

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090822\
 Data File : VN074355.D
 Acq On : 08 Sep 2022 13:36
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 08 14:14:40 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	7.587	128	76004	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	430217	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	417847	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	219056	31.655	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 105.533%			
60) 4-Bromofluorobenzene	12.675	95	256802	33.788	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 112.633%#			
63) Toluene-d8	10.381	98	685514	29.280	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 97.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.040	85	500319	94.882	ug/l	100
3) Chloromethane	2.263	50	653614	93.276	ug/l	97
4) Vinyl Chloride	2.405	62	745478	89.182	ug/l	99
5) Bromomethane	2.775	94	392016	88.116	ug/l	100
6) Chloroethane	2.934	64	494202	87.314	ug/l	93
7) Trichlorofluoromethane	3.299	101	828094	97.161	ug/l	98
8) Diethyl Ether	3.757	74	349088	99.522	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.128	101	495175	97.327	ug/l	74
10) 1,1-Dichloroethene	4.104	96	490603	99.506	ug/l	92
11) Methyl Iodide	4.346	142	643568	110.537	ug/l	98
12) Methyl Acetate	4.769	43	1010291	115.846	ug/l	95
13) Acrolein	3.969	56	749673	522.306	ug/l	97
14) Acrylonitrile	5.469	53	2097825	542.852	ug/l	98
15) Acetone	4.216	58	539868	504.402	ug/l	99
16) Carbon Disulfide	4.452	76	1386592	102.382	ug/l	98
17) Allyl chloride	4.751	41	1037663	119.454	ug/l	90
18) Methylene Chloride	5.004	84	601581	97.475	ug/l	91
19) trans-1,2-Dichloroethene	5.510	96	560859	103.733	ug/l	96
20) Diisopropyl ether	6.404	45	2200071	117.945	ug/l	96
21) 1,1-Dichloroethane	6.298	63	1121077	105.052	ug/l	99
22) cis-1,2-Dichloroethene	7.245	96	667735	100.884	ug/l	96
23) tert-Butyl Alcohol	5.293	59	916714	626.773	ug/l #	100
24) Methyl tert-Butyl Ether	5.528	73	2063168	114.381	ug/l	97
25) Chloroform	7.745	83	1164362	106.454	ug/l	95
26) Cyclohexane	8.016	56	1035744	109.744	ug/l #	96
29) 1,1-Dichloropropene	8.151	75	857450	104.756	ug/l	96
30) 2-Butanone	7.257	43	3050583	535.504	ug/l	96
31) 2,2-Dichloropropane	7.245	77	1015121	113.746	ug/l	98
32) 1,1,1-Trichloroethane	7.940	97	1065863	111.718	ug/l	98
33) Carbon Tetrachloride	8.128	117	905415	110.377	ug/l	99
34) Benzene	8.387	78	2630136	100.683	ug/l	99
35) Methacrylonitrile	7.563	41	570644	124.717	ug/l	93
36) 1,2-Dichloroethane	8.463	62	936981	106.743	ug/l	99
37) Trichloroethene	9.151	130	606468	95.330	ug/l	94
38) Methylcyclohexane	9.392	83	1064890	104.496	ug/l	95
39) 1,2-Dichloropropane	9.428	63	676062	102.083	ug/l	99
40) Dibromomethane	9.516	93	472197	105.041	ug/l	98
41) Bromodichloromethane	9.698	83	944760	106.484	ug/l #	95
42) Vinyl Acetate	6.346	43	10033868	593.741	ug/l	100

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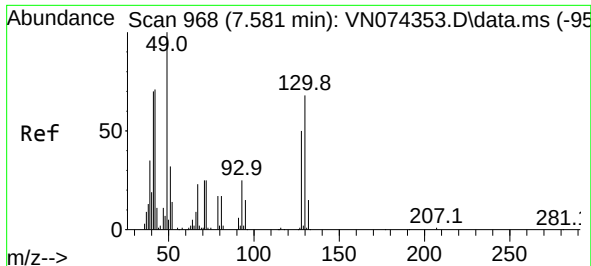
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.334	43	1225805	110.494	ug/l	98
44) Isopropyl Acetate	8.492	43	1898611	121.358	ug/l	98
45) 1,4-Dioxane	9.504	88	373910	2119.912	ug/l	93
46) Methyl methacrylate	9.498	41	813666	117.502	ug/l	88
47) n-amyl Acetate	12.333	43	1804185	138.981	ug/l	95
48) t-1,3-Dichloropropene	10.657	75	1123079	118.689	ug/l	100
49) cis-1,3-Dichloropropene	10.128	75	1136961	110.887	ug/l	96
50) 1,1,2-Trichloroethane	10.839	97	677785	101.456	ug/l	98
51) Ethyl methacrylate	10.704	69	1227826	116.689	ug/l	94
52) 1,3-Dichloropropane	10.986	76	1164527	102.058	ug/l	100
53) Dibromochloromethane	11.180	129	764931	111.103	ug/l	100
54) 1,2-Dibromoethane	11.286	107	726876	105.739	ug/l	98
55) 2-Chloroethyl vinyl ether	9.981	63	2919179	615.453	ug/l	98
56) Bromoform	12.398	173	601349	111.928	ug/l #	99
58) 4-Methyl-2-Pentanone	10.269	43	6399166	567.534	ug/l	98
59) 2-Hexanone	11.028	43	5011613	575.300	ug/l	99
61) Tetrachloroethene	10.916	164	508543	82.860	ug/l	96
62) Toluene	10.445	91	2955382	100.872	ug/l	97
64) Chlorobenzene	11.710	112	1783431	101.683	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.780	131	683274	103.934	ug/l	99
66) Ethyl Benzene	11.786	91	3348101	105.348	ug/l	99
67) m/p-Xylenes	11.898	106	2601548	214.460	ug/l	99
68) o-Xylene	12.222	106	1310420	108.232	ug/l	99
69) Styrene	12.233	104	2242901	113.253	ug/l	98
70) Isopropylbenzene	12.522	105	3489824	112.602	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.769	83	1182898	109.203	ug/l	98
72) 1,2,3-Trichloropropane	12.822	75	935974m	98.582	ug/l	
73) Bromobenzene	12.804	156	763688	102.291	ug/l	90
74) n-propylbenzene	12.863	91	4097997	113.937	ug/l	100
75) 2-Chlorotoluene	12.951	91	2423068	112.720	ug/l	98
76) 1,3,5-Trimethylbenzene	13.004	105	2972831	115.157	ug/l	97
77) t-1,4-Dichloro-2-butene	12.569	75	456319	130.896	ug/l	93
78) 4-Chlorotoluene	13.045	91	2445753	117.974	ug/l	96
79) tert-butylbenzene	13.269	119	2634508	116.361	ug/l	97
80) 1,2,4-Trimethylbenzene	13.310	105	2954972m	114.902	ug/l	
81) sec-Butylbenzene	13.445	105	3738391	116.613	ug/l	99
82) p-Isopropyltoluene	13.557	119	3151769	119.560	ug/l	99
83) 1,3-Dichlorobenzene	13.557	146	1505704	109.825	ug/l	99
84) 1,4-Dichlorobenzene	13.639	146	1468170	110.732	ug/l	98
85) n-Butylbenzene	13.886	91	2747199	125.537	ug/l	98
86) Hexachloroethane	14.151	117	589040	119.280	ug/l	99
87) 1,2-Dichlorobenzene	13.927	146	1496382	107.967	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.545	75	296488	121.146	ug/l	96
89) 1,2,4-Trichlorobenzene	15.198	180	830352	107.993	ug/l	98
90) Hexachlorobutadiene	15.310	225	340907	90.503	ug/l	99
91) Naphthalene	15.439	128	3290352	125.446	ug/l	99
92) 1,2,3-Trichlorobenzene	15.633	180	837422	107.483	ug/l	99

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

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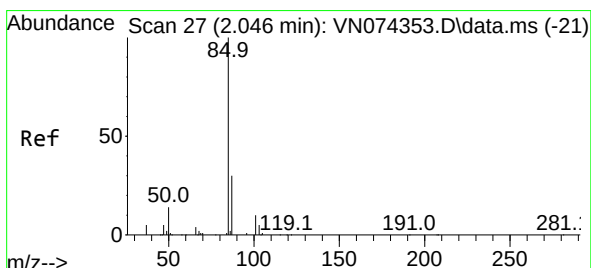
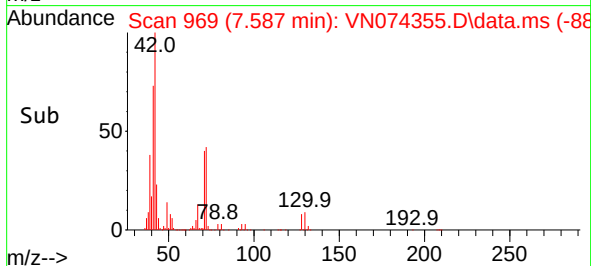
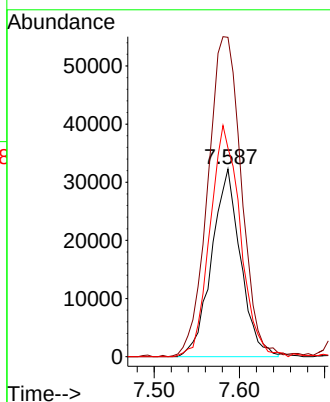
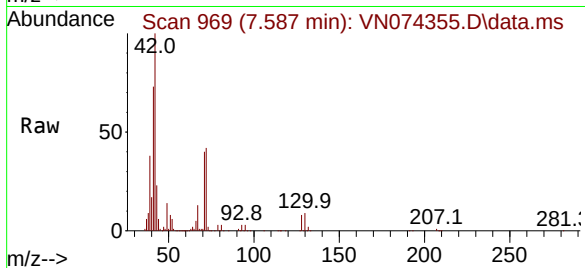
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.587 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 76004
Ion Ratio Lower Upper
128 100
49 198.2 0.0 392.3
130 128.8 0.0 320.2

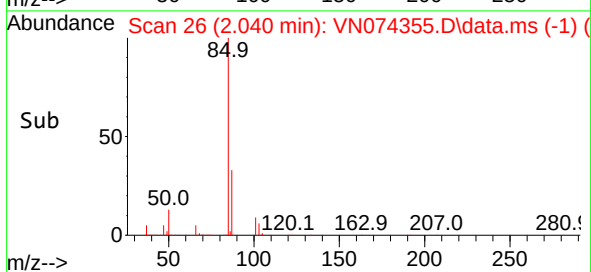
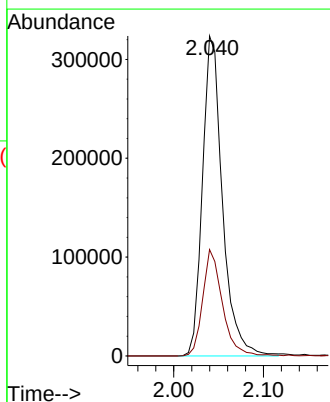
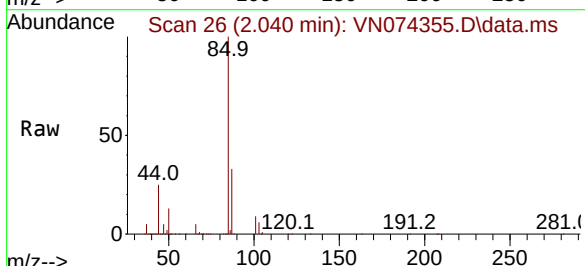
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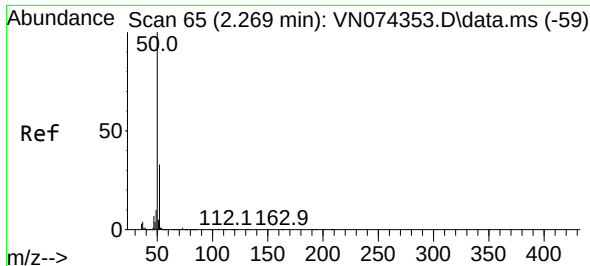
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#2
Dichlorodifluoromethane
Concen: 94.882 ug/l
RT: 2.040 min Scan# 26
Delta R.T. -0.006 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

Tgt Ion: 85 Resp: 500319
Ion Ratio Lower Upper
85 100
87 33.2 16.6 49.7





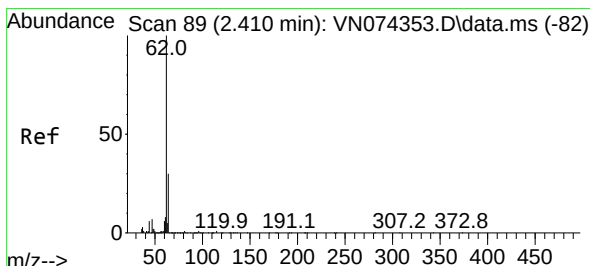
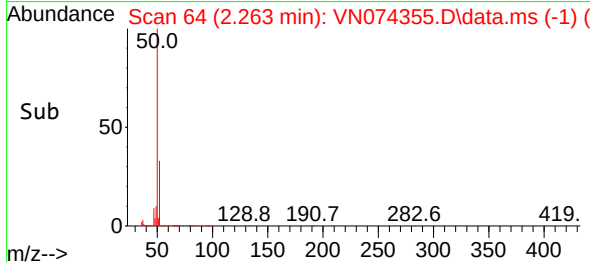
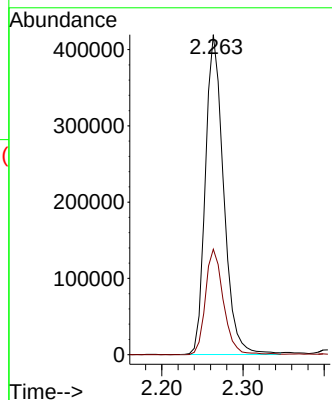
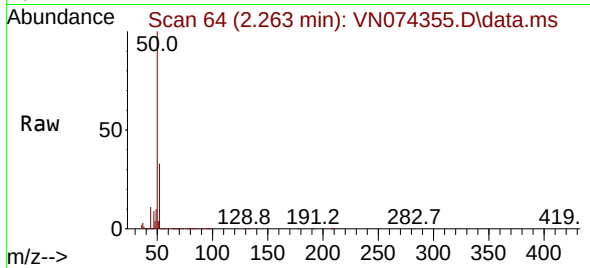
#3
Chloromethane
Concen: 93.276 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 653614
Ion Ratio Lower Upper
50 100
52 33.0 27.8 41.6

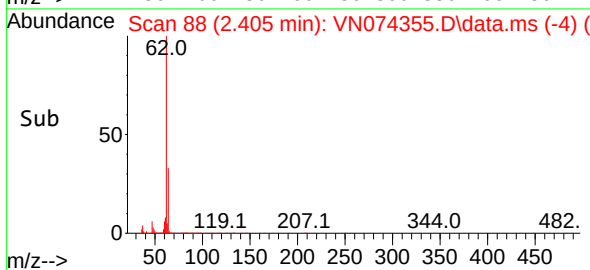
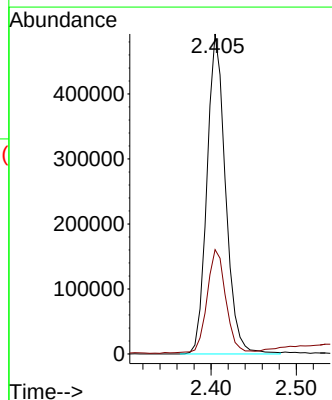
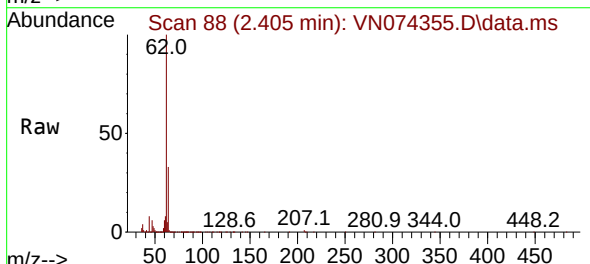
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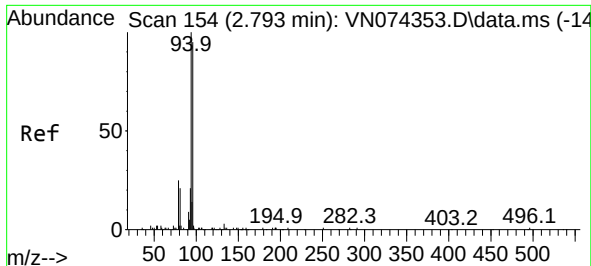
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#4
Vinyl Chloride
Concen: 89.182 ug/l
RT: 2.405 min Scan# 88
Delta R.T. -0.006 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

Tgt Ion: 62 Resp: 745478
Ion Ratio Lower Upper
62 100
64 32.1 25.1 37.7





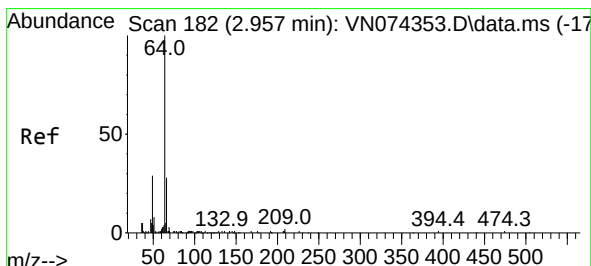
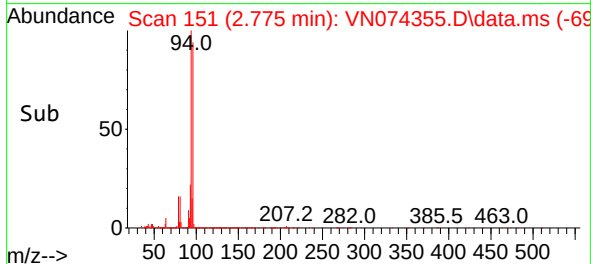
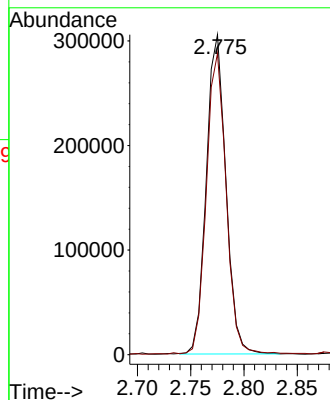
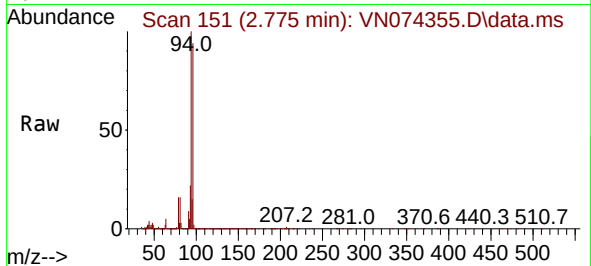
#5
Bromomethane
Concen: 88.116 ug/l
RT: 2.775 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 392010
Ion Ratio Lower Upper
94 100
96 94.1 75.2 112.8

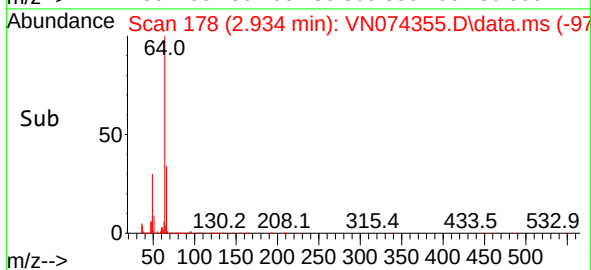
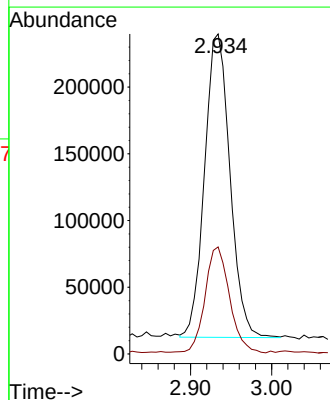
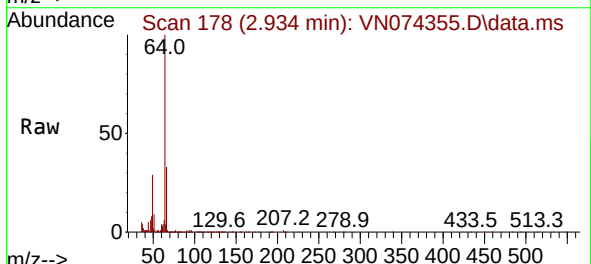
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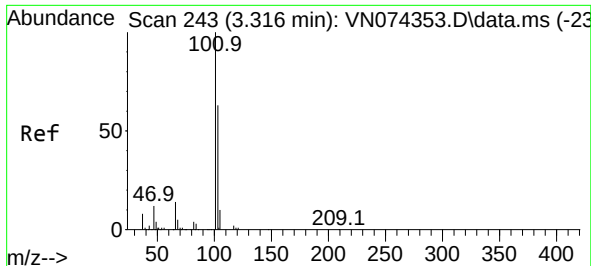
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#6
Chloroethane
Concen: 87.314 ug/l
RT: 2.934 min Scan# 178
Delta R.T. -0.023 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

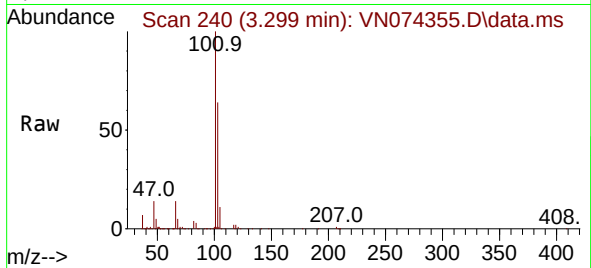
Tgt Ion: 64 Resp: 494202
Ion Ratio Lower Upper
64 100
66 34.6 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 97.161 ug/l
 RT: 3.299 min Scan# 243
 Delta R.T. -0.017 min
 Lab File: VN074355.D
 Acq: 08 Sep 2022 13:36

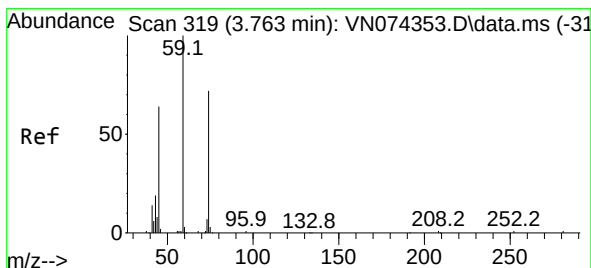
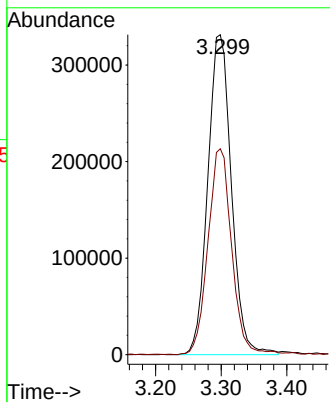
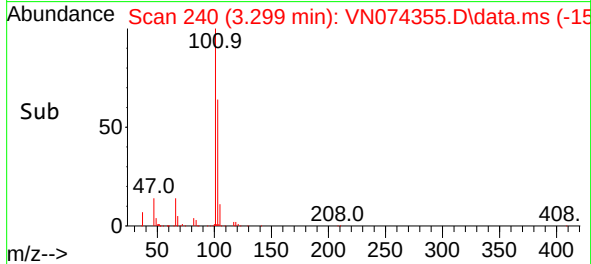
Instrument :
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 ClientSampleId :
 VSTDIC100



Tgt Ion:101 Resp: 828094
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.1 75.1

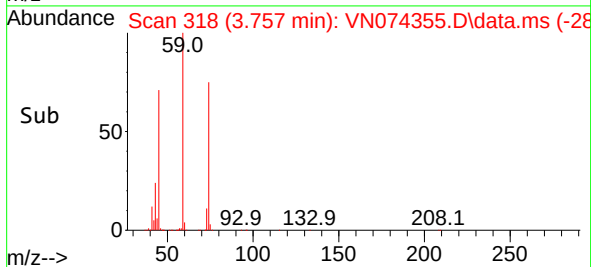
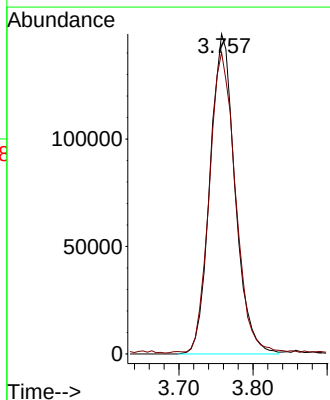
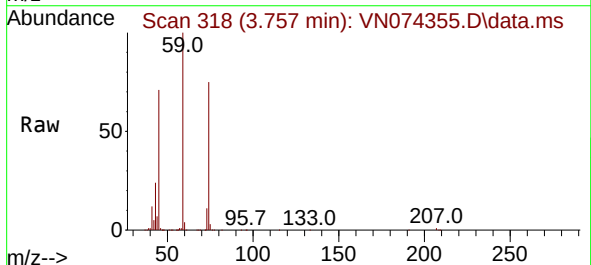
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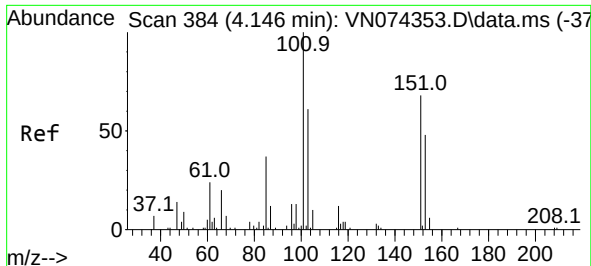
Reviewed By :John Carlone 09/09/2022
 Supervised By :Mahesh Dadoda 09/09/2022



#8
 Diethyl Ether
 Concen: 99.522 ug/l
 RT: 3.757 min Scan# 318
 Delta R.T. -0.006 min
 Lab File: VN074355.D
 Acq: 08 Sep 2022 13:36

Tgt Ion: 74 Resp: 349088
 Ion Ratio Lower Upper
 74 100
 45 97.9 17.6 158.8





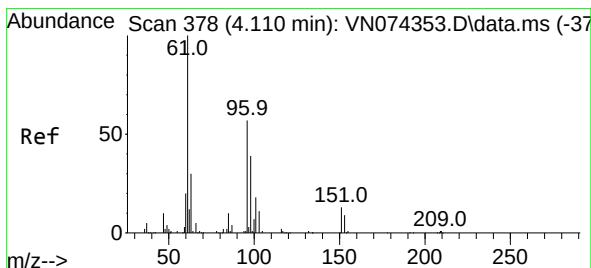
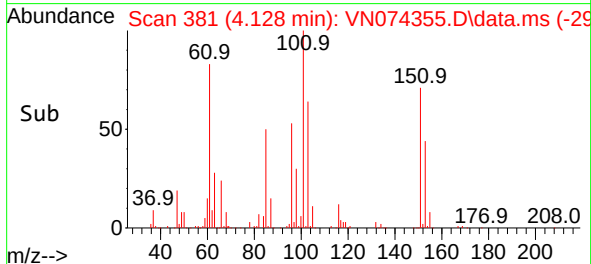
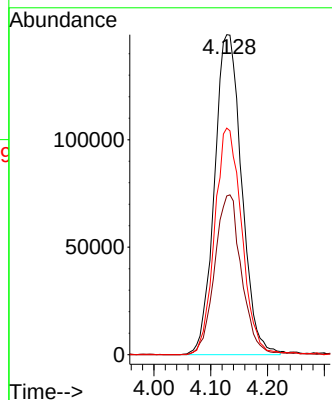
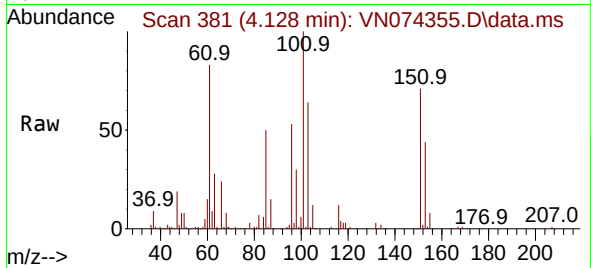
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1,1,2-Trichlorotrifluoroethane
Concen: 97.327 ug/l
RT: 4.128 min Scan# 381
Delta R.T. -0.018 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 49517
Ion Ratio Lower Upper
101 100
85 49.1 0.0 94.0
151 70.4 0.0 74.6

