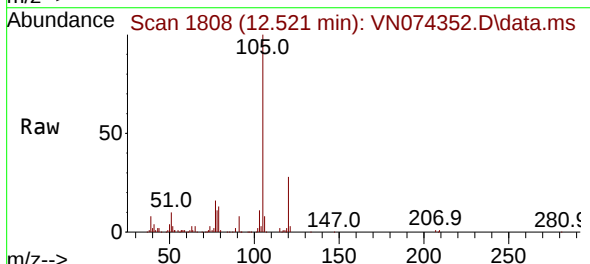
Tgt Ion:104 Resp: 91470
Ion Ratio Lower Upper
104 100
78 53.1 40.7 61.1
103 55.5 45.8 68.8

Manual Integrations
APPROVED

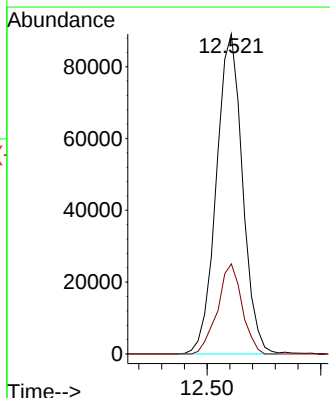
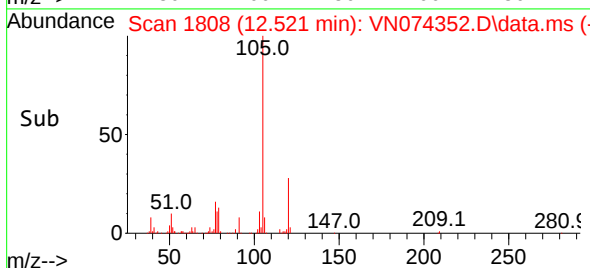
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

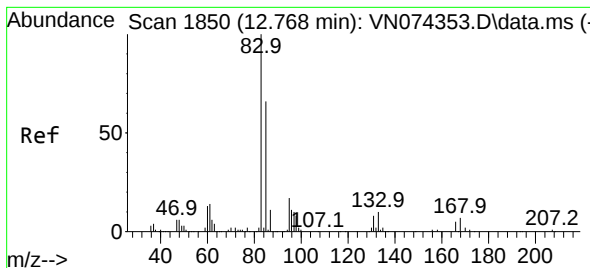


#70
Isopropylbenzene
Concen: 5.189 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23



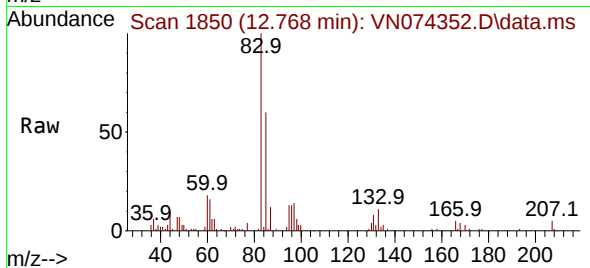
Tgt Ion:105 Resp: 142713
Ion Ratio Lower Upper
105 100
120 26.3 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 5.584 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

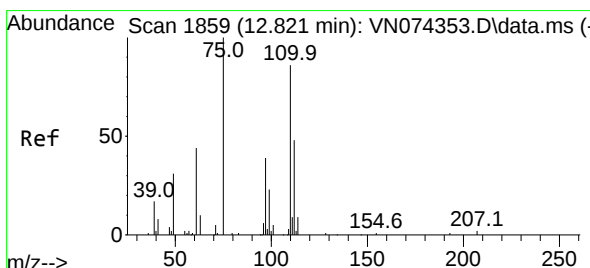
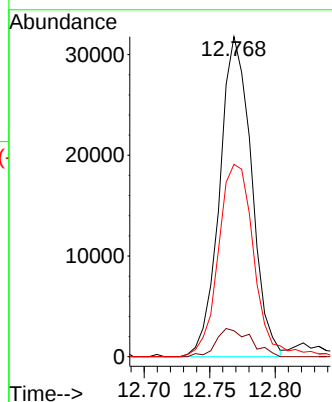
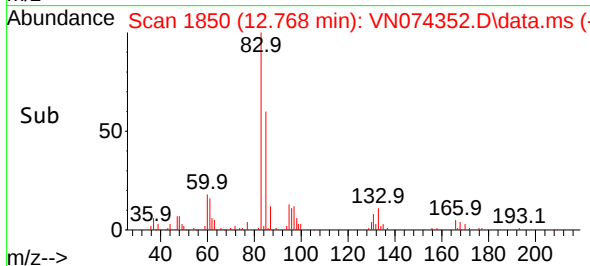
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 5367
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.3
85 67.4 33.1 99.2

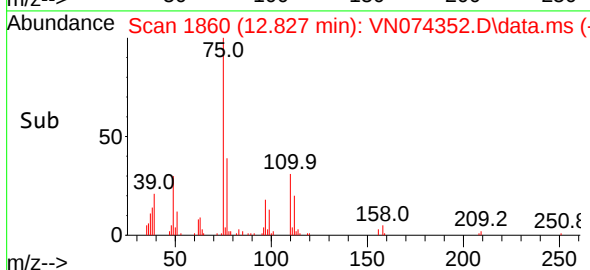
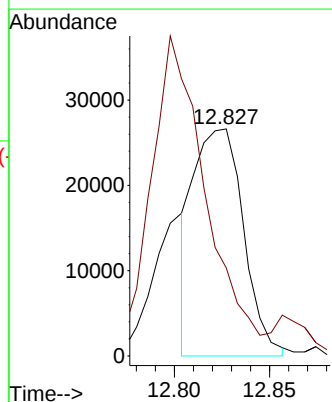
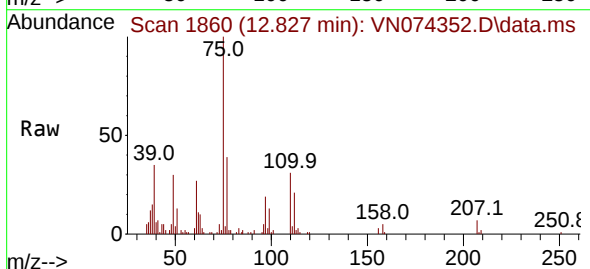
Manual Integrations
APPROVED

