

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092922\
 Data File : VN074656.D
 Acq On : 29 Sep 2022 15:44
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/30/2022
 Supervised By : Mahesh Dadoda 10/05/2022

Quant Time: Sep 30 07:11:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 30 07:05:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.933	168	415674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	735738	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.616	117	828775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	572193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.286	65	1071312	102.836	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 205.680%#			
35) Dibromofluoromethane	7.869	113	794274	101.994	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 203.980%#			
50) Toluene-d8	10.310	98	3484649	106.381	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 212.760%#			
62) 4-Bromofluorobenzene	12.610	95	1209819	116.478	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 232.960%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.999	85	825188	94.826	ug/l	99
3) Chloromethane	2.216	50	1099797	86.391	ug/l	99
4) Vinyl Chloride	2.351	62	1683506	91.070	ug/l	99
5) Bromomethane	2.716	94	1004754	78.682	ug/l	100
6) Chloroethane	2.875	64	1134342	79.852	ug/l	97
7) Trichlorofluoromethane	3.234	101	1134769	88.287	ug/l	97
8) Diethyl Ether	3.681	74	522168	85.624	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.040	101	673094	87.877	ug/l	90
10) Methyl Iodide	4.245	142	901466	99.048	ug/l	95
11) Tert butyl alcohol	5.175	59	1215133	436.755	ug/l	99
12) 1,1-Dichloroethene	4.016	96	663637	85.482	ug/l	91
13) Acrolein	3.887	56	563306	468.546	ug/l	98
14) Allyl chloride	4.651	41	1542139	91.962	ug/l	96
15) Acrylonitrile	5.357	53	3147630	479.460	ug/l	99
16) Acetone	4.122	43	2437630	433.528	ug/l	99
17) Carbon Disulfide	4.351	76	2066500	91.210	ug/l	99
18) Methyl Acetate	4.663	43	1744614	90.641	ug/l	90
19) Methyl tert-butyl Ether	5.422	73	2818481	95.122	ug/l	96
20) Methylene Chloride	4.892	84	861914	80.757	ug/l #	86
21) trans-1,2-Dichloroethene	5.398	96	780772	92.060	ug/l	92
22) Diisopropyl ether	6.304	45	3262476	95.634	ug/l	96
23) Vinyl Acetate	6.239	43	14618602	487.556	ug/l #	93
24) 1,1-Dichloroethane	6.192	63	1618827	92.993	ug/l	98
25) 2-Butanone	7.163	43	4407449	459.636	ug/l	90
26) 2,2-Dichloropropane	7.145	77	1368445	92.435	ug/l	99
27) cis-1,2-Dichloroethene	7.151	96	905098	87.250	ug/l	91
28) Bromochloromethane	7.492	49	877940	111.072	ug/l #	71
29) Tetrahydrofuran	7.516	42	3030178	478.933	ug/l	87
30) Chloroform	7.657	83	1574517	98.144	ug/l	96
31) Cyclohexane	7.939	56	1509672	89.197	ug/l	88
32) 1,1,1-Trichloroethane	7.851	97	1342102	95.330	ug/l	97
36) 1,1-Dichloropropene	8.063	75	1175592	94.262	ug/l	96
37) Ethyl Acetate	7.245	43	1816358	98.222	ug/l #	93
38) Carbon Tetrachloride	8.045	117	1129694	98.873	ug/l	99
39) Methylcyclohexane	9.322	83	1521898	97.746	ug/l	99
40) Benzene	8.310	78	3729459	97.021	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.469	41	862435	106.754	ug/l #	84
42) 1,2-Dichloroethane	8.380	62	1238639	95.917	ug/l	99
43) Isopropyl Acetate	8.416	43	2852875	96.687	ug/l #	92
44) Trichloroethene	9.075	130	783683	97.857	ug/l	94
45) 1,2-Dichloropropane	9.351	63	992859	94.878	ug/l	97
46) Dibromomethane	9.439	93	624795	94.724	ug/l #	85
47) Bromodichloromethane	9.627	83	1262555	97.940	ug/l	99
48) Methyl methacrylate	9.427	41	1253534	103.093	ug/l	89
49) 1,4-Dioxane	9.433	88	444415	1916.126	ug/l #	93
51) 4-Methyl-2-Pentanone	10.204	43	9499513	508.784	ug/l	90
52) Toluene	10.374	92	2399701	103.389	ug/l	99
53) t-1,3-Dichloropropene	10.592	75	1534884	105.037	ug/l	100
54) cis-1,3-Dichloropropene	10.057	75	1574523	97.799	ug/l #	92
55) 1,1,2-Trichloroethane	10.774	97	892098	95.373	ug/l	95
56) Ethyl methacrylate	10.639	69	1730693	107.260	ug/l #	85
57) 1,3-Dichloropropane	10.921	76	1616766	97.664	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.916	63	3395404	515.421	ug/l	90
59) 2-Hexanone	10.963	43	7266348	514.962	ug/l	89
60) Dibromochloromethane	11.110	129	966421	107.392	ug/l	100
61) 1,2-Dibromoethane	11.216	107	932588	101.743	ug/l	98
64) Tetrachloroethene	10.845	164	631519	90.130	ug/l	94
65) Chlorobenzene	11.645	112	2371819	95.646	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.716	131	873876	98.775	ug/l	99
67) Ethyl Benzene	11.721	91	4581491	98.744	ug/l	98
68) m/p-Xylenes	11.827	106	3592629	204.483	ug/l	96
69) o-Xylene	12.157	106	1782412	100.927	ug/l	97
70) Styrene	12.168	104	3071181	109.038	ug/l	98
71) Bromoform	12.333	173	760190	107.161	ug/l	100
73) Isopropylbenzene	12.457	105	4775053	89.085	ug/l	98
74) N-amyl acetate	12.268	43	2724933	82.981	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.704	83	1637818	80.309	ug/l	99
76) 1,2,3-Trichloropropane	12.757	75	1233691m	82.987	ug/l	
77) Bromobenzene	12.733	156	964161	83.964	ug/l	79
78) n-propylbenzene	12.798	91	5641510	91.246	ug/l	97
79) 2-Chlorotoluene	12.880	91	3219709	86.659	ug/l	98
80) 1,3,5-Trimethylbenzene	12.933	105	3981971	93.097	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.504	75	657508	96.027	ug/l	96
82) 4-Chlorotoluene	12.980	91	3313632	95.835	ug/l	98
83) tert-Butylbenzene	13.198	119	3534557	92.527	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	3977460	93.117	ug/l	97
85) sec-Butylbenzene	13.374	105	5130542	95.574	ug/l	96
86) p-Isopropyltoluene	13.492	119	4171717	98.093	ug/l	96
87) 1,3-Dichlorobenzene	13.486	146	1958965	94.021	ug/l	98
88) 1,4-Dichlorobenzene	13.568	146	1961455	92.110	ug/l	99
89) n-Butylbenzene	13.821	91	3766071	100.374	ug/l	96
90) Hexachloroethane	14.086	117	786425	85.937	ug/l	77
91) 1,2-Dichlorobenzene	13.862	146	1973207	90.752	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.474	75	356145	86.670	ug/l	85
93) 1,2,4-Trichlorobenzene	15.127	180	913646	94.057	ug/l	99
94) Hexachlorobutadiene	15.233	225	402402	84.638	ug/l	96
95) Naphthalene	15.362	128	3674459	96.680	ug/l	99
96) 1,2,3-Trichlorobenzene	15.551	180	905782	93.668	ug/l	97

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QLast Update : Fri Sep 30 07:05:22 2022
Response via : Initial Calibration

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

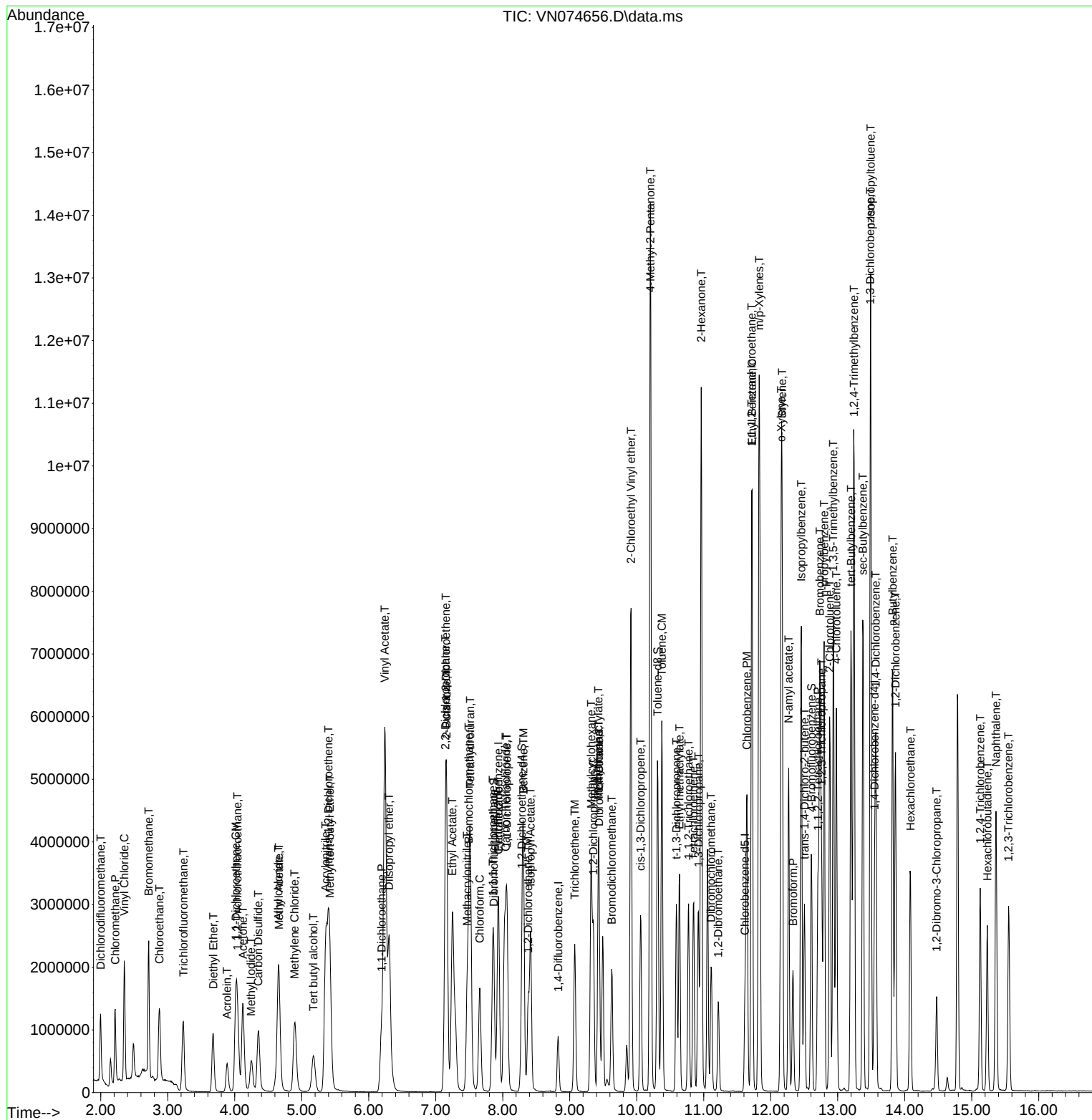
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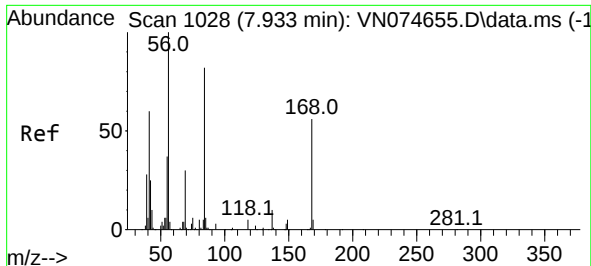
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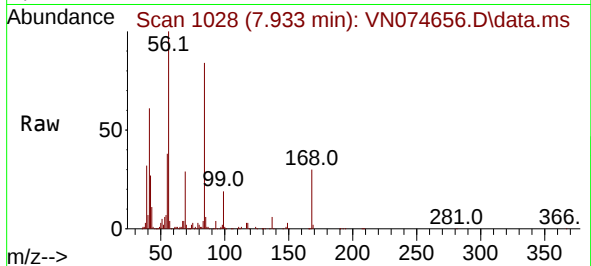
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.933 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VN074656.D
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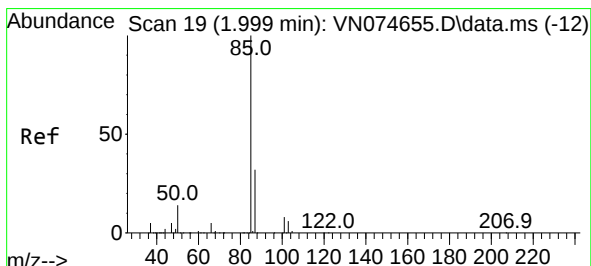
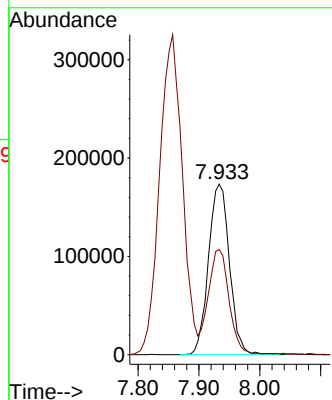
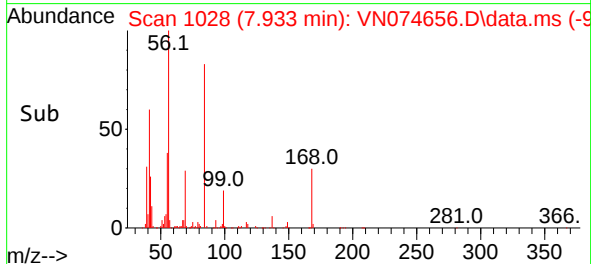
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:168 Resp: 415674
Ion Ratio Lower Upper
168 100
99 61.1 42.3 63.5

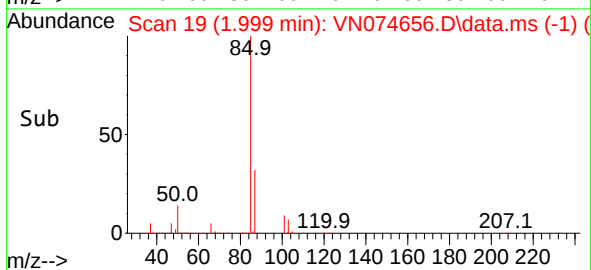
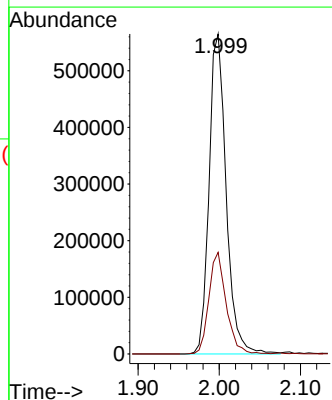
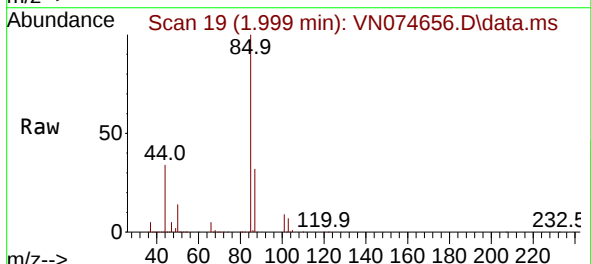
Manual Integrations
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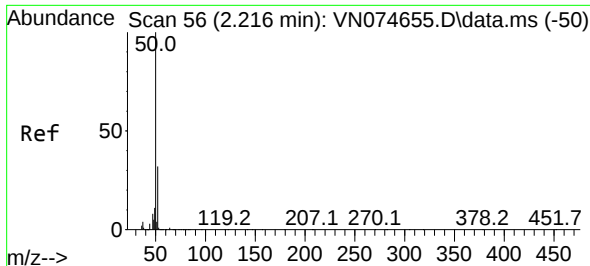
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#2
Dichlorodifluoromethane
Concen: 94.826 ug/l
RT: 1.999 min Scan# 19
Delta R.T. -0.000 min
Lab File: VN074656.D
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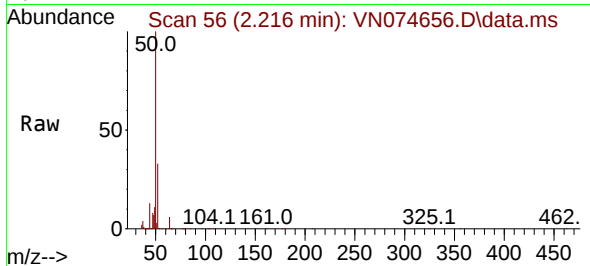
Tgt Ion: 85 Resp: 825188
Ion Ratio Lower Upper
85 100
87 31.7 15.7 47.1





#3
Chloromethane
Concen: 86.391 ug/l
RT: 2.216 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

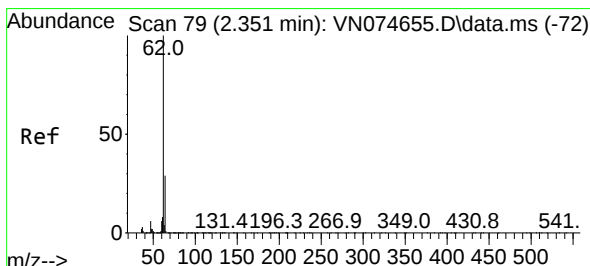
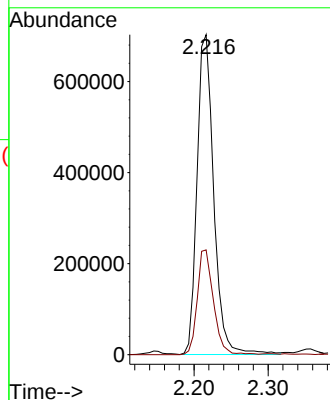
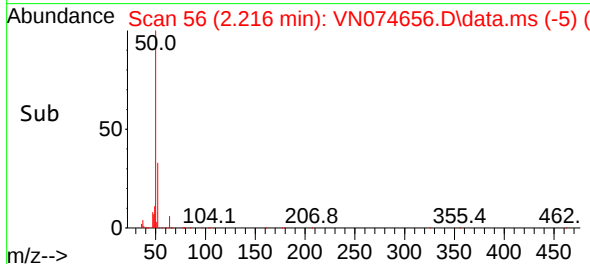
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ClientSampleId :
VSTDICC100



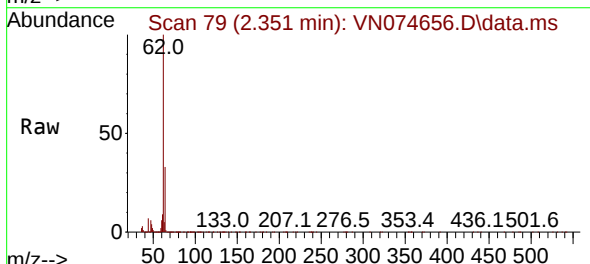
Tgt Ion: 50 Resp: 109979
Ion Ratio Lower Upper
50 100
52 32.8 25.7 38.5

Manual Integrations
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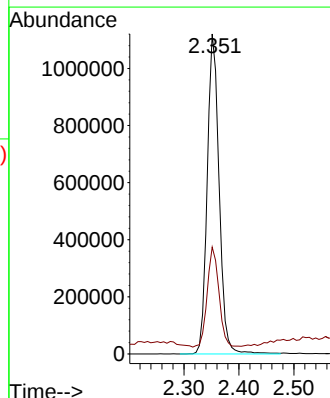
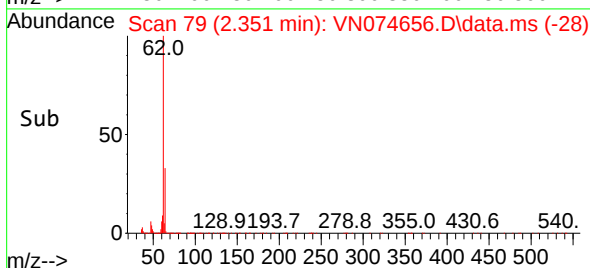
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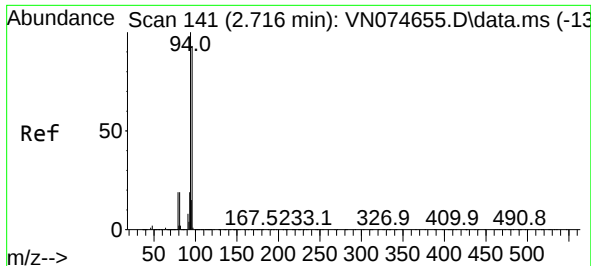


#4
Vinyl Chloride
Concen: 91.070 ug/l
RT: 2.351 min Scan# 79
Delta R.T. -0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44



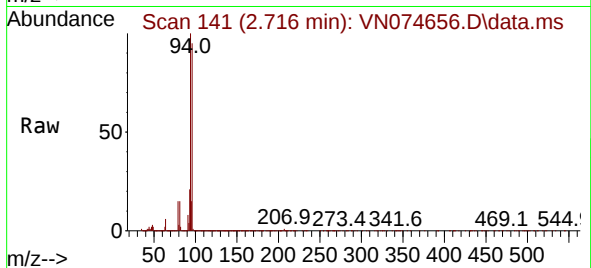
Tgt Ion: 62 Resp: 1683506
Ion Ratio Lower Upper
62 100
64 30.6 25.0 37.4





#5
Bromomethane
Concen: 78.682 ug/l
RT: 2.716 min Scan# 141
Delta R.T. -0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

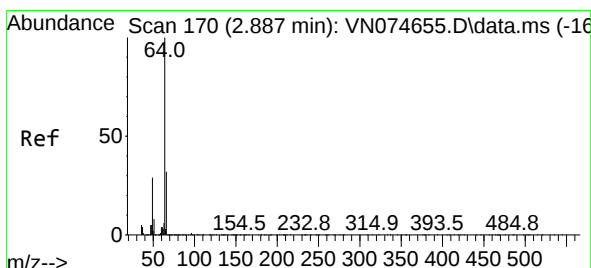
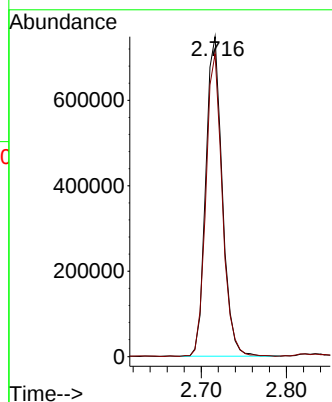
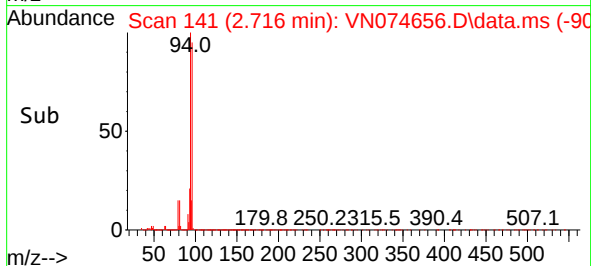
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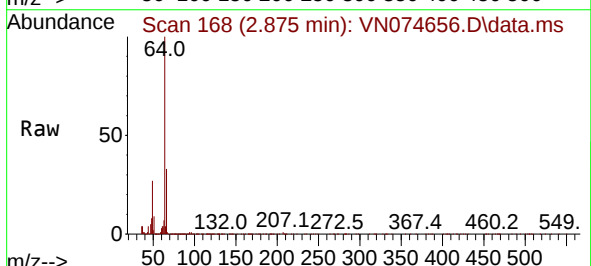
Tgt Ion: 94 Resp: 1004754
Ion Ratio Lower Upper
94 100
96 94.7 76.0 114.0

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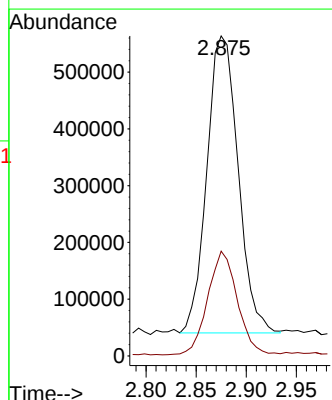
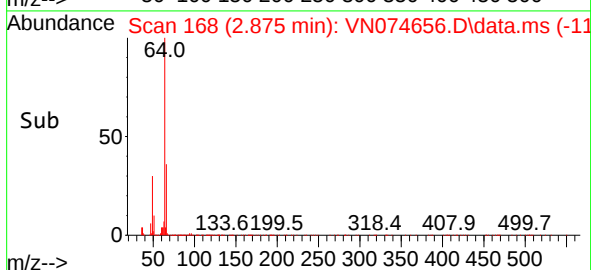
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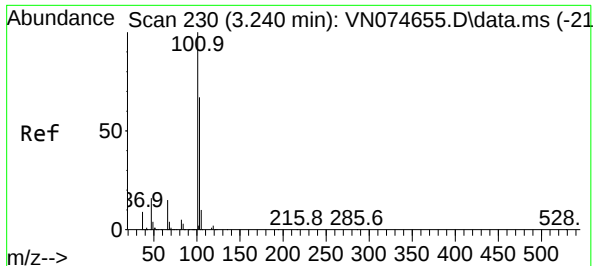


#6
Chloroethane
Concen: 79.852 ug/l
RT: 2.875 min Scan# 168
Delta R.T. -0.012 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44



Tgt Ion: 64 Resp: 1134342
Ion Ratio Lower Upper
64 100
66 34.6 26.2 39.4





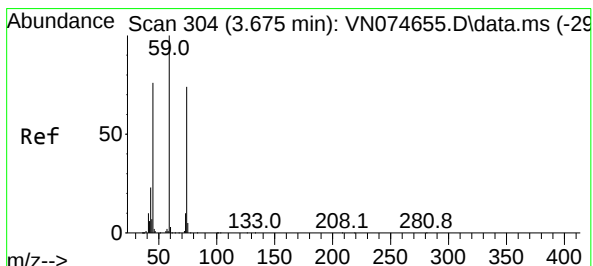
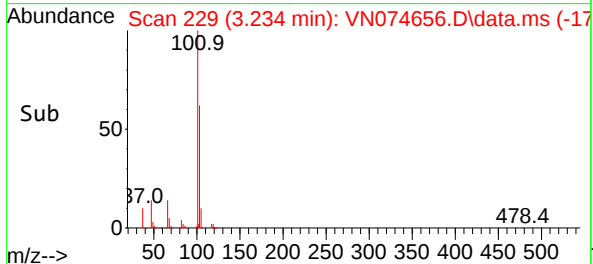
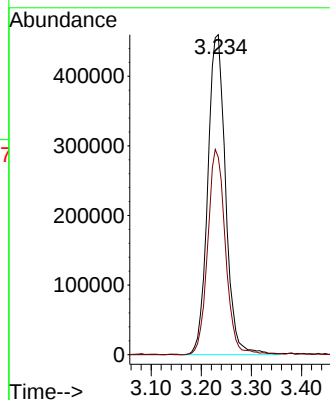
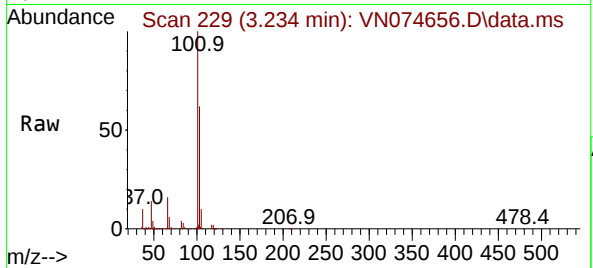
#7
Trichlorofluoromethane
Concen: 88.287 ug/l
RT: 3.234 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 1134769
Ion Ratio Lower Upper
101 100
103 61.7 51.5 77.3

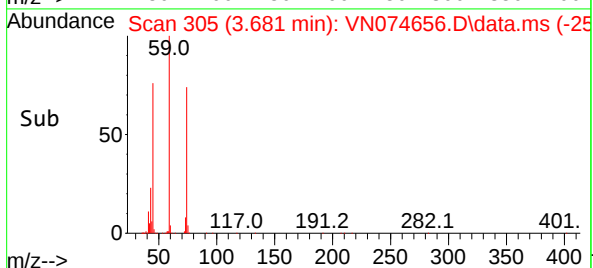
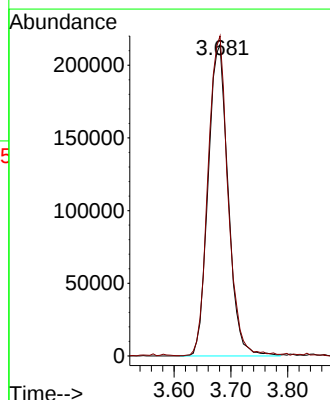
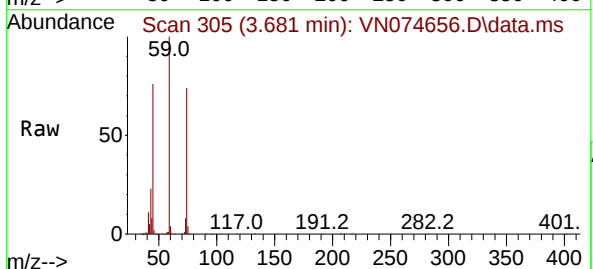
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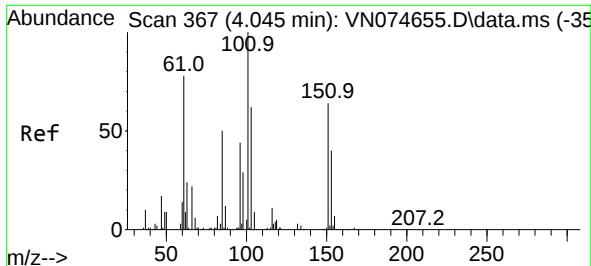
Reviewed By :John Carlone 09/30/2022
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#8
Diethyl Ether
Concen: 85.624 ug/l
RT: 3.681 min Scan# 305
Delta R.T. 0.006 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