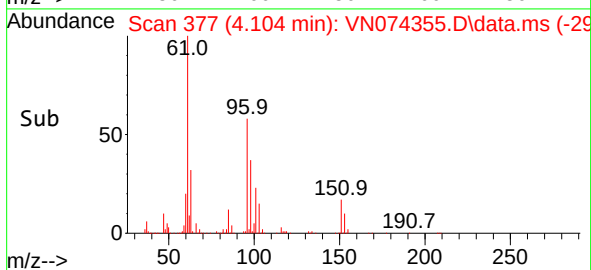
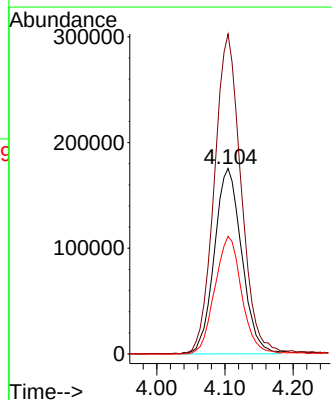
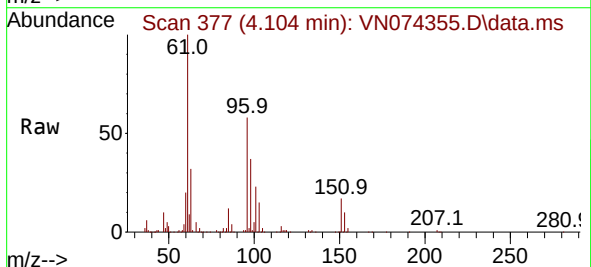
Manual Integrations
APPROVED

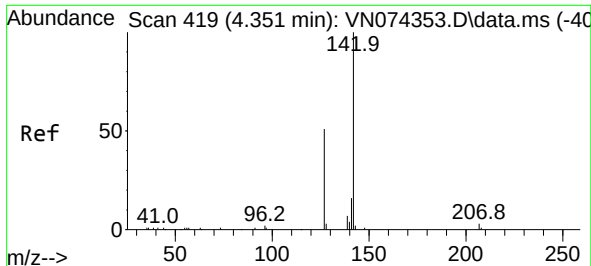
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#10
1,1-Dichloroethene
Concen: 99.506 ug/l
RT: 4.104 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

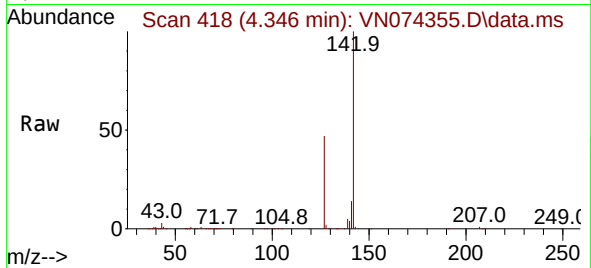
Tgt Ion: 96 Resp: 490603
Ion Ratio Lower Upper
96 100
61 172.7 126.2 189.4
98 63.4 50.9 76.3





#11
Methyl Iodide
Concen: 110.537 ug/l
RT: 4.346 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

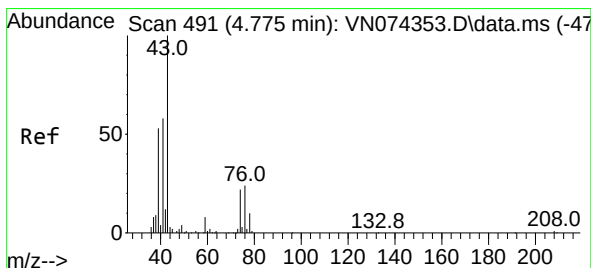
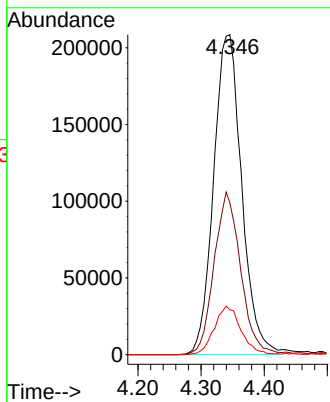
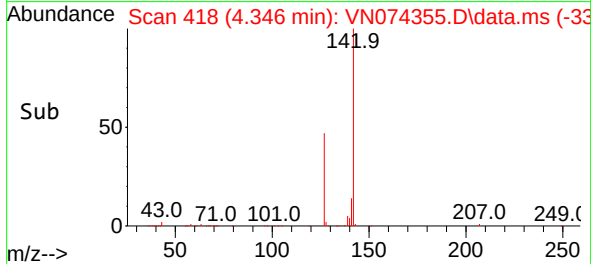
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:142 Resp: 64356
Ion Ratio Lower Upper
142 100
127 47.4 24.0 72.0
141 14.0 8.4 25.2

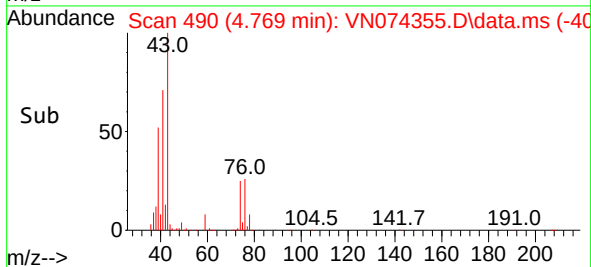
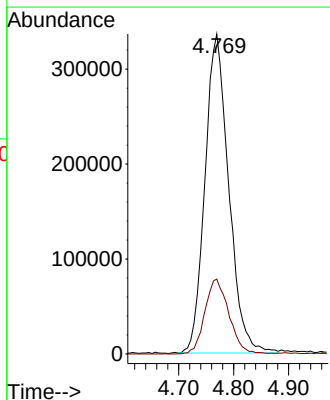
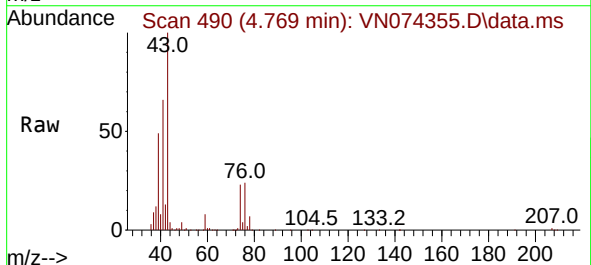
Manual Integrations
APPROVED

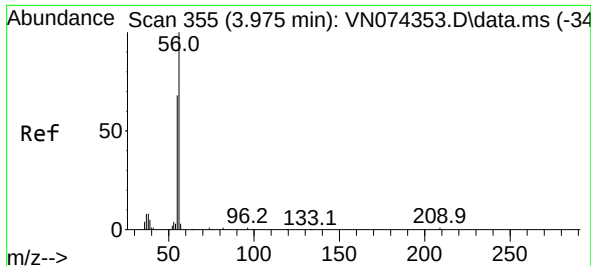
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#12
Methyl Acetate
Concen: 115.846 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.006 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

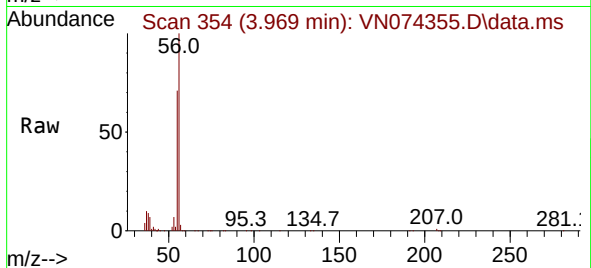
Tgt Ion: 43 Resp: 1010291
Ion Ratio Lower Upper
43 100
74 23.4 20.8 31.2





#13
Acrolein
Concen: 522.306 ug/l
RT: 3.969 min Scan# 354
Delta R.T. -0.006 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

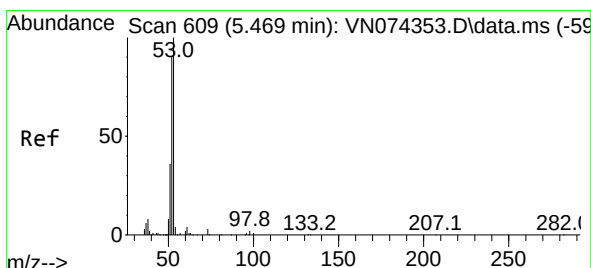
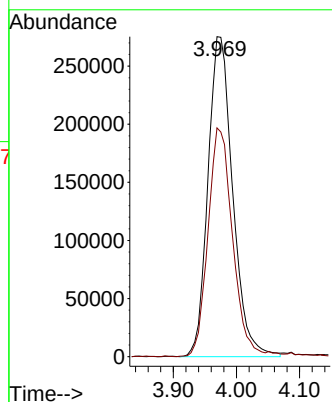
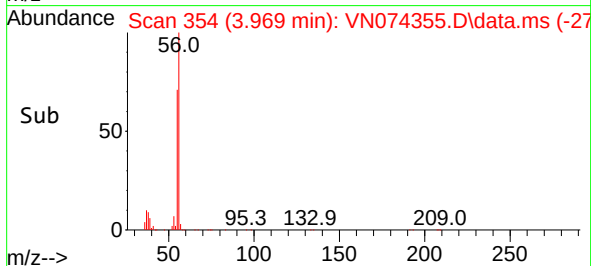
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 74967
Ion Ratio Lower Upper
56 100
55 69.9 57.6 86.4

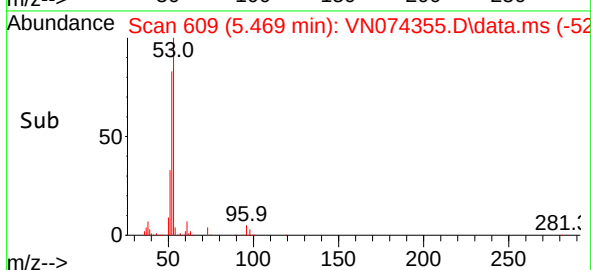
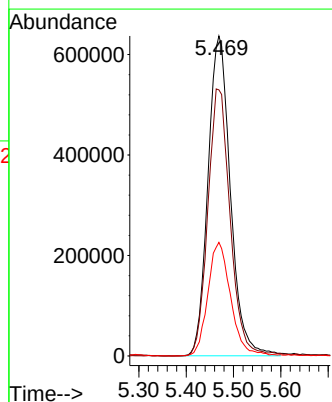
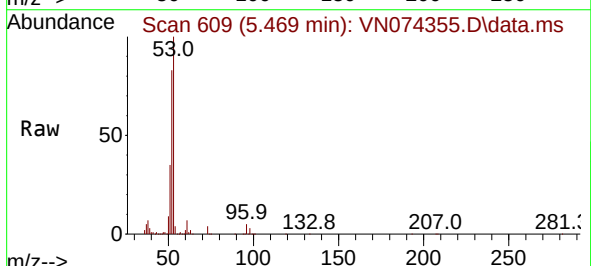
Manual Integrations
APPROVED

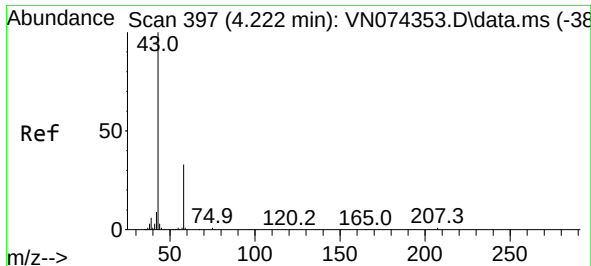
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#14
Acrylonitrile
Concen: 542.852 ug/l
RT: 5.469 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

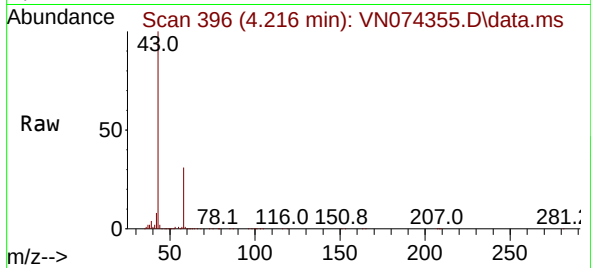
Tgt Ion: 53 Resp: 2097825
Ion Ratio Lower Upper
53 100
52 82.5 41.8 125.4
51 35.9 19.0 57.0





#15
Acetone
Concen: 504.402 ug/l
RT: 4.216 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

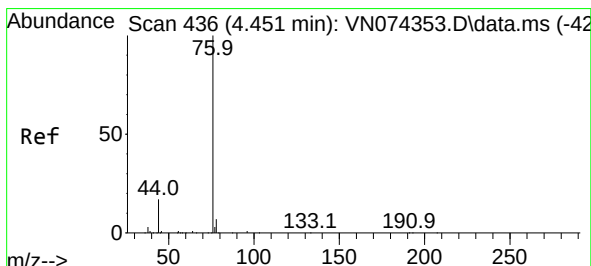
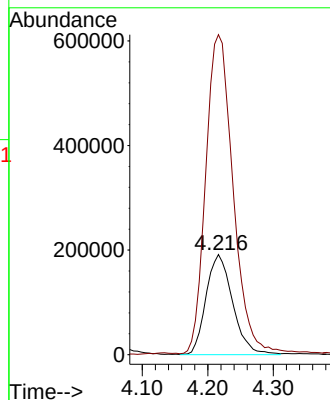
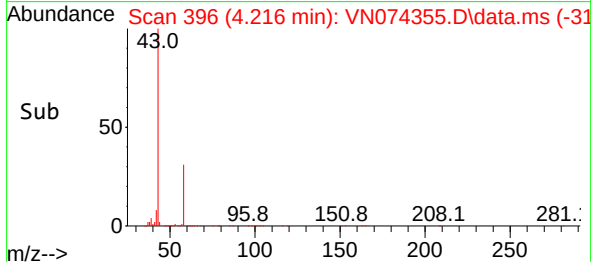
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC100



Tgt Ion: 58 Resp: 539868
Ion Ratio Lower Upper
58 100
43 319.0 256.6 384.8

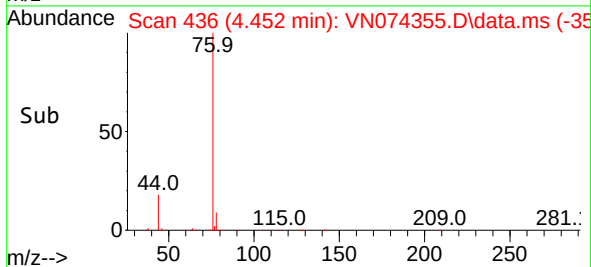
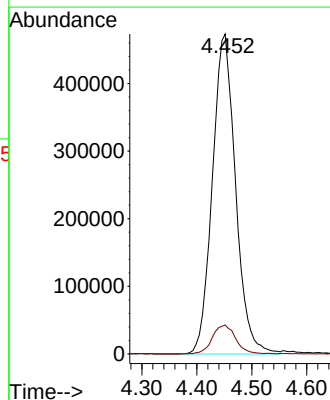
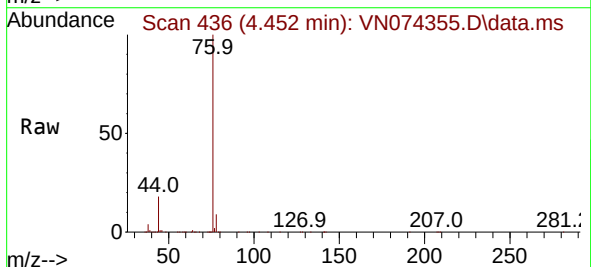
Manual Integrations
APPROVED

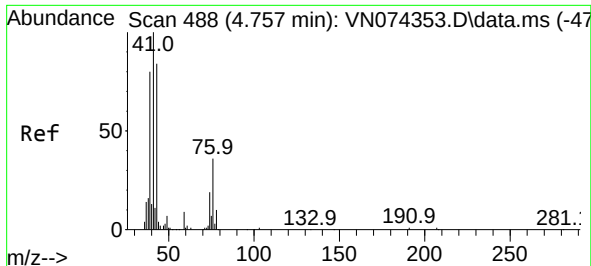
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#16
Carbon Disulfide
Concen: 102.382 ug/l
RT: 4.452 min Scan# 436
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

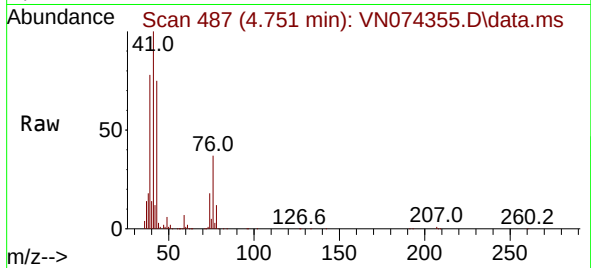
Tgt Ion: 76 Resp: 1386592
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.8





#17
 Allyl chloride
 Concen: 119.454 ug/l
 RT: 4.751 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VN074355.D
 Acq: 08 Sep 2022 13:36

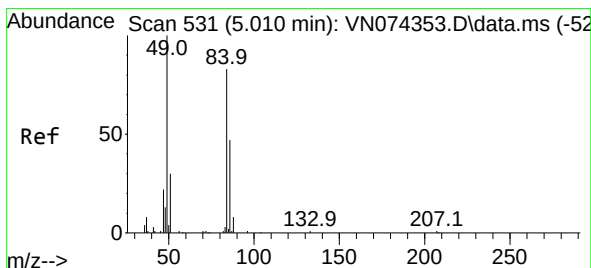
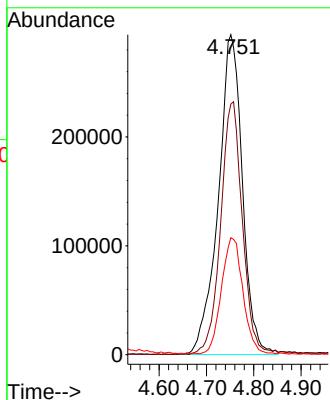
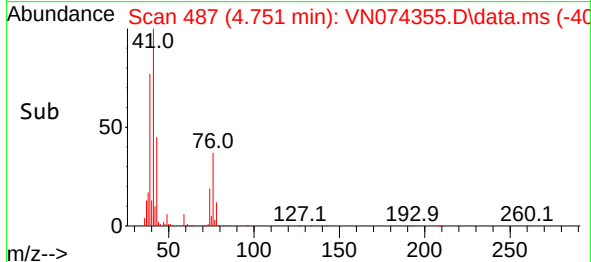
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 41 Resp: 103766
 Ion Ratio Lower Upper
 41 100
 39 78.3 44.6 134.0
 76 36.2 19.6 58.7

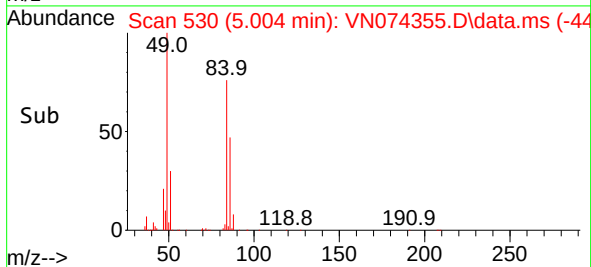
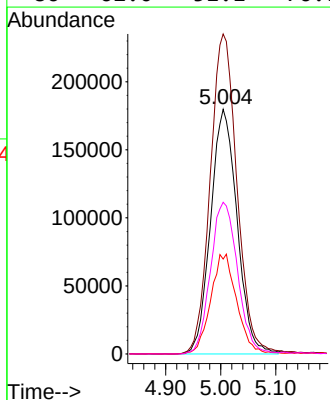
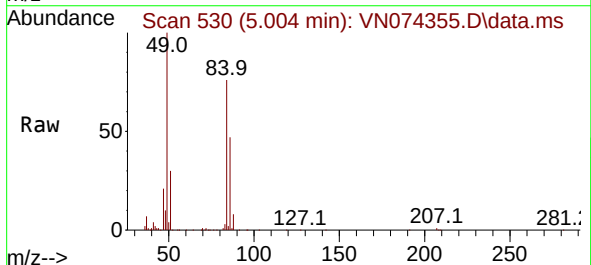
Manual Integrations
 APPROVED

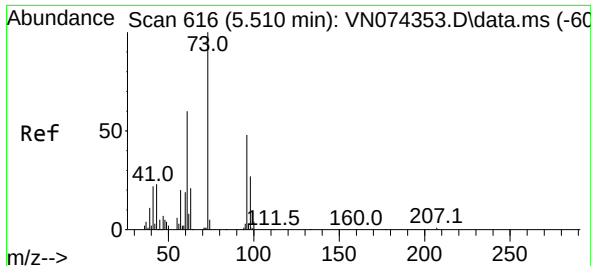
Reviewed By :John Carlone 09/09/2022
 Supervised By :Mahesh Dadoda 09/09/2022



#18
 Methylene Chloride
 Concen: 97.475 ug/l
 RT: 5.004 min Scan# 530
 Delta R.T. -0.006 min
 Lab File: VN074355.D
 Acq: 08 Sep 2022 13:36

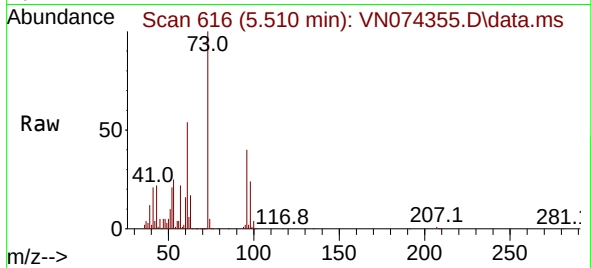
Tgt Ion: 84 Resp: 601581
 Ion Ratio Lower Upper
 84 100
 49 130.7 91.4 137.0
 51 38.8 29.4 44.0
 86 62.0 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 103.733 ug/l
RT: 5.510 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

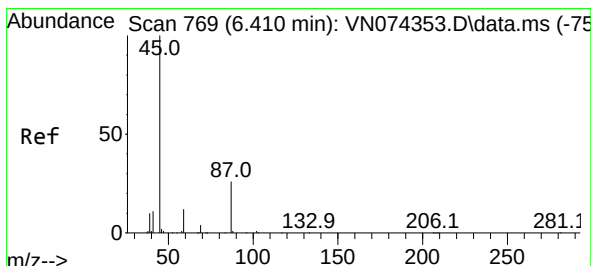
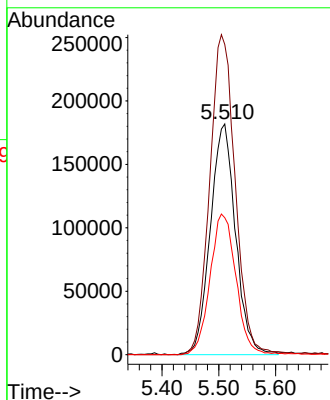
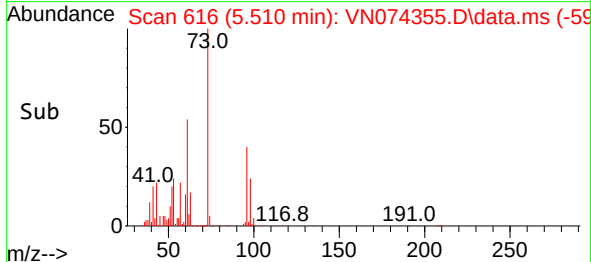
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



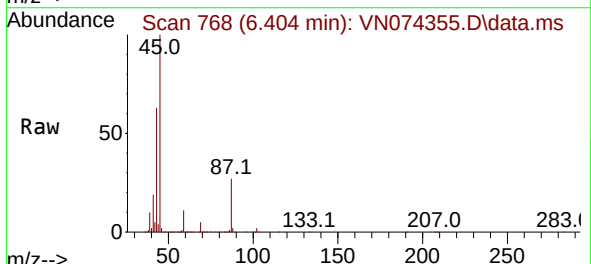
Tgt Ion: 96 Resp: 560859
Ion Ratio Lower Upper
96 100
61 134.5 102.8 154.2
98 59.3 49.3 73.9

Manual Integrations
APPROVED

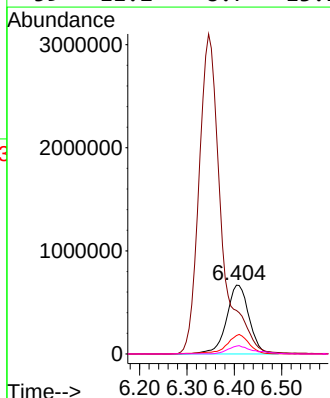
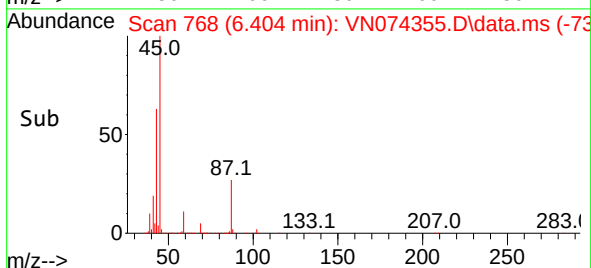
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

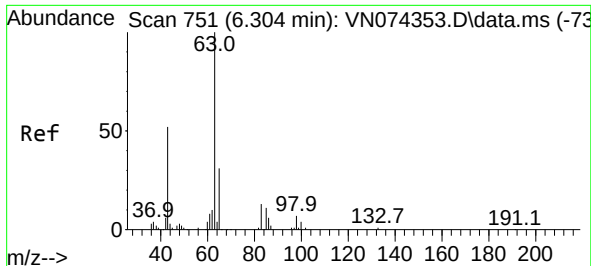


#20
Diisopropyl ether
Concen: 117.945 ug/l
RT: 6.404 min Scan# 768
Delta R.T. -0.006 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36



Tgt Ion: 45 Resp: 2200071
Ion Ratio Lower Upper
45 100
43 62.4 51.0 76.4
87 26.5 25.0 37.4
59 11.2 8.7 13.1