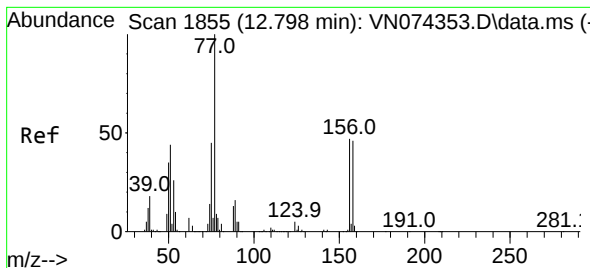
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#72
1,2,3-Trichloropropane
Concen: 5.744 ug/l m
RT: 12.827 min Scan# 1860
Delta R.T. 0.006 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

Tgt Ion: 75 Resp: 48394
Ion Ratio Lower Upper
75 100
77 156.2 0.0 378.0





#73

Bromobenzene

Concen: 4.840 ug/l

RT: 12.798 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VN074352.D

Acq: 08 Sep 2022 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

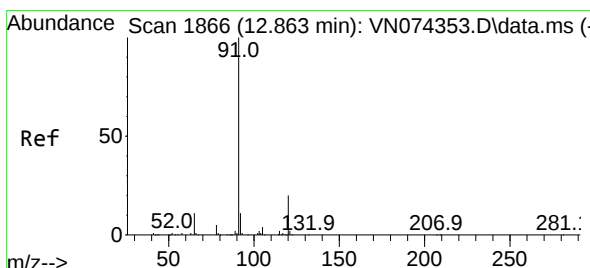
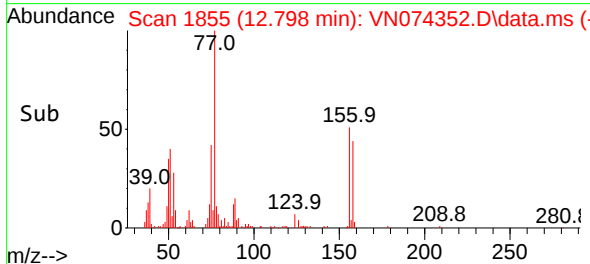
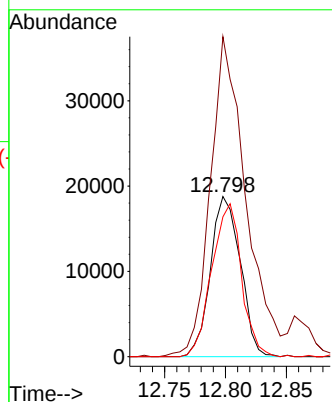
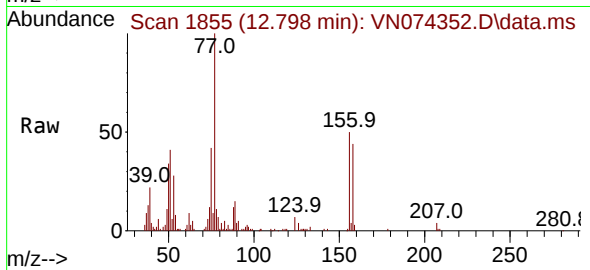
Tgt Ion:	156	Resp:	32070
Ion Ratio	Lower	Upper	
156	100		
77	235.6	0.0	416.0
158	95.1	0.0	195.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#74

n-propylbenzene

Concen: 5.093 ug/l

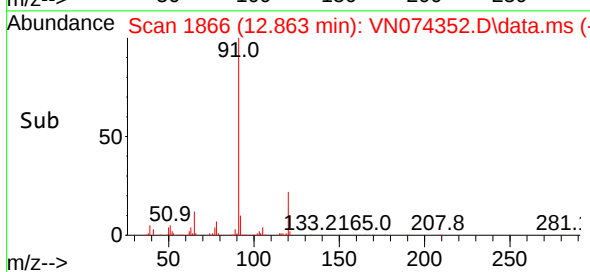
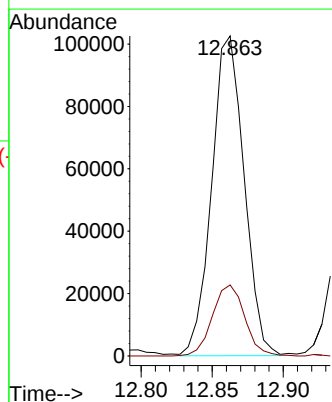
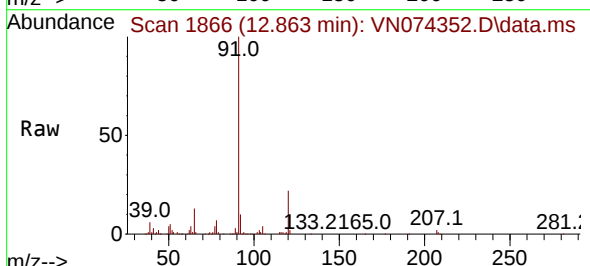
RT: 12.863 min Scan# 1866

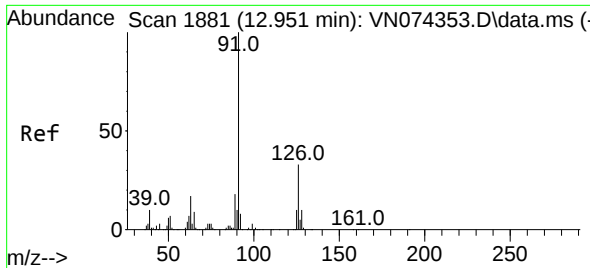
Delta R.T. -0.000 min

Lab File: VN074352.D

Acq: 08 Sep 2022 12:23

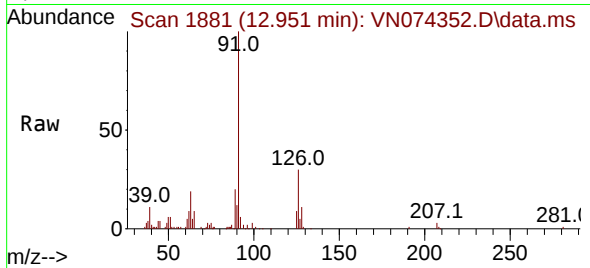
Tgt Ion:	91	Resp:	162551
Ion Ratio	Lower	Upper	
91	100		
120	22.1	0.0	45.0





#75
2-Chlorotoluene
Concen: 5.226 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