Tgt Ion: 74 Resp: 522168
Ion Ratio Lower Upper
74 100
45 102.7 42.9 128.5





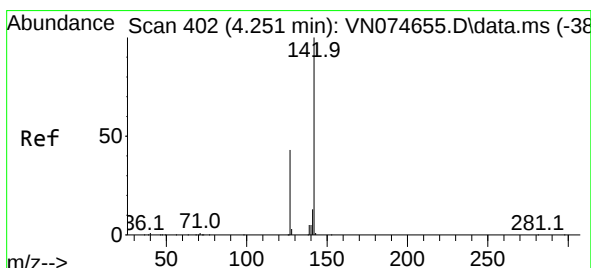
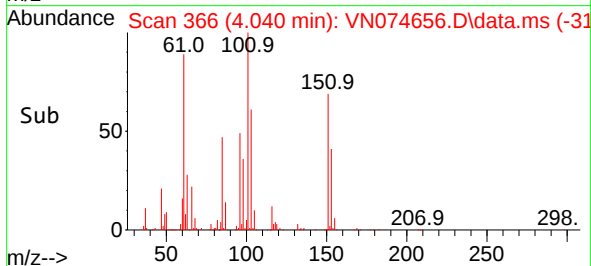
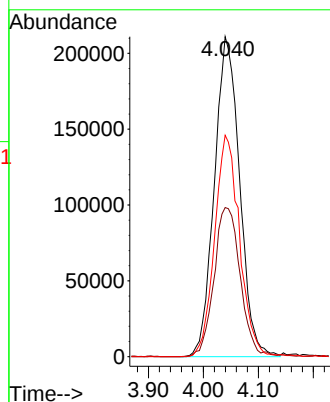
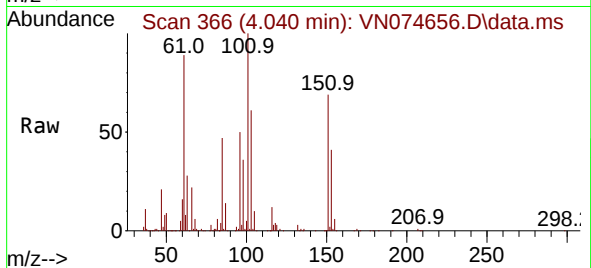
#9
1,1,2-Trichlorotrifluoroethane
Concen: 87.877 ug/l
RT: 4.040 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 673094
Ion Ratio Lower Upper
101 100
85 48.3 34.7 52.1
151 68.3 63.0 94.4

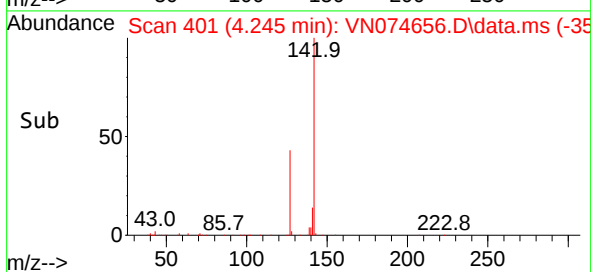
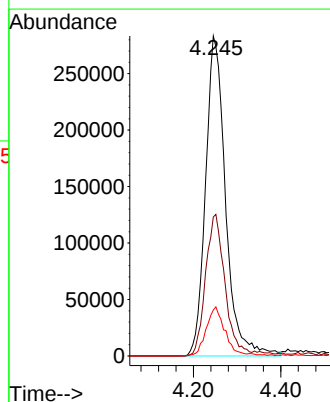
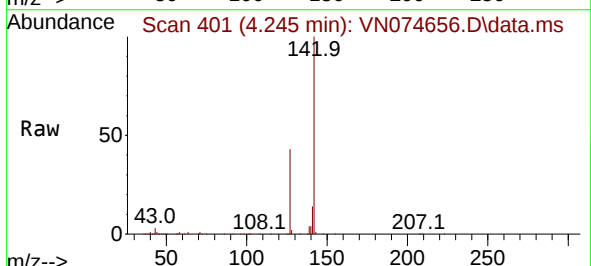
Manual Integrations
APPROVED

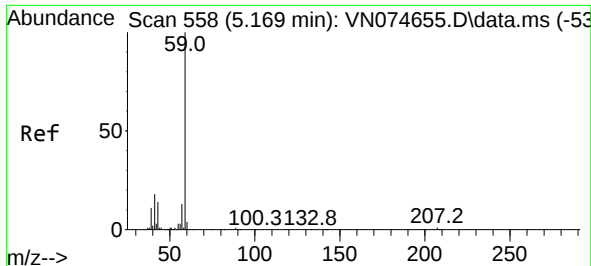
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#10
Methyl Iodide
Concen: 99.048 ug/l
RT: 4.245 min Scan# 401
Delta R.T. -0.006 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

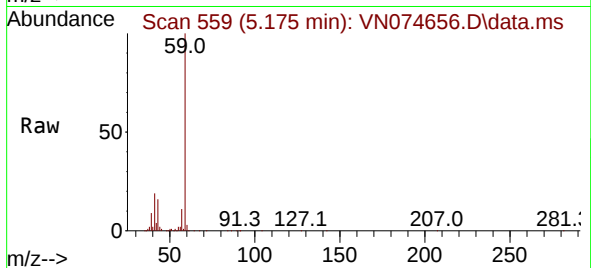
Tgt Ion:142 Resp: 901466
Ion Ratio Lower Upper
142 100
127 42.7 31.3 46.9
141 14.2 11.2 16.8





#11
Tert butyl alcohol
Concen: 436.755 ug/l
RT: 5.175 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

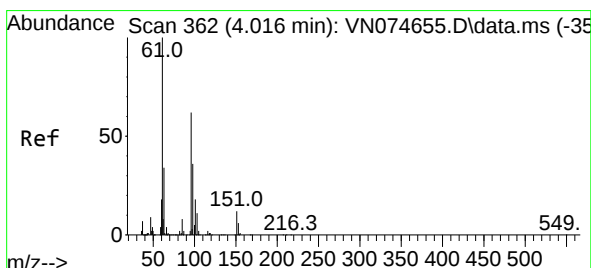
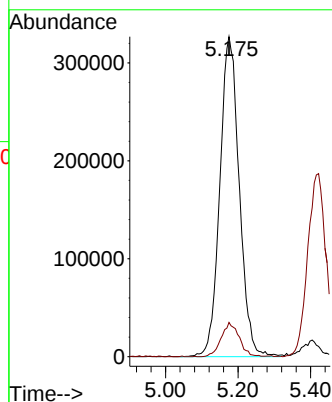
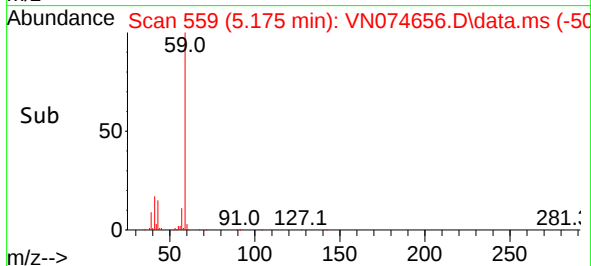
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



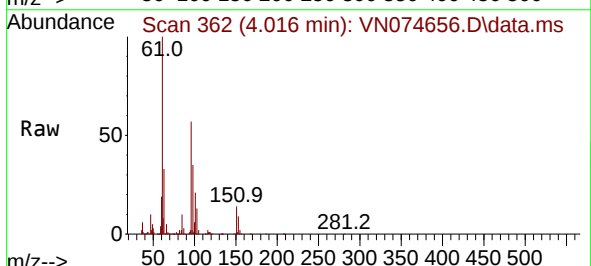
Tgt Ion: 59 Resp: 121513
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5

Manual Integrations
APPROVED

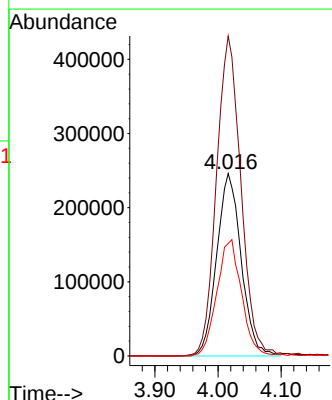
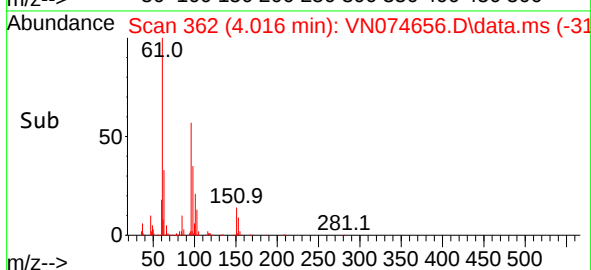
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

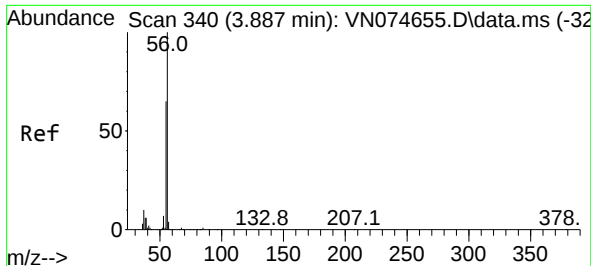


#12
1,1-Dichloroethene
Concen: 85.482 ug/l
RT: 4.016 min Scan# 362
Delta R.T. -0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44



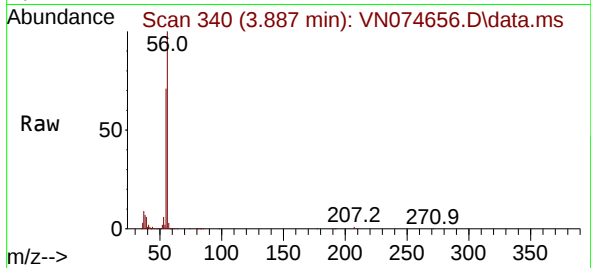
Tgt Ion: 96 Resp: 663637
Ion Ratio Lower Upper
96 100
61 175.4 127.6 191.4
98 61.7 51.2 76.8





#13
Acrolein
Concen: 468.546 ug/l
RT: 3.887 min Scan# 340
Delta R.T. 0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

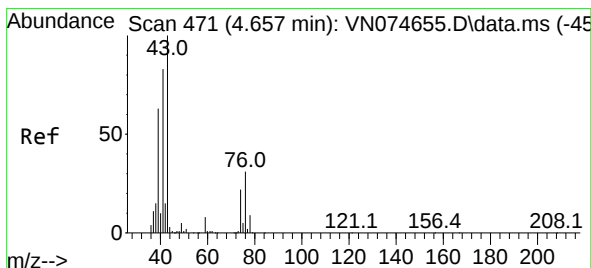
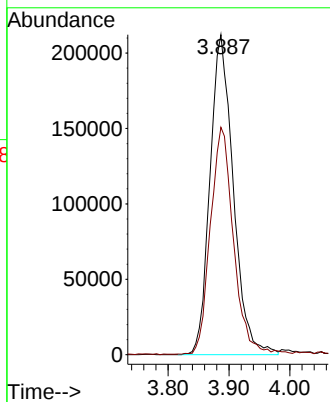
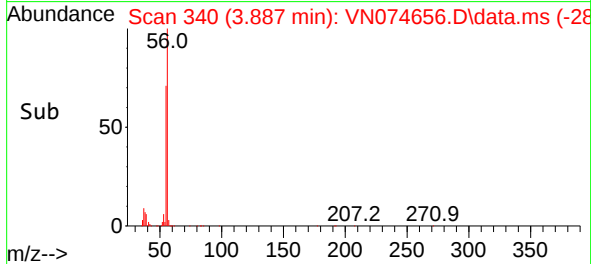
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 563300
Ion Ratio Lower Upper
56 100
55 70.2 54.8 82.2

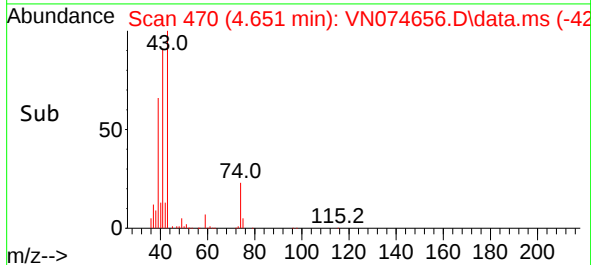
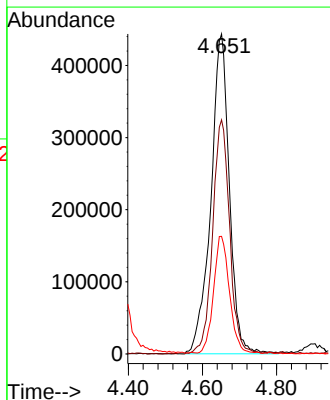
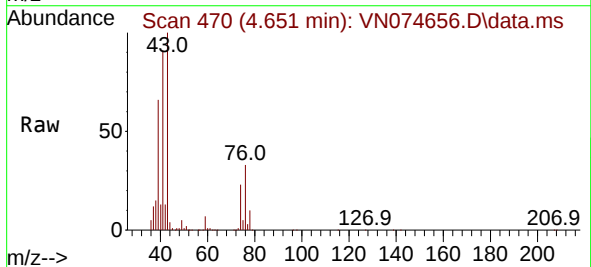
Manual Integrations
APPROVED

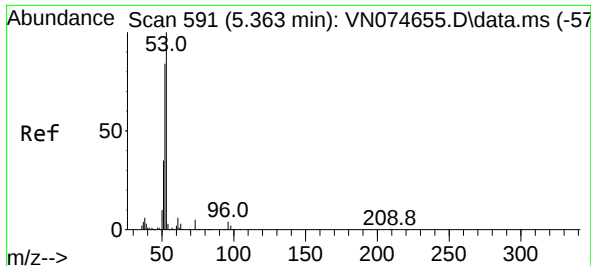
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#14
Allyl chloride
Concen: 91.962 ug/l
RT: 4.651 min Scan# 470
Delta R.T. -0.006 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

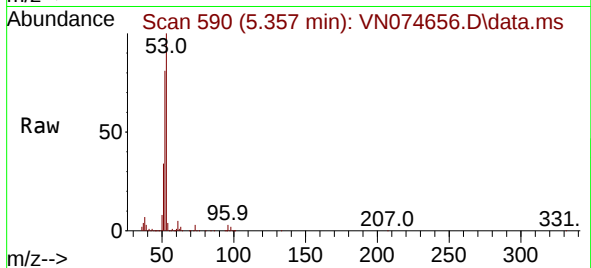
Tgt Ion: 41 Resp: 1542139
Ion Ratio Lower Upper
41 100
39 67.1 53.2 79.8
76 31.5 29.9 44.9





#15
Acrylonitrile
Concen: 479.460 ug/l
RT: 5.357 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

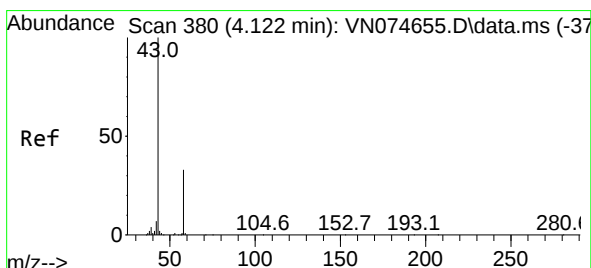
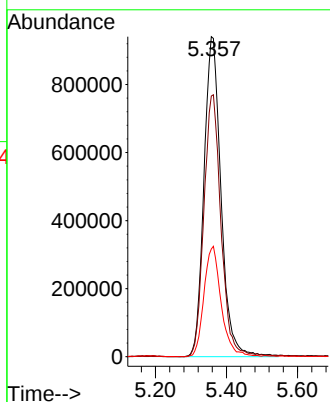
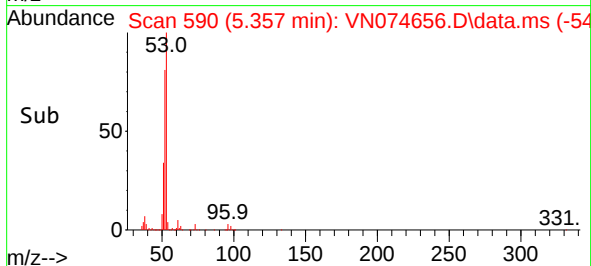
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



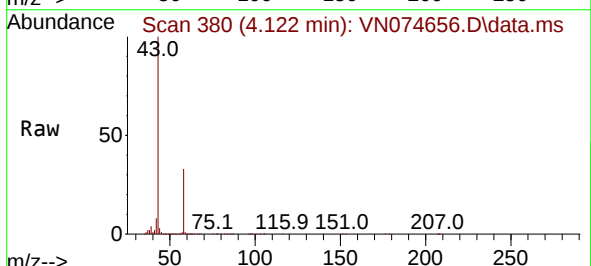
Tgt Ion: 53 Resp: 3147630
Ion Ratio Lower Upper
53 100
52 82.1 66.4 99.6
51 34.8 28.5 42.7

Manual Integrations
APPROVED

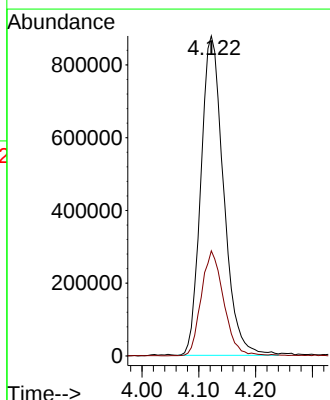
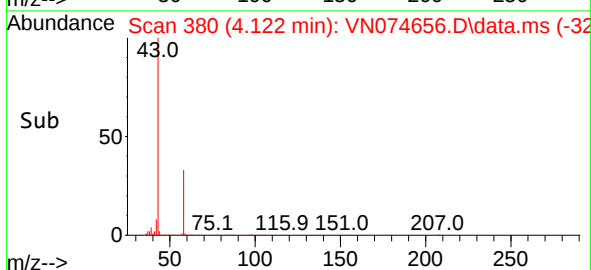
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

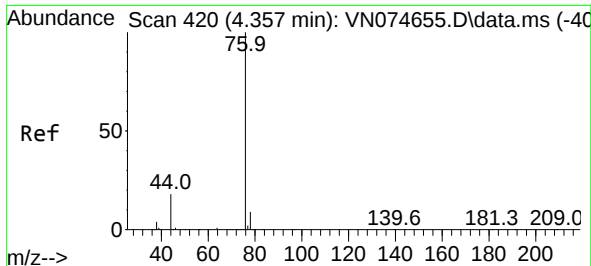


#16
Acetone
Concen: 433.528 ug/l
RT: 4.122 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44



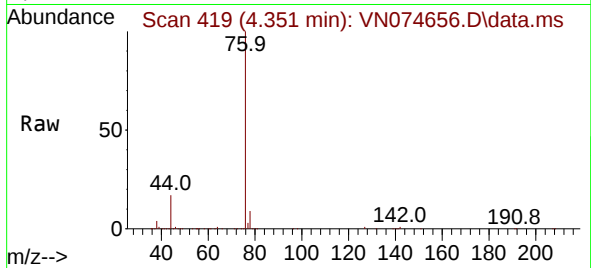
Tgt Ion: 43 Resp: 2437630
Ion Ratio Lower Upper
43 100
58 32.9 26.0 39.0





#17
Carbon Disulfide
Concen: 91.210 ug/l
RT: 4.351 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

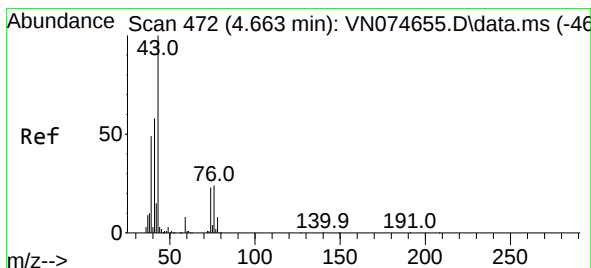
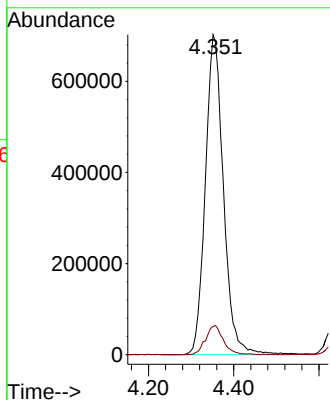
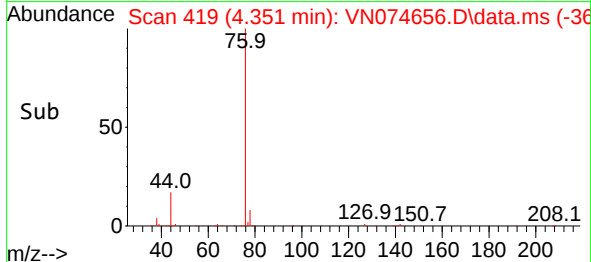
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 76 Resp: 2066500
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

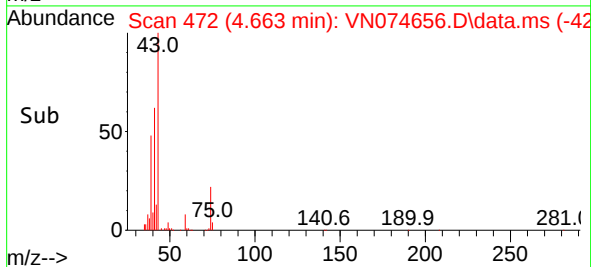
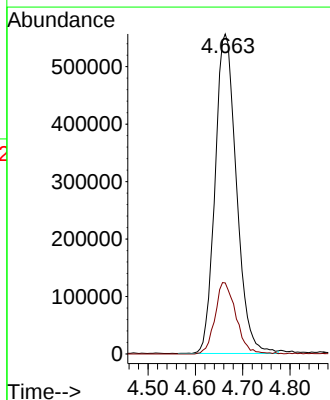
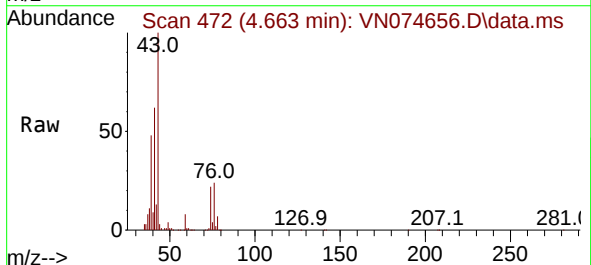
Manual Integrations
APPROVED

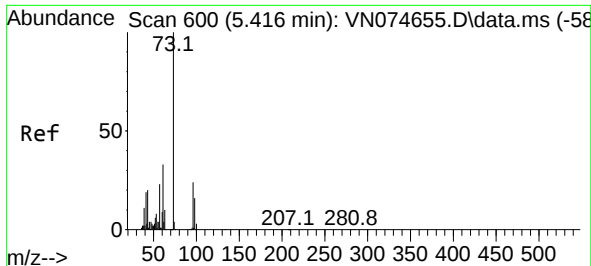
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#18
Methyl Acetate
Concen: 90.641 ug/l
RT: 4.663 min Scan# 472
Delta R.T. -0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

Tgt Ion: 43 Resp: 1744614
Ion Ratio Lower Upper
43 100
74 21.8 21.6 32.4





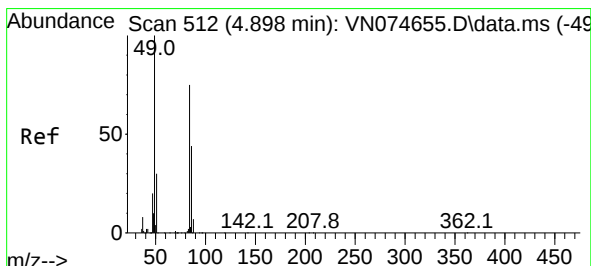
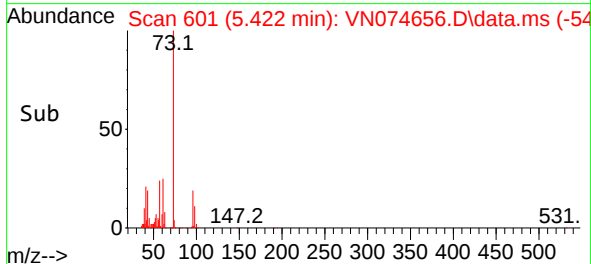
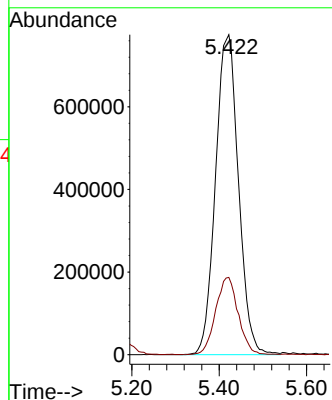
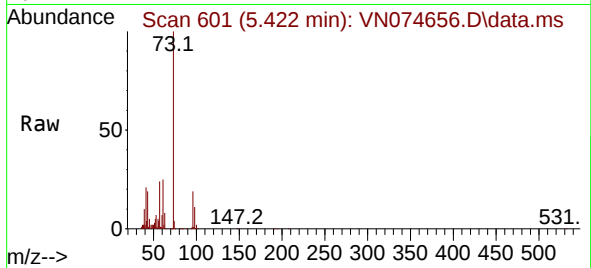
#19
Methyl tert-butyl Ether
Concen: 95.122 ug/l
RT: 5.422 min Scan# 601
Delta R.T. 0.006 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 281848
Ion Ratio Lower Upper
73 100
57 24.1 17.6 26.4

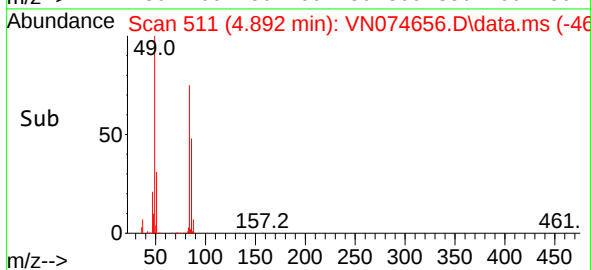
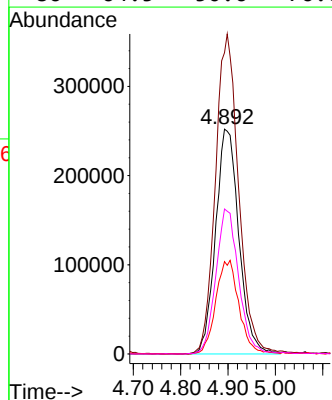
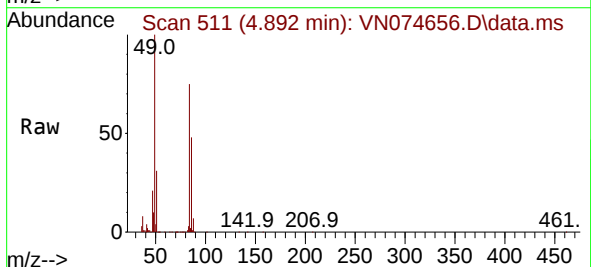
Manual Integrations
APPROVED

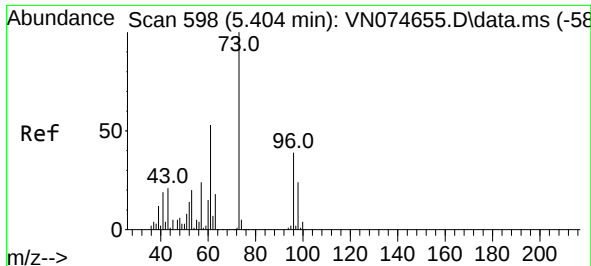
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#20
Methylene Chloride
Concen: 80.757 ug/l
RT: 4.892 min Scan# 511
Delta R.T. -0.006 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