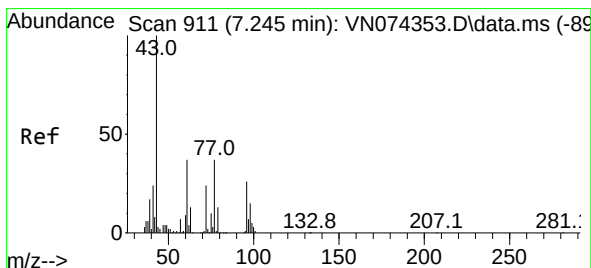
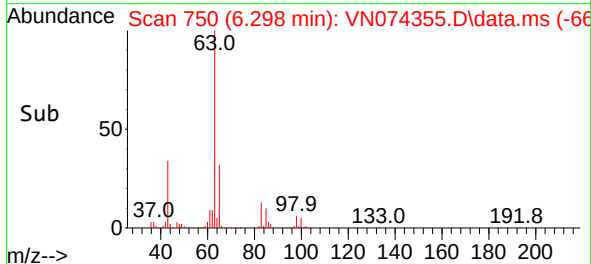
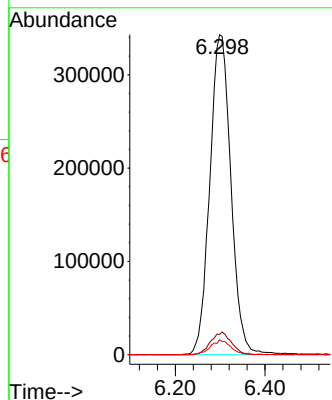
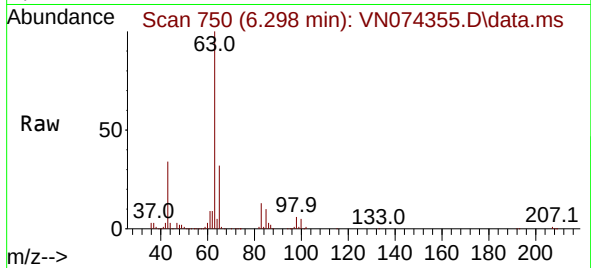
#21
1,1-Dichloroethane
Concen: 105.052 ug/l
RT: 6.298 min Scan# 751
Delta R.T. -0.006 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 63 Resp: 112107
Ion Ratio Lower Upper
63 100
98 6.4 3.2 9.6
100 4.6 2.1 6.2

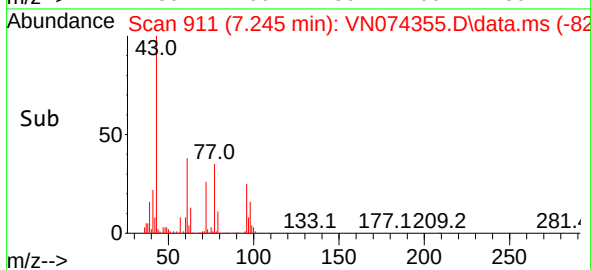
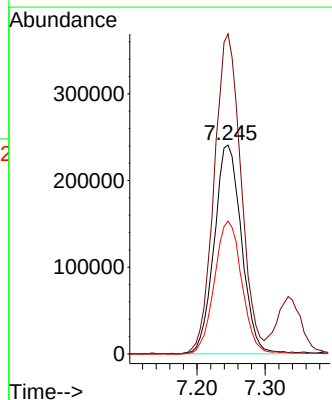
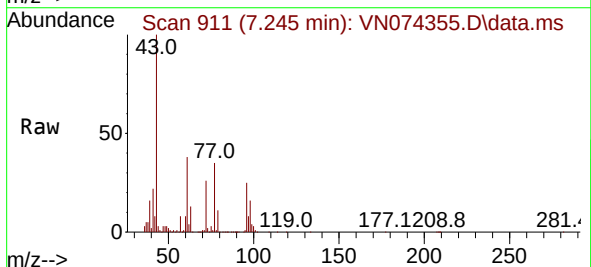
Manual Integrations
APPROVED

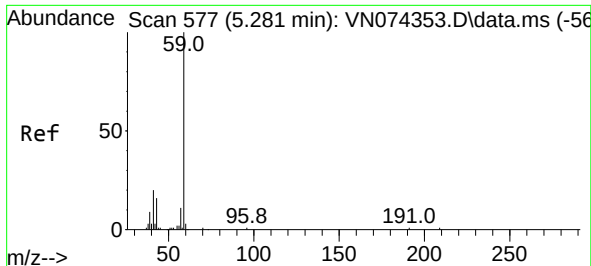
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#22
cis-1,2-Dichloroethene
Concen: 100.884 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

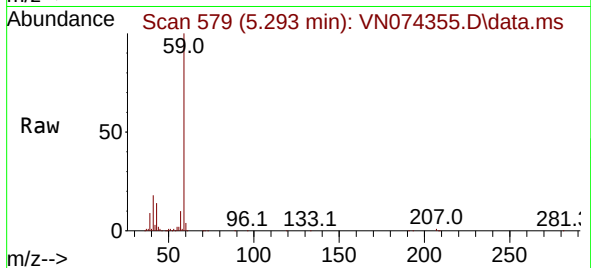
Tgt Ion: 96 Resp: 667735
Ion Ratio Lower Upper
96 100
61 151.3 115.7 173.5
98 64.3 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 626.773 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

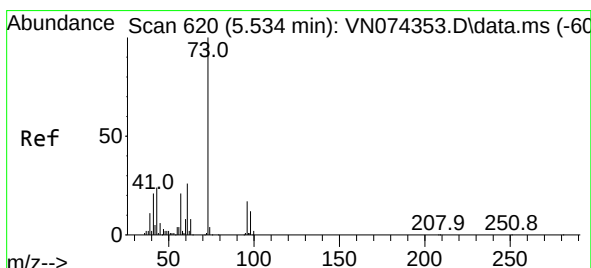
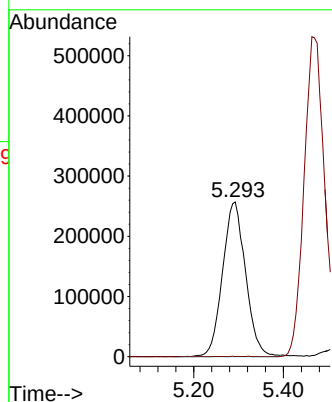
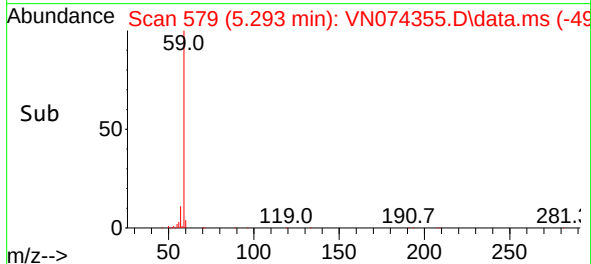
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



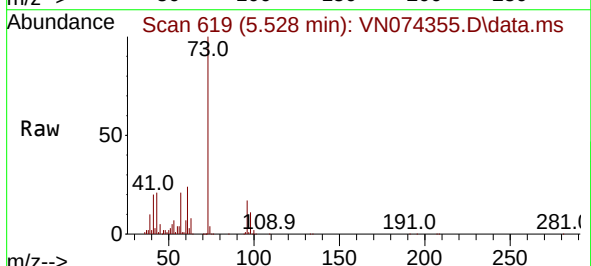
Tgt Ion: 59 Resp: 916714
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

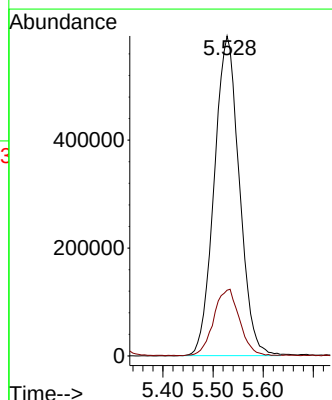
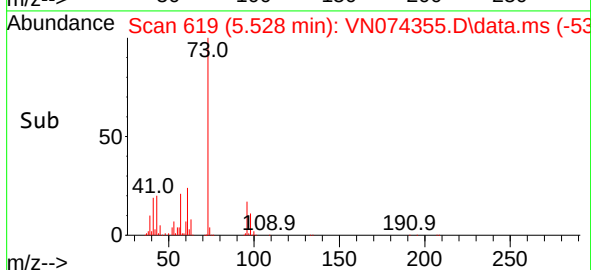
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

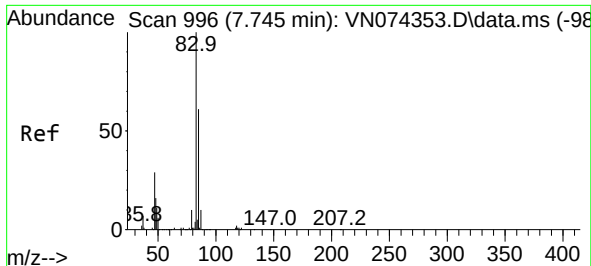


#24
Methyl tert-Butyl Ether
Concen: 114.381 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36



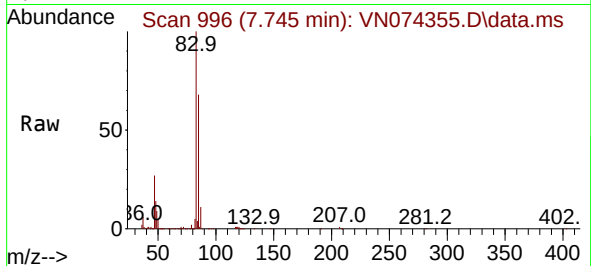
Tgt Ion: 73 Resp: 2063168
Ion Ratio Lower Upper
73 100
43 21.3 18.1 27.1





#25
Chloroform
Concen: 106.454 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

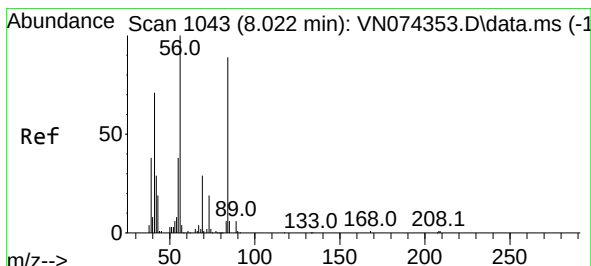
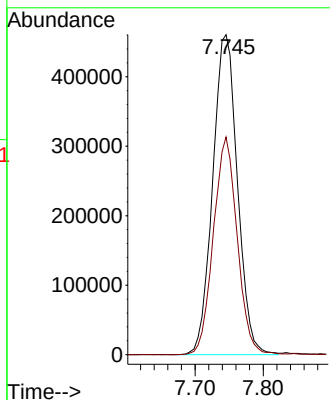
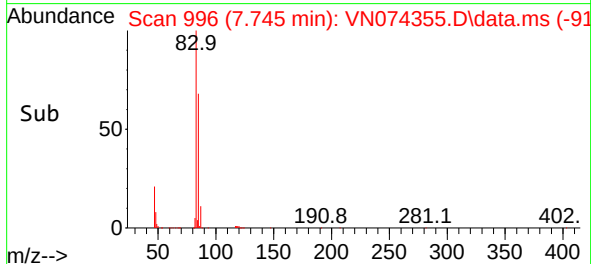
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



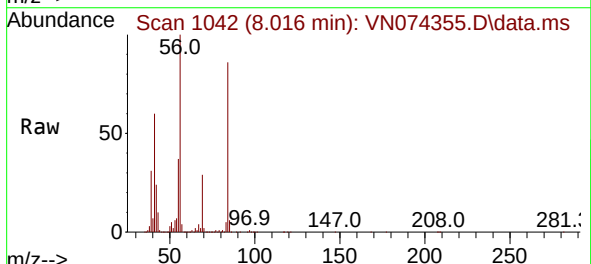
Tgt Ion: 83 Resp: 1164362
Ion Ratio Lower Upper
83 100
85 68.0 51.3 76.9

Manual Integrations
APPROVED

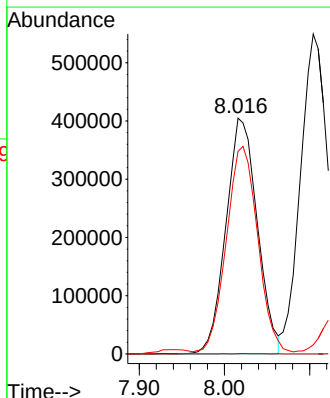
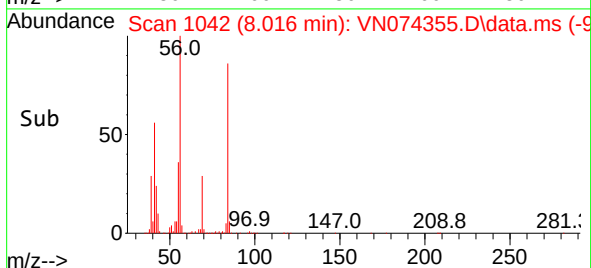
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

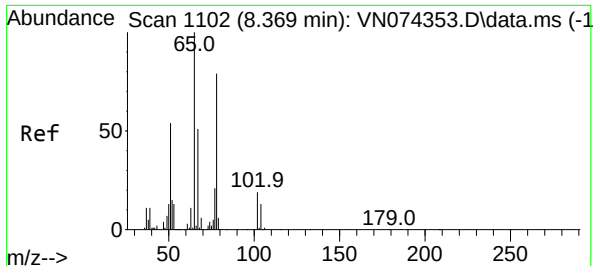


#26
Cyclohexane
Concen: 109.744 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36



Tgt Ion: 56 Resp: 1035744
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1#
84 88.9 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 31.655 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074355.D

Acq: 08 Sep 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 21905

Ion Ratio Lower Upper

65 100

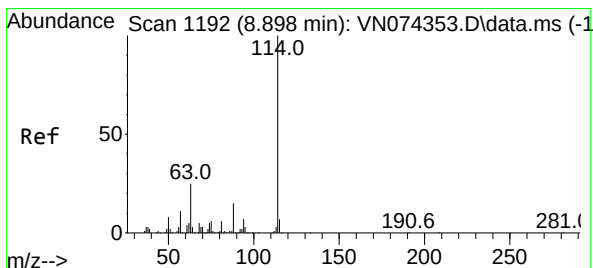
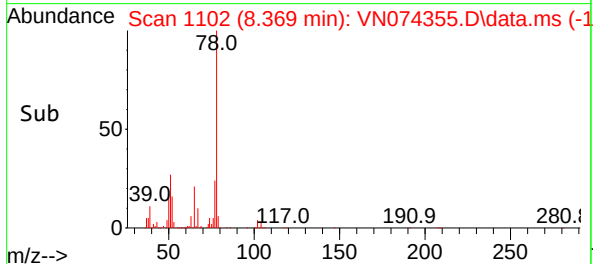
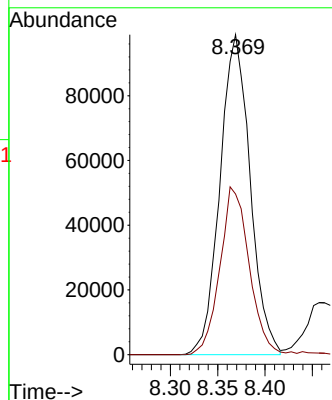
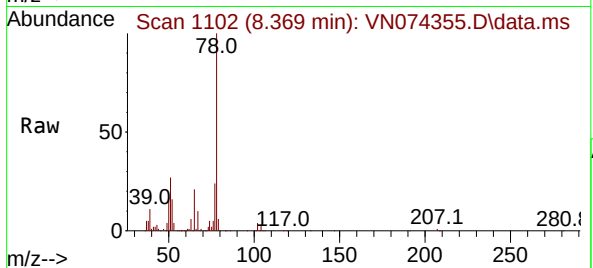
67 50.8 40.2 60.2

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: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN074355.D

Acq: 08 Sep 2022 13:36

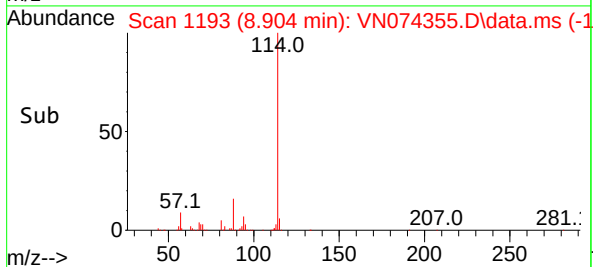
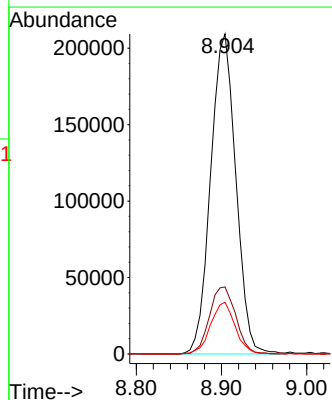
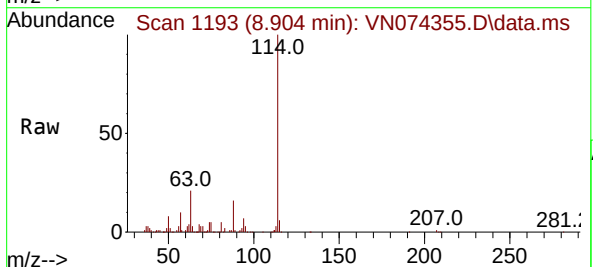
Tgt Ion:114 Resp: 430217

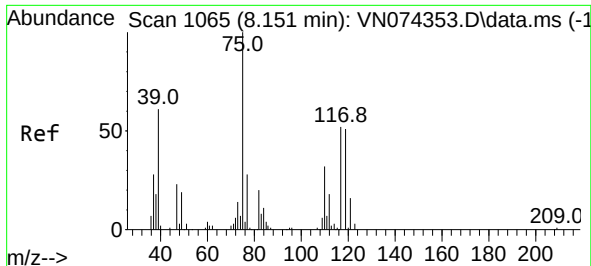
Ion Ratio Lower Upper

114 100

63 21.8 15.8 23.6

88 15.7 11.6 17.4





#29

1,1-Dichloropropene

Concen: 104.756 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VN074355.D

Acq: 08 Sep 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 75 Resp: 857450

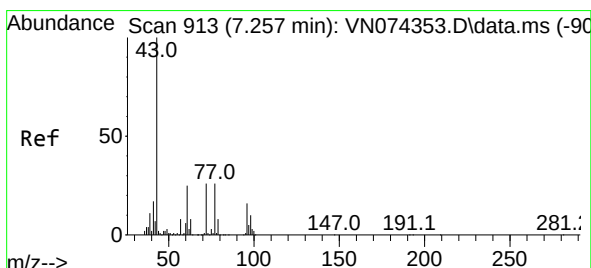
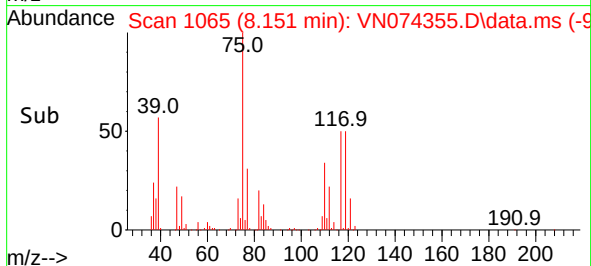
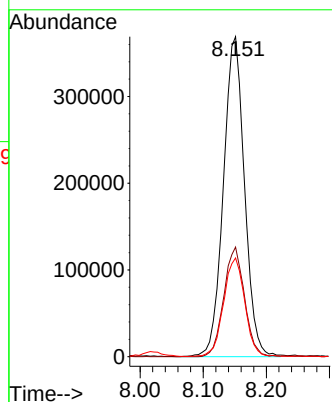
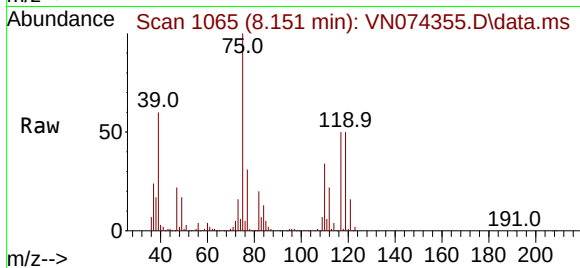
Ion	Ratio	Lower	Upper
75	100		
110	33.4	0.0	74.2
77	31.0	0.0	63.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#30

2-Butanone

Concen: 535.504 ug/l

RT: 7.257 min Scan# 913

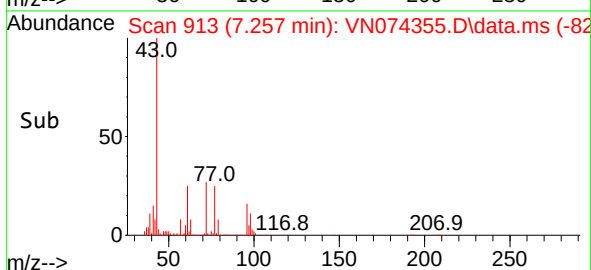
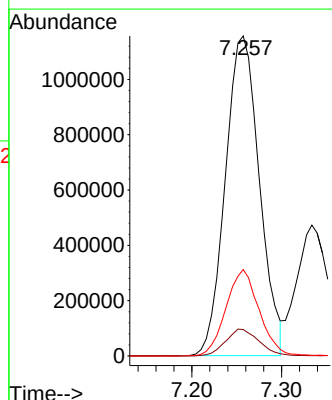
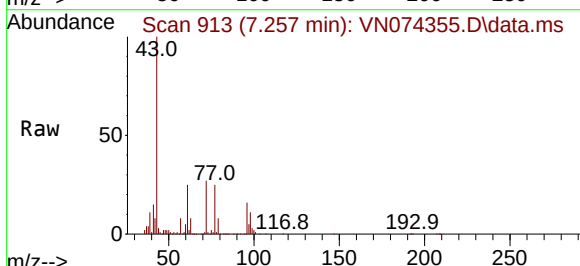
Delta R.T. 0.000 min

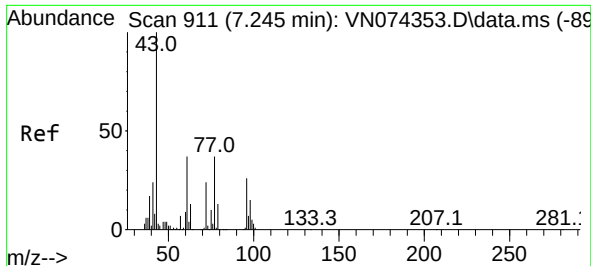
Lab File: VN074355.D

Acq: 08 Sep 2022 13:36

Tgt Ion: 43 Resp: 3050583

Ion	Ratio	Lower	Upper
43	100		
57	8.3	6.7	10.1
72	26.5	23.2	34.8





#31

2,2-Dichloropropane

Concen: 113.746 ug/l

RT: 7.245 min Scan# 911

Delta R.T. 0.000 min

Lab File: VN074355.D

Acq: 08 Sep 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 77 Resp: 101512

Ion Ratio Lower Upper

77 100

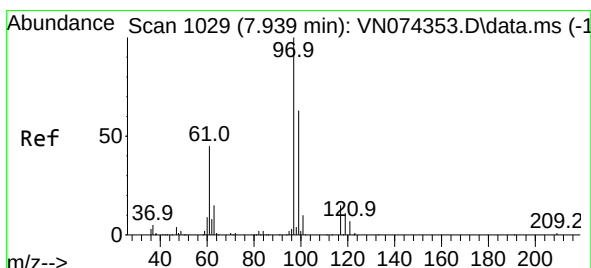
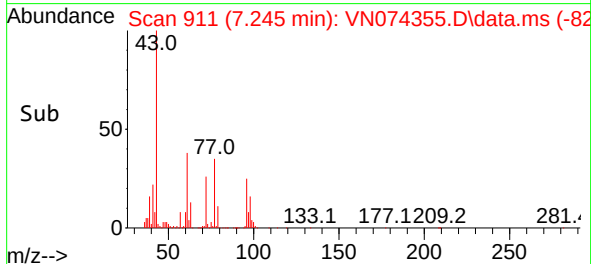
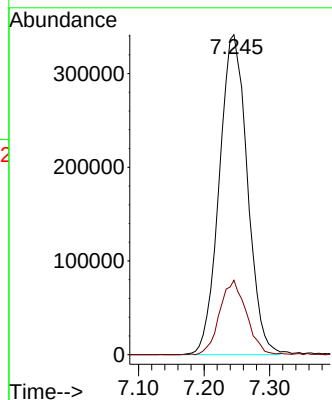
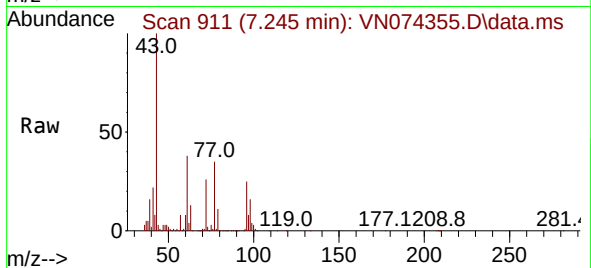
97 22.0 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#32

1,1,1-Trichloroethane

Concen: 111.718 ug/l

RT: 7.940 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VN074355.D

Acq: 08 Sep 2022 13:36

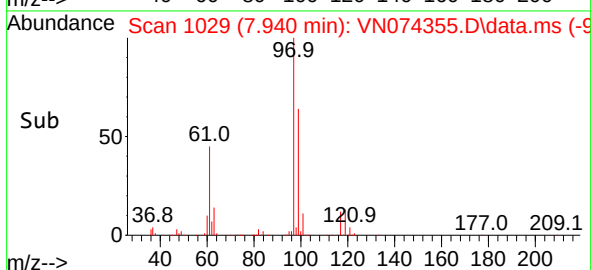
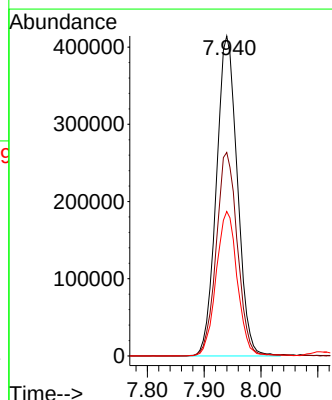
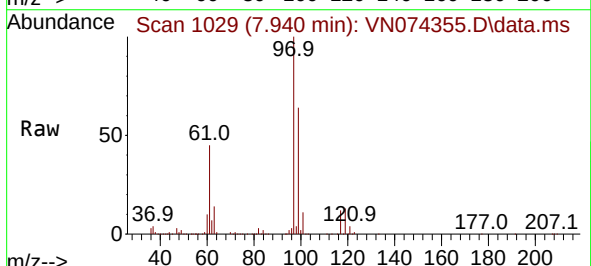
Tgt Ion: 97 Resp: 1065863