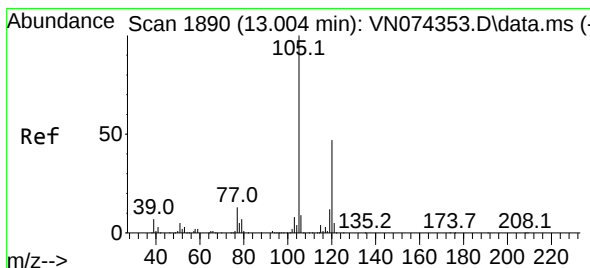
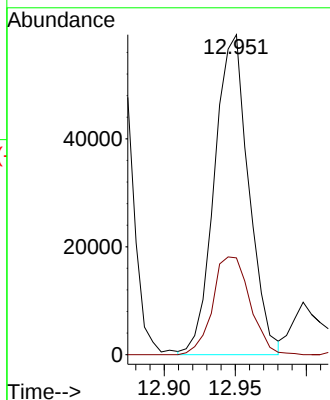
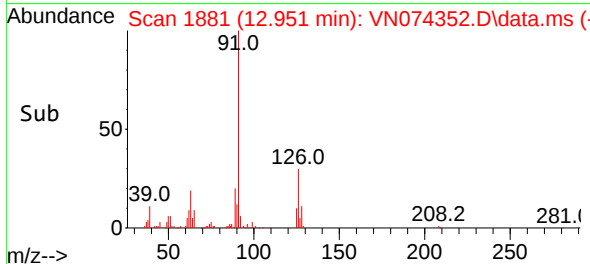
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



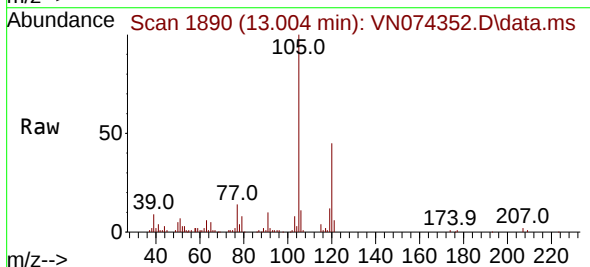
Tgt Ion: 91 Resp: 99680
Ion Ratio Lower Upper
91 100
126 33.3 0.0 69.8

Manual Integrations
APPROVED

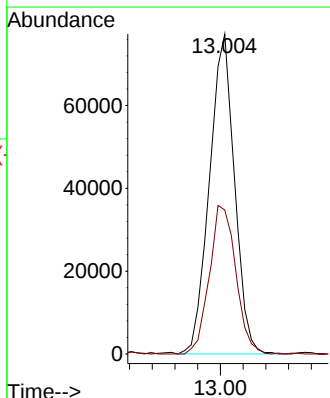
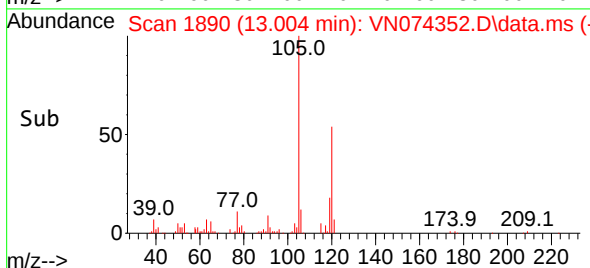
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

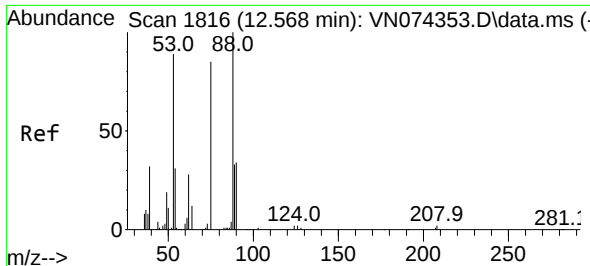


#76
1,3,5-Trimethylbenzene
Concen: 5.166 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23



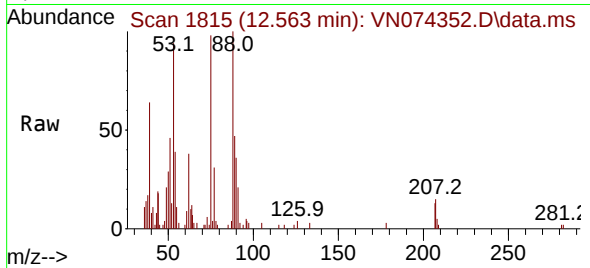
Tgt Ion:105 Resp: 118341
Ion Ratio Lower Upper
105 100
120 48.9 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 5.506 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. -0.006 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

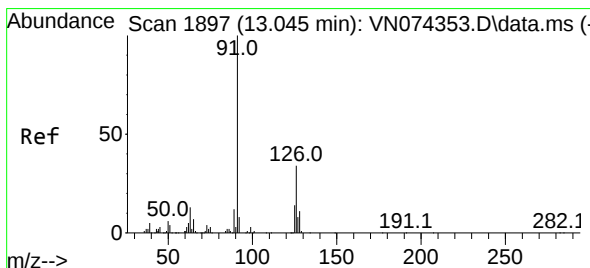
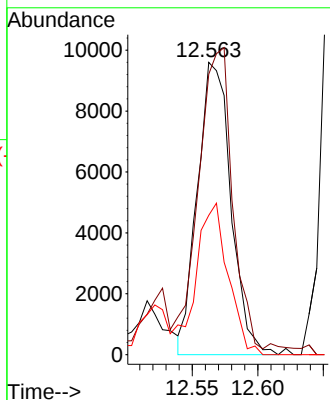
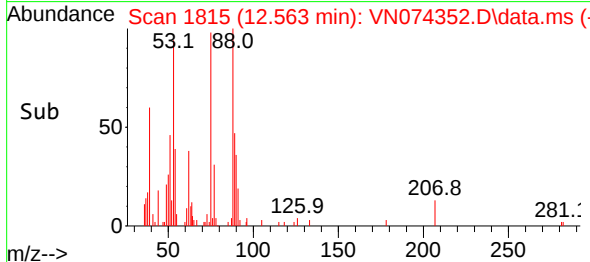
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 1703
Ion Ratio Lower Upper
75 100
53 93.1 51.8 155.5
89 47.7 22.9 68.7

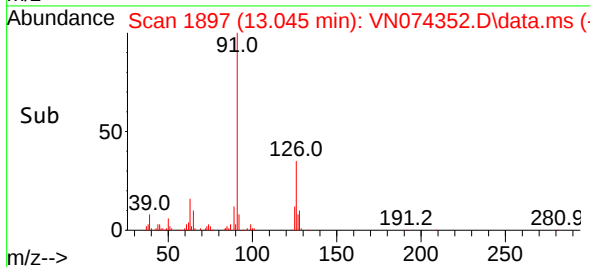
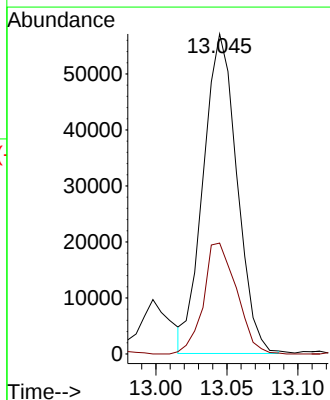
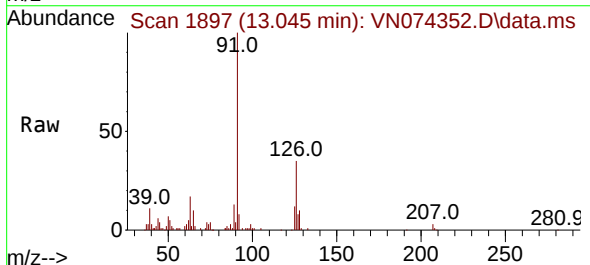
Manual Integrations
APPROVED