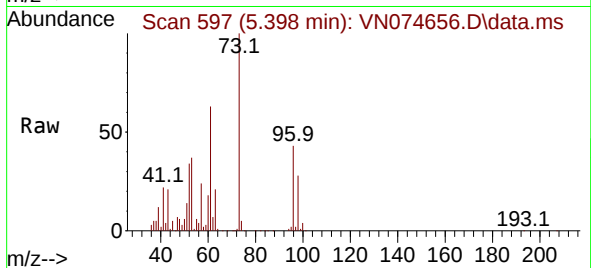
Tgt Ion: 84 Resp: 861914
Ion Ratio Lower Upper
84 100
49 133.9 88.3 132.5#
51 41.1 28.2 42.2
86 64.5 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 92.060 ug/l
RT: 5.398 min Scan# 598
Delta R.T. -0.006 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

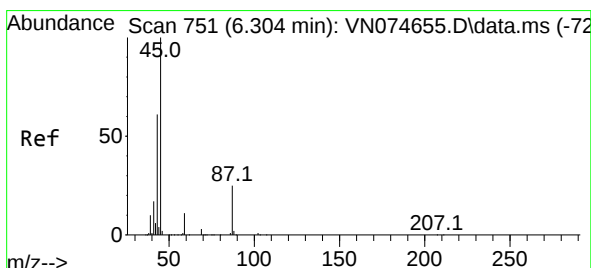
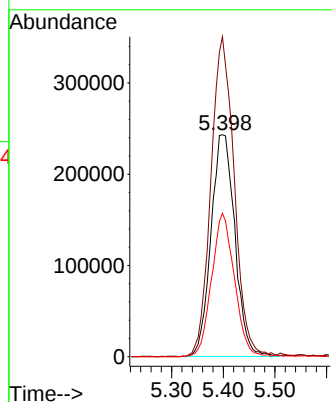
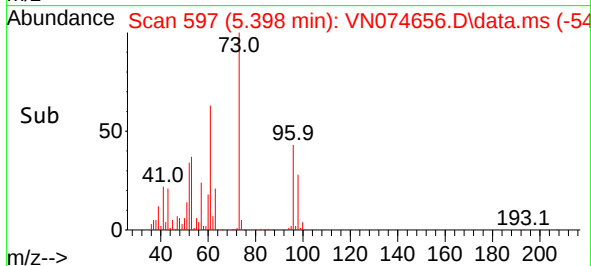
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 96 Resp: 780772
Ion Ratio Lower Upper
96 100
61 144.3 105.8 158.8
98 64.7 50.3 75.5

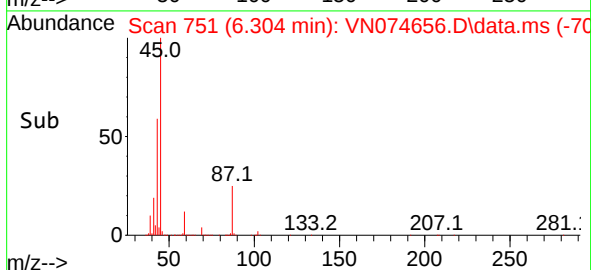
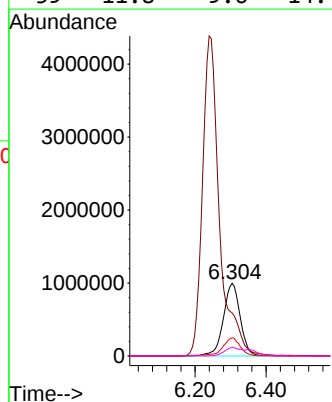
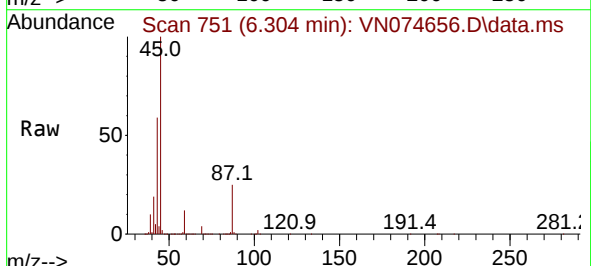
Manual Integrations
APPROVED

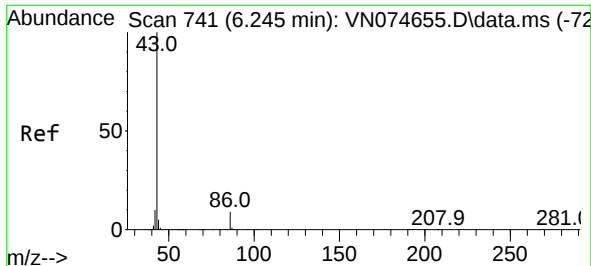
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#22
Diisopropyl ether
Concen: 95.634 ug/l
RT: 6.304 min Scan# 751
Delta R.T. -0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

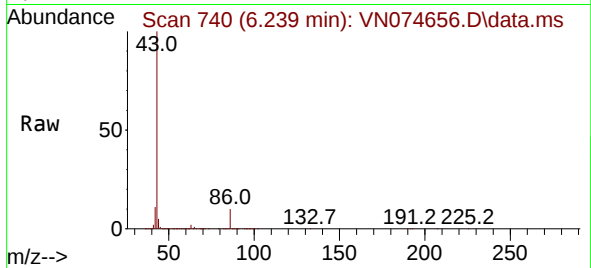
Tgt Ion: 45 Resp: 3262476
Ion Ratio Lower Upper
45 100
43 59.2 46.6 70.0
87 24.7 24.3 36.5
59 11.8 9.6 14.4





#23
 Vinyl Acetate
 Concen: 487.556 ug/l
 RT: 6.239 min Scan# 741
 Delta R.T. -0.006 min
 Lab File: VN074656.D
 Acq: 29 Sep 2022 15:44

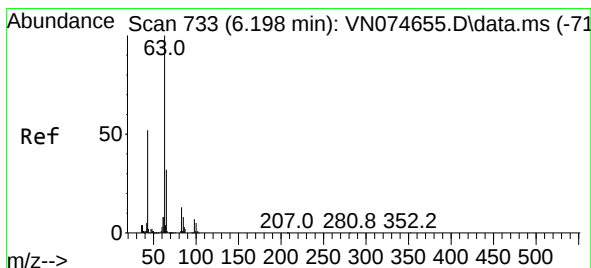
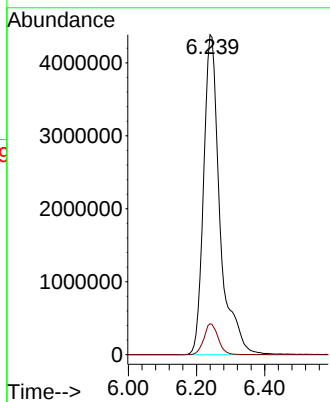
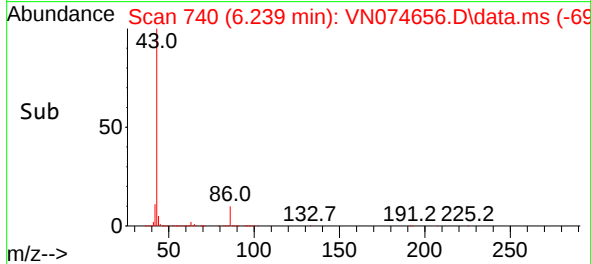
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



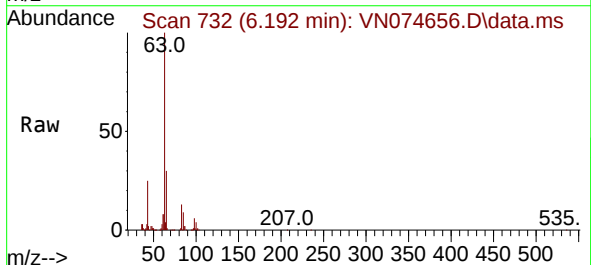
Tgt Ion: 43 Resp: 1461860
 Ion Ratio Lower Upper
 43 100
 86 9.6 10.0 15.0

Manual Integrations
 APPROVED

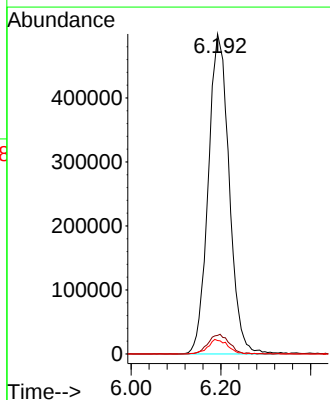
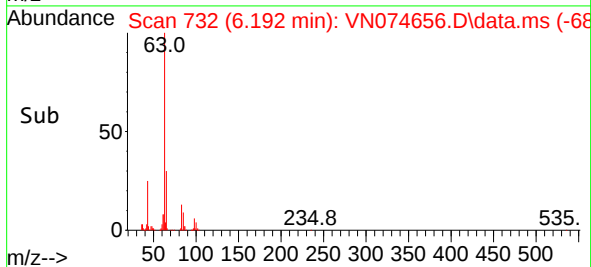
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/05/2022

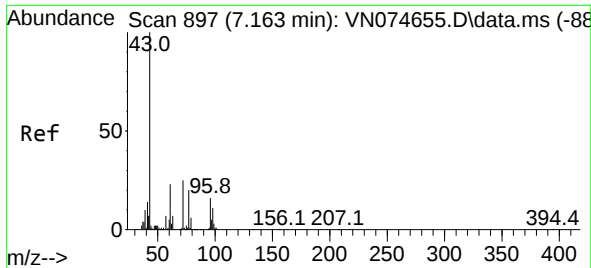


#24
 1,1-Dichloroethane
 Concen: 92.993 ug/l
 RT: 6.192 min Scan# 732
 Delta R.T. -0.006 min
 Lab File: VN074656.D
 Acq: 29 Sep 2022 15:44



Tgt Ion: 63 Resp: 1618827
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.5 10.4
 100 4.2 2.3 6.8





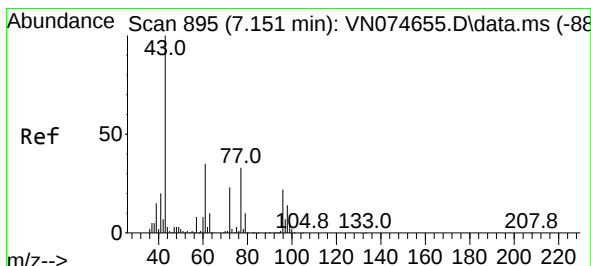
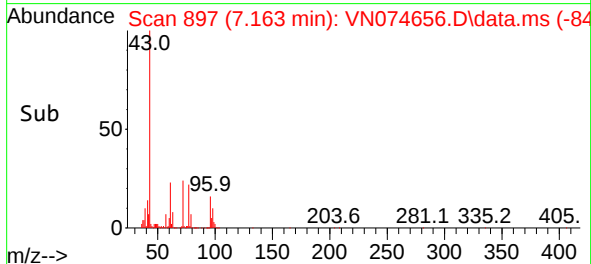
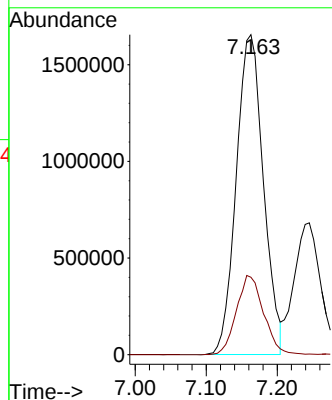
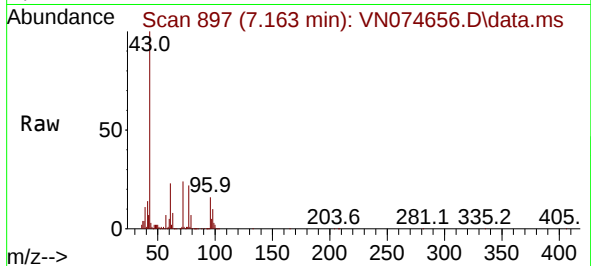
#25
2-Butanone
Concen: 459.636 ug/l
RT: 7.163 min Scan# 897
Delta R.T. -0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC100

Tgt Ion: 43 Resp: 4407449
Ion Ratio Lower Upper
43 100
72 24.2 23.7 35.5

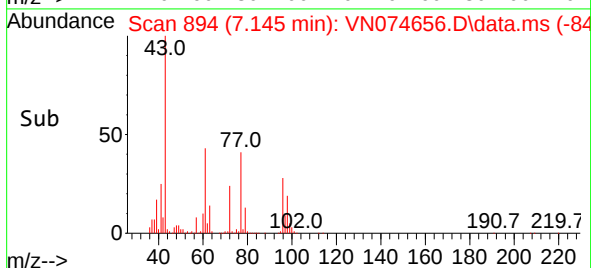
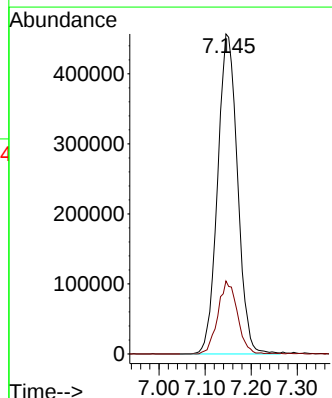
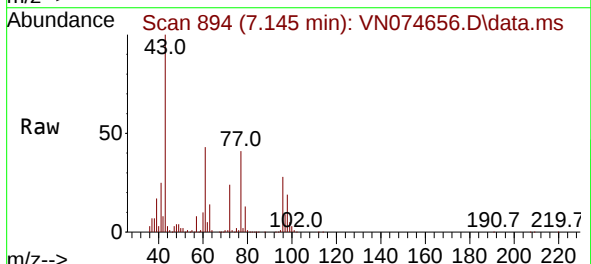
Manual Integrations
APPROVED

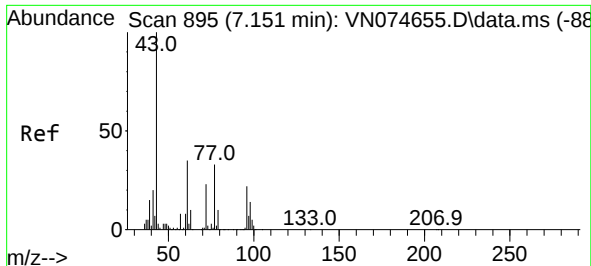
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#26
2,2-Dichloropropane
Concen: 92.435 ug/l
RT: 7.145 min Scan# 894
Delta R.T. -0.006 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

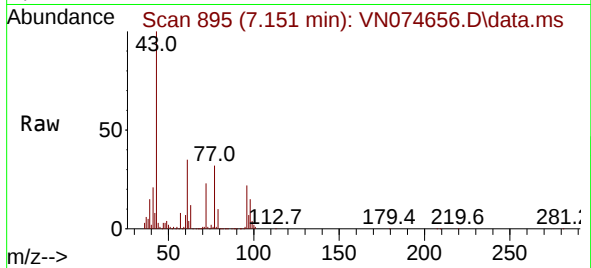
Tgt Ion: 77 Resp: 1368445
Ion Ratio Lower Upper
77 100
97 22.4 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 87.250 ug/l
 RT: 7.151 min Scan# 895
 Delta R.T. 0.000 min
 Lab File: VN074656.D
 Acq: 29 Sep 2022 15:44

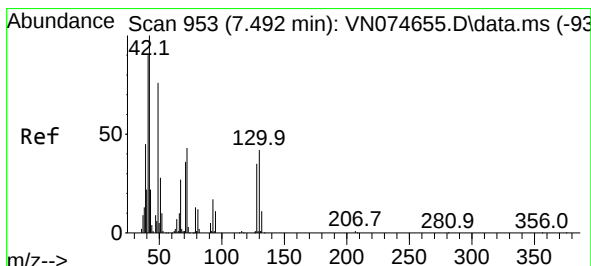
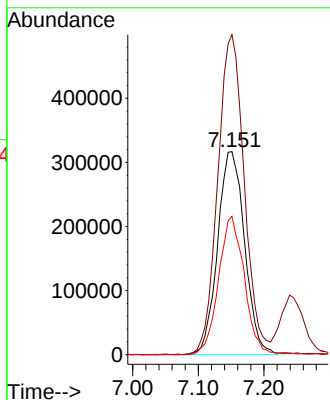
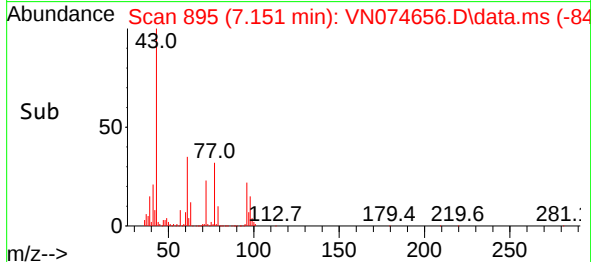
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 96 Resp: 905098
 Ion Ratio Lower Upper
 96 100
 61 155.0 0.0 280.6
 98 64.9 0.0 128.4

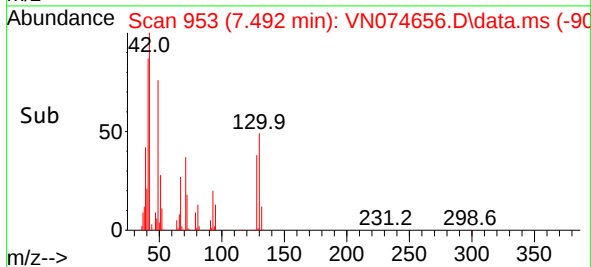
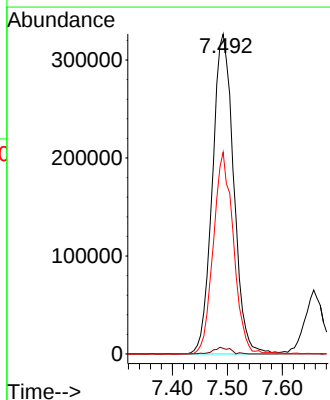
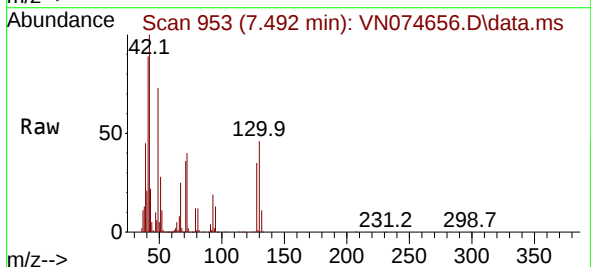
Manual Integrations
 APPROVED

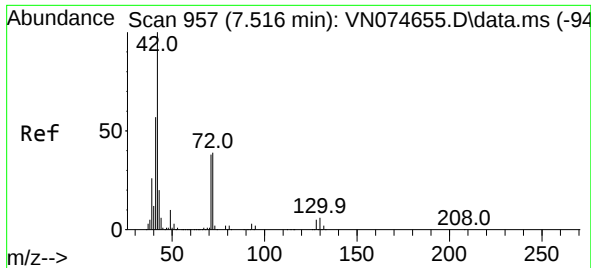
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#28
 Bromochloromethane
 Concen: 111.072 ug/l
 RT: 7.492 min Scan# 953
 Delta R.T. 0.000 min
 Lab File: VN074656.D
 Acq: 29 Sep 2022 15:44

Tgt Ion: 49 Resp: 877940
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 59.4 69.7 104.5#





#29

Tetrahydrofuran

Concen: 478.933 ug/l

RT: 7.516 min Scan# 957

Delta R.T. 0.000 min

Lab File: VN074656.D

Acq: 29 Sep 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 42 Resp: 3030178

Ion Ratio Lower Upper

42 100

72 40.3 39.7 59.5

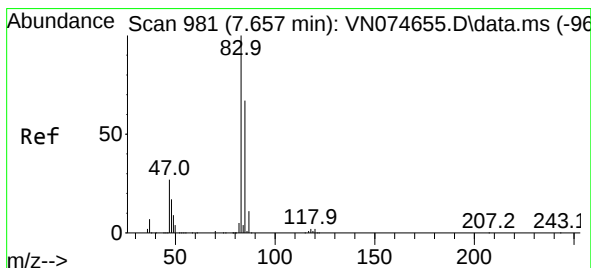
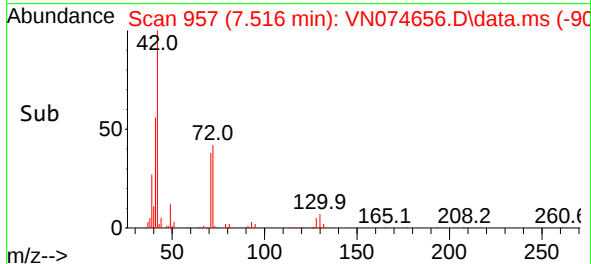
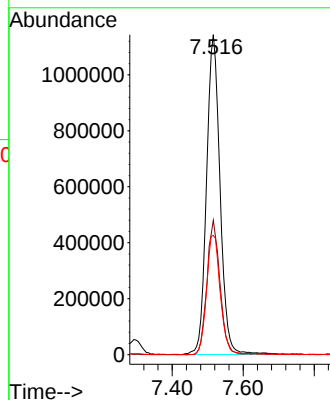
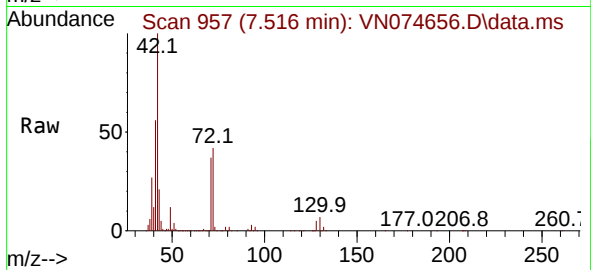
71 37.8 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#30

Chloroform

Concen: 98.144 ug/l

RT: 7.657 min Scan# 981

Delta R.T. 0.000 min

Lab File: VN074656.D

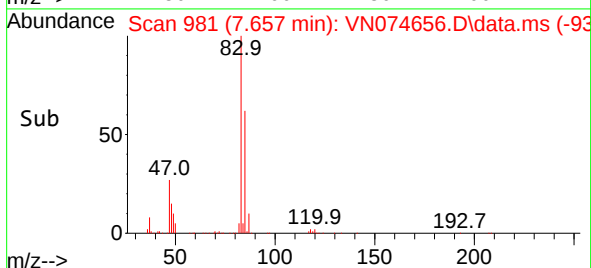
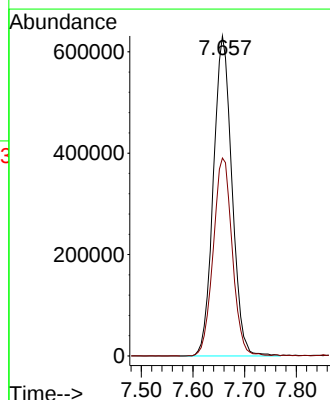
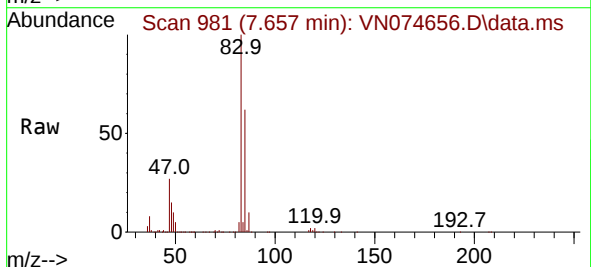
Acq: 29 Sep 2022 15:44

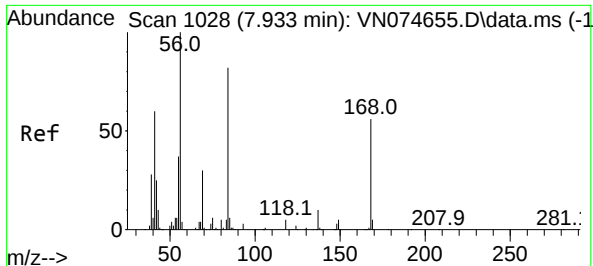
Tgt Ion: 83 Resp: 1574517

Ion Ratio Lower Upper

83 100

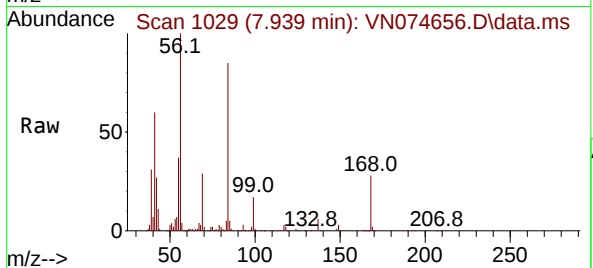
85 61.9 51.8 77.8





#31
Cyclohexane
Concen: 89.197 ug/l
RT: 7.939 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

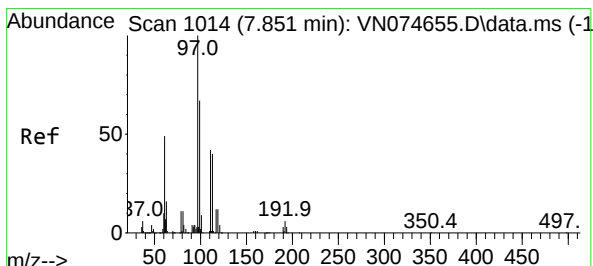
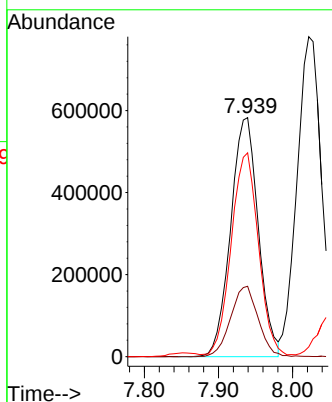
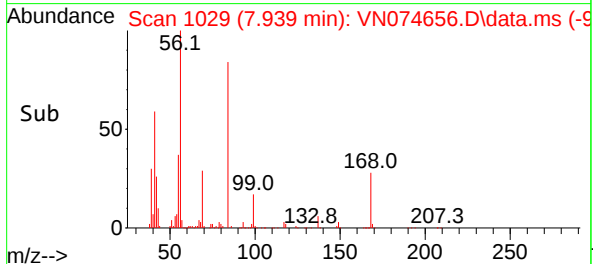
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



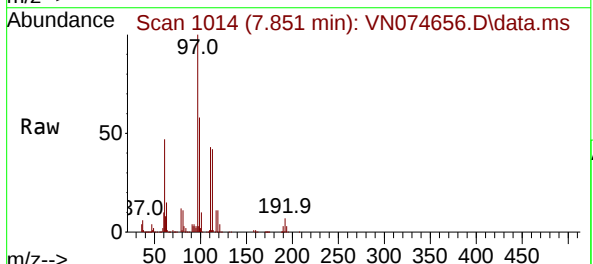
Tgt Ion: 56 Resp: 1509672
Ion Ratio Lower Upper
56 100
69 29.5 27.8 41.8
84 83.8 76.9 115.3

Manual Integrations
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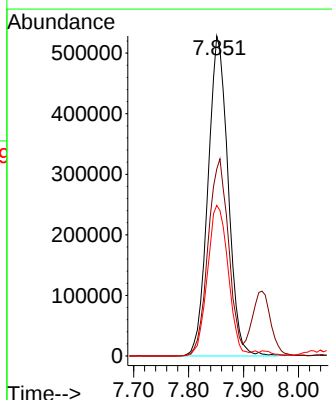
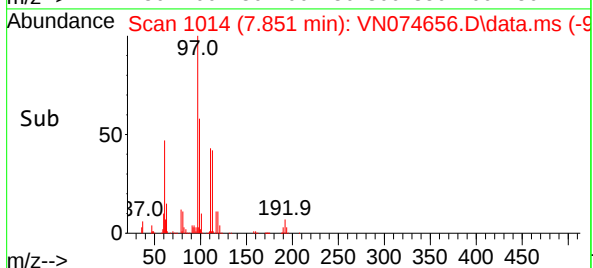
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

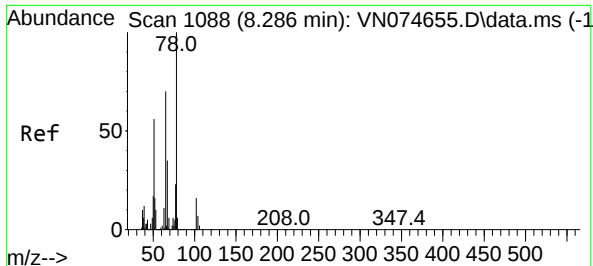


#32
1,1,1-Trichloroethane
Concen: 95.330 ug/l
RT: 7.851 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44



Tgt Ion: 97 Resp: 1342102
Ion Ratio Lower Upper
97 100
99 62.9 50.6 76.0
61 48.7 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 102.836 ug/l