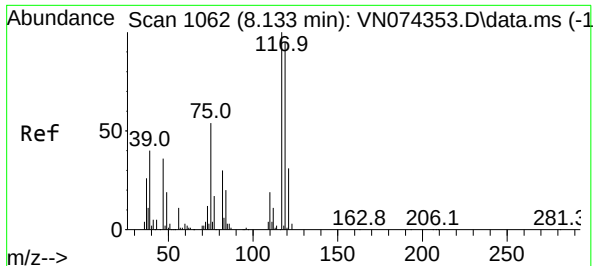
Ion Ratio Lower Upper

97 100

99 64.1 50.4 75.6

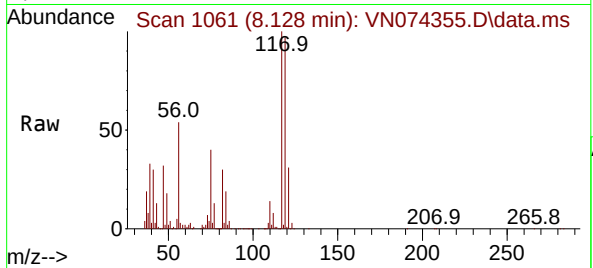
61 45.4 34.6 51.8





#33
Carbon Tetrachloride
Concen: 110.377 ug/l
RT: 8.128 min Scan# 1061
Delta R.T. -0.006 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

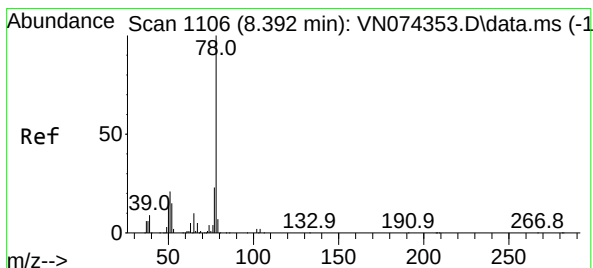
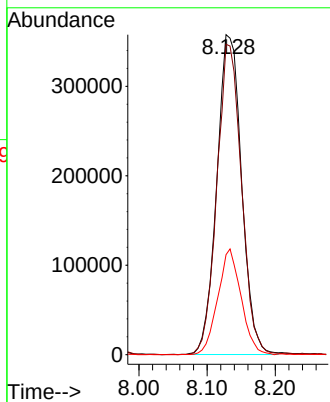
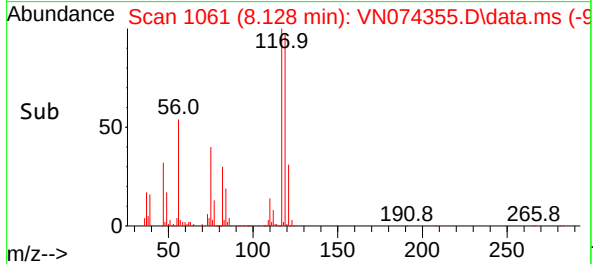
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



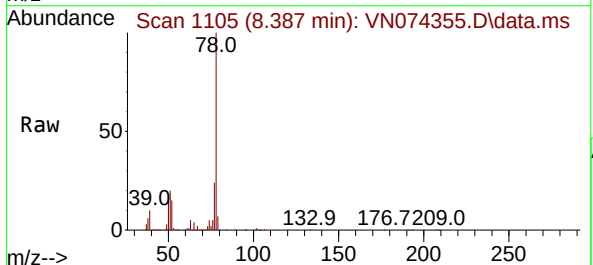
Tgt Ion:117 Resp: 905415
Ion Ratio Lower Upper
117 100
119 97.0 77.5 116.3
121 31.3 23.5 35.3

Manual Integrations
APPROVED

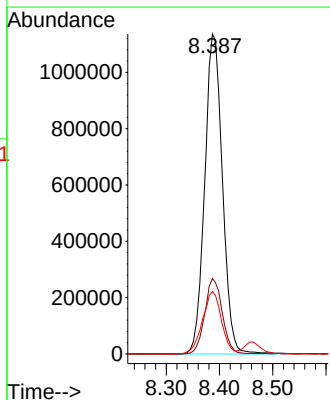
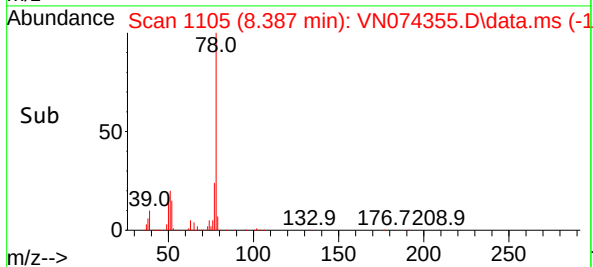
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

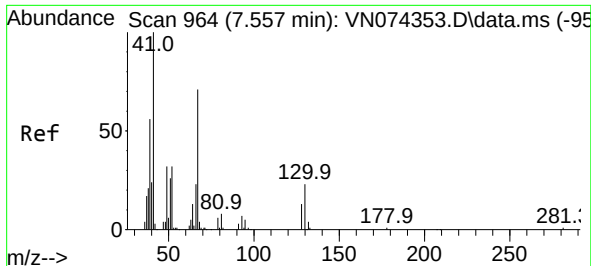


#34
Benzene
Concen: 100.683 ug/l
RT: 8.387 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36



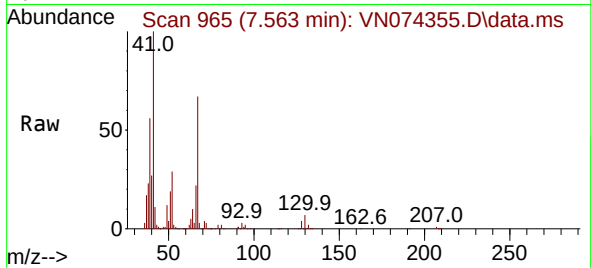
Tgt Ion: 78 Resp: 2630136
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7
51 19.5 16.0 24.0





#35
Methacrylonitrile
Concen: 124.717 ug/l
RT: 7.563 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

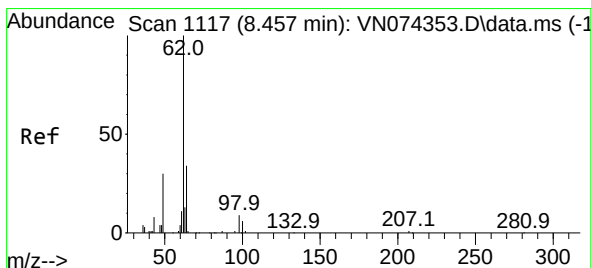
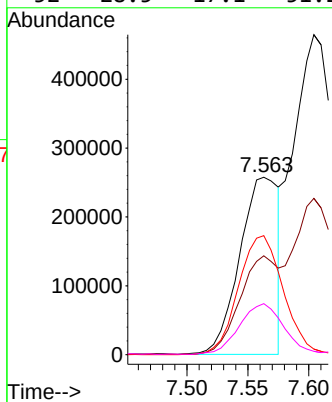
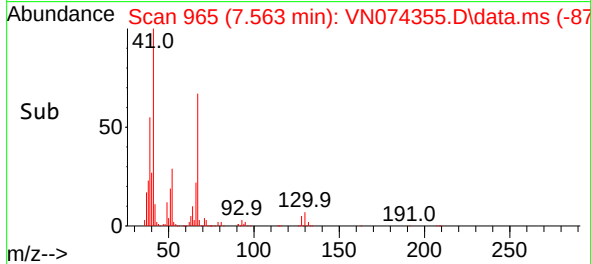
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC100



Tgt Ion: 41 Resp: 570644
Ion Ratio Lower Upper
41 100
39 55.6 28.0 83.9
67 67.2 37.7 113.1
52 28.5 17.1 51.2

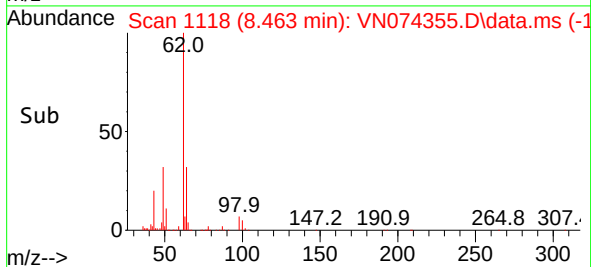
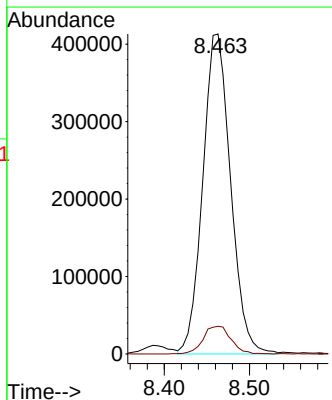
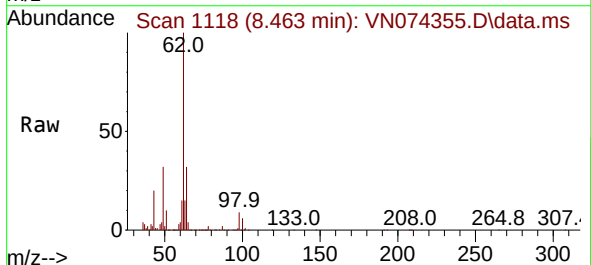
Manual Integrations
APPROVED

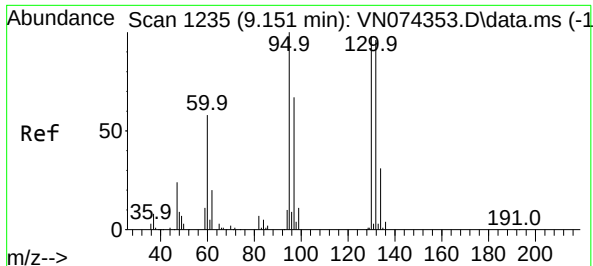
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#36
1,2-Dichloroethane
Concen: 106.743 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.006 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

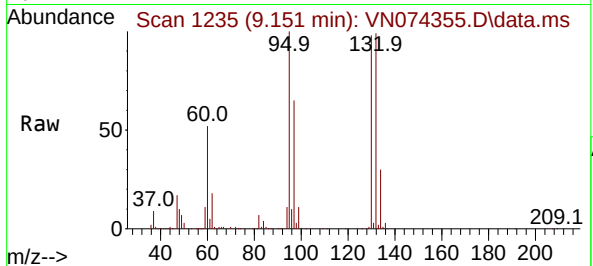
Tgt Ion: 62 Resp: 936981
Ion Ratio Lower Upper
62 100
98 8.7 6.6 10.0





#37
Trichloroethene
Concen: 95.330 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

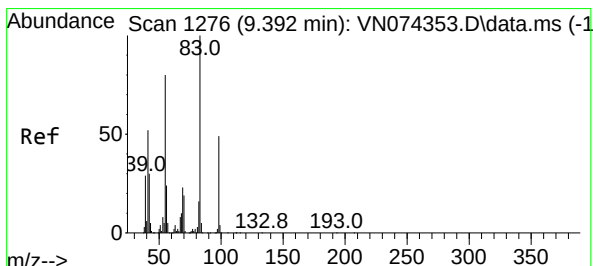
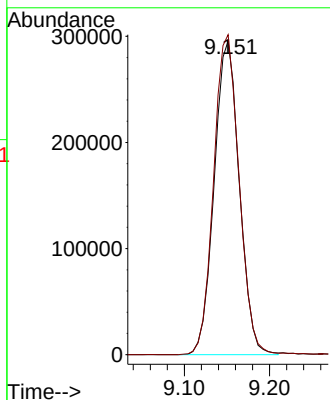
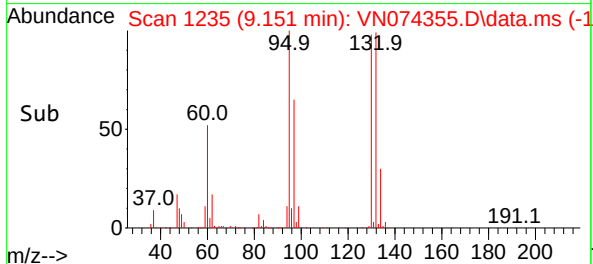
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



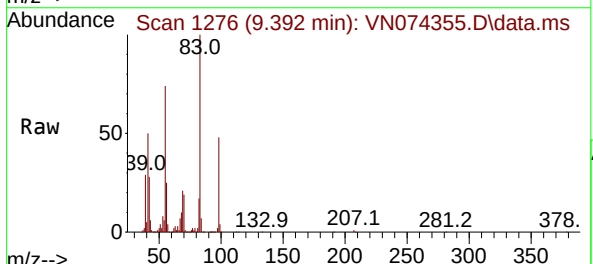
Tgt Ion:130 Resp: 606468
Ion Ratio Lower Upper
130 100
95 102.0 76.6 115.0

Manual Integrations
APPROVED

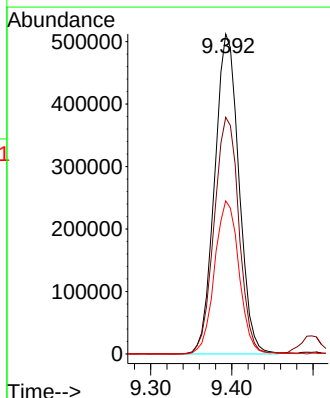
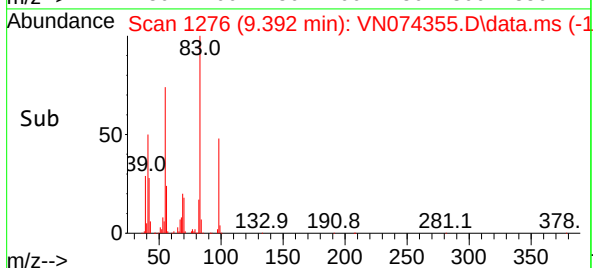
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

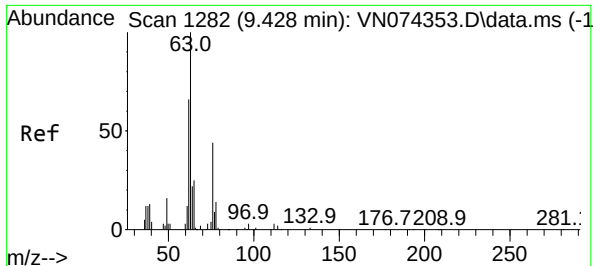


#38
Methylcyclohexane
Concen: 104.496 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36



Tgt Ion: 83 Resp: 1064890
Ion Ratio Lower Upper
83 100
55 75.3 35.1 105.3
98 48.3 23.4 70.2





#39

1,2-Dichloropropane

Concen: 102.083 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN074355.D

Acq: 08 Sep 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 676062

Ion Ratio Lower Upper

63 100

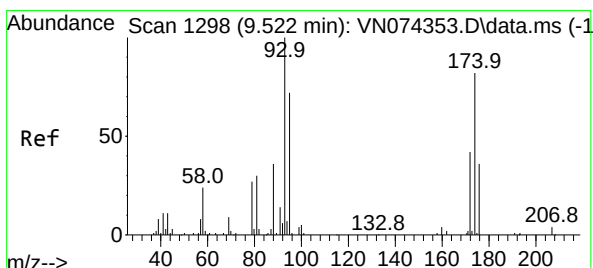
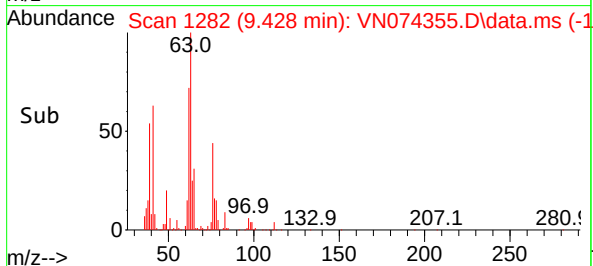
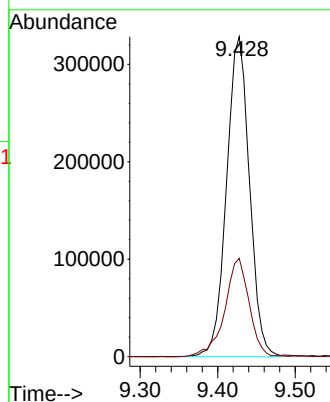
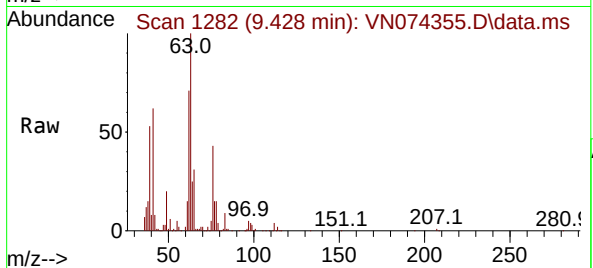
65 30.7 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#40

Dibromomethane

Concen: 105.041 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. -0.006 min

Lab File: VN074355.D

Acq: 08 Sep 2022 13:36

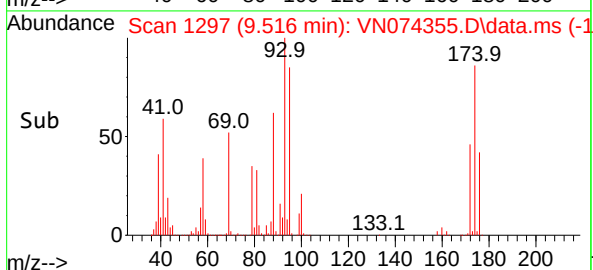
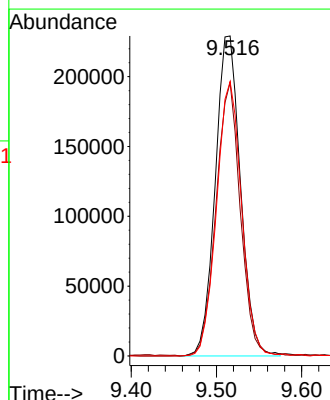
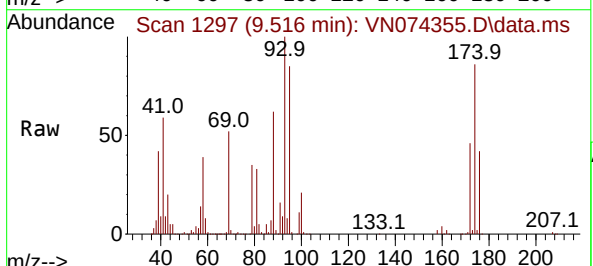
Tgt Ion: 93 Resp: 472197

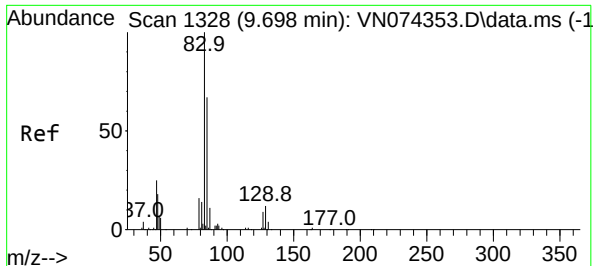
Ion Ratio Lower Upper

93 100

95 82.2 0.0 168.8

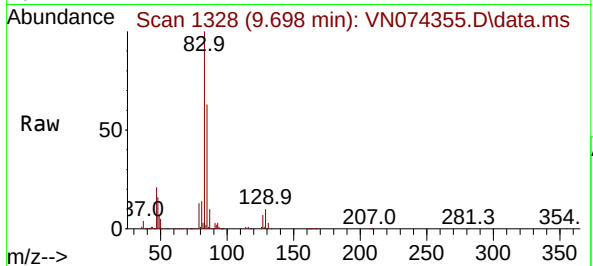
174 84.9 0.0 173.6





#41
Bromodichloromethane
Concen: 106.484 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

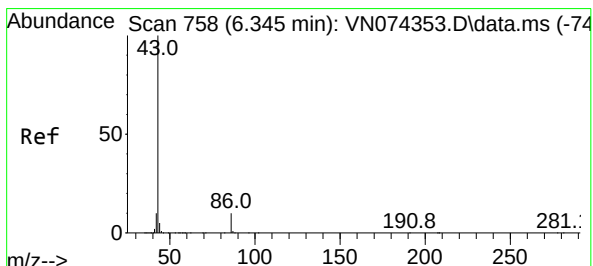
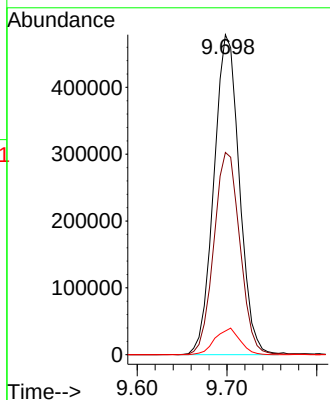
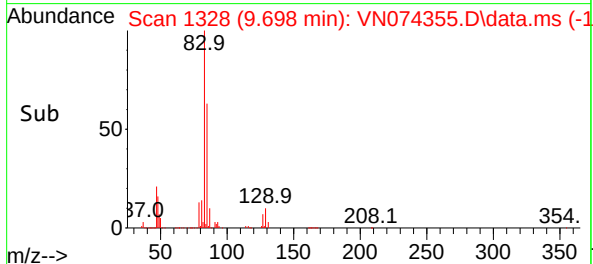
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



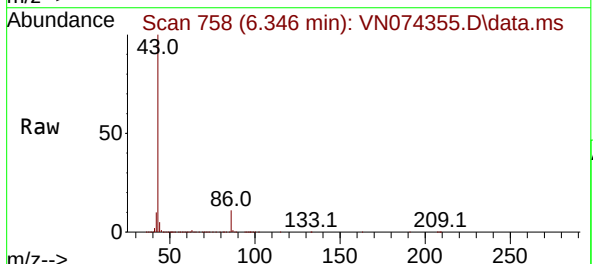
Tgt Ion: 83 Resp: 944760
Ion Ratio Lower Upper
83 100
85 63.2 54.1 81.1
127 7.4 7.6 11.4

Manual Integrations
APPROVED

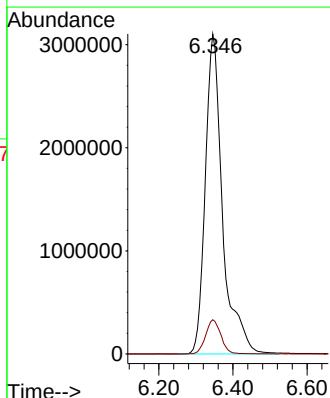
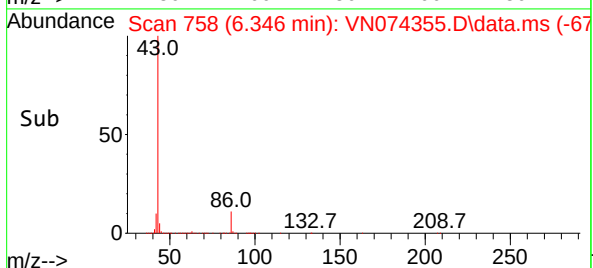
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

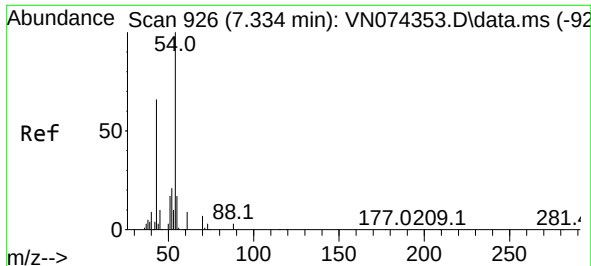


#42
Vinyl Acetate
Concen: 593.741 ug/l
RT: 6.346 min Scan# 758
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36



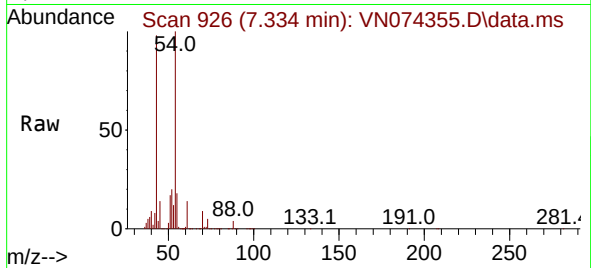
Tgt Ion: 43 Resp:10033868
Ion Ratio Lower Upper
43 100
86 9.5 7.5 11.3





#43
Ethyl Acetate
Concen: 110.494 ug/l
RT: 7.334 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

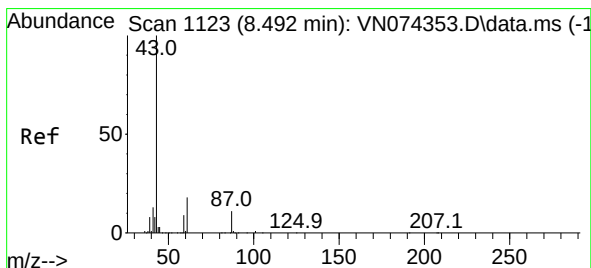
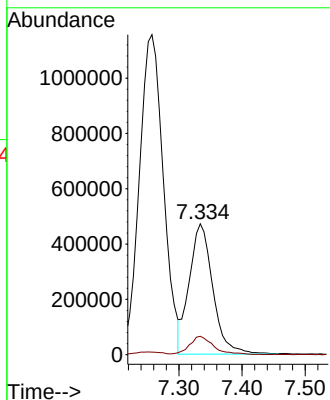
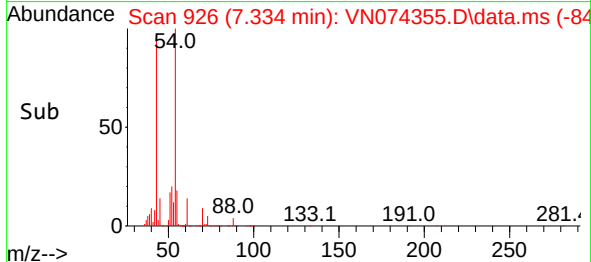
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



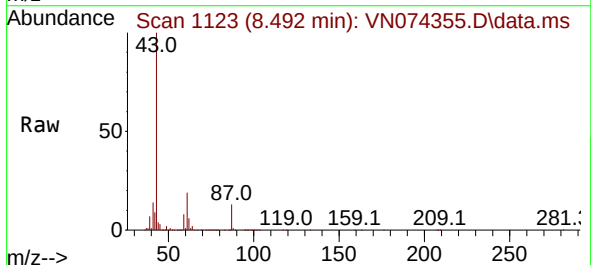
Tgt Ion: 43 Resp: 122580
Ion Ratio Lower Upper
43 100
45 14.2 10.6 16.0

Manual Integrations
APPROVED

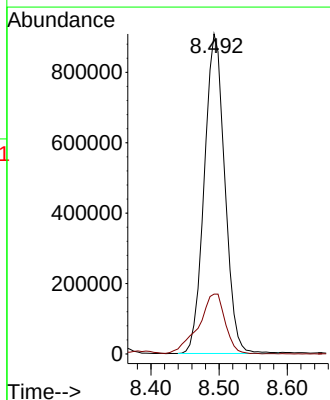
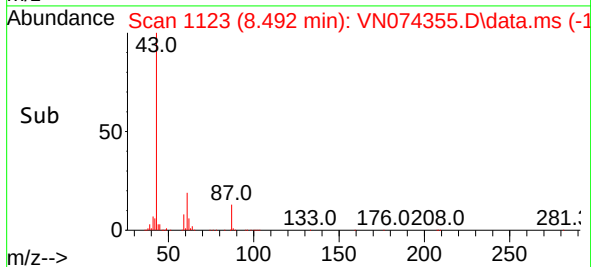
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