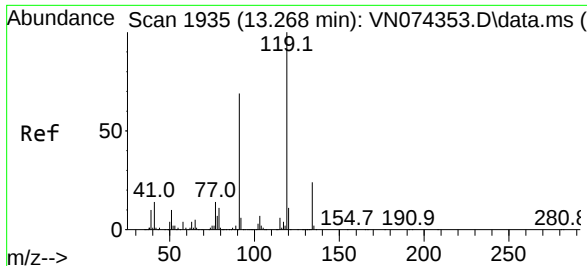
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#78
4-Chlorotoluene
Concen: 5.123 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

Tgt Ion: 91 Resp: 94261
Ion Ratio Lower Upper
91 100
126 34.1 0.0 70.6





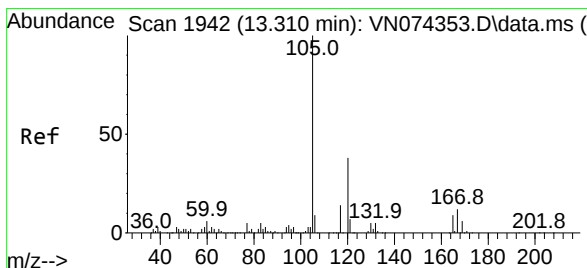
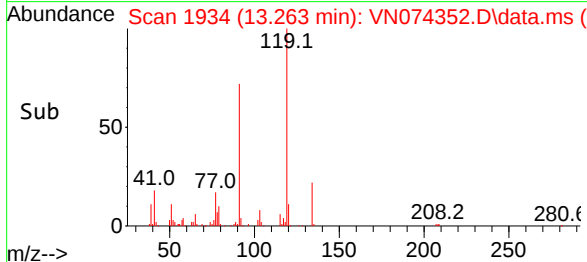
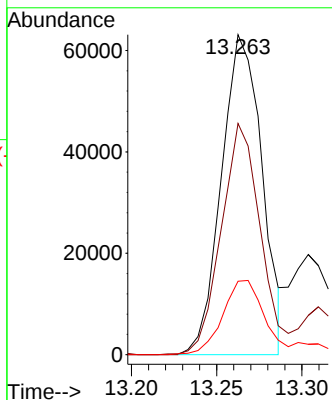
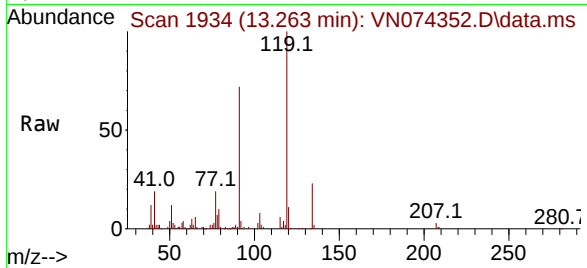
#79
tert-butylbenzene
Concen: 5.213 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. -0.006 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 104739
Ion Ratio Lower Upper
119 100
91 69.5 0.0 137.0
134 23.5 0.0 47.6

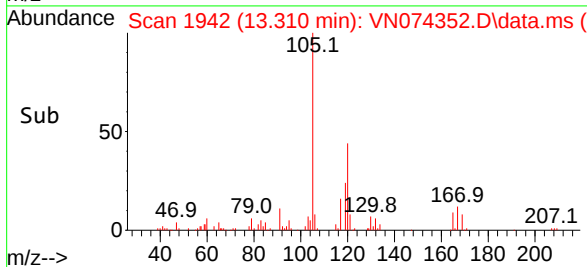
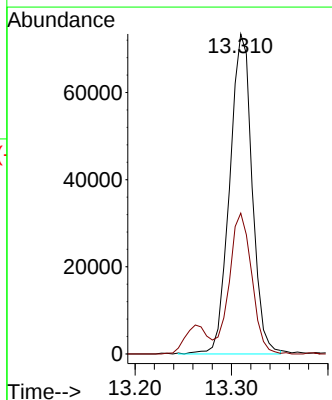
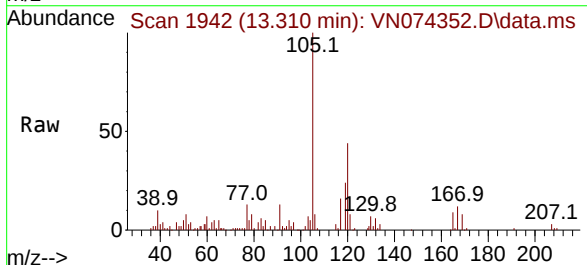
Manual Integrations
APPROVED

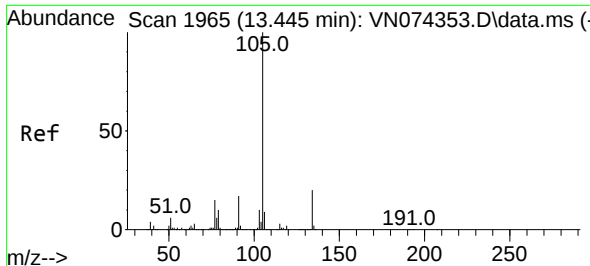
Reviewed By :John Carbone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#80
1,2,4-Trimethylbenzene
Concen: 5.215 ug/l m
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

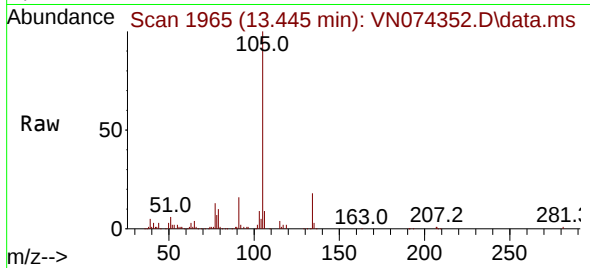
Tgt Ion:105 Resp: 119021
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 4.985 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. -0.000 min
 Lab File: VN074352.D
 Acq: 08 Sep 2022 12:23