RT: 8.286 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN074656.D

Acq: 29 Sep 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 107131

Ion Ratio Lower Upper

65 100

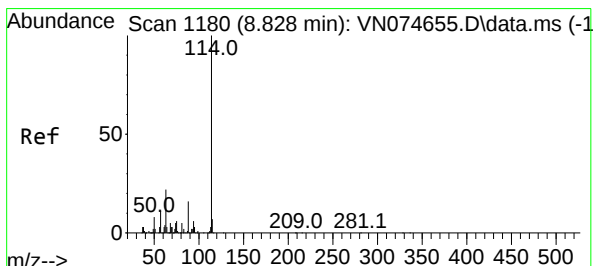
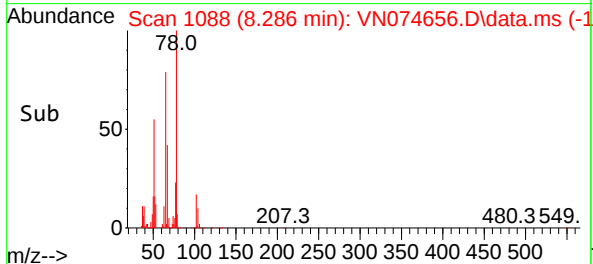
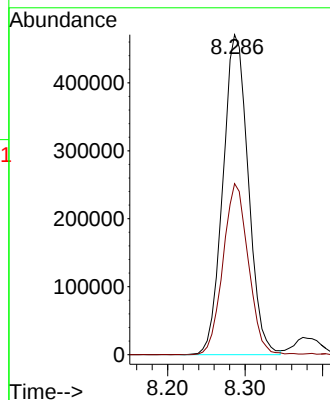
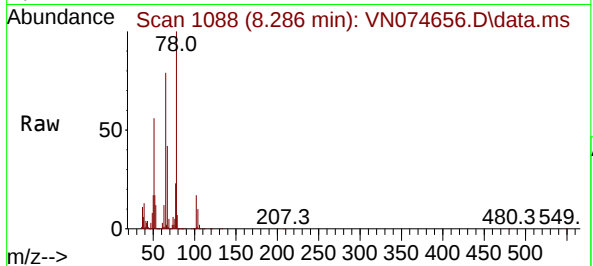
67 53.4 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.828 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VN074656.D

Acq: 29 Sep 2022 15:44

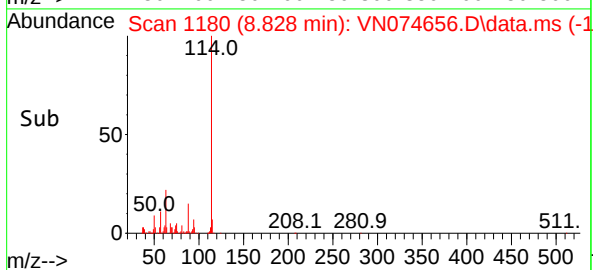
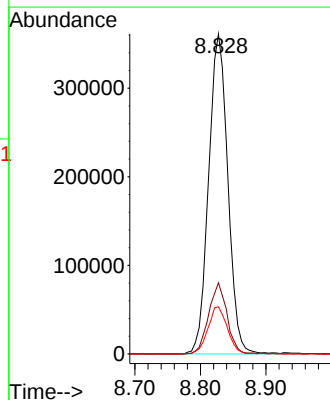
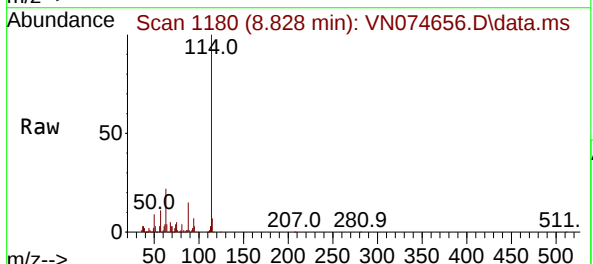
Tgt Ion:114 Resp: 735738

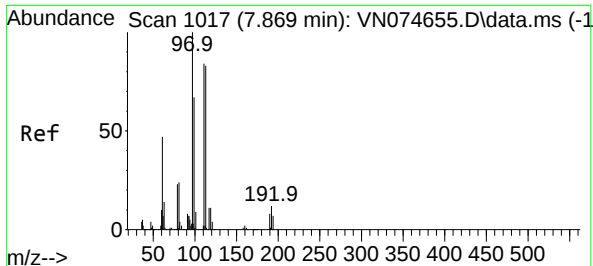
Ion Ratio Lower Upper

114 100

63 22.2 0.0 40.0

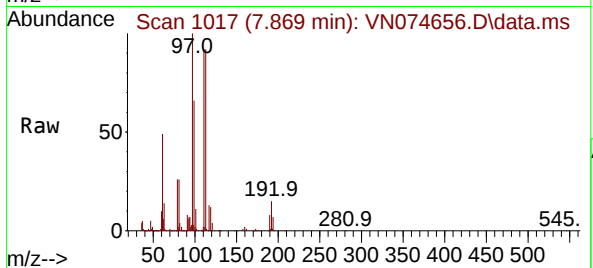
88 14.8 0.0 32.6





#35
Dibromofluoromethane
Concen: 101.994 ug/l
RT: 7.869 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

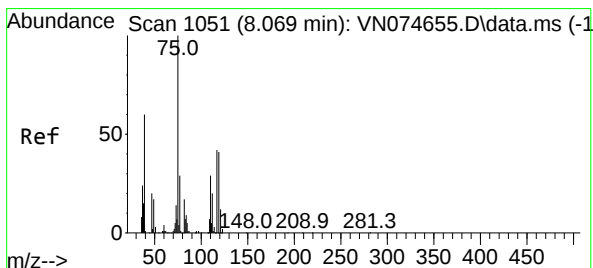
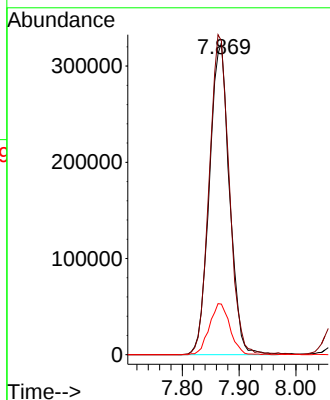
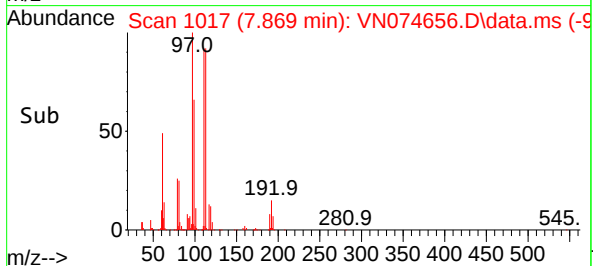
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:113 Resp: 794274
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 16.8 17.0 25.6

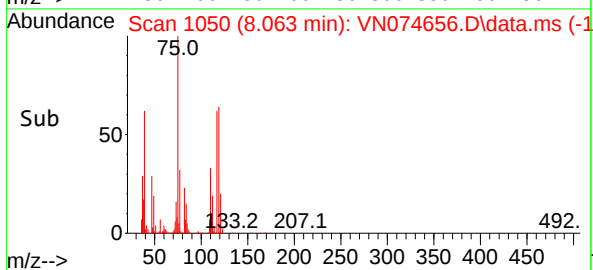
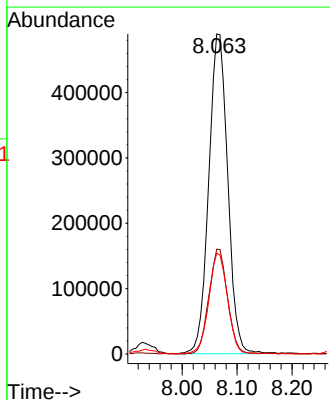
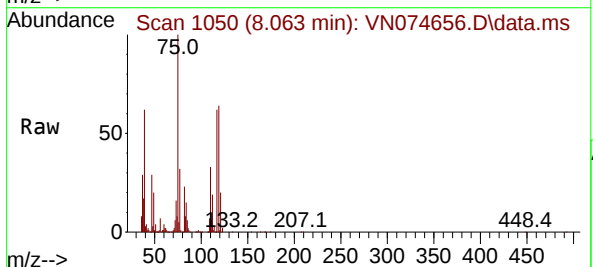
Manual Integrations
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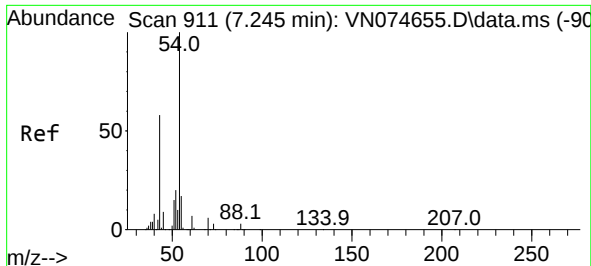
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#36
1,1-Dichloropropene
Concen: 94.262 ug/l
RT: 8.063 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

Tgt Ion: 75 Resp: 1175592
Ion Ratio Lower Upper
75 100
110 32.3 18.3 54.8
77 30.9 25.1 37.7





#37

Ethyl Acetate

Concen: 98.222 ug/l

RT: 7.245 min Scan# 911

Delta R.T. -0.000 min

Lab File: VN074656.D

Acq: 29 Sep 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 181635

Ion Ratio Lower Upper

43 100

61 12.3 11.8 17.6

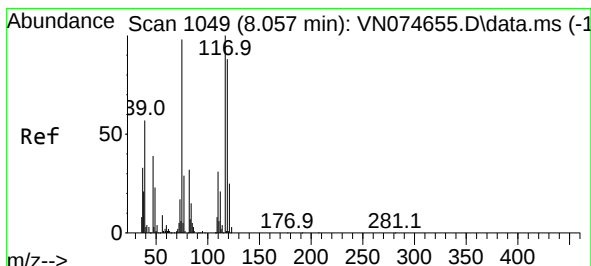
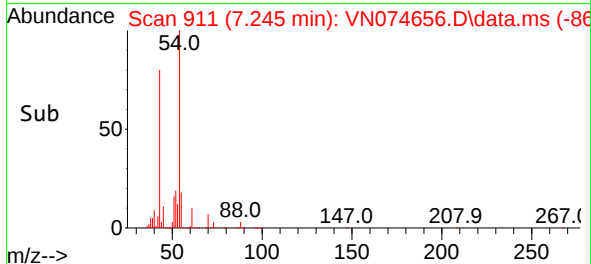
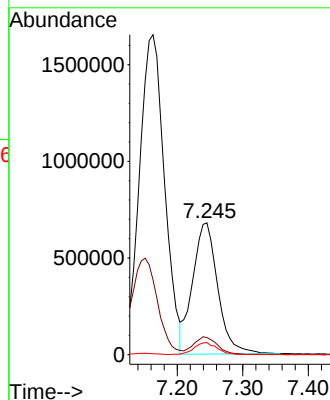
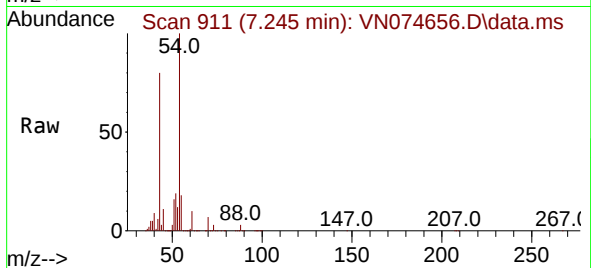
70 8.4 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#38

Carbon Tetrachloride

Concen: 98.873 ug/l

RT: 8.045 min Scan# 1047

Delta R.T. -0.012 min

Lab File: VN074656.D

Acq: 29 Sep 2022 15:44

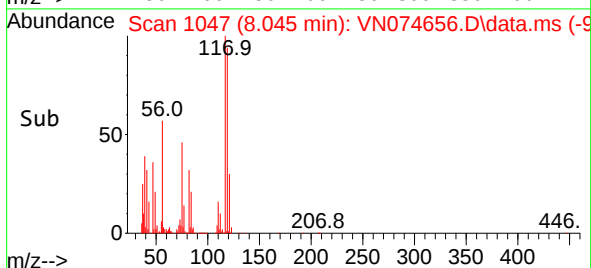
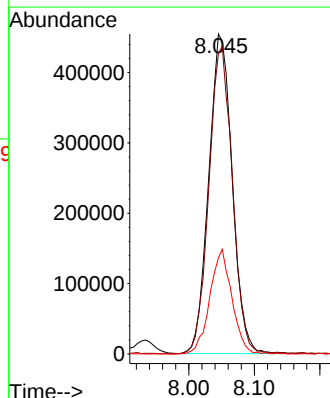
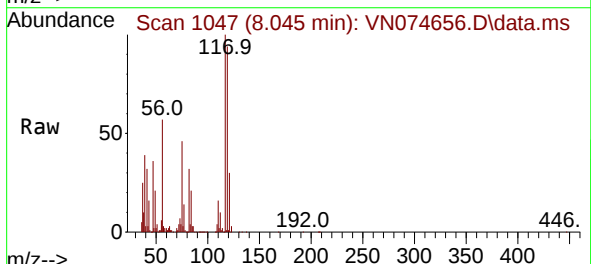
Tgt Ion:117 Resp: 1129694

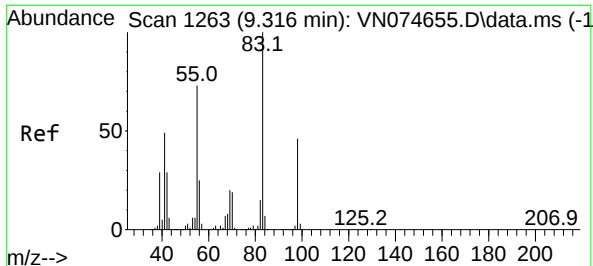
Ion Ratio Lower Upper

117 100

119 93.9 75.8 113.8

121 30.0 24.6 37.0





#39

Methylcyclohexane

Concen: 97.746 ug/l

RT: 9.322 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN074656.D

Acq: 29 Sep 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 152189

Ion Ratio Lower Upper

83 100

55 72.8 57.8 86.8

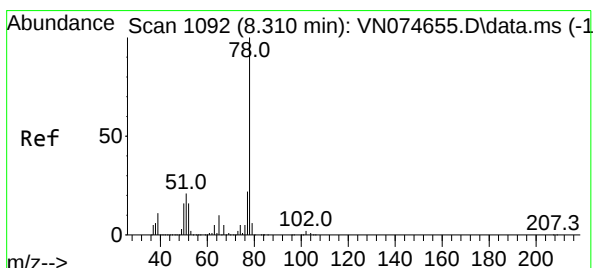
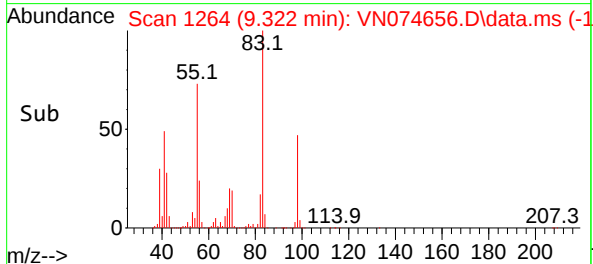
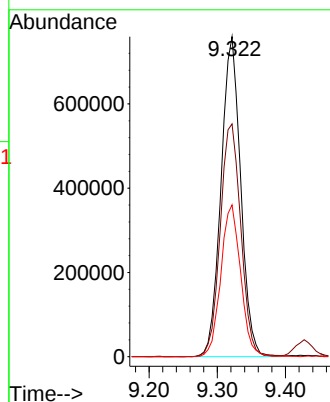
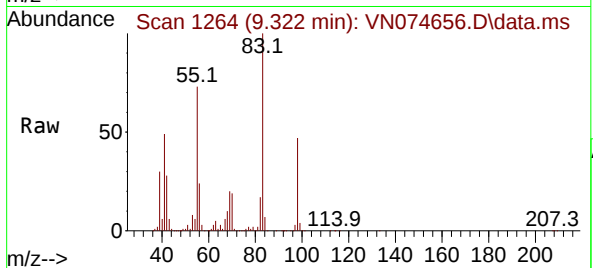
98 47.5 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#40

Benzene

Concen: 97.021 ug/l

RT: 8.310 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN074656.D

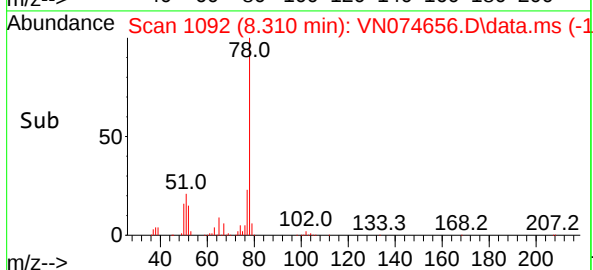
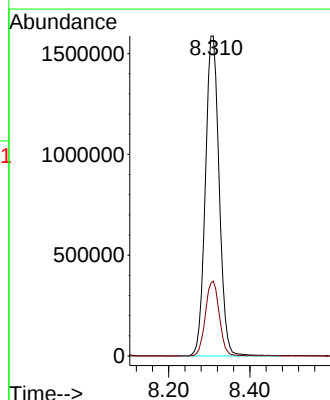
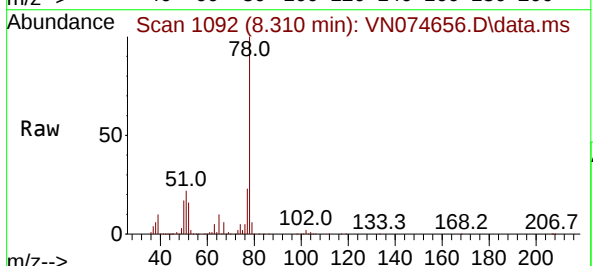
Acq: 29 Sep 2022 15:44

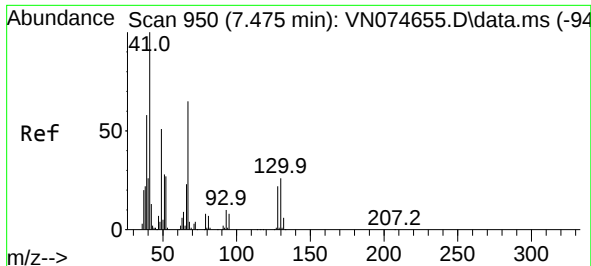
Tgt Ion: 78 Resp: 3729459

Ion Ratio Lower Upper

78 100

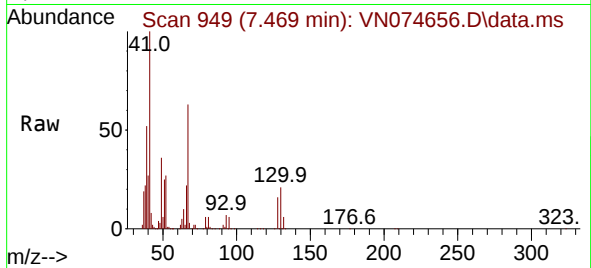
77 23.4 19.4 29.0





#41
Methacrylonitrile
Concen: 106.754 ug/l
RT: 7.469 min Scan# 949
Delta R.T. -0.006 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

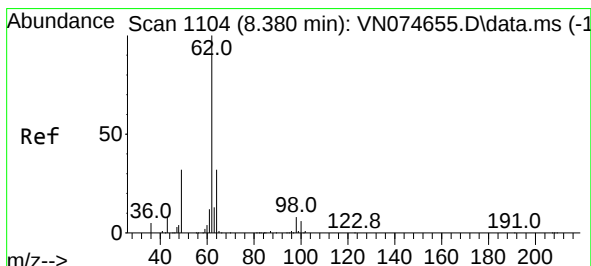
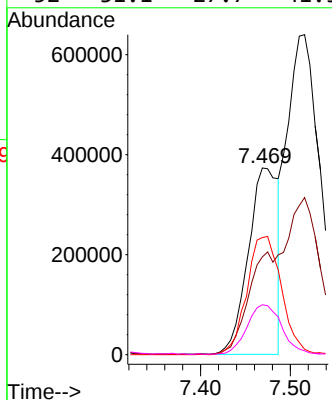
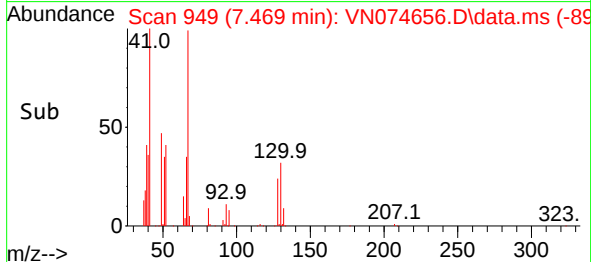
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 41 Resp: 862439
Ion Ratio Lower Upper
41 100
39 46.8 48.6 73.0
67 73.8 73.4 110.2
52 31.1 27.7 41.5

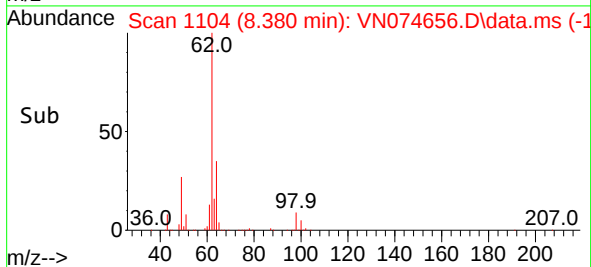
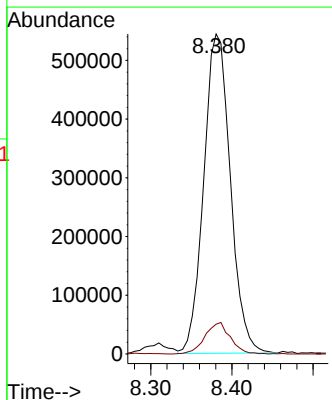
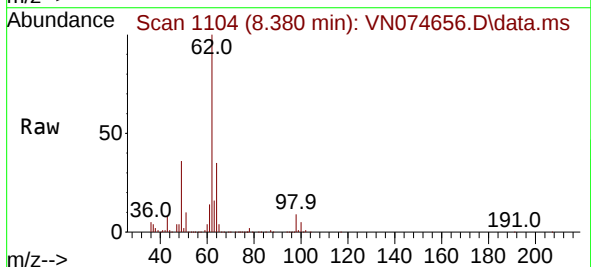
Manual Integrations
APPROVED

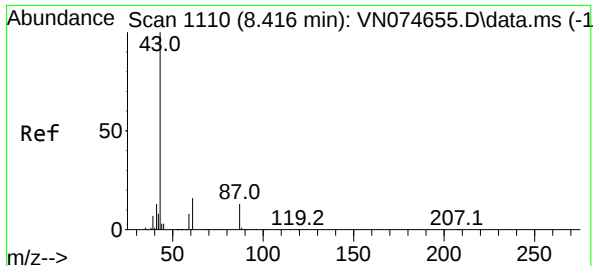
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#42
1,2-Dichloroethane
Concen: 95.917 ug/l
RT: 8.380 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

Tgt Ion: 62 Resp: 1238639
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.4





#43

Isopropyl Acetate

Concen: 96.687 ug/l

RT: 8.416 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN074656.D

Acq: 29 Sep 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

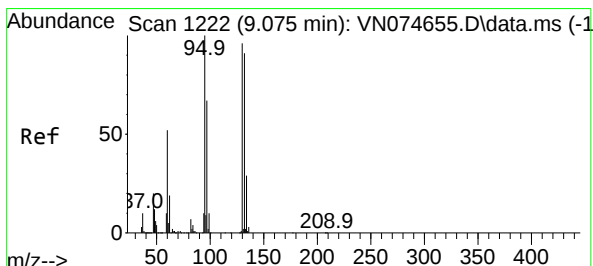
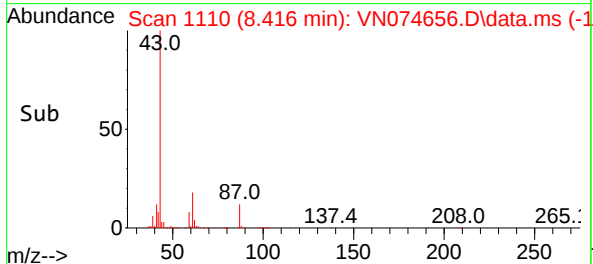
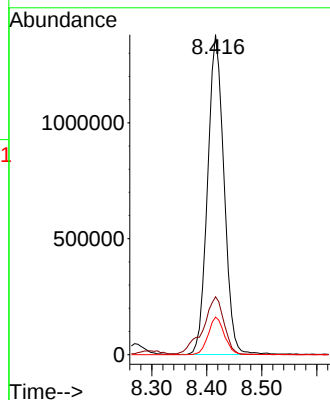
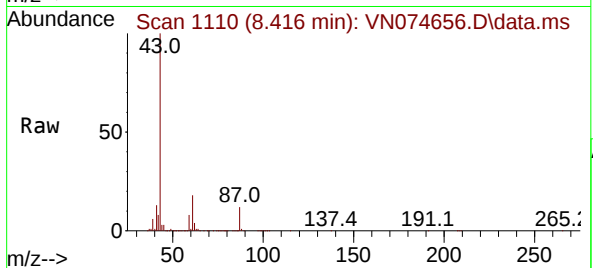
Tgt Ion: 43 Resp: 2852875
 Ion Ratio Lower Upper
 43 100
 61 23.3 21.9 32.9
 87 11.7 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#44

Trichloroethene

Concen: 97.857 ug/l

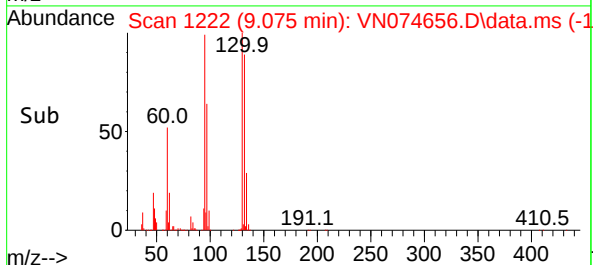
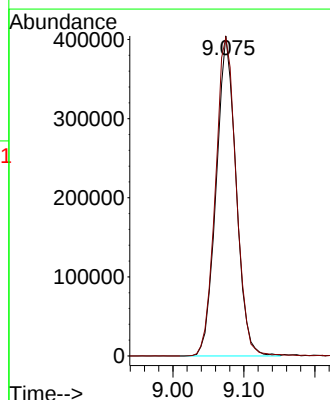
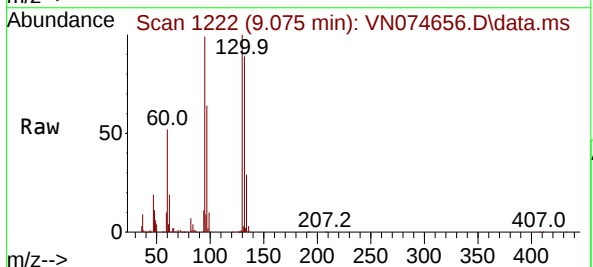
RT: 9.075 min Scan# 1222

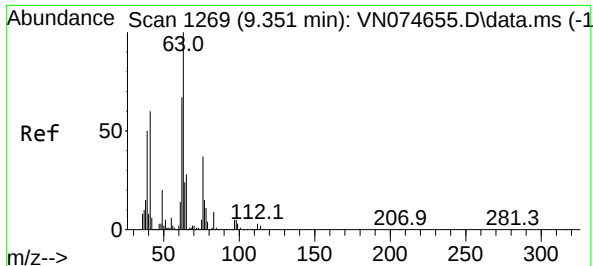
Delta R.T. 0.000 min

Lab File: VN074656.D

Acq: 29 Sep 2022 15:44

Tgt Ion:130 Resp: 783683
 Ion Ratio Lower Upper
 130 100
 95 99.4 0.0 186.8





#45

1,2-Dichloropropane

Concen: 94.878 ug/l

RT: 9.351 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VN074656.D

Acq: 29 Sep 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 992855

Ion Ratio Lower Upper

63 100

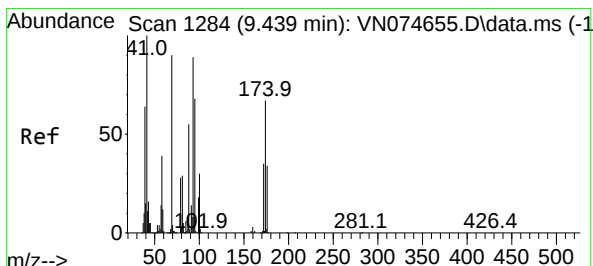
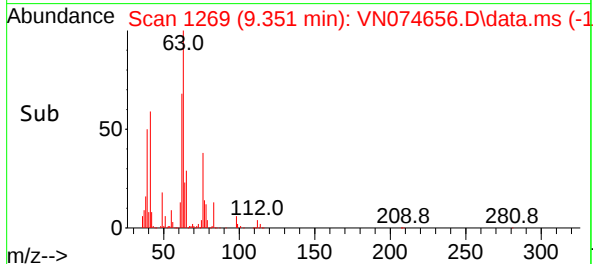
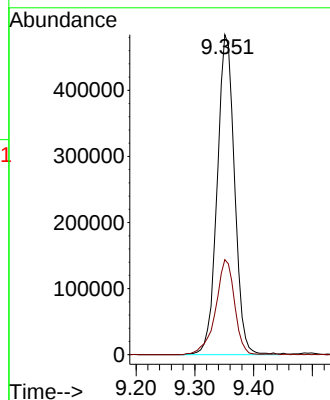
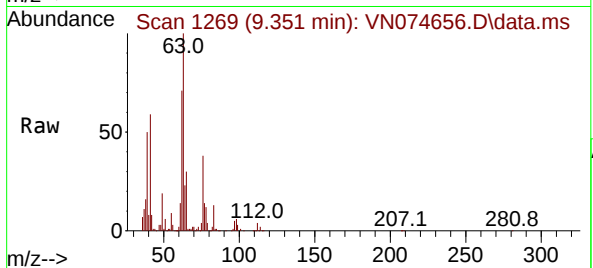
65 29.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#46