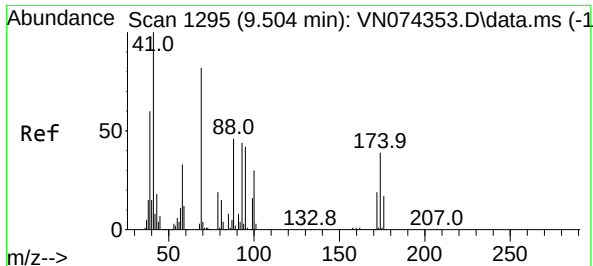


#44
Isopropyl Acetate
Concen: 121.358 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36



Tgt Ion: 43 Resp: 1898611
Ion Ratio Lower Upper
43 100
61 23.9 20.1 30.1





#45

1,4-Dioxane

Concen: 2119.912 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN074355.D

Acq: 08 Sep 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 88 Resp: 373910

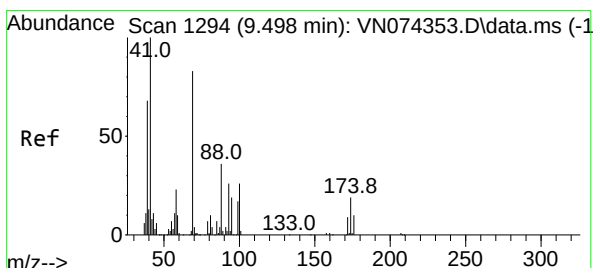
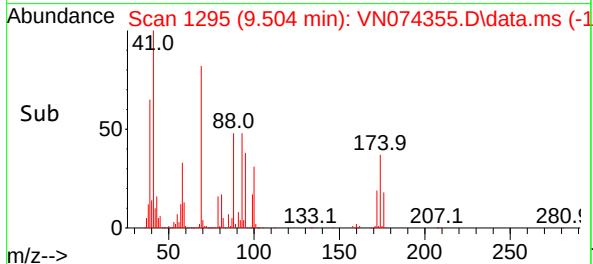
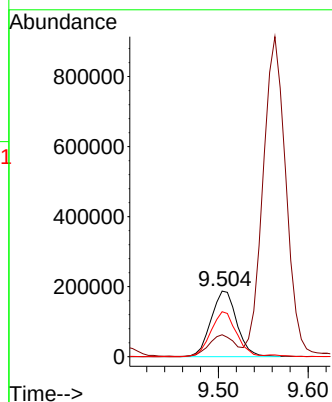
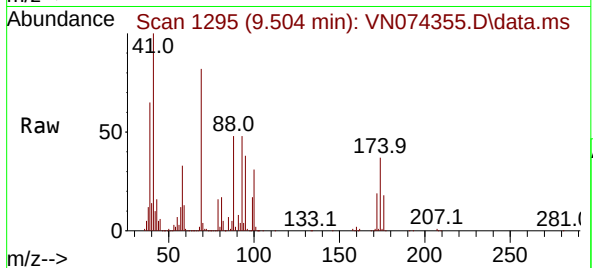
Ion	Ratio	Lower	Upper
88	100		
43	33.5	25.0	37.6
58	68.0	49.4	74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#46

Methyl methacrylate

Concen: 117.502 ug/l

RT: 9.498 min Scan# 1294

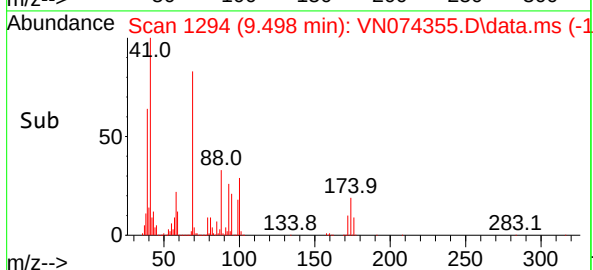
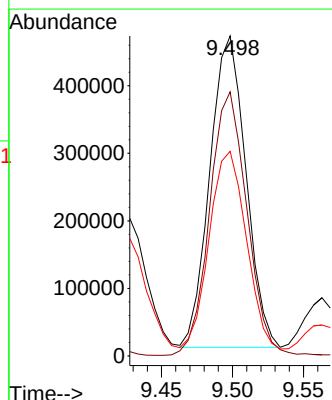
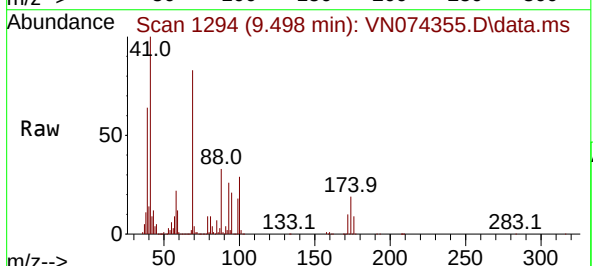
Delta R.T. 0.000 min

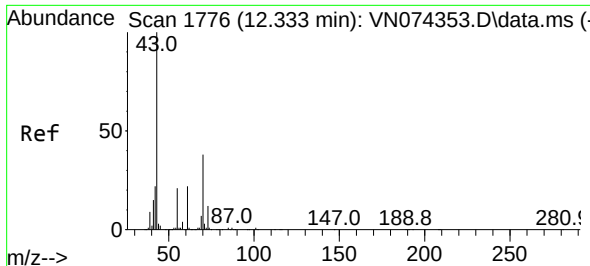
Lab File: VN074355.D

Acq: 08 Sep 2022 13:36

Tgt Ion: 41 Resp: 813666

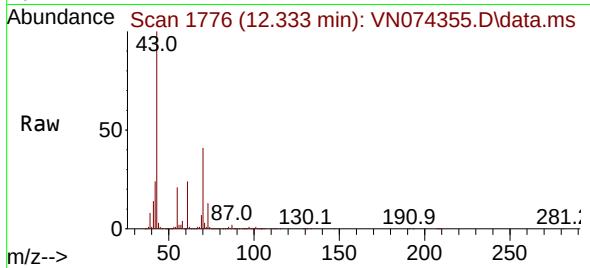
Ion	Ratio	Lower	Upper
41	100		
69	83.2	44.4	133.2
39	63.4	39.9	119.6





#47
n-amy1 Acetate
Concen: 138.981 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

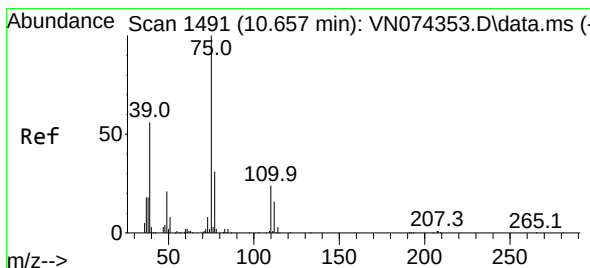
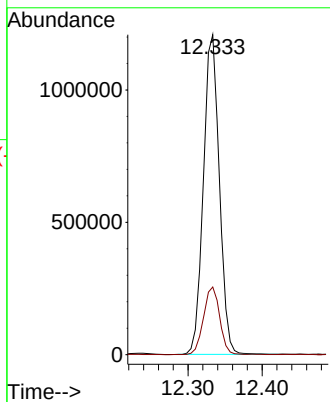
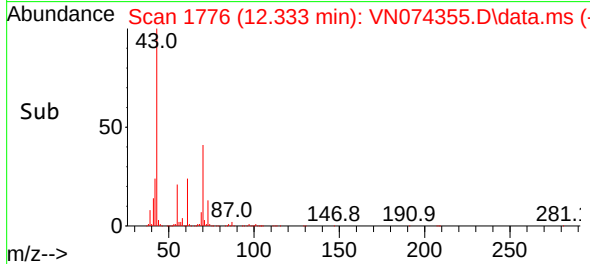
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



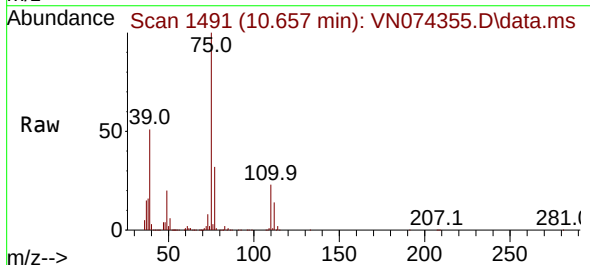
Tgt Ion: 43 Resp: 180418
Ion Ratio Lower Upper
43 100
55 21.4 19.0 28.6

Manual Integrations
APPROVED

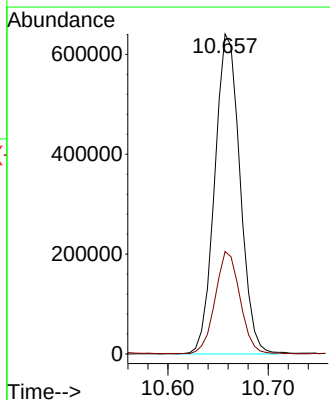
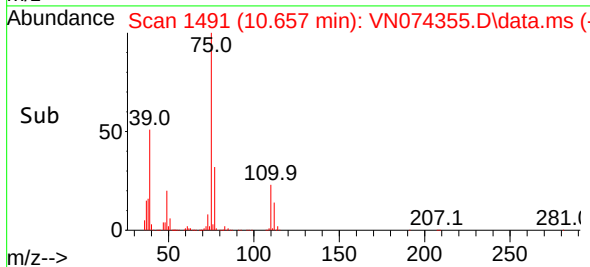
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

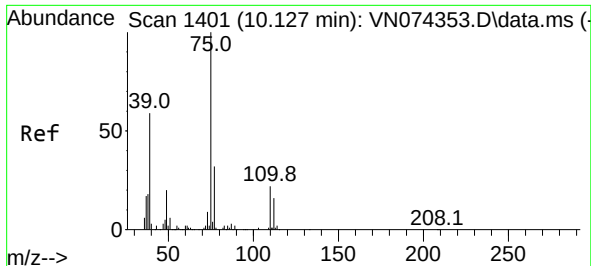


#48
t-1,3-Dichloropropene
Concen: 118.689 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36



Tgt Ion: 75 Resp: 1123079
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 110.887 ug/l

RT: 10.128 min Scan# 1401

Delta R.T. 0.000 min

Lab File: VN074355.D

Acq: 08 Sep 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 75 Resp: 113696

Ion Ratio Lower Upper

75 100

77 30.7 25.3 37.9

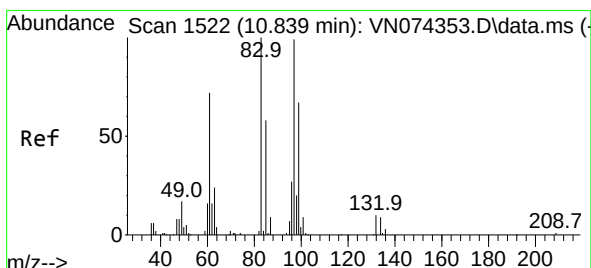
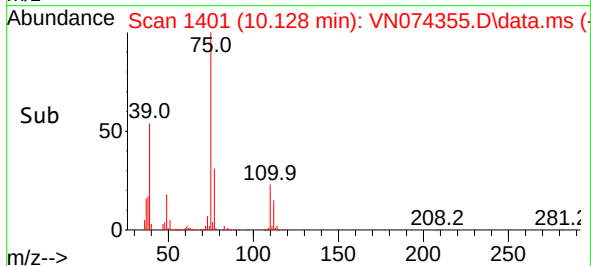
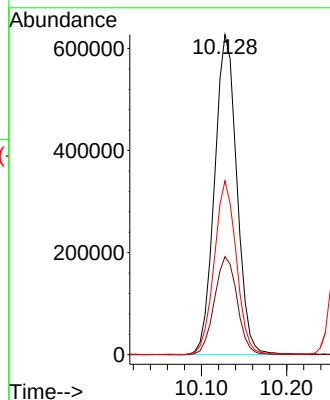
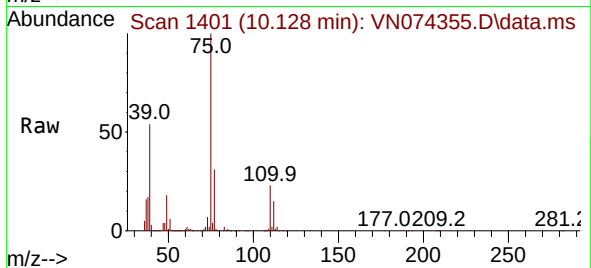
39 54.2 46.2 69.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#50

1,1,2-Trichloroethane

Concen: 101.456 ug/l

RT: 10.839 min Scan# 1522

Delta R.T. 0.000 min

Lab File: VN074355.D

Acq: 08 Sep 2022 13:36

Tgt Ion: 97 Resp: 677785

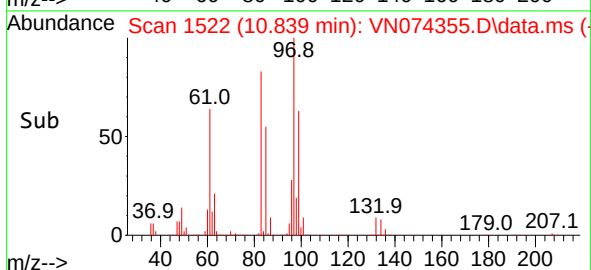
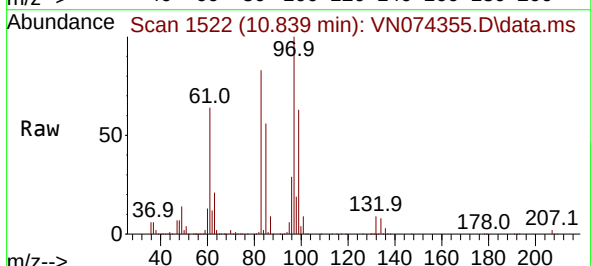
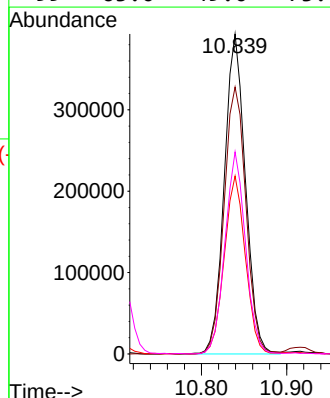
Ion Ratio Lower Upper

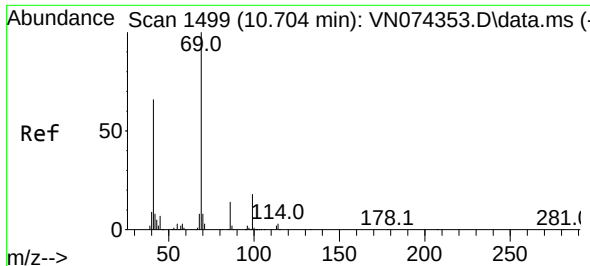
97 100

83 83.4 67.2 100.8

85 55.5 43.0 64.4

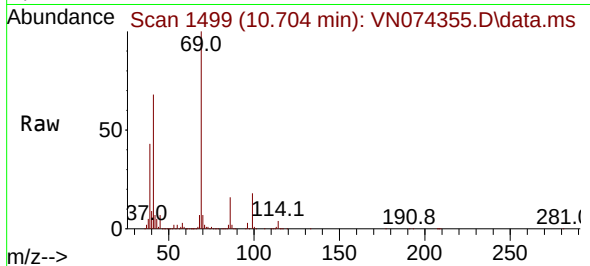
99 63.0 49.0 73.4





#51
Ethyl methacrylate
Concen: 116.689 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

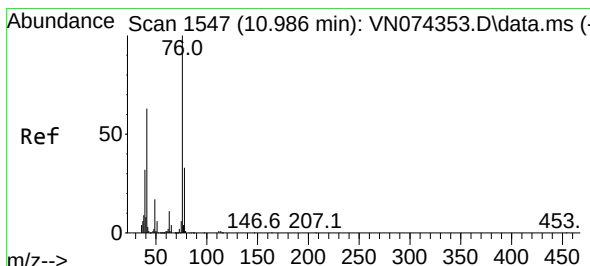
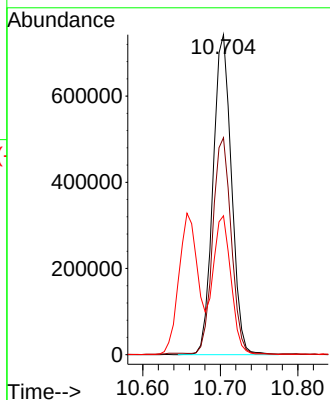
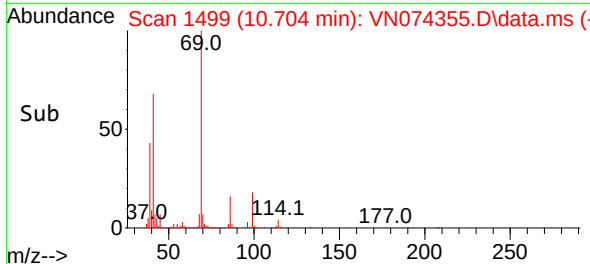
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 69 Resp: 1227820
Ion Ratio Lower Upper
69 100
41 67.6 33.0 98.9
39 43.3 25.4 76.4

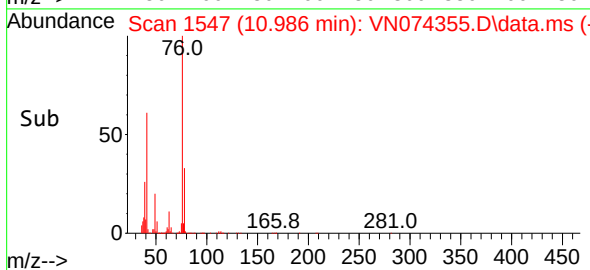
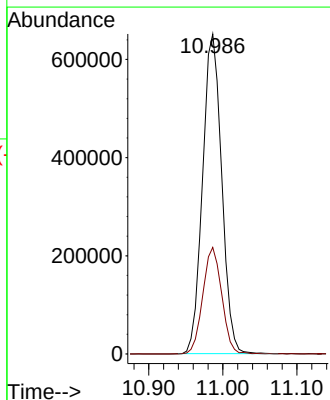
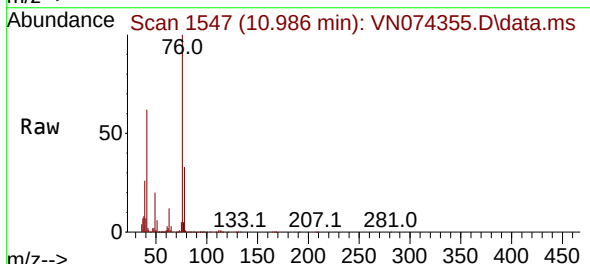
Manual Integrations
APPROVED

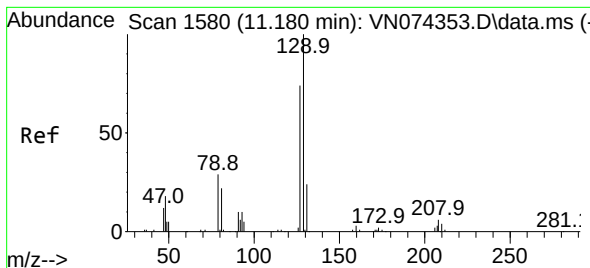
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#52
1,3-Dichloropropane
Concen: 102.058 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

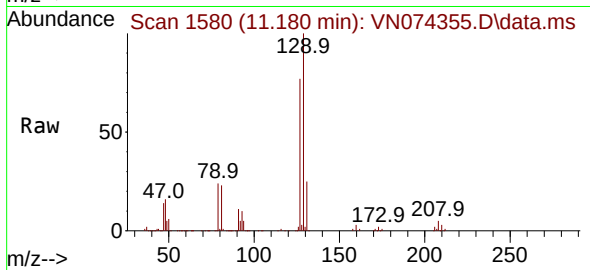
Tgt Ion: 76 Resp: 1164527
Ion Ratio Lower Upper
76 100
78 32.8 0.0 65.4





#53
Dibromochloromethane
Concen: 111.103 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

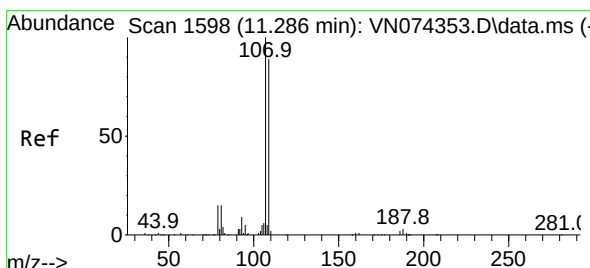
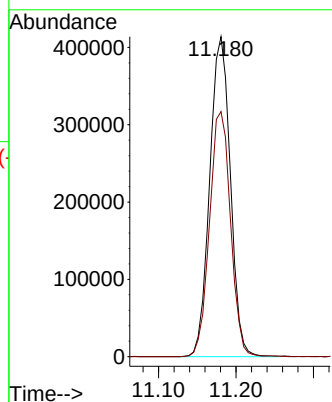
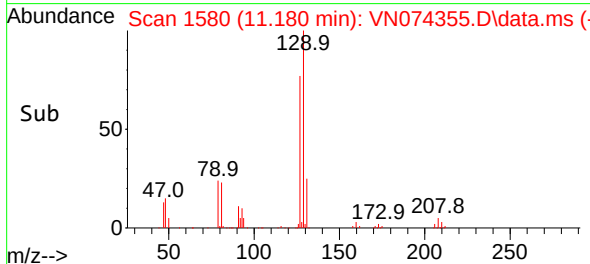
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



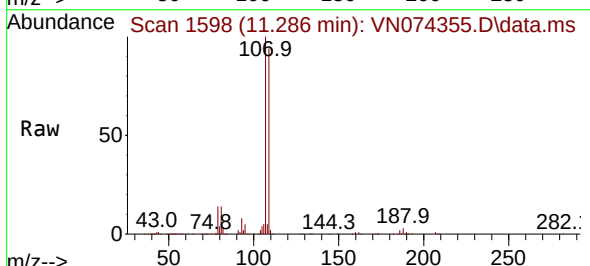
Tgt Ion:129 Resp: 764933
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0

Manual Integrations
APPROVED

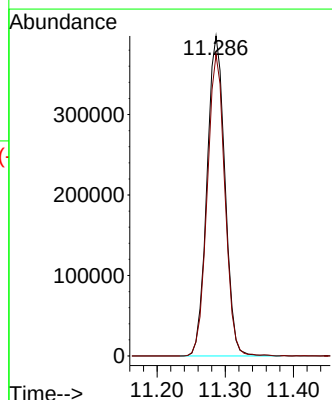
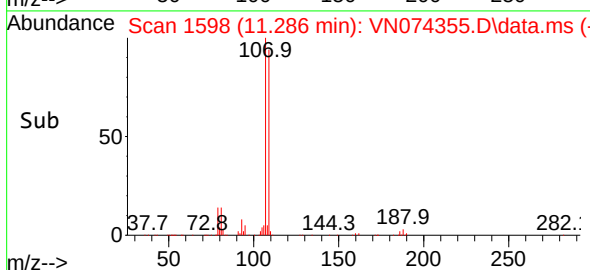
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

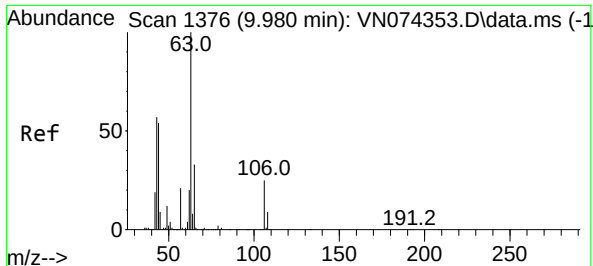


#54
1,2-Dibromoethane
Concen: 105.739 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36



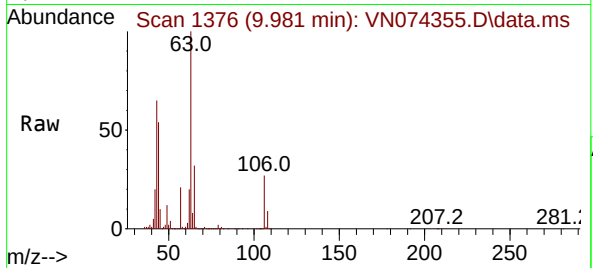
Tgt Ion:107 Resp: 726876
Ion Ratio Lower Upper
107 100
109 92.7 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 615.453 ug/l
RT: 9.981 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

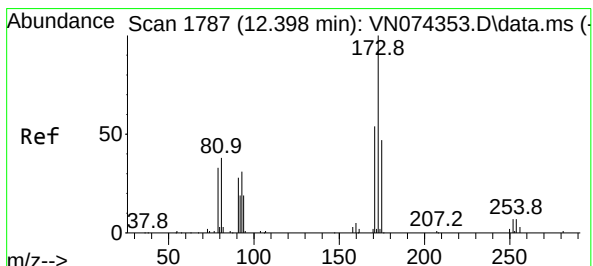
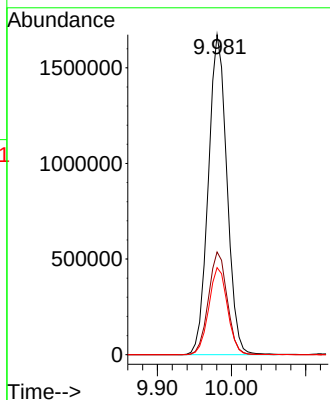
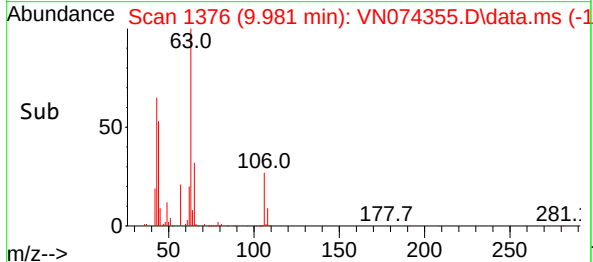
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 63 Resp: 2919179
Ion Ratio Lower Upper
63 100
65 32.2 25.4 38.0
106 27.3 23.2 34.8

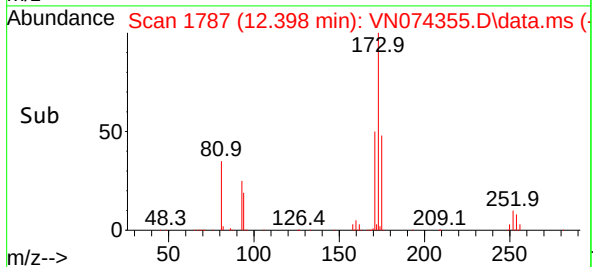
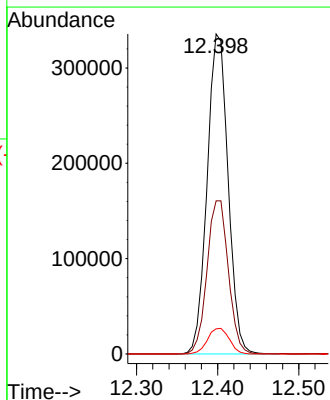
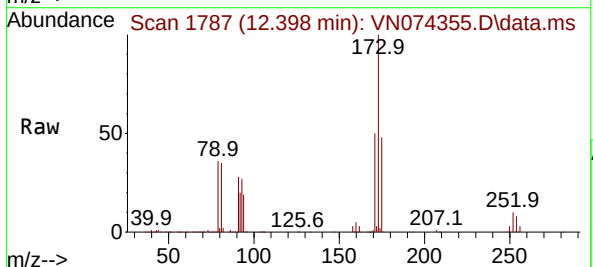
Manual Integrations
APPROVED