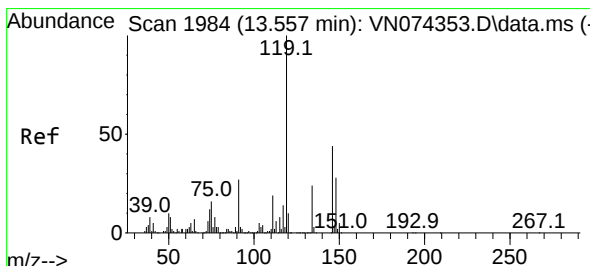
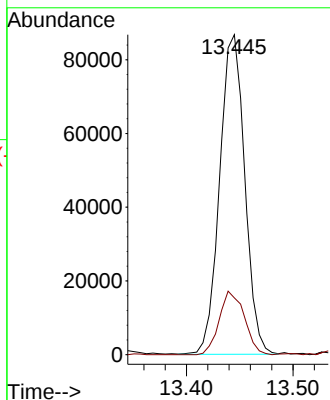
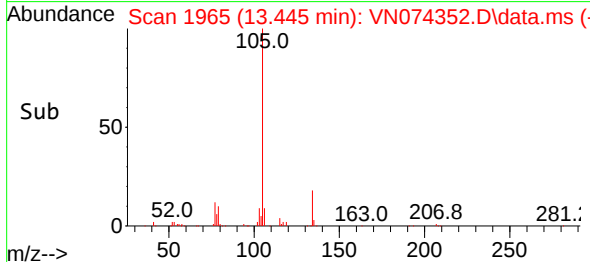
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



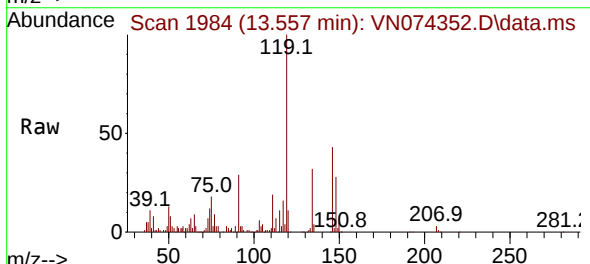
Tgt Ion:105 Resp: 141818
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 39.4

Manual Integrations
 APPROVED

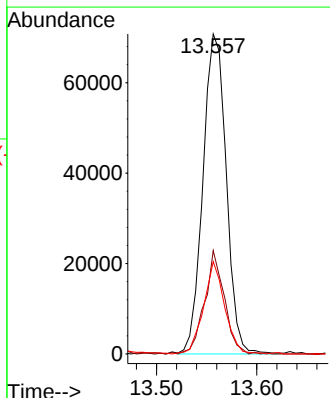
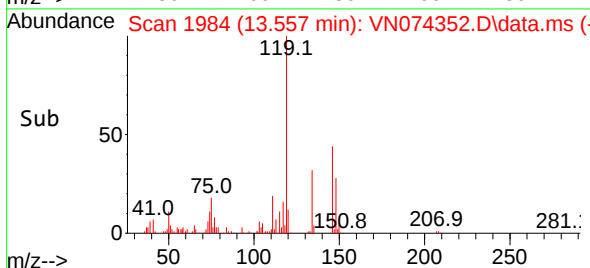
Reviewed By :John Carlone 09/09/2022
 Supervised By :Mahesh Dadoda 09/09/2022

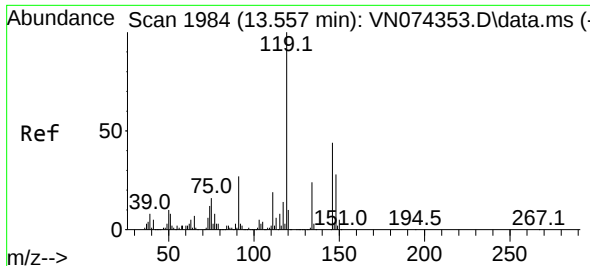


#82
 p-Isopropyltoluene
 Concen: 4.902 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN074352.D
 Acq: 08 Sep 2022 12:23



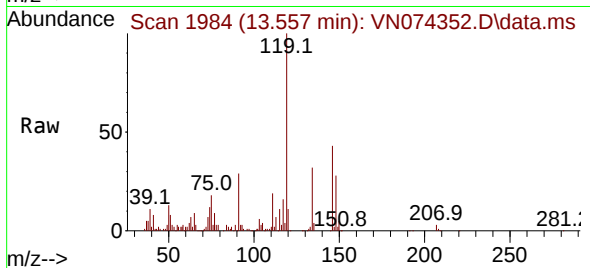
Tgt Ion:119 Resp: 114675
 Ion Ratio Lower Upper
 119 100
 134 27.2 0.0 51.8
 91 26.1 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 4.297 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

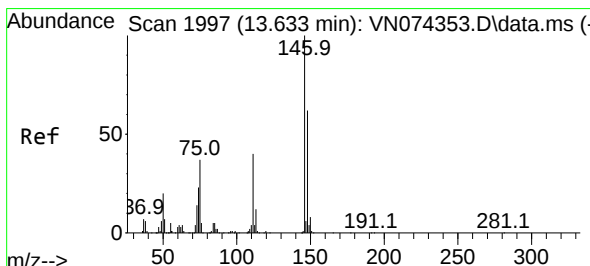
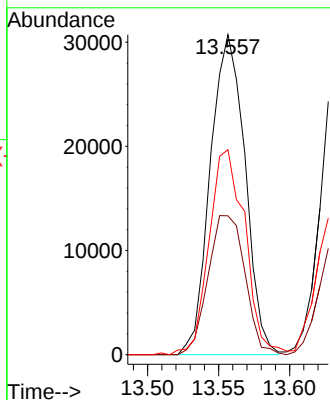
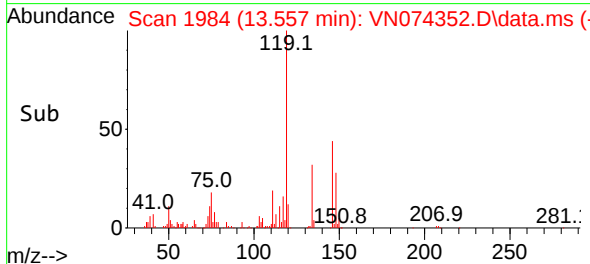
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