Dibromomethane

Concen: 94.724 ug/l

RT: 9.439 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VN074656.D

Acq: 29 Sep 2022 15:44

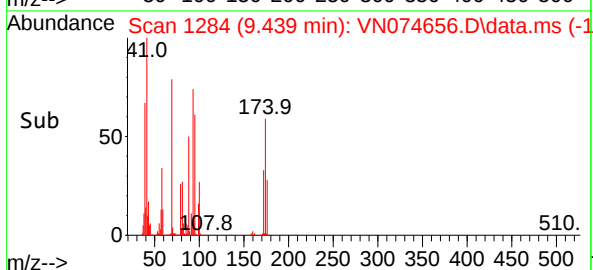
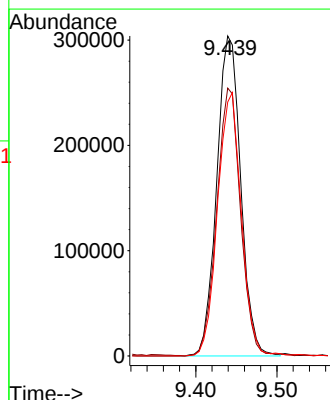
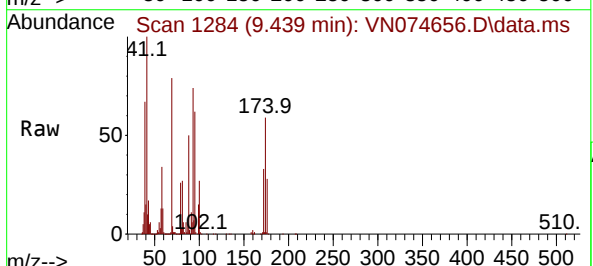
Tgt Ion: 93 Resp: 624795

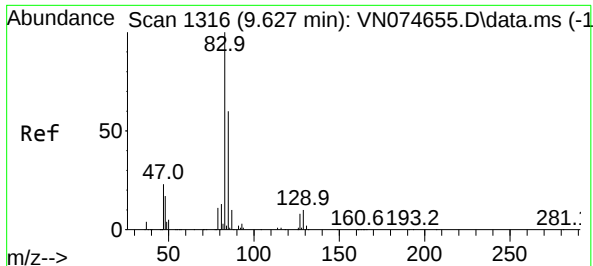
Ion Ratio Lower Upper

93 100

95 83.1 66.9 100.3

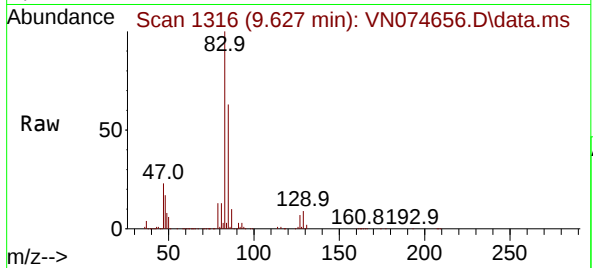
174 81.6 86.6 130.0#





#47
Bromodichloromethane
Concen: 97.940 ug/l
RT: 9.627 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

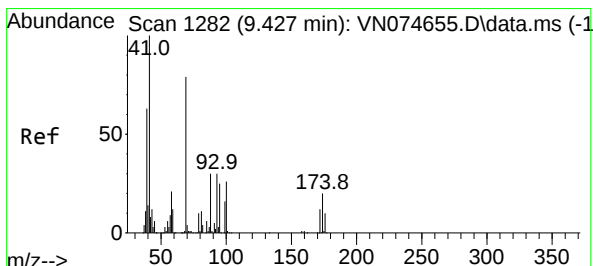
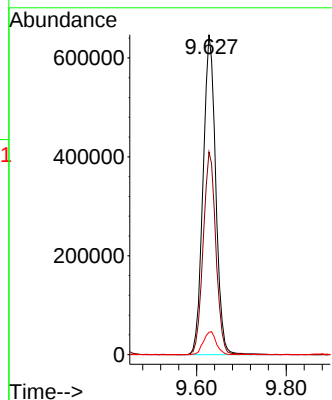
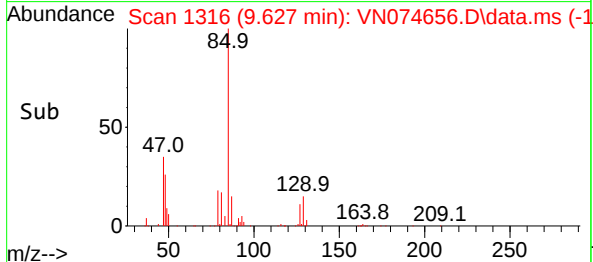
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



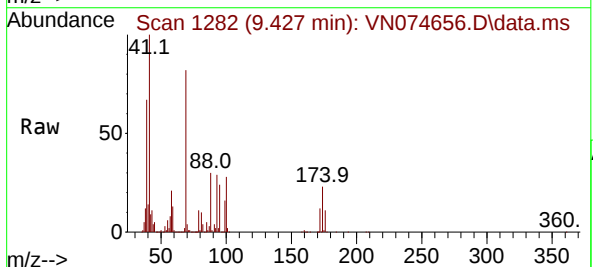
Tgt Ion: 83 Resp: 126255
Ion Ratio Lower Upper
83 100
85 63.4 50.5 75.7
127 7.0 6.8 10.2

Manual Integrations
APPROVED

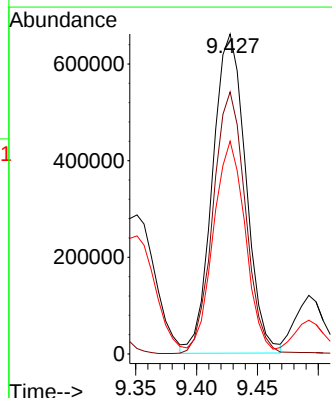
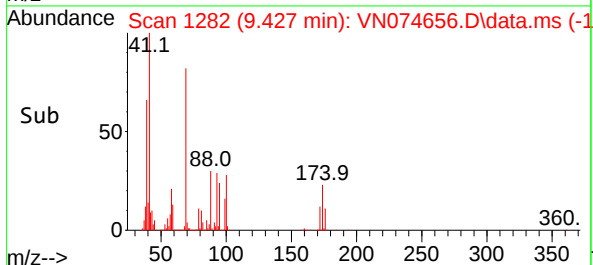
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

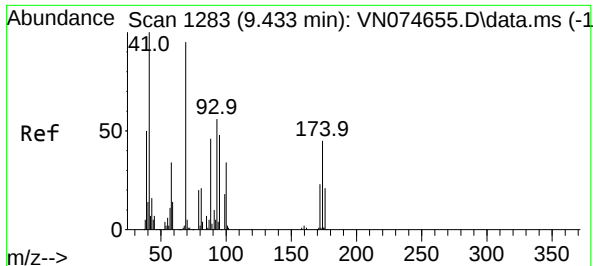


#48
Methyl methacrylate
Concen: 103.093 ug/l
RT: 9.427 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44



Tgt Ion: 41 Resp: 1253534
Ion Ratio Lower Upper
41 100
69 80.1 74.7 112.1
39 61.4 45.6 68.4





#49

1,4-Dioxane

Concen: 1916.126 ug/l

RT: 9.433 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VN074656.D

Acq: 29 Sep 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 88 Resp: 444415

Ion Ratio Lower Upper

88 100

43 34.2 20.2 30.4

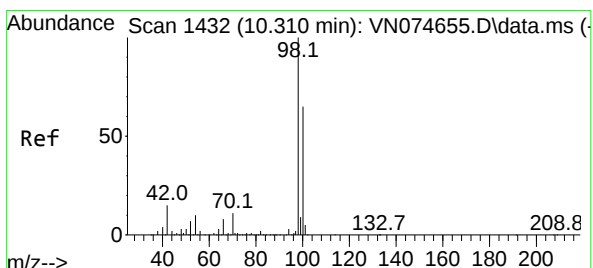
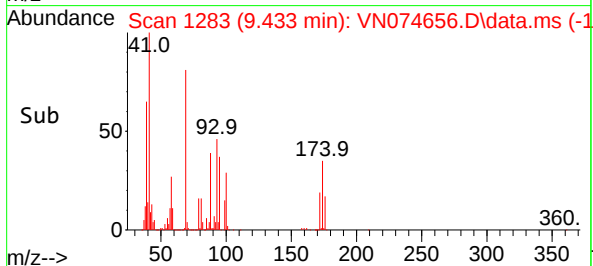
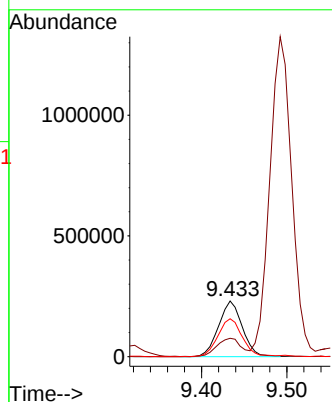
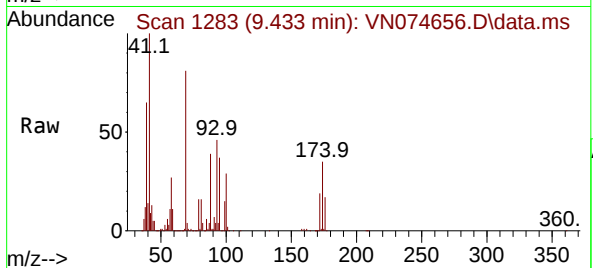
58 70.5 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#50

Toluene-d8

Concen: 106.381 ug/l

RT: 10.310 min Scan# 1432

Delta R.T. 0.000 min

Lab File: VN074656.D

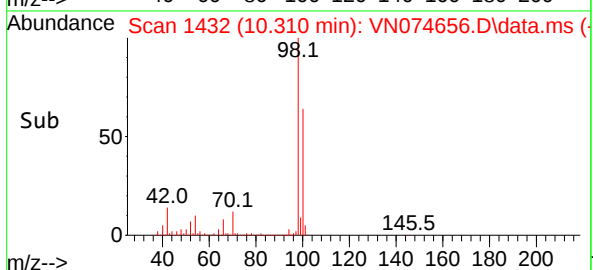
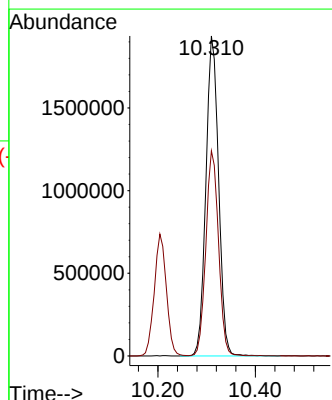
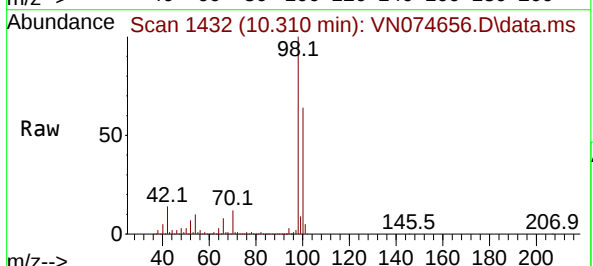
Acq: 29 Sep 2022 15:44

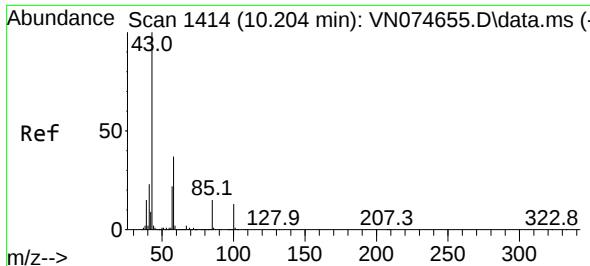
Tgt Ion: 98 Resp: 3484649

Ion Ratio Lower Upper

98 100

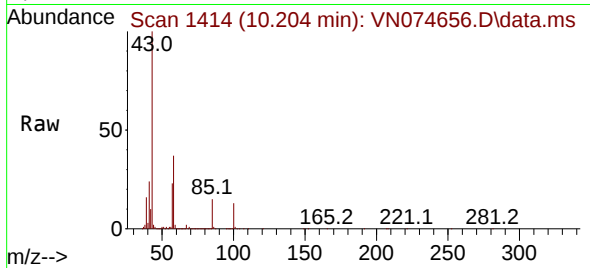
100 63.9 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 508.784 ug/l
RT: 10.204 min Scan# 1414
Delta R.T. -0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

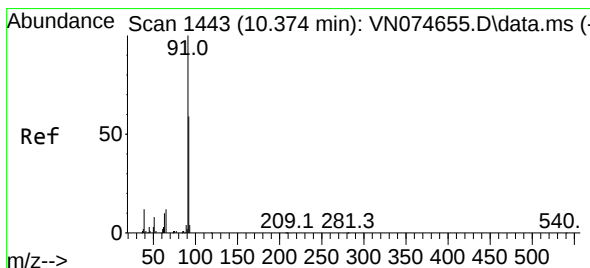
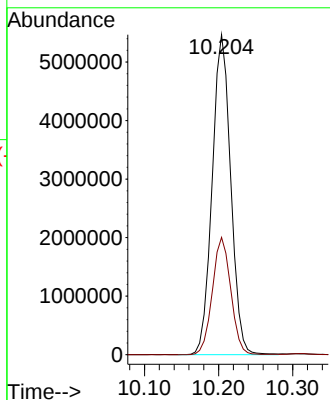
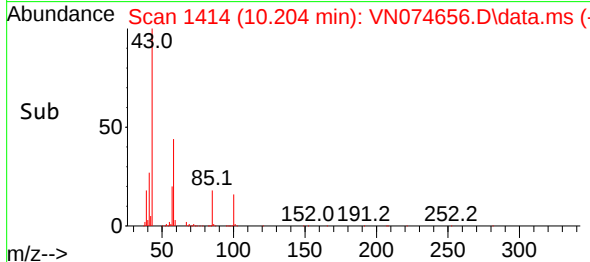
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



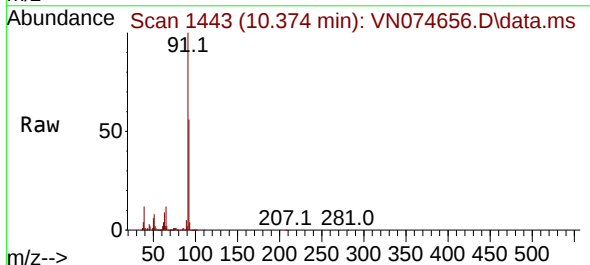
Tgt Ion: 43 Resp: 949951
Ion Ratio Lower Upper
43 100
58 36.5 34.1 51.1

Manual Integrations
APPROVED

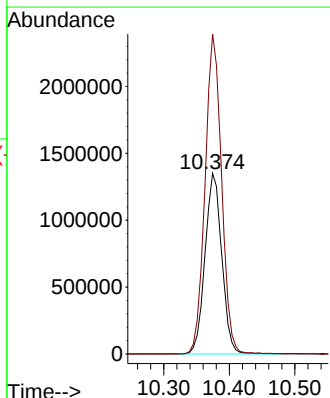
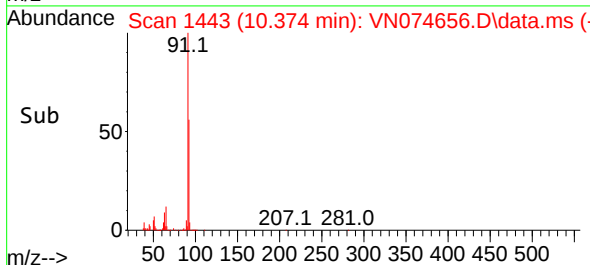
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

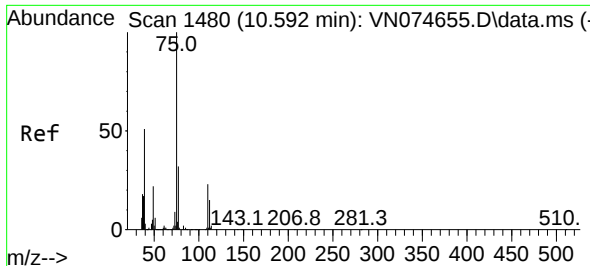


#52
Toluene
Concen: 103.389 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44



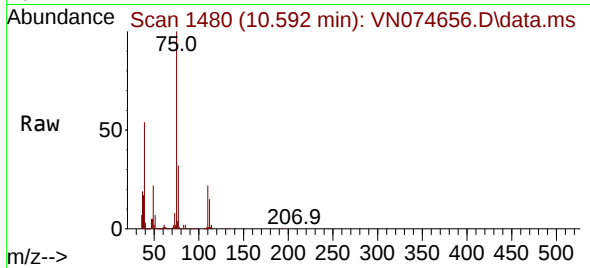
Tgt Ion: 92 Resp: 2399701
Ion Ratio Lower Upper
92 100
91 174.8 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 105.037 ug/l
RT: 10.592 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

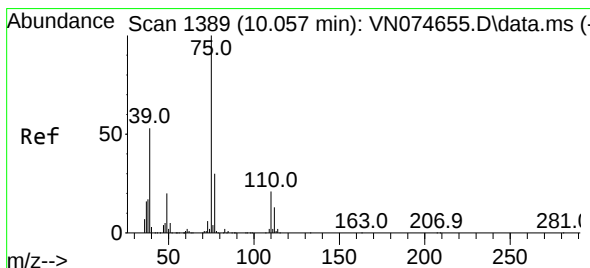
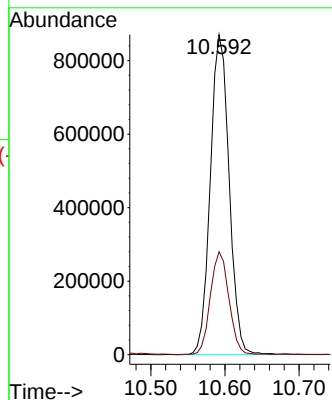
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 1534884
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4

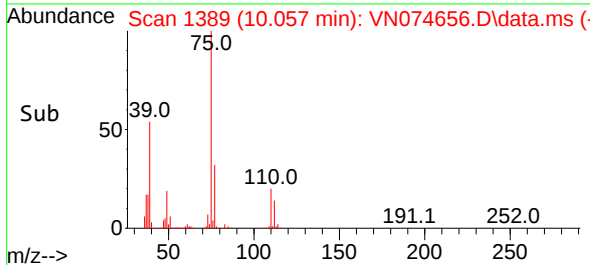
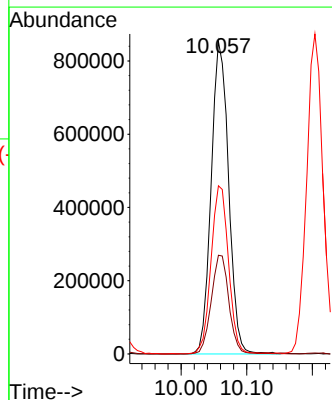
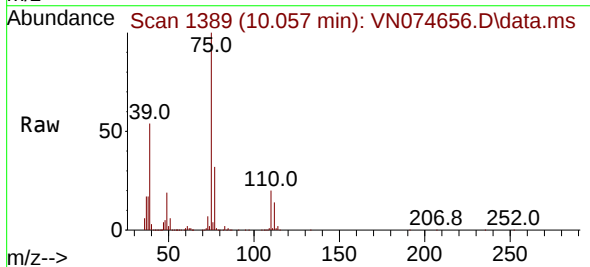
Manual Integrations
APPROVED

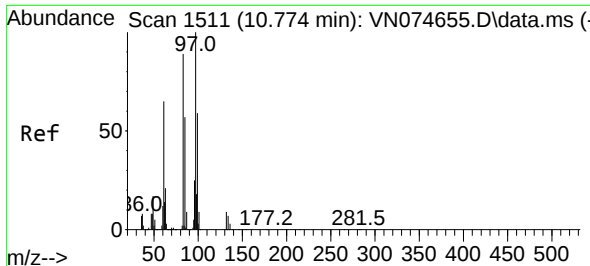
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#54
cis-1,3-Dichloropropene
Concen: 97.799 ug/l
RT: 10.057 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

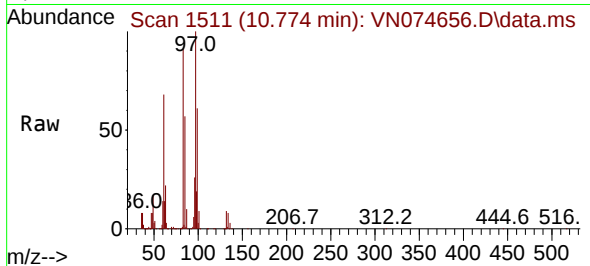
Tgt Ion: 75 Resp: 1574523
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
39 53.7 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 95.373 ug/l
RT: 10.774 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

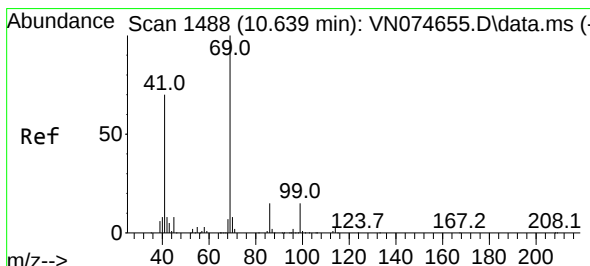
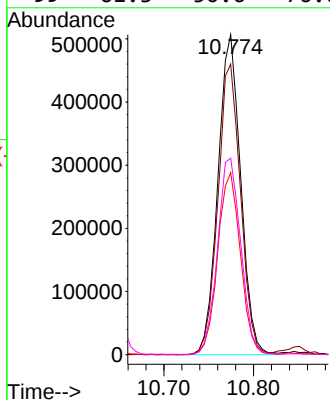
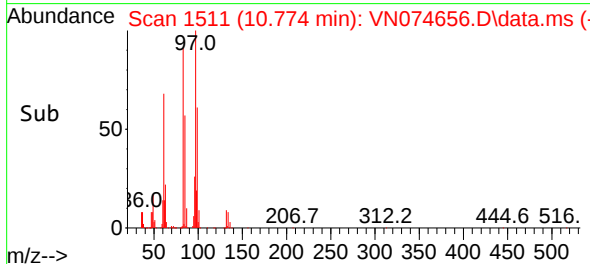
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



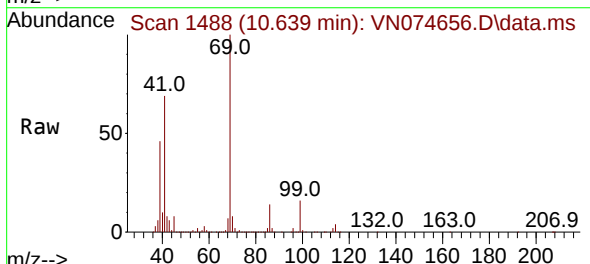
Tgt Ion: 97 Resp: 892098
Ion Ratio Lower Upper
97 100
83 90.8 66.2 99.4
85 56.9 43.9 65.9
99 61.3 50.6 76.0

Manual Integrations
APPROVED

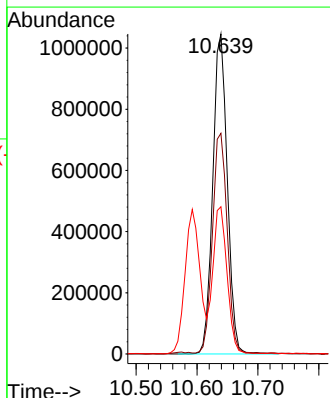
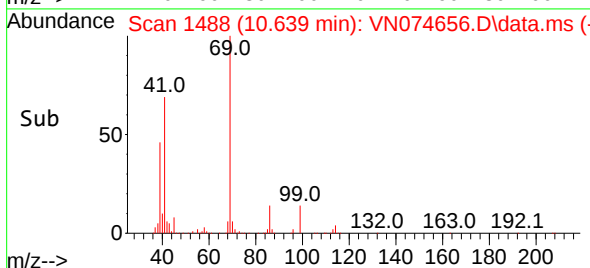
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

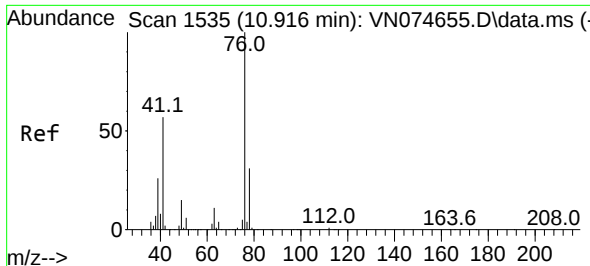


#56
Ethyl methacrylate
Concen: 107.260 ug/l
RT: 10.639 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44



Tgt Ion: 69 Resp: 1730693
Ion Ratio Lower Upper
69 100
41 69.7 47.8 71.6
39 44.6 27.3 40.9





#57

1,3-Dichloropropane

Concen: 97.664 ug/l

RT: 10.921 min Scan# 1536

Delta R.T. 0.006 min

Lab File: VN074656.D

Acq: 29 Sep 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 76 Resp: 161676

Ion Ratio Lower Upper

76 100

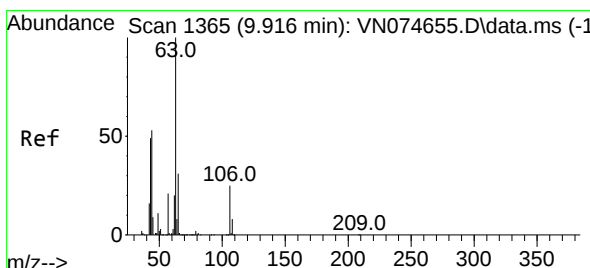
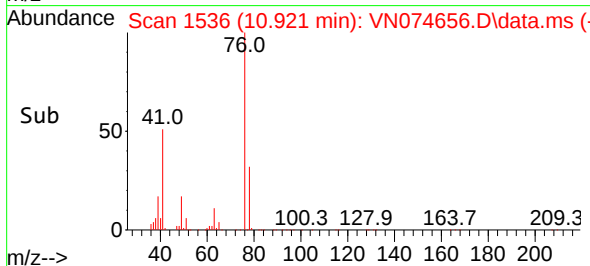
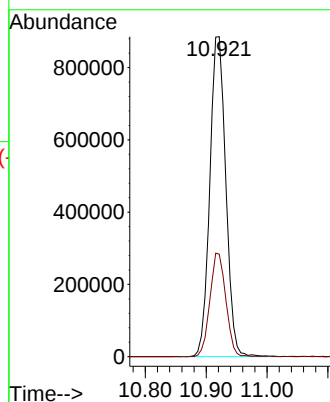
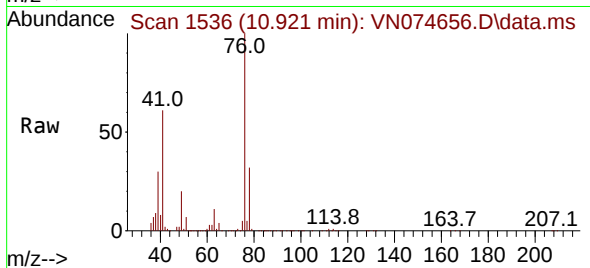
78 32.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#58

2-Chloroethyl Vinyl ether

Concen: 515.421 ug/l

RT: 9.916 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VN074656.D

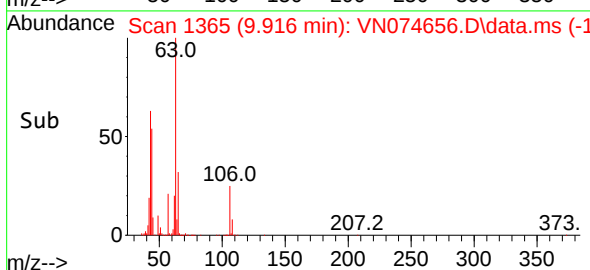
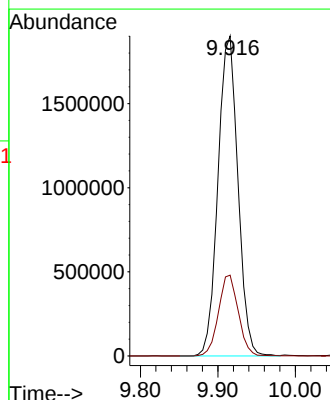
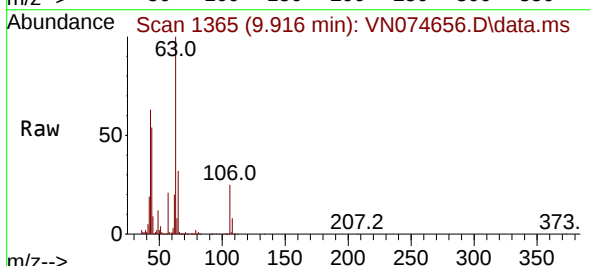
Acq: 29 Sep 2022 15:44