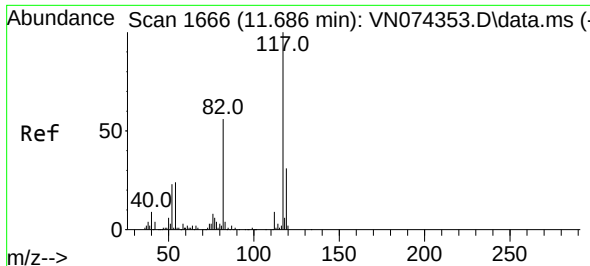
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#56
Bromoform
Concen: 111.928 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

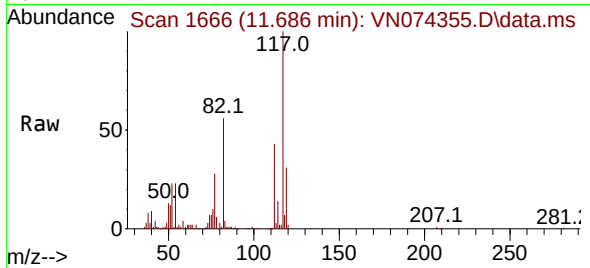
Tgt Ion:173 Resp: 601349
Ion Ratio Lower Upper
173 100
175 48.8 38.6 58.0
254 8.3 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

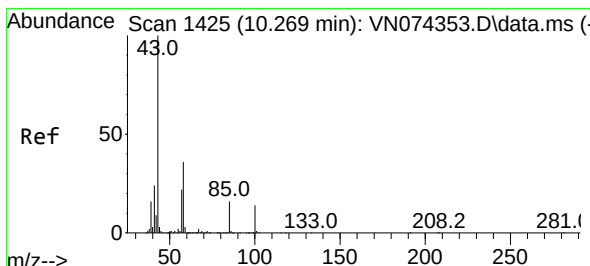
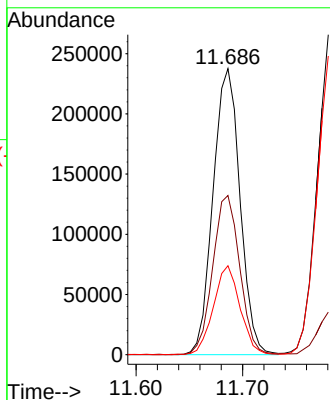
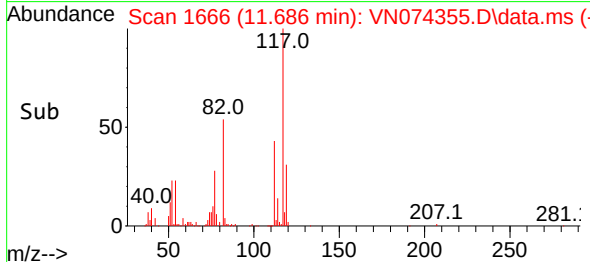
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 117 Resp: 41784
Ion Ratio Lower Upper
117 100
82 55.6 43.6 65.4
119 30.8 25.8 38.6

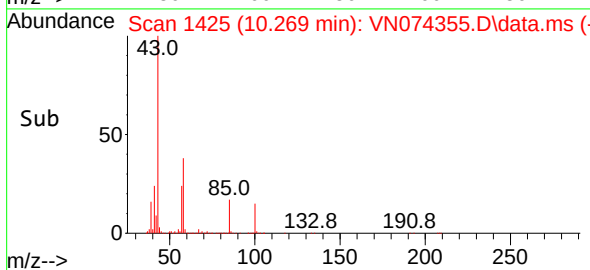
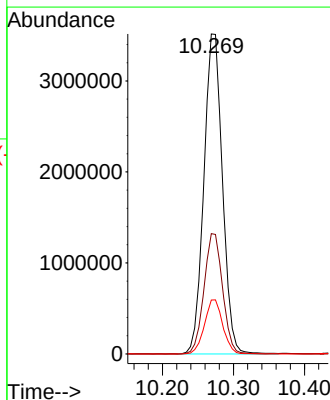
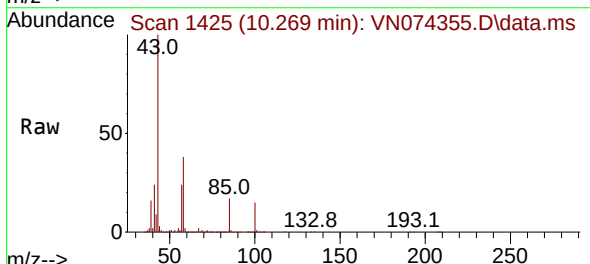
Manual Integrations
APPROVED

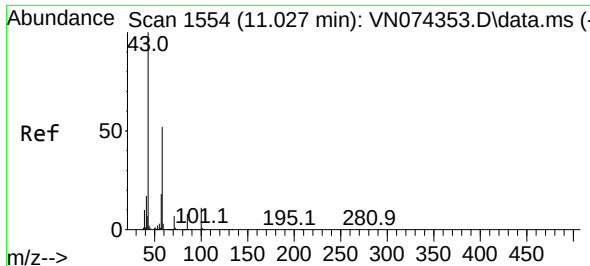
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#58
4-Methyl-2-Pentanone
Concen: 567.534 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

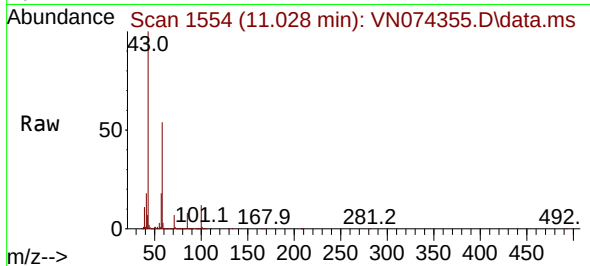
Tgt Ion: 43 Resp: 6399166
Ion Ratio Lower Upper
43 100
58 37.6 30.0 45.0
85 16.7 15.0 22.6





#59
2-Hexanone
Concen: 575.300 ug/l
RT: 11.028 min Scan# 1154
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

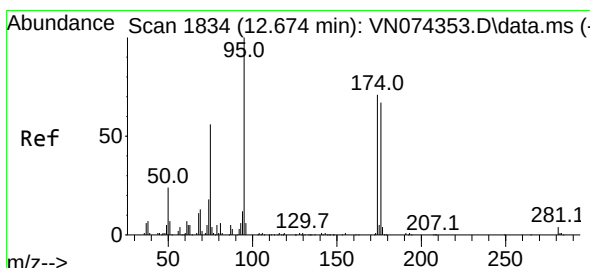
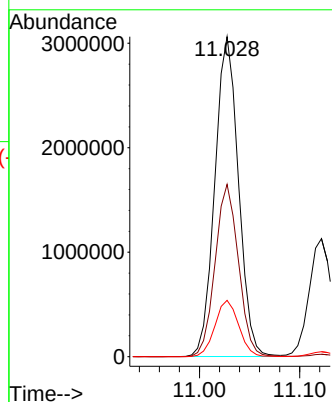
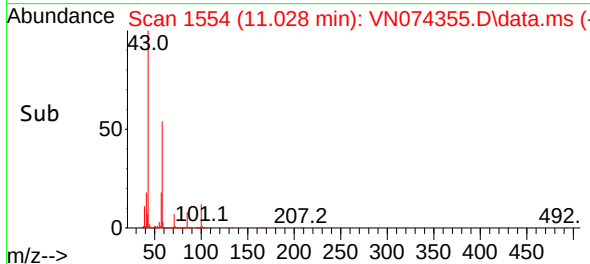
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



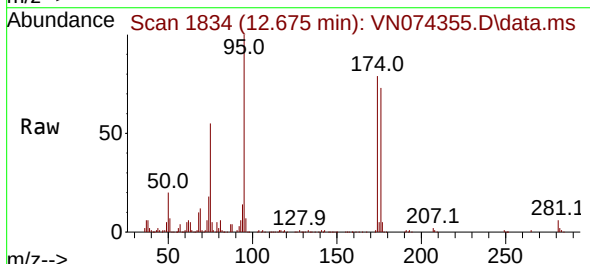
Tgt Ion: 43 Resp: 501161
Ion Ratio Lower Upper
43 100
58 53.3 42.2 63.2
57 17.8 15.0 22.4

Manual Integrations
APPROVED

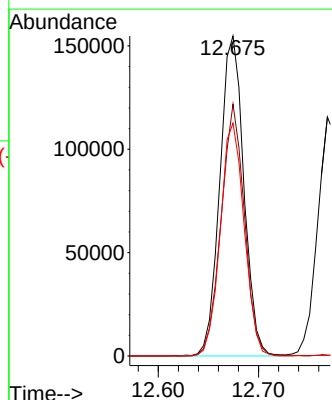
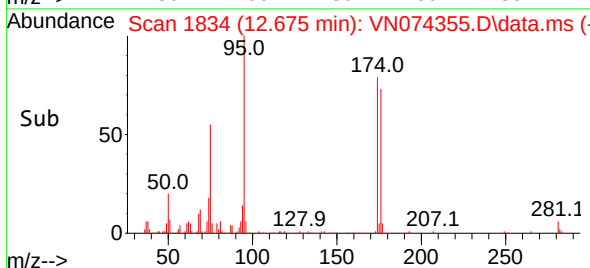
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

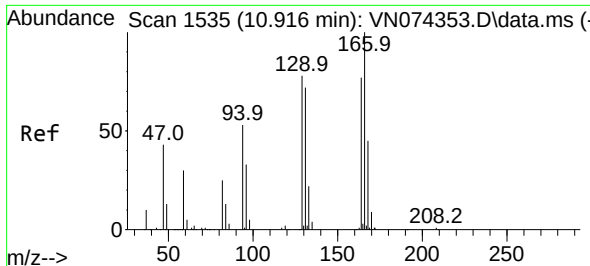


#60
4-Bromofluorobenzene
Concen: 33.788 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36



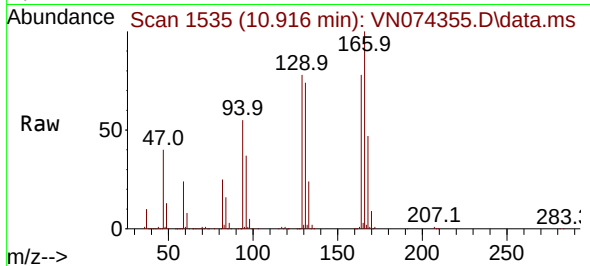
Tgt Ion: 95 Resp: 256802
Ion Ratio Lower Upper
95 100
174 76.1 62.9 94.3
176 72.7 61.0 91.4





#61
Tetrachloroethene
Concen: 82.860 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

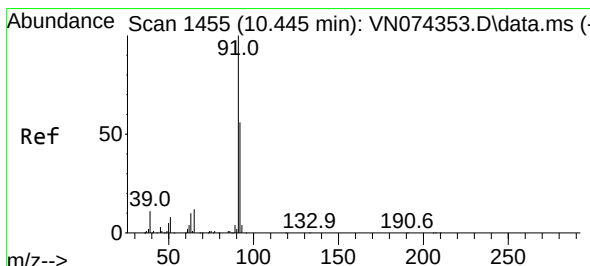
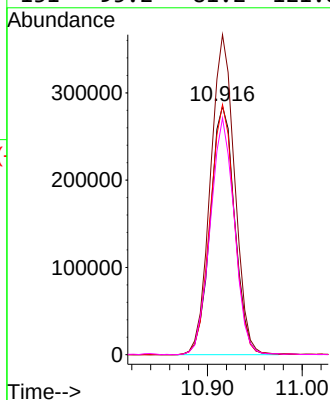
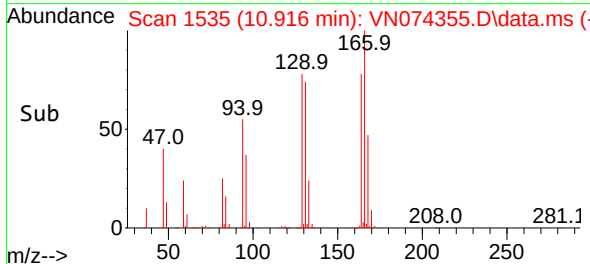
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



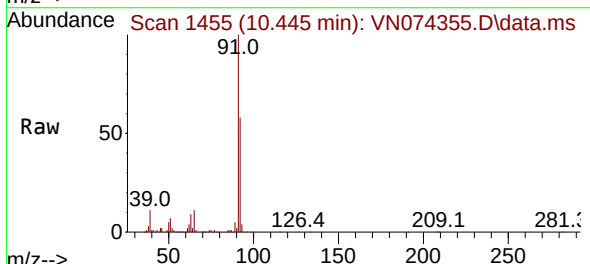
Tgt Ion:164 Resp: 50854
Ion Ratio Lower Upper
164 100
166 128.8 105.8 158.8
129 100.6 82.5 123.7
131 95.2 81.2 121.8

Manual Integrations
APPROVED

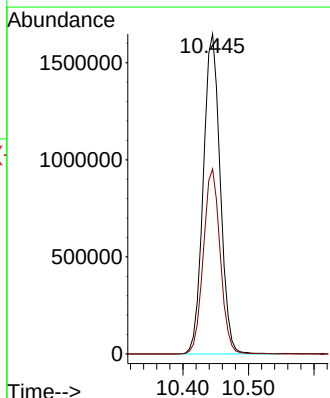
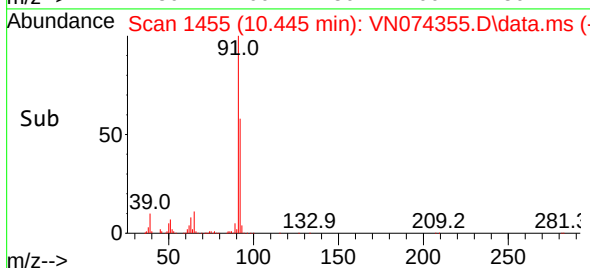
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

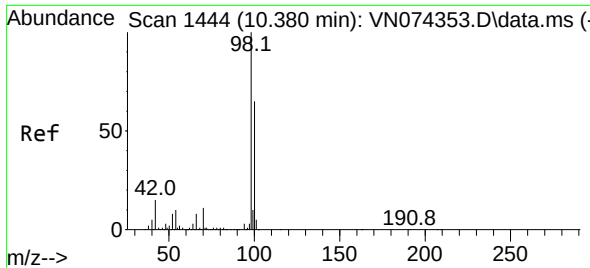


#62
Toluene
Concen: 100.872 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36



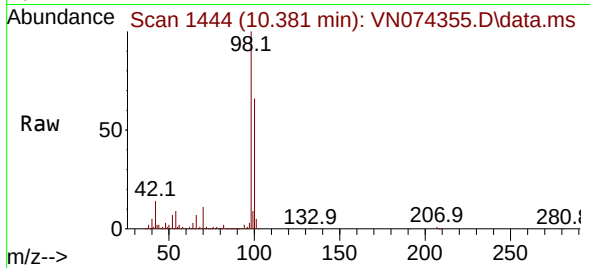
Tgt Ion: 91 Resp: 2955382
Ion Ratio Lower Upper
91 100
92 57.7 44.6 67.0





#63
Toluene-d8
Concen: 29.280 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

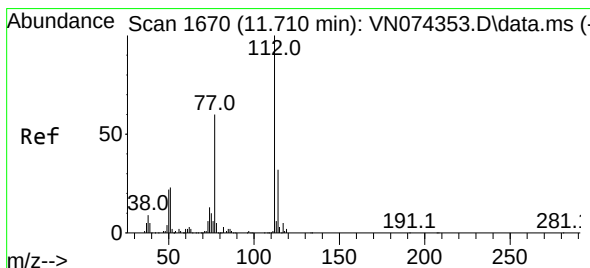
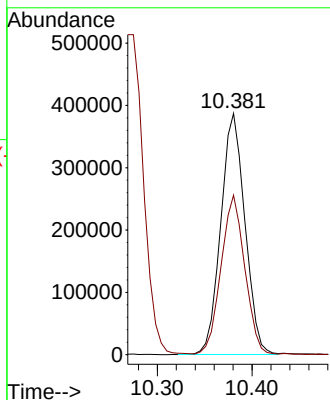
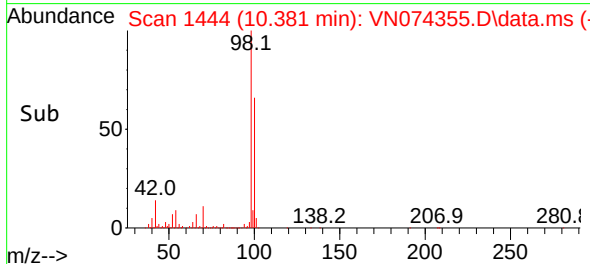
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



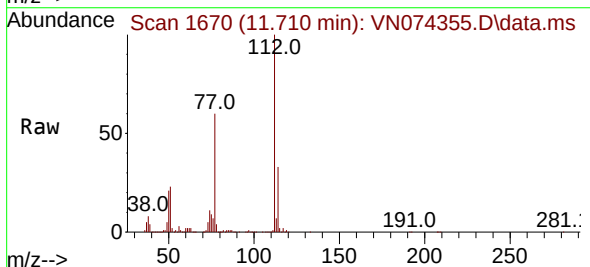
Tgt Ion: 98 Resp: 685514
Ion Ratio Lower Upper
98 100
100 65.1 50.6 76.0

Manual Integrations
APPROVED

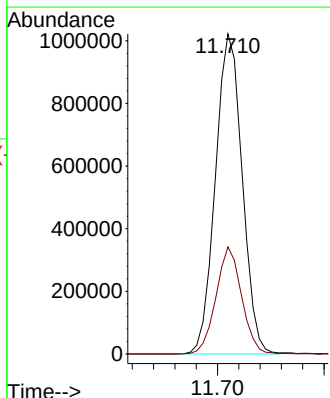
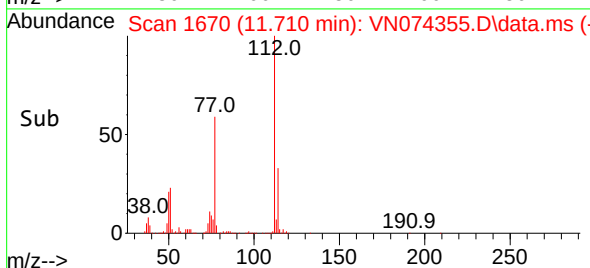
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

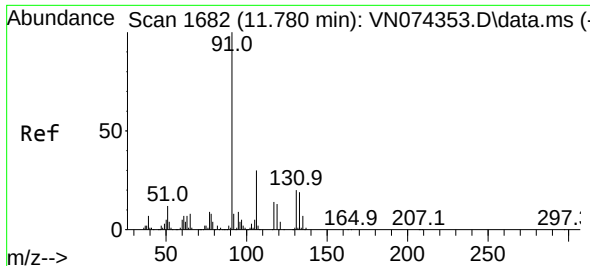


#64
Chlorobenzene
Concen: 101.683 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36



Tgt Ion:112 Resp: 1783431
Ion Ratio Lower Upper
112 100
114 33.5 25.8 38.6





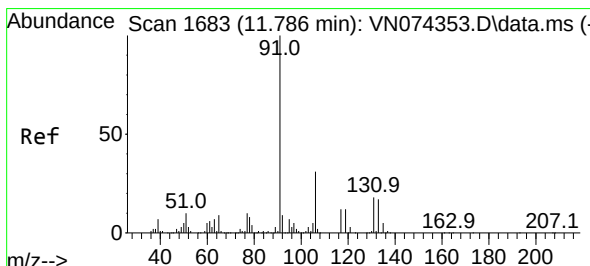
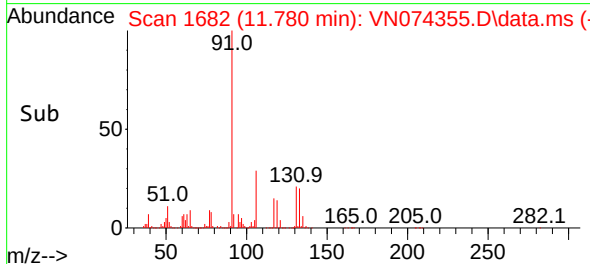
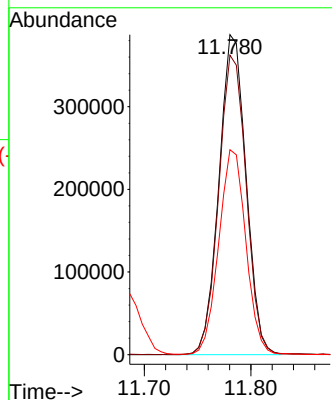
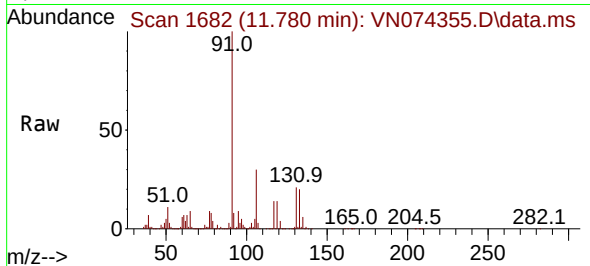
#65
1,1,1,2-Tetrachloroethane
Concen: 103.934 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:131 Resp: 683274
Ion Ratio Lower Upper
131 100
133 94.8 0.0 191.2
119 63.8 0.0 128.8

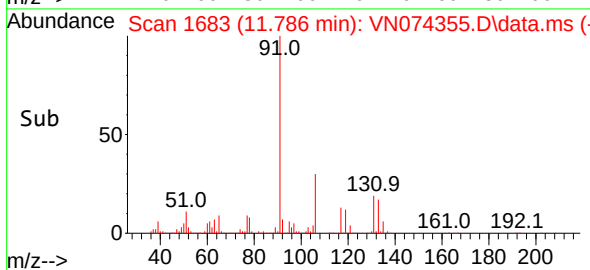
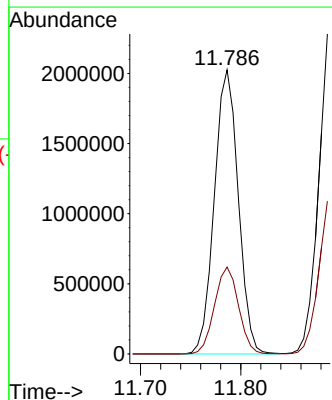
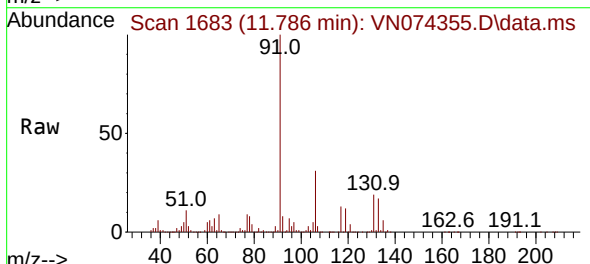
Manual Integrations
APPROVED

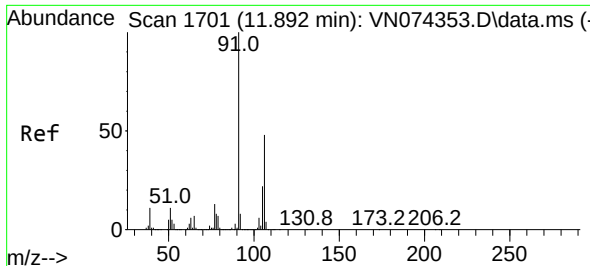
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#66
Ethyl Benzene
Concen: 105.348 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

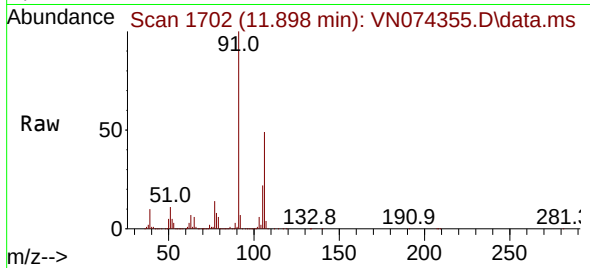
Tgt Ion: 91 Resp: 3348101
Ion Ratio Lower Upper
91 100
106 30.6 24.0 36.0





#67
m/p-Xylenes
Concen: 214.460 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

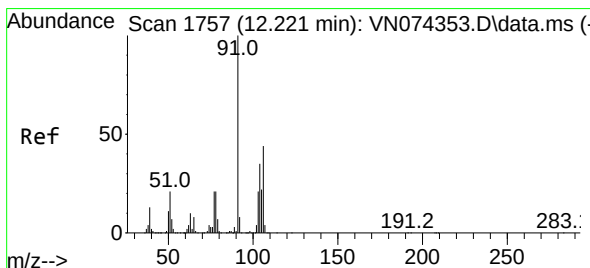
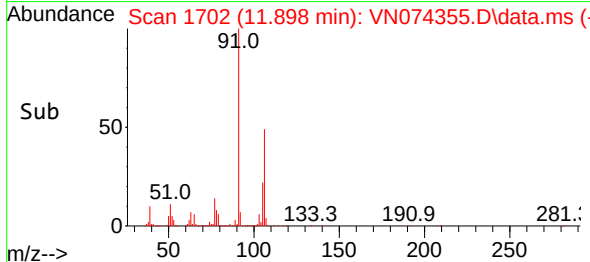
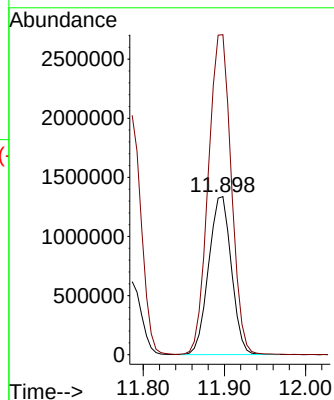
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:106 Resp: 2601548
Ion Ratio Lower Upper
106 100
91 204.7 162.9 244.3

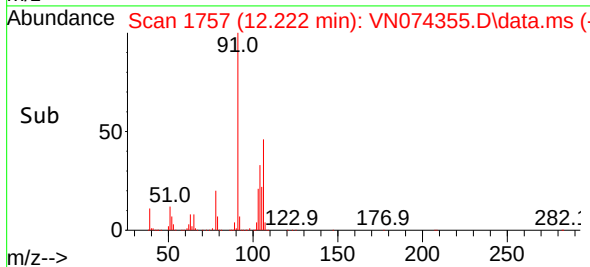
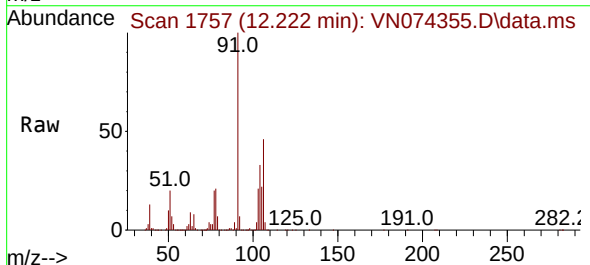
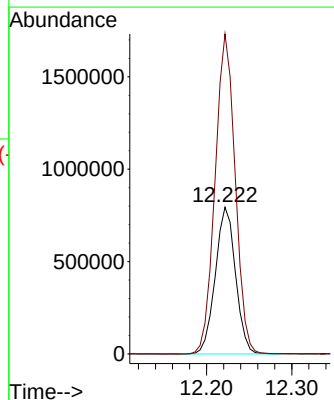
Manual Integrations
APPROVED