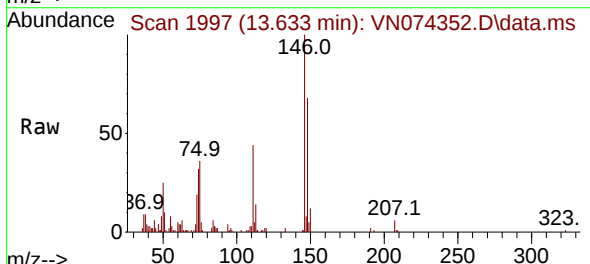
Tgt Ion:146 Resp: 5227
Ion Ratio Lower Upper
146 100
111 46.1 20.8 62.2
148 66.1 31.4 94.3

Manual Integrations
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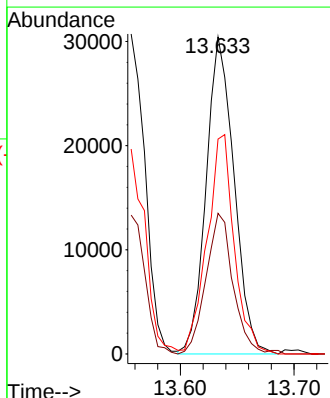
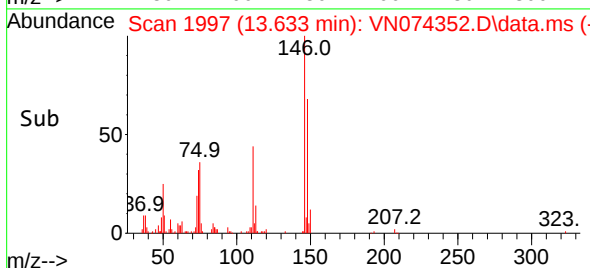
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

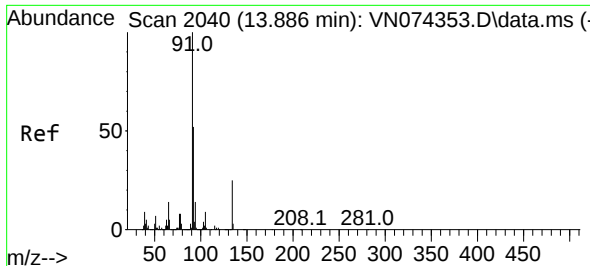


#84
1,4-Dichlorobenzene
Concen: 4.416 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23



Tgt Ion:146 Resp: 51956
Ion Ratio Lower Upper
146 100
111 42.8 19.5 58.5
148 67.5 31.1 93.5





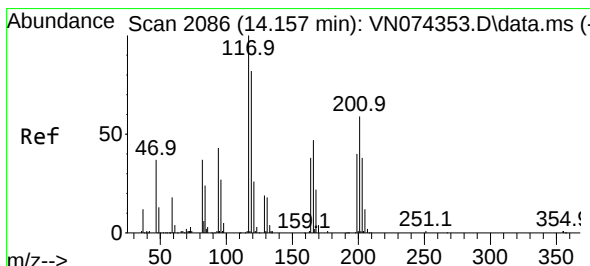
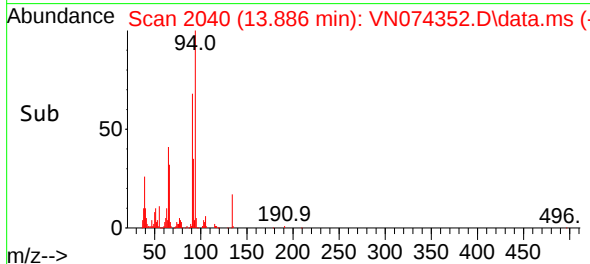
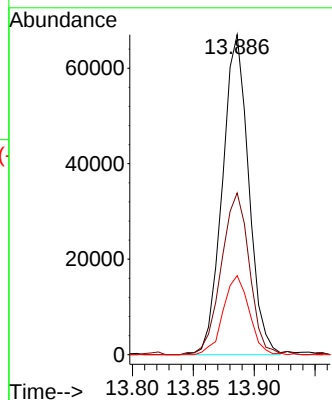
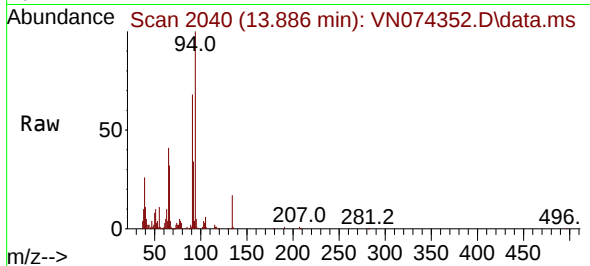
#85
n-Butylbenzene
Concen: 5.188 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 100752
Ion Ratio Lower Upper
91 100
92 53.8 0.0 100.6
134 24.4 0.0 50.2

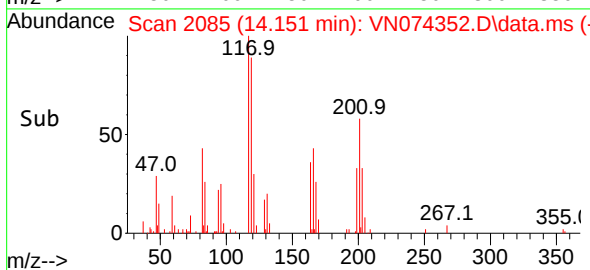
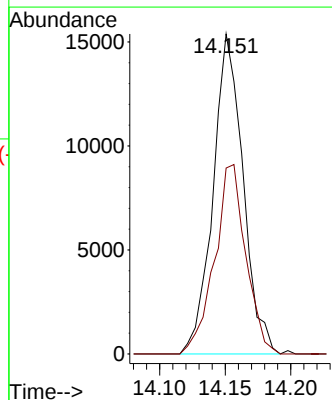
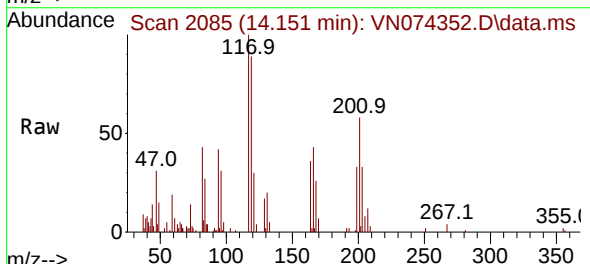
Manual Integrations
APPROVED

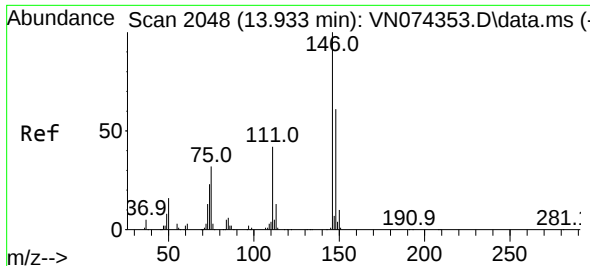
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#86
Hexachloroethane
Concen: 5.587 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.006 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