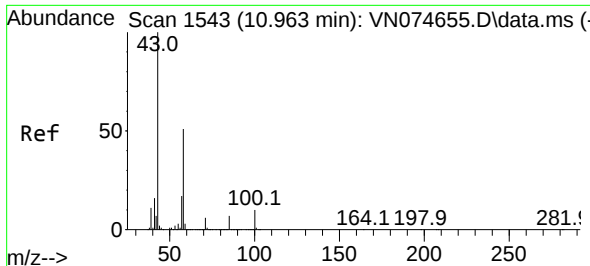
Tgt Ion: 63 Resp: 3395404

Ion Ratio Lower Upper

63 100

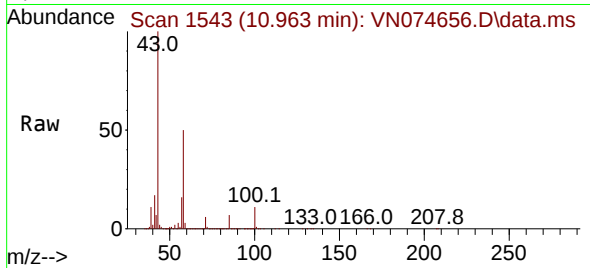
106 25.2 24.6 36.8





#59
2-Hexanone
Concen: 514.962 ug/l
RT: 10.963 min Scan# 1543
Delta R.T. 0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

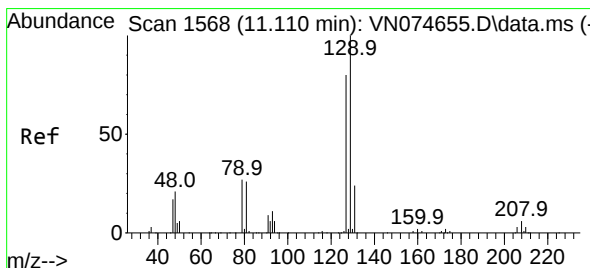
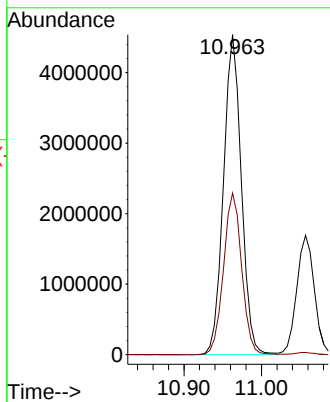
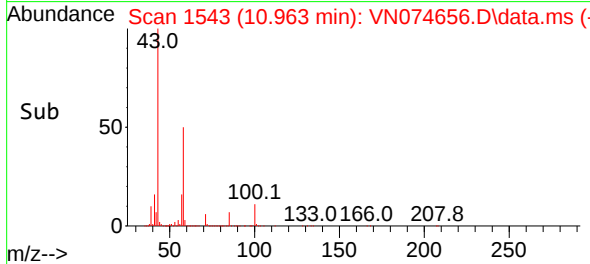
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 7266348
Ion Ratio Lower Upper
43 100
58 51.4 29.7 89.1

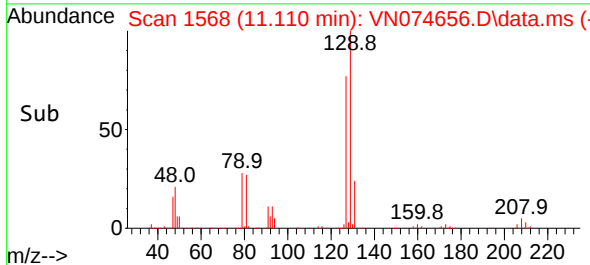
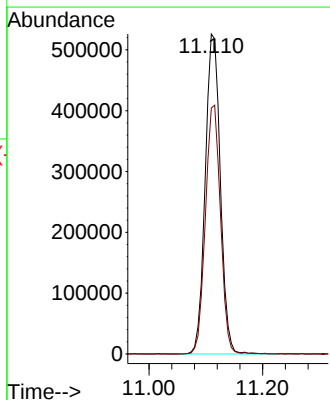
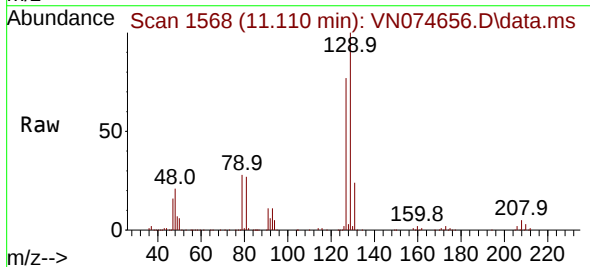
Manual Integrations
APPROVED

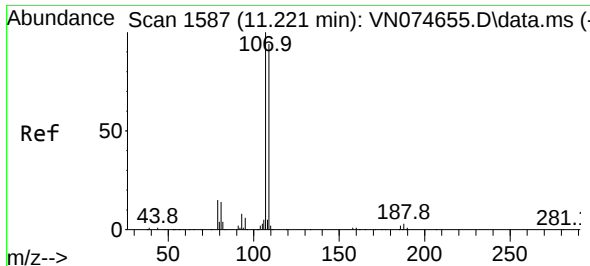
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#60
Dibromochloromethane
Concen: 107.392 ug/l
RT: 11.110 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

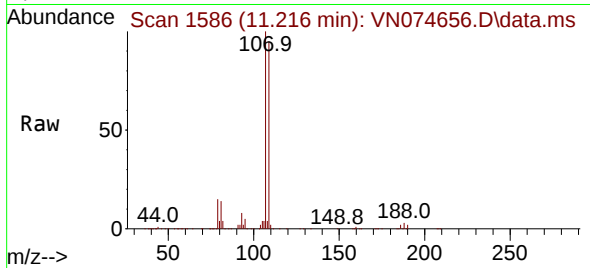
Tgt Ion:129 Resp: 966421
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 101.743 ug/l
RT: 11.216 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

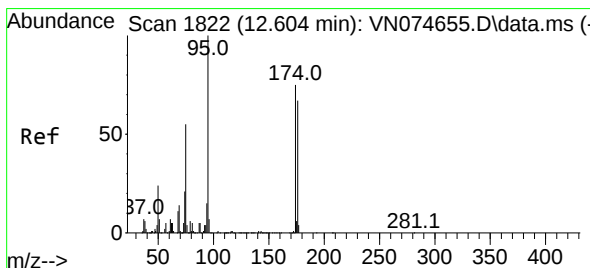
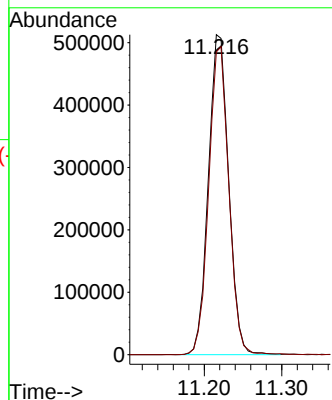
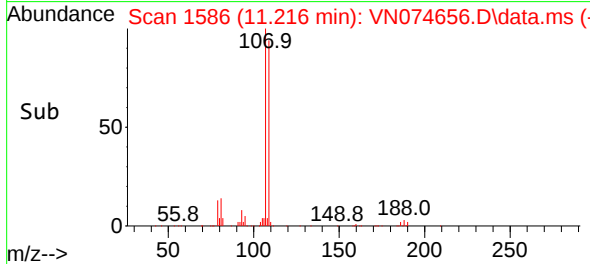
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:107 Resp: 932588
Ion Ratio Lower Upper
107 100
109 95.3 75.0 112.6

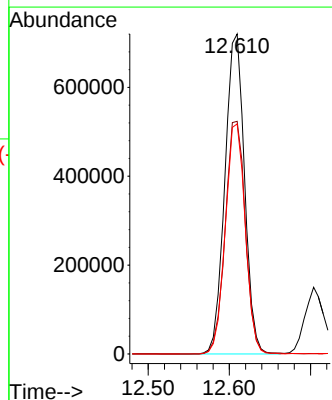
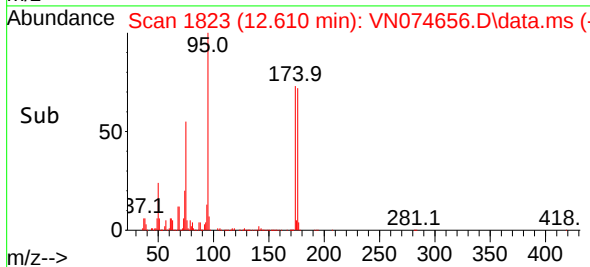
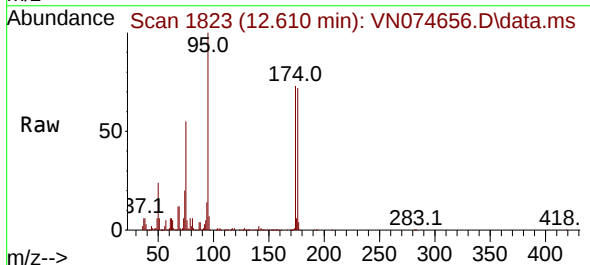
Manual Integrations
APPROVED

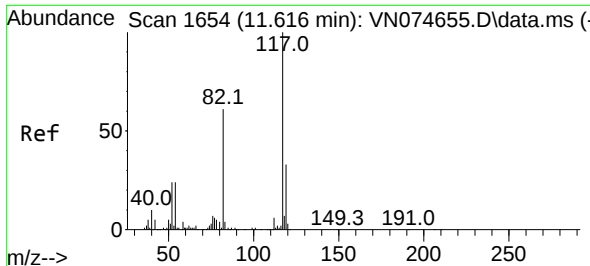
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#62
4-Bromofluorobenzene
Concen: 116.478 ug/l
RT: 12.610 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

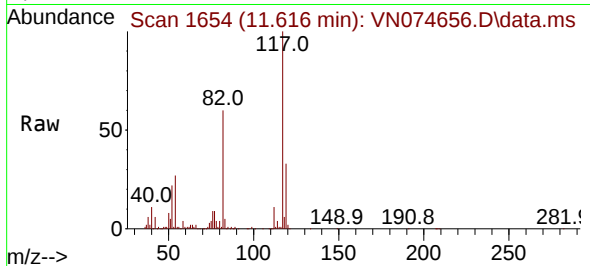
Tgt Ion: 95 Resp: 1209819
Ion Ratio Lower Upper
95 100
174 74.6 0.0 167.6
176 72.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.616 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

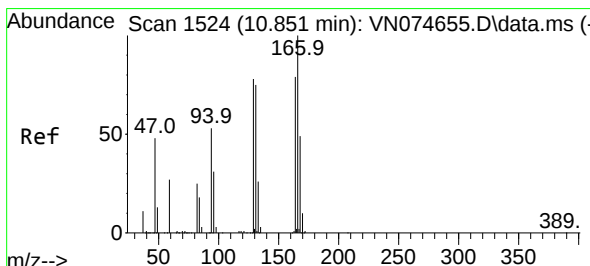
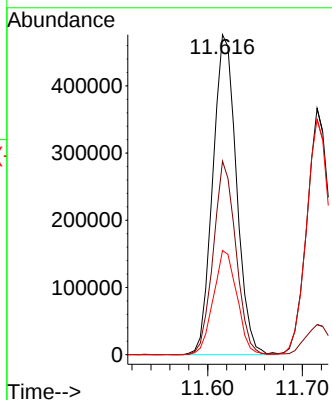
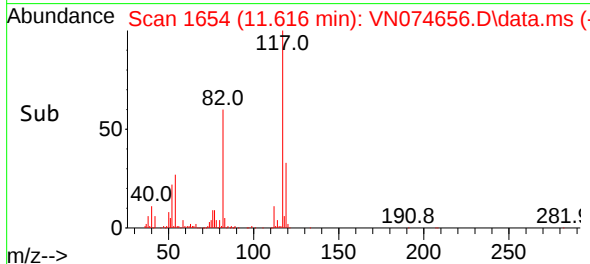
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



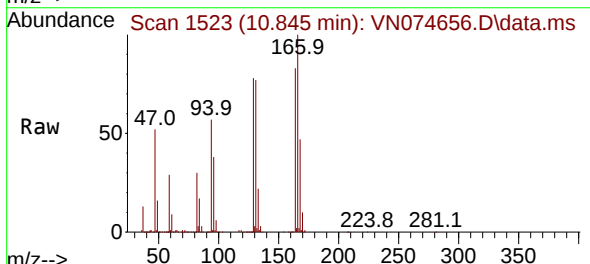
Tgt Ion:117 Resp: 828775
Ion Ratio Lower Upper
117 100
82 60.5 44.2 66.2
119 32.6 25.4 38.0

Manual Integrations
APPROVED

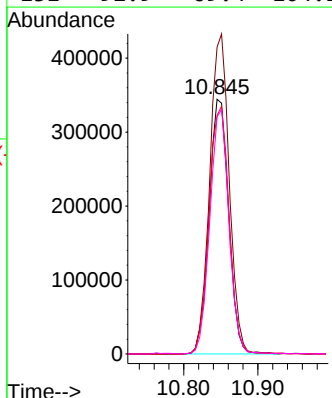
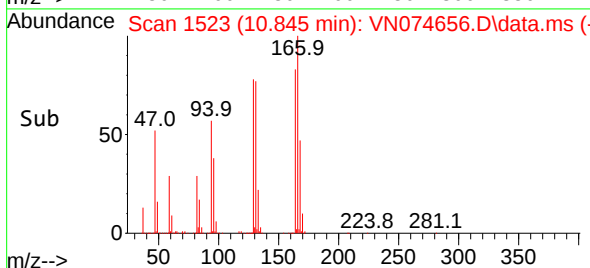
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

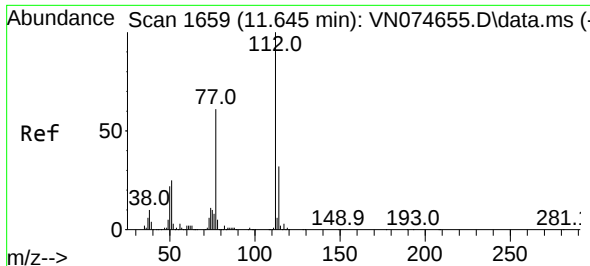


#64
Tetrachloroethene
Concen: 90.130 ug/l
RT: 10.845 min Scan# 1523
Delta R.T. -0.006 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44



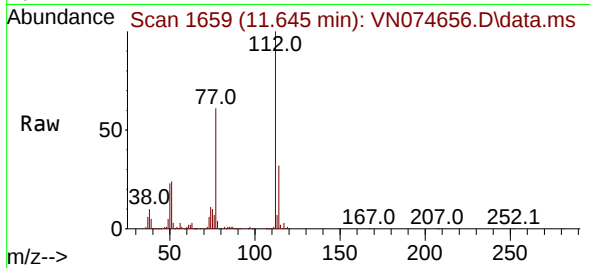
Tgt Ion:164 Resp: 631519
Ion Ratio Lower Upper
164 100
166 120.4 104.2 156.2
129 93.6 73.9 110.9
131 92.9 69.4 104.2





#65
Chlorobenzene
Concen: 95.646 ug/l
RT: 11.645 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

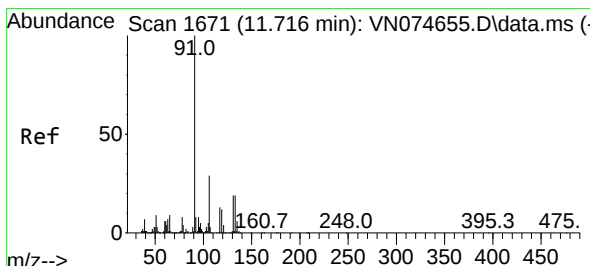
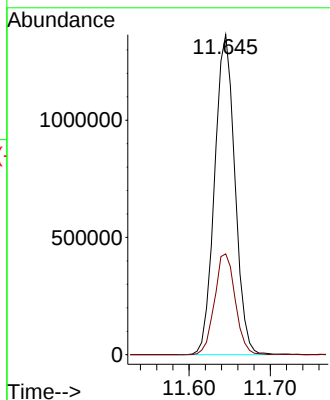
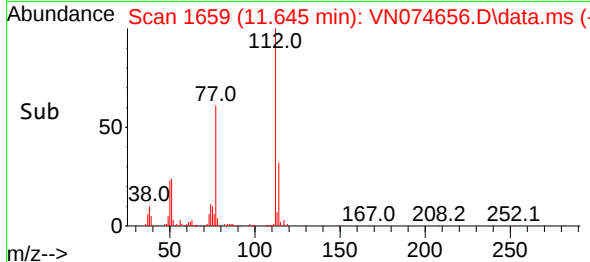
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



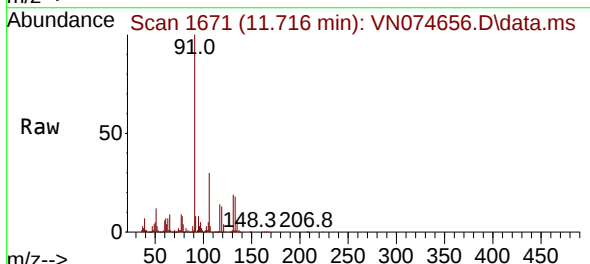
Tgt Ion:112 Resp: 2371819
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2

Manual Integrations
APPROVED

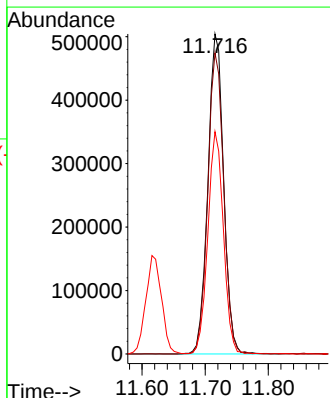
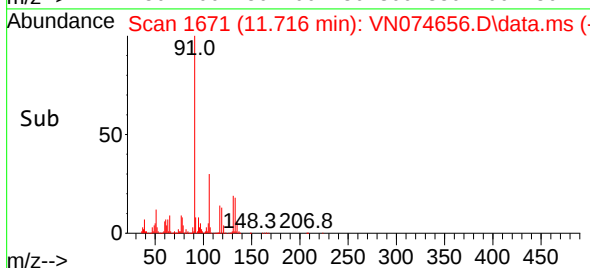
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

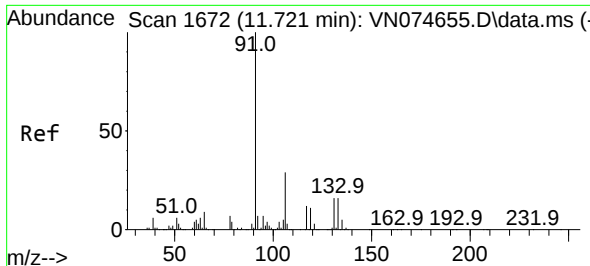


#66
1,1,1,2-Tetrachloroethane
Concen: 98.775 ug/l
RT: 11.716 min Scan# 1671
Delta R.T. -0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44



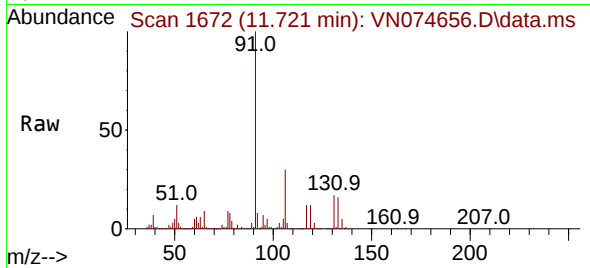
Tgt Ion:131 Resp: 873876
Ion Ratio Lower Upper
131 100
133 95.1 47.8 143.4
119 68.7 33.4 100.2





#67
Ethyl Benzene
Concen: 98.744 ug/l
RT: 11.721 min Scan# 1672
Delta R.T. -0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

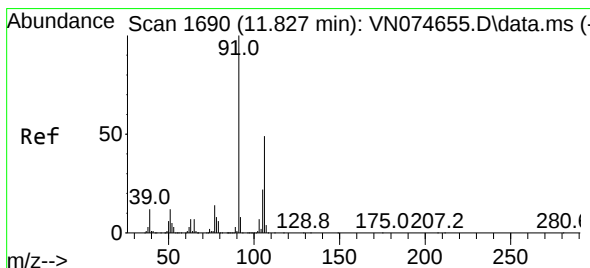
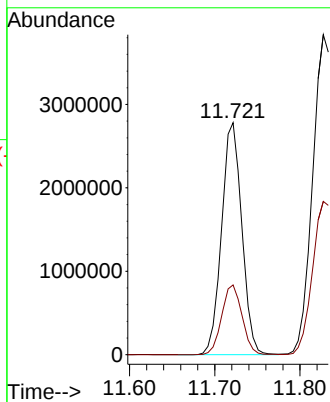
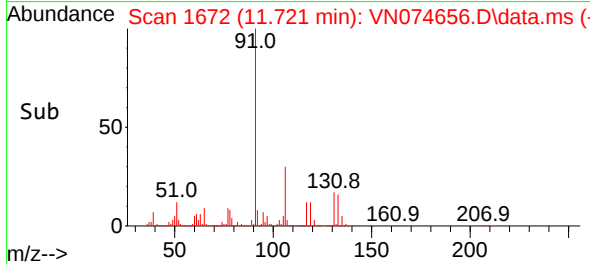
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



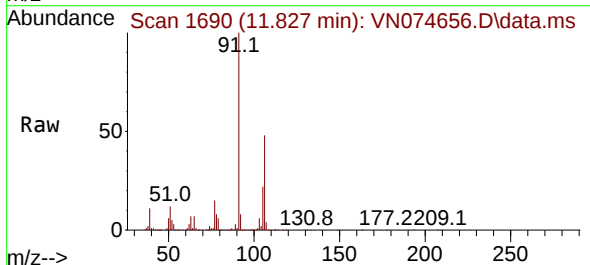
Tgt Ion: 91 Resp: 458149
Ion Ratio Lower Upper
91 100
106 30.0 24.9 37.3

Manual Integrations
APPROVED

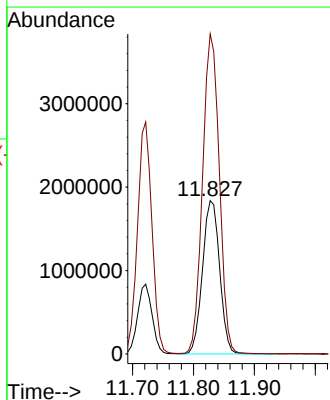
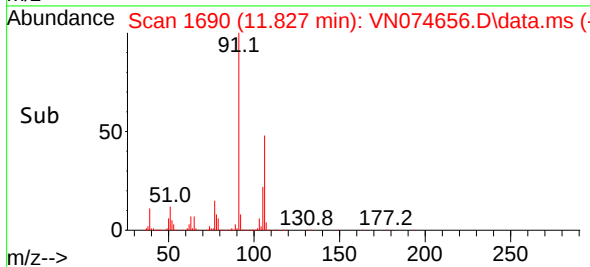
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

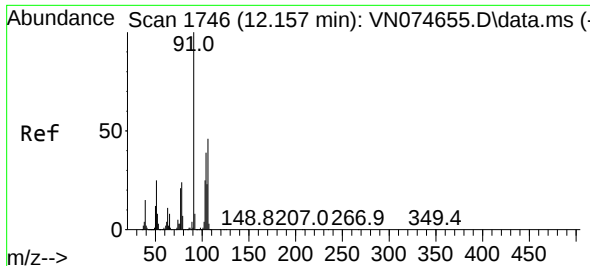


#68
m/p-Xylenes
Concen: 204.483 ug/l
RT: 11.827 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44



Tgt Ion:106 Resp: 3592629
Ion Ratio Lower Upper
106 100
91 204.4 158.9 238.3





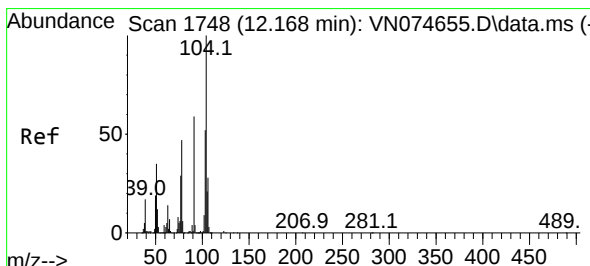
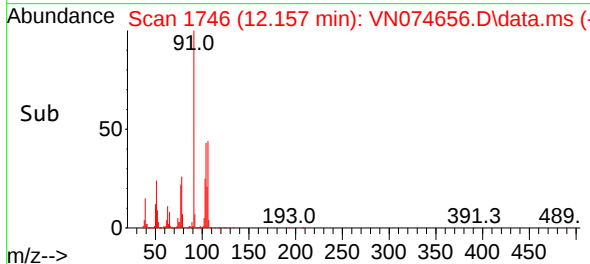
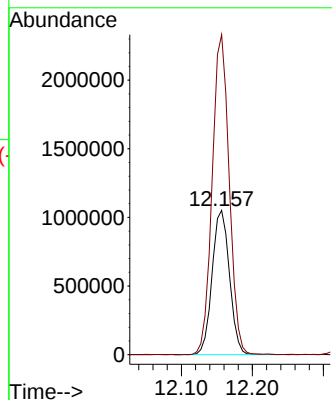
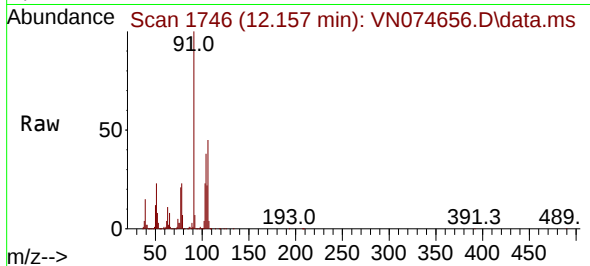
#69
o-Xylene
Concen: 100.927 ug/l
RT: 12.157 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 1782412
Ion Ratio Lower Upper
106 100
91 217.0 106.0 318.0

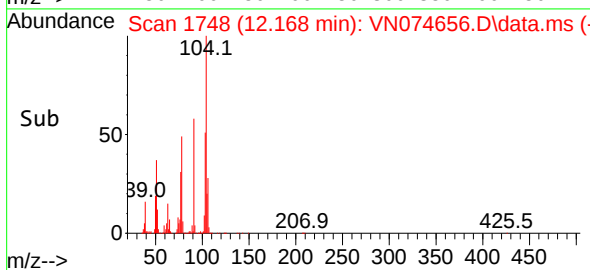
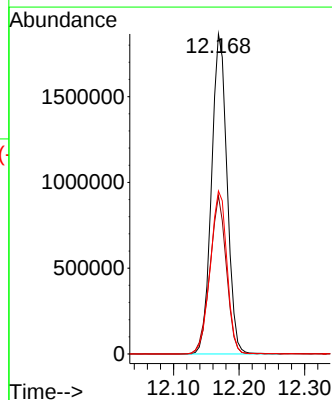
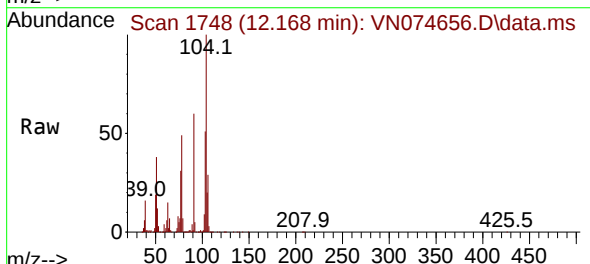
Manual Integrations
APPROVED

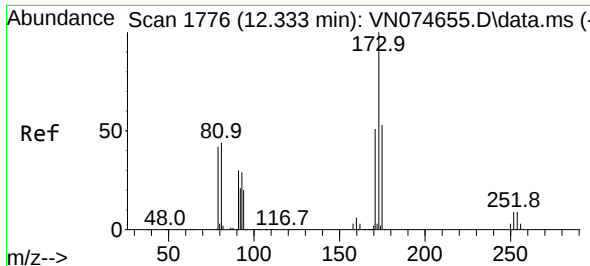
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#70
Styrene
Concen: 109.038 ug/l
RT: 12.168 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

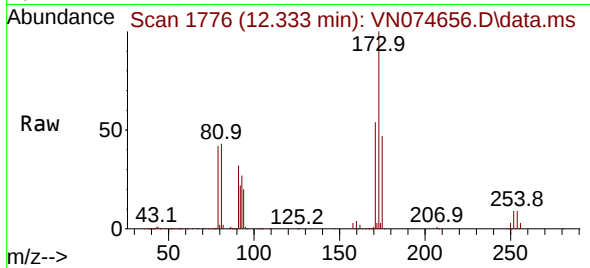
Tgt Ion:104 Resp: 3071181
Ion Ratio Lower Upper
104 100
78 52.3 39.5 59.3
103 54.8 44.0 66.0