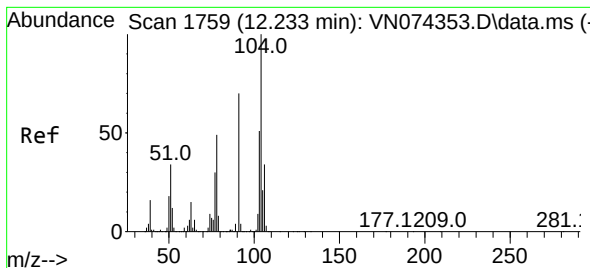
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#68
o-Xylene
Concen: 108.232 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

Tgt Ion:106 Resp: 1310420
Ion Ratio Lower Upper
106 100
91 216.5 107.7 323.1





#69

Styrene

Concen: 113.253 ug/l

RT: 12.233 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN074355.D

Acq: 08 Sep 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:104 Resp: 224290

Ion Ratio Lower Upper

104 100

78 51.2 40.7 61.1

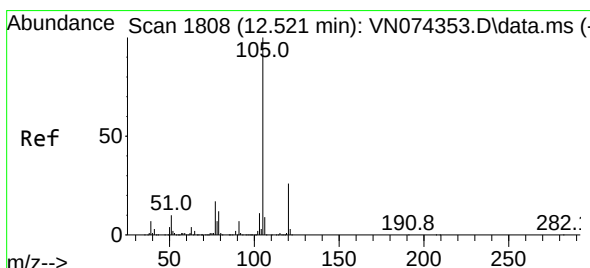
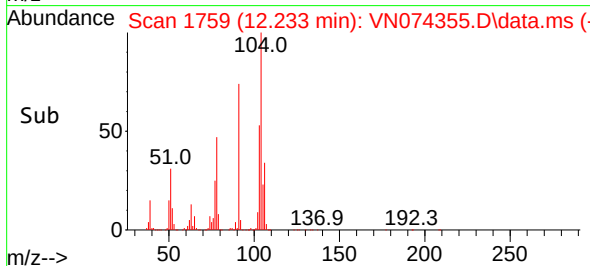
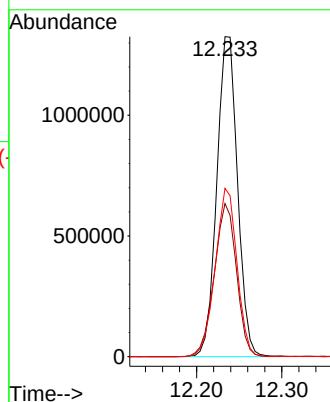
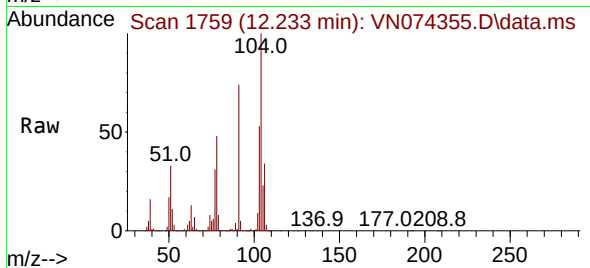
103 55.1 45.8 68.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#70

Isopropylbenzene

Concen: 112.602 ug/l

RT: 12.522 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VN074355.D

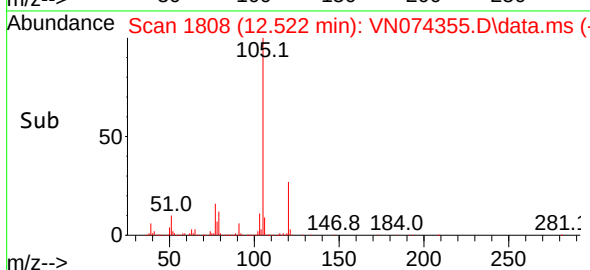
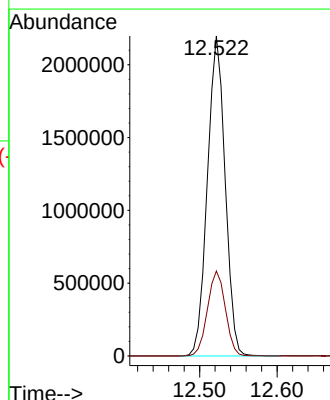
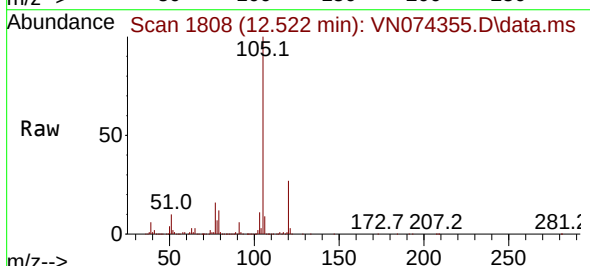
Acq: 08 Sep 2022 13:36

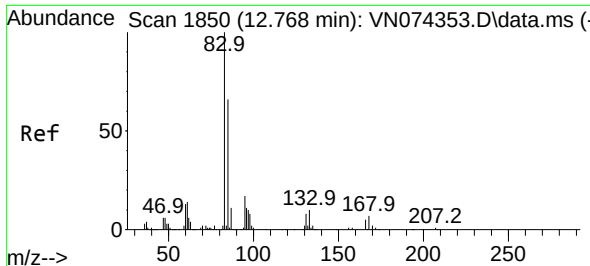
Tgt Ion:105 Resp: 3489824

Ion Ratio Lower Upper

105 100

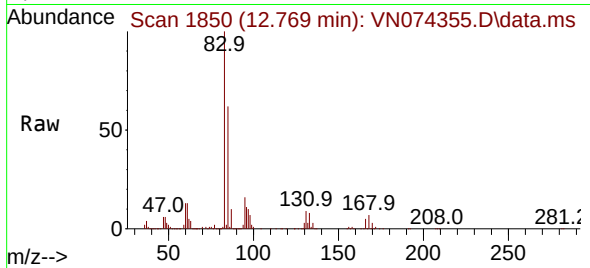
120 26.8 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 109.203 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

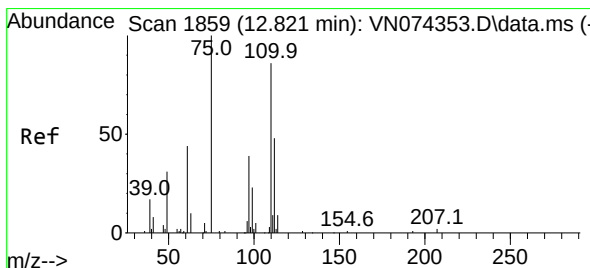
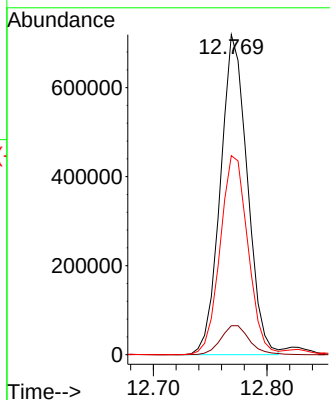
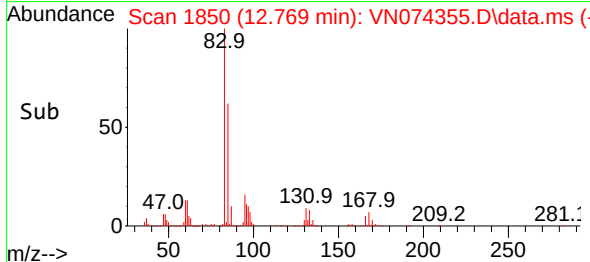
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



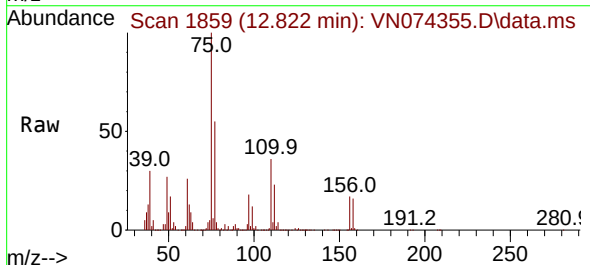
Tgt Ion: 83 Resp: 1182898
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.3
85 64.3 33.1 99.2

Manual Integrations
APPROVED

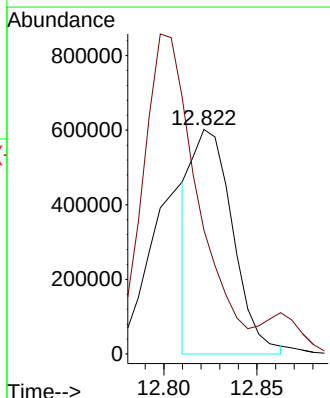
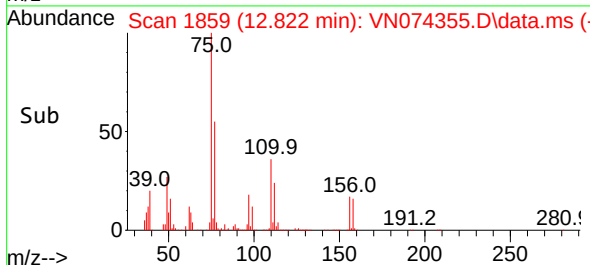
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

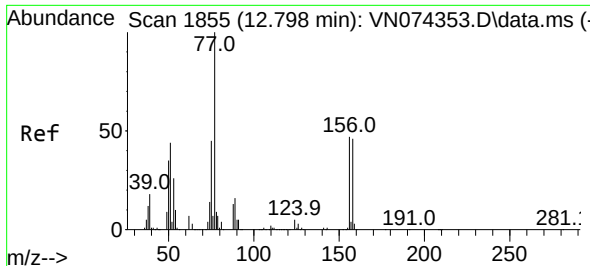


#72
1,2,3-Trichloropropane
Concen: 98.582 ug/l m
RT: 12.822 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36



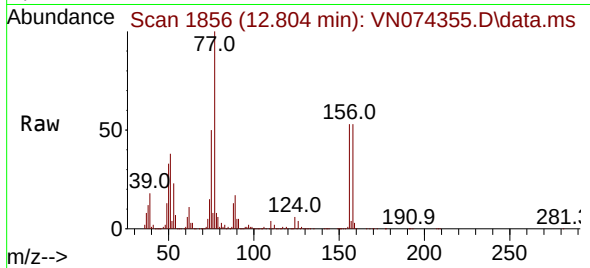
Tgt Ion: 75 Resp: 935974
Ion Ratio Lower Upper
75 100
77 187.4 0.0 378.0





#73
Bromobenzene
Concen: 102.291 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

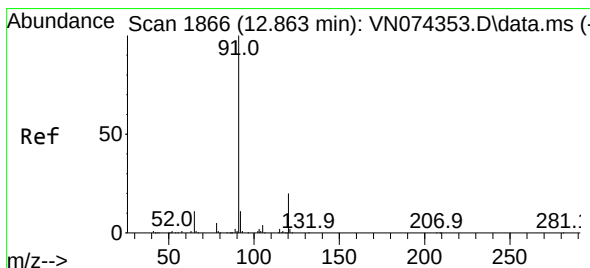
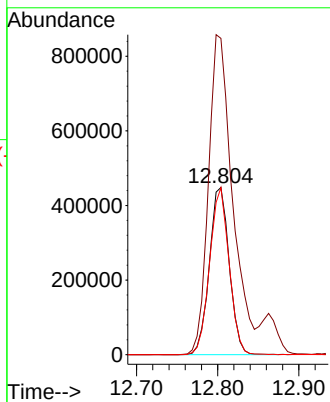
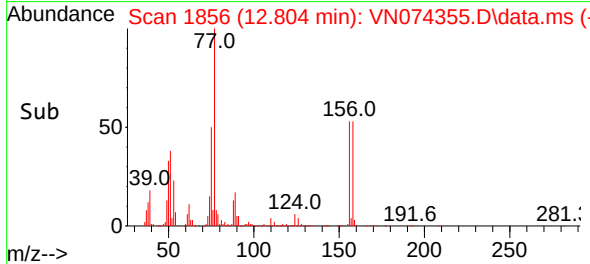
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:156 Resp: 763688
Ion Ratio Lower Upper
156 100
77 229.7 0.0 416.0
158 97.5 0.0 195.4

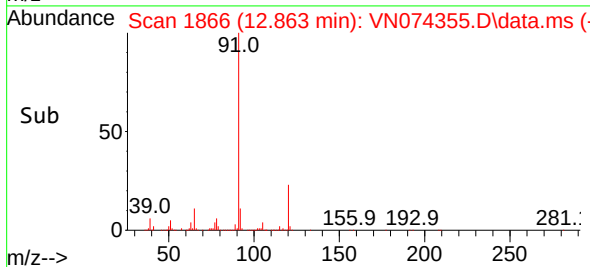
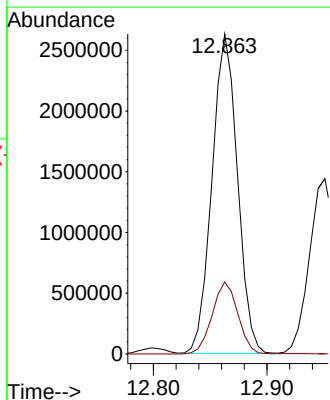
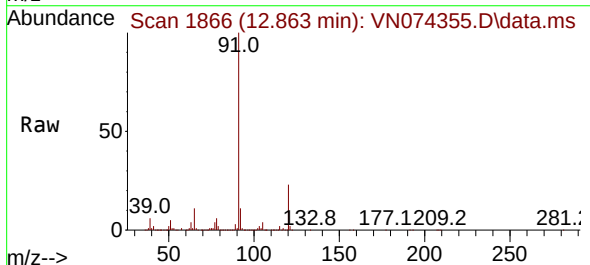
Manual Integrations
APPROVED

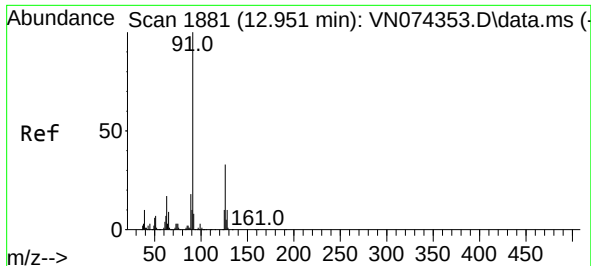
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#74
n-propylbenzene
Concen: 113.937 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

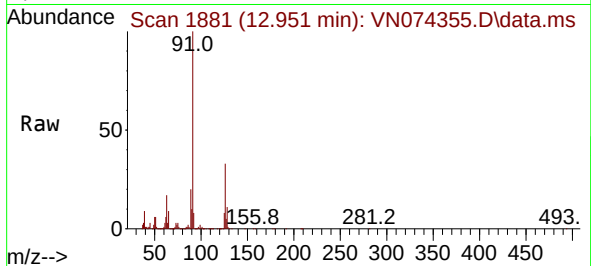
Tgt Ion: 91 Resp: 4097997
Ion Ratio Lower Upper
91 100
120 22.6 0.0 45.0





#75
2-Chlorotoluene
Concen: 112.720 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

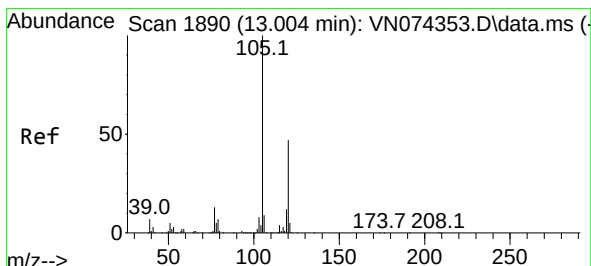
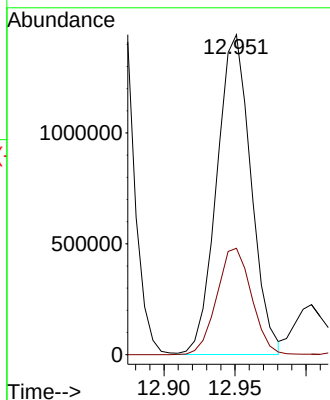
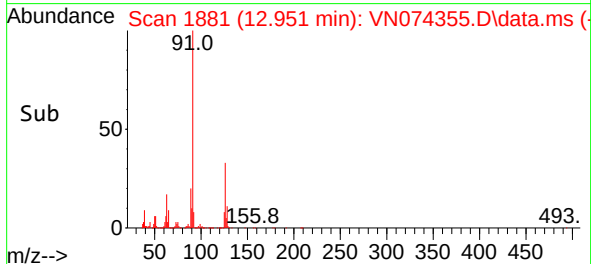
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



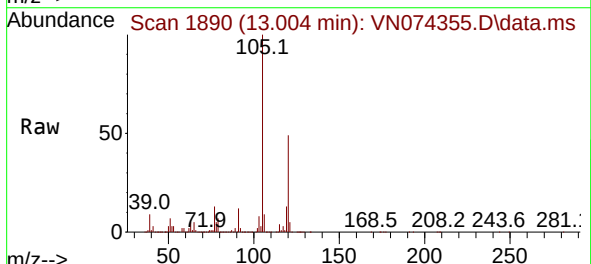
Tgt Ion: 91 Resp: 2423068
Ion Ratio Lower Upper
91 100
126 33.8 0.0 69.8

Manual Integrations
APPROVED

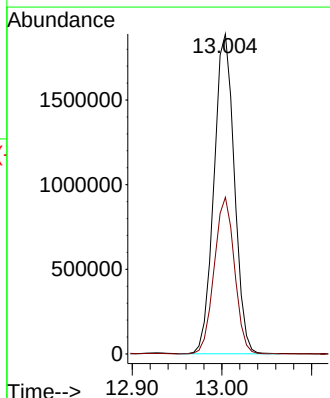
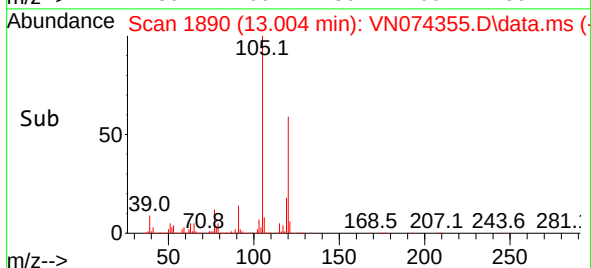
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

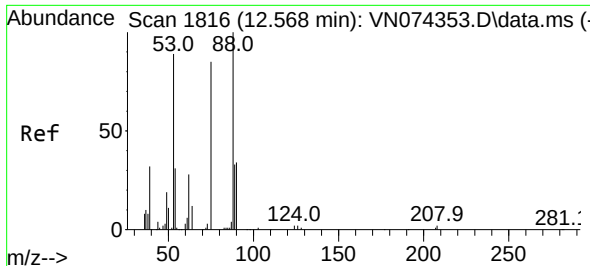


#76
1,3,5-Trimethylbenzene
Concen: 115.157 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36



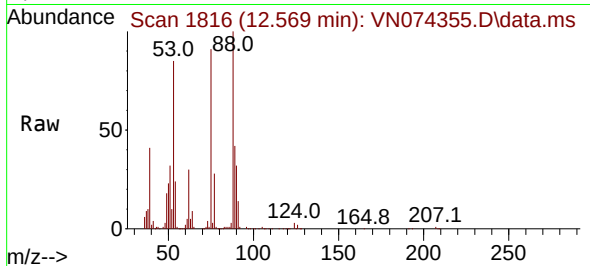
Tgt Ion:105 Resp: 2972831
Ion Ratio Lower Upper
105 100
120 48.8 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 130.896 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

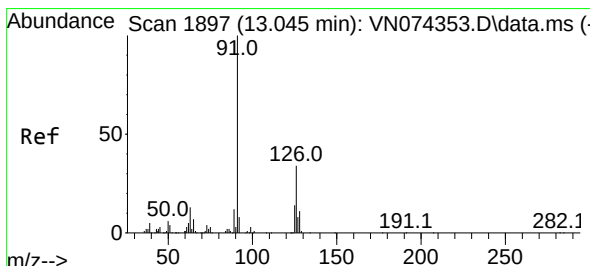
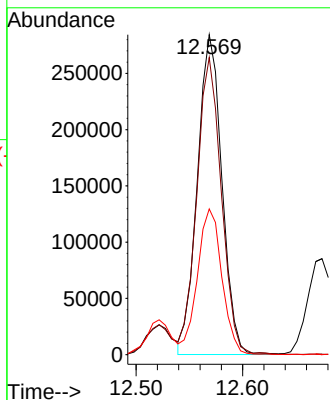
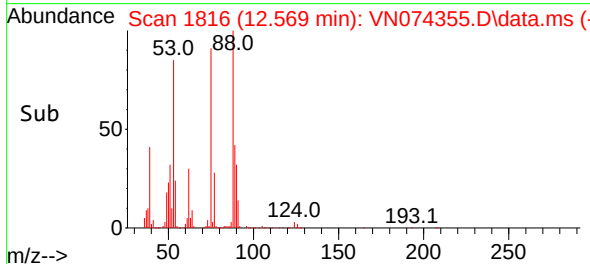
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 456319
Ion Ratio Lower Upper
75 100
53 93.1 51.8 155.5
89 45.6 22.9 68.7

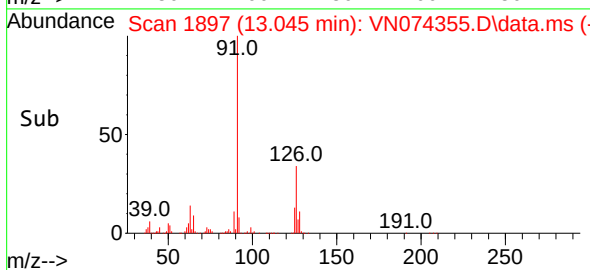
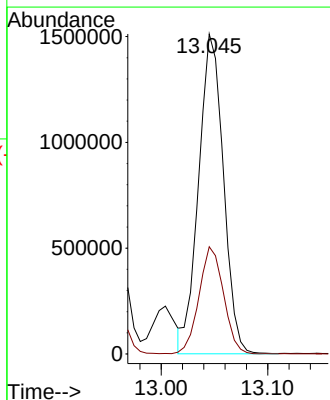
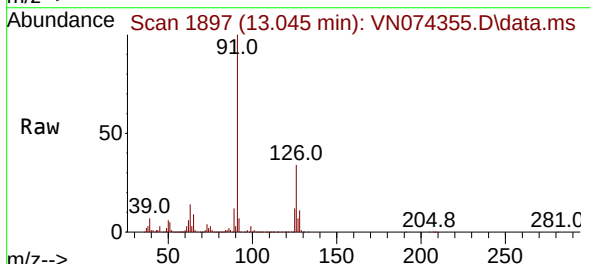
Manual Integrations
APPROVED

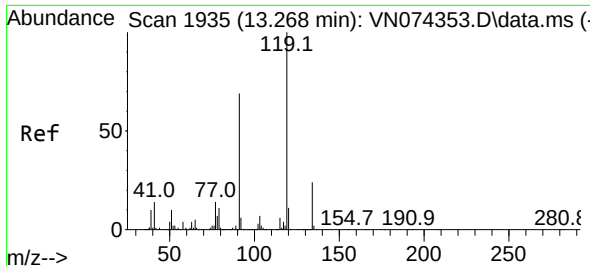
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#78
4-Chlorotoluene
Concen: 117.974 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

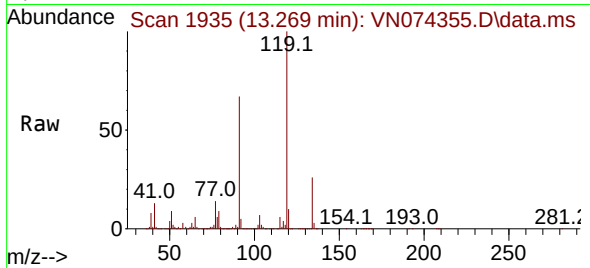
Tgt Ion: 91 Resp: 2445753
Ion Ratio Lower Upper
91 100
126 33.2 0.0 70.6





#79
tert-butylbenzene
Concen: 116.361 ug/l
RT: 13.269 min Scan# 1935
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

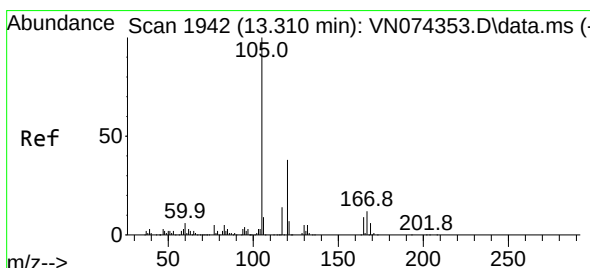
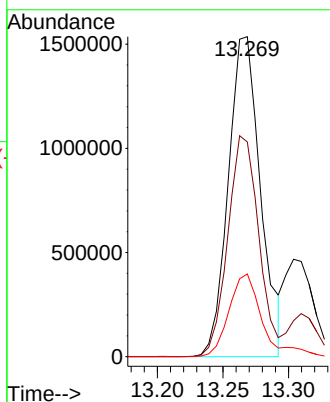
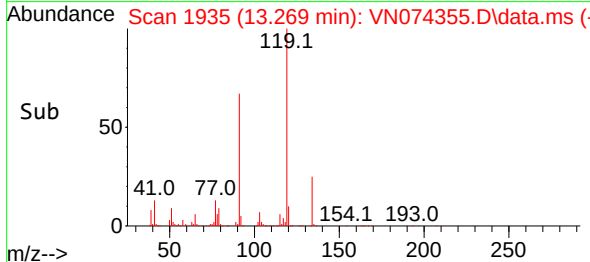
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



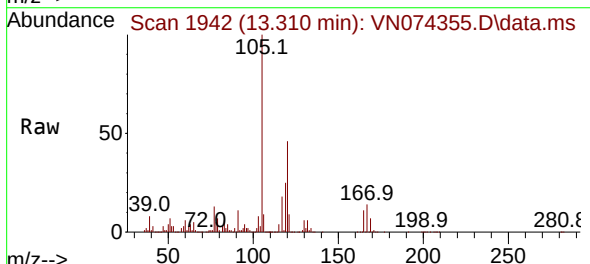
Tgt Ion:119 Resp: 2634508
Ion Ratio Lower Upper
119 100
91 66.1 0.0 137.0
134 24.5 0.0 47.6

Manual Integrations
APPROVED

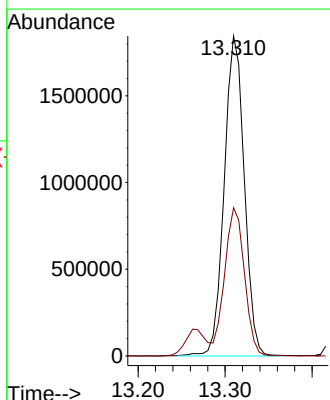
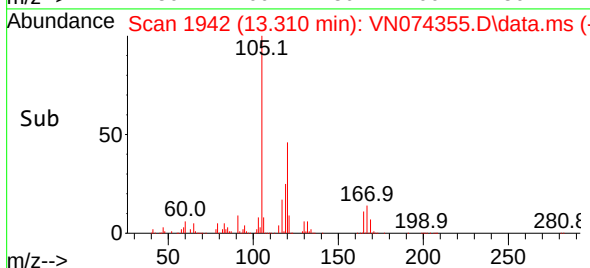
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