Tgt Ion:117 Resp: 24486
Ion Ratio Lower Upper
117 100
201 61.7 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 4.726 ug/l

RT: 13.927 min Scan# 2047

Delta R.T. -0.006 min

Lab File: VN074352.D

Acq: 08 Sep 2022 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

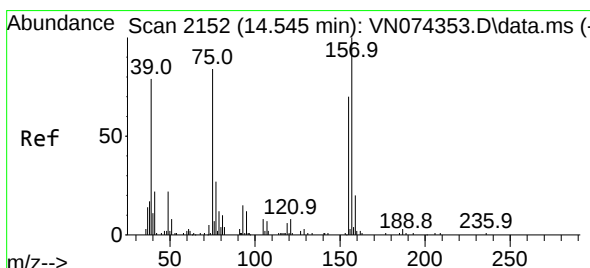
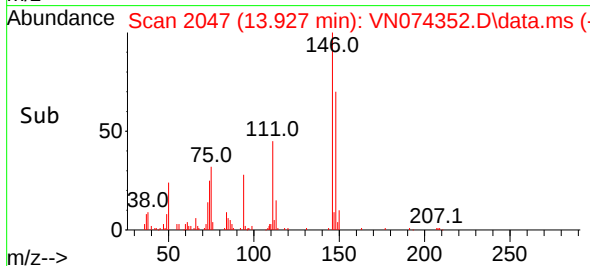
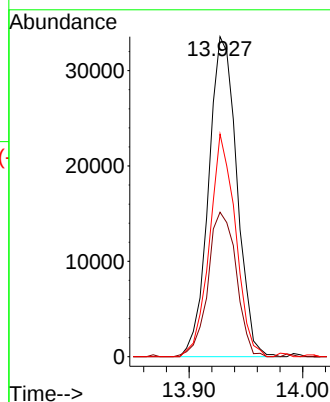
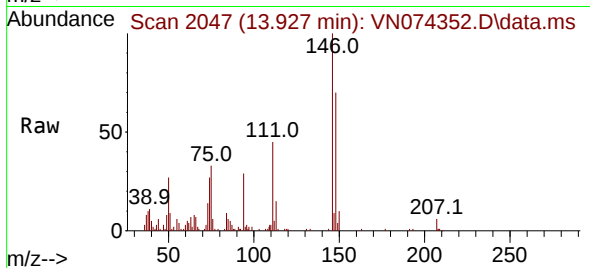
Tgt Ion:	146	Resp:	5812
Ion Ratio	Lower	Upper	
146	100		
111	45.1	21.4	64.2
148	63.9	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 5.528 ug/l

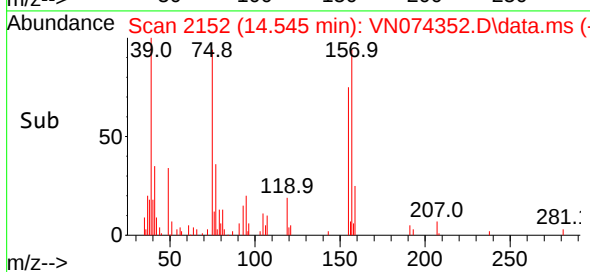
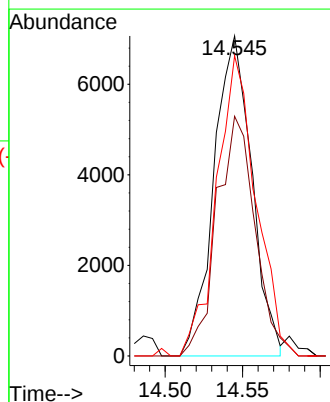
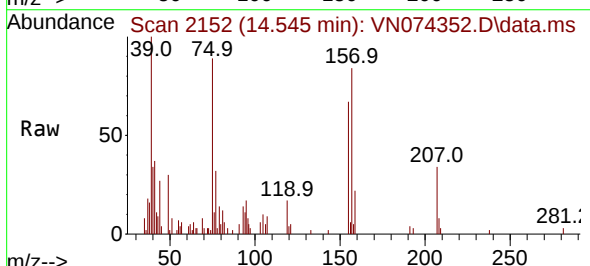
RT: 14.545 min Scan# 2152

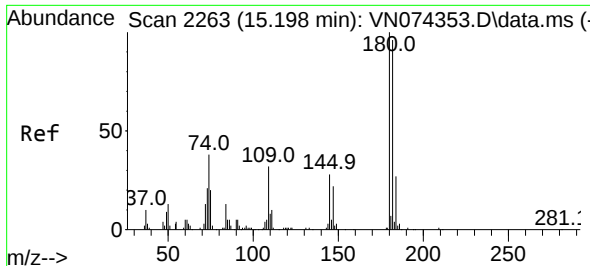
Delta R.T. -0.000 min

Lab File: VN074352.D

Acq: 08 Sep 2022 12:23

Tgt Ion:	75	Resp:	12006
Ion Ratio	Lower	Upper	
75	100		
155	75.9	63.8	95.8
157	97.3	77.9	116.9





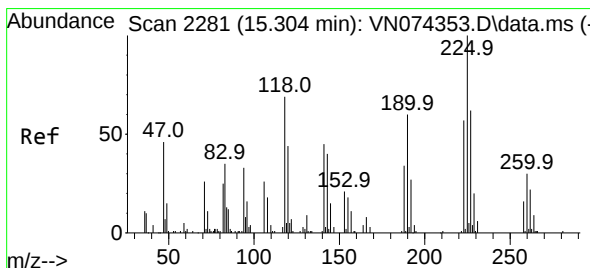
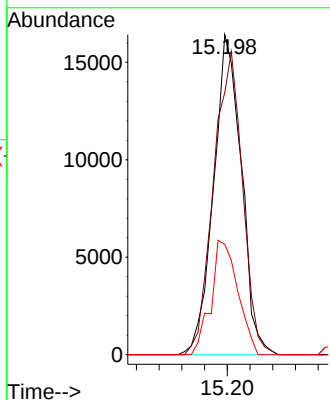
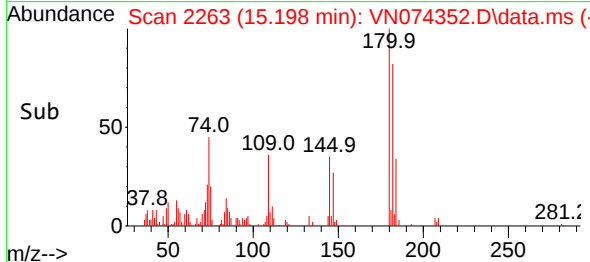
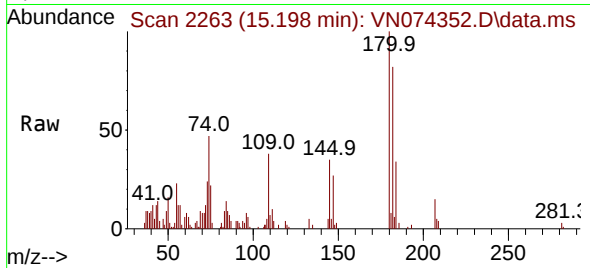
#89
1,2,4-Trichlorobenzene
Concen: 4.086 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:180 Resp: 27879
Ion Ratio Lower Upper
180 100
182 98.6 77.7 116.5
145 34.5 26.6 39.8