#71
Bromoform
Concen: 107.161 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

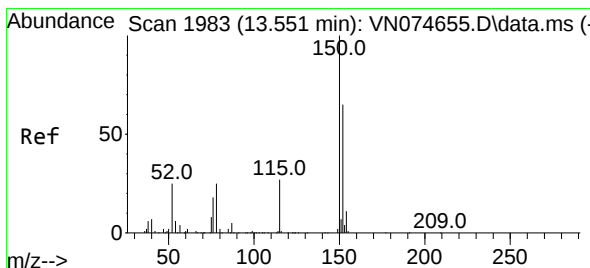
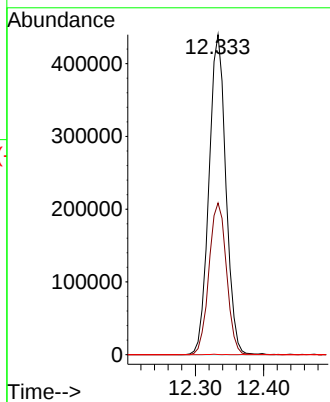
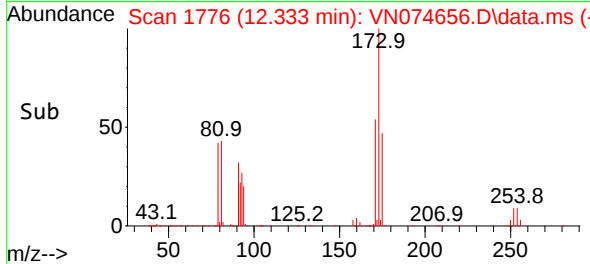
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



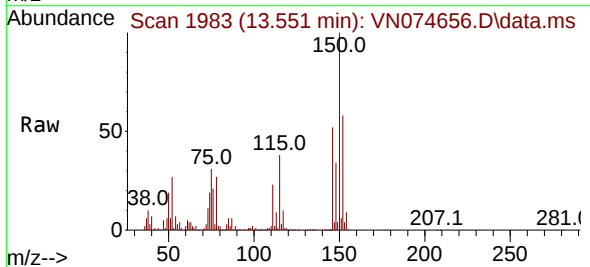
Tgt Ion:173 Resp: 760190
Ion Ratio Lower Upper
173 100
175 49.0 24.6 73.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

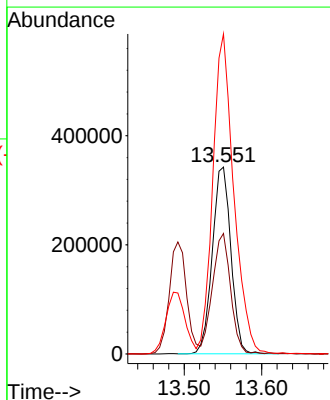
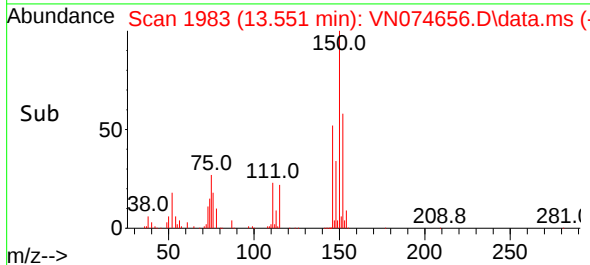
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

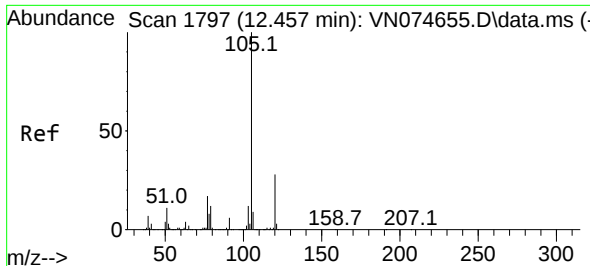


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44



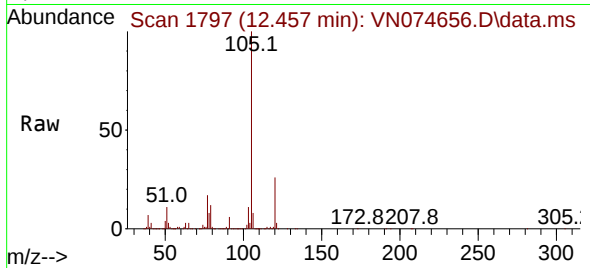
Tgt Ion:152 Resp: 572193
Ion Ratio Lower Upper
152 100
115 62.3 28.9 86.7
150 192.1 0.0 356.2





#73
Isopropylbenzene
Concen: 89.085 ug/l
RT: 12.457 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

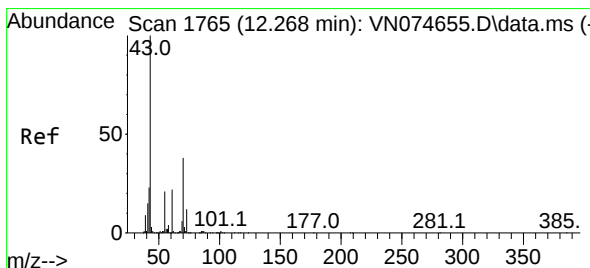
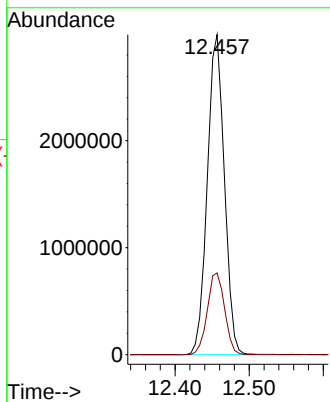
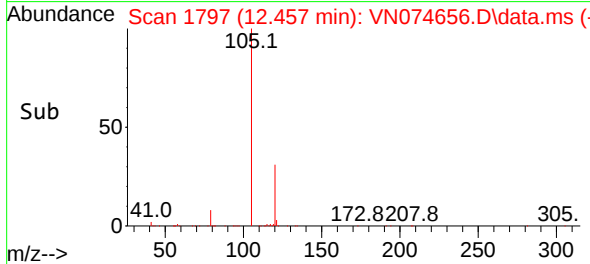
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



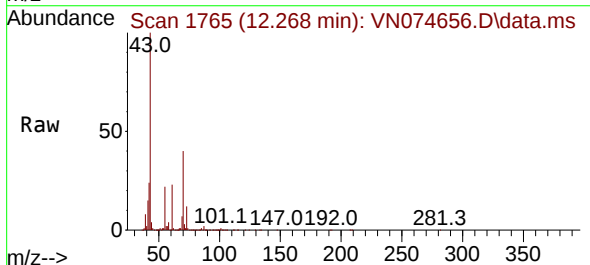
Tgt Ion:105 Resp: 477505
Ion Ratio Lower Upper
105 100
120 25.9 13.5 40.4

Manual Integrations
APPROVED

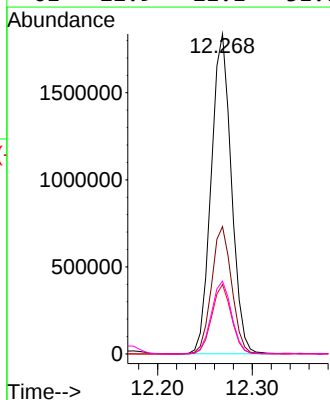
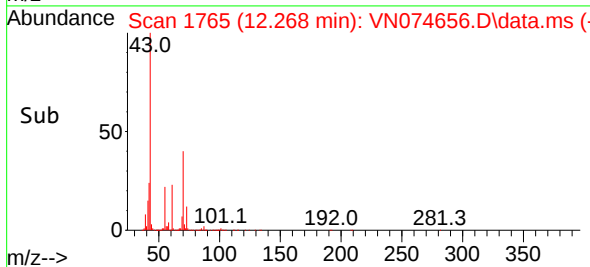
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

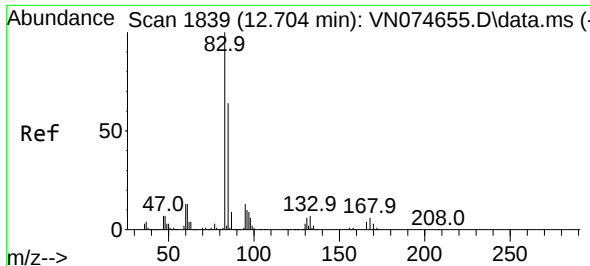


#74
N-ethyl acetate
Concen: 82.981 ug/l
RT: 12.268 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44



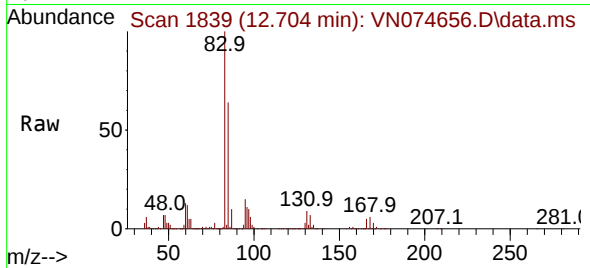
Tgt Ion: 43 Resp: 2724933
Ion Ratio Lower Upper
43 100
70 39.9 39.0 58.4
55 21.2 21.1 31.7
61 22.9 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 80.309 ug/l
RT: 12.704 min Scan# 1839
Delta R.T. -0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

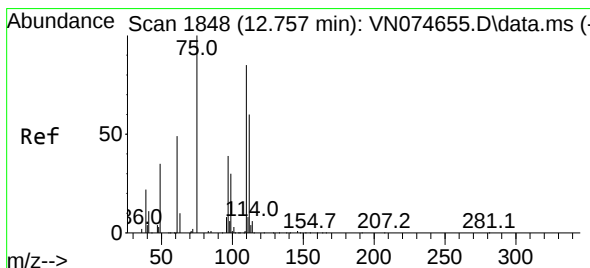
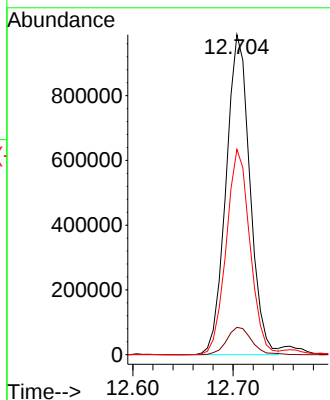
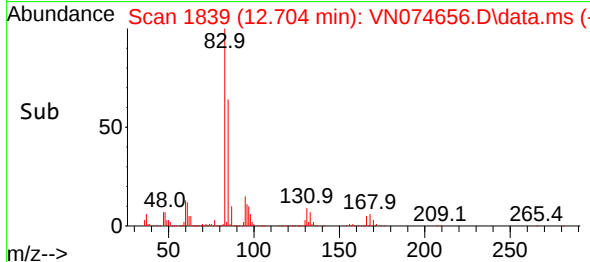
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 1637818
Ion Ratio Lower Upper
83 100
131 8.9 5.3 15.9
85 63.9 32.3 96.9

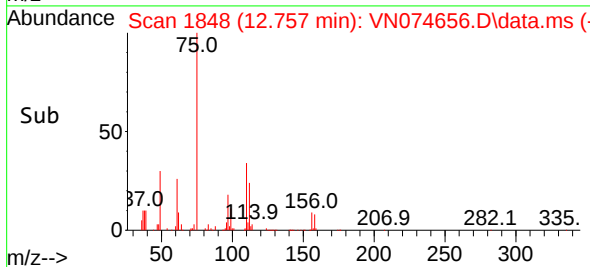
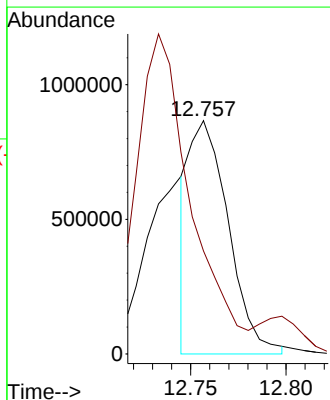
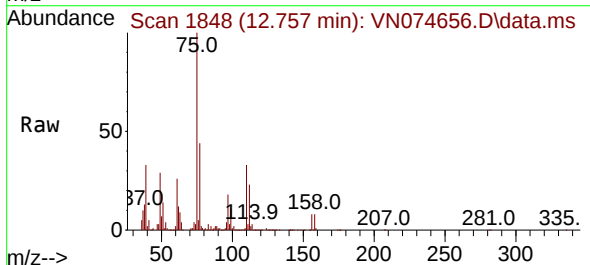
Manual Integrations
APPROVED

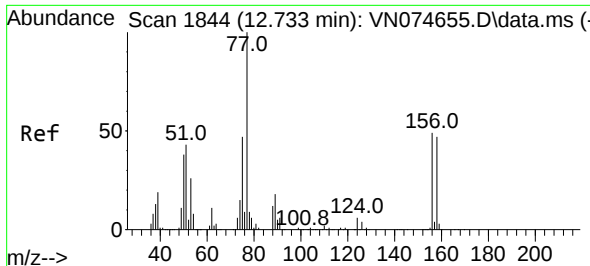
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#76
1,2,3-Trichloropropane
Concen: 82.987 ug/l m
RT: 12.757 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

Tgt Ion: 75 Resp: 1233691
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





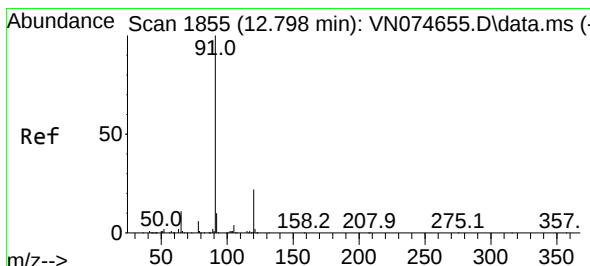
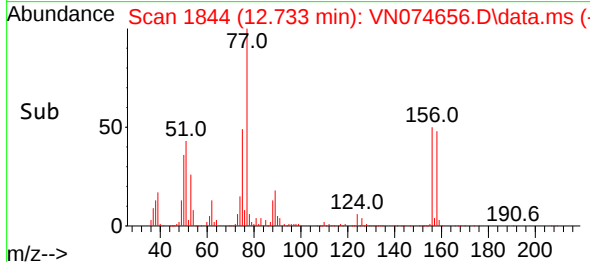
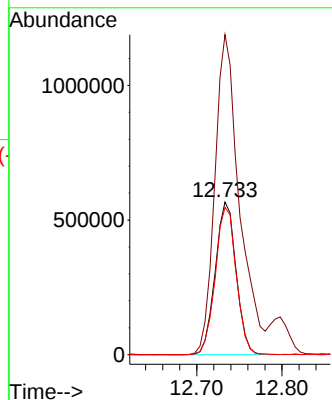
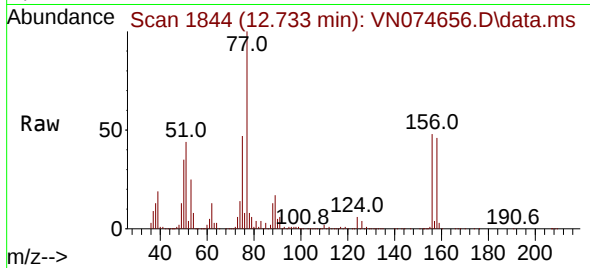
#77
Bromobenzene
Concen: 83.964 ug/l
RT: 12.733 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:156 Resp: 96416
Ion Ratio Lower Upper
156 100
77 247.1 100.5 301.5
158 96.9 48.9 146.6

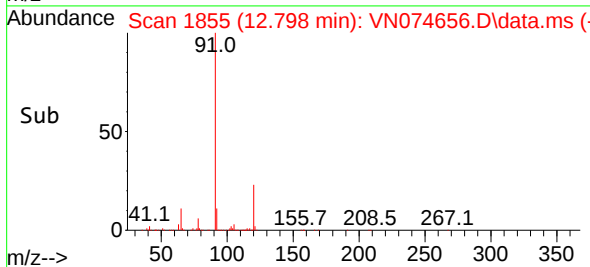
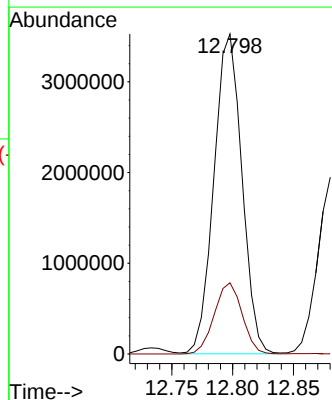
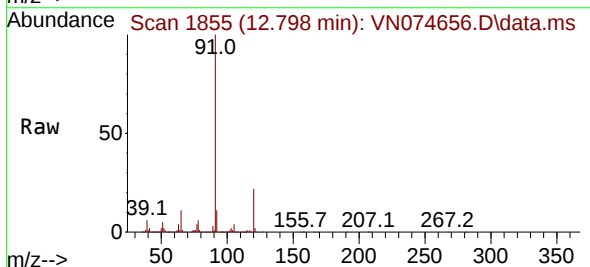
Manual Integrations
APPROVED

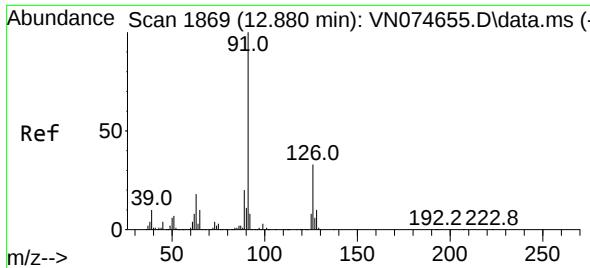
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#78
n-propylbenzene
Concen: 91.246 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

Tgt Ion: 91 Resp: 5641510
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.5





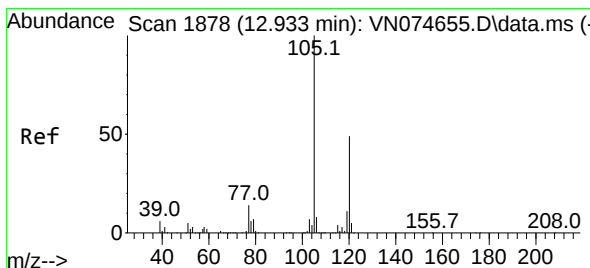
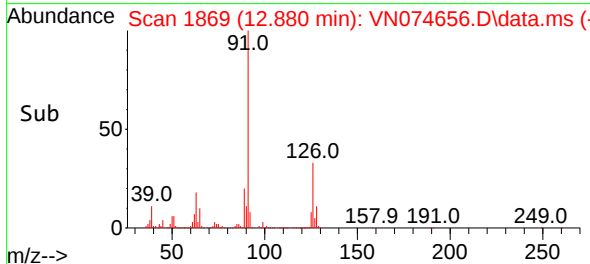
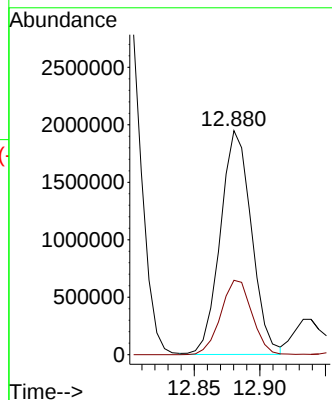
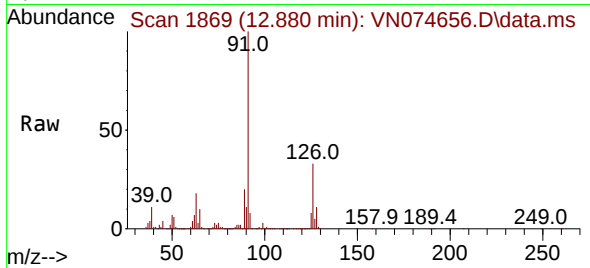
#79
2-Chlorotoluene
Concen: 86.659 ug/l
RT: 12.880 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 3219709
Ion Ratio Lower Upper
91 100
126 33.3 17.3 51.9

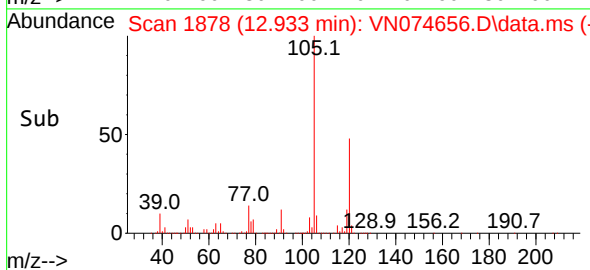
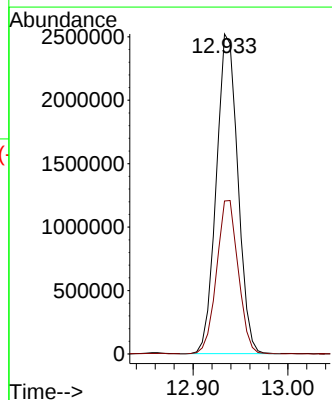
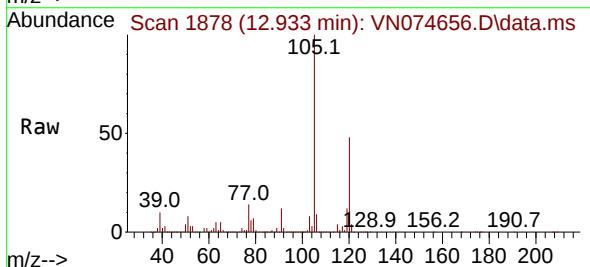
Manual Integrations
APPROVED

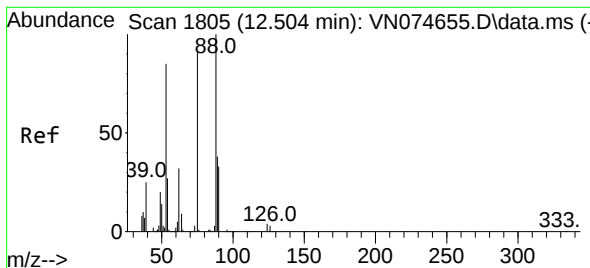
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#80
1,3,5-Trimethylbenzene
Concen: 93.097 ug/l
RT: 12.933 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

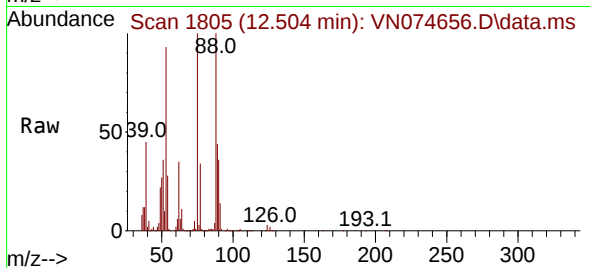
Tgt Ion:105 Resp: 3981971
Ion Ratio Lower Upper
105 100
120 48.2 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 96.027 ug/l
RT: 12.504 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

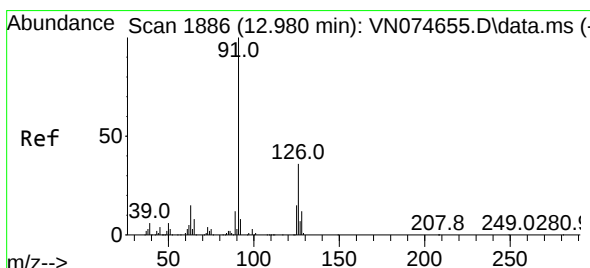
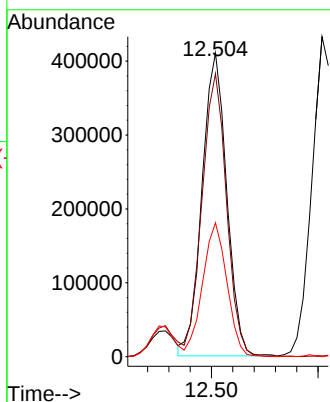
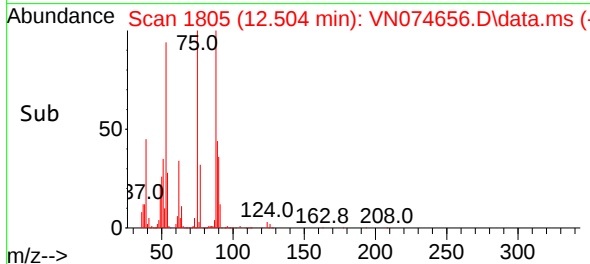
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 657508
Ion Ratio Lower Upper
75 100
53 93.1 78.0 117.0
89 43.8 37.2 55.8

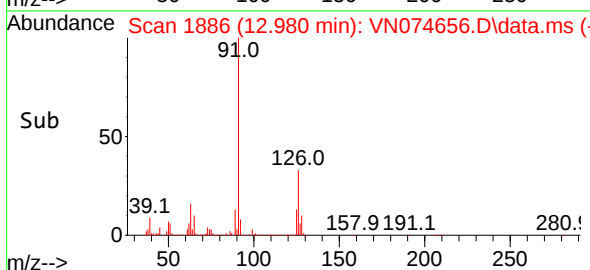
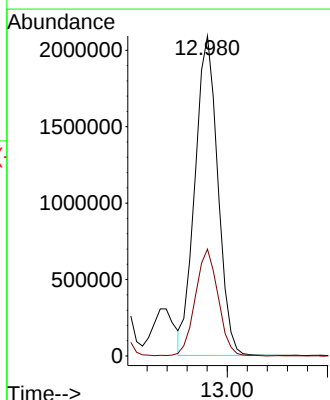
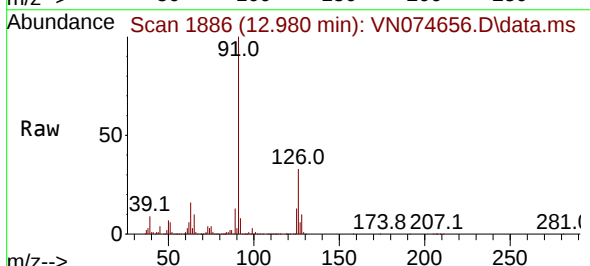
Manual Integrations
APPROVED

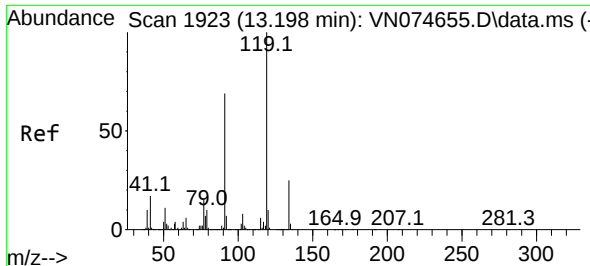
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#82
4-Chlorotoluene
Concen: 95.835 ug/l
RT: 12.980 min Scan# 1886
Delta R.T. 0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

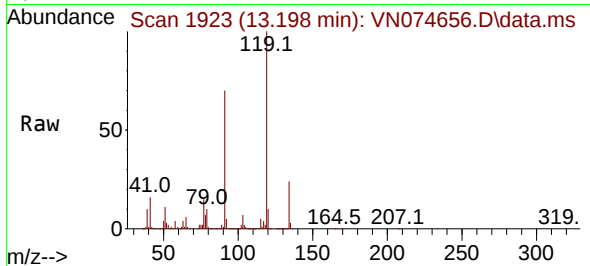
Tgt Ion: 91 Resp: 3313632
Ion Ratio Lower Upper
91 100
126 33.3 17.2 51.6





#83
tert-Butylbenzene
Concen: 92.527 ug/l
RT: 13.198 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

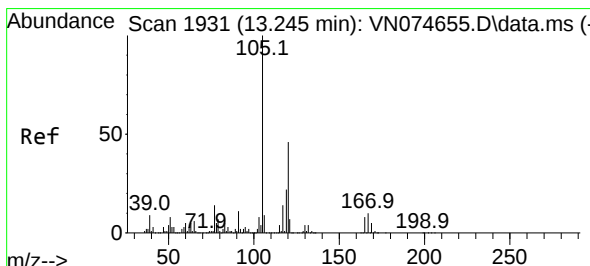
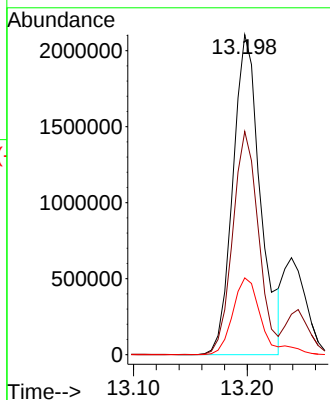
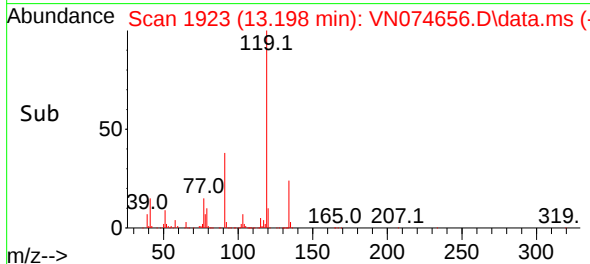
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