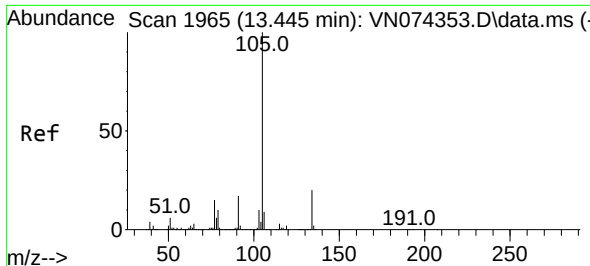


#80
1,2,4-Trimethylbenzene
Concen: 114.902 ug/l m
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36



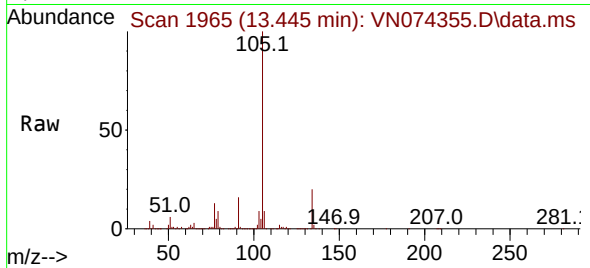
Tgt Ion:105 Resp: 2954972
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 116.613 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VN074355.D
 Acq: 08 Sep 2022 13:36

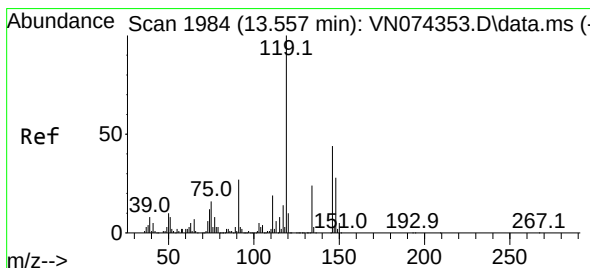
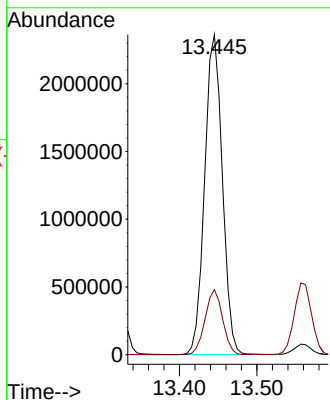
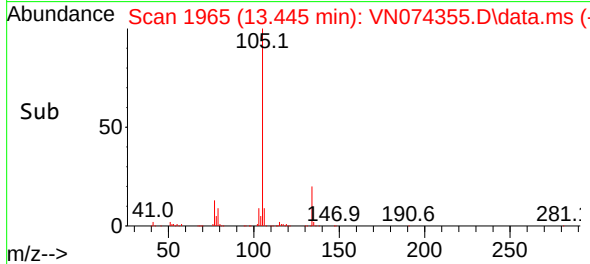
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion:105 Resp: 373839
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 39.4

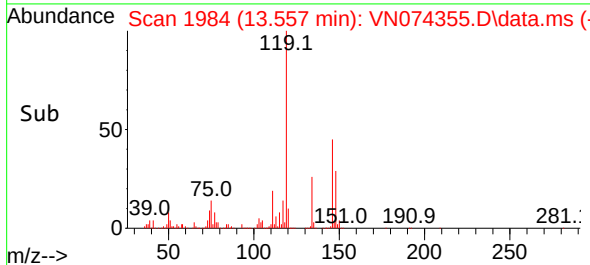
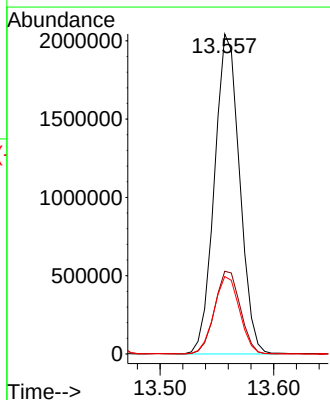
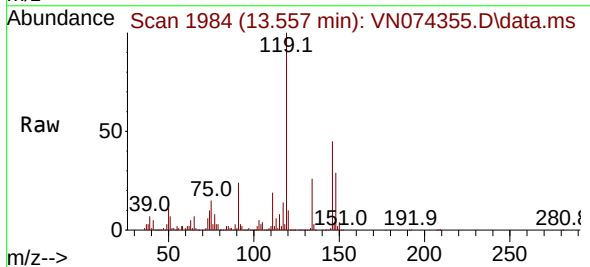
Manual Integrations
 APPROVED

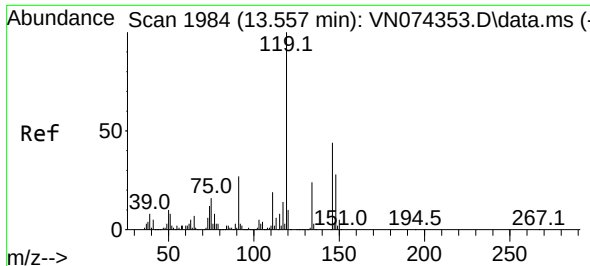
Reviewed By :John Carlone 09/09/2022
 Supervised By :Mahesh Dadoda 09/09/2022



#82
 p-Isopropyltoluene
 Concen: 119.560 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN074355.D
 Acq: 08 Sep 2022 13:36

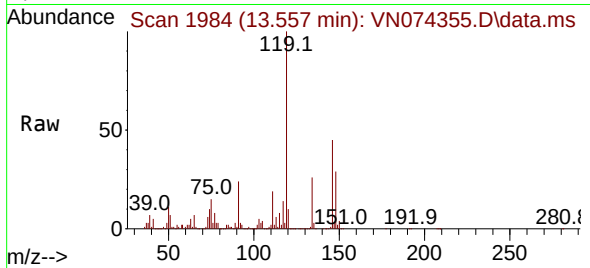
Tgt Ion:119 Resp: 3151769
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 51.8
 91 24.4 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 109.825 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

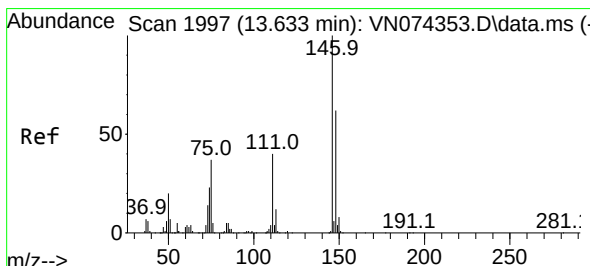
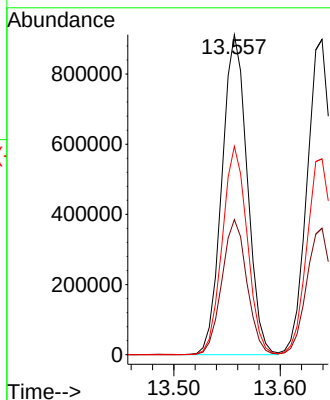
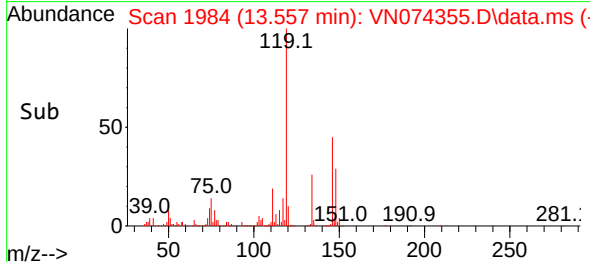
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



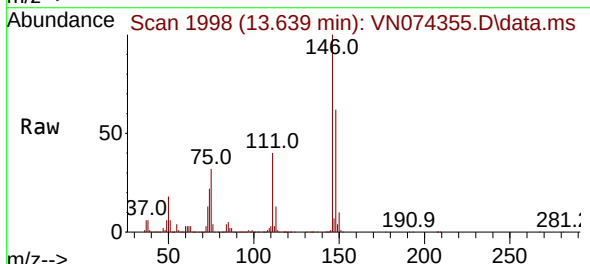
Tgt Ion:146 Resp: 1505704
Ion Ratio Lower Upper
146 100
111 41.7 20.8 62.2
148 64.1 31.4 94.3

Manual Integrations
APPROVED

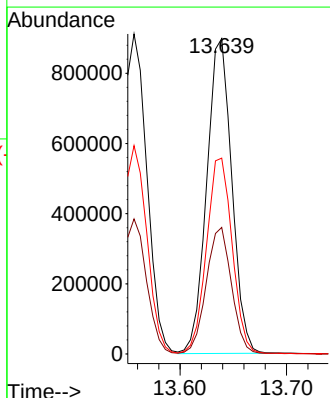
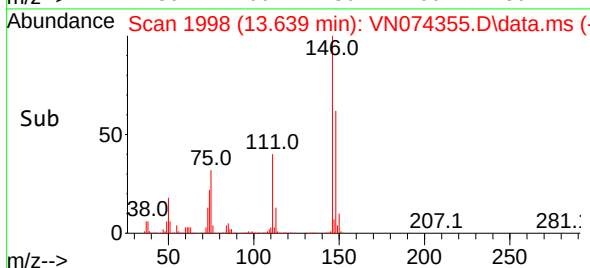
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

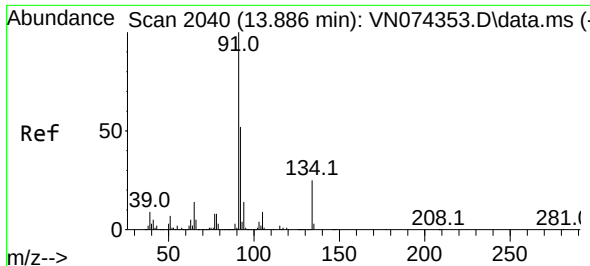


#84
1,4-Dichlorobenzene
Concen: 110.732 ug/l
RT: 13.639 min Scan# 1998
Delta R.T. 0.006 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36



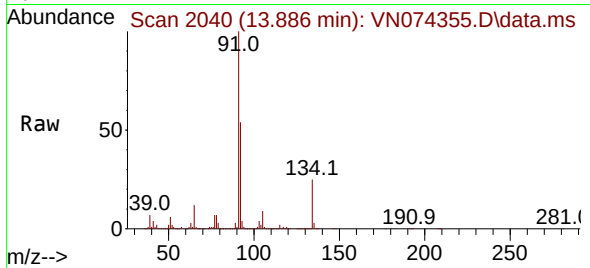
Tgt Ion:146 Resp: 1468170
Ion Ratio Lower Upper
146 100
111 40.6 19.5 58.5
148 63.9 31.1 93.5





#85
n-Butylbenzene
Concen: 125.537 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

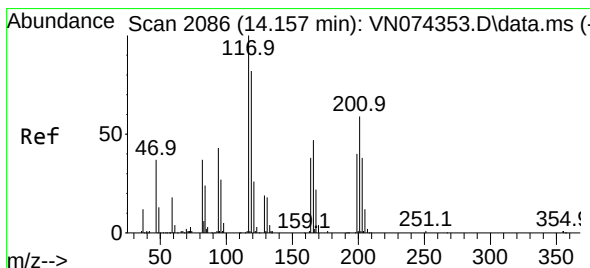
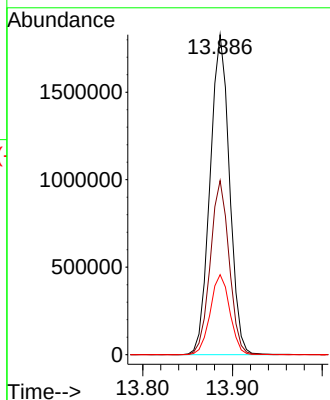
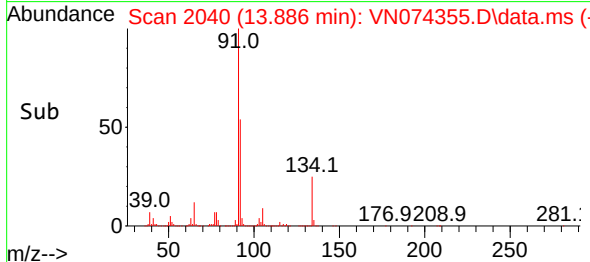
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 2747199
Ion Ratio Lower Upper
91 100
92 52.9 0.0 100.6
134 25.1 0.0 50.2

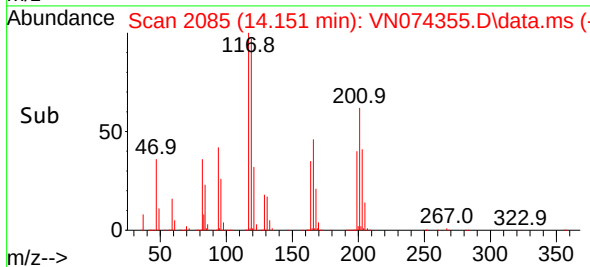
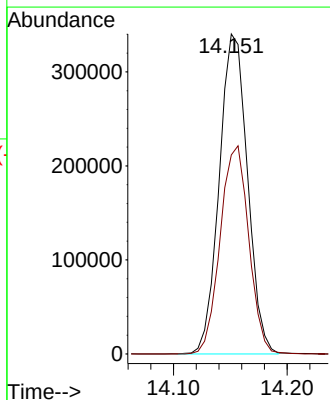
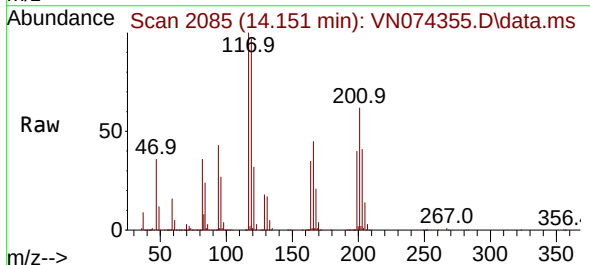
Manual Integrations
APPROVED

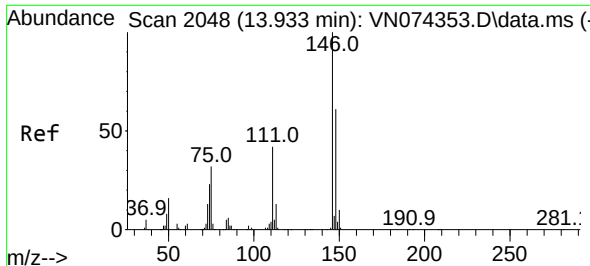
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#86
Hexachloroethane
Concen: 119.280 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.006 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

Tgt Ion:117 Resp: 589040
Ion Ratio Lower Upper
117 100
201 65.8 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 107.967 ug/l

RT: 13.927 min Scan# 2047

Delta R.T. -0.006 min

Lab File: VN074355.D

Acq: 08 Sep 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion:146 Resp: 149638

Ion Ratio Lower Upper

146 100

111 42.9 21.4 64.2

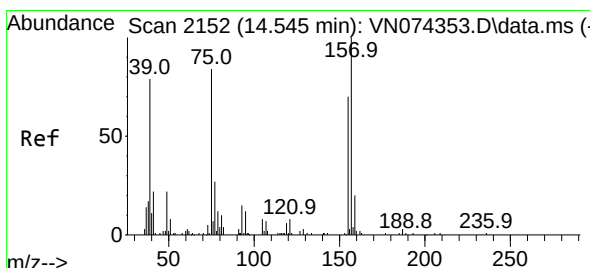
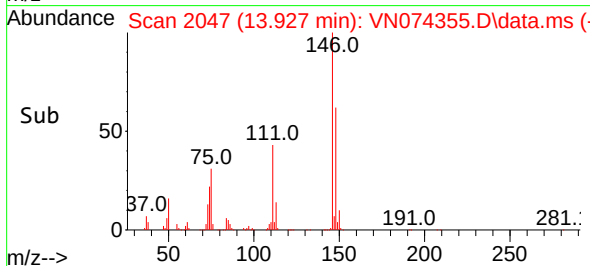
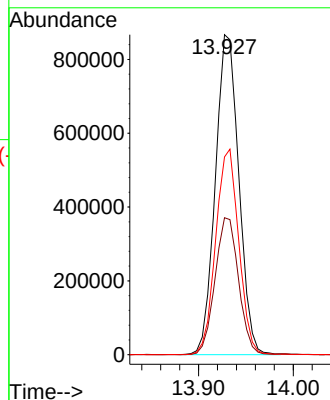
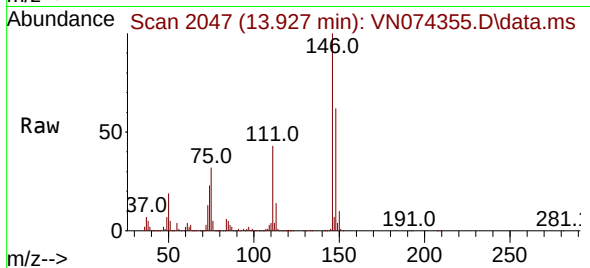
148 63.1 32.5 97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 121.146 ug/l

RT: 14.545 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VN074355.D

Acq: 08 Sep 2022 13:36

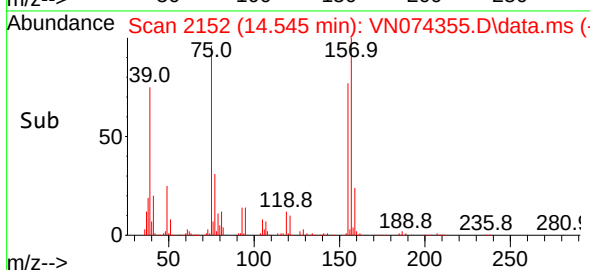
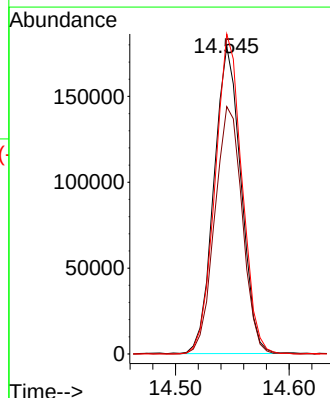
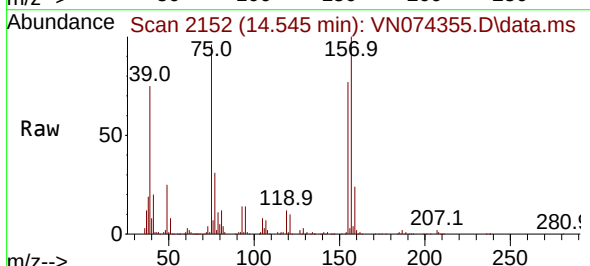
Tgt Ion: 75 Resp: 296488

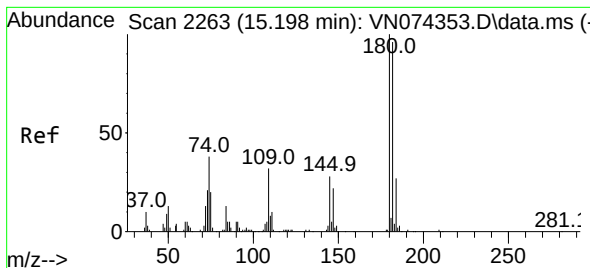
Ion Ratio Lower Upper

75 100

155 81.8 63.8 95.8

157 103.3 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 107.993 ug/l

RT: 15.198 min Scan# 2263

Delta R.T. 0.000 min

Lab File: VN074355.D

Acq: 08 Sep 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

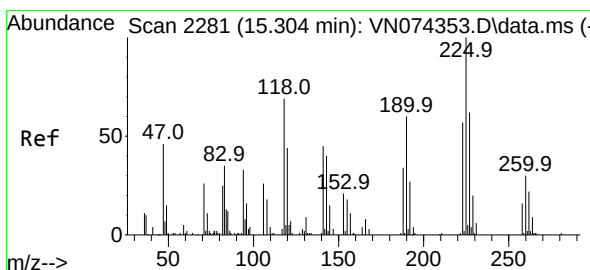
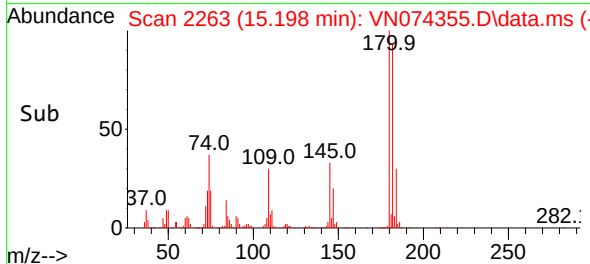
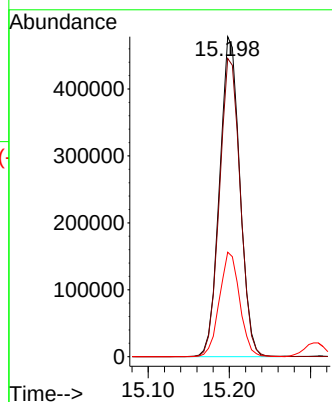
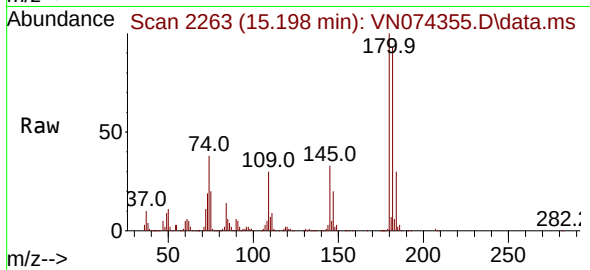
Tgt Ion:180	Resp: 830352
Ion Ratio	Lower Upper
180	100
182	95.4 77.7 116.5
145	32.6 26.6 39.8

Manual Integrations

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Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#90

Hexachlorobutadiene

Concen: 90.503 ug/l

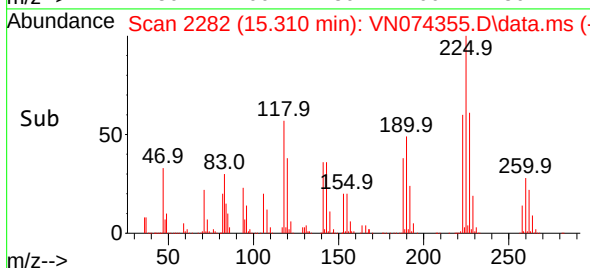
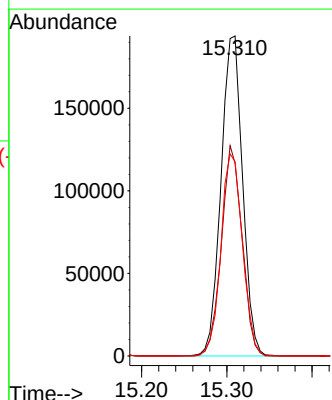
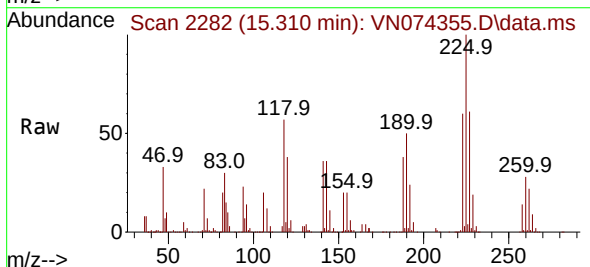
RT: 15.310 min Scan# 2282

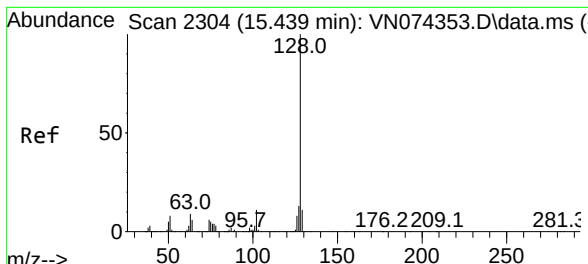
Delta R.T. 0.006 min

Lab File: VN074355.D

Acq: 08 Sep 2022 13:36

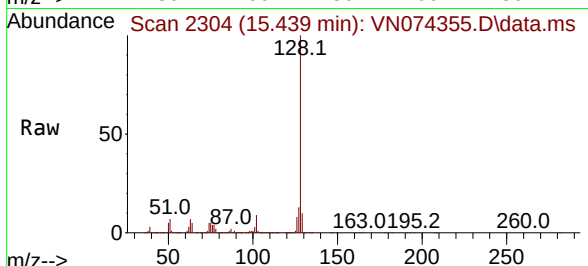
Tgt Ion:225	Resp: 340907
Ion Ratio	Lower Upper
225	100
223	63.0 0.0 126.8
227	62.9 0.0 123.0





#91
Naphthalene
Concen: 125.446 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36

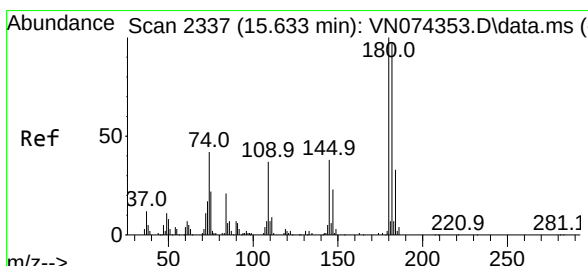
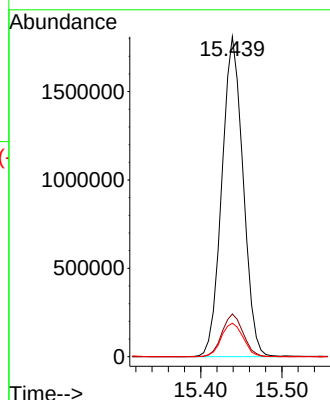
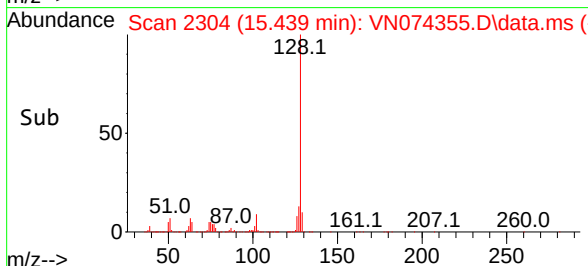
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



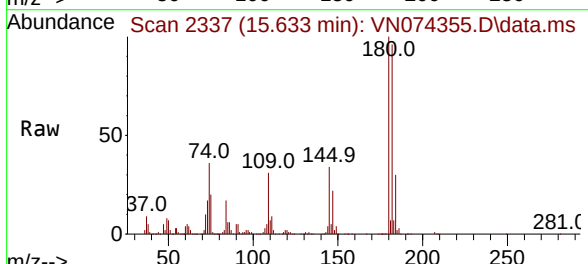
Tgt Ion:128 Resp: 3290352
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.8 9.0 13.6

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 107.483 ug/l
RT: 15.633 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VN074355.D
Acq: 08 Sep 2022 13:36



Tgt Ion:180 Resp: 837422
Ion Ratio Lower Upper
180 100
182 95.8 0.0 190.0
145 34.7 0.0 67.8