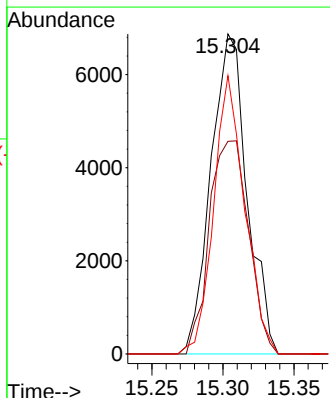
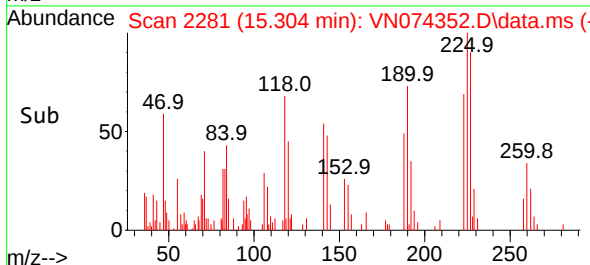
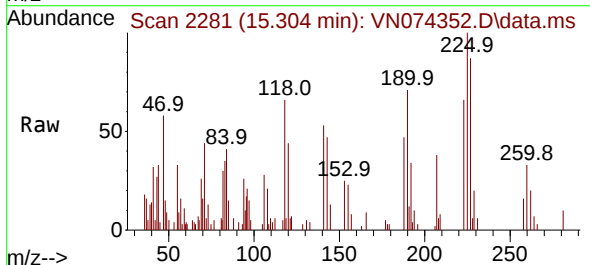
Manual Integrations
APPROVED

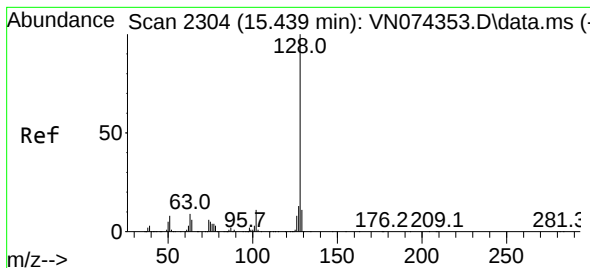
Reviewed By :John Carbone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#90
Hexachlorobutadiene
Concen: 3.646 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

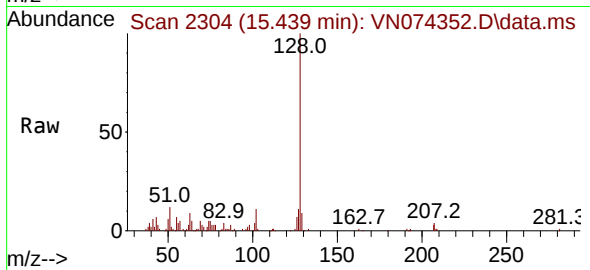
Tgt Ion:225 Resp: 12188
Ion Ratio Lower Upper
225 100
223 72.3 0.0 126.8
227 74.7 0.0 123.0





#91
Naphthalene
Concen: 4.856 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23

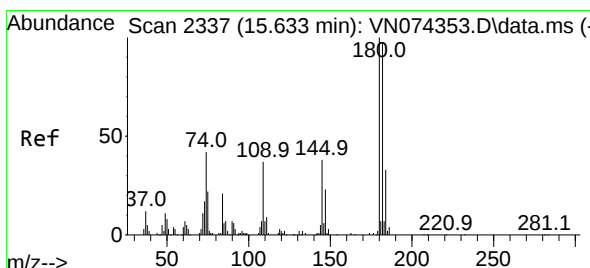
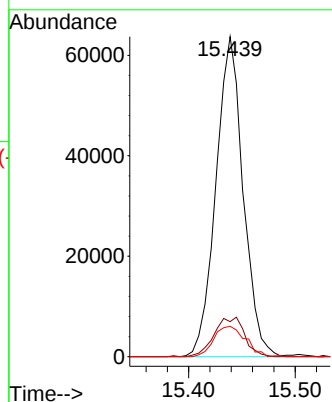
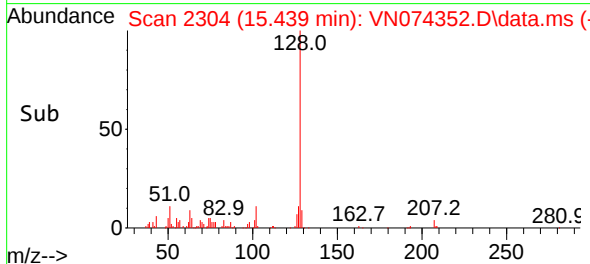
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



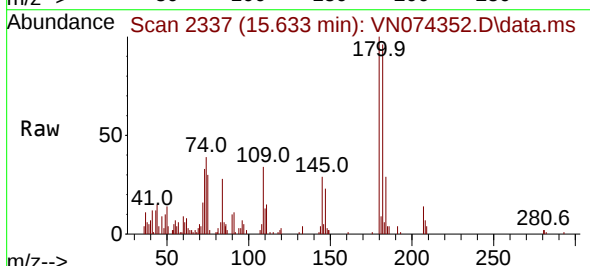
Tgt Ion:128 Resp: 11303
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 11.0 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carbone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#92
1,2,3-Trichlorobenzene
Concen: 4.258 ug/l
RT: 15.633 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VN074352.D
Acq: 08 Sep 2022 12:23



Tgt Ion:180 Resp: 29441
Ion Ratio Lower Upper
180 100
182 92.6 0.0 190.0
145 32.6 0.0 67.8