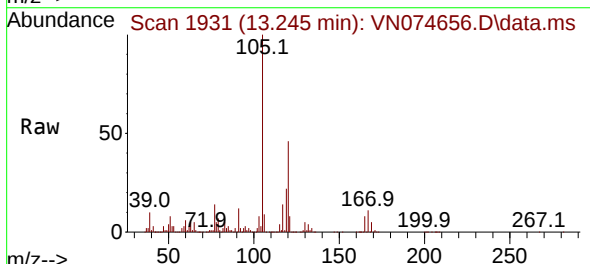
Tgt Ion:119 Resp: 353455
Ion Ratio Lower Upper
119 100
91 65.8 31.6 94.8
134 25.3 13.7 41.1

Manual Integrations
APPROVED

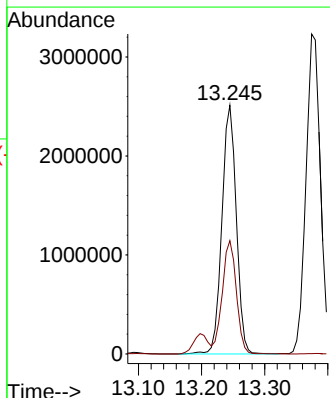
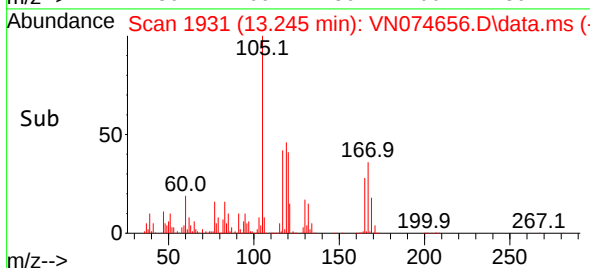
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

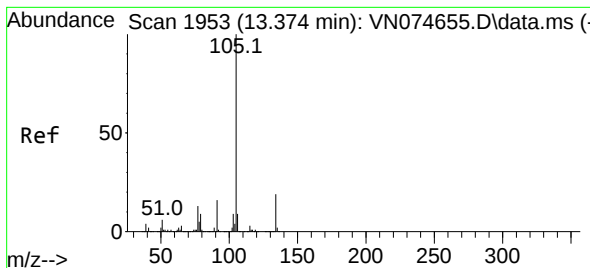


#84
1,2,4-Trimethylbenzene
Concen: 93.117 ug/l
RT: 13.245 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44



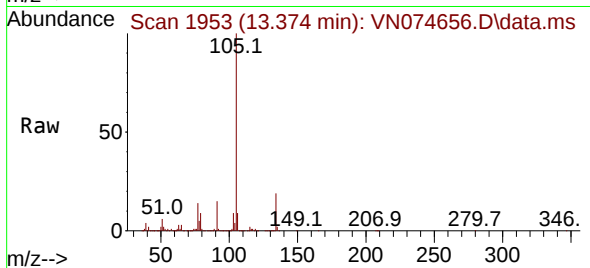
Tgt Ion:105 Resp: 3977460
Ion Ratio Lower Upper
105 100
120 44.5 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 95.574 ug/l
 RT: 13.374 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: VN074656.D
 Acq: 29 Sep 2022 15:44

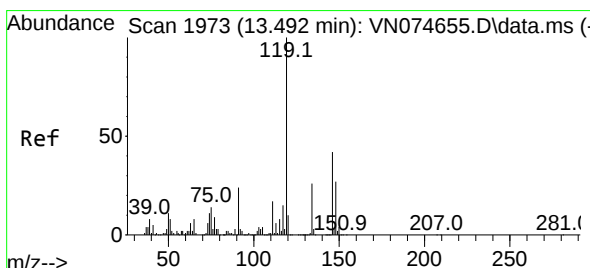
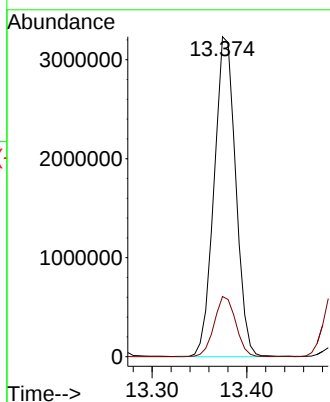
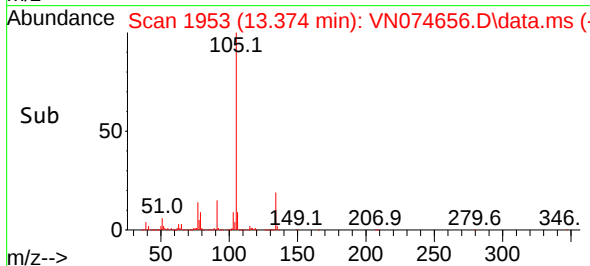
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



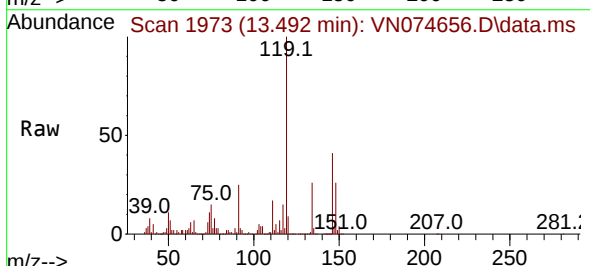
Tgt Ion:105 Resp: 513054
 Ion Ratio Lower Upper
 105 100
 134 18.8 10.4 31.1

Manual Integrations
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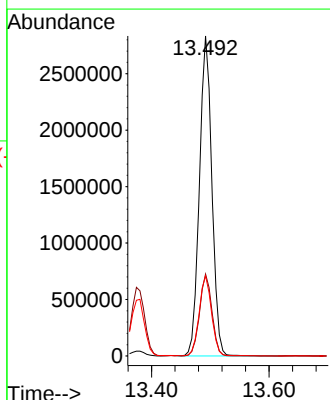
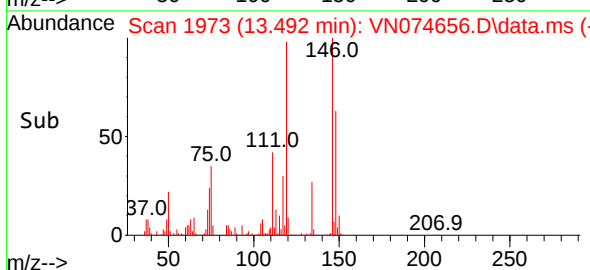
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/05/2022

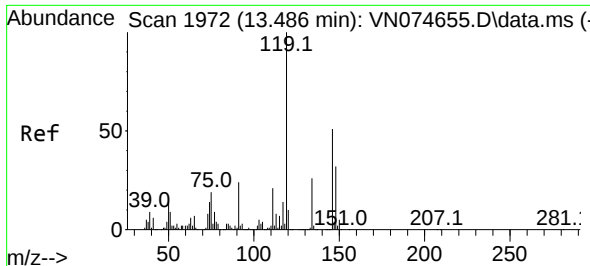


#86
 p-Isopropyltoluene
 Concen: 98.093 ug/l
 RT: 13.492 min Scan# 1973
 Delta R.T. -0.000 min
 Lab File: VN074656.D
 Acq: 29 Sep 2022 15:44



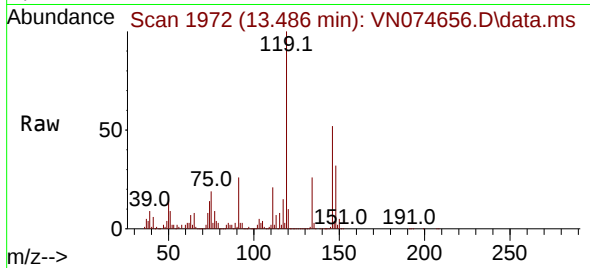
Tgt Ion:119 Resp: 4171717
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.3 39.8
 91 25.1 11.3 33.9





#87
 1,3-Dichlorobenzene
 Concen: 94.021 ug/l
 RT: 13.486 min Scan# 1972
 Delta R.T. 0.000 min
 Lab File: VN074656.D
 Acq: 29 Sep 2022 15:44

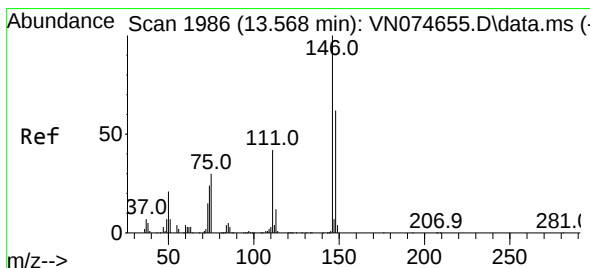
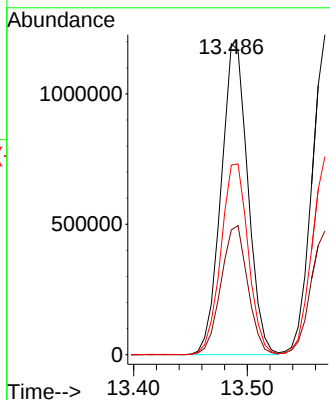
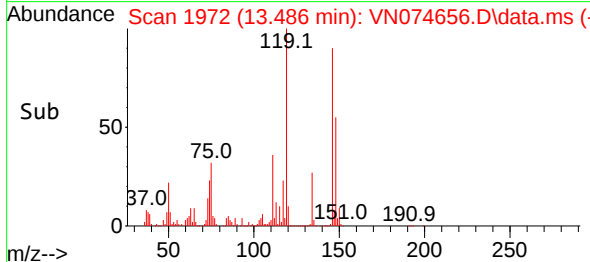
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



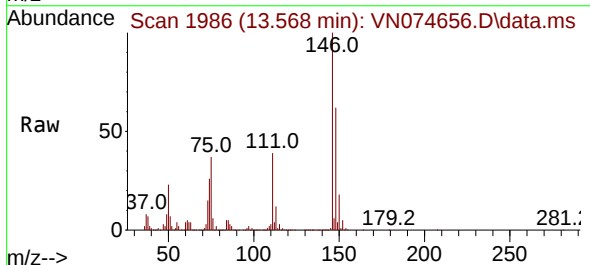
Tgt Ion:146 Resp: 195896
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.0 60.0
 148 62.5 32.0 96.0

Manual Integrations
 APPROVED

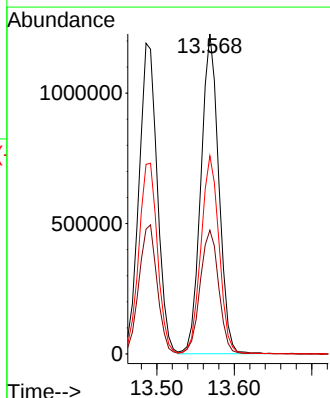
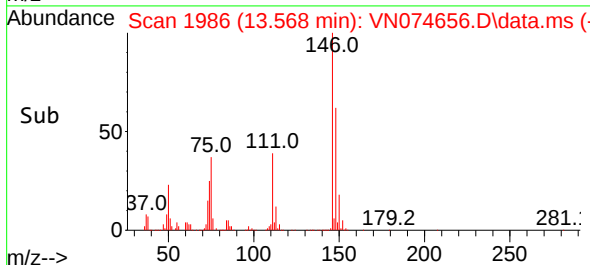
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/05/2022

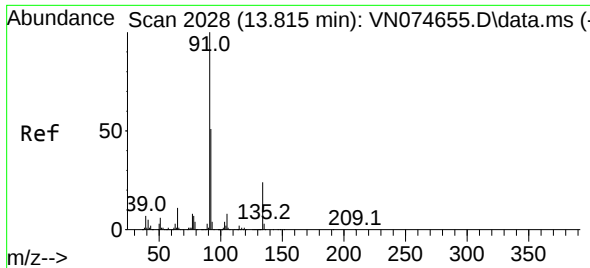


#88
 1,4-Dichlorobenzene
 Concen: 92.110 ug/l
 RT: 13.568 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN074656.D
 Acq: 29 Sep 2022 15:44



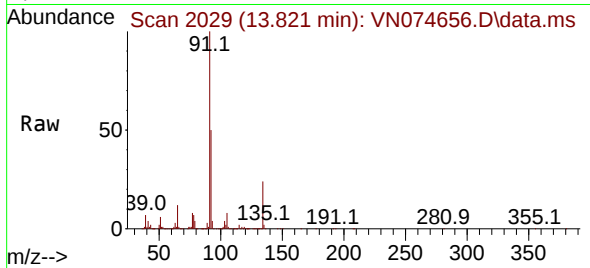
Tgt Ion:146 Resp: 1961455
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.1 57.1
 148 62.6 31.4 94.3





#89
n-Butylbenzene
Concen: 100.374 ug/l
RT: 13.821 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

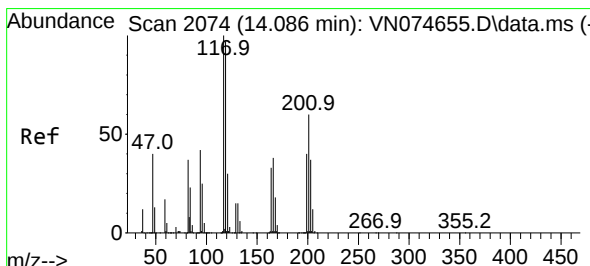
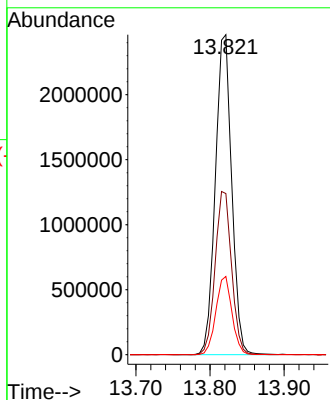
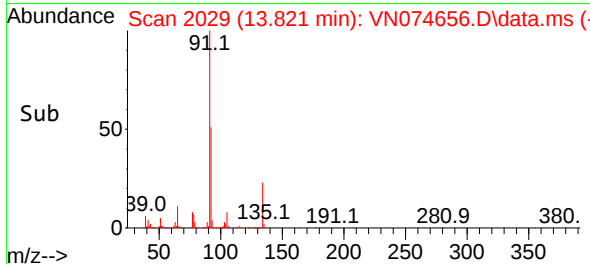
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 376607
Ion Ratio Lower Upper
91 100
92 51.4 26.9 80.7
134 24.1 13.6 40.8

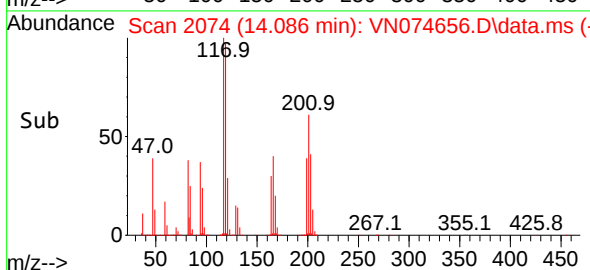
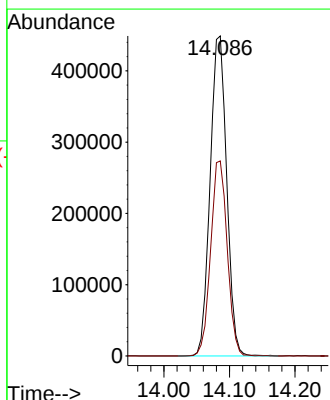
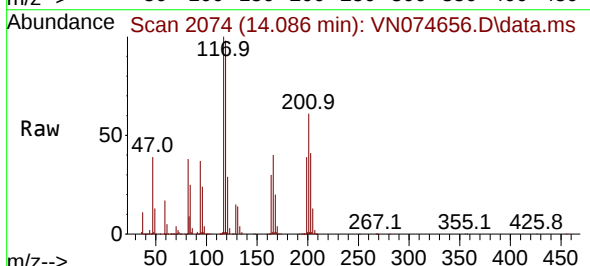
Manual Integrations
APPROVED

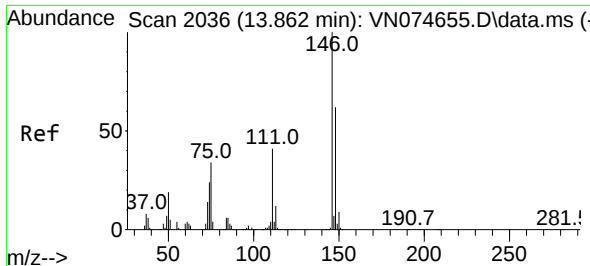
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#90
Hexachloroethane
Concen: 85.937 ug/l
RT: 14.086 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

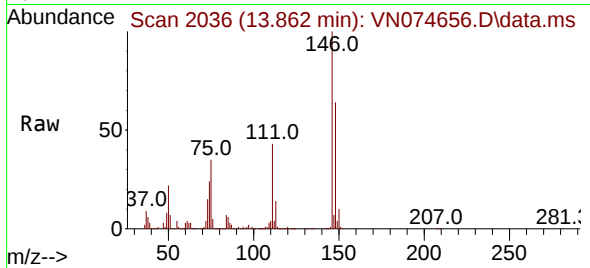
Tgt Ion:117 Resp: 786425
Ion Ratio Lower Upper
117 100
201 61.1 40.6 122.0





#91
 1,2-Dichlorobenzene
 Concen: 90.752 ug/l
 RT: 13.862 min Scan# 2036
 Delta R.T. -0.000 min
 Lab File: VN074656.D
 Acq: 29 Sep 2022 15:44

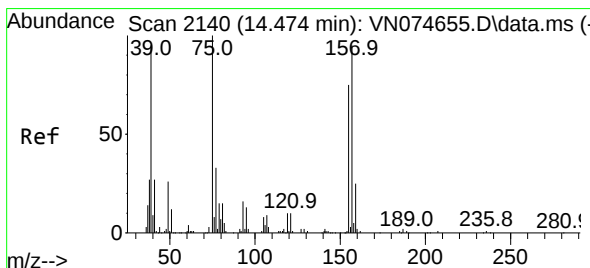
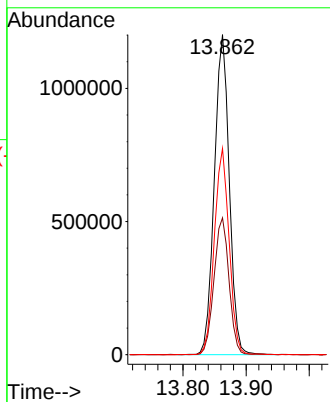
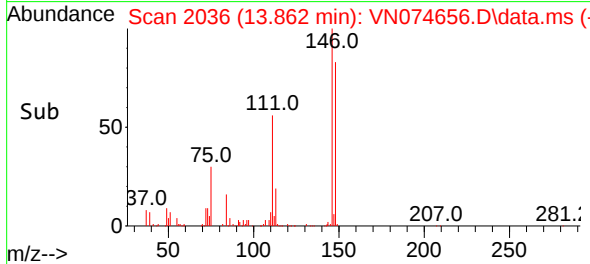
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



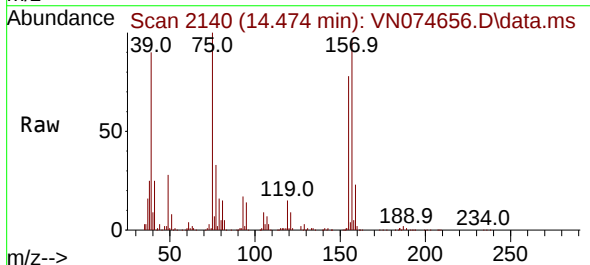
Tgt Ion:146 Resp: 197320
 Ion Ratio Lower Upper
 146 100
 111 43.2 20.9 62.8
 148 63.8 32.1 96.3

Manual Integrations
 APPROVED

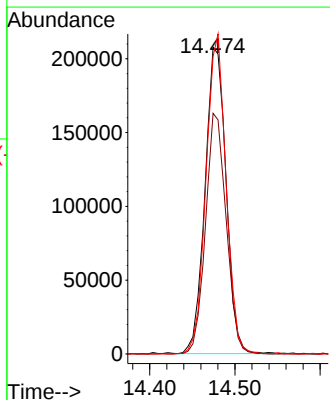
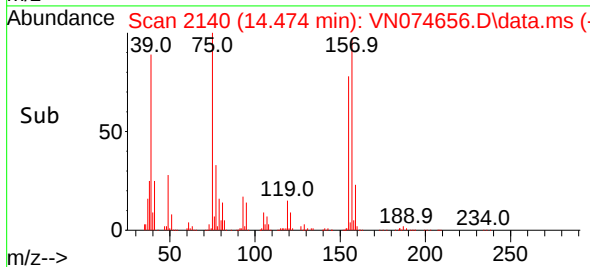
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/05/2022

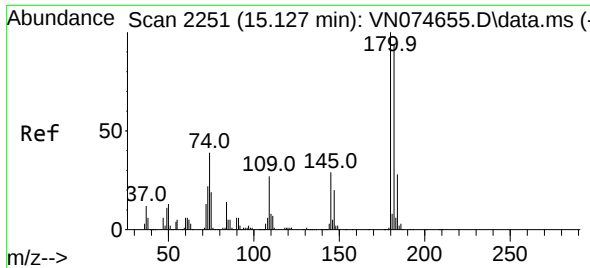


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 86.670 ug/l
 RT: 14.474 min Scan# 2140
 Delta R.T. 0.000 min
 Lab File: VN074656.D
 Acq: 29 Sep 2022 15:44



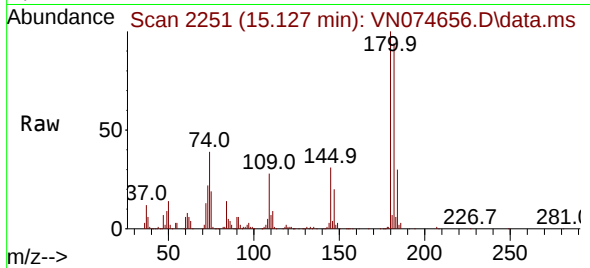
Tgt Ion: 75 Resp: 356145
 Ion Ratio Lower Upper
 75 100
 155 77.2 44.9 134.5
 157 99.2 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 94.057 ug/l
RT: 15.127 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44

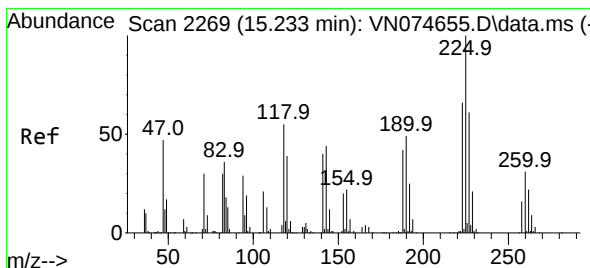
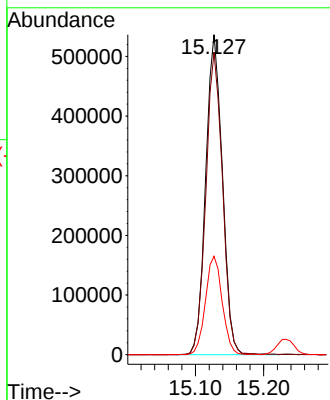
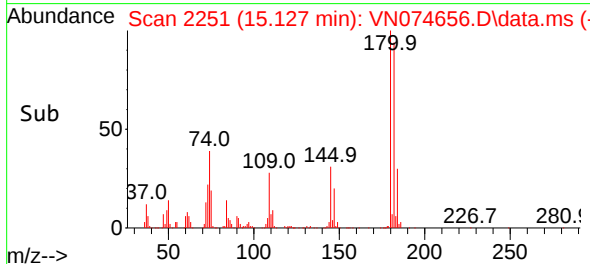
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



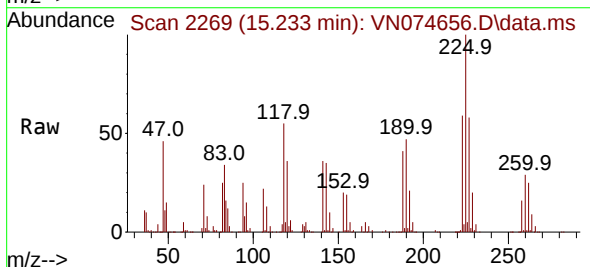
Tgt Ion:180 Resp: 913640
Ion Ratio Lower Upper
180 100
182 94.2 47.5 142.5
145 30.9 14.5 43.5

Manual Integrations
APPROVED

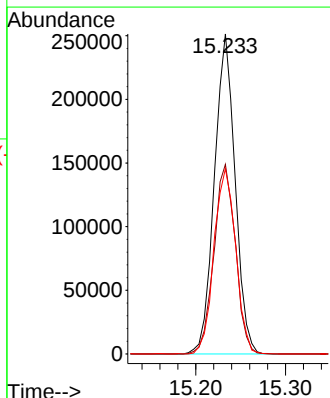
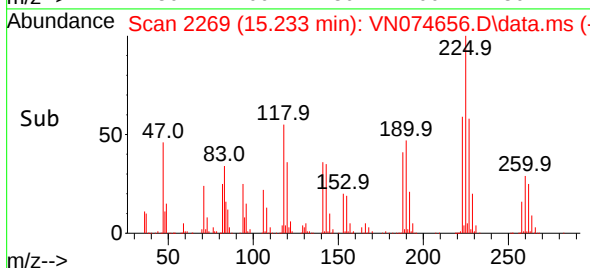
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

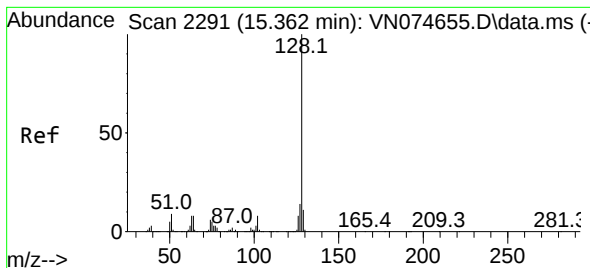


#94
Hexachlorobutadiene
Concen: 84.638 ug/l
RT: 15.233 min Scan# 2269
Delta R.T. -0.000 min
Lab File: VN074656.D
Acq: 29 Sep 2022 15:44



Tgt Ion:225 Resp: 402402
Ion Ratio Lower Upper
225 100
223 61.4 32.4 97.2
227 60.8 31.8 95.4





#95

Naphthalene

Concen: 96.680 ug/l

RT: 15.362 min Scan# 2291

Delta R.T. -0.000 min

Lab File: VN074656.D

Acq: 29 Sep 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion:128 Resp: 367445

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

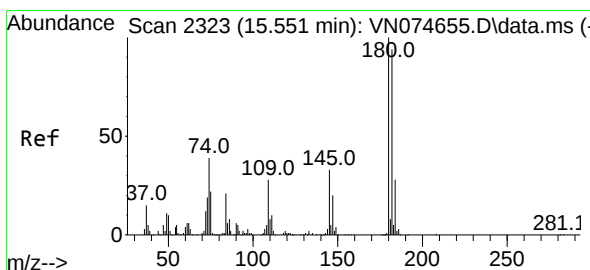
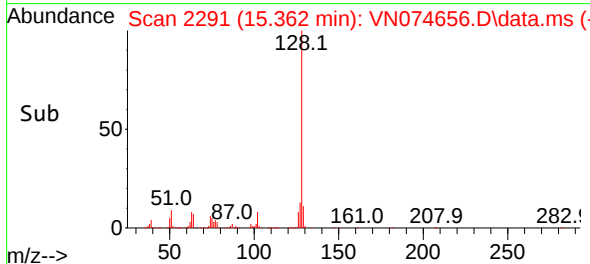
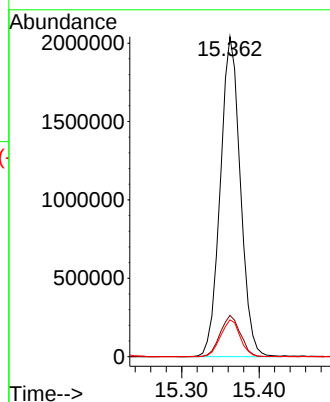
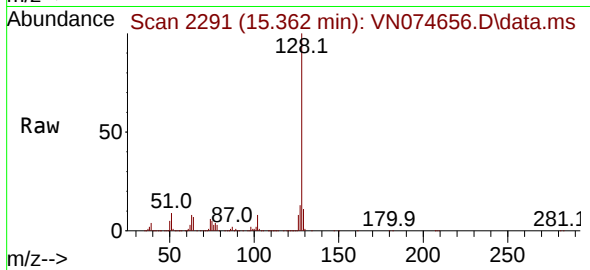
129 11.2 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#96

1,2,3-Trichlorobenzene

Concen: 93.668 ug/l

RT: 15.551 min Scan# 2323

Delta R.T. 0.000 min

Lab File: VN074656.D

Acq: 29 Sep 2022 15:44

Tgt Ion:180 Resp: 905782

Ion Ratio Lower Upper

180 100

182 92.9 47.8 143.3

145 33.1 15.5 46.5

